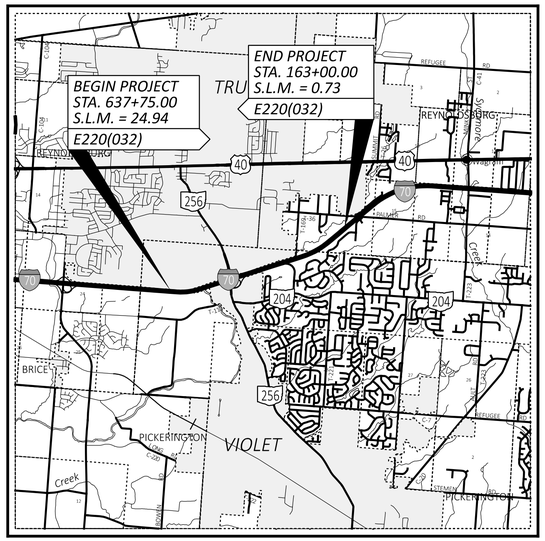

LOCATION MAP

LATITUDE: 39°56'08" LONGITUDE: 82°46'59"

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
FEDERAL ROUTES
STATE ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

FAI/LIC-IR 70-0.00/0.00

CITY OF COLUMBUS
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
ETNA TOWNSHIP
FAIRFIELD AND LICKING COUNTIES

INDEX OF SHEETS:

SEE SHEET P.0002

FEDERAL PROJECT NUMBER

E220(032)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD. PROJECT INCLUDES BRIDGE RECONSTRUCTION, RETAINING WALLS, LIGHTING, TRAFFIC SIGNAL INSTALLATION, DRAINAGE, AND TRAFFIC CONTROL.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	130.39 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	8.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	138.39 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

Jason L. Sturgeon, P.E
District 05 Deputy Director

Pamela Boratyn
Director, Department of Transportation

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

DESIGN DESIGNATION

	IR 70	CD ROAD EB/WB	SR 256	TAYLOR RD	SR 204	PALMER RD	TAYLOR RD SW
CURRENT ADT (2030)	56,680	19,370	53,910	18,460	19,000	3,400	15,490
DESIGN YEAR ADT (2050)	76,150	26,770	65,060	24,650	26,150	4,400	22,484
DESIGN HOURLY VOLUME (2050)	5,290	2,410	5,860	2,930	2,350	700	1,347
DIRECTIONAL DISTRIBUTION	50%	60%	55%	53%	51%	66%	50%
TRUCKS (24 HOUR B&C)	12%	4%	4%	3%	3%	4%	5%
DESIGN SPEED	70	60	45	45	45	45	35
LEGAL SPEED	65/70	55	40	45	45	45	35
DESIGN FUNCTIONAL CLASSIFICATION:	URBAN INTERSTATE	URBAN INTERSTATE	URBAN ARTERIAL	URBAN ARTERIAL	URBAN ARTERIAL	URBAN MAJOR COLLECTOR	URBAN ARTERIAL

NHS PROJECT — YES

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NOT REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:

AMERICAN STRUCTUREPOINT INC.
2550 CORPORATE EXCHANGE DR, STE 300
COLUMBUS, OH 43231
TEL 614.901.2235 FAX 614.901.2236
www.structurepoint.com

STANDARD CONSTRUCTION DRAWINGS

														SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-1.1	7/28/00	F-3.1	7/19/13	RM-1.1	1/16/26	HL-10.12	1/16/26	MT-95.72	7/17/26	MT-102.20	7/17/26	TC-51.12	7/17/26	800-2023	7/17/26	
BP-2.1	1/21/22	F-3.2	7/18/14	RM-3.1	7/20/18	HL-10.13	7/17/26	MT-95.73	7/17/26	MT-102.30	7/17/26	TC-52.10	10/18/13	813	7/21/23	
BP-2.2	1/16/26	F-3.3	7/19/13	RM-4.3	7/17/26	HL-10.31	1/16/26	MT-96.11	7/17/26	MT-103.10	7/18/25	TC-52.20	7/17/26	825	7/19/24	
BP-2.3	1/16/26	F-3.4	7/19/13	RM-4.4	7/17/26	HL-20.11	1/16/26	MT-96.20	7/18/25	MT-104.10	7/17/26	TC-61.10	4/21/23	832	7/17/26	
BP-2.4	7/19/13	F-3.5	1/16/26	RM-4.5	1/16/26	HL-20.21	1/16/26	MT-96.26	1/17/25	MT-105.10	1/17/20	TC-61.30	7/19/24	850	7/21/23	
BP-2.5	1/16/26	F-5.2	7/17/26	RM-4.6	7/18/25	HL-30.11	7/17/26	MT-97.10	7/18/25	MT-110.10	7/19/13	TC-65.11	7/17/26	867	4/15/22	
BP-3.1	1/19/24					HL-30.21	4/17/20	MT-97.12	1/16/26			TC-71.10	7/17/26	878	1/16/26	
BP-3.2	1/18/19	I-2	7/19/24	WQ-1.1	7/21/23	HL-30.22	1/17/25	MT-98.10	1/17/20	TC-12.31	1/16/26	TC-72.20	1/16/26	913	4/16/21	
BP-6.1	7/19/13	I-3C, 3C1	1/17/25	WQ-1.2	1/15/16	HL-30.31	7/17/26	MT-98.11	1/17/20	TC-15.116	7/17/26	TC-73.20	1/16/26	916	7/19/24	
BP-8.2	1/18/19	I-3D	7/19/24				1/16/26	MT-98.20	4/19/19	TC-16.22	1/16/26	TC-74.10	1/16/26			
				AS-1-15	1/20/23	HL-50.21	1/16/26	MT-98.21	7/21/23	TC-21.11	7/17/26					
CB-2-3, 2-4	7/19/24	MGS-2.1	7/17/26	AS-2-15	7/21/23	HL-60.11	7/21/17	MT-98.28	1/17/20	TC-21.21	7/18/25					
CB-3	7/17/26	MGS-3.1	7/17/26	GSD-1-19	7/19/24	HL-60.12	1/16/26	MT-98.29	1/17/20	TC-21.50	7/17/26					
CB-3A	7/17/26	MGS-3.2	7/18/25	HW-1.1	7/18/25	HL-60.21	7/20/18	MT-98.30	7/18/25	TC-22.10	1/17/25					
CB-4	7/19/24	MGS-4.2	7/17/26	HW-2.1	7/15/22	HL-60.31	1/16/26	MT-99.20	7/17/26	TC-22.20	7/18/25					
CB-4A, 5A, 8A	7/19/24	MGS-6.1	7/17/26	HW-2.2	7/20/18			MT-99.30	1/17/20	TC-41.10	7/17/26					
CB-6	7/19/24	MGS-6.3	7/18/25	PCB-91	7/17/20	MT-95.30	7/17/26	MT-99.60	7/17/26	TC-41.20	10/18/13					
				PSID-1-13	7/18/25	MT-95.31	7/17/26	MT-100.00	1/19/24	TC-41.30	4/21/23					
DM-1.1	7/17/26	MH-3	7/19/24	SBR-1-20	7/19/24	MT-95.40	7/17/26	MT-101.60	1/17/25	TC-41.40	1/16/26					
DM-1.3	7/18/14			SICD-1-21	1/19/24	MT-95.41	7/17/26	MT-101.70	7/19/24	TC-41.41	7/19/19					
DM-4.1	7/17/26	RD-4.1	7/17/26	SICD-2-14	1/15/21	MT-95.45	7/21/23	MT-101.75	7/21/23	TC-41.50	10/18/13					
		RD-5.1	7/17/26	VPF-1-24	7/17/26	MT-95.50	7/17/26	MT-101.80	1/17/20	TC-42.10	10/18/13					
F-1.1	7/18/25	RD-7.1	7/17/26			MT-95.70	7/21/23	MT-101.90	7/17/20	TC-42.20	10/18/13					
F-2.1	7/20/18	RD-9.1	7/17/26	HL-10.11	7/17/26	MT-95.71	7/21/23	MT-102.10	7/17/26	TC-51.11	7/17/26					

ENGINEER'S SEAL	ENGINEER'S SEAL
ROADWAY	BRIDGE
ENGINEER'S SEAL	ENGINEER'S SEAL
RETAINING WALLS	SIGNALS

TITLE SHEET

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0001 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
AJO

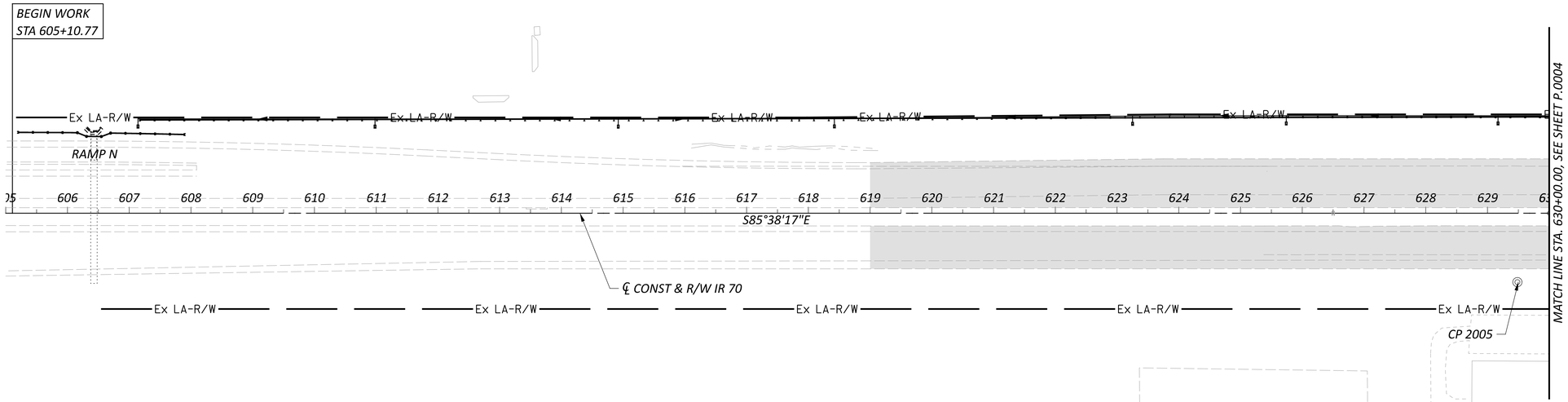
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0002 TOTAL P.2024

LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 605+00.00 TO STA. 630+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0003 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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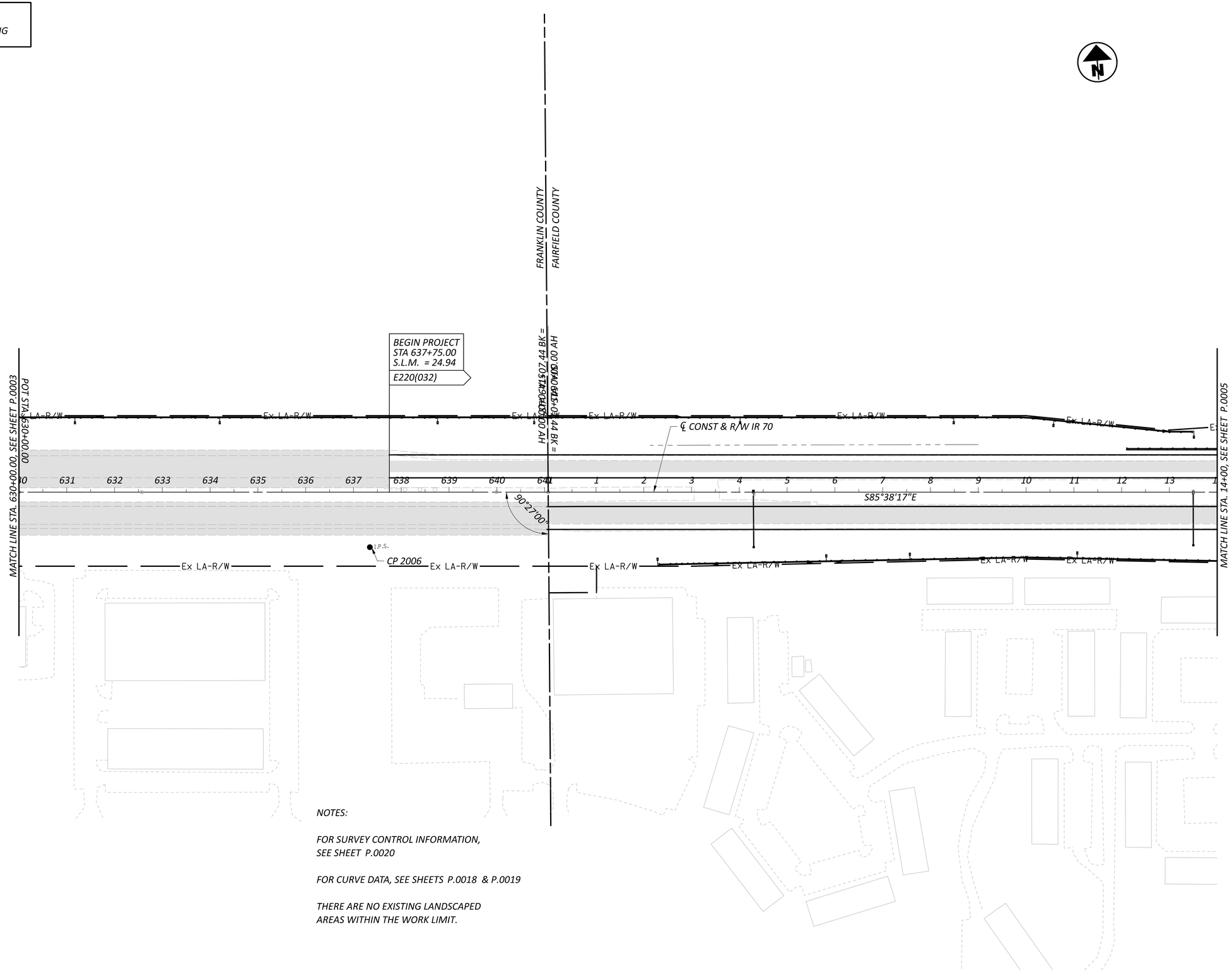
LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 630+00.00 TO STA. 14+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0004 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB002 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:26:10 PM USER: brieder
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LEGEND

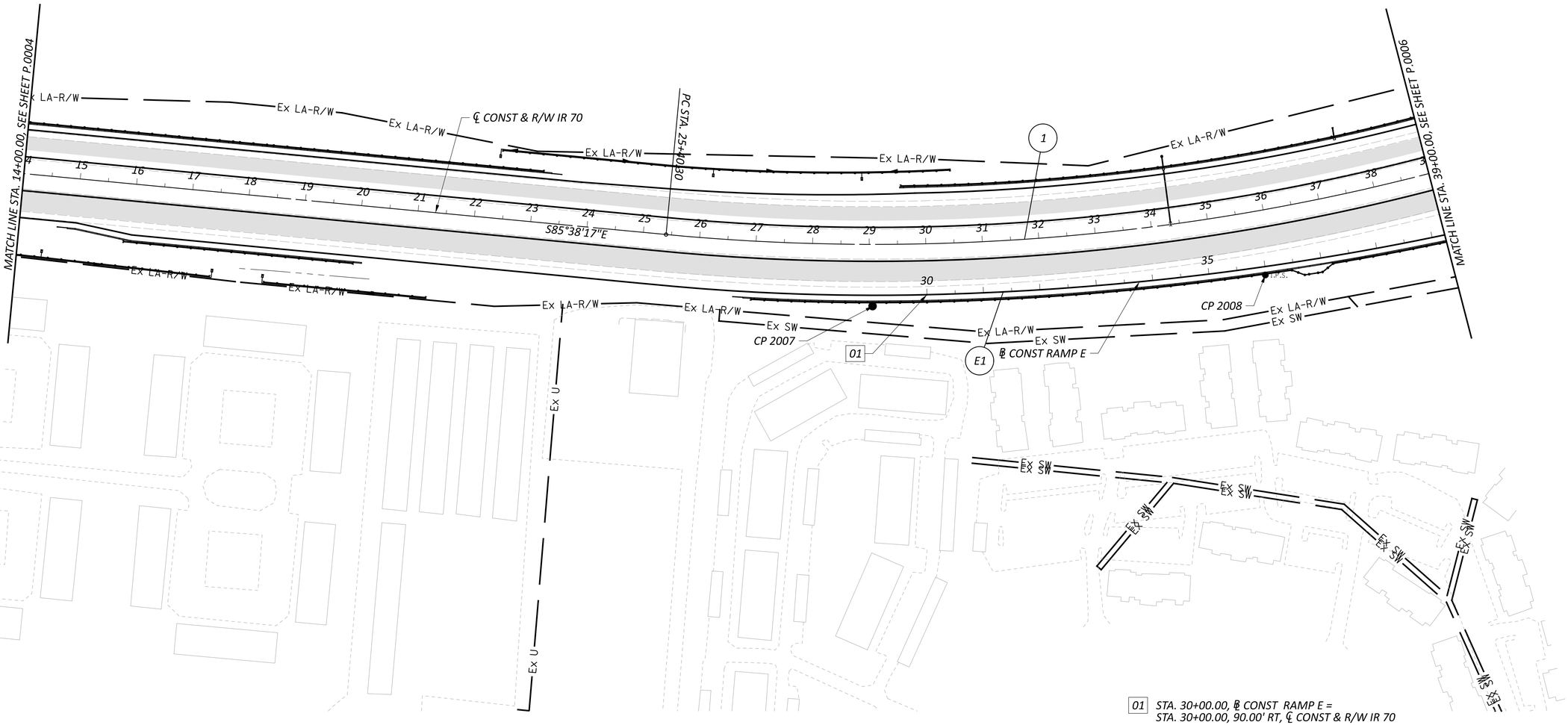
- OVERLAY/PLANING

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.



01 STA. 30+00.00, ℄ CONST RAMP E =
STA. 30+00.00, 90.00' RT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 14+00.00 TO STA. 39+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0005
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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LEGEND

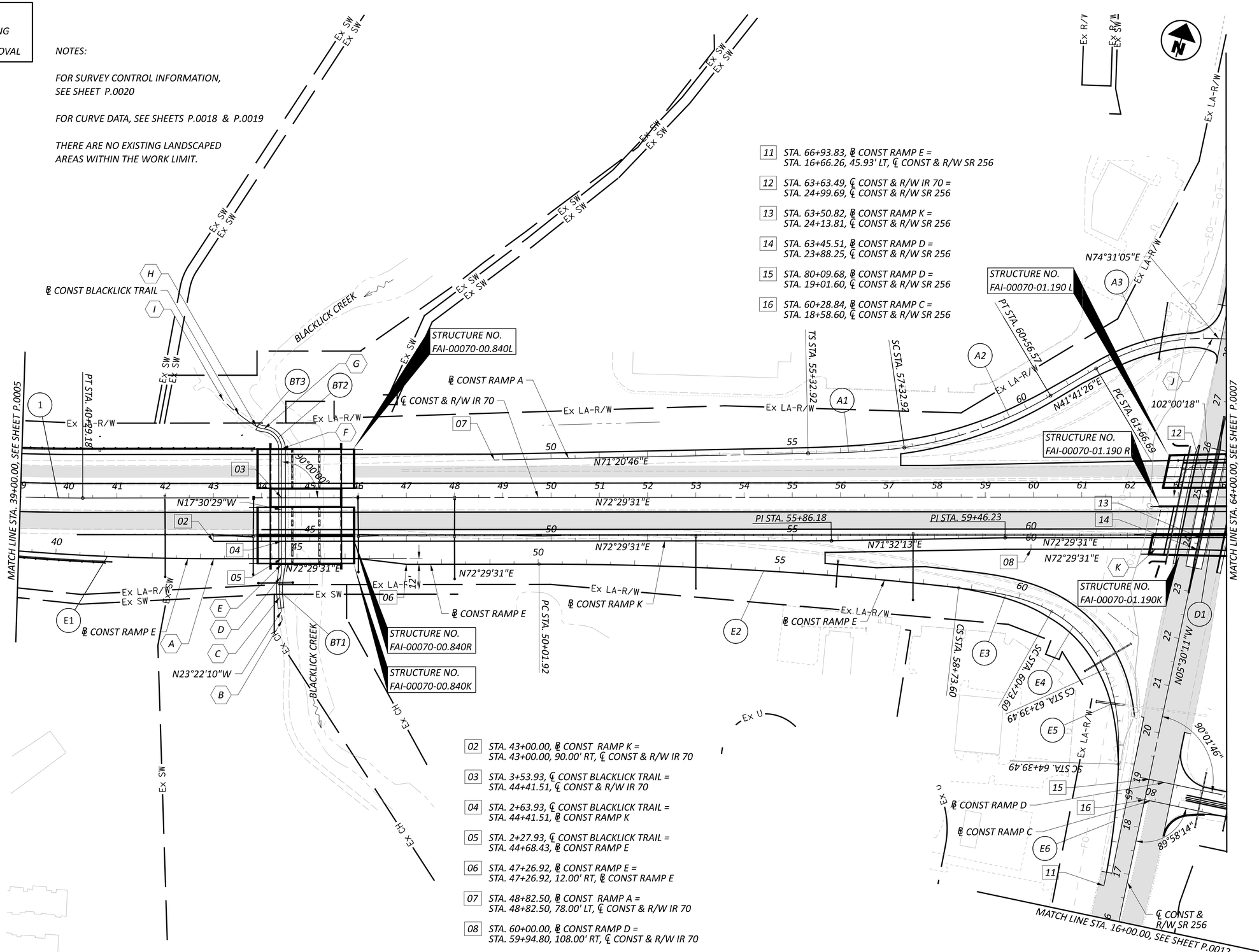
- OVERLAY/PLANING
- PAVEMENT REMOVAL

NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.



11 STA. 66+93.83, ℄ CONST RAMP E = STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

15 STA. 80+09.68, ℄ CONST RAMP D = STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C = STA. 18+58.60, ℄ CONST & R/W SR 256

02 STA. 43+00.00, ℄ CONST RAMP K = STA. 43+00.00, 90.00' RT, ℄ CONST & R/W IR 70

03 STA. 3+53.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST & R/W IR 70

04 STA. 2+63.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST RAMP K

05 STA. 2+27.93, ℄ CONST BLACKLICK TRAIL = STA. 44+68.43, ℄ CONST RAMP E

06 STA. 47+26.92, ℄ CONST RAMP E = STA. 47+26.92, 12.00' RT, ℄ CONST RAMP E

07 STA. 48+82.50, ℄ CONST RAMP A = STA. 48+82.50, 78.00' LT, ℄ CONST & R/W IR 70

08 STA. 60+00.00, ℄ CONST RAMP D = STA. 59+94.80, 108.00' RT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 39+00.00 TO STA. 64+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0006 TOTAL P.2024

LEGEND

- OVERLAY/PLANING

MATCH LINE STA. 35+00.00, SEE SHEET P.0014

MATCH LINE STA. 64+00.00, SEE SHEET P.0006

MATCH LINE STA. 89+00.00, SEE SHEET P.0008

NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

HORIZONTAL SCALE IN FEET
0 50 100 200

℄ CONST & R/W SR 256

℄ CONST & R/W IR 70

℄ CONST RAMP A

℄ CONST RAMP B

℄ CONST RAMP C

℄ CONST RAMP D

℄ CONST RAMP H

℄ CONST RAMP K

PT STA. 77+22.13

CP 2009

CP 2010

99°58'43"

87°00'00"

N87°29'46"E

N72°29'31"E

N71°20'46"E

N23°05'43"E

S°84'31'35"W

N°84'31'35"E

PC STA. 67+41.89

PT STA. 68+41.36

PC STA. 70+44.26

CS STA. 66+85.33

SC STA. 68+85.33

PC STA. 73+36.01

CS STA. 75+47.39

ST STA. 77+47.39

STRUCTURE NO. FAI-00070-01.190 L

STRUCTURE NO. FAI-00070-01.190 R

STRUCTURE NO. FAI-00070-01.190K

09 STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256

18 STA. 72+50.00, ℄ CONST RAMP H = STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

19 STA. 77+22.13, ℄ CONST RAMP B = STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

20 STA. 84+00.00, ℄ CONST RAMP C = STA. 84+00.00, 112.00' RT, ℄ CONST & R/W IR 70

SCHEMATIC PLAN - IR 70
STA. 64+00.00 TO STA. 89+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB005 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:27:17 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB005.dgn

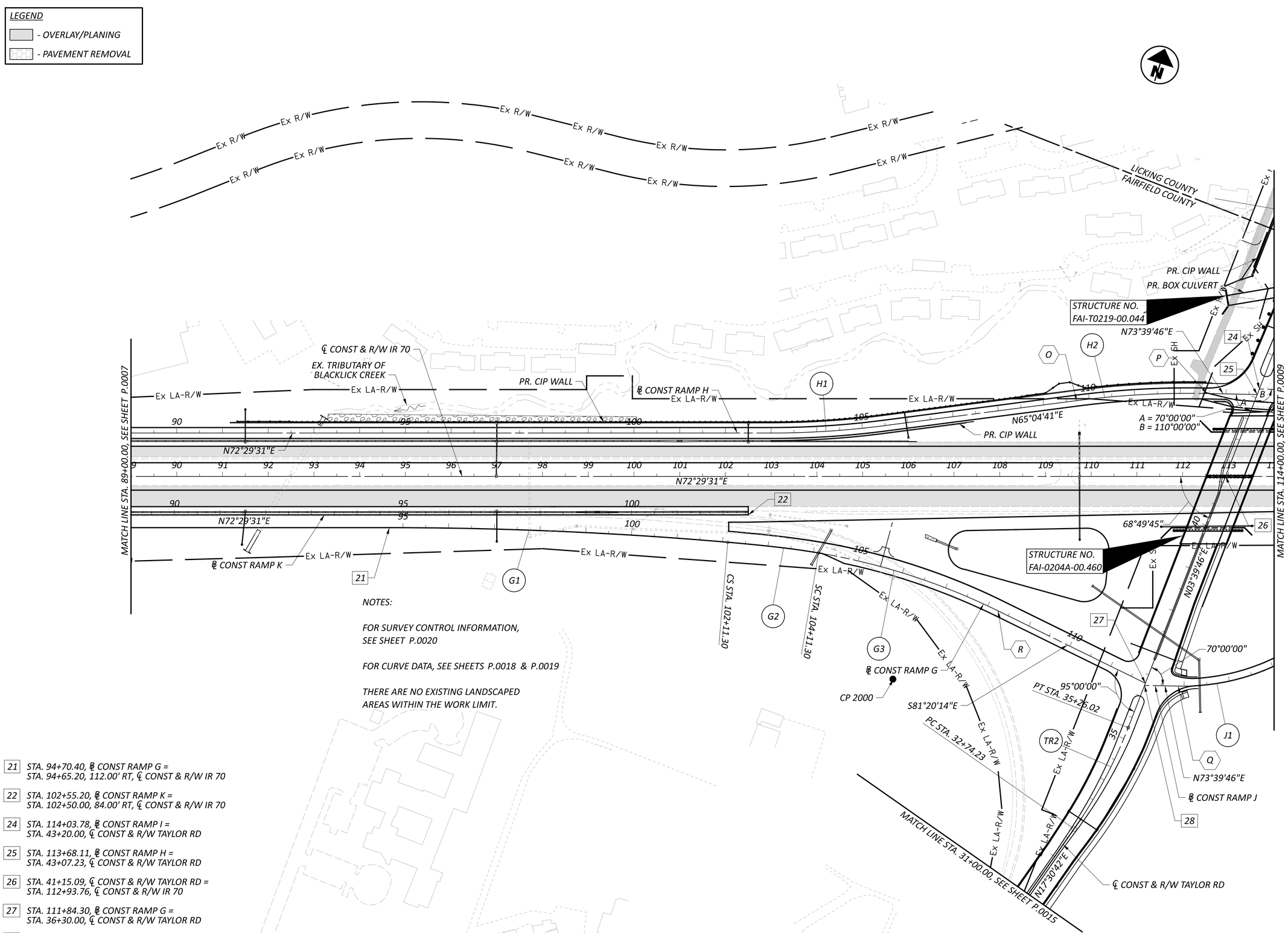
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0007 TOTAL P.2024



NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

21 STA. 94+70.40, ℄ CONST RAMP G =
STA. 94+65.20, 112.00' RT, ℄ CONST & R/W IR 70

22 STA. 102+55.20, ℄ CONST RAMP K =
STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70

24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

26 STA. 41+15.09, ℄ CONST & R/W TAYLOR RD =
STA. 112+93.76, ℄ CONST & R/W IR 70

27 STA. 111+84.30, ℄ CONST RAMP G =
STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J =
STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 89+00.00 TO STA. 114+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB006 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:27:45 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0008 TOTAL P.2024

LEGEND

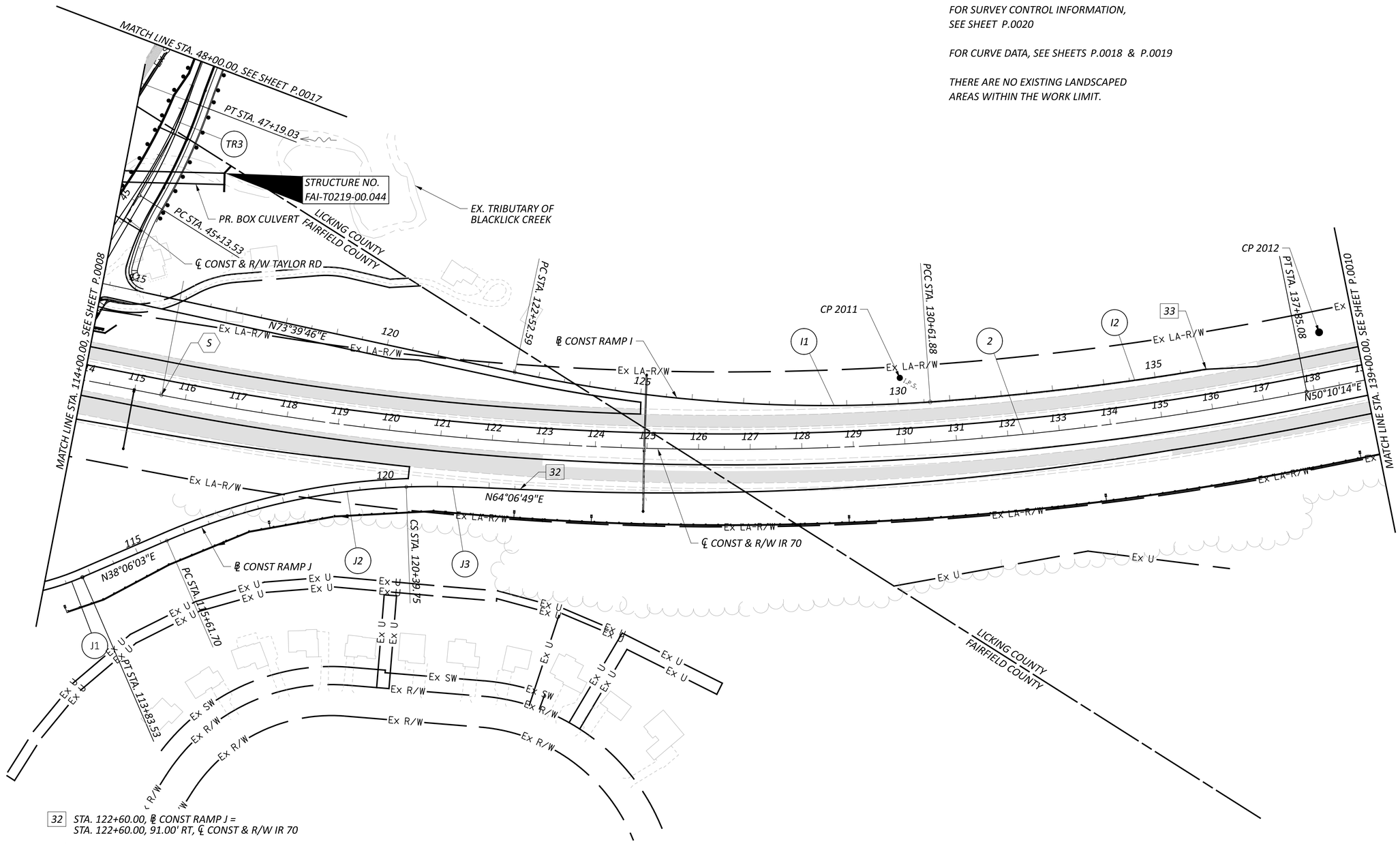
- OVERLAY/PLANING

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.



32 STA. 122+60.00, ℄ CONST RAMP J =
STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70

33 STA. 136+00.00, ℄ CONST RAMP I =
STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - IR 70
STA. 114+00.00 TO STA. 139+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0009 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB007 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:27:56 PM USER: brieder
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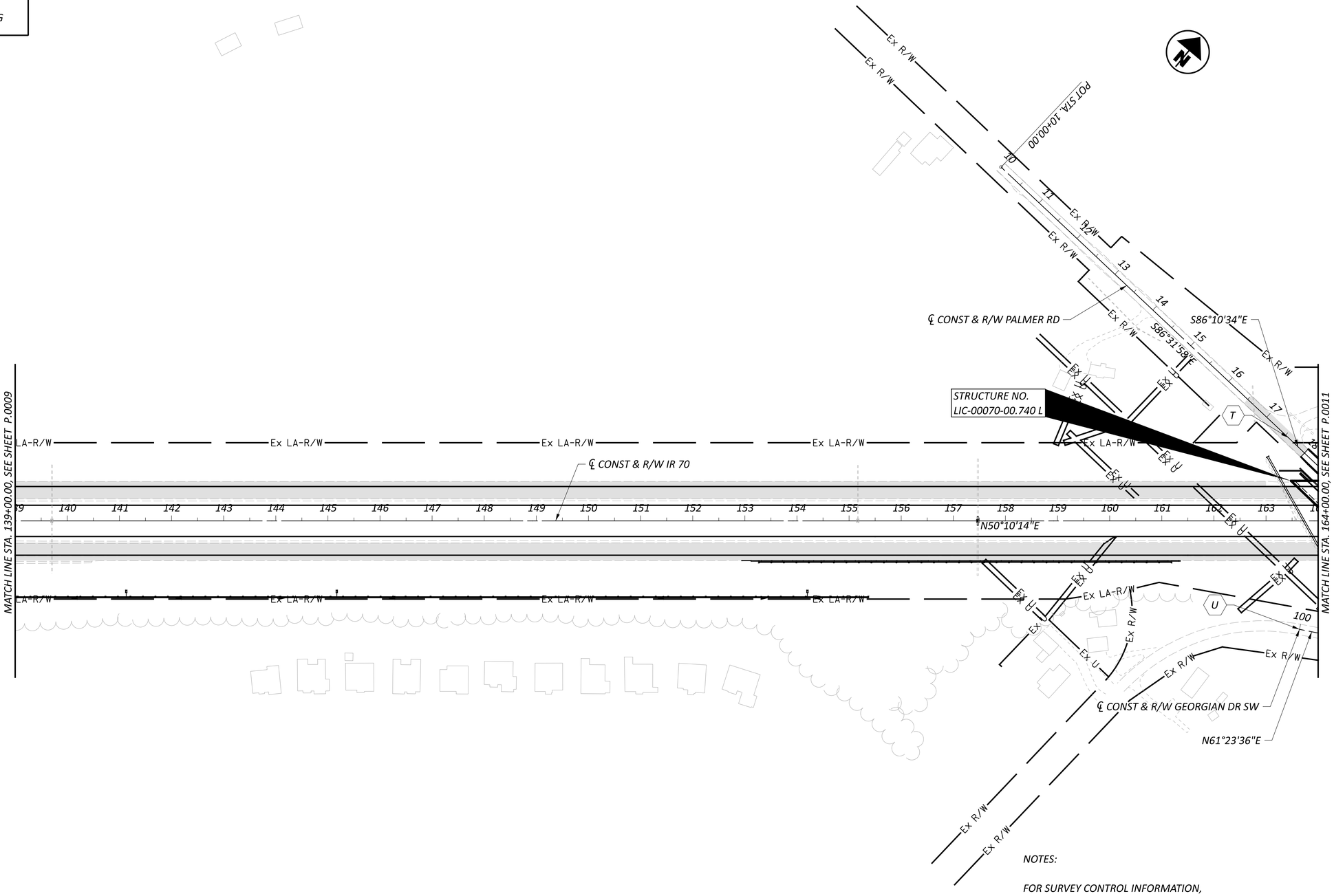
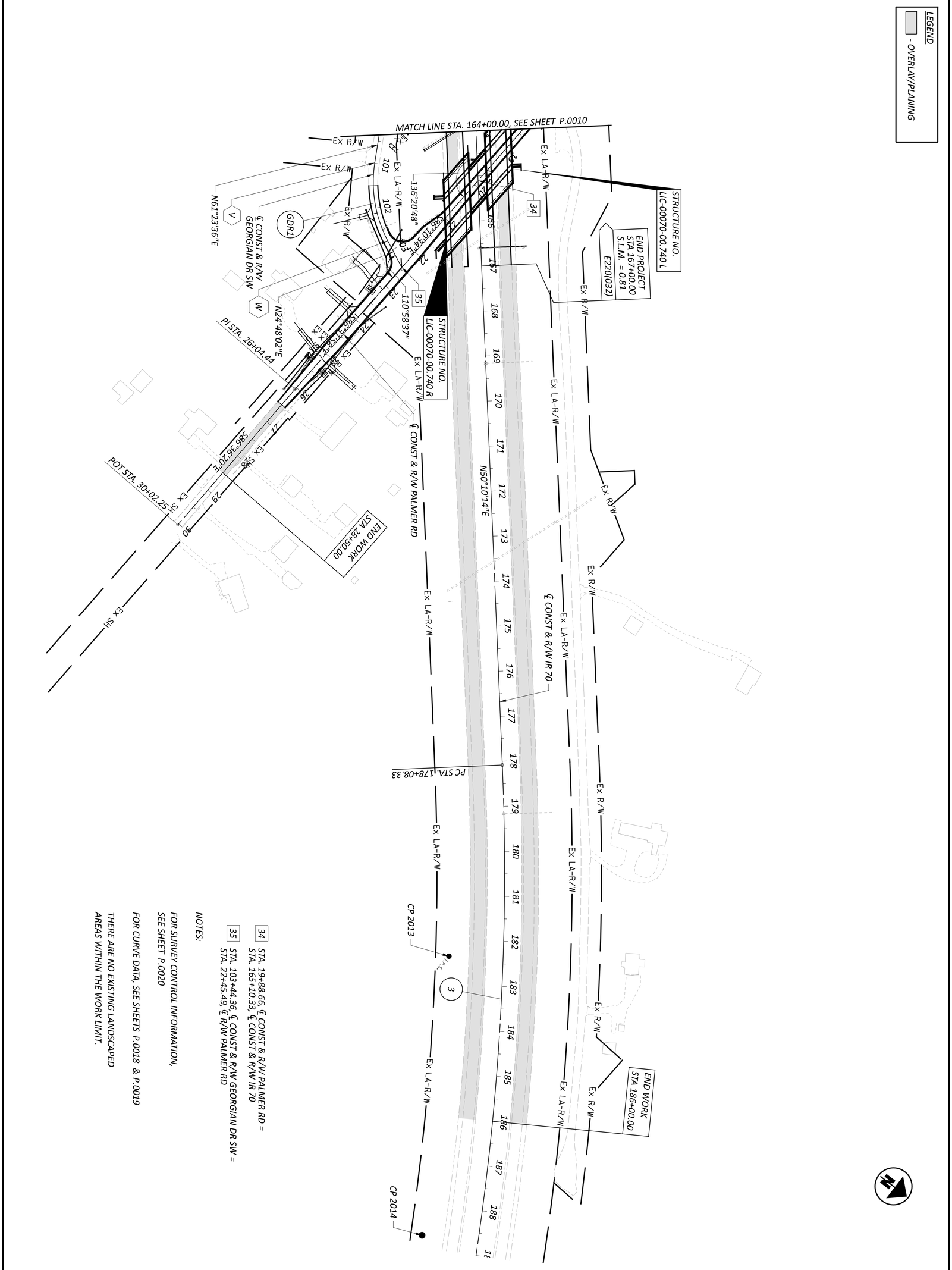
LEGEND

- OVERLAY/PLANING


Ex R/W
Ex R/W
POT STA. 10+00.00
10
11
12
13
14
15
16
17
Ex R/W
℄ CONST & R/W PALMER RD
S86°10'34"E
S86°31'58"E
STRUCTURE NO.
LIC-00070-00.740 L
T
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
℄ CONST & R/W IR 70
MATCH LINE STA. 139+00.00, SEE SHEET P.0009
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
N50°10'14"E
MATCH LINE STA. 164+00.00, SEE SHEET P.0011
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W



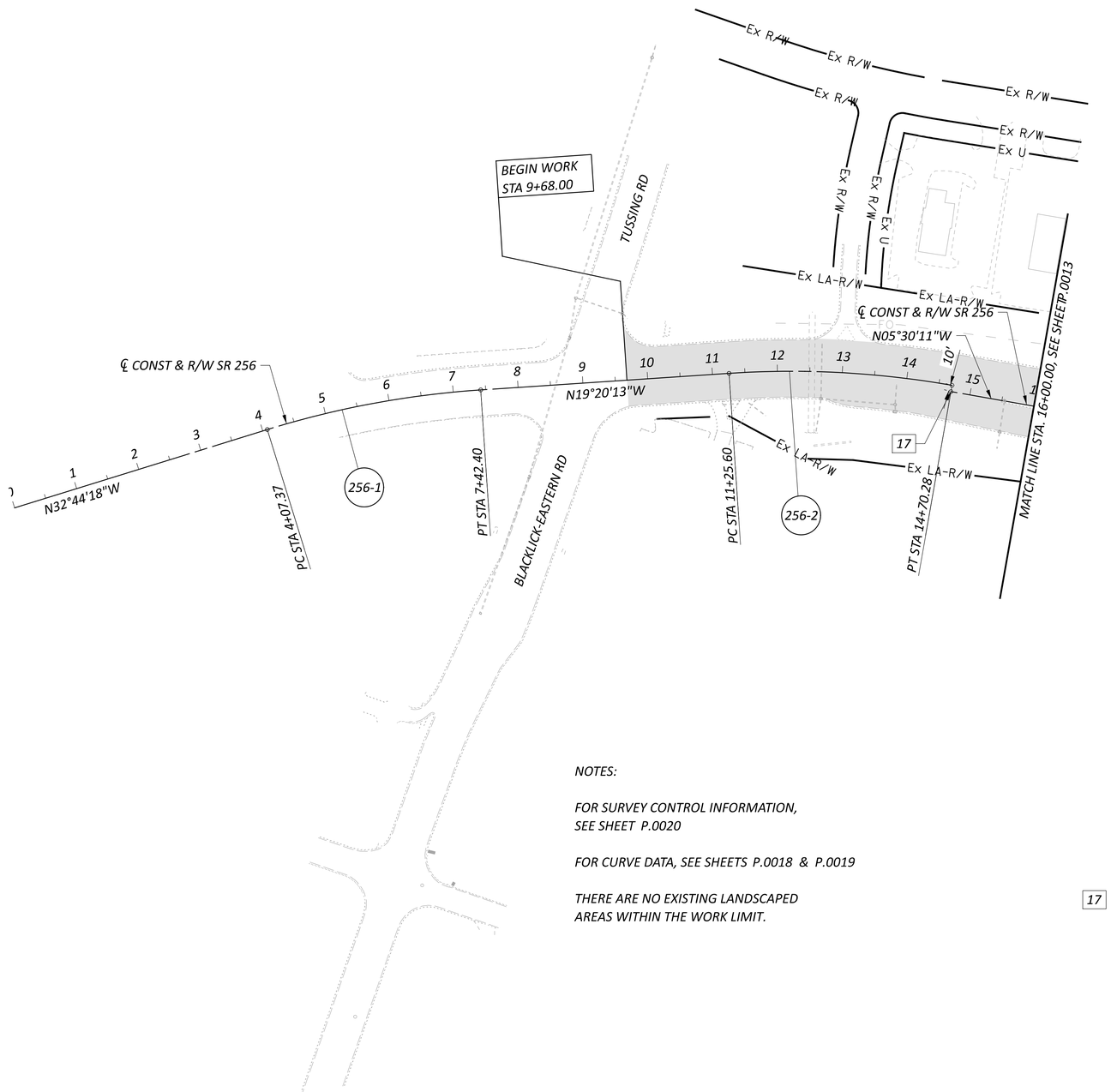
SCHEMATIC PLAN - IR 70
STA. 164+00.00 TO STA. 189+00.00

HORIZONTAL SCALE IN FEET
0 50 100 200

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0011 TOTAL: P.2024

LEGEND

- OVERLAY/PLANING



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

17 STA. 14+70.28, ℄ CONST & R/W SR 256 =
STA. 14+70.28, 9.77' RT ℄ CONST & R/W SR 256

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - SR 256
STA. 0+00.00 TO STA. 16+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

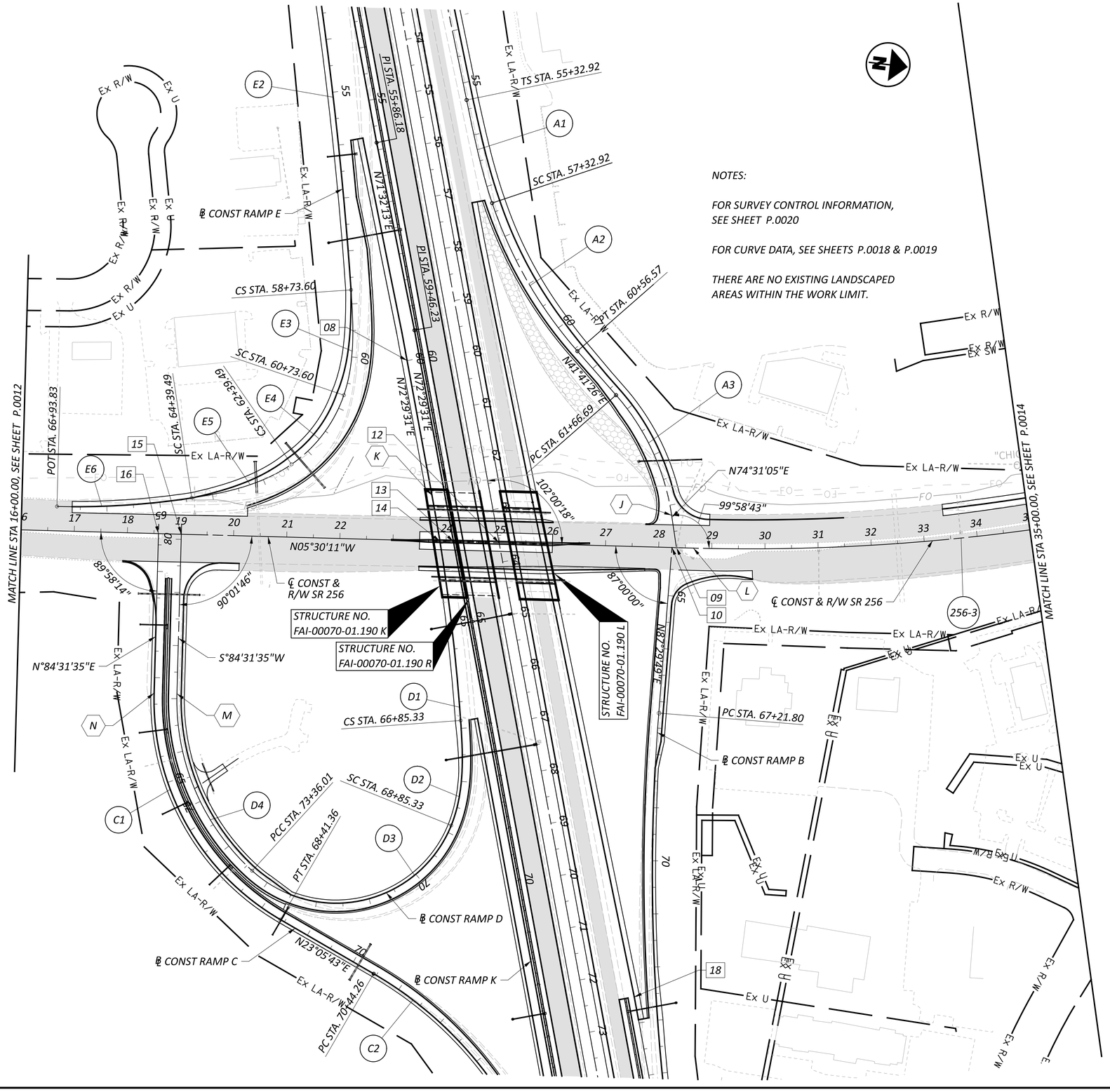
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0012 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB010 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:28:42 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\M01-Engineering_StructurePoint\Roadway\Sheets\96808_GB010.dgn

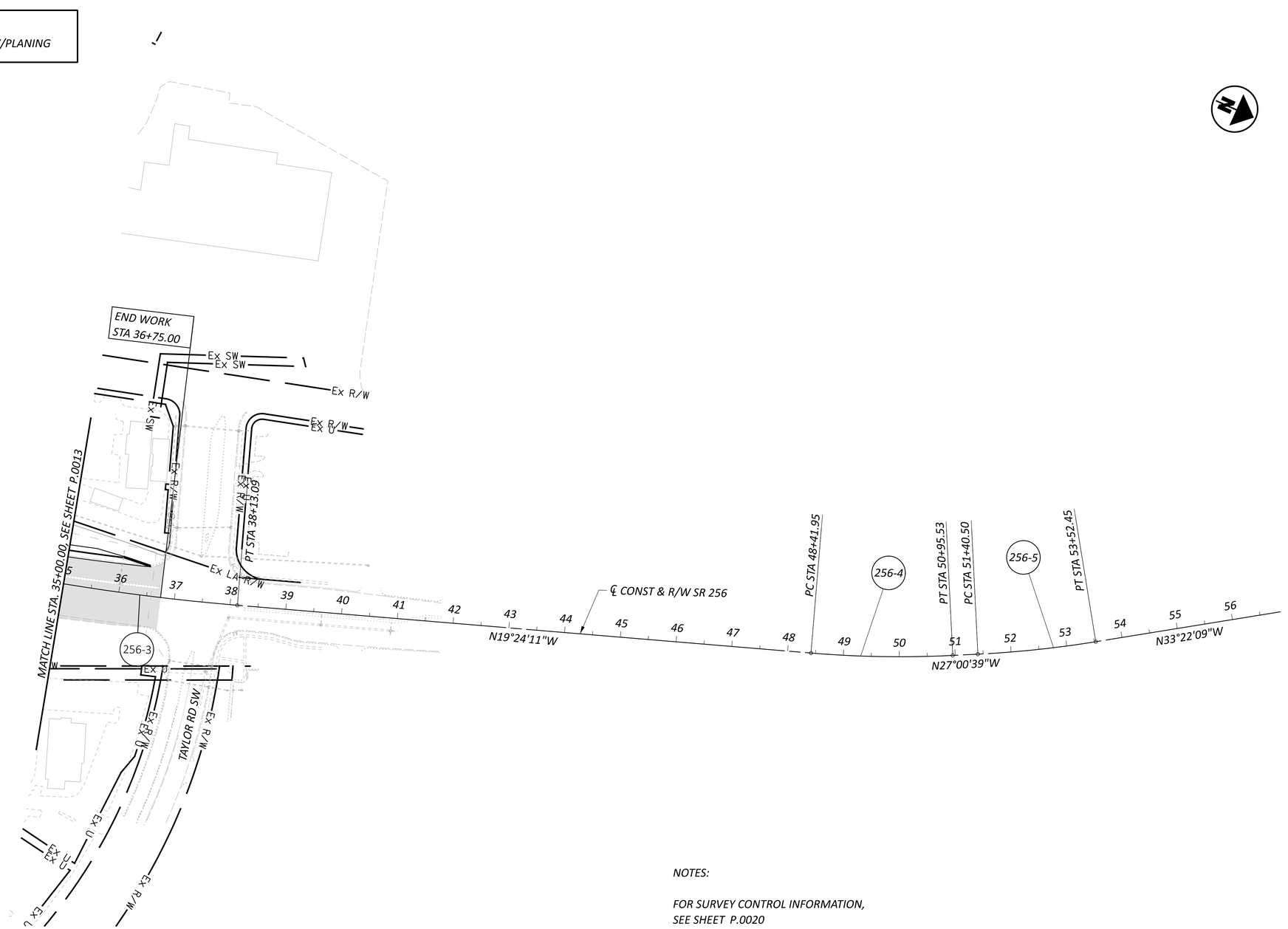


SCHEMATIC PLAN - SR 256
STA 16+00.00 TO STA 35+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 1:1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:28:56 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB015.dgn

DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0013 TOTAL: P.2024



NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

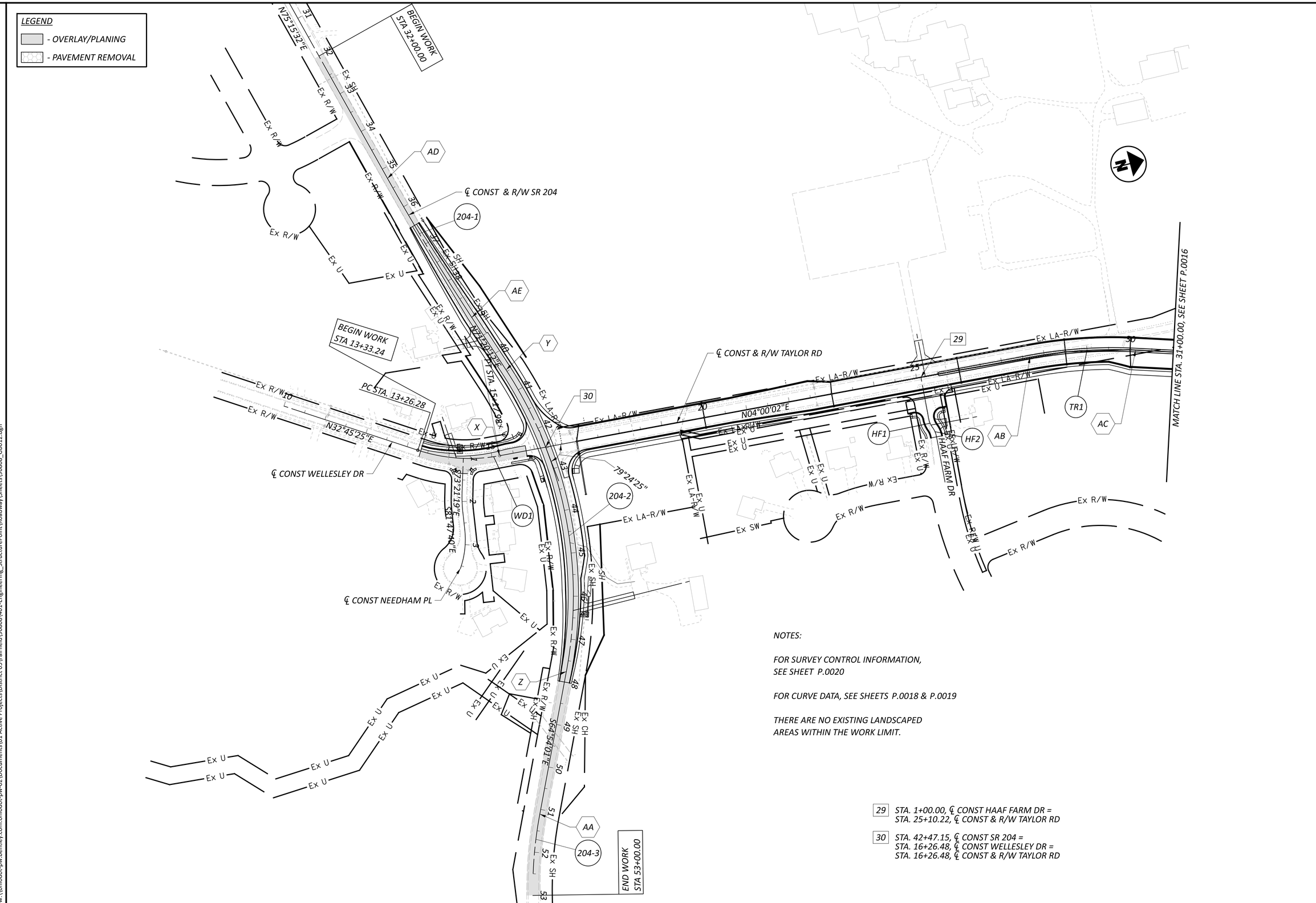
SCHEMATIC PLAN - SR 256
STA. 35+00.00 TO STA. 56+86.76

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB011 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:29:12 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB011.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0014
TOTAL	P.2024



NOTES:

FOR SURVEY CONTROL INFORMATION, SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMIT.

29 STA. 1+00.00, ℄ CONST HAAF FARM DR = STA. 25+10.22, ℄ CONST & R/W TAYLOR RD

30 STA. 42+47.15, ℄ CONST SR 204 = STA. 16+26.48, ℄ CONST WELLESLEY DR = STA. 16+26.48, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - TAYLOR RD
STA. 10+00.00 TO STA. 31+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0015 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB012 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:29:25 PM USER: brieder
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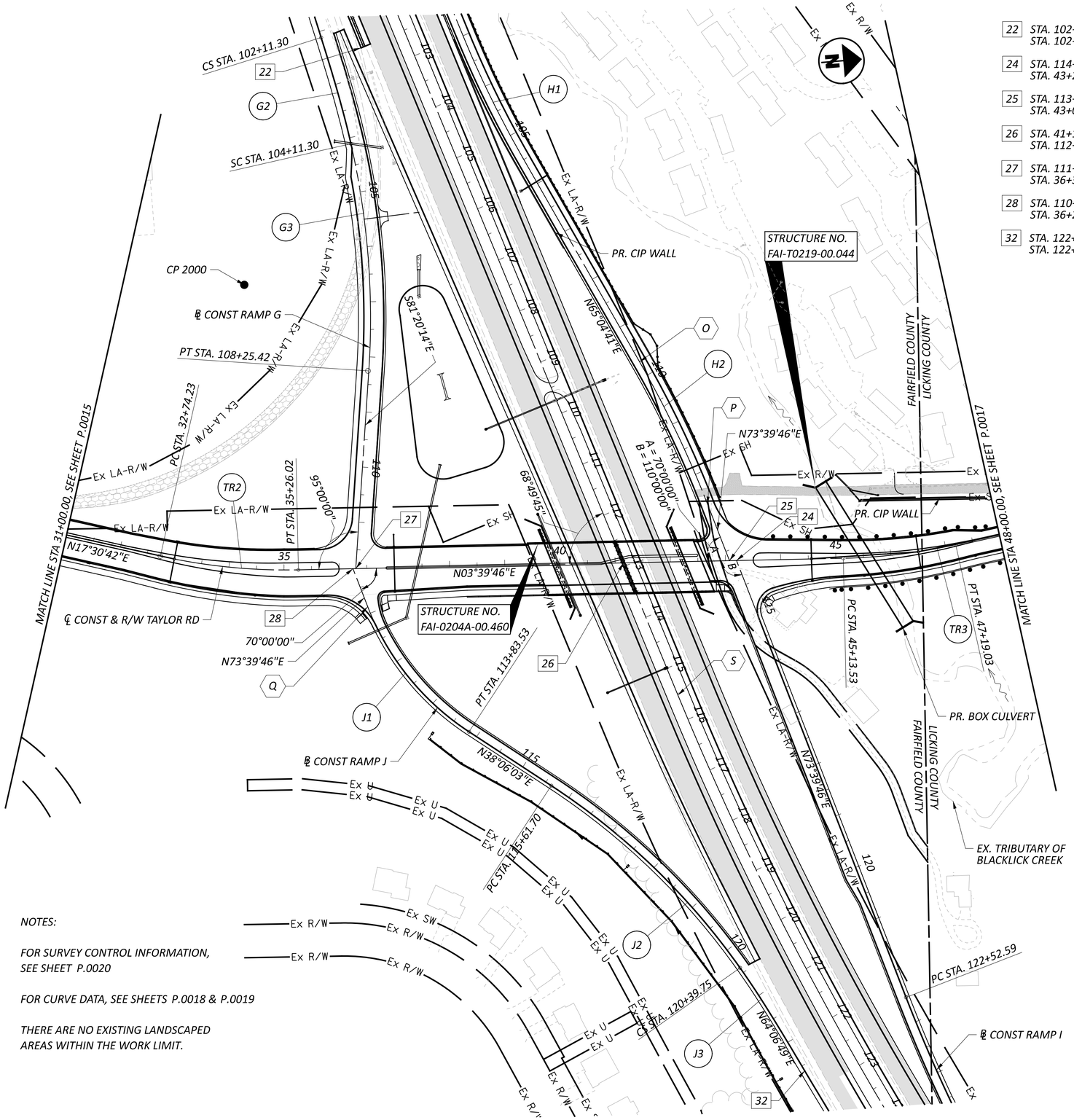
CS STA. 102+11.30
SC STA. 104+11.30
CP 2000
℄ CONST RAMP G
PT STA. 108+25.42
PC STA. 32+74.23
MATCH LINE STA 31+00.00, SEE SHEET P.0015
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
Ex LA-R/W
TR2
PT STA. 35+26.02
95°00'00"
N17°30'42"E
35
℄ CONST & R/W TAYLOR RD
28
70°00'00"
N73°39'46"E
Q
J1
℄ CONST RAMP J
N38°06'03"E
PC STA. 115+61.70
Ex U
Ex SW
Ex R/W
Ex R/W
Ex R/W
Ex R/W
J2
CP STA. 120+39.75
J3
N64°06'49"E
Ex LA-R/W
32
Ex R/W
Ex SH
27
Ex SH
68°49'45"
40
N03°39'46"E
℄ CONST RAMP I
STRUCTURE NO.
FAI-0204A-00.460
PR. CIP WALL
Ex LA-R/W
N65°04'41"E
S81°20'14"E
H1
H2
O
P
N73°39'46"E
A = 70°00'00"
B = 110°00'00"
Ex SH
Ex R/W
Ex R/W
Ex
25
24
Ex SH
45
PR. CIP WALL
STRUCTURE NO.
FAI-T0219-00.044
FAIRFIELD COUNTY
LICKING COUNTY
MATCH LINE STA 48+00.00, SEE SHEET P.0017
PC STA. 45+13.53
PT STA. 47+19.03
TR3
PR. BOX CULVERT
LICKING COUNTY
FAIRFIELD COUNTY
EX. TRIBUTARY OF
BLACKLICK CREEK
S
Ex LA-R/W
N73°39'46"E
Ex LA-R/W
PC STA. 122+52.59
℄ CONST RAMP I
Ex
26
105
110
115
120
125
130
135
140
145
150
155
160
165
170
175
180
185
190
195
200
205
210
215
220
225
230
235
240
245
250
255
260
265
270
275
280
285
290
295
300

LEGEND

- PAVEMENT REMOVAL

LICKING COUNTY
FAIRFIELD COUNTY

Ex R/W

BEGIN WORK
STA 8+90.00

PC STA. 10+28.18

N58°37'51"E

18

TR1-1

Ex R/W

Ex R/W

℄ CONST TAYLOR RD SW

PRC STA. 12+50.80

TR1-2

N86°06'17"E

Ex R/W

15

PT STA. 15+19.00

50

Ex SH

55

Ex SH

60

Ex R/W

65

Ex R/W

70

Ex R/W

POT STA. 72+94.86

N07°38'23"W

Ex R/W

Ex R/W

N03°50'07"E

Ex R/W

Ex R/W

Ex R/W

℄ CONST & R/W TAYLOR RD

MATCH LINE STA. 48+00.00, SEE SHEET P.0016

PC STA. 50+31.92

23

PT STA. 52+40.56

TR4

END WORK
STA 61+00.00

23 STA. 15+74.78, ℄ CONST TAYLOR RD SW =
STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

NOTES:

FOR SURVEY CONTROL INFORMATION,
SEE SHEET P.0020

FOR CURVE DATA, SEE SHEETS P.0018 & P.0019

THERE ARE NO EXISTING LANDSCAPED
AREAS WITHIN THE WORK LIMIT.

HORIZONTAL
SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN - TAYLOR RD
STA. 48+00.00 TO STA. 72+94.88

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0017 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_GB013 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:30:00 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GB013.dgn

1

CURVE DATA IR 70
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'
E = 72.13'
Emax = 0.063

2

CURVE DATA IR 70
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07
E = 110.44'
Emax = 0.042

3

CURVE DATA IR 70
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'
P.T. = STA. 221+99.16
Emax = 0.02

256-1

CURVE DATA SR 256
P.I. = STA. 5+75.65
Δ = 13°24'05" RT
Dc = 04°00'00"
R = 1,432.39
T = 168.29'
L = 335.03'
E = 9.85'
Emax = 0.024

256-2

CURVE DATA SR 256
P.I. = STA. 12+98.78
Δ = 13°47'14" RT
Dc = 04°00'00"
R = 1,432.39'
T = 173.18'
L = 344.68
E = 10.43'
Emax = 0.024

256-3

CURVE DATA SR 256
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'
Emax = NC

256-4

CURVE DATA SR 256
P.I. = STA. 49+68.93
Δ = 07°36'27" LT
Dc = 03°00'00"
R = 1,909.86'
T = 126.98'
L = 253.58'
E = 4.22'
Emax = 0.018

256-5

CURVE DATA SR 256
P.I. = STA. 52+46.59
Δ = 06°21'30" LT
Dc = 03°00'00"
R = 1,909.86'
T = 106.08'
L = 211.94'
E = 2.94'
Emax = 0.018

BT1

CURVE DATA BLACKLICK TRAIL
P.I. = STA. 4+89.01
Δ = 77°39'45" LT
Dc = 138°00'00"
R = 41.52'
T = 33.42'
L = 56.28'
E = 11.78'

BT2

CURVE DATA BLACKLICK TRAIL
P.I. = STA. 5+77.25'
Δ = 06°22'41" RT
Dc = 14°00'00"
R = 409.26'
T = 22.80'
L = 45.56'
E = 0.63'

A1

SPIRAL DATA RAMP A
P.I. = STA. 56+66.36
Ls = 200.00'
Θs = 07°00'00"
LT = 133.44
ST = 66.76
x = 199.70'
y = 8.14'
k = 99.95'
p = 2.04'
C = 199.87'
TS = STA. 55+32.92
SC = STA. 57+32.92
C.B. = N69°00'47"E

A2

CURVE DATA RAMP A
P.I. = STA. 58+96.89
Δ = 22°39'20" LT
Dc = 07°00'00"
R = 818.51'
T = 163.97'
L = 323.65'
E = 16.23'
Emax = 0.058
DS = 45 MPH

A3

CURVE DATA RAMP A
P.I. = STA. 62+96.52
Δ = 32°49'39" RT
Dc = 13°00'00"
R = 440.74'
T = 129.83'
L = 252.52'
E = 18.72'
Emax = 0.058
DS = 35 MPH

B1

CURVE DATA RAMP B
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33,
E = 32.98'
Emax = 0.037
DS = 60 MPH

C1

CURVE DATA RAMP C
P.I. = STA. 66+12.97
Δ = 61°25'52" LT
Dc = 11°59'35"
R = 477.74'
T = 283.84'
L = 512.22'
E = 77.96'
Emax = 0.057
DS = 35 MPH

C2

CURVE DATA RAMP C
P.I. = STA. 73+06.71
Δ = 40°15'03" RT
Dc = 08°00'00"
R = 716.20'
T = 262.45'
L = 503.13'
E = 46.57'
Emax = 0.06
DS = 45 MPH

C3

SPIRAL DATA RAMP C
P.I. = STA. 76+14.18
Ls = 200.00'
Θs = 08°00'00"
LT = 133.47'
ST = 66.79'
x = 198.96'
y = 18.58
k = 99.94
p = 2.33
C = 199.83'
START = STA. 75+47.39
END = STA. 77+47.39
C.B. = N68°40'48"E

D1

CURVE DATA RAMP D
P.I. = STA. 64+71.81
Δ = 06°24'44" RT
Dc = 01°30'00"
R = 3,819.72'
T = 213.96'
L = 427.47'
E = 5.99'
Emax = 0.037
DS = 60 MPH

D2

SPIRAL DATA RAMP D
P.I. = STA. 68+16.36
Ls = 200.00'
Θs = 26°00'00"
LT = 131.03'
ST = 71.92'
x = 195.68'
y = 31.53
k = 93.16'
p = 6.65
C = 198.20'
START = STA. 66+85.33
END = STA. 68+85.33
C.B. = N88°03'26"E

D3

CURVE DATA RAMP D
P.I. = STA. 72+21.91
Δ = 110°25'00" RT
Dc = 24°30'00"
R = 233.86'
T = 336.59'
L = 450.68'
E = 175.99'
Emax = 0.06
DS = 30 MPH

D4

CURVE DATA RAMP D
P.I. = STA. 75+35.07
Δ = 49°12'20" RT
Dc = 13°10'46"
R = 434.74'
T = 199.07'
L = 373.35'
E = 43.41'
Emax = 0.051
DS = 30 MPH

E1

CURVE DATA RAMP E
P.I. = STA. 36+67.58
Δ = 15°07'03" LT
Dc = 01°08'20"
R = 5,030.86'
T = 667.58'
L = 1,327.40
E = 44.10'
Emax = 0.037
DS = 70 MPH

E2

CURVE DATA RAMP E
P.I. = STA. 54+38.23
Δ = 06°32'15" RT
Dc = 00°45'00"
R = 7,639.44'
T = 436.31'
L = 871.68'
E = 12.45'
Emax = 0.021
DS = 60 MPH

E3

SPIRAL DATA RAMP E
P.I. = STA. 60+05.89
Ls = 200.00'
Θs = 22°45'00"
LT = 132.29'
ST = 69.91'
x = 196.76'
y = 27.04'
k = 96.05'
p = 6.15'
C = 198.61'
START = STA. 58+73.60
END = STA. 60+73.60
C.B. = N86°51'12"E

E4

CURVE DATA RAMP E
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.90'
E = 13.79'
Emax = 0.052
DS = 25 MPH

E5

SPIRAL DATA RAMP E
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
START = STA. 62+39.49
END = STA. 64+39.49
C.B. = S25°42'46"E

E6

CURVE DATA RAMP E
P.I. = STA. 65+67.00
Δ = 10°10'24" RT
Dc = 04°00'00"
R = 1,432.39'
T = 127.50'
L = 254.33'
E = 5.66'
Emax = NC
DS = 45 MPH (202-9)

CURVE DATA

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 4:30:14 PM USER: brteder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0018 TOTAL P.2024

G1 **CURVE DATA RAMP G**
P.I. = STA. 98+41.08
Δ = 04°56'22" RT
Dc = 00°40'00"
R = 8,594.37'
T = 370.68'
L = 740.90'
E = 7.99'
Emax = 0.020
DS = 60 MPH

G2 **SPIRAL DATA RAMP G**
P.I. = STA. 103+35.16
Ls = 200.00'
Θs = 04°40'00"
LT = 123.86'
ST = 76.24'
x = 199.85'
y = 6.20'
k = 83.31'
p = 0.97'
C = 199.94'
START = STA. 102+11.30
END = STA. 104+11.30
C.B. = N79°12'32"E

G3 **CURVE DATA RAMP G**
P.I. = STA. 106+19.81
Δ = 16°33'54" RT
Dc = 04°00'00"
R = 1,432.39'
T = 208.52'
L = 414.12'
E = 15.10'
Emax = 0.052
DS = 50 MPH

H1 **CURVE DATA RAMP H**
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'
Emax = 0.055
DS = 60 MPH

H2 **CURVE DATA RAMP H**
P.I. = STA. 111+15.77
Δ = 08°35'05" RT
Dc = 03°00'00"
R = 1,909.86'
T = 143.35'
L = 286.15'
E = 5.37'
Emax = 0.045
DS = 50 MPH

I1 **CURVE DATA RAMP I**
P.I. = STA. 126+59.95
Δ = 16°11'08" LT
Dc = 02°00'00"
R = 2,864.79'
T = 407.35'
L = 809.28'
E = 28.82'
Emax = 0.045
DS = 60 MPH

I2 **CURVE DATA RAMP I**
P.I. = STA. 133+31.14
Δ = 05°27'20" LT
Dc = 01°00'50"
R = 5,651.42'
T = 269.27'
L = 538.12'
E = 6.41'
Emax = 0.042 (MATCH IR 70)
DS = 70 MPH

J1 **CURVE DATA RAMP J**
P.I. = STA. 112+40.31
Δ = 35°33'43" LT
Dc = 12°00'00"
R = 477.46'
T = 153.12'
L = 296.35'
E = 23.95'
Emax = 0.057
DS = 35 MPH

J2 **CURVE DATA RAMP J**
P.I. = STA. 118+03.57
Δ = 21°30'45" RT
Dc = 04°30'00"
R = 1,273.24'
T = 241.88'
L = 478.06'
E = 22.77'
Emax = 0.054
DS = 50 MPH

J3 **SPIRAL DATA RAMP J**
P.I. = STA. 121+06.46
Ls = 200.00'
Θs = 04°30'00"
LT = 133.38'
ST = 66.71'
x = 199.67'
y = 10.46'
k = 99.98'
p = 1.31'
C = 199.95'
CS = STA. 120+39.75
PT = STA. 122+39.75
C.B. = N62°36'49"E

TR1 **CURVE DATA TAYLOR RD**
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'
E = 7.28'
Emax = NC

TR2 **CURVE DATA TAYLOR RD**
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'
Emax = NC

TR3 **CURVE DATA TAYLOR RD**
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'
Emax = NC

TR4 **CURVE DATA TAYLOR RD**
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'
Emax = NC

TR1-1 **CURVE DATA TAYLOR RD SW**
P.I. = STA. 11+39.95
Δ = 12°45'19" LT
Dc = 05°43'46"
R = 1,000.00'
T = 111.77'
L = 222.62'
E = 6.23'
Emax = NC

TR1-2 **CURVE DATA TAYLOR RD SW**
P.I. = STA. 13+90.69
Δ = 40°13'45"RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'
E = 24.81'
Emax = NC

204-1 **CURVE DATA SR 204**
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'
Emax = 0.02

204-2 **CURVE DATA SR 204**
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'
Emax = 0.054

204-3 **CURVE DATA SR 204**
P.I. = STA. 53+63.63
Δ = 29°39'36" LT
Dc = 06°00'00"
R = 954.93'
T = 252.84'
L = 494.33'
E = 32.91'
Emax = 0.059

WD1 **CURVE DATA WELLESLEY DR**
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
Emax = NC

GDR2 **CURVE DATA - GEORGIAN DR SW**
P.I. = STA. 101+91.35
Δ = 36°35'33" LT
Dc = 20°30'00"
R = 279.49'
T = 92.41'
L = 178.50'
E = 14.88'
eMAX = NC

HF1 **CURVE DATA - HAAF FARM DR**
P.I. = STA. 2+08.71
Δ = 25°50'31" LT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'
eMAX = NC

HF2 **CURVE DATA - HAAF FARM DR**
P.I. = STA. 2+31.26
Δ = 25°50'31" RT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'
eMAX = NC

A PT STA. 43+27.40
B POT STA. 1+00.00
C PC STA. 1+47.78
D PRC STA. 1+89.73
E PT STA. 2+16.26
F PC STA. 4+55.59
G PRC STA. 5+11.87
H PCC STA. 5+54.44
I POT STA. 6+00.00
J PT STA 64+19.21
K PC STA. 62+57.85
L PC STA. 28+65.36
M PT STA. 77+09.36
N PC STA. 63+29.14
O PC STA. 109+72.43
P PT STA. 112+58.58
Q PC STA. 110+87.19
R PT STA. 108+25.42
S PC STA. 115+53.01
T PI STA. 17+56.86
Δ = 00°21'24" (RT)
NO CURVE
U POT STA. 100+00.00
V PC STA. 100+98.94
W PT STA. 102+77.44
X PT STA. 15+17.98
Y PC STA. 40+45.97
Z PT STA. 47+75.36
AA PC STA. 51+10.79
AB PC STA. 27+66.91
AC PT STA. 30+12.57
AD PT STA. 35+24.58
AE PT STA. 39+01.08

CURVE DATA

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0019 TOTAL P.2024

HORIZONTAL/VERTICAL CONTROL							
COORDINATES ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENTS), AS ESTABLISHED UTILIZING A GPS SURVEY TIED TO THE ODOT INS NETWORK. A PROJECT ADJUSTMENT FACTOR OF 1.00005735 WAS APPLIED ABOUT THE ORGIN OF THE COORDINATE SYSTEM (0,0,0) TO OBTAIN GROUND COORDINATES. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ESTABLISHED UTILIZING A LEVEL CIRCUIT ORIGINATING ON C.P. 2000 (ELEV. = 939.00).							
C.P.	REF LINE	STATION	OFFSET	DESCRIPTION	NORTHING (GROUND)	EASTING (GROUND)	ELEVATION
2000	RAMP G	106+57.80	227.11' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	705293.766	1891611.536	939.00
2001	N/A			TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	705643.138	1903926.437	1031.43
2002	IR 70	195+59.70	734.08' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	711233.839	1898670.374	1033.59
2003	ALONG BRICE ROAD			TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	702832.051	1875827.587	790.98
2004	N/A			TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	699178.923	1879411.426	794.34
2005	IR 70	629+48.53	111.49' RT	TYPE A EX CONCRETE MONUMENT FOUND WITH ALUM CAP	703750.652	1880076.735	830.23
2006	IR 70	637+34.22	115.21' RT	TYPE B IRON PIN SET WITH ODOT DISK	703687.187	1880859.863	837.84
2007	IR 70	29+06.08	109.12' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	703460.683	1884141.118	861.79
2008	IR 70	35+84.10	113.98' RT	TYPE B IRON PIN SET WITH ODOT DISK	703528.561	1884834.360	851.61
2009	IR 70	76+56.01	141.75' LT.	TYPE B IRON PIN SET WITH ODOT DISK	704976.162	1888660.009	890.18
2010	IR 70	83+89.09	128.57' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	705184.134	1889363.092	893.59
2011	IR 70	129+97.67	128.33' LT	TYPE B IRON PIN SET WITH ODOT DISK	706725.034	1893659.881	961.36
2012	IR 70	138+31.32	108.10' LT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	707190.047	1894331.471	976.93
2013	IR 70	182+36.85	120.41' RT	TYPE B IRON PIN SET WITH ODOT DISK	709818.267	1897863.900	1020.51
2014	IR 70	188+72.90	125.09' RT	TYPE A IRON PIN SET IN CONCRETE MONUMENT WITH ODOT DISK	710147.326	1898391.870	1030.26

BASIS OF BEARINGS:
BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH, REFERENCED TO THE OHIO STATE PLANE COORDINATE SYATEM (SOUTH ZONE) AND THE NORTH AMERICAN DATUM OR 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GNSS SURVEY AND NGS OPUS SOLUTIONS.

SCHEMATIC PLAN
SURVEY CONTROL DATA

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0020 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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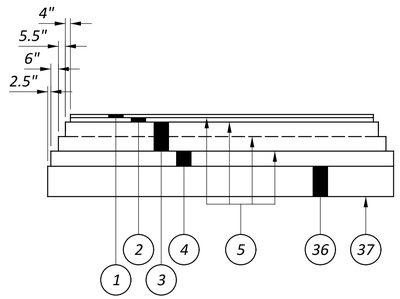
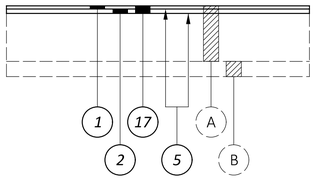
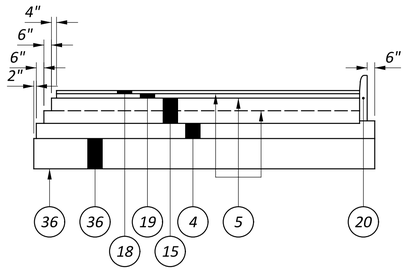


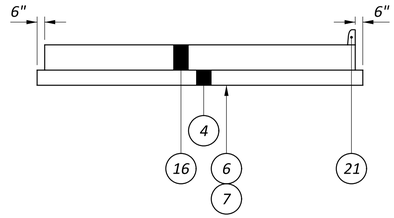
PROPOSED PAVEMENT - IR 70 (P1)



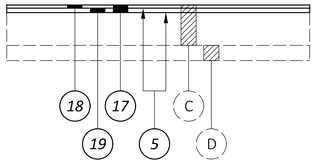
PROPOSED PAVEMENT - IR 70 (P2)



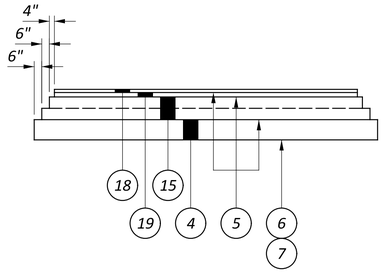
PROPOSED PAVEMENT - SR 256 (P3)



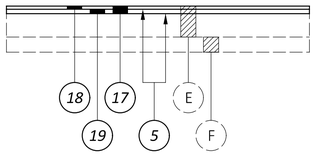
PROPOSED PAVEMENT - RAMPS G, H, I, J/ TAYLOR RD (P4)



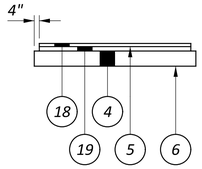
PROPOSED PAVEMENT - SR 256 (P6)



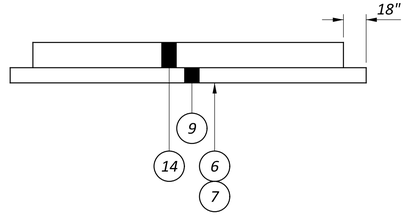
PROPOSED PAVEMENT - SR 204 (P7)



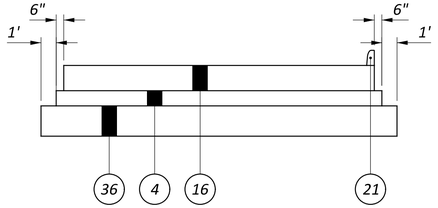
PROPOSED PAVEMENT - SR 204 (P8)



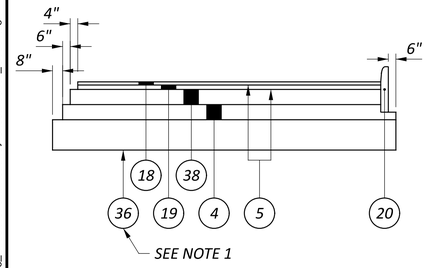
PROPOSED PAVEMENT - SHARED USE PATH (P9)



PROPOSED PAVEMENT - BLACKLICK TRAIL (P10)



PROPOSED PAVEMENT - RAMPS A, B, C, D, E (P11)



PROPOSED PAVEMENT - TAYLOR RD (P12)

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

TYPICAL SECTIONS LEGEND

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0021 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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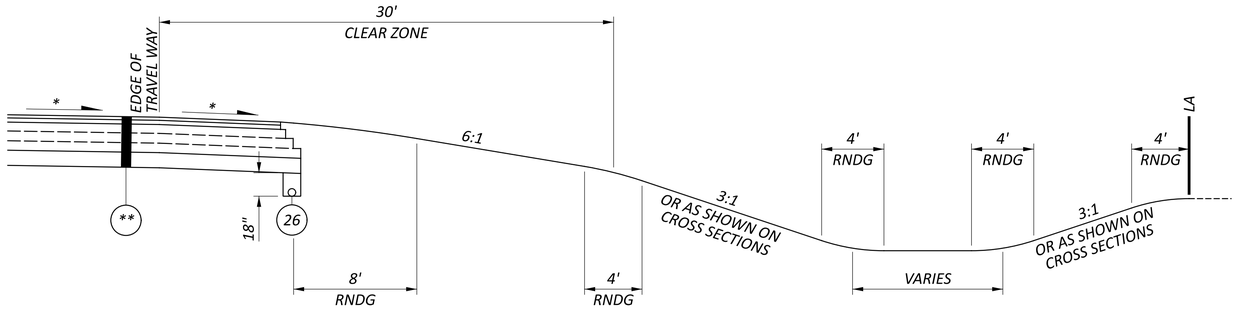
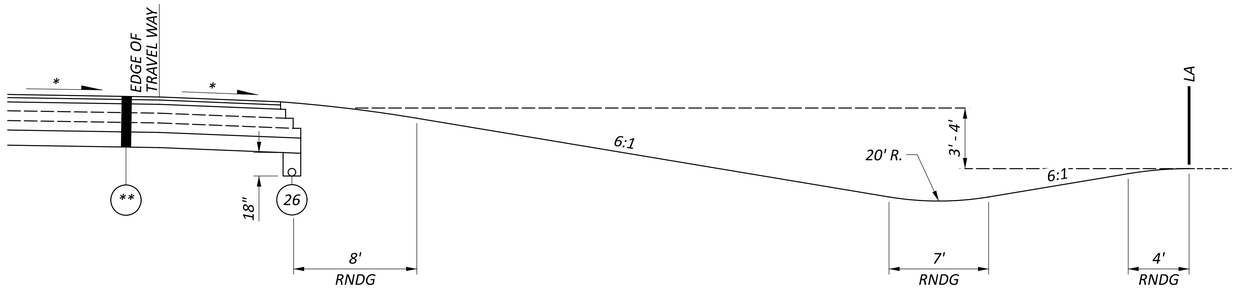
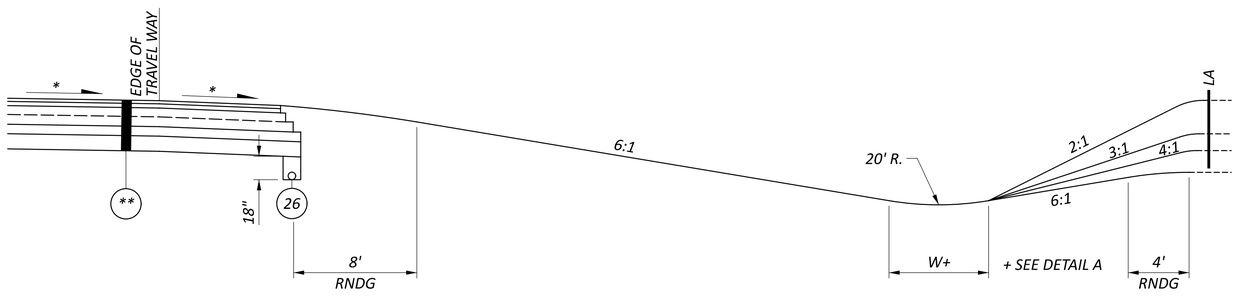


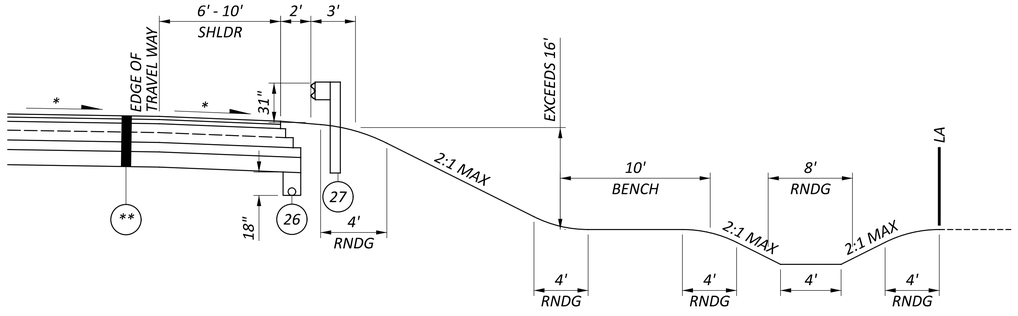
MEDIUM FILL SECTION



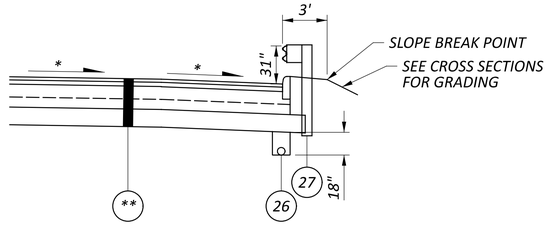
LOW FILL SECTION



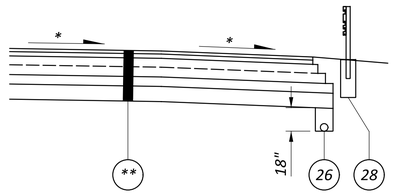
LOW FILL SECTION



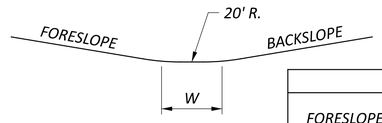
GUARDRAIL DETAIL WITHOUT CURB AND BARRIER GRADING



GUARDRAIL DETAIL WITH CURB



CABLE BARRIER DETAIL



W				
FORESLOPE	BACKSLOPE			
	6:1	4:1	3:1	2:1
6:1	3.33'	4.17'	4.92'	6.42'
4:1	4.17'	5.00'	4.75'	
3:1	4.92'	5.75'	6.50'	

DETAIL A

* - PAVEMENT SLOPE PER TYPICAL SECTIONS OR SUPERELEVATION TABLE
** - PAVEMENT BUILD-UP PER TYPICAL SECTIONS

TYPICAL SECTIONS EDGE COURSE DETAILS

FAI/LIC-IR 70-0.00/0.00

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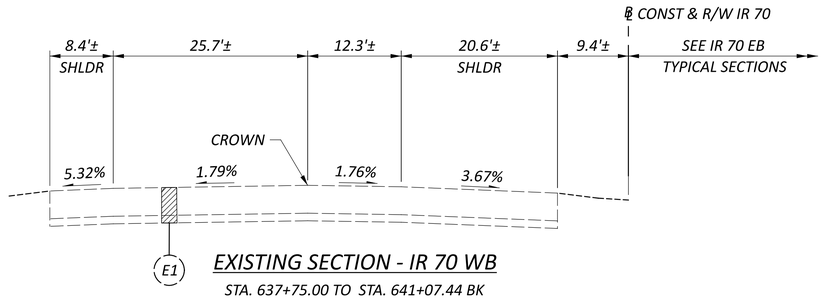
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

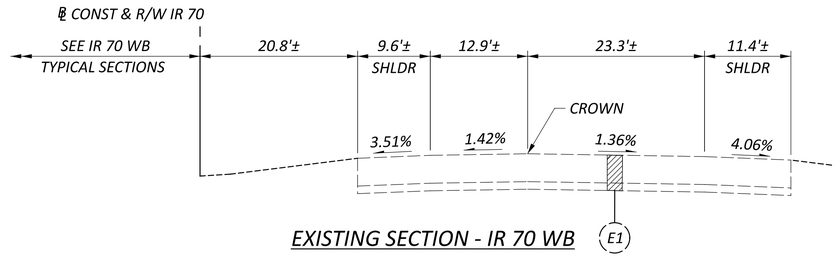
PROJECT ID
96808

SHEET P.0022 TOTAL P.2024



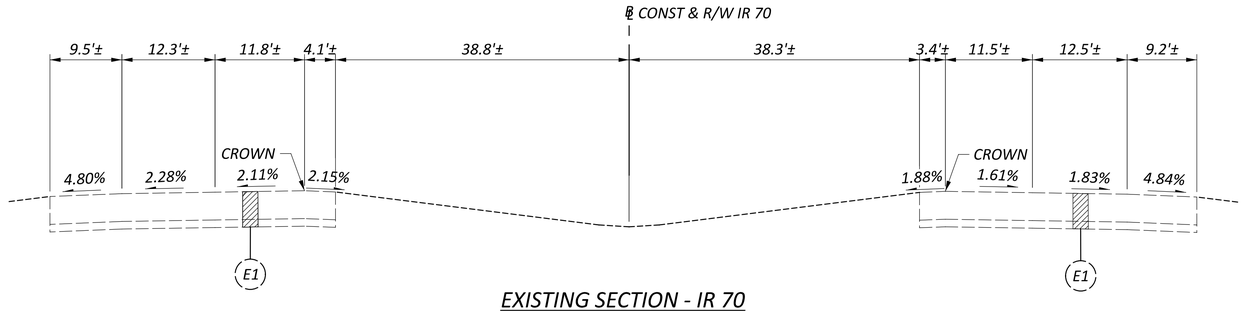
EXISTING SECTION - IR 70 WB

STA. 637+75.00 TO STA. 641+07.44 BK



EXISTING SECTION - IR 70 WB

STA. 641+05.91 TO STA. 641+07.44 BK



EXISTING SECTION - IR 70

STA. 0+00.00 AH TO STA. 182+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

DESIGN AGENCY
INTERAY STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0023 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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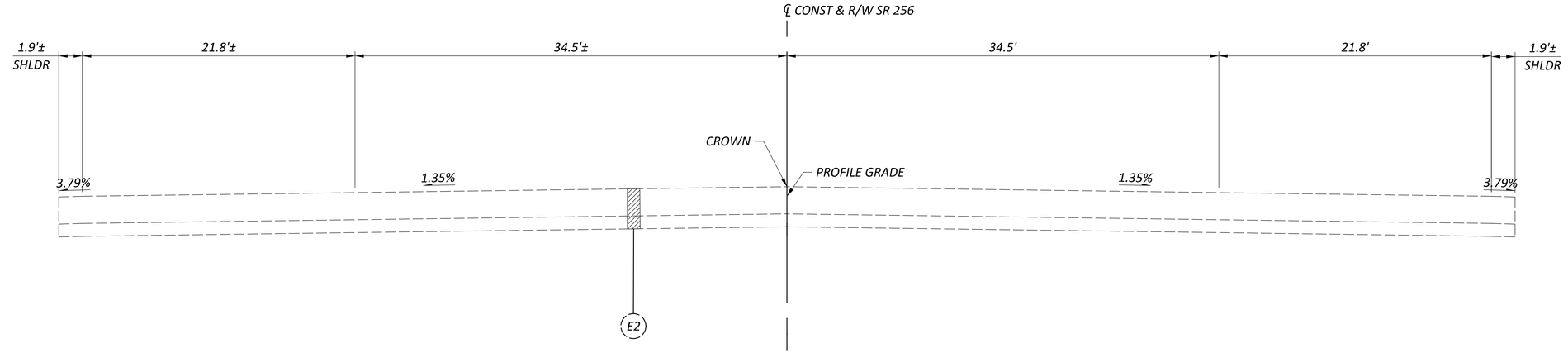
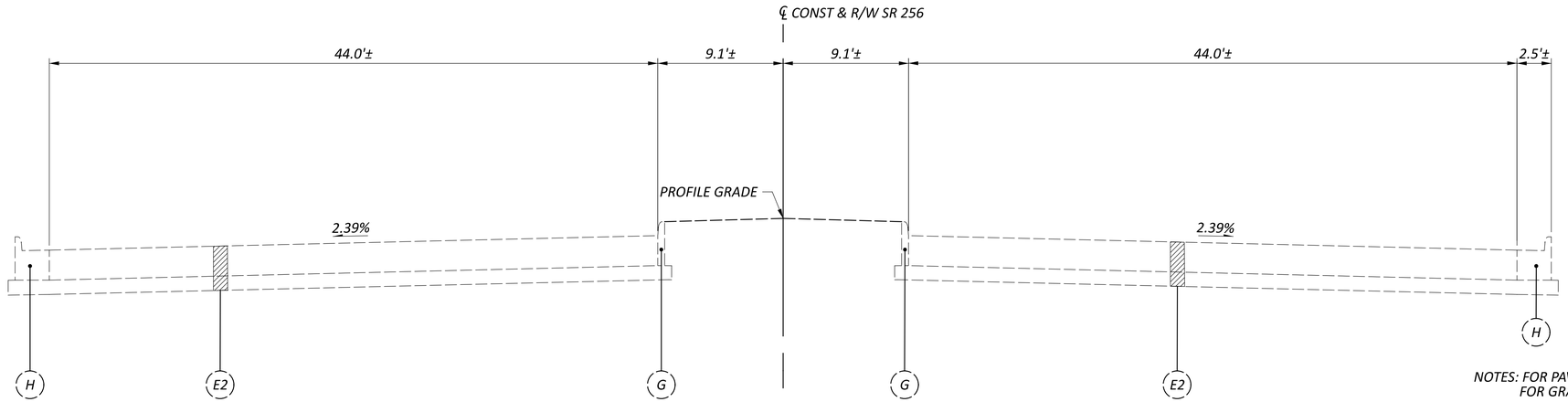


EXISTING SECTION - SR 256

STA. 9+68.00 TO STA. 15+49.07

STA. 18+66.28 TO STA. 28+45.19



EXISTING SECTION - SR 256

STA. 15+49.07 TO STA. 18+66.28

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0024 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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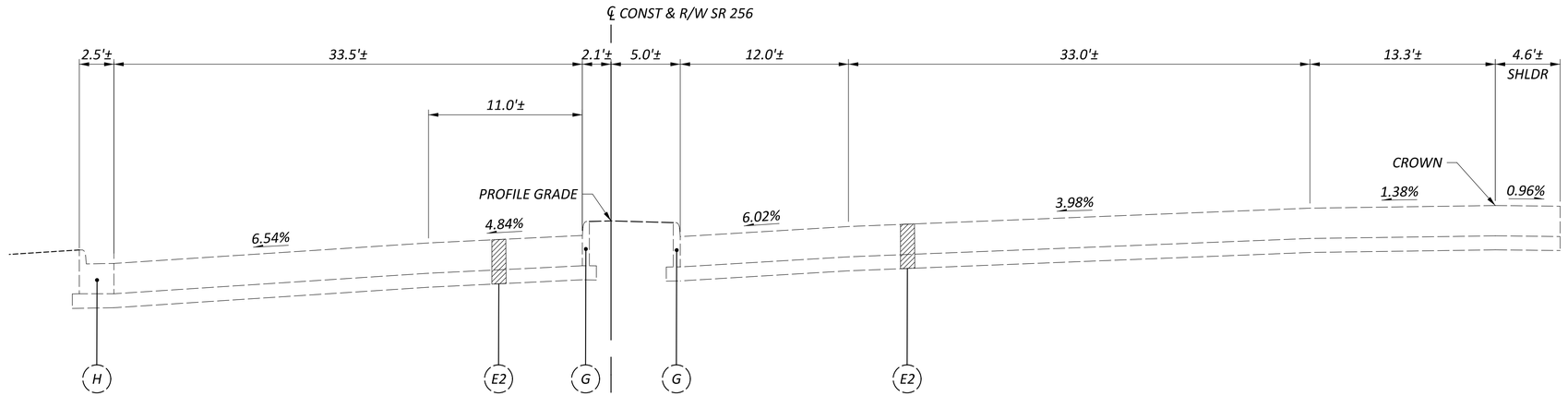
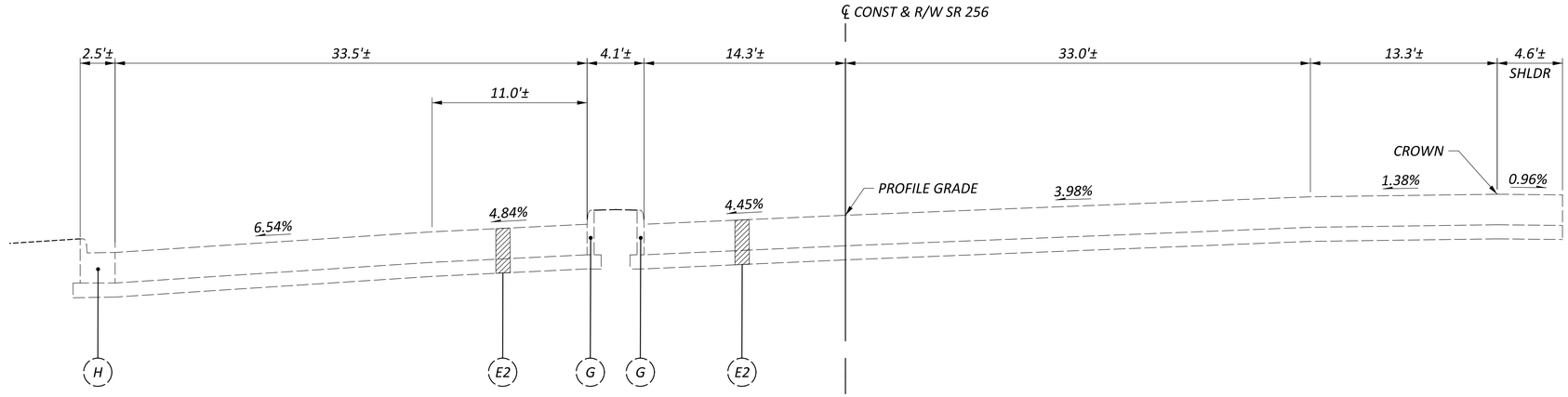


EXISTING SECTION - SR 256

STA. 28+45.19 TO STA. 30+95.00



EXISTING SECTION - SR 256

STA. 31+33.70 TO STA 36+75.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0025 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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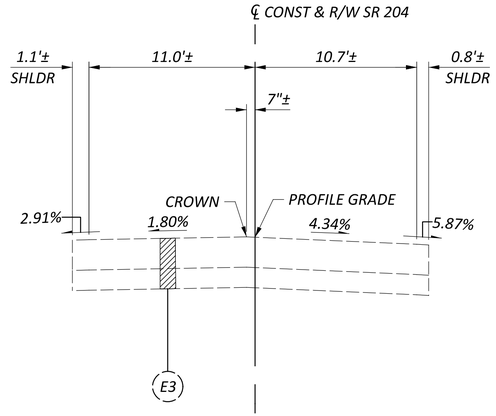
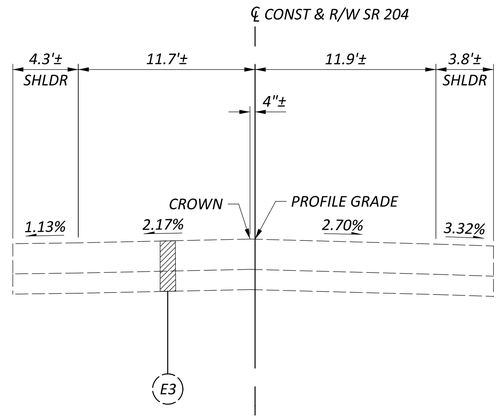


EXISTING SECTION - SR 204

STA. 36+50.00 TO STA. 42+50.00



EXISTING SECTION - SR 204

STA. 42+50.00 TO STA. 48+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC
a WSP firm

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0026 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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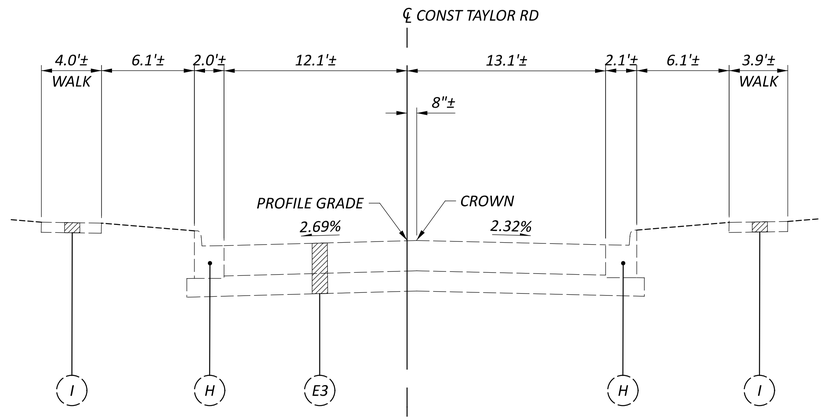
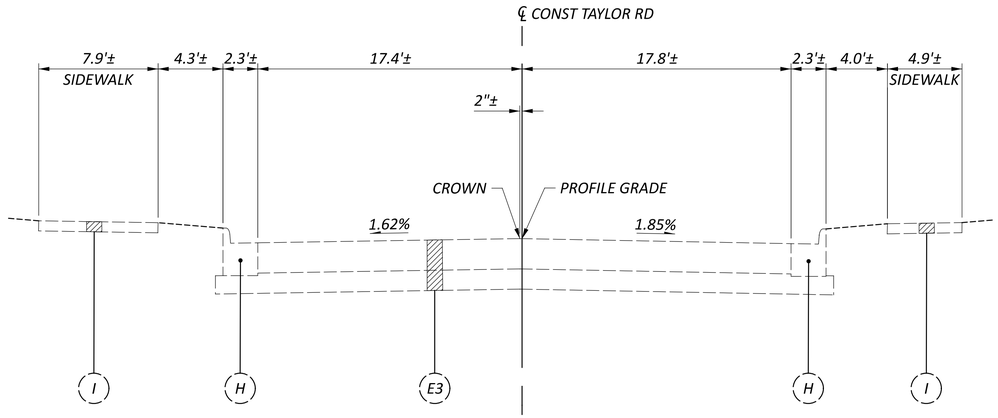


EXISTING SECTION - WELLESLEY RD

STA. 13+33.24 TO STA. 16+08.16



EXISTING SECTION - TAYLOR RD

STA. 16+44.79 TO STA. 29+84.55

STA. 42+47.37 TO STA. 58+05.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

EXISTING TYPICAL SECTIONS

DESIGN AGENCY
STRUCTUREPOINT LLC
A WEIDLINGER COMPANY

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0027 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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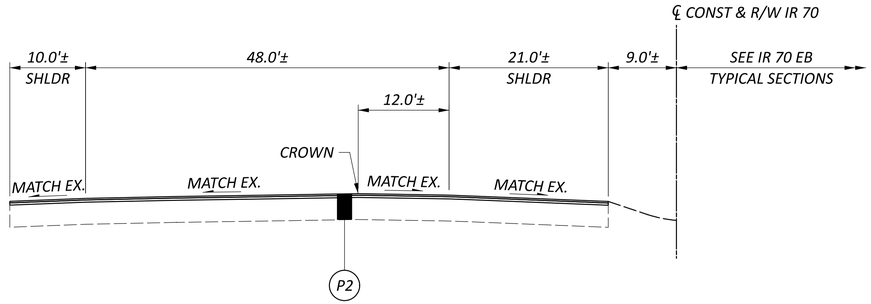
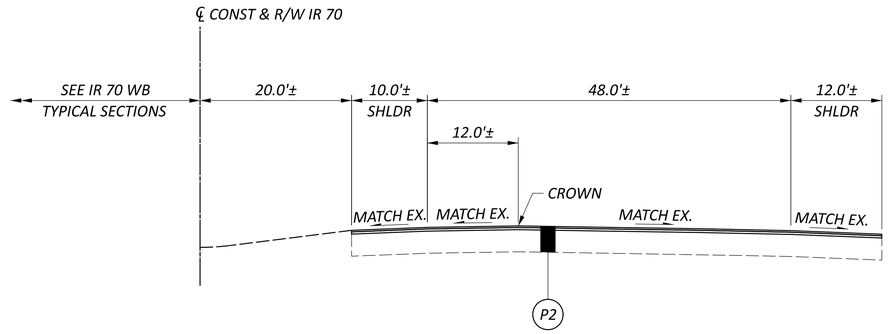


RESURFACING SECTION - IR 70 WB

STA. 619+00.00 TO STA. 637+75.00



RESURFACING SECTION - IR 70 EB

STA. 619+00.00 TO STA. 641+05.19

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0028 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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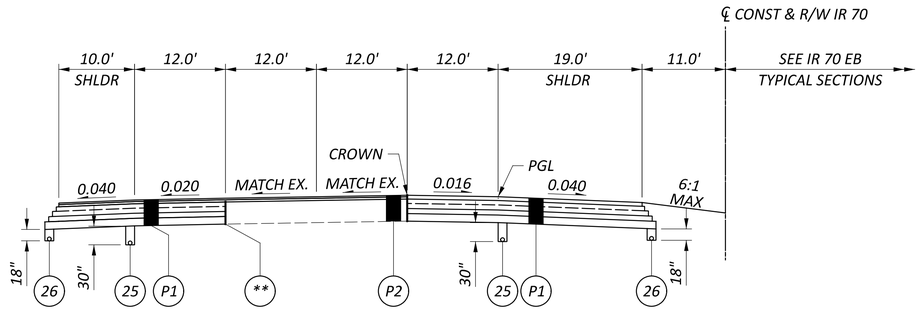


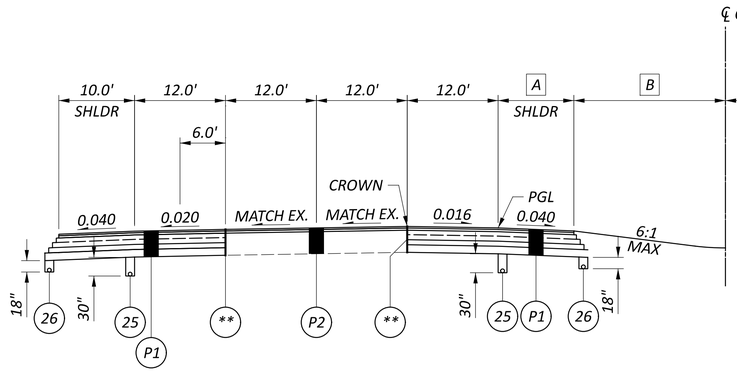
NORMAL SECTION - IR 70 WB

STA. 637+75.00 TO STA. 641+07.44 BK

STA. 0+00.00 AH TO STA. 3+17.21

MEDIAN U-TURN AT STA. 3+30.00
FOR DETAILS, SEE SHEET P.1300

STATION EQUATION
STA. 641+07.44 BK =
STA 0+00.00 AH



NORMAL SECTION - IR 70 WB

STA. 3+17.21 TO STA. 22+00.00

MEDIAN U-TURN AT STA. 3+30.00
SEE SHEET P.0091 FOR DETAILS

A TAPERS FROM 19.0' AT STA. 3+17.21 TO 10.0' AT STA. 4+19.59
10.0' FROM STA. 4+19.59 TO STA. 22+00.00

B TAPERS FROM 11.0' AT STA. 3+17.21 TO 20.0' AT STA. 4+19.59
20.0' FROM STA. 4+19.59 TO STA. 22+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
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(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
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(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0029 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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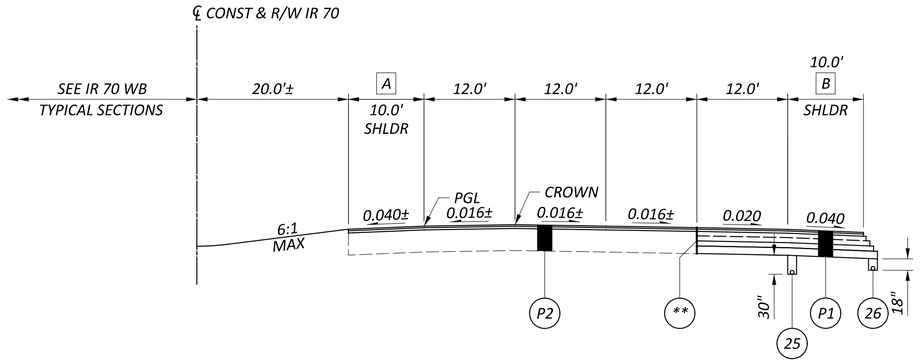


STATION EQUATION
STA. 641+07.44 BK =
STA 0+00.00 AH

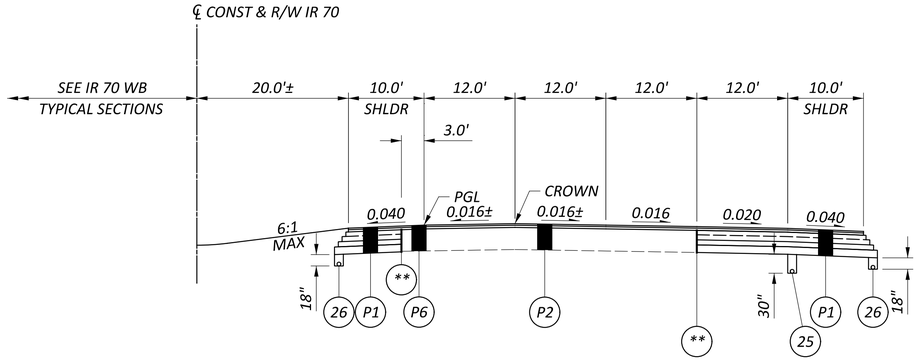
MEDIAN U-TURN AT STA. 3+30.00
SEE SHEET P.0091 FOR DETAILS

NORMAL SECTION - IR 70 EB

STA. 641+05.19 TO STA. 641+07.44 BK
STA. 0+00.00 AH TO STA. 5+50.00

A TAPERS FROM 9.6' AT STA. 641+05.19 TO 10.0' AT STA. 0+67.75
10.0' FROM STA. 0+67.75 TO STA. 5+50.00

B TAPERS FROM 12.0' AT STA. 641+05.19 TO 10.0' AT STA. 0+67.75
10.0' FROM STA. 0+67.75 TO STA. 5+50.00



NORMAL SECTION - IR 70 EB

STA. 5+50.00 TO STA. 15+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
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(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
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(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0030 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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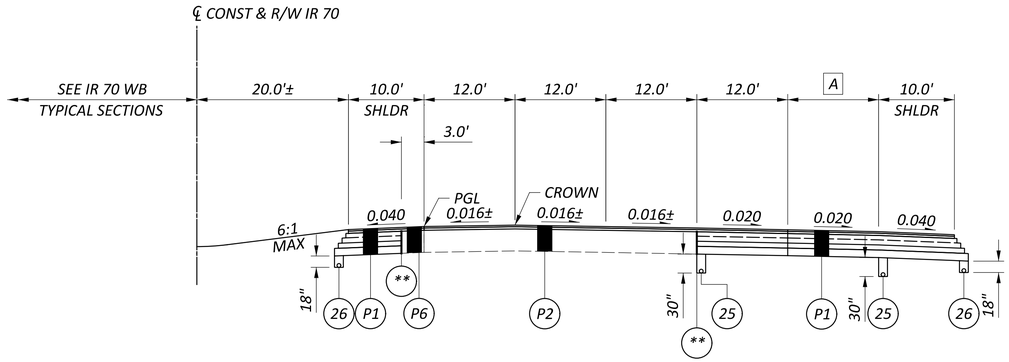
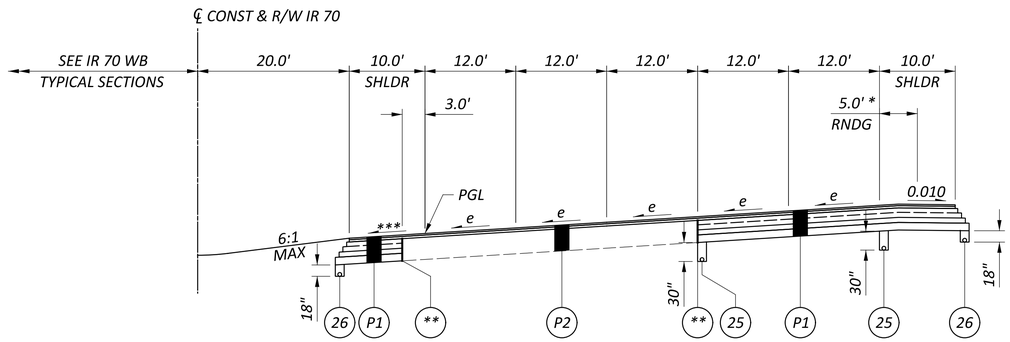


NORMAL SECTION - IR 70 EB

STA. 15+00.00 TO STA. 22+00.00

A TAPERS FROM 0.0' AT STA. 15+00.00 TO 12.0' AT STA. 16+00.00
12.0' FROM STA. 16+00.00 TO STA. 22+00.00



SUPERELEVATED SECTION - IR 70 EB

STA. 22+00.00 TO STA. 23+54.32

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0031 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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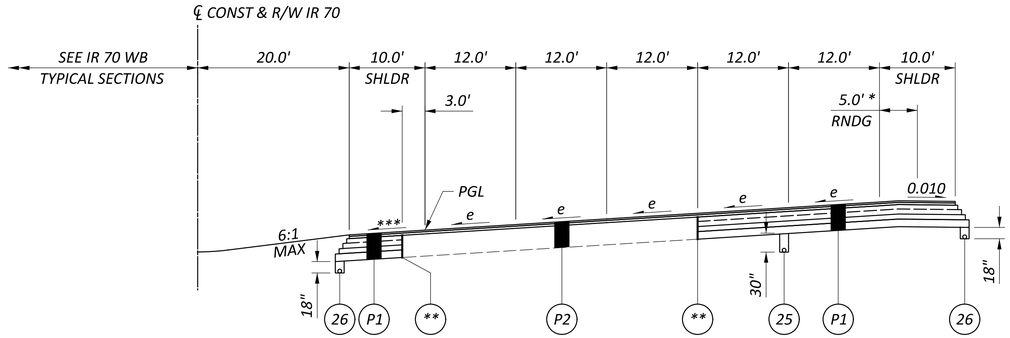


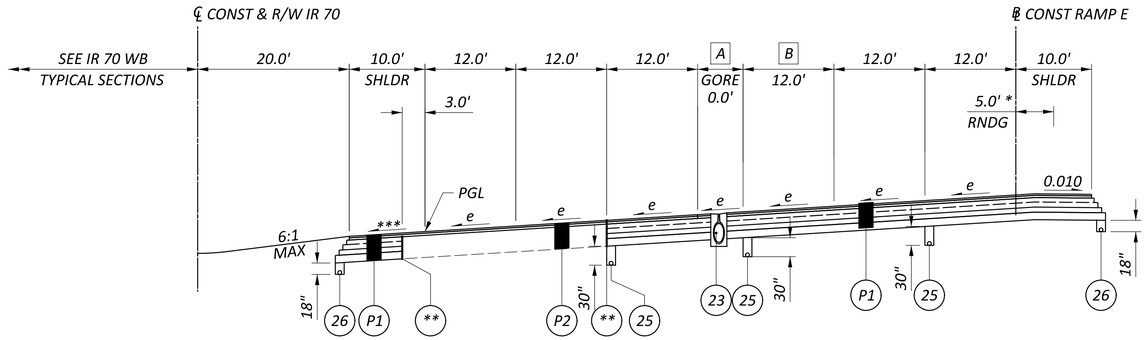
SUPERELEVATED SECTION - IR 70 EB

STA. 23+54.32 TO STA. 30+00.00

e = SUPERELEVATION RATE

* WHEN e ≥ 6.0%
e = SUPERELEVATION RATE

*** 0.040 OR RATE OF SUPER, IF GREATER.



SUPERELEVATED SECTION - IR 70 EB

STA. 30+00.00 TO STA. 41+00.00

A 0.0' FROM STA. 30+00.00 TO STA. 36+66.06
TAPERS FROM 0.0' AT STA. 36+66.06 TO 20.0' AT STA. 41+00.00

B TAPERS FROM 0.0' AT STA. 30+00.00 TO 12.0' AT STA. 36+66.06
12.0' FROM STA. 36+66.06 TO STA. 41+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0032 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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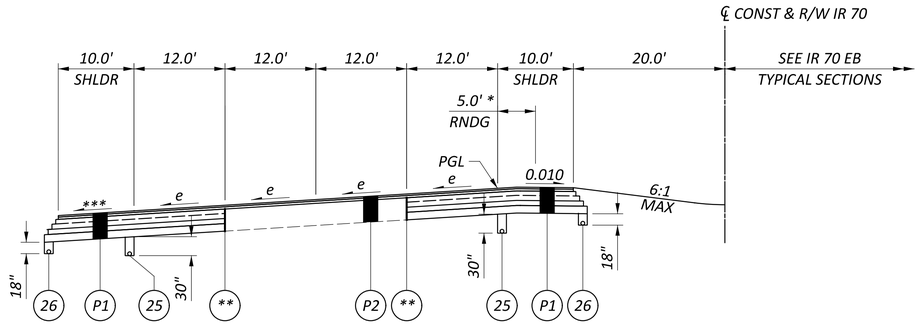
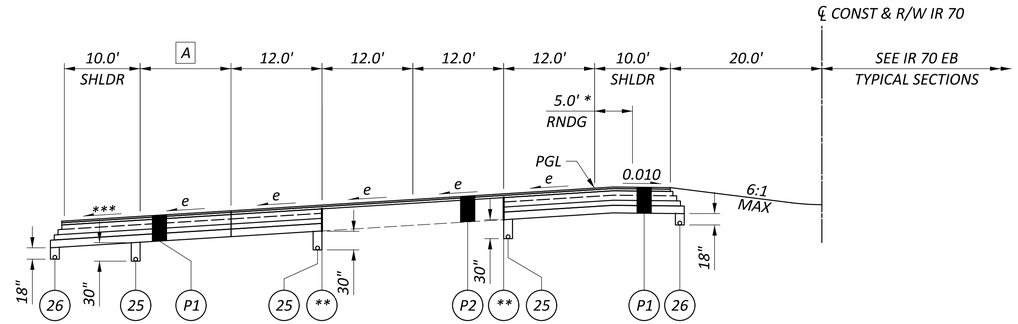


SUPERELEVATED SECTION - IR 70 WB

STA. 22+00.00 TO STA. 23+82.50



SUPERELEVATED SECTION - IR 70 WB

STA. 23+82.50 TO STA. 42+25.00

e = SUPERELEVATION RATE

** WHEN e ≥ 6.0%*
e = SUPERELEVATION RATE

**** 0.040 OR RATE OF SUPER, IF GREATER.*

A TAPERS FROM 0.0' AT STA. 23+82.50 TO 12.0' AT STA. 29+82.50
12.0' FROM STA. 29+82.50 TO STA. 42+25.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
37. *ITEM 204 - PROOF ROLLING*
38. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A. EXIST 15"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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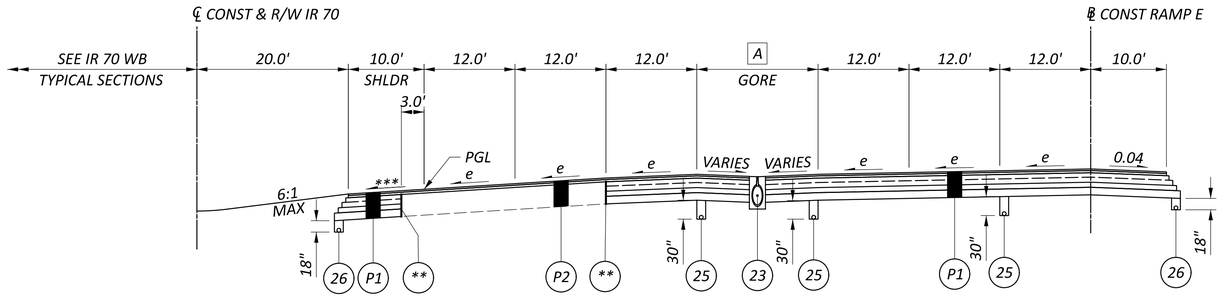
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0033 TOTAL P.2024

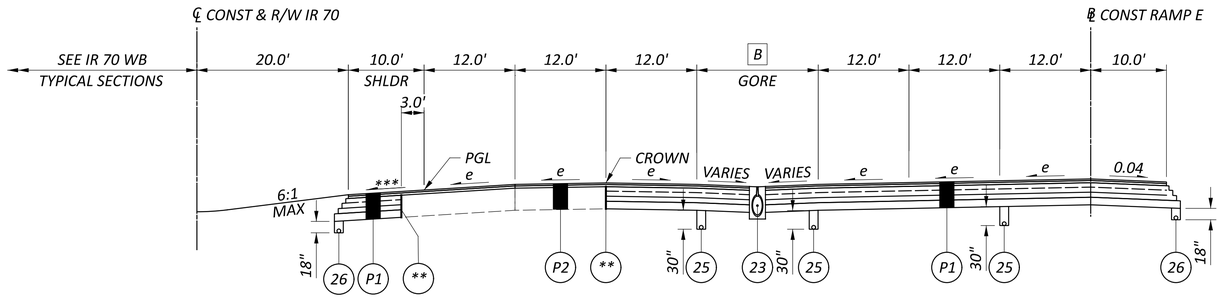


SUPERELEVATED SECTION - IR 70 EB

STA. 41+00.00 TO STA. 41+84.38

A TAPER FROM 20.0' AT STA. 41+00.00 TO 22.7' AT STA. 41+84.38

e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.



SUPERELEVATED SECTION - IR 70 EB

STA. 41+84.38 TO STA. 42+46.16

B VARIES FROM 22.7' AT STA. 41+84.38 TO 23.7' AT STA. 42+46.16

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
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(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
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(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: AJO
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0034 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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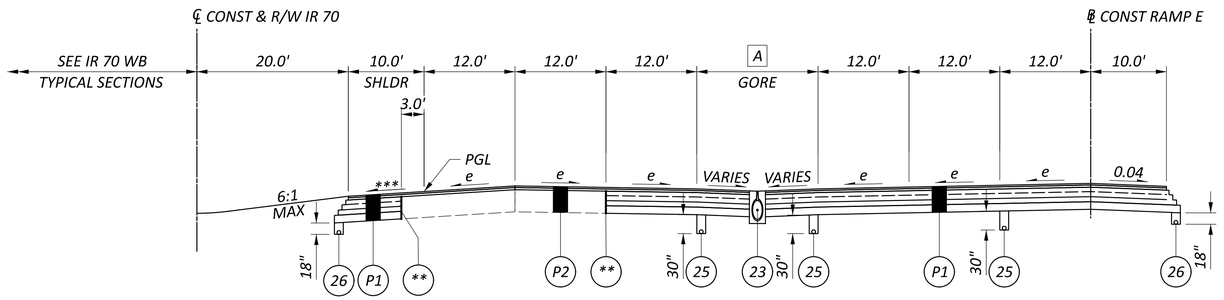

SUPERELEVATED SECTION - IR 70 EB

STA. 42+46.16 TO STA. 43+50.00

A TAPERS FROM 23.7' AT STA. 42+46.16 TO 24.0' AT STA. 43+00.48
24.0' FROM STA. 43+00.48 TO STA. 43+50.00

e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0035 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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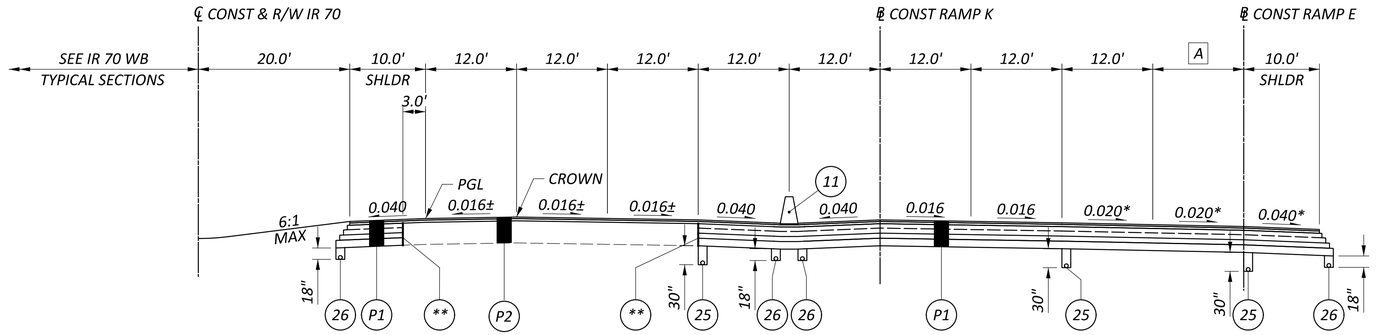


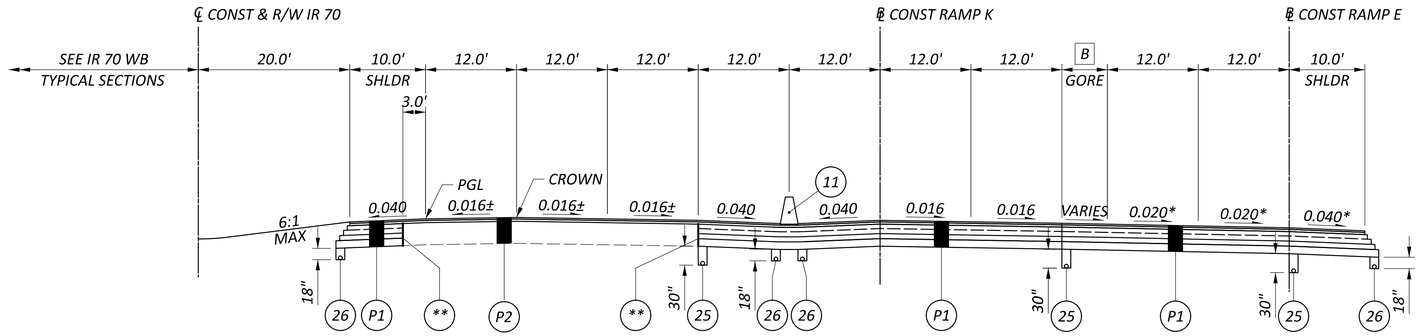
NORMAL SECTION - IR 70 EB

STA. 43+50.00 TO STA. 49+75.00

A 0.0' FROM STA. 43+50.00 TO STA. 46+00.00
TAPERS FROM 0.0' AT STA. 46+00.00 TO 12.0' AT STA. 47+00.00
12.0' FROM STA. 47+00.00 TO STA. 49+75.00

* SEE SUPERELEVATION TABLES FOR RAMP RATES

FAI-00070-00.840 R
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049



NORMAL SECTION - IR 70 EB

STA. 49+75.000 TO STA. 55+67.84

B TAPERS FROM 0.0' AT STA. 49+75.00 TO 24.0' AT STA. 55+67.84

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0036 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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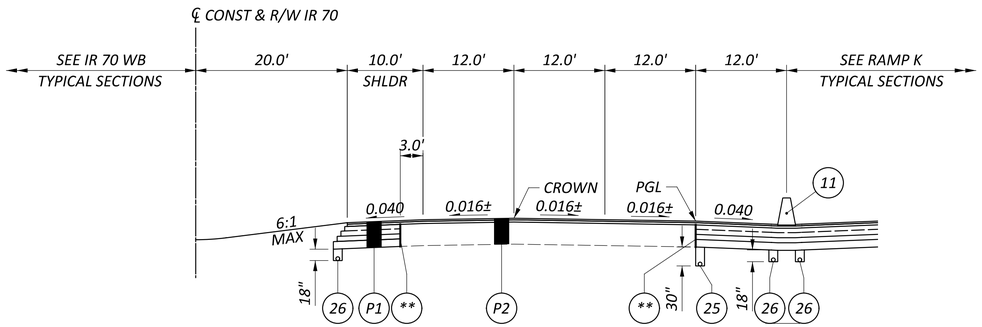
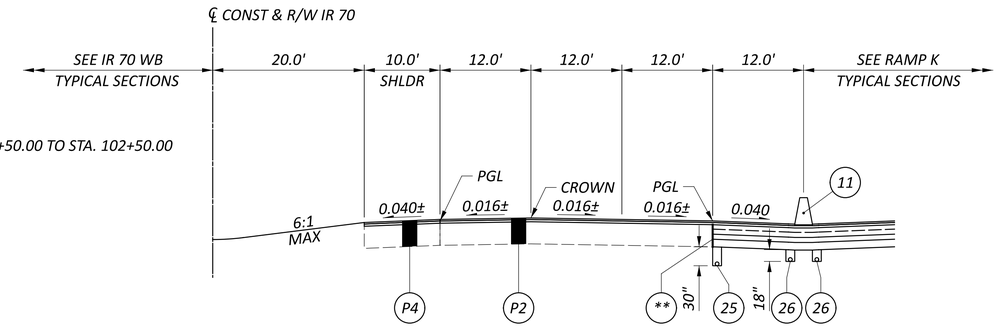


NORMAL SECTION - IR 70 EB

STA. 55+67.84 TO STA. 79+50.00

FAI-00070-01.190 R
APPROACH SLAB = STA. 62+59.12 TO STA. 62+89.12, SEE SHEET P.0049
STRUCTURE = STA. 62+89.12 TO STA. 64+33.16
APPROACH SLAB = STA. 64+33.16 TO STA. 64+63.16, SEE SHEET P.0049



STA. 79+50.00 TO STA. 102+50.00

NORMAL SECTION - IR 70 EB

STA. 79+50.00 TO STA. 102+50.00

A 3.0' FROM STA. 67+00.00 TO STA. 71+00.00
TAPERS FROM 3.0' AT STA. 71+00.00 TO 7.0' AT STA. 75+00.00
7.0' FROM STA. 75+00.00 TO STA. 75+42.76
7.0' FROM STA. 75+42.76 TO STA. 76+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0037 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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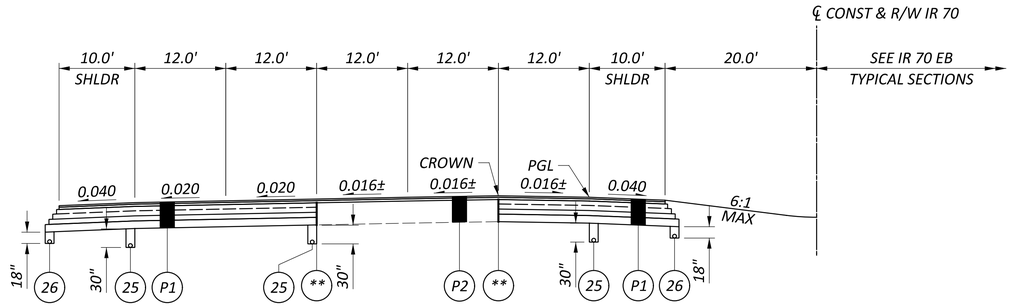
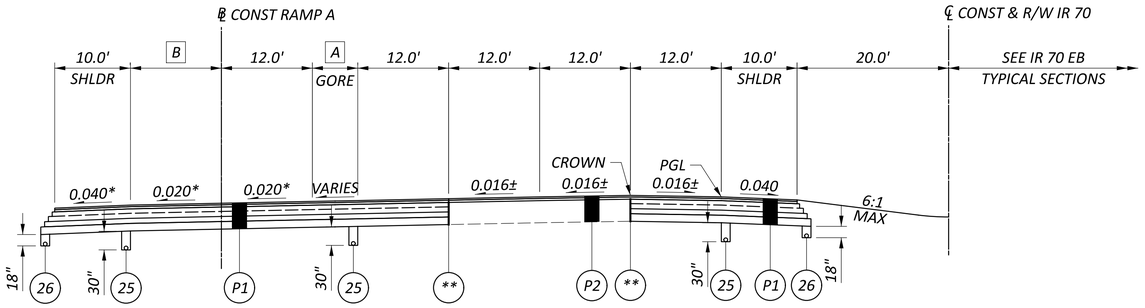


NORMAL SECTION - IR 70 WB

STA. 42+25.00 TO STA. 48+82.50

FAI-00070-00.840 L
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049

* SEE SUPERELEVATION TABLES FOR RAMP RATES



NORMAL SECTION - IR 70 WB

STA. 48+82.50 TO STA. 57+24.87

A TAPERS FROM 0.0' AT STA. 48+82.50 TO 24.0' AT STA. 57+24.87

B TAPERS FROM 10.4' AT STA. 54+00.00 TO 24.0' AT STA. 57+24.87

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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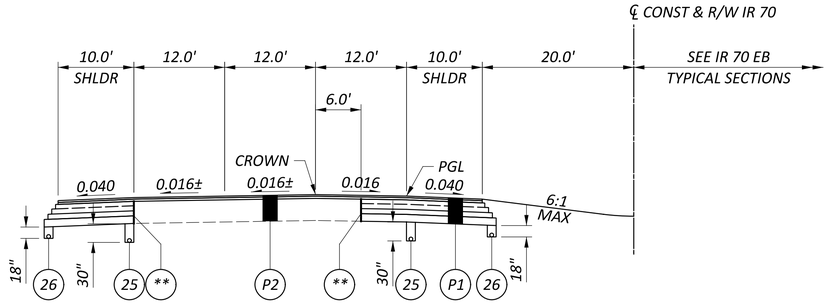
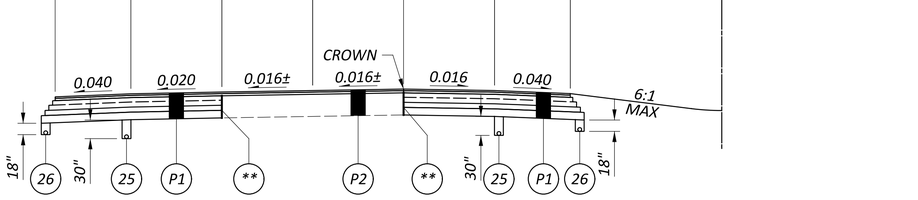
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0038 TOTAL P.2024



NORMAL SECTION - IR 70 WB

STA. 57+24.87 TO STA. 58+00.00



NORMAL SECTION - IR 70 WB

STA. 58+00.00 TO STA. 64+00.00

A TAPERS FROM 0.0' AT STA. 58+00.00 TO 12.0' AT STA. 64+00.00

FAI-00070-01.190 L
APPROACH SLAB = STA. 62+71.87 TO STA. 63+01.87, SEE SHEET P.0049
STRUCTURE = STA. 63+01.87 TO STA. 64+45.92

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0039 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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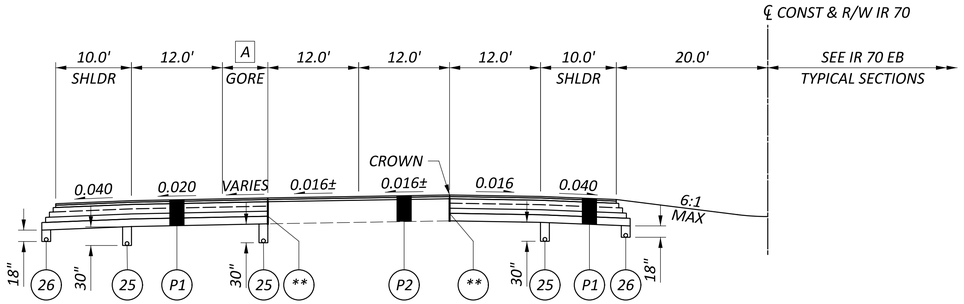

NORMAL SECTION - IR 70 WB

STA. 64+00.00 TO STA. 72+50.00

A VARIES FROM 0.0' AT STA. 64+00.00 TO 17.0' AT STA. 72+50.00

FAI-070-0119 L
STRUCTURE = STA. 64+45.92 TO STA. 64+75.92
APPROACH SLAB = STA. 63+01.87 TO STA. 64+45.92, SEE SHEET P.0049

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0040 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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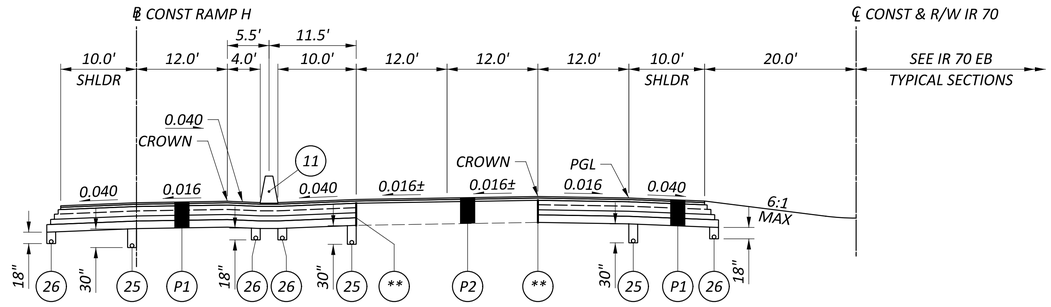
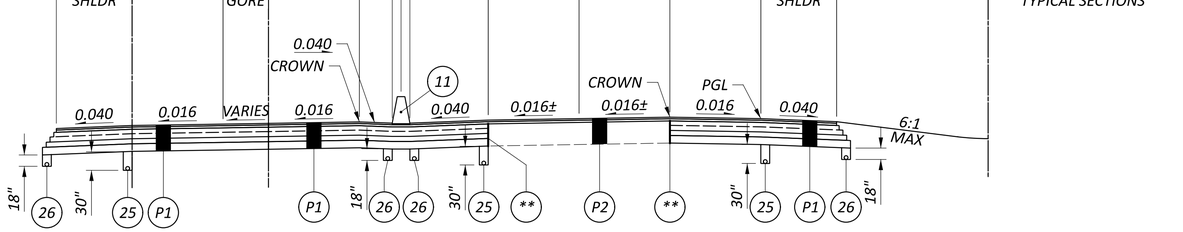


NORMAL SECTION - IR 70 WB

STA. 72+50.00 TO STA. 72+94.95



NORMAL SECTION - IR 70 WB

STA. 72+94.95 TO STA. 77+22.13

* SEE SUPERELEVATION TABLES FOR RAMP RATES
\#\# ℄ CONST RAMP B ENDS AT STA. 77+22.13

A TAPERS FROM 20.0' AT STA. 72+94.95 TO 0.0' AT STA. 77+22.13 (RAMP H)

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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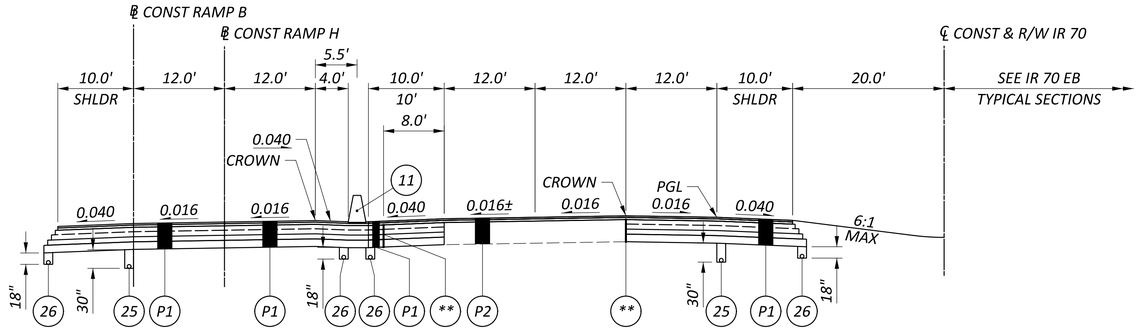
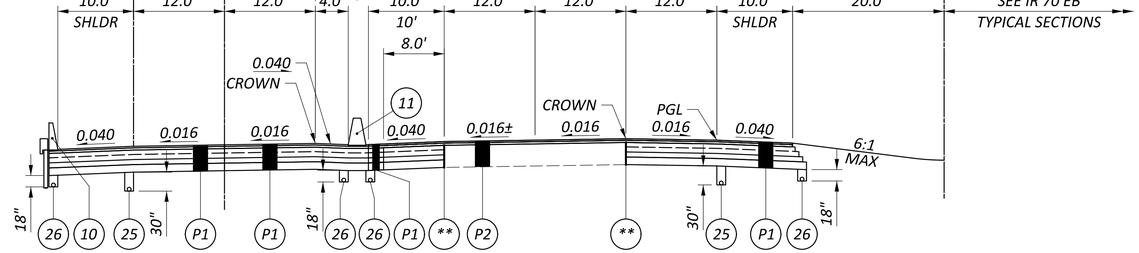
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	AJO
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0041
TOTAL	P.2024



NORMAL SECTION - IR 70 WB

STA. 77+22.13 TO STA. 92+50.00



NORMAL SECTION - IR 70 WB

STA. 92+50.00 TO STA. 103+00.00

* SEE SUPERELEVATION TABLES FOR RAMP RATES
\#\# ℄ CONST RAMP B ENDS AT STA. 77+22.13

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0042 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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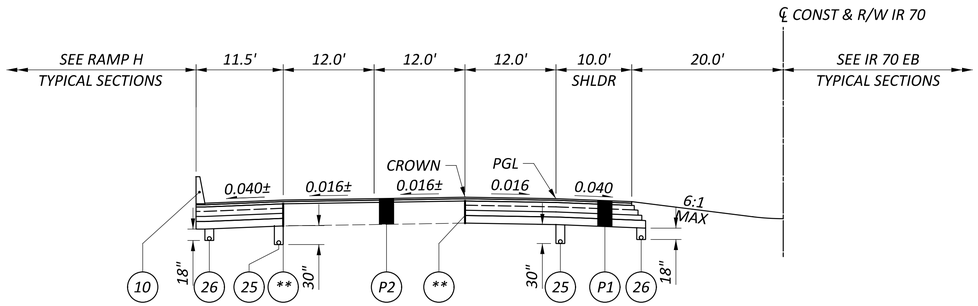
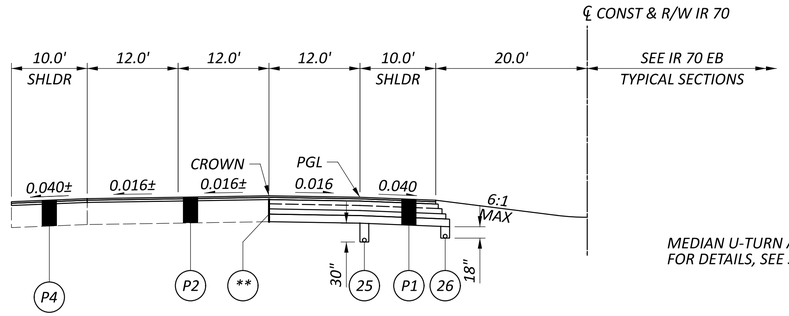


NORMAL SECTION - IR 70 WB

STA. 103+00.00 TO STA. 106+00.00



NORMAL SECTION - IR 70 WB

STA. 106+00.00 TO STA. 113+50.00

MEDIAN U-TURN AT STA. 109+50.00
FOR DETAILS, SEE SHEET P.0092

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- **. SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A. EXIST 15"± ASPHALT CONCRETE
- B. EXIST 6"± AGGREGATE
- C. EXIST 13"± ASPHALT CONCRETE
- D. EXIST 6"± AGGREGATE
- E. EXIST 12"± ASPHALT CONCRETE
- F. EXIST 8"± AGGREGATE
- G. EXIST CURB
- H. EXIST CURB AND GUTTER
- I. EXIST 4" CONCRETE SIDEWALK
- J. EXIST 9.25"± ASPHALT CONCRETE
- K. EXIST 3"± ASPHALT CONCRETE
- L. EXIST 9"± REIN PORTLAND CONCRETE

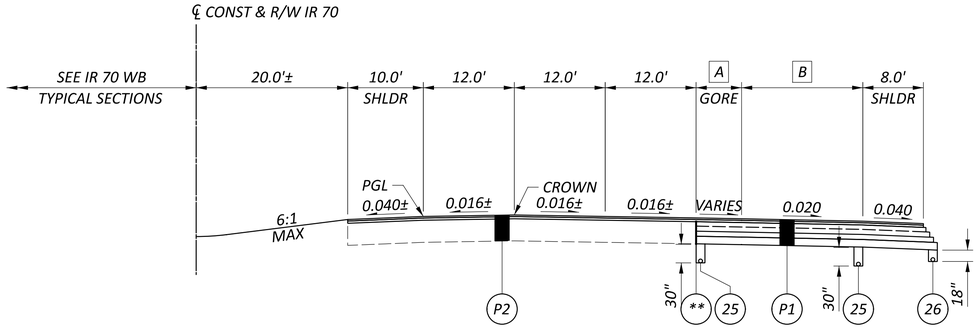
PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:38:28 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808401-Engineering_StructurePoint\Roadway\Sheets\96808_GY108.dgn

DESIGN AGENCY
MORPHEN STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0043 TOTAL P.2024



NORMAL SECTION - IR 70 EB

STA. 102+50.00 TO STA. 113+50.00

e = SUPERELEVATION RATE

* SEE SUPERELEVATION TABLES FOR RAMP RATES

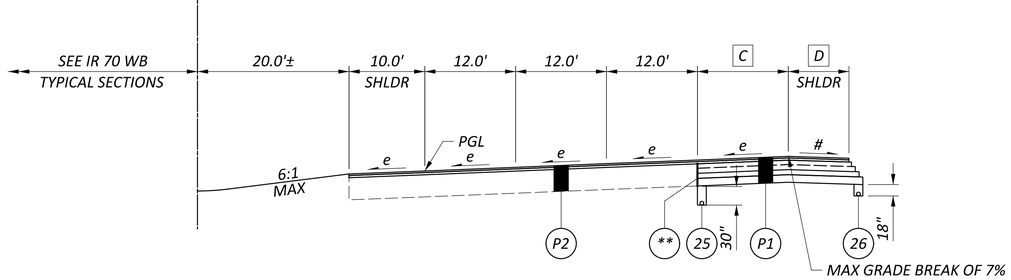
\## ℄ CONST RAMP J ENDS AT STA. 122+40.08

\# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A TAPERS FROM 18.0' AT STA. 102+50.00 TO 0.0' AT STA. 111+49.91
0.00' FROM STA. 111+49.91 TO STA. 113+50.00

B 16.0' FROM STA. 102+50.00 TO STA. 111+49.91
TAPERS FROM 16.0' AT STA. 111+49.91 TO 12.0' AT STA. 113+50.00

MEDIAN U-TURN AT STA. 109+50.00
SEE SHEET P.0092 FOR DETAILS



SUPERELEVATED SECTION - IR 70 EB

STA. 113+50.00 TO STA. 120+45.96

C TAPERS FROM 12.0' AT STA. 113+50.00 TO 0.0' AT STA. 119+46.98
0.0' FROM STA. 119+46.98 TO STA. 120+45.96

D 8.0' FROM STA. 113+50.00 TO STA. 118+49.94
TAPERS FROM 8.0' AT STA. 118+49.94 TO 10.0' AT STA. 119+46.98
10.00' FROM STA. 119+46.98 TO STA. 120+45.96

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0044 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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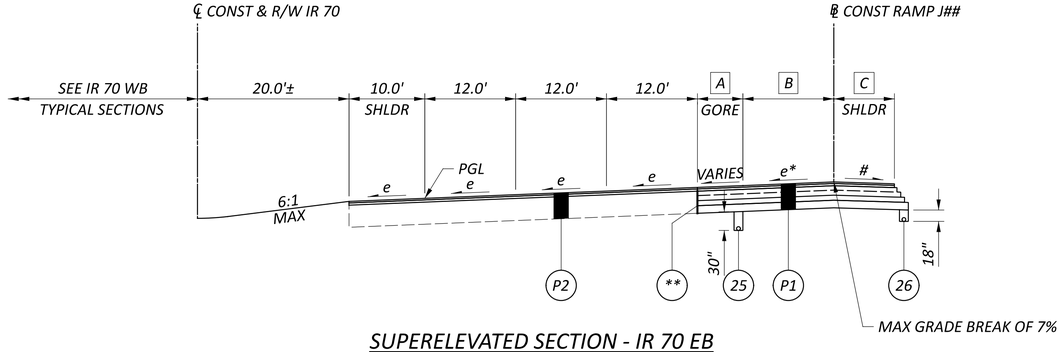
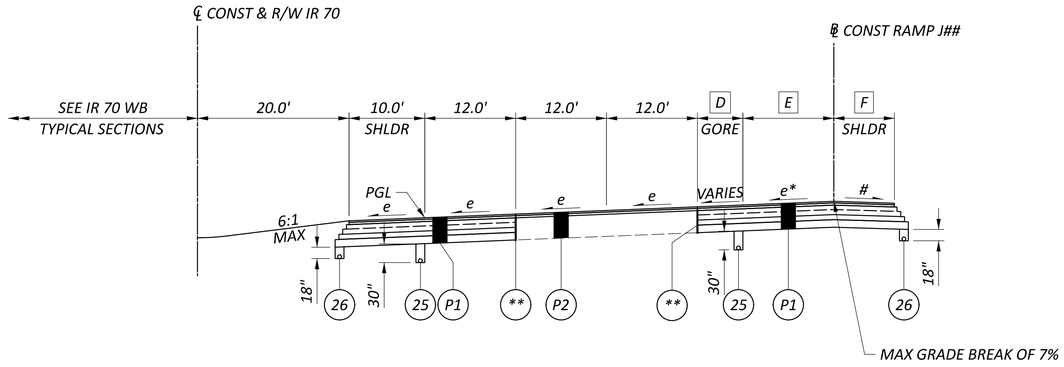


SUPERELEVATED SECTION - IR 70 EB

STA. 120+45.96 TO STA. 123+00.00



SUPERELEVATED SECTION - IR 70 EB

STA. 123+00.00 TO STA. 135+10.00

e = SUPERELEVATION RATE

** SEE SUPERELEVATION TABLES FOR RAMP RATES*
℄ CONST RAMP J ENDS AT STA. 122+40.08
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A TAPERS FROM 23.0' AT STA. 120+45.96 TO 12.2' AT STA. 123+00.00

B TAPERS FROM 16.0' AT STA. 120+45.96 TO 12.0' AT STA. 123+00.00

C 6.0' FROM STA. 120+45.96 TO STA. 121+91.13
TAPERS FROM 6.0' AT STA. 121+91.13 TO 8.0' AT STA. 122+40.28
8.0' FROM STA. 122+40.28 TO STA. 123+00.00

D TAPERS FROM 12.2' AT STA. 123+00.00 TO 0.0' AT STA. 127+49.98
0.0' FROM STA. 127+49.98 TO STA. 135+10.00

E TAPERSFROM 12.0' AT STA. 123+00.00 TO 0.0' AT STA. 135+10.00

F 8.0' FROM STA. 123+00.00 TO STA. 134+10.50
TAPERS FROM 8.0' AT STA. 134+10.50 TO 10.0' AT STA. 135+10.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
37. *ITEM 204 - PROOF ROLLING*
38. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A. EXIST 15"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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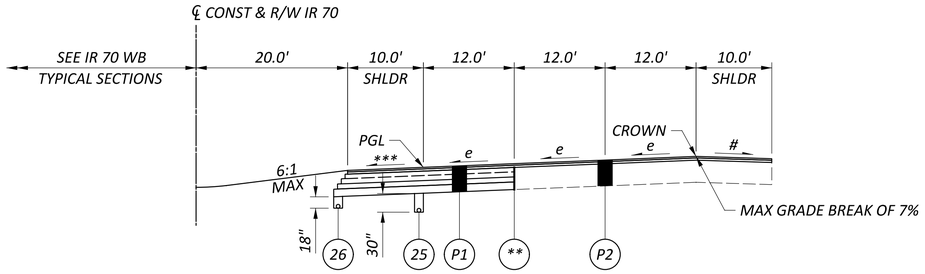
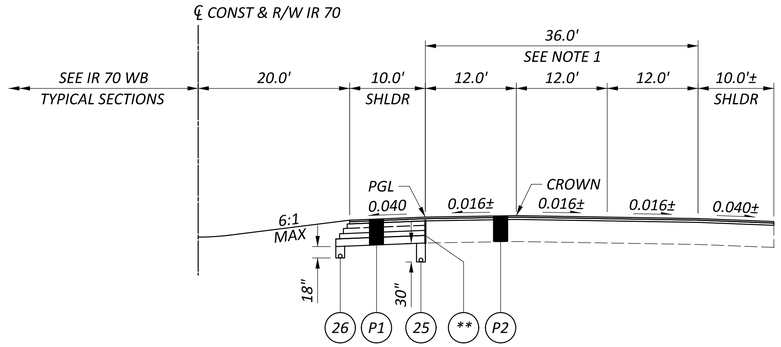
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER
AJO
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0045 TOTAL P.2024



SUPERELEVATED SECTION - IR 70 EB

STA. 135+10.00 TO STA. 139+75.00



NORMAL SECTION - IR 70 EB

STA. 139+75.00 TO STA. 167+00.00

NOTES:
1. PAVEMENT WIDTH SHALL REMAIN 36' THROUGH LANE SHIFTS. SEE TRAFFIC CONTROL SHEETS FOR DETAILS.

e = SUPERELEVATION RATE
* SEE SUPERELEVATION TABLES FOR RAMP RATES
*** 0.040 OR RATE OF SUPER IF GREATER
\# VARIES 0.04 TO 0.01 BASED ON GRADE BREAK

LIC-00070-00.740 R
APPROACH SLAB = STA. 164+60.13 TO STA. 164+90.13, SEE SHEET P.0050
STRUCTURE = STA. 164+90.13 TO STA. 165+97.01
APPROACH SLAB = STA. 165+97.01 TO STA. 166+27.01, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22

CJ. CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ. LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
**. SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A. EXIST 15"± ASPHALT CONCRETE
B. EXIST 6"± AGGREGATE
C. EXIST 13"± ASPHALT CONCRETE
D. EXIST 6"± AGGREGATE
E. EXIST 12"± ASPHALT CONCRETE
F. EXIST 8"± AGGREGATE
G. EXIST CURB
H. EXIST CURB AND GUTTER
I. EXIST 4" CONCRETE SIDEWALK
J. EXIST 9.25"± ASPHALT CONCRETE
K. EXIST 3"± ASPHALT CONCRETE
L. EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
MERIDEN STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0046 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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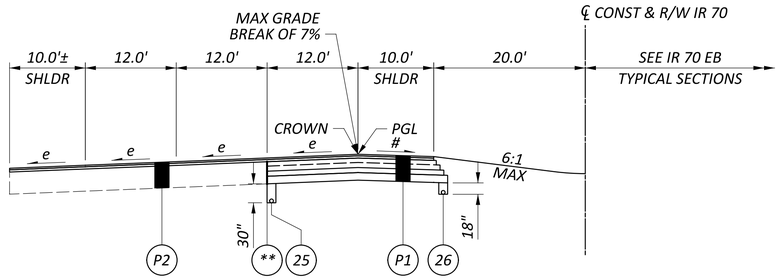
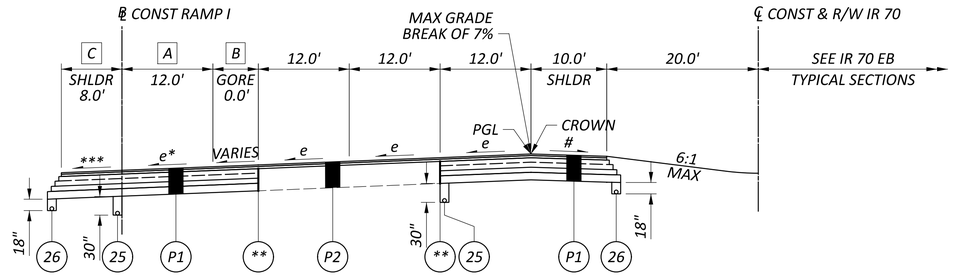


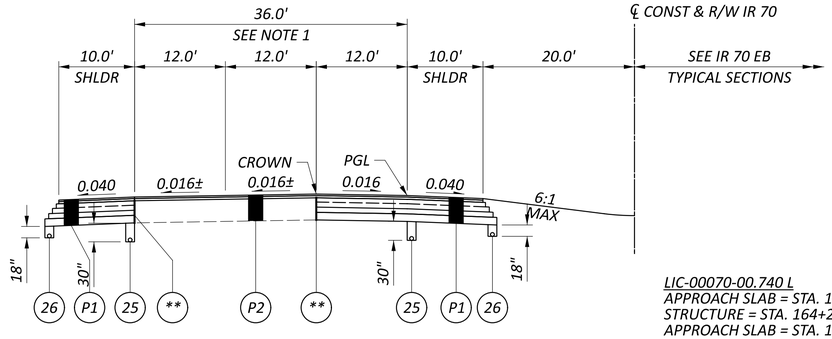
SUPERELEVATED SECTION - IR 70 WB

STA. 113+50.00 TO STA. 124+85.56



SUPERELEVATED SECTION - IR 70 WB

STA. 124+85.56 TO STA. 139+75.00



NORMAL SECTION - IR 70 WB

STA. 139+75.00 TO STA. 167+00.00

NOTES:
1. *PAVEMENT WIDTH SHALL REMAIN 36' THROUGH LANE SHIFTS. SEE TRAFFIC CONTROL SHEETS FOR DETAILS.*

e = SUPERELEVATION RATE
** SEE SUPERELEVATION TABLES FOR RAMP RATES*
**** 0.040 OR RATE OF SUPER IF GREATER*
 # VARIES 0.04 TO 0.01 BASED ON GRADE BREAK

A 16.00' FROM STA. 124+85.56 TO STA. 128+35.72
TAPERS FROM 16.0' AT STA. 128+35.72 TO 12.0' AT STA. 130+61.88
12.0' FROM STA. 130+61.88 TO STA. 136+00.00
TAPERS FROM 12.0' AT STA. 136+00.00 TO 0.0' AT STA. 137+00.00
0.00' FROM STA. 137+00.00 TO STA. 139+75.00

B TAPERS FROM 23.0' AT STA. 124+85.56 TO 0.0' AT STA. 128+35.72
0.0' FROM STA. 128+35.72 TO STA. 139+75.00

C TAPERS FROM 8.0' AT STA. 136+00.00 TO 10.0' AT STA. 137+00.00
10.0' FROM STA. 137+00.00 TO STA. 139+75.00

LIC-00070-00.740 L
APPROACH SLAB = STA. 163+97.99 TO STA. 164+27.99, SEE SHEET P.0050
STRUCTURE = STA. 164+27.99 TO STA. 165+34.87
APPROACH SLAB = STA. 165+34.87 TO STA. 165+64.87, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

FAI/LIC-IR 70-0.00/0.00

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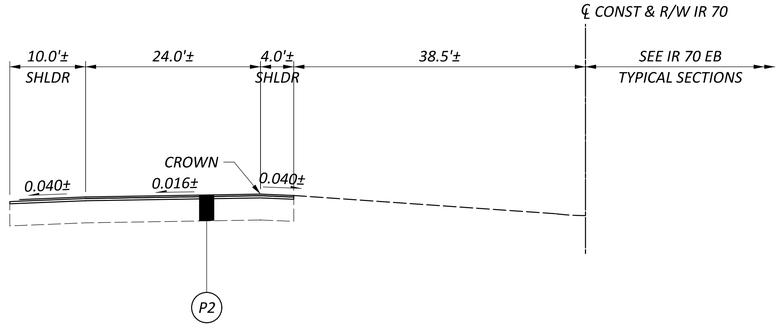
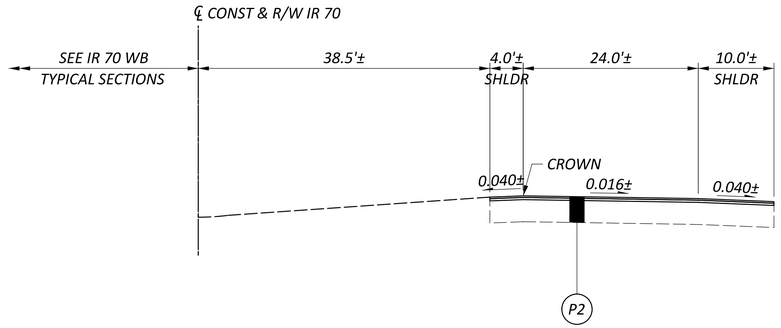
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0047 TOTAL P.2024



RESURFACING SECTION - IR 70 WB

STA. 167+00.00 TO STA. 186+00.00



RESURFACING SECTION - IR 70 EB

STA. 167+00.00 TO STA. 186+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0048 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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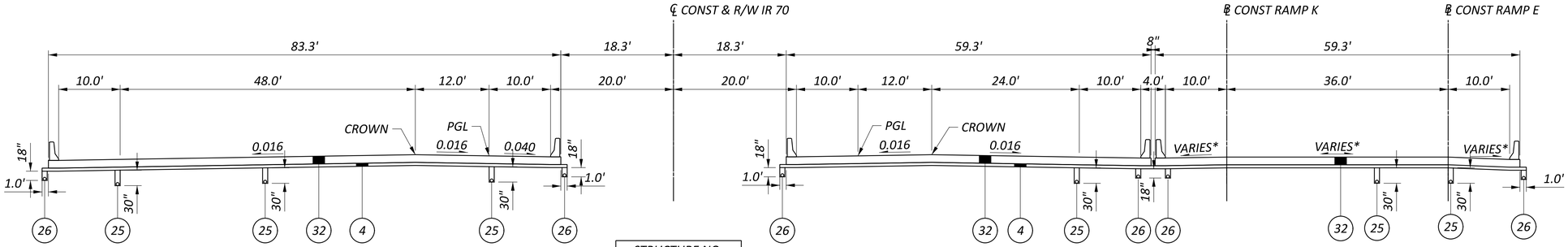
* SEE SUPERELEVATION TABLES



APPROACH SLAB SECTION - IR 70 WB

STA. 43+92.75 TO STA. 44+17.75

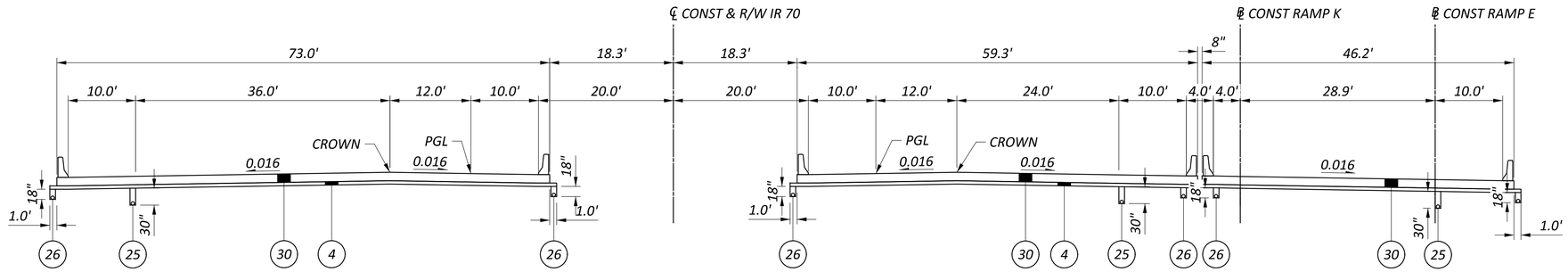
STA. 45+65.50 TO STA. 45+90.50

STRUCTURE NO.
FAI-00070-00.840 L
FAI-00070-00.840 R
FAI-00070-00.840 K

APPROACH SLAB SECTION - IR 70 EB

STA. 43+92.75 TO STA. 44+17.75

STA. 45+65.50 TO STA. 45+90.50



APPROACH SLAB SECTION - IR 70 WB

STA. 62+71.87 TO STA. 63+01.87

STA. 64+45.92 TO STA. 64+75.92

STRUCTURE NO.
FAI-00070-01.190 L
FAI-00070-01.190 R
FAI-00070-01.190 K

APPROACH SLAB SECTION - IR 70 EB

STA. 62+59.12 TO STA. 62+89.12

STA. 64+33.16 TO STA. 64+63.16

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - APPROACH SLABS

FAI/LIC-IR 70-0.00/0.00

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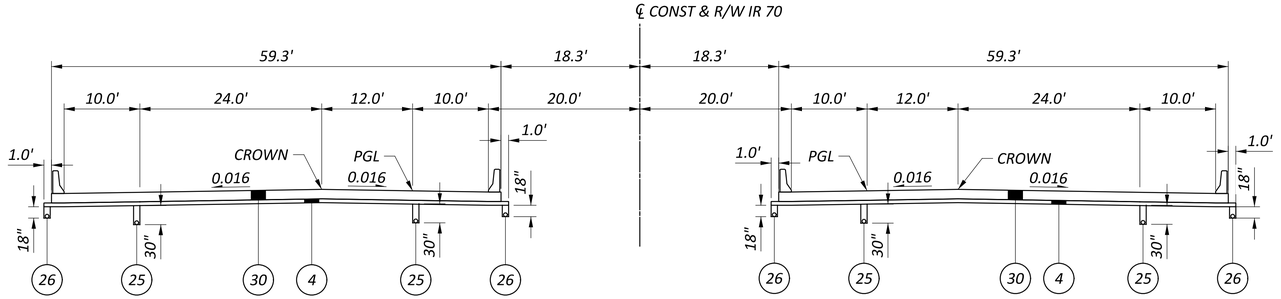
DESIGN AGENCY
STRUCTUREPOINT
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0049 TOTAL P.2024



APPROACH SLAB SECTION - IR 70 WB

STA. 163+97.99 TO STA. 164+27.99

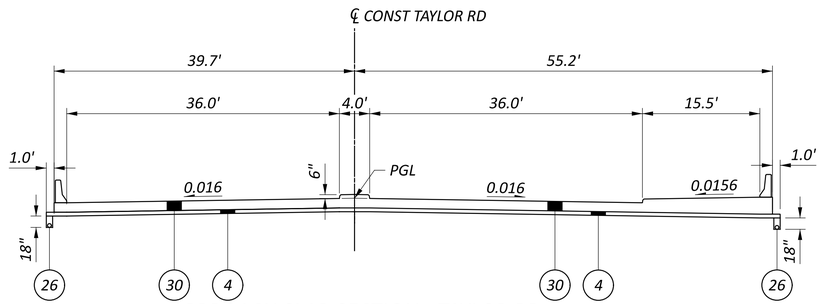
STA. 165+34.87 TO STA. 165+64.87

STRUCTURE NO.
LIC-00070-00.740 L
LIC-00070-00.740 R

APPROACH SLAB SECTION - IR 70 EB

STA. 164+60.13 TO STA. 164+90.13

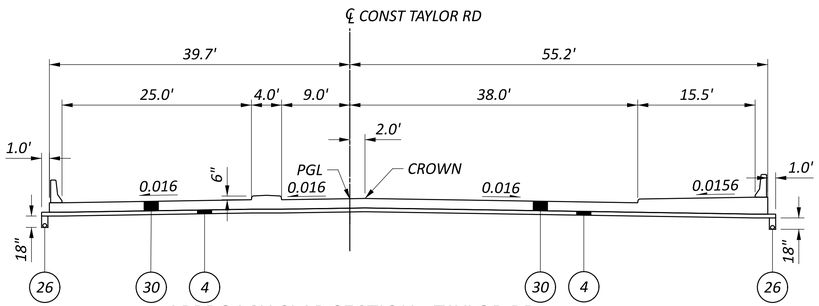
STA. 165+97.01 TO STA. 166+27.01



APPROACH SLAB SECTION - TAYLOR RD

STA. 39+56.99 TO STA. 39+86.99

STRUCTURE NO.
FAI-0204A-00.460



APPROACH SLAB SECTION - TAYLOR RD

STA. 42+27.19 TO STA. 42+57.19

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - APPROACH SLABS

FAI/LIC-IR 70-0.00/0.00

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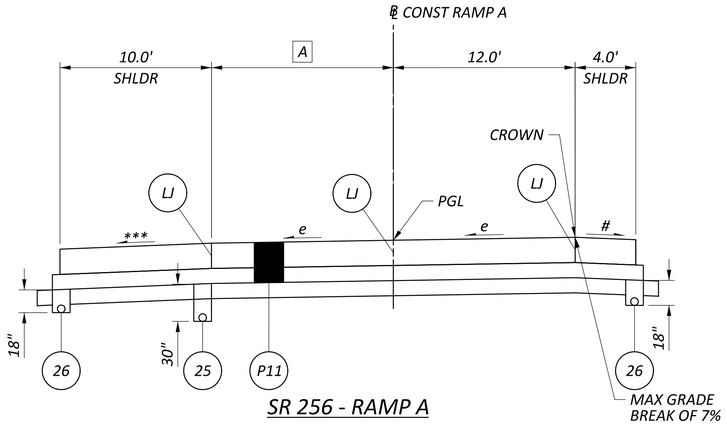
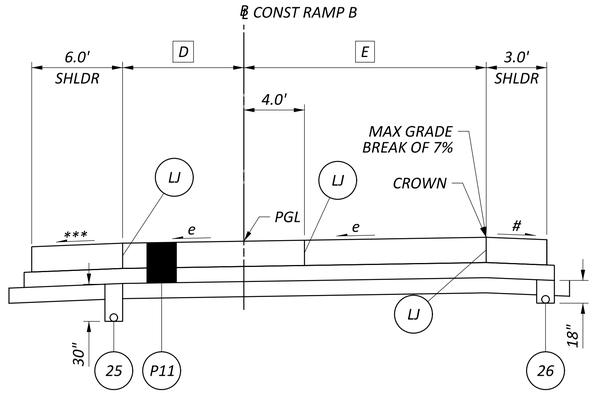
DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0050 TOTAL P.2024



SR 256 - RAMP A

STA. 57+23.08 TO STA. 61+27.39



SR 256 - RAMP B

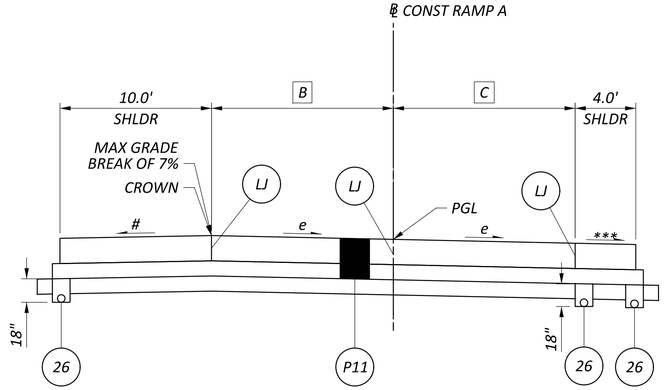
STA. 64+51.08 TO STA. 68+25.00

e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A *TAPERS FROM 14.8' AT STA. 57+23.08 TO 12.0' AT STA. 61+27.39*

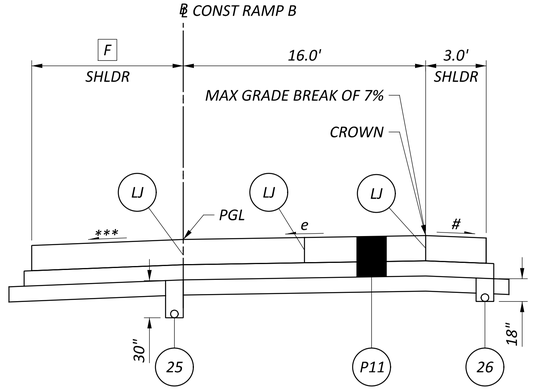
D *VARIES FROM STA. 64+51.08 TO STA. 65+17.87*
8.0' FROM STA. 65+17.87 TO STA. 67+75.00
TAPERS FROM 8.0' AT STA. 67+75.00 TO 0.0' AT STA. 68+25.00

E *18.0' FROM STA. 64+51.08 TO STA. 64+61.63*
TAPERS FROM 18.0' AT STA. 64+61.63 TO 16.0' AT STA. 64+86.63
16.0' FROM STA. 64+86.63 TO STA. 68+25.00



SR 256 - RAMP A

STA. 61+27.39 TO STA. 64+37.62



SR 256 - RAMP B

STA. 68+25.00 TO STA. 72+94.95

B *12.0' FROM STA. 61+27.17 TO STA. 63+76.25*
VARIES FROM STA. 63+76.25 TO STA. 64+37.62

C *VARIES 12.0' AT STA. 61+27.17 TO 17.50' AT STA. 61+99.46*
17.5' FROM STA. 61+99.46 TO STA. 63+67.33
VARIES FROM STA. 63+67.33 TO STA. 64+37.62

F *6.0' FROM STA. 68+25.00 TO STA. 71+94.95*
TAPERS FROM 6.0' AT STA. 71+94.95 TO 10.0' AT STA. 72+94.95

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
37. *ITEM 204 - PROOF ROLLING*
38. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A EXIST 15"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS A & B

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0051 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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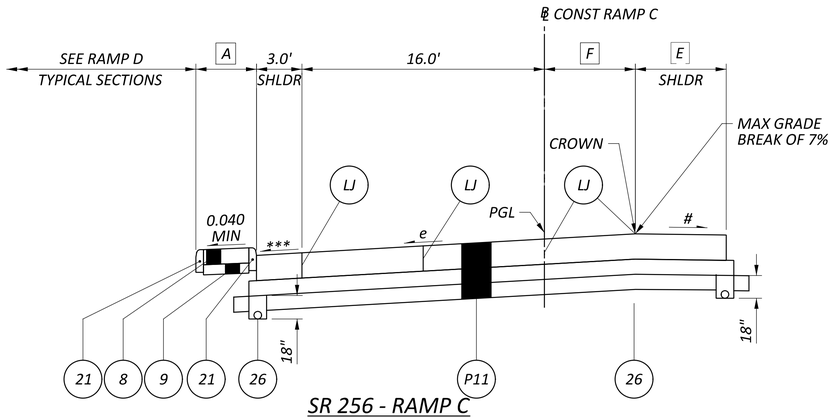
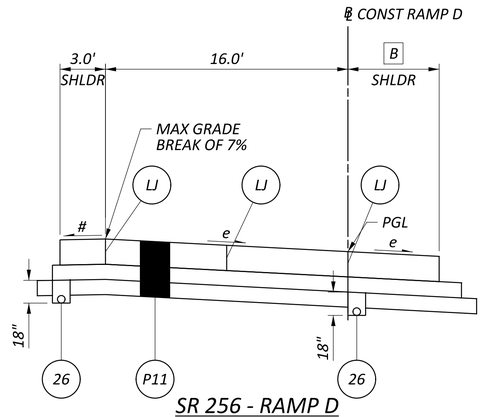
e = SUPERELEVATION RATE
*** 0.040 OR RATE OF SUPER, IF GREATER.
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SR 256 - RAMP C

STA. 60+81.49 TO STA. 68+36.53



SR 256 - RAMP D

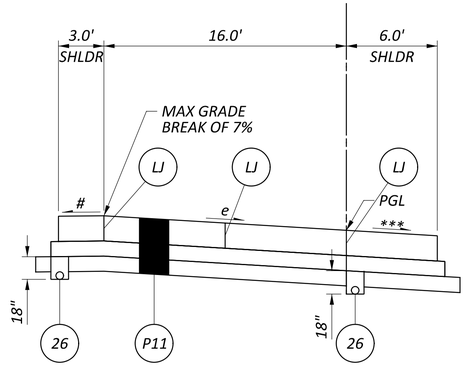
STA. 66+85.42 TO STA. 72+50.00

A 0.0' FROM STA. 60+81.49 TO STA. 61+11.22
4.0' FROM STA. 61+11.22 TO STA. 67+39.42
VARIES 4.0' AT STA. 67+39.42 TO 11.1' AT STA. 68+36.53

B VARIES 10.0' AT STA. 66+85.42 TO 6.0' AT STA. 67+85.42
6.0' FROM STA. 67+85.42 TO STA. 72+50.00

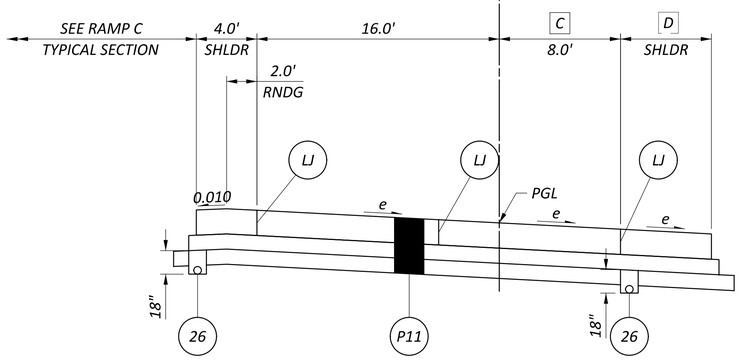
E VARIES FROM STA. 60+81.49 TO STA. 62+00.61
6.0' FROM STA. 62+00.61 TO STA. 68+36.53

F VARIES FROM STA. 60+81.49 TO STA. 62+00.61
0.00' FROM STA. 62+00.61 TO STA. 68+36.53



SR 256 - RAMP C

STA. 68+36.53 TO 75+45.07



SR 256 - RAMP D

STA. 72+50.00 TO STA. 79+57.26

C TAPERS FROM 0.0' AT STA. 72+50.00 TO 8.0' AT STA. 73+00.00
8.0' FROM STA. 73+00.00 TO STA. 78+89.21
VARIES FROM STA. 78+89.21 TO STA. 79+57.26

D 6.0' FROM STA. 72+50.00 TO STA. 78+89.21
VARIES FROM STA. 78+89.21 TO STA. 79+57.26

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS C & D

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0052 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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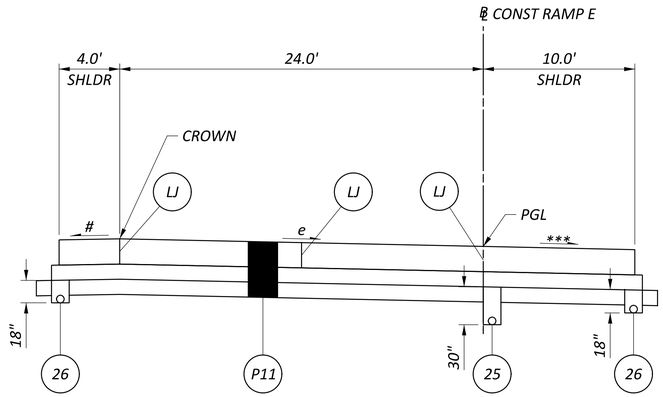
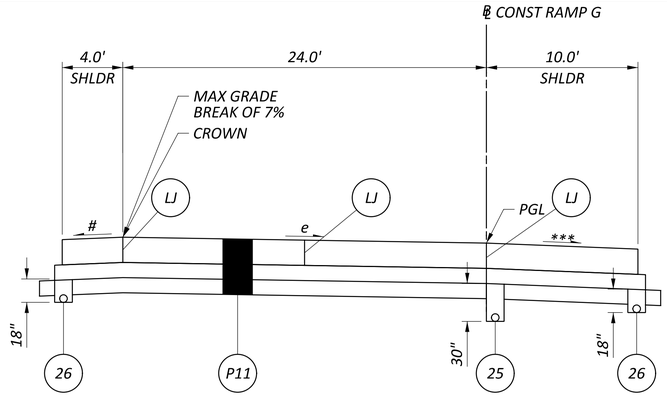


SR 256 - RAMP E

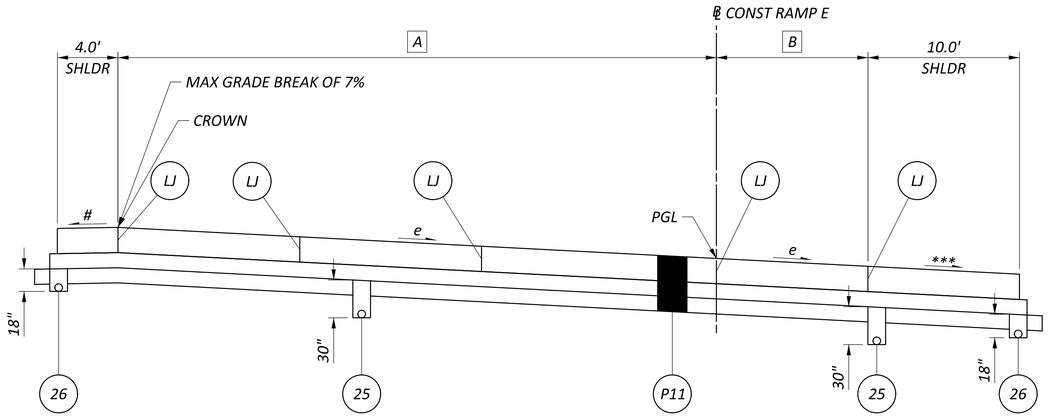
STA. 55+93.50 TO STA. 57+00.00



TAYLOR ROAD - RAMP G

STA. 102+10.95 TO STA. 104+20.00

e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SR 256 - RAMP E

STA. 57+00.00 TO STA. 64+39.49

A TAPERS FROM 24.0' AT STA. 57+00.00 TO 36.0' AT STA. 58+00.00
36.0' FROM STA. 58+00.00 TO STA. 64+39.49

B 0.0' FROM STA. 57+00.00 TO STA. 58+73.60
VARIES 0.0' AT STA. 58+73.60 TO 13.5' AT STA. 60+73.60
13.5' FROM STA. 60+73.60 TO STA. 62+39.49
VARIES FROM 13.5' AT STA. 62+39.49 TO 0.0' AT STA. 64+39.49

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP E

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0053 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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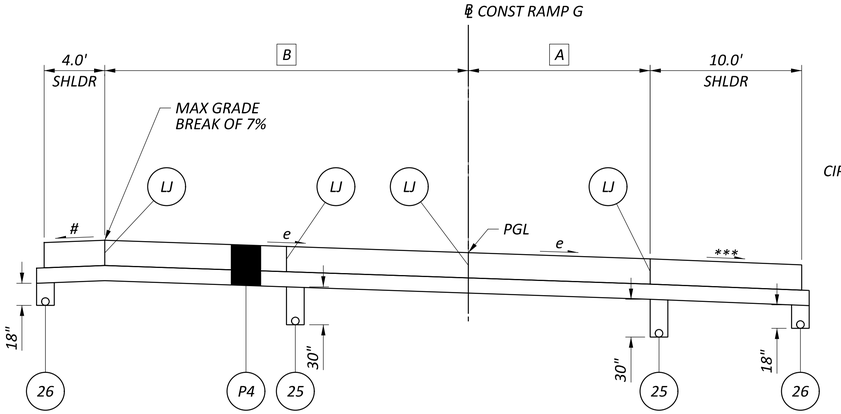
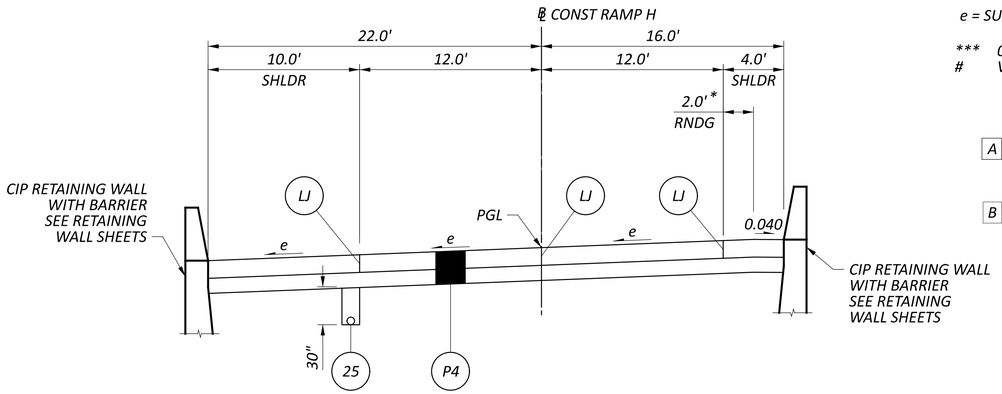


TAYLOR ROAD - RAMP G

STA. 104+20.00 TO STA. 111+45.15



TAYLOR ROAD - RAMP H

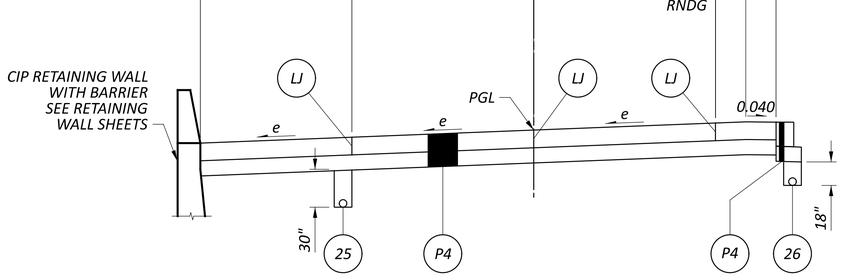
STA. 103+00.00 TO STA. 108+25.00

e = SUPERELEVATION RATE

**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

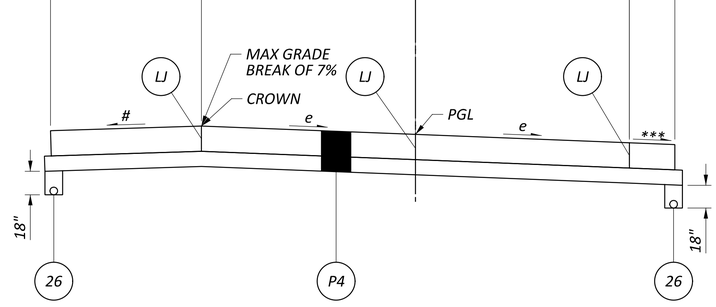
A VARIES FROM 0.0' AT STA. 104+20.00 TO 12.0' AT STA. 104+70.00
12.0' FROM STA. 104+70.00 TO STA. 110+94.23
VARIES FROM STA. 110+94.23 TO STA. 111+45.15

B 24.0' FROM STA. 104+20.00 TO STA. 111+18.78
VARIES FROM STA. 111+18.78 TO STA. 111+45.15



TAYLOR ROAD - RAMP H

STA. 108+25.00 TO STA. 108+50.00



IR 70 - RAMP H

STA. 108+50.00 TO STA. 113+26.61

C 12.0' FROM STA. 108+50.00 TO STA. 112+58.58
VARIES FROM STA. 112+58.58 TO STA. 113+26.61

D 12.0' FROM STA. 108+50.00 TO STA. 112+96.87
VARIES FROM STA. 112+96.87 TO STA. 113+26.61

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 15"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS G & H

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0054 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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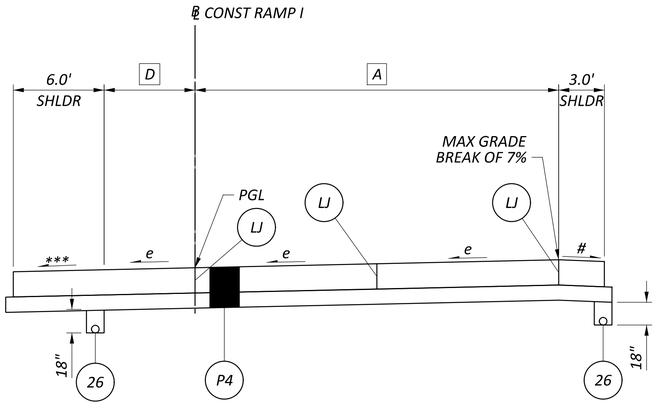
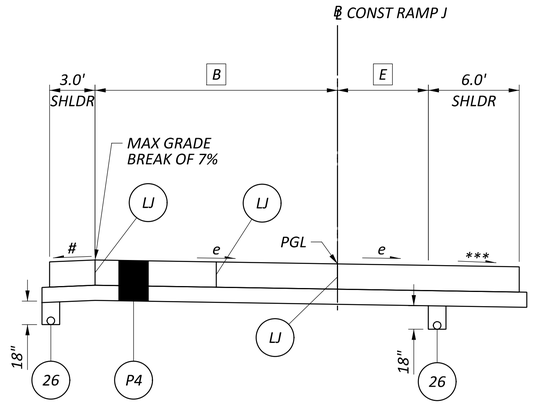


TAYLOR ROAD - RAMP I

STA. 114+45.28 TO STA. 120+65.00



TAYLOR ROAD - RAMP J

STA. 110+54.90 TO STA. 114+65.38

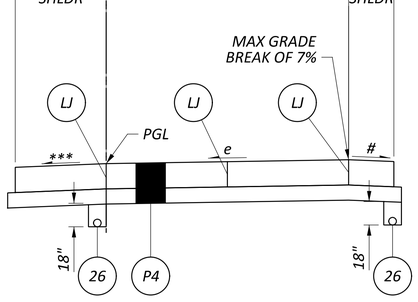
e = SUPERELEVATION RATE
**** 0.040 OR RATE OF SUPER, IF GREATER.*
 # VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A *VARIES FROM STA. 114+45.28 TO STA. 114+50.86*
24.0' FROM STA. 114+50.86 TO STA. 119+00.00
TAPERS FROM 24.0' AT STA. 119+00.00 TO 16.0' AT STA. 119+50.00
16.0' FROM STA. 119+50.00 TO STA. 120+65.00

B *VARIES FROM STA. 110+54.90 TO STA. 111+29.92*
18.0' FROM STA. 111+29.92 TO STA. 119+00.00

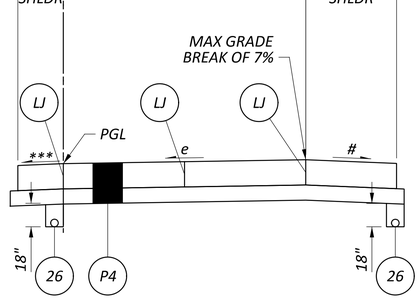
D *VARIES FROM STA. 114+45.28 TO STA. 115+14.83*

E *VARIES FROM STA. 110+54.90 TO STA. 111+22.58*



TAYLOR ROAD - RAMP I

STA. 120+65.00 TO STA. 125+02.59



TAYLOR ROAD - RAMP J

STA. 114+65.38 TO STA. 120+44.38

C *6.0' FROM STA. 120+65.00 TO STA. 124+52.59*
TAPERS FROM 6.0' AT STA. 124+52.59 TO 8.0' AT STA. 125+02.59

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

1. *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
2. *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
3. *ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")*
4. *ITEM 304 - 6" AGGREGATE BASE*
5. *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
6. *ITEM 204 - SUBGRADE COMPACTION*
7. *ITEM 204 - PROOF ROLLING*
8. *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
9. *ITEM 304 - 4" AGGREGATE BASE*
10. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
11. *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
12. *ITEM 659 - SEEDING AND MULCHING*
13. *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
14. *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
15. *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
16. *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA*
17. *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")*
18. *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
19. *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
20. *ITEM 609 - CURB, TYPE 6*
21. *ITEM 609 - CURB, TYPE 2-A*
22. *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
23. *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
24. *ITEM 608 - 4" CONCRETE WALK*
25. *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
26. *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
27. *ITEM 606 - GUARDRAIL, TYPE MGS*
28. *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
29. *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
30. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
31. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
32. *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
33. *ITEM 607 - FENCE, MISC: WOOD FENCE*
34. *ITEM 605 - AGGREGATE DRAINS*
35. *ITEM 609 - CURB, TYPE 3, APP*
36. *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
37. *ITEM 204 - PROOF ROLLING*
38. *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
*** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

A EXIST 15"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMPS I & J

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0055 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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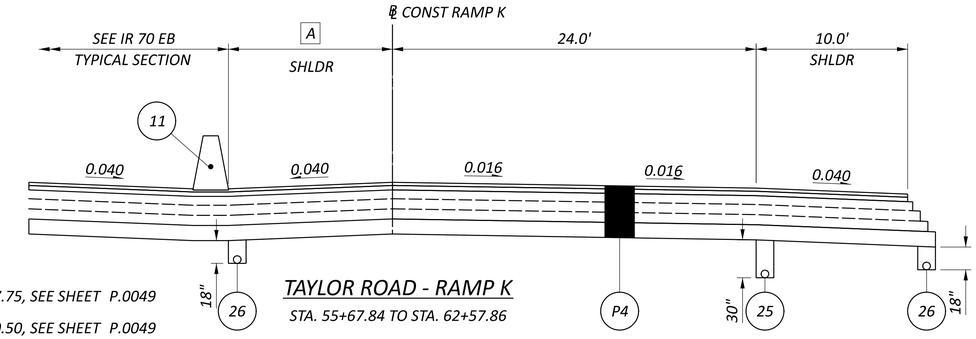
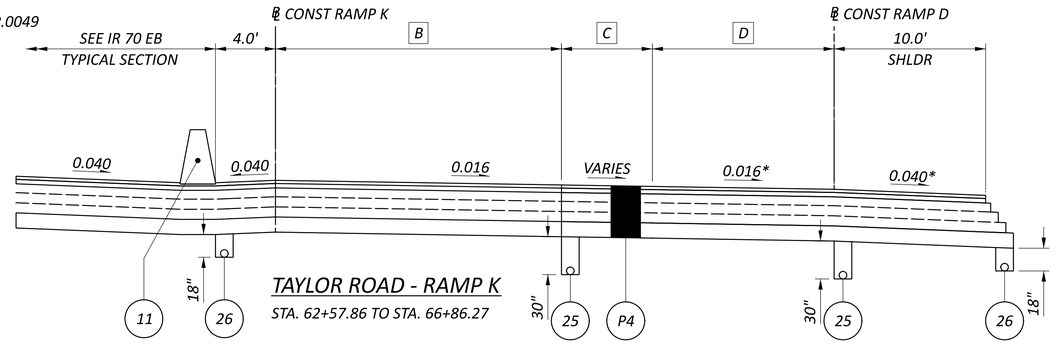


TAYLOR ROAD - RAMP K

STA. 55+67.84 TO STA. 62+57.86

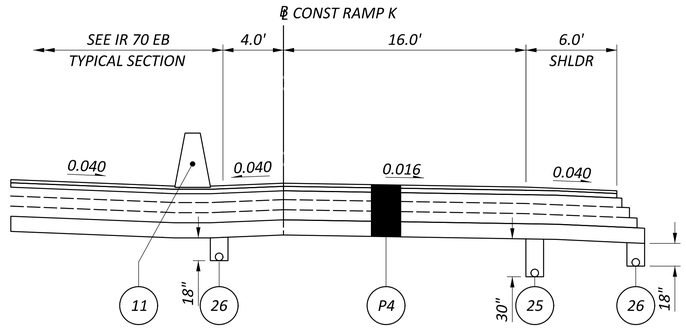
FAI-00070-00.840K
APPROACH SLAB = STA. 43+92.75 TO STA. 44+17.75, SEE SHEET P.0049
STRUCTURE = STA. 44+17.75 TO STA. 45+65.50
APPROACH SLAB = STA. 45+65.50 TO STA. 45+90.50, SEE SHEET P.0049

FAI-00070-01.190K
APPROACH SLAB = STA. 62+59.12 TO STA. 62+89.12, SEE SHEET P.0049
STRUCTURE = STA. 62+89.12 TO STA. 64+33.16
APPROACH SLAB = STA. 64+33.16 TO STA. 64+63.16, SEE SHEET P.0049



TAYLOR ROAD - RAMP K

STA. 62+57.86 TO STA. 66+86.27



TAYLOR ROAD - RAMP K

STA. 66+86.27 TO STA. 75+47.96

* = SUPERELEVATION RATE

A 10.0' FROM STA. 55+67.84 TO STA. 55+86.18
TAPERS FROM 10.0' AT STA. 55+86.18 TO 4.0' AT STA. 59+46.23
4.0' FROM STA. 59+46.23 TO STA. 62+57.86

B 24.0' FROM STA. 62+57.86 TO STA. 63+81.64
VARIES FROM 24.0' AT STA. 63+81.64 TO 28.0' AT STA. 66+86.27

C VARIES FROM 0.0' AT STA. 62+57.86 TO 16.0' AT STA. 66+86.27

D 12.0' FROM STA. 62+57.86 TO STA. 64+14.61
VARIES FROM 12.0' AT STA. 64+14.61 TO 16.0' AT STA. 66+86.27

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP K

DESIGN AGENCY
MPEARO STRUCTUREPOINT INC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0056 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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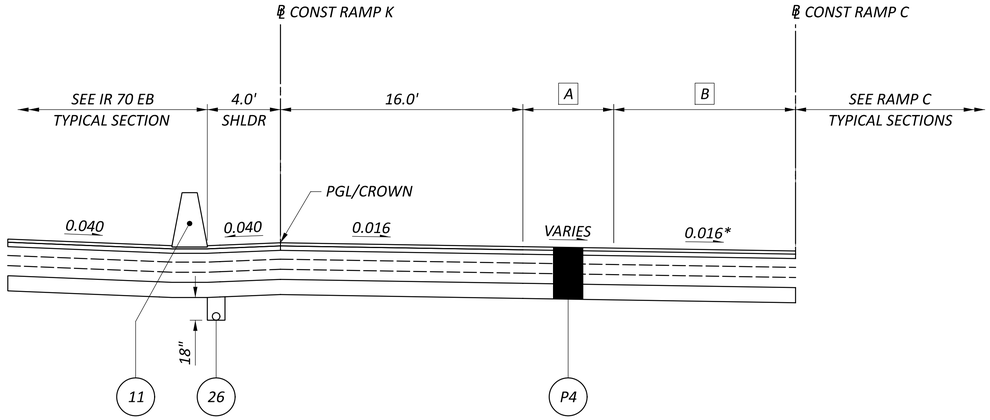
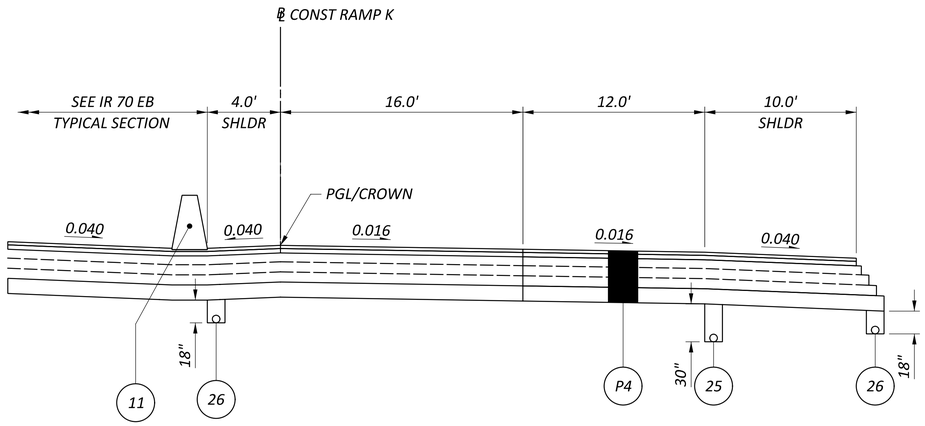


TAYLOR ROAD - RAMP K

STA. 75+47.96 TO STA. 84+05.20



TAYLOR ROAD - RAMP K

STA. 84+05.20 TO STA. 94+70.40

* = SUPERELEVATION RATE

A VARIES FROM 23.0' AT STA. 75+47.96 TO 0.0' AT STA. 82+05.04
0.0' FROM STA. 82+05.04 TO STA. 84+05.20

B VARIES FROM 16.0' AT STA. 75+47.96 TO 12.0' AT STA. 84+05.20

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP K

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0057 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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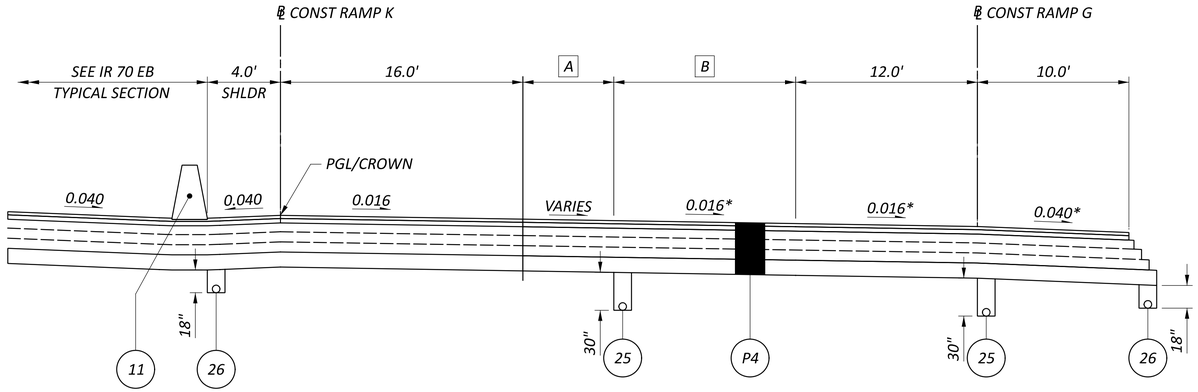


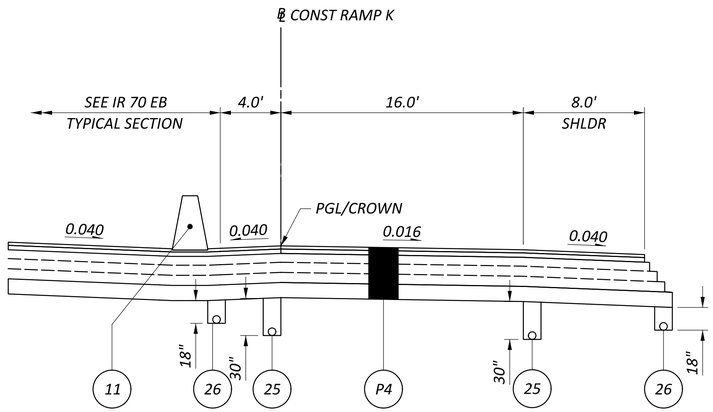
TAYLOR ROAD - RAMP K

STA. 94+70.40 TO STA. 102+12.45

* = SUPERELEVATION RATE

A 0.0' FROM STA. 94+70.40 TO STA 99+24.88
VARIES FROM 0.0' AT STA. 99+24.88 TO 20.0' AT STA. 102+12.45

B VARIES FROM 0.0' AT STA. 94+70.40 TO 12.0' AT STA. 99+24.88
12.0' FROM STA. 99+24.88 TO STA. 102+12.45



TAYLOR ROAD - RAMP K

STA. 102+12.45 TO STA. 102+55.20

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - RAMP K

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0058 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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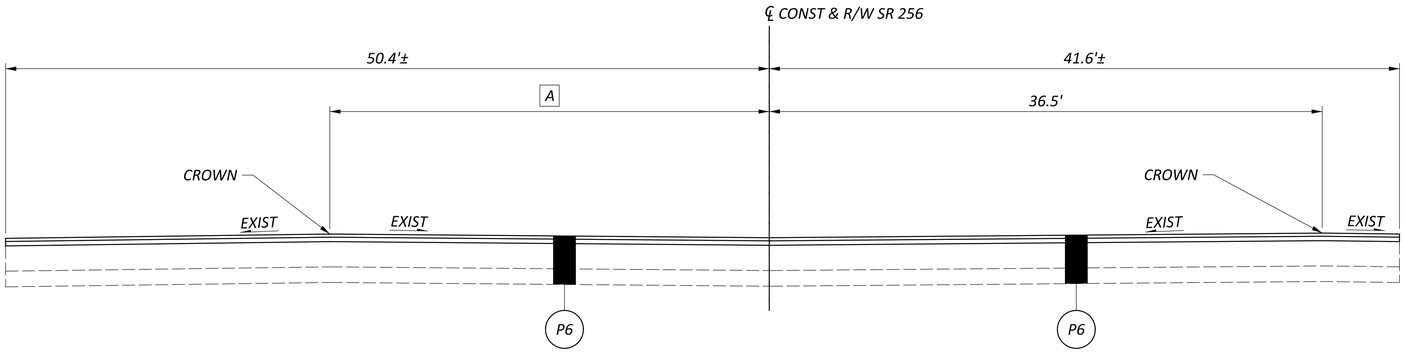
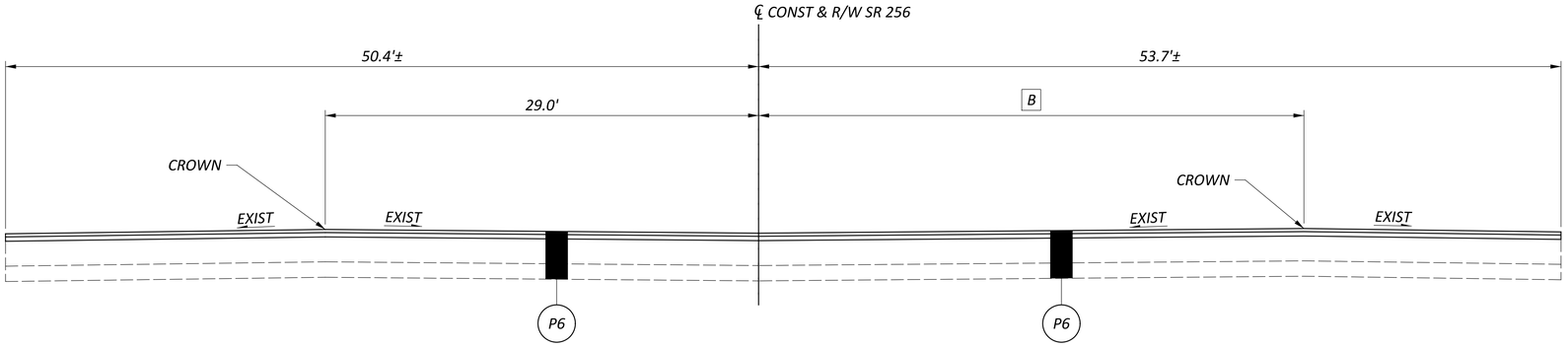


A VARIES FROM STA. 9+68.00 TO STA. 10+20.00
29.0' FROM STA. 10+20.00 TO STA. 12+69.00

RESURFACING SECTION - SR 256

STA. 9+68.00 TO STA. 12+69.00



B VARIES FROM STA. 12+69.00 TO STA. 13+23.93
36.5' FROM STA. 13+23.93 TO STA. 14+70.28

RESURFACING SECTION - SR 256

STA. 12+69.00 TO STA. 14+70.28

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0059 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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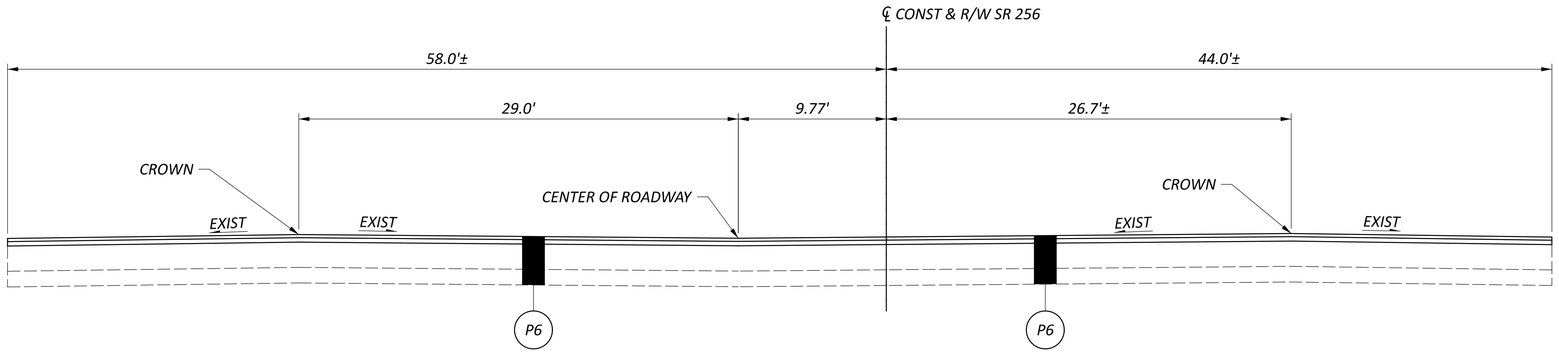
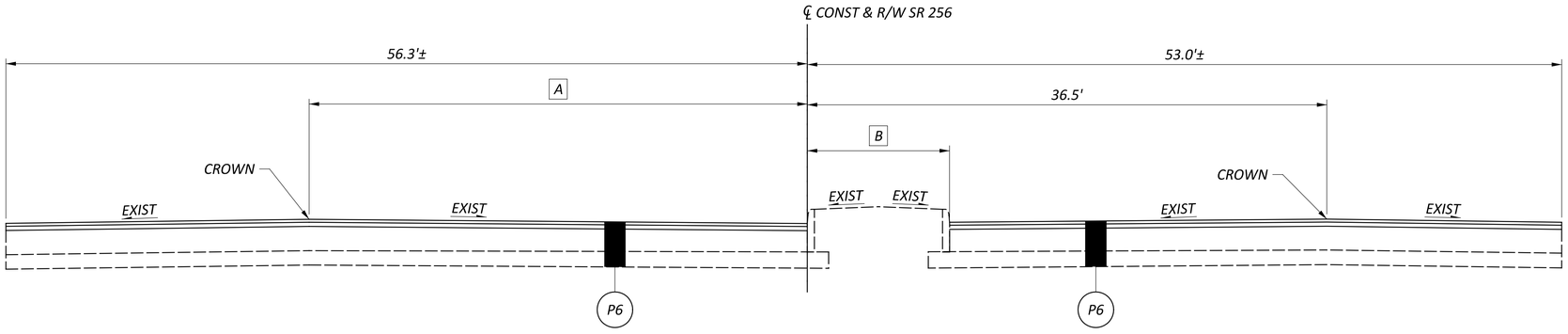


RESURFACING SECTION - SR 256

STA. 14+70.28 TO STA. 15+50.00



RESURFACING SECTION - SR 256

STA. 15+50.00 TO STA. 16+95.14

A VARIES FROM STA. 15+50.00 TO STA. 16+95.14

B VARIES FROM STA. 15+50.00 TO STA. 16+95.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

FAI/LIC-IR 70-0.00/0.00

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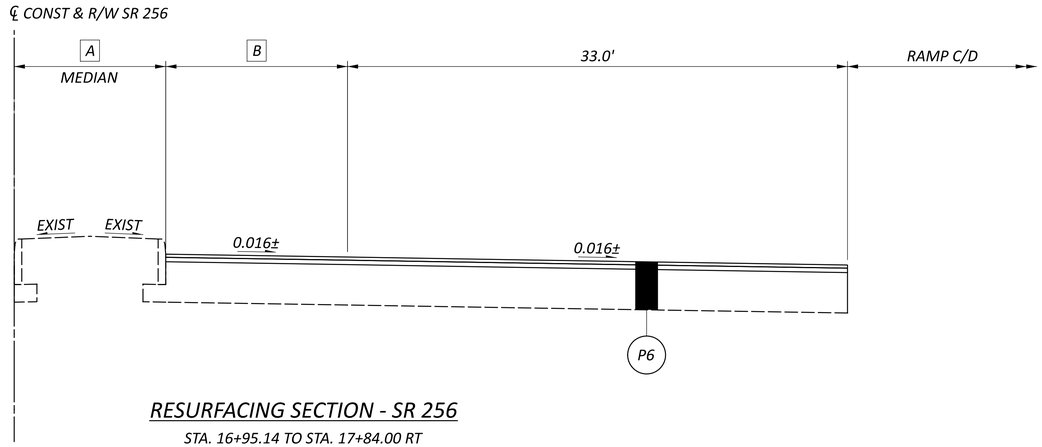
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0060 TOTAL P.2024

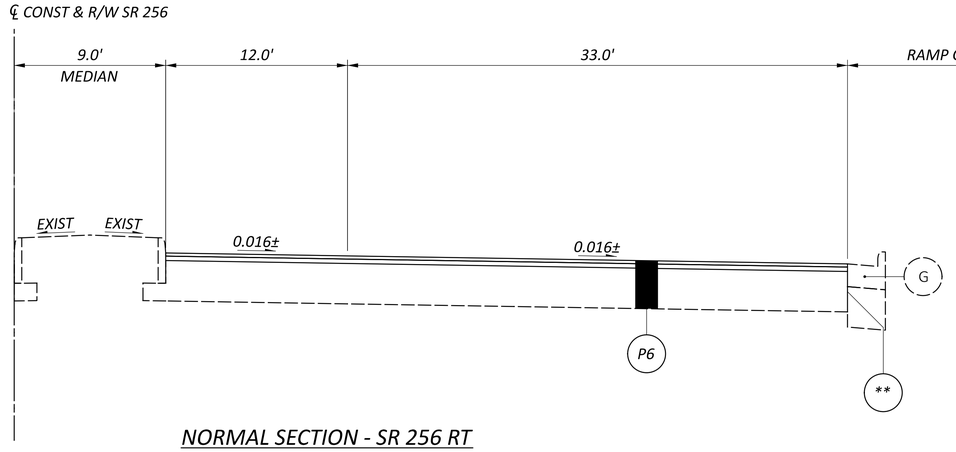


RESURFACING SECTION - SR 256

STA. 16+95.14 TO STA. 17+84.00 RT

A VARIES FROM STA. 16+95.14 TO STA. 17+84.00

B VARIES FROM STA. 16+95.14 TO STA. 17+84.00



NORMAL SECTION - SR 256 RT

STA. 17+84.00 TO STA. 17+93.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0061 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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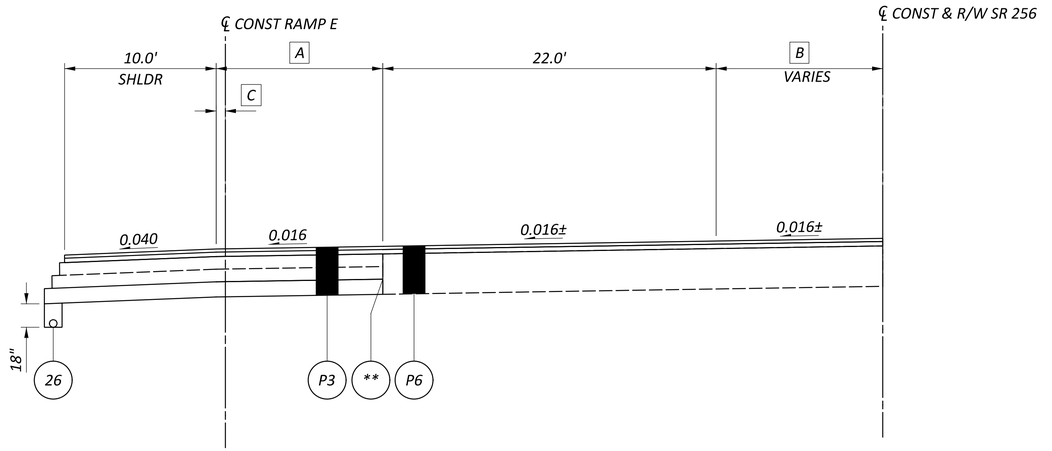

NORMAL SECTION - SR 256 LT

STA. 16+95.14 TO STA. 20+25.00

A VARIES FROM 11.3' AT STA. 16+95.14 TO 58.5' AT STA. 20+25.00

B VARIES FROM 13.0' AT STA 16+95.14 TO 15.0' AT STA 20+25.00

C 0' FROM STA 16+95.14 TO STA 19+19.24
VARIES FROM 0' AT STA 19+19.24 TO 8.1' AT STA 20+25.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0062 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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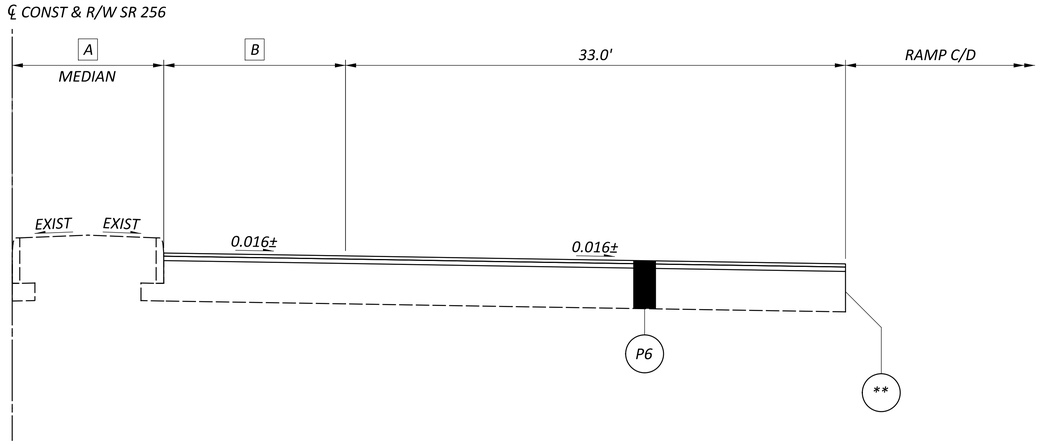

NORMAL SECTION - SR 256 RT

STA. 17+93.00 TO STA. 20+11.81

A 9.0' FROM STA. 17+93.00 TO STA. 18+66.28
0.0' FROM STA. 18+66.28 TO STA. 20+11.81

B 12.0' FROM STA. 17+93.00 TO STA. 18+66.28
8.0' FROM STA. 18+66.28 TO STA. 20+11.81

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0063 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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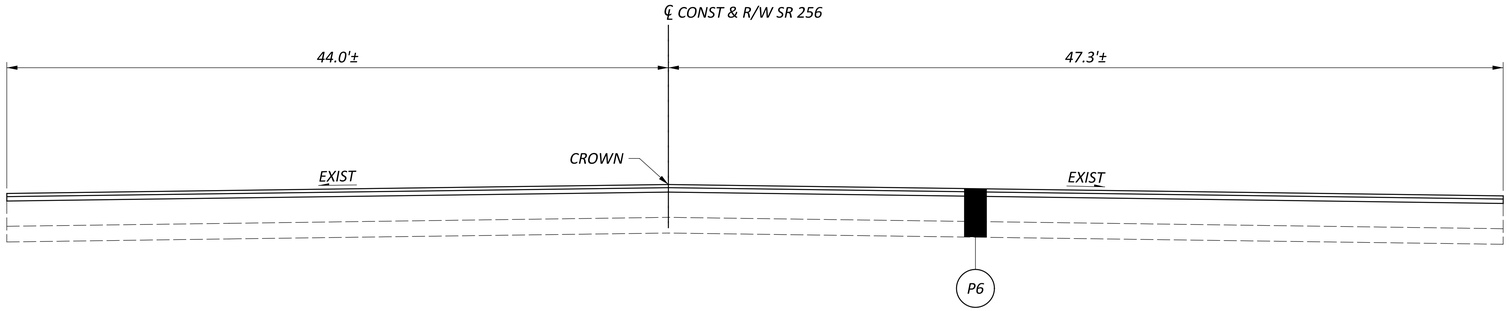
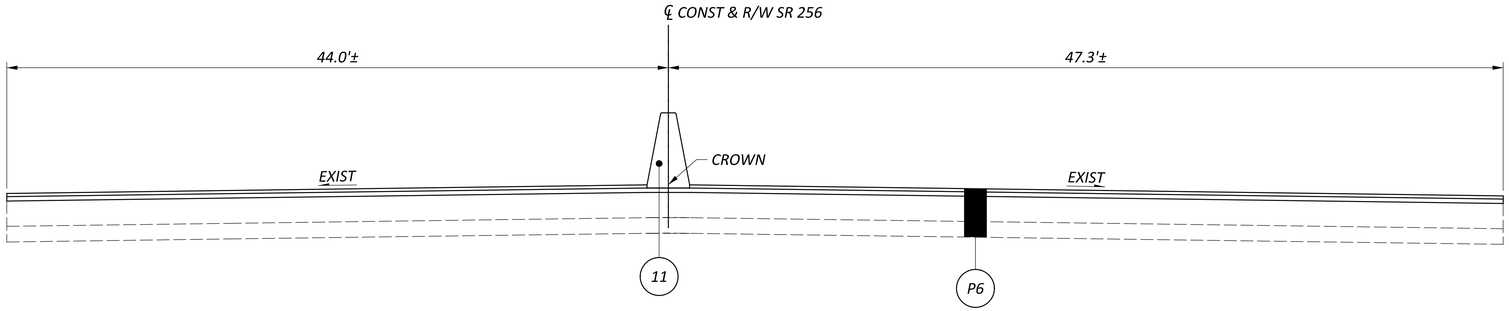


RESURFACING SECTION - SR 256

STA. 20+11.81 (RT) TO STA. 23+06.46
STA. 20+25.11 (LT) TO STA. 23+06.46
STA. 26+00.00 TO STA. 27+75.00



RESURFACING SECTION - SR 256

STA. 23+06.46 TO STA. 23+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0064 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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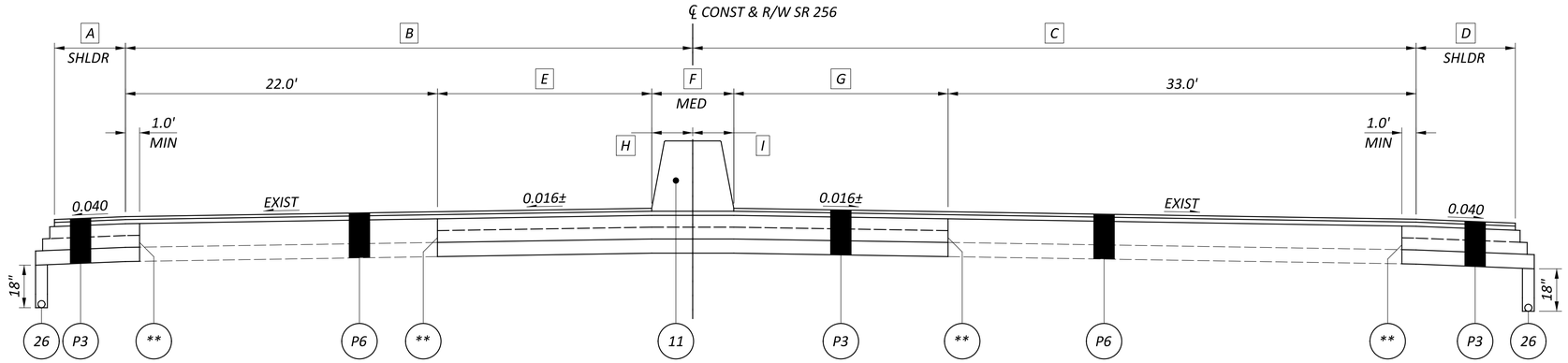


NORMAL SECTION - SR 256

STA. 23+50.00 TO STA. 25+08.76

A — VARIES FROM 4.9' AT STA 23+50.00 TO 5.0' AT STA 23+55.00
5.0' FROM STA. 23+55.00 TO STA. 25+08.76

B — VARIES FROM 39.0' AT STA 23+50.00 TO 41.0' STA 25+00.00
41.0' FROM STA. 25+00.00 TO STA. 25+08.76

C — VARIES FROM 49.0' AT STA 23+50.00 TO 47.5' AT STA 24+00.00
47.5' FROM STA. 24+00.00 TO STA. 24+79.62
VARIES FROM 47.5' AT STA 24+79.62 TO 46.7' AT STA 25+08.76

D — VARIES FROM 7.1' AT STA 23+50.00 TO 7.0' AT STA 23+55.00
7.0' FROM STA. 23+55.00 TO STA. 25+08.76

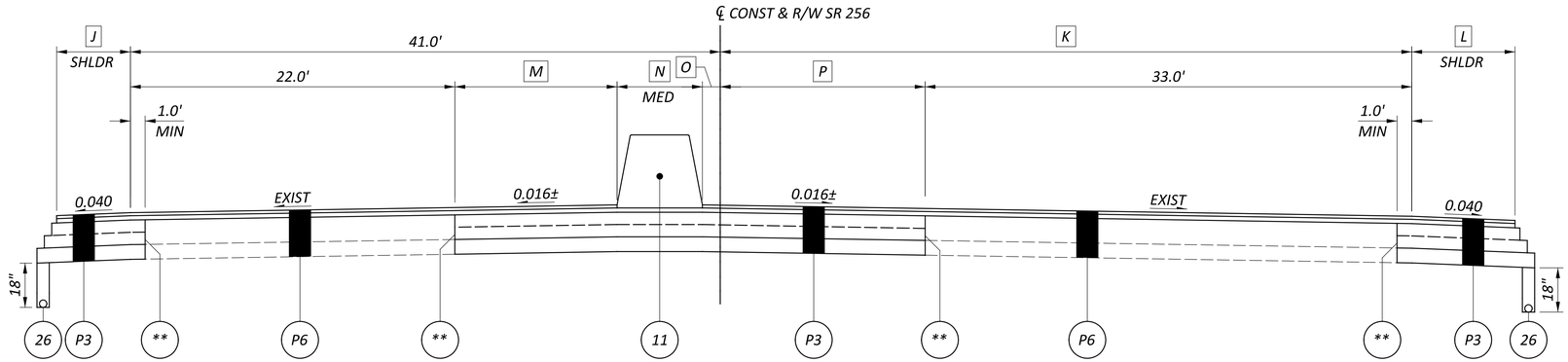
E — VARIES FROM 17.0' AT STA 23+50.00 TO 14.5' AT STA 23+76.46
VARIES FROM 14.5' AT STA 23+76.46 TO 15.9' AT STA 24+79.62
VARIES FROM 15.9' AT STA 24+79.62 TO 13.2' AT STA 25+08.76

F — VARIES FROM 3.8' AT STA 23+50.00 TO 5.8' AT STA 23+76.46
5.8' FROM STA. 23+76.46 TO STA. 25+08.76

G — VARIES FROM 14.1' AT STA 23+50.00 TO 12.3' AT STA 23+76.46
VARIES FROM 12.3' AT STA 23+76.46 TO 11.6' AT STA 24+79.62
VARIES FROM 11.6' AT STA 24+79.62 TO 13.7' AT STA 25+08.76

H — 2.9' FROM STA. 23+50.00 TO STA. 24+79.62
VARIES FROM 2.9' AT STA 24+79.62 TO 5.8' AT STA 25+08.76

I — 2.9' FROM STA. 23+50.00 TO STA. 24+79.62
VARIES FROM 2.9' AT STA 24+79.62 TO 0.0' AT STA 25+08.76



NORMAL SECTION - SR 256

STA. 25+08.76 TO STA. 26+00.00

J — 5.0' FROM STA. 25+08.76 TO STA. 25+85.00
VARIES FROM 5.0' AT STA 25+85.00 TO 2.3' AT STA 26+00.00

K — VARIES FROM 46.7' AT STA 25+08.67 TO 44.0' AT STA 26+00.00

L — 7.0' FROM STA. 25+08.76 TO STA. 25+30.00
VARIES FROM 7.0' AT STA 25+30.00 TO 4.3' AT STA 26+00.00

M — VARIES FROM 13.2' AT STA 25+08.76 TO 12.1' AT STA 25+88.35
VARIES FROM 12.1' AT STA 25+88.35 TO AT 12.8' STA 26+00.00

N — 5.8' FROM STA. 25+08.76 TO STA. 25+88.35
VARIES FROM 5.8' AT STA 25+88.35 TO 4.9' AT STA 26+00.00

O — VARIES FROM 0.0' AT STA 25+08.76 TO 1.1' AT STA 25+88.35
VARIES FROM 1.1' AT STA 25+88.35 TO 1.5' AT STA 26+00.00

P — VARIES FROM 13.7' AT STA 25+08.76 TO 13.4' AT STA 25+88.35
VARIES FROM 13.4' AT STA 25+88.35 TO 11.0' AT STA 26+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
AJO
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0065 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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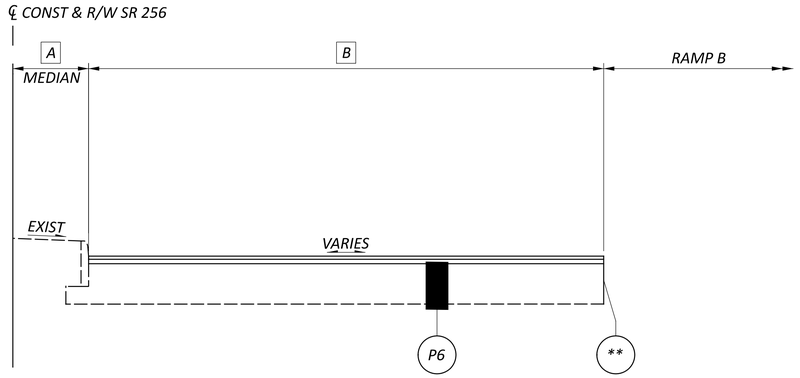
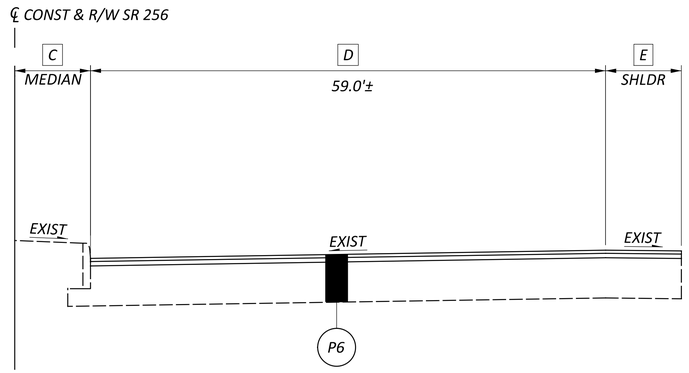


NORMAL SECTION - SR 256 RT

STA. 27+75.00 TO STA. 29+76.13

A 0.0' FROM STA. 27+75.00 TO STA. 28+45.17
VARIES FROM 0.0' AT STA. 28+45.17 TO 19.6'± AT STA. 28+84.00
19.6± FROM STA. 28+84.00 TO STA. 29+27.41
VARIES FROM 19.8'± AT STA. 29+27.41 TO 5.0'± AT STA 29+76.13

B 41.9' FROM STA. 27+75.00 TO STA. 28+45.17
22.0'± FROM STA. 28+45.17 TO STA. 29+28.00
VARIES FROM 22.0'± AT STA. 29+28.00 TO 35.7'± AT STA 29+76.13



NORMAL SECTION - SR 256 RT

STA. 29+76.13 TO STA. 31+33.68

C 5.0'± FROM STA. 29+76.13 TO STA. 31+10.00
VARIES FROM 5.0'± AT STA 31+10.00 TO 0.0' AT STA 31+33.68

D VARIES FROM 51.5'± AT STA 29+76.13 TO 59.0'± AT STA 31+10.00
VARIES FROM 59.0'± AT STA 31+10.00 TO 64.0'± AT STA 31+33.68

E VARIES FROM 1.5'± AT STA 29+76.13 TO 0.3'± AT STA 31+10.00
VARIES FROM 0.3'± AT STA 31+10.00 TO 4.0'± AT STA 31+05.50

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
MORTON STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER XXX 08/07/26
PROJECT ID 96808
SHEET P.0066 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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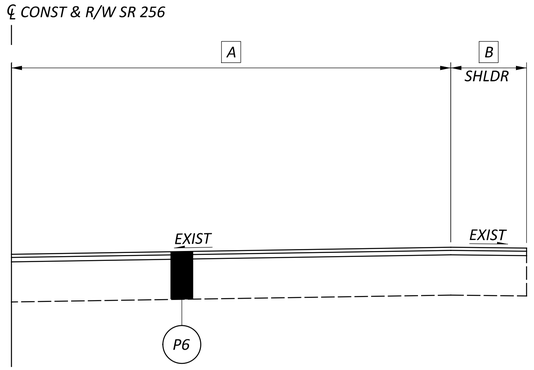
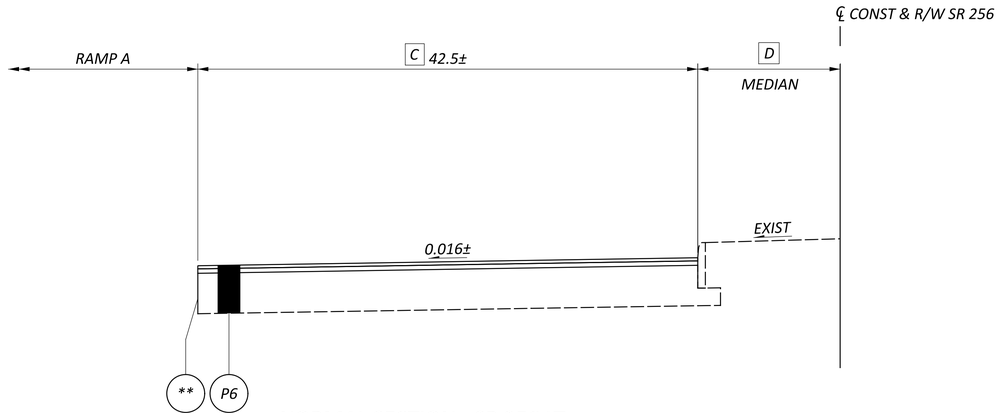


NORMAL SECTION - SR 256 RT

STA. 31+33.68 TO STA. 36+75.00

A VARIES FROM 64.0'± AT STA 31+33.68 TO 54.0'± AT STA 36+57.71
VARIES FROM 54.0'± AT STA 36+57.71 TO 60.0' AT STA 36+75.00

B VARIES FROM 4.0'± AT STA 31+33.68 TO 5.0'± AT STA 32+14.00
5.0' FROM STA. 32+14.00 TO STA. 34+80.00
VARIES FROM 5.0'± AT STA 34+80.00 TO 1.9'± AT STA 36+62.66
0.0' FROM STA 36+62.66 TO STA 36+75.00



NORMAL SECTION - SR 256 LT

STA. 27+75.00 TO STA. 28+95.00

C 42.5± FROM STA. 27+75.00 TO STA. 28+45.17
33.5'± FROM STA 28+45.17 TO STA 28+95.00

D 0.0' FROM STA. 27+75.00 TO STA. 28+45.17
9.4'± FROM STA. 28+45.17 TO STA. 28+95.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0067 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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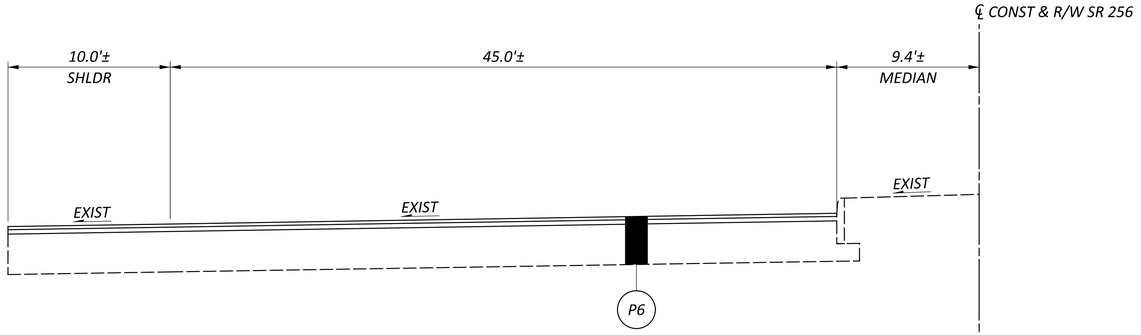
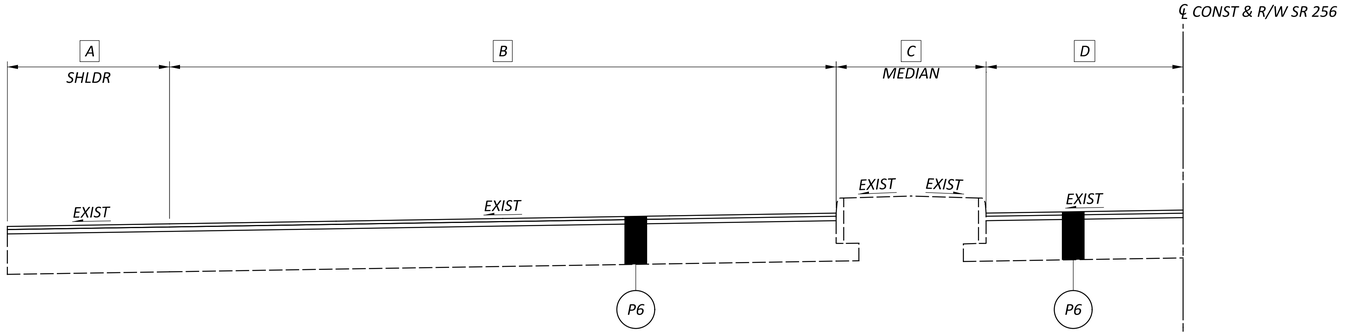


NORMAL SECTION - SR 256 LT

STA. 28+95.00 TO STA. 28+95.00 TO STA. 31+33.68



NORMAL SECTION - SR 256 LT

STA. 31+33.68 TO STA. 33+40.00

A — 10.0' FROM STA. 31+33.68 TO STA. 32+33.98
VARIES FROM 10.0'± AT STA. 32+33.98 TO 8.6'± AT STA. 33+40.00

B — 45.0' FROM STA. 31+33.68 TO STA. 31+69.53
VARIES FROM 45.0'± AT STA. 31+69.53 TO 33.5'± AT STA. 33+40.00

C — VARIES 9.4'± AT STA 31+33.68 TO 4.0'± AT STA. 31+60.00
4.0' FROM STA. 31+60.00 TO STA. 33+40.00

D — VARIES FROM 0.0' AT STA. 31+33.68 TO 5.6'± AT STA 31+60.00
VARIES FROM 5.6' AT STA 31+60.00 TO 7.4'± AT STA 33+40.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

FAI/LIC-IR 70-0.00/0.00

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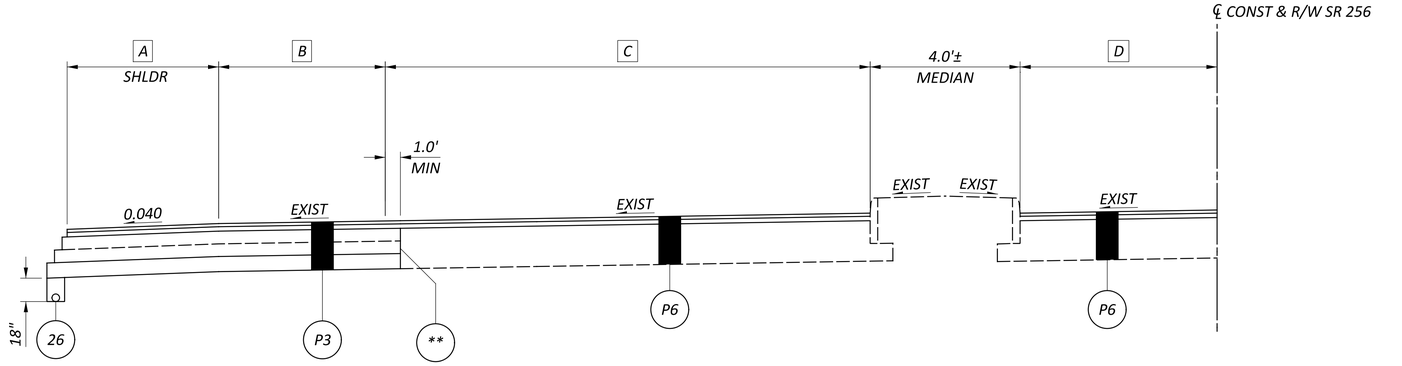
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0068 TOTAL P.2024



A VARIES FROM 8.6'± AT STA 33+40.00 TO 10.0' AT STA 34+05.00
TAPERS FROM 10.0' AT STA. 35+50.00 TO 2.0' AT STA. 36+00.00

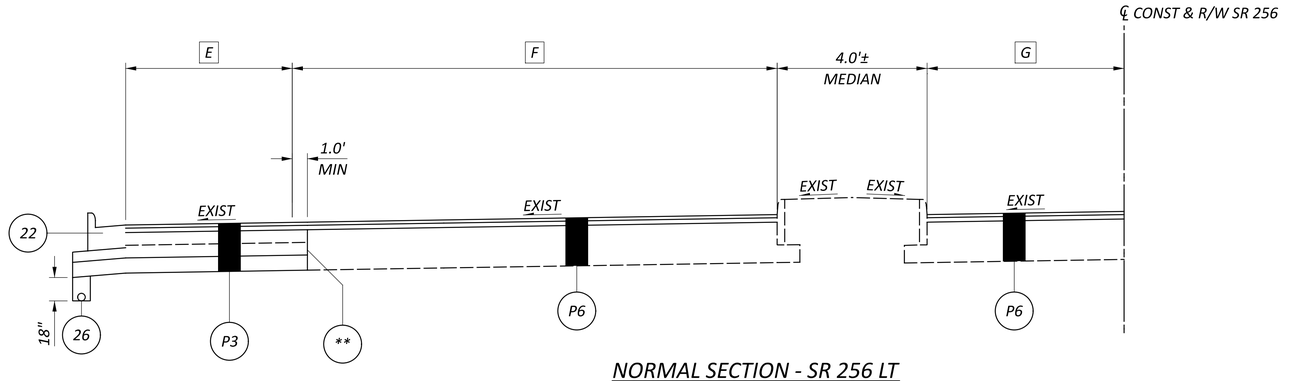
B VARIES FROM 12.0' AT STA. 33+40.00 TO 11.0' AT STA. 36+00.00

C VARIES FROM 33.5'± AT STA 33+40.00 TO 33.8'± AT STA 36+00.00

D VARIES FROM 7.4'± AT STA 33+40.00 TO 13.7'± AT STA 36+00.00

NORMAL SECTION - SR 256 LT

STA. 33+40.00 TO STA. 36+00.00



E TAPERS FROM 11.0' AT STA 36+00.00 TO 0.0' AT STA 36+50.00

F VARIES FROM 33.8'± AT STA 36+00.00 TO 34.1'± AT STA 36+50.00

G VARIES FROM 13.7'± AT STA 36+00.00 TO 14.5'± AT STA 36+50.00

NORMAL SECTION - SR 256 LT

STA. 36+00.00 TO STA. 36+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0069 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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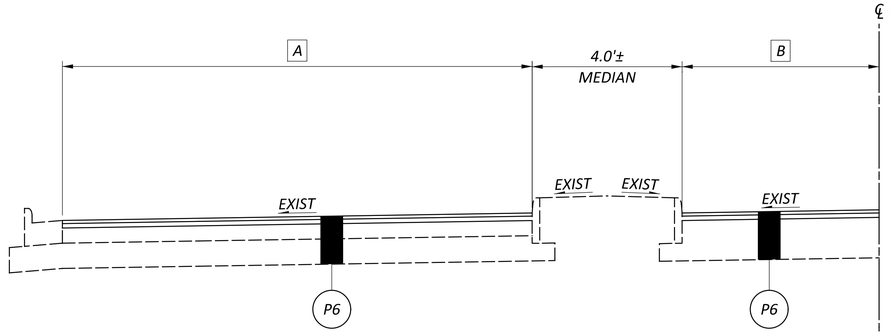
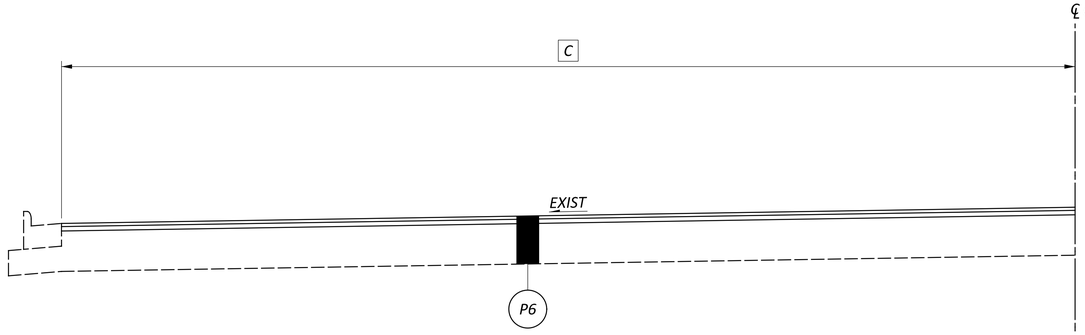


A VARIES FROM 34.1'± AT STA 36+50.00 TO 41.3'± AT STA 36+70.20

B VARIES FROM 14.5'± AT STA 36+50.00 TO 14.8'± AT STA 36+70.20

NORMAL SECTION - SR 256 LT

STA. 36+50.00 TO STA. 36+70.20



C VARIES FROM 60.2'± AT STA 36+70.20 TO 64.0'± AT STA 36+75.00

NORMAL SECTION - SR 256 LT

STA. 36+70.20 TO STA. 36+75.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 256

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0070 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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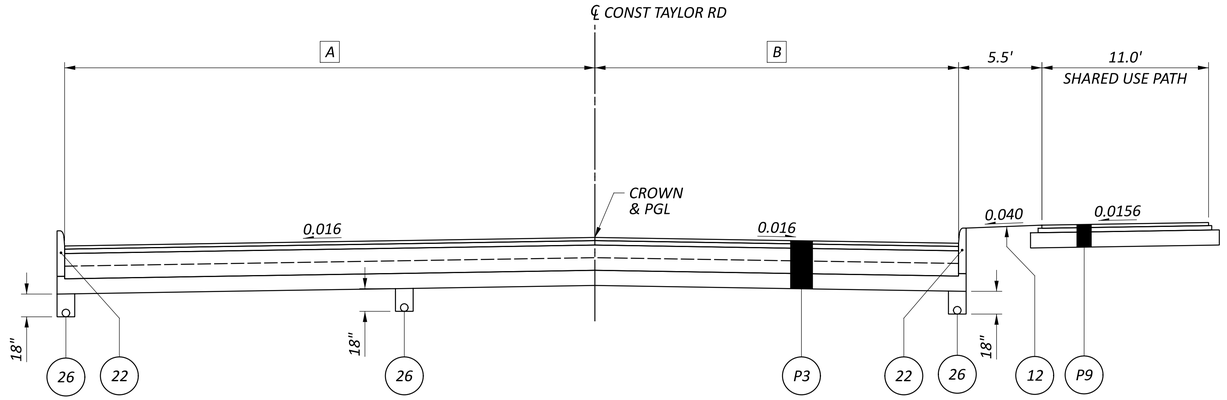
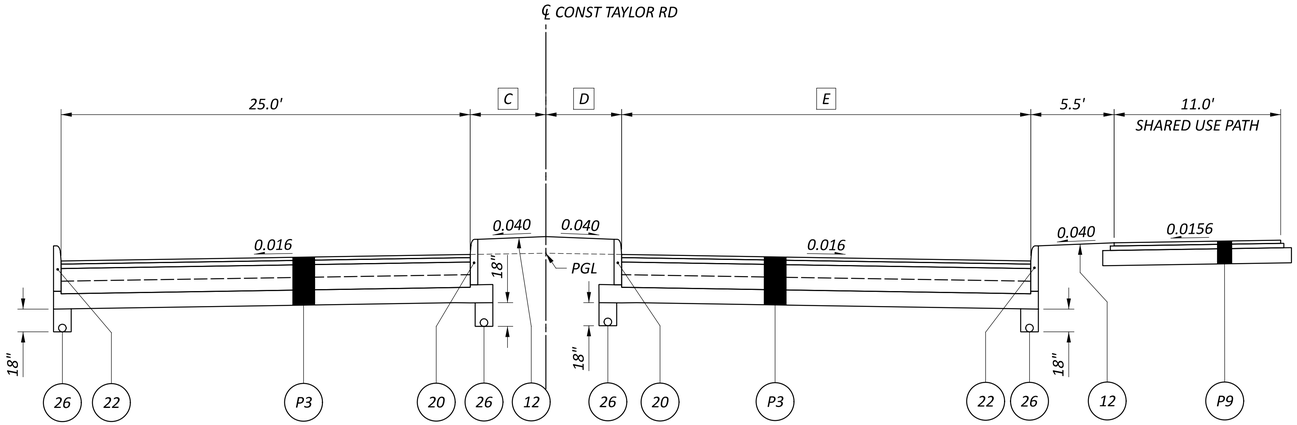


NORMAL SECTION - TAYLOR RD

STA. 16+44.79 TO STA. 25+50.00

A *VARIES FROM STA. 16+44.79 TO STA. 17+05.22*
35.0' FROM STA. 17+05.22 TO STA. 20+77.20
TAPERS FROM 35.0' AT STA. 20+77.20 TO 40.5' AT STA. 22+50.00
TAPERS FROM 40.5' AT STA. 22+50.00 TO 29.5' AT STA. 23+00.00
29.5' FROM STA. 23+00.00 TO STA. 25+50.00

B *VARIES FROM STA. 16+44.79 TO STA. 17+23.59*
24.0' FROM STA. 17+23.59 TO STA. 20+64.00
VARIES FROM 24.0' AT STA. 20+64.00 TO 29.5' AT STA. 22+50.00
29.5' FROM STA. 22+50.00 TO STA. 25+50.00



NORMAL SECTION - TAYLOR RD

STA. 25+50.00 TO STA. 35+00.00

C *4.5' FROM STA. 25+50.00 TO STA. 32+13.00*
TAPERS FROM 4.5' AT STA. 32+13.00 TO 13.0' AT STA. 35+00.00

D *4.5' FROM STA. 25+50.00 TO STA. 32+13.00*
TAPERS FROM 4.5' AT STA. 32+13.00 TO 13.0' AT STA. 35+00.00

E *23.0' FROM STA. 25+50.00 TO STA. 29+50.00*
TAPERS FROM 25.0' AT STA. 29+50.00 TO 36.0' AT STA. 30+00.00
36.0' FROM STA. 30+00.00 TO STA. 35+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

(1) *ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)*
(2) *ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
(3) *ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")*
(4) *ITEM 304 - 6" AGGREGATE BASE*
(5) *ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)*
(6) *ITEM 204 - SUBGRADE COMPACTION*
(7) *ITEM 204 - PROOF ROLLING*
(8) *ITEM 609 - 6" CONCRETE TRAFFIC ISLAND*
(9) *ITEM 304 - 4" AGGREGATE BASE*
(10) *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D*
(11) *ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C*
(12) *ITEM 659 - SEEDING AND MULCHING*
(13) *ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE*
(14) *ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
(15) *ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)*
(16) *ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA*
(17) *ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")*
(18) *ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22*
(19) *ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)*
(20) *ITEM 609 - CURB, TYPE 6*
(21) *ITEM 609 - CURB, TYPE 2-A*
(22) *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2*
(23) *ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"*
(24) *ITEM 608 - 4" CONCRETE WALK*
(25) *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS*
(26) *ITEM 605 - 6" BASE PIPE UNDERDRAINS*
(27) *ITEM 606 - GUARDRAIL, TYPE MGS*
(28) *ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION*
(29) *ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE*
(30) *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")*
(31) *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
(32) *ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")*
(33) *ITEM 607 - FENCE, MISC: WOOD FENCE*
(34) *ITEM 605 - AGGREGATE DRAINS*
(35) *ITEM 609 - CURB, TYPE 3, APP*
(36) *ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP*
(37) *ITEM 204 - PROOF ROLLING*
(38) *ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22*
(CJ) *CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15*
(LJ) *LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1*
(**) *SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY*

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0071 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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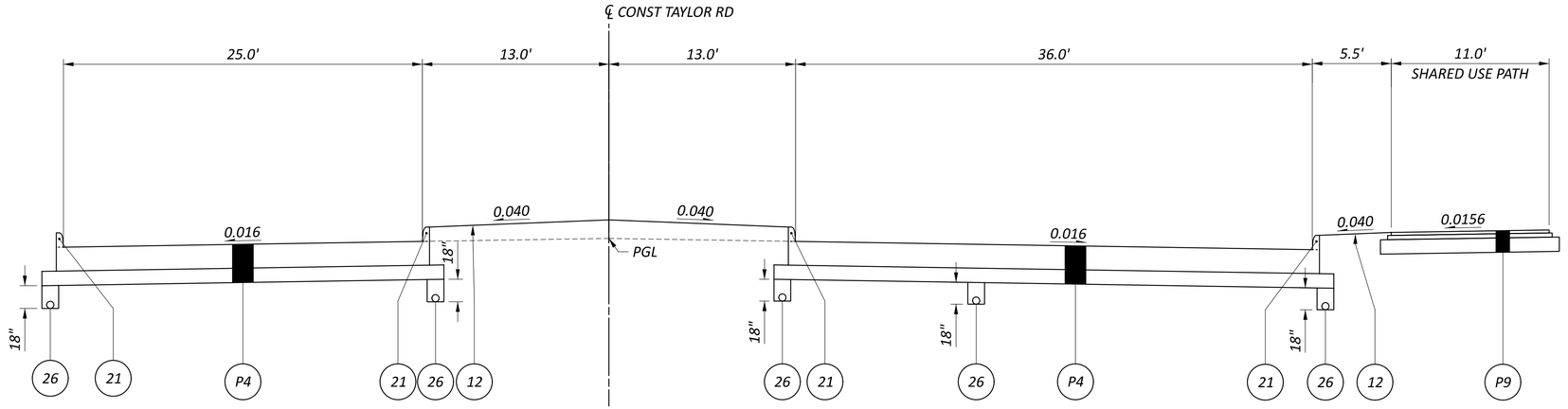
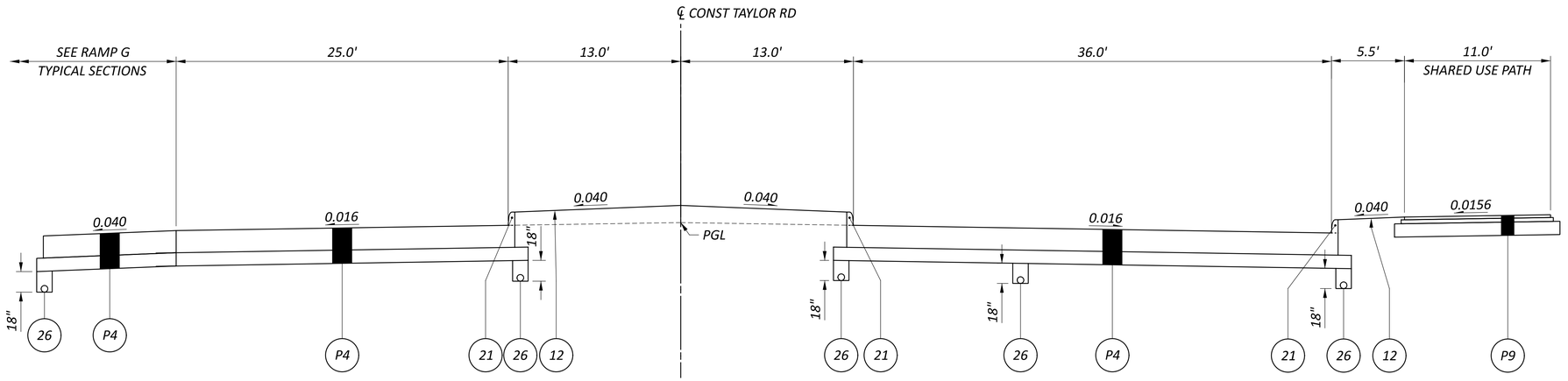


NORMAL SECTION - TAYLOR RD

STA. 35+00.00 TO STA. 35+54.94



NORMAL SECTION - TAYLOR RD

STA. 35+54.94 TO STA. 35+71.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. *CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.*

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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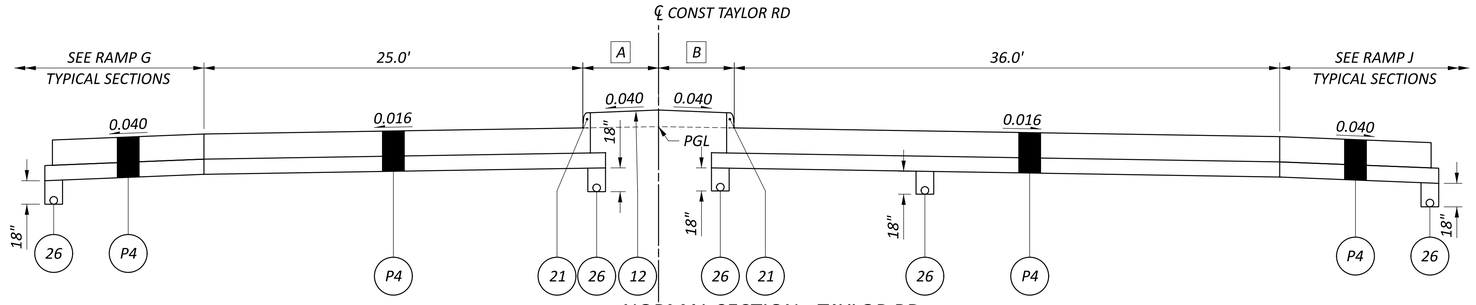
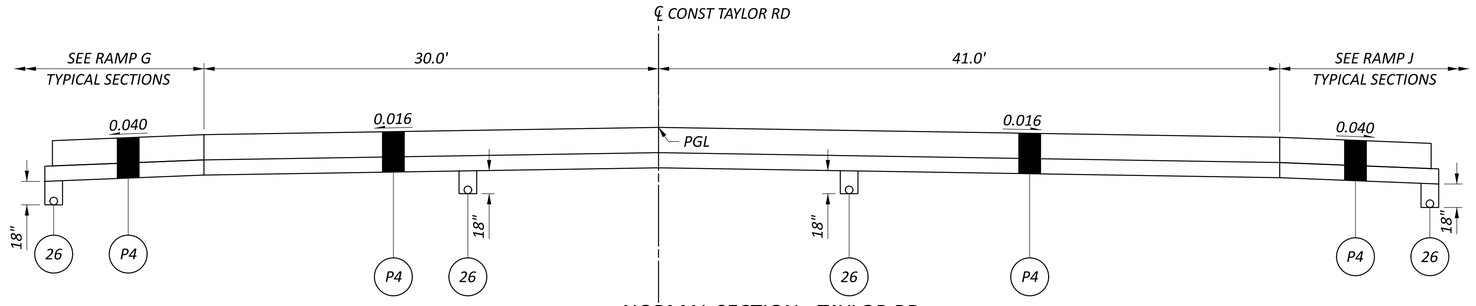
DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0072 TOTAL P.2024



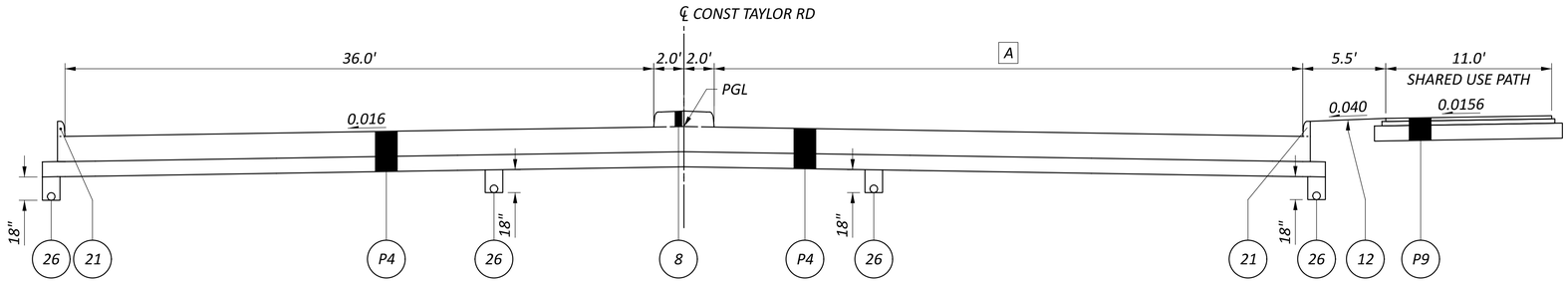
NORMAL SECTION - TAYLOR RD

STA. 35+71.14 TO STA. 36+00.00



NORMAL SECTION - TAYLOR RD

STA. 36+00.00 TO STA. 36+85.00



NORMAL SECTION - TAYLOR RD

STA. 36+85.00 TO STA. 39+56.99

A VARIES FROM 41.85' AT STA. 36+85.00 TO 36.0' AT STA. 38+31.00
36.0' FROM STA. 38+31.00 TO STA. 39+56.99

PROPOSED BRIDGE
APPROACH SLAB = STA. 39+56.99 TO STA. 39+86.99, SEE SHEET P.0050
STRUCTURE = STA. 39+86.99 TO STA. 42+27.19
APPROACH SLAB = STA. 42+27.19 TO STA. 42+57.19, SEE SHEET P.0050

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- (CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- (LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- (**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- (A) EXIST 15"± ASPHALT CONCRETE
- (B) EXIST 6"± AGGREGATE
- (C) EXIST 13"± ASPHALT CONCRETE
- (D) EXIST 6"± AGGREGATE
- (E) EXIST 12"± ASPHALT CONCRETE
- (F) EXIST 8"± AGGREGATE
- (G) EXIST CURB
- (H) EXIST CURB AND GUTTER
- (I) EXIST 4" CONCRETE SIDEWALK
- (J) EXIST 9.25"± ASPHALT CONCRETE
- (K) EXIST 3"± ASPHALT CONCRETE
- (L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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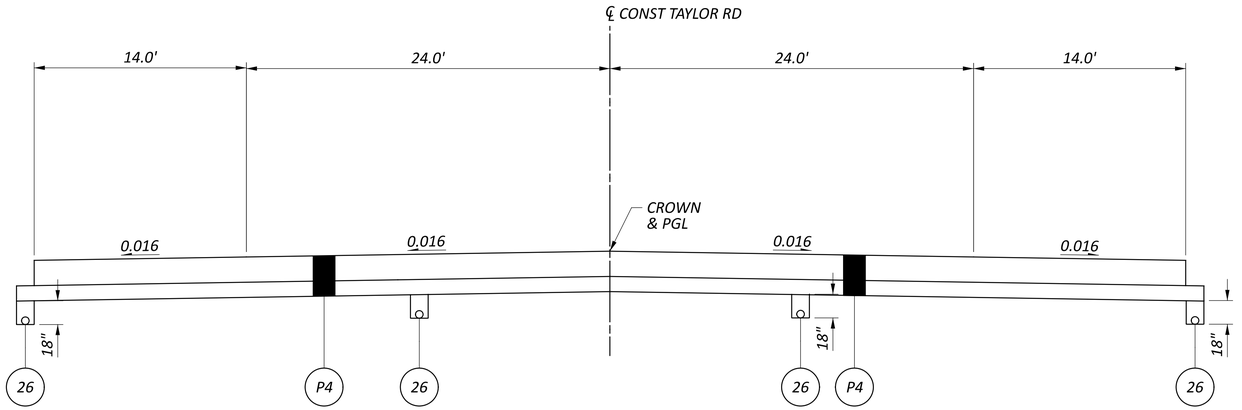
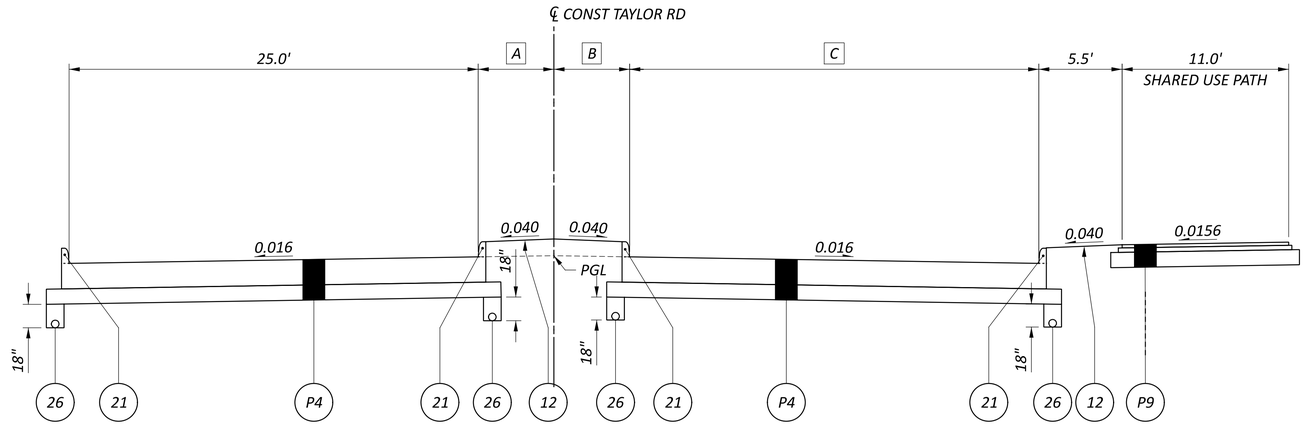
DESIGN AGENCY
MPEAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0073 TOTAL P.2024



NORMAL SECTION - TAYLOR RD

STA. 42+57.19 TO STA. 43+50.00



NORMAL SECTION - TAYLOR RD

STA. 43+50.00 TO STA. 44+50.00

A 13.0' FROM STA. 43+50.00 TO STA. 43+78.00
VARIES FROM 13.0' AT STA. 43+78.00 TO 10.9' AT STA. 44+50.00

B 13.0' FROM STA. 43+50.00 TO STA. 43+78.00
VARIES FROM 13.0' AT STA. 43+78.00 TO 10.9' AT STA. 44+50.00

C VARIES FROM STA. 43+50.00 TO STA. 44+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
MPEAN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0074 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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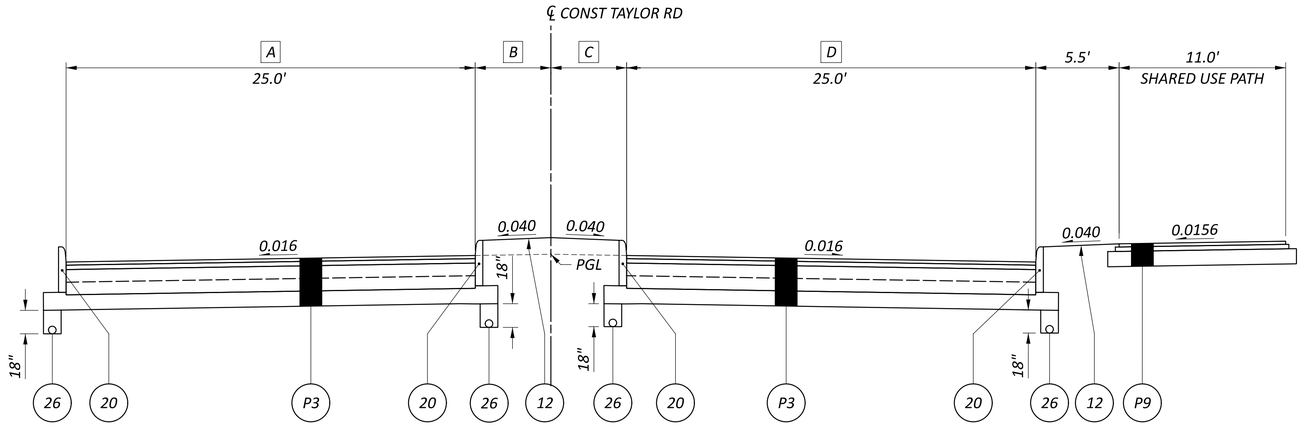


A 25.0' FROM STA. 44+50.00 TO STA. 47+20.00
TAPERS FROM 25.0' AT STA. 47+20.00 TO 18.8' AT STA. 47+50.00

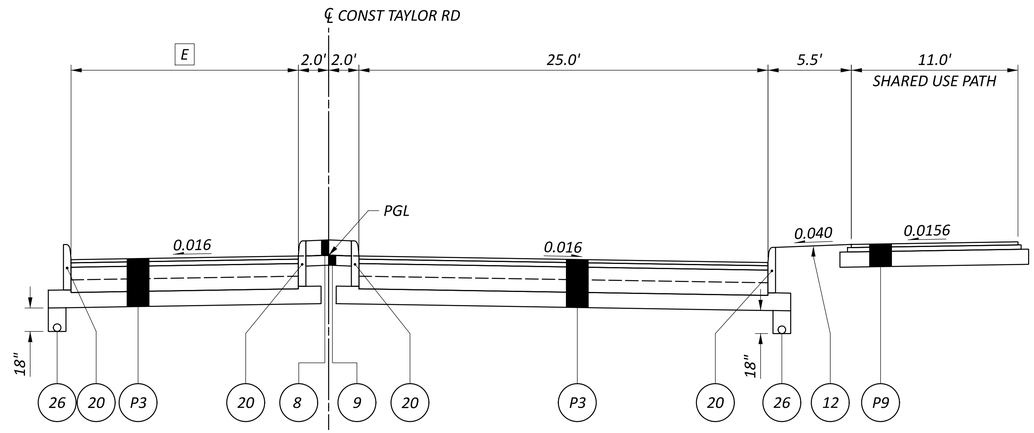
B VARIES FROM 10.9' AT STA. 44+50.00 TO 2.0' AT STA. 47+50.00

C VARIES FROM 10.9' AT STA. 44+50.00 TO 2.0' AT STA. 47+50.00

D VARIES FROM STA. 44+50.00 TO STA. 45+10.39
25.0' FROM STA. 45+10.39 TO STA. 47+50.00

NORMAL SECTION - TAYLOR RD

STA. 44+50.00 TO STA. 47+50.00



E VARIES FROM 18.8' AT STA. 47+50.00 TO 14.0' AT STA. 47+70.00
14.0' FROM STA. 47+70.00 TO STA. 49+61.96

NORMAL SECTION - TAYLOR RD

STA. 47+50.00 TO STA. 49+61.96

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0075 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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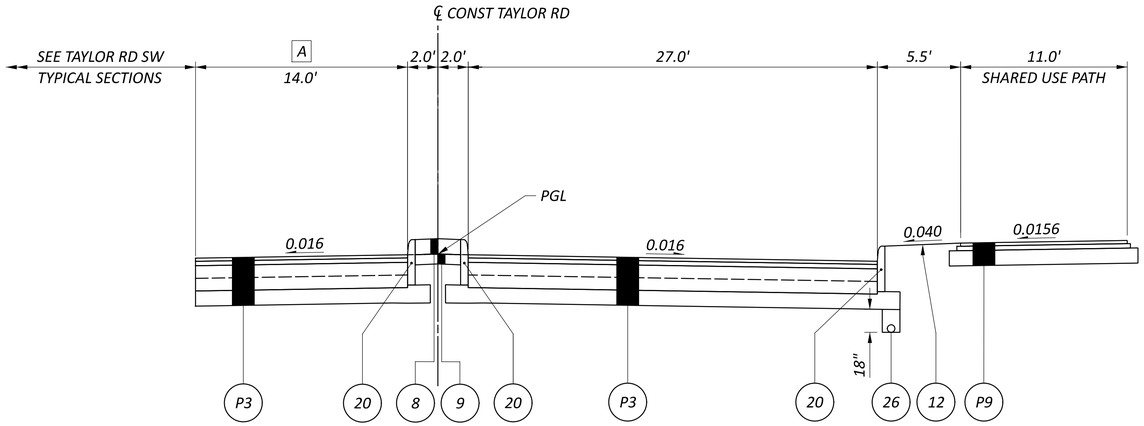
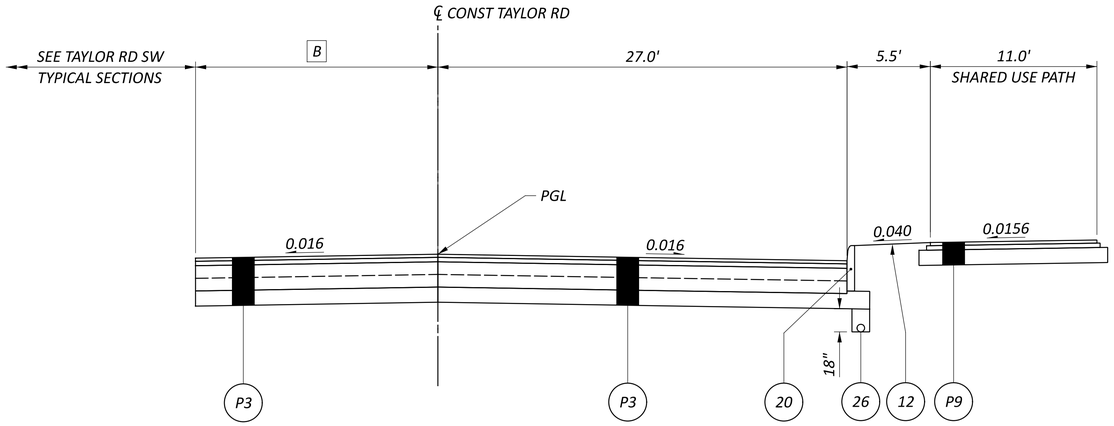


NORMAL SECTION - TAYLOR RD

STA. 49+61.96 TO STA. 50+20.00

A VARIES FROM 14.0' AT STA. 49+61.96 TO 24.5' AT STA. 50+20.00



NORMAL SECTION - TAYLOR RD

STA. 50+20.00 TO STA. 50+36.31

B VARIES FROM 24.5' AT STA. 50+20.00 TO 29.5' AT STA. 50+36.31

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22

CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15

LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1

** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

A EXIST 15"± ASPHALT CONCRETE
B EXIST 6"± AGGREGATE
C EXIST 13"± ASPHALT CONCRETE
D EXIST 6"± AGGREGATE
E EXIST 12"± ASPHALT CONCRETE
F EXIST 8"± AGGREGATE
G EXIST CURB
H EXIST CURB AND GUTTER
I EXIST 4" CONCRETE SIDEWALK
J EXIST 9.25"± ASPHALT CONCRETE
K EXIST 3"± ASPHALT CONCRETE
L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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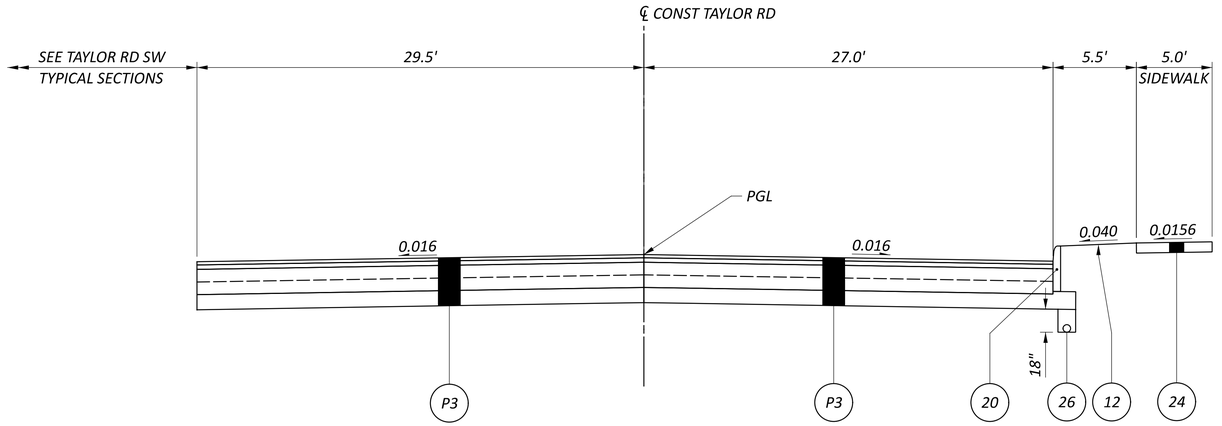
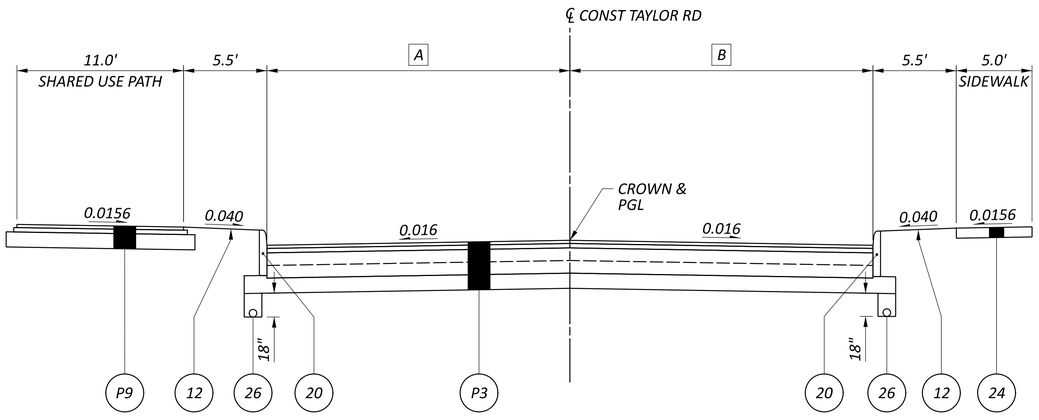
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0076 TOTAL P.2024



NORMAL SECTION - TAYLOR RD

STA. 50+36.31 TO STA. 52+05.41



NORMAL SECTION - TAYLOR RD

STA. 52+05.41 TO STA. 55+51.33

A 29.5' FROM STA. 52+05.41 TO STA. 53+63.00
TAPERS FROM 29.5' AT STA. 53+63.00 TO 18.5' AT STA. 54+13.00
18.5' FROM STA. 54+13.00 TO STA. 55+51.33

B 27.0' FROM STA. 52+05.41 TO STA. 52+40.56
VARIES FROM 27.0' AT STA. 52+40.56 TO 18.5' AT STA. 55+28.00
18.5' FROM STA. 55+28.00 TO STA. 55+51.33

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

FAI/LIC-IR 70-0.00/0.00

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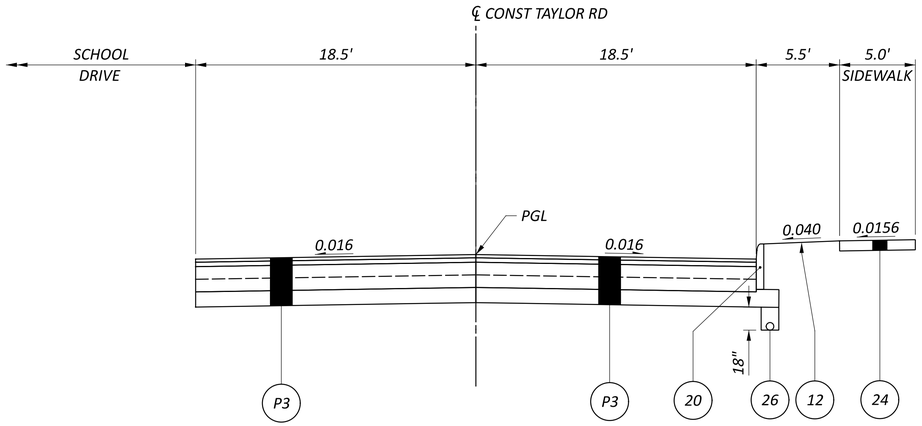
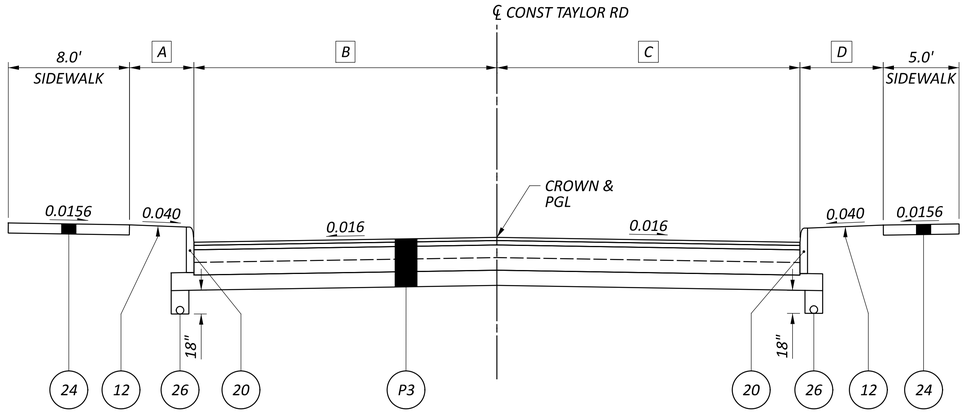
DESIGN AGENCY
MORPHEN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0077 TOTAL P.2024



NORMAL SECTION - TAYLOR RD

STA. 55+51.33 TO STA. 56+87.39



NORMAL SECTION - TAYLOR RD

STA. 56+87.39 TO STA. 58+05.00

A 5.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 5.5' AT STA. 57+55.00 TO 4.6' AT STA. 58+05.00

B 18.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 18.5' AT STA. 57+55.00 TO 19.4' AT STA. 58+05.00

C 18.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 18.5' AT STA. 57+55.00 TO 19.6' AT STA. 58+05.00

D 5.5' FROM STA. 56+87.39 TO STA. 57+55.00
VARIES FROM 5.5' AT STA. 57+55.00 TO 4.6' AT STA. 58+05.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD

DESIGN AGENCY
MPEAON STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0078 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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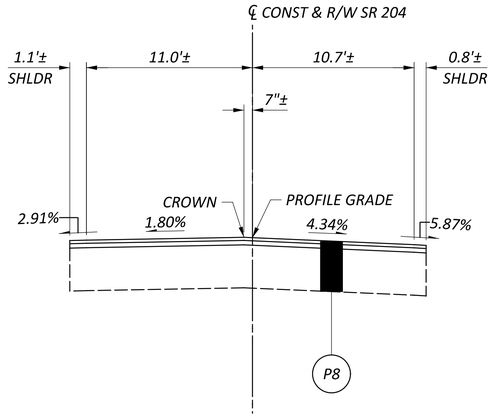
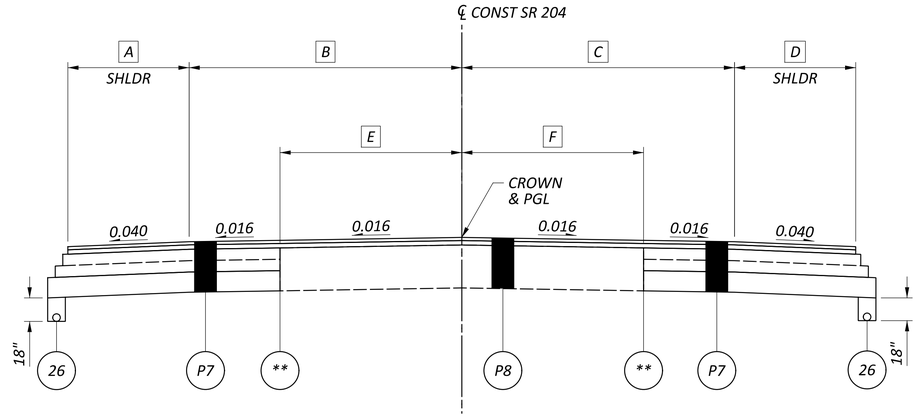


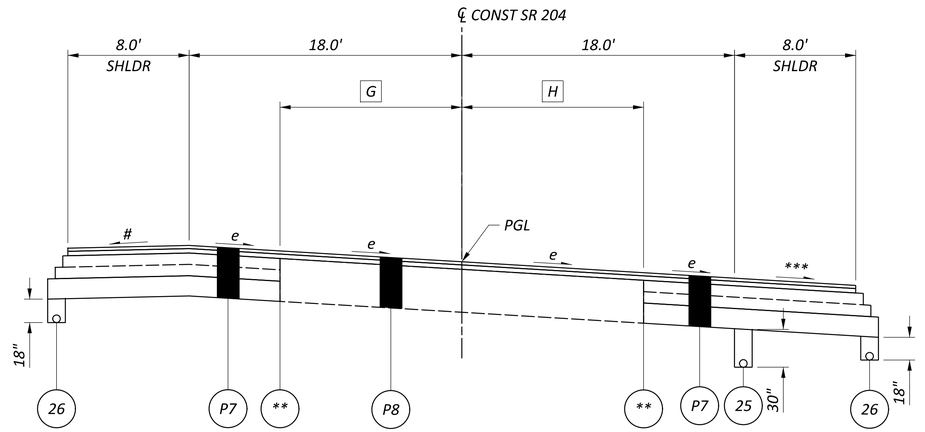
RESURFACING SECTION - SR 204

STA. 32+00.00 TO STA. 36+50.00



NORMAL SECTION - SR 204

STA. 36+50.00 TO STA. 39+30.13



SUPERELEVATION SECTION - SR 204

STA. 39+30.13 TO STA. 41+27.88

*** 0.040 OR RATE OF SUPER IF GREATER
\# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK

A VARIES FROM 2.0' AT STA. 36+50.00 TO 8.0' AT STA. 38+97.00
8.0' FROM STA. 38+97.00 TO STA. 39+30.13

B VARIES FROM 11.0' AT STA. 36+50.00 TO 18.0' AT STA. 38+97.00
18.0' FROM STA. 38+97.00 TO STA. 39+30.13

C VARIES FROM 10.7' AT STA. 36+50.00 TO 18.0' AT STA. 38+97.00
18.0' FROM STA. 38+97.00 TO STA. 39+30.13

D VARIES FROM 2.0' AT STA. 36+50.00 TO 8.0' STA. 38+97.00
8.0' FROM STA. 38+97.00 TO STA. 39+30.13

E VARIES FROM 5.5' AT STA. 36+50.00 TO 9.0' AT STA. 38+97.00
9.0' FROM STA. 38+97.00 TO STA. 39+30.13

F VARIES FROM 5.3' AT STA. 36+50.00 TO 9.0' AT STA. 38+97.00
9.0' FROM STA. 38+97.00 TO STA. 39+30.13

G 9.0' FROM STA. 39+30.13 TO STA. 39+50.00
12.0' FROM 39+50.00 TO STA. 41+27.88

H 9.0' FROM STA. 39+30.13 TO STA. 39+50.00
12.0' FROM 39+50.00 TO STA. 41+27.88

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 204

FAI/LIC-IR 70-0.00/0.00

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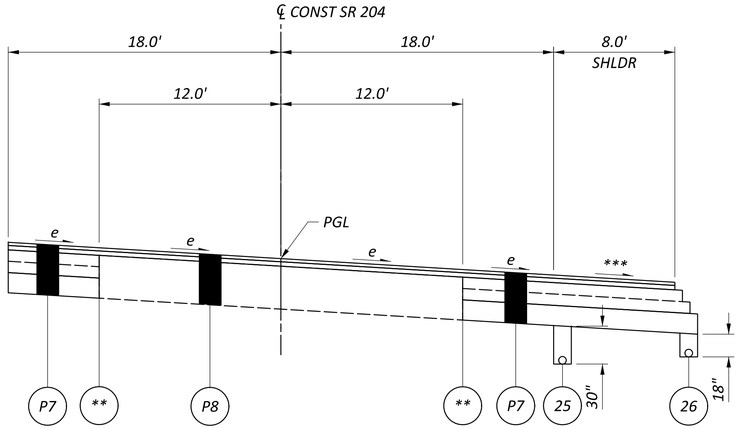
DESIGN AGENCY
STRUCTUREPOINT LLC

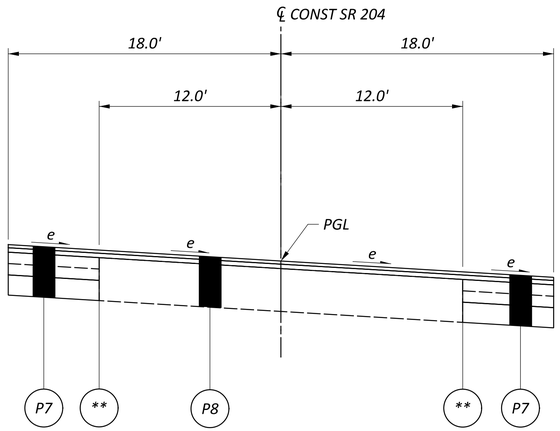
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0079 TOTAL P.2024

*** 0.040 OR RATE OF SUPER IF GREATER
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



SUPERELEVATION SECTION - SR 204

STA. 41+27.88 TO STA. 41+65.53



SUPERELEVATION SECTION - SR 204

STA. 41+65.53 TO STA. 42+87.14

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 204

FAI/LIC-IR 70-0.00/0.00

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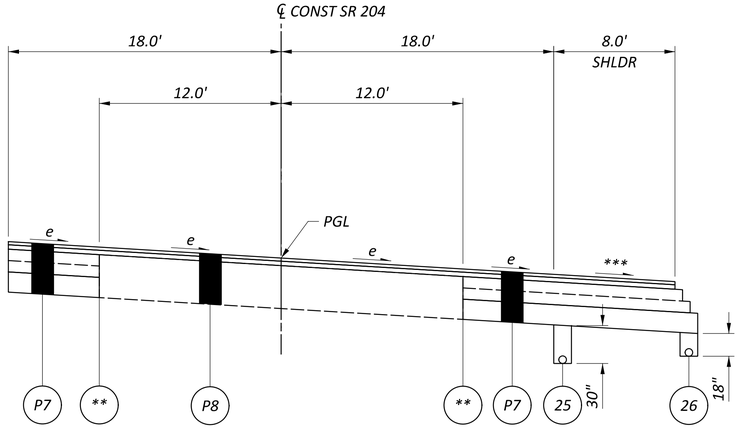
DESIGN AGENCY
STRUCTUREPOINT LLC

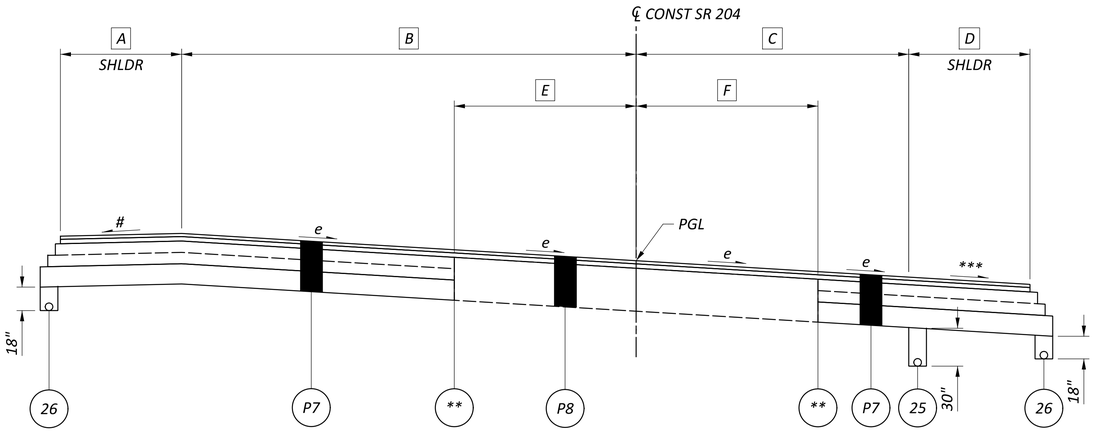
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0080 TOTAL P.2024

*** 0.040 OR RATE OF SUPER IF GREATER
# VARIES 0.040 TO 0.010 BASED ON GRADE BREAK



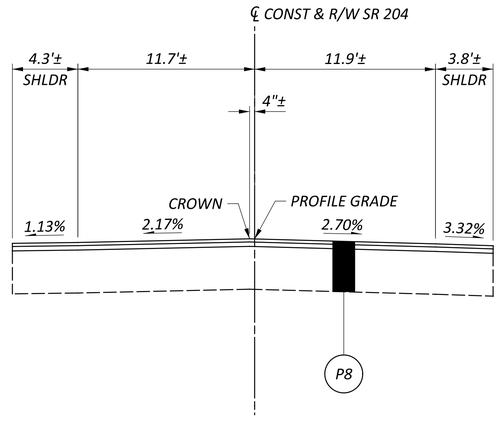
SUPERELEVATION SECTION - SR 204

STA. 42+87.14 TO STA. 43+28.00



SUPERELEVATION SECTION - SR 204

STA. 43+28.00 TO STA. 48+00.00



RESURFACING SECTION - SR 204

STA. 48+00.00 TO STA. 52+00.00

A VARIES FROM 8.0' AT STA. 45+85.00 TO 4.5' AT STA. 48+00.00

B 30.0' FROM STA. 43+28.00 TO STA. 45+10.00
VARIES FROM 30.0' AT STA. 45+10.00 TO 18.0' AT STA. 45+60.00
18.0' FROM STA. 45+60.00 TO STA. 48+85.00
VARIES FROM 18.0' AT STA. 45+85.00 TO 11.9' AT STA. 48+00.00

C VARIES FROM 18.0' AT STA. 45+85.00 TO 11.7' AT STA. 48+00.00

D VARIES FROM 8.0' AT STA. 45+85.00 TO 3.7' AT STA. 48+00.00

E 12.0' FROM 43+28.00 TO STA. 47+75.36
VARIES FROM 12.0' AT STA. 47+75.36 TO 11.9' AT STA. 48+00.00

F 12.0' FROM 43+28.00 TO STA. 47+75.36
VARIES FROM 12.0' AT STA. 47+75.36 TO 11.7' AT STA. 48+00.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
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(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
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(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
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(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
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(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
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(33) ITEM 607 - FENCE, MISC: WOOD FENCE
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(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - SR 204

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0081 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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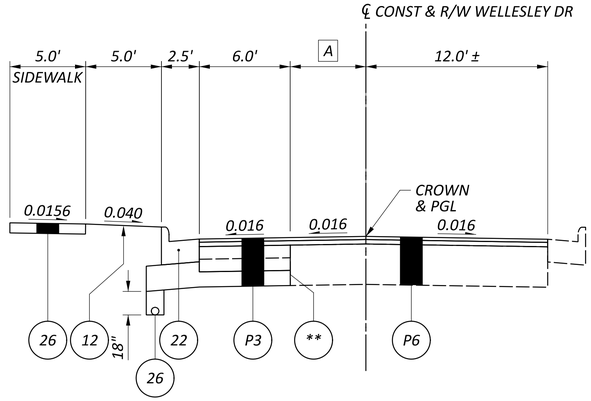
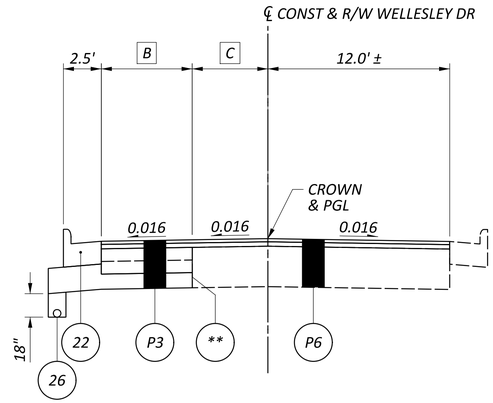


NORMAL SECTION - WELLESLEY RD

STA. 13+33.24 TO STA. 13+96.00



NORMAL SECTION - WELLESLEY RD

STA. 13+96.00 TO STA. 15+80.55

A VARIES FROM 6.0' STA. 13+51.18 TO 8.9' AT STA. 13+96.00

B 12.0' FROM STA. 14+15.00 TO STA. 15+52.18
VARIES FROM 12.0' AT STA. 15+52.18 TO 24.0' AT STA. 15+80.55

C VARIES FROM 8.9' AT STA. 13+96.00 TO 10.2' AT STA. 14+15.00
VARIES FROM 4.1' AT STA. 14+15.00 TO 12.0' AT STA. 15+36.48

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

1. ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
2. ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
3. ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
4. ITEM 304 - 6" AGGREGATE BASE
5. ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
6. ITEM 204 - SUBGRADE COMPACTION
7. ITEM 204 - PROOF ROLLING
8. ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
9. ITEM 304 - 4" AGGREGATE BASE
10. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
11. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
12. ITEM 659 - SEEDING AND MULCHING
13. ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
14. ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
15. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
16. ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
17. ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
18. ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
19. ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
20. ITEM 609 - CURB, TYPE 6
21. ITEM 609 - CURB, TYPE 2-A
22. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
23. ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
24. ITEM 608 - 4" CONCRETE WALK
25. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
26. ITEM 605 - 6" BASE PIPE UNDERDRAINS
27. ITEM 606 - GUARDRAIL, TYPE MGS
28. ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
29. ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
30. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
31. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
32. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
33. ITEM 607 - FENCE, MISC: WOOD FENCE
34. ITEM 605 - AGGREGATE DRAINS
35. ITEM 609 - CURB, TYPE 3, APP
36. ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
37. ITEM 204 - PROOF ROLLING
38. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
- CJ CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
- LJ LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
- ** SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

- A EXIST 15"± ASPHALT CONCRETE
- B EXIST 6"± AGGREGATE
- C EXIST 13"± ASPHALT CONCRETE
- D EXIST 6"± AGGREGATE
- E EXIST 12"± ASPHALT CONCRETE
- F EXIST 8"± AGGREGATE
- G EXIST CURB
- H EXIST CURB AND GUTTER
- I EXIST 4" CONCRETE SIDEWALK
- J EXIST 9.25"± ASPHALT CONCRETE
- K EXIST 3"± ASPHALT CONCRETE
- L EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - WELLESLEY RD

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0082 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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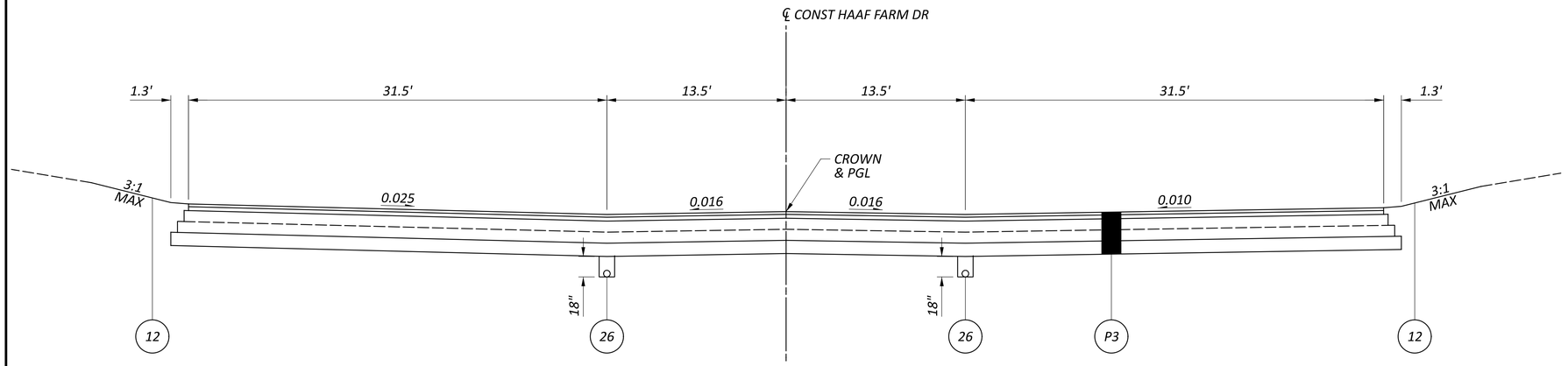
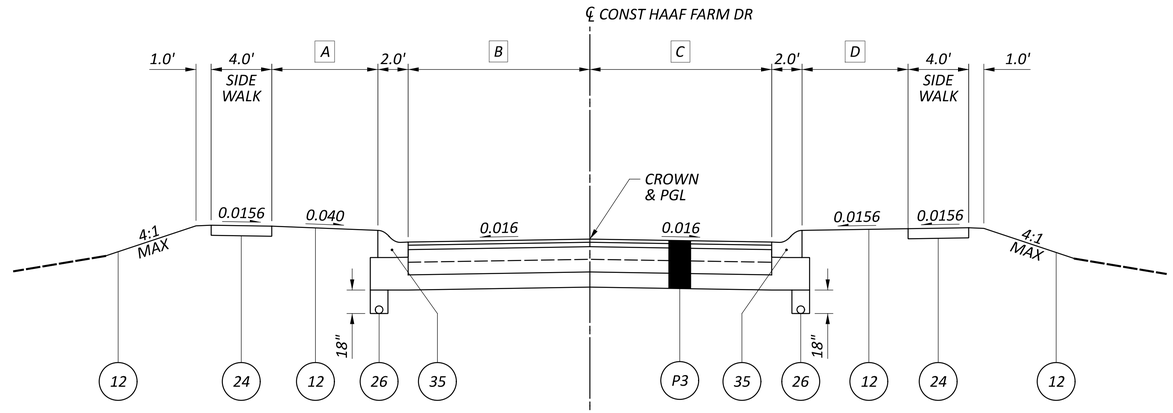


NORMAL SECTION - HAAF FARM DR

STA 1+50.08 TO STA 1+76.58



NORMAL SECTION - HAAF FARM DR

STA 1+76.58 TO STA 2+43.57

A TAPERS FROM 7.0' AT STA. 2+39.81 TO 7.3' AT STA. 2+43.57

B VARIES FROM STA. 1+76.58 TO STA. 1+97.24
TAPERS FROM 12.0' AT STA. 2+20.11 TO 12.6' AT STA. 2+43.57

C VARIES FROM STA. 1+76.58 TO STA. 1+97.24
TAPERS FROM 12.0' AT STA. 2+19.12 TO 12.6' AT STA. 2+43.57

D TAPERS FROM 7.0' AT STA. 2+19.12 TO 7.1' AT STA. 2+43.57

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - HAFF FARM DR

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0083 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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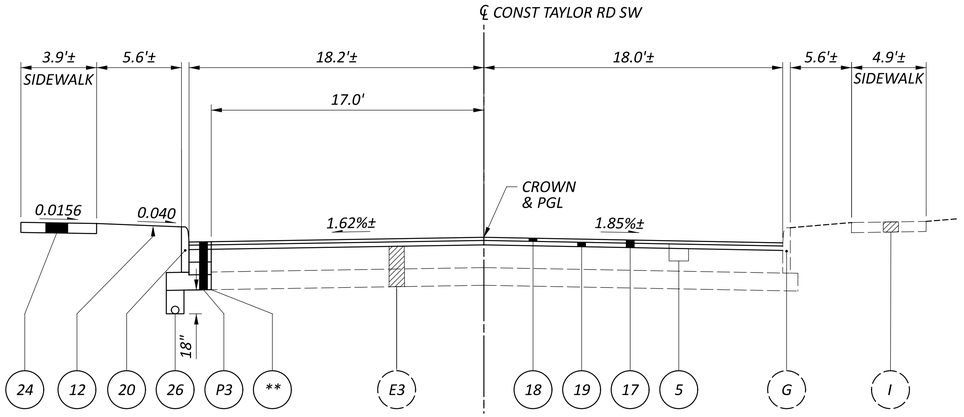
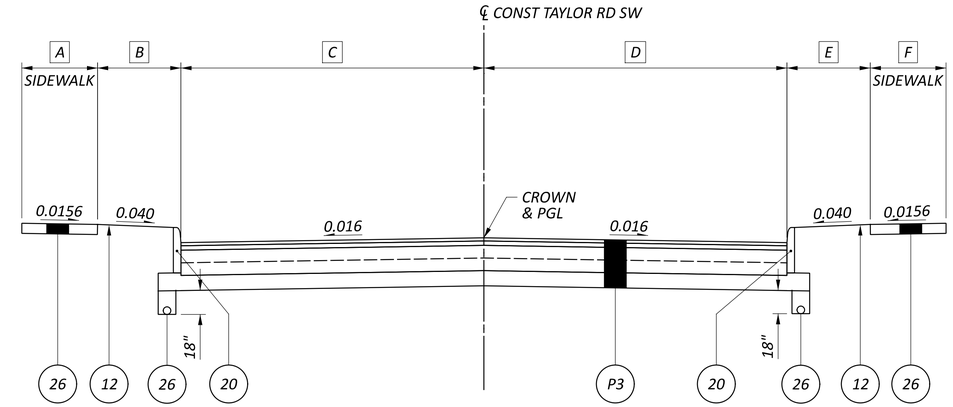


NORMAL SECTION - TAYLOR RD SW

STA. 10+00.00 TO STA. 12+00.00



NORMAL SECTION - TAYLOR RD SW

STA. 12+00.00 TO STA. 15+54.07

A VARIES FROM 3.9' AT STA. 12+00.00 TO 5.0' AT STA. 12+75.00
5.0' FROM STA. 12+75.00 TO STA. 15+54.07

B VARIES FROM 6.5' AT STA. 12+00.00 TO 5.5' AT STA. 12+75.00
5.5' FROM STA. 12+75.00 TO STA. 15+54.07

C VARIES FROM 17.8' AT STA. 12+00.00 TO 20.5' AT STA. 12+75.00
20.5' FROM STA. 12+75.00 TO STA. 15+54.07

D VARIES FROM 18.0' AT STA. 12+00.00 TO 20.5' AT STA. 12+75.00
20.5' FROM STA. 12+75.00 TO STA. 15+54.07

E VARIES FROM 5.7' AT STA. 12+00.00 TO 5.5' AT STA. 12+75.00
5.5' FROM STA. 12+75.00 TO STA. 15+54.07

F VARIES FROM 3.9' AT STA. 12+00.00 TO 5.0' AT STA. 12+75.00
5.0' FROM STA. 12+75.00 TO STA. 15+54.07

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - TAYLOR RD SW

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0084 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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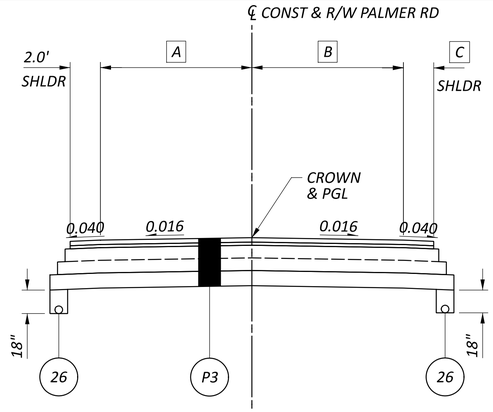
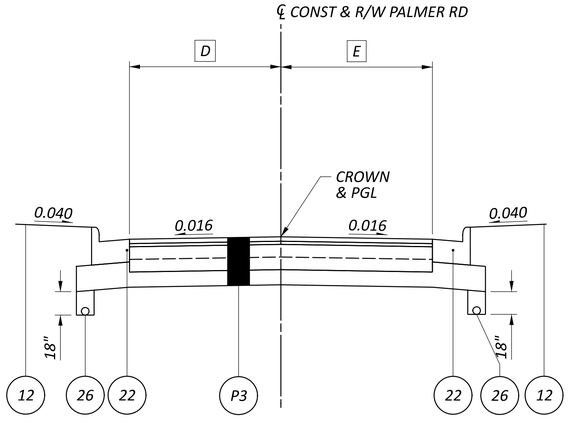


NORMAL SECTION - PALMER RD

STA. 18+00.00 TO STA. 20+15.00



NORMAL SECTION - PALMER RD

STA. 20+15.00 TO STA. 24+93.43

A VARIES FROM 9.8' AT STA. 18+00.00 TO 10.0' AT STA. 18+20.00
10' FROM STA. 18+20.00 TO STA. 20+15.00

B VARIES FROM 9.7' AT STA. 18+00.00 TO 10.0' AT STA. 18+20.00
10' FROM STA. 18+20.00 TO STA. 20+15.00

C VARIES FROM 1.3' AT STA. 18+00.00 TO 2.0' AT STA. 18+20.00

D VARIES FROM 10.0' AT STA. 20+45.50 TO 15.0' AT STA. 22+14.25
VARIES FROM 15.0' AT STA. 24+60.00 TO 14.2' AT STA. 24+90.00

E TAPERS FROM 10.0' AT STA. 20+45.50 TO 11.5' AT STA. 20+77.00
TAPERS FROM 11.5' AT STA. 20+77.00 TO 24.0' AT STA. 21+47.00
TAPERS FROM 24.0' AT STA. 21+47.00 TO 15.0' AT STA. 22+73.00
VARIES FROM 15.0' AT STA. 24+60.00 TO 14.2' AT STA. 24+90.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - PALMER RD

DESIGN AGENCY
MORPHEN STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0085 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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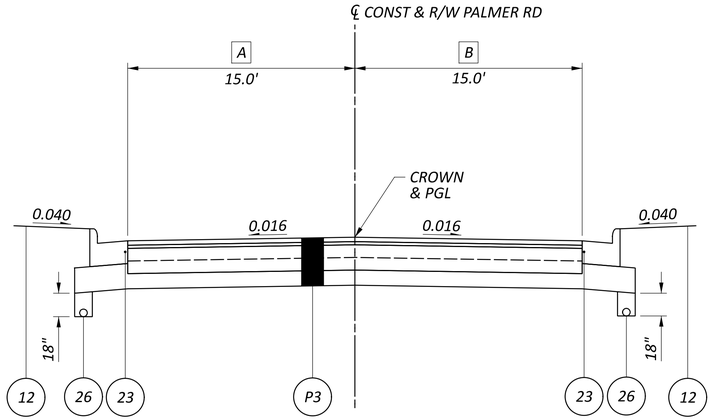
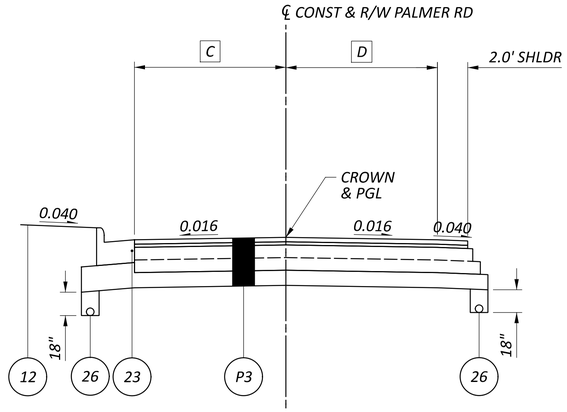


NORMAL SECTION - PALMER RD

STA. 22+73.00 TO STA. 24+93.43



NORMAL SECTION - PALMER RD

STA. 24+93.43 TO STA. 25+01.01

A VARIES FROM 15.0' AT STA. 24+60.00 TO 14.1' AT STA. 24+93.43

B VARIES FROM 15.0' AT STA. 24+60.00 TO 14.1' AT STA. 24+93.43

C VARIES FROM 14.1' AT STA. 24+93.43 TO 13.9' AT STA. 25+00.94

D VARIES FROM 14.1' AT STA. 24+93.43 TO 13.9' AT STA. 25+00.94

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - PALMER RD

DESIGN AGENCY
MORPHUM STRUCTUREPOINT INC.
DESIGNER
AJO
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0086 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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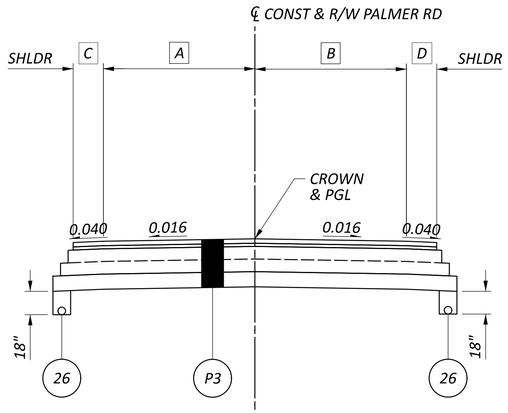

NORMAL SECTION - PALMER RD

STA. 25+00.94 TO STA. 26+50.00

A VARIES FROM 13.9' AT STA. 25+00.94 TO 9.4' AT STA. 26+50.00

B VARIES FROM 13.9' AT STA. 25+00.94 TO 10.5' AT STA. 26+50.00

C VARIES FROM 2.0' AT STA. 26+46.92 TO 1.5' AT STA. 26+50.00

D VARIES FROM 2.0' AT STA. 25+87.87 TO 0.7' AT STA. 26+50.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRAGE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - PALMER RD

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0087 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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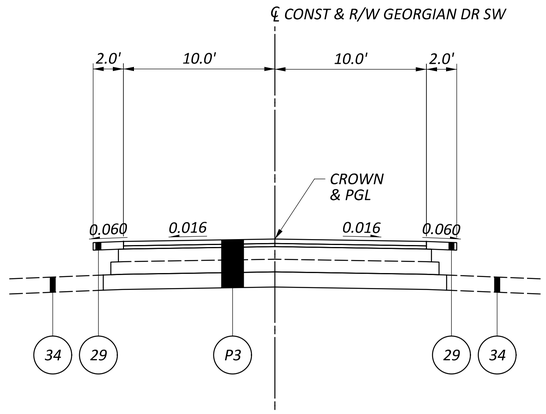
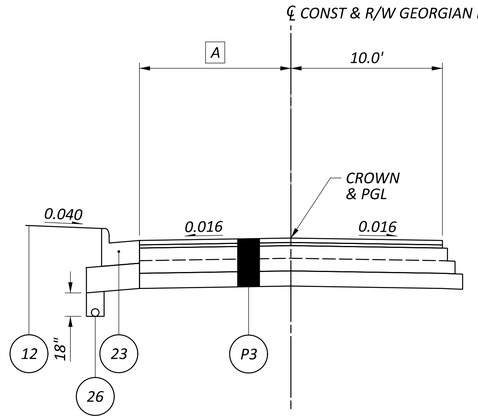


NORMAL SECTION - GEORGIAN DR SW

STA. 101+50.00 TO STA. 102+63.00



NORMAL SECTION - GEORGIAN DR SW

STA. 102+63.14 TO STA. 103+08.07

A VARIES FROM 10.0' AT STA. 102+63.14 TO 33.2' AT STA. 103+08.07

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - GEORGIAN DR SW

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
AJO
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0088 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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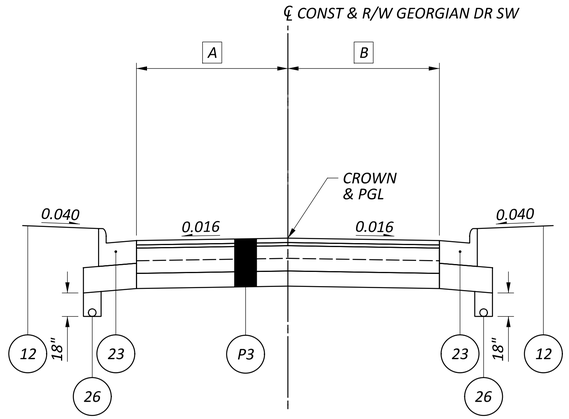

NORMAL SECTION - GEORGIAN DR SW

STA. 103+08.07 TO STA. 103+28.30

A VARIES FROM 33.2' AT STA. 103+08.07 TO 59.1' AT STA. 103+28.30

B VARIES FROM 10.0' AT STA. 103+08.07 TO 34.8' AT STA. 103+28.30

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - GEORGIAN DR SW

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0089 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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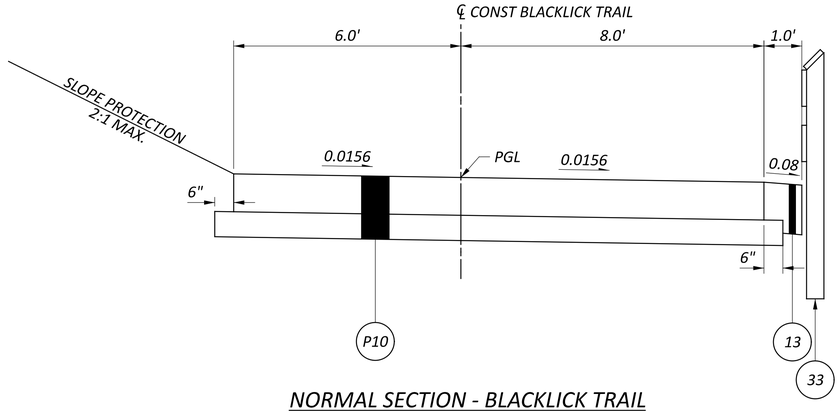
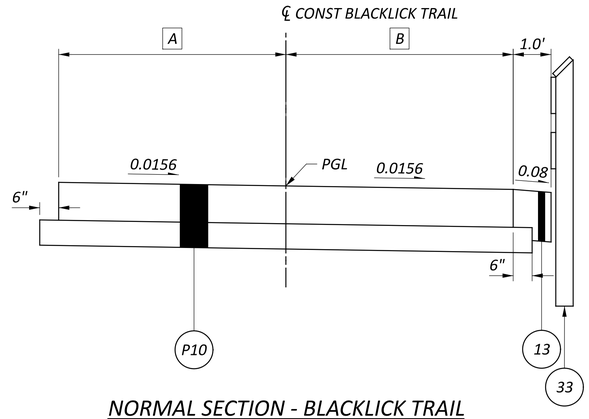


NORMAL SECTION - BLACKLICK TRAIL

STA. 2+16.26 TO STA. 4+55.59



NORMAL SECTION - BLACKLICK TRAIL

STA. 1+25.00 TO STA. 2+16.26

STA. 4+55.59 TO STA. 5+30.00

A 6.0' FROM STA. 1+25.00 TO STA. 2+16.26
6.0' FROM STA. 4+55.59 TO STA. 5+15.61
TAPERS FROM 6.0' AT STA. 5+15.61 TO 6.75' AT STA. 5+30.00

B 6.0' FROM STA. 1+25.00 TO STA. 2+05.00
TAPERS FROM 6.0' AT STA. 2+05.00 TO 8.0' AT STA. 2+15.00
8.0' FROM STA. 2+15.00 TO STA. 2+16.26
TAPERS FROM 8.0' AT STA. 4+55.59 TO 6.5' AT STA. 4+78.09
6.5' FROM STA. 4+78.09 TO STA. 5+30.00

NOTES: FOR PAVEMENT COMPOSITION, SEE SHEET P.0021
FOR GRADING DETAILS, SEE SHEET P.0022

1. CEMENT STABILIZED SUBGRADE SHALL BE SUSPENDED WHEN THE FILL DEPTH IS GREATER THAN THREE FEET. FOR DETAILED STATION RANGES, SEE PAVEMENT CALCULATIONS.

TYPICAL SECTIONS LEGEND

(1) ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (447)
(2) ITEM 442 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(3) ITEM 302 - 11 1/2" ASPHALT CONCRETE BASE, PG64-22, (449) (PLACED IN LIFTS OF 6", 5.5")
(4) ITEM 304 - 6" AGGREGATE BASE
(5) ITEM 407 - NON-TRACKING TACK COAT (0.05 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND
(9) ITEM 304 - 4" AGGREGATE BASE
(10) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
(11) ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C
(12) ITEM 659 - SEEDING AND MULCHING
(13) ITEM 411 - 8" STABILIZED CRUSHED AGGREGATE
(14) ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
(15) ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (PLACED IN 2 - 5" LIFTS)
(16) ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
(17) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
(18) ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
(19) ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
(20) ITEM 609 - CURB, TYPE 6
(21) ITEM 609 - CURB, TYPE 2-A
(22) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
(23) ITEM 611 - SLOTTED DRAIN, TYPE 2, 15"
(24) ITEM 608 - 4" CONCRETE WALK
(25) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
(26) ITEM 605 - 6" BASE PIPE UNDERDRAINS
(27) ITEM 606 - GUARDRAIL, TYPE MGS
(28) ITEM 606 - SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION
(29) ITEM 411 - 3" STABILIZED CRUSHED AGGREGATE
(30) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=17")
(31) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(32) ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
(33) ITEM 607 - FENCE, MISC: WOOD FENCE
(34) ITEM 605 - AGGREGATE DRAINS
(35) ITEM 609 - CURB, TYPE 3, APP
(36) ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
(37) ITEM 204 - PROOF ROLLING
(38) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22
(CJ) CONSTRUCTION JOINT, CONSTRUCTED AS PER AS-2-15
(LJ) LONGITUDINAL JOINT, CONSTRUCTED PER BP-2.1
(**) SAW CUT AS PER ITEM 252.05 ITEM 407 TACK COAT TO BE APPLIED TO THE FACE OF TRENCH @ 0.025 GAL/SY

(A) EXIST 15"± ASPHALT CONCRETE
(B) EXIST 6"± AGGREGATE
(C) EXIST 13"± ASPHALT CONCRETE
(D) EXIST 6"± AGGREGATE
(E) EXIST 12"± ASPHALT CONCRETE
(F) EXIST 8"± AGGREGATE
(G) EXIST CURB
(H) EXIST CURB AND GUTTER
(I) EXIST 4" CONCRETE SIDEWALK
(J) EXIST 9.25"± ASPHALT CONCRETE
(K) EXIST 3"± ASPHALT CONCRETE
(L) EXIST 9"± REIN PORTLAND CONCRETE

PROPOSED TYPICAL SECTIONS - BLACKLICK TRAIL

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0090 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Blacklick Trail PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:43:41 PM USER: bnieder
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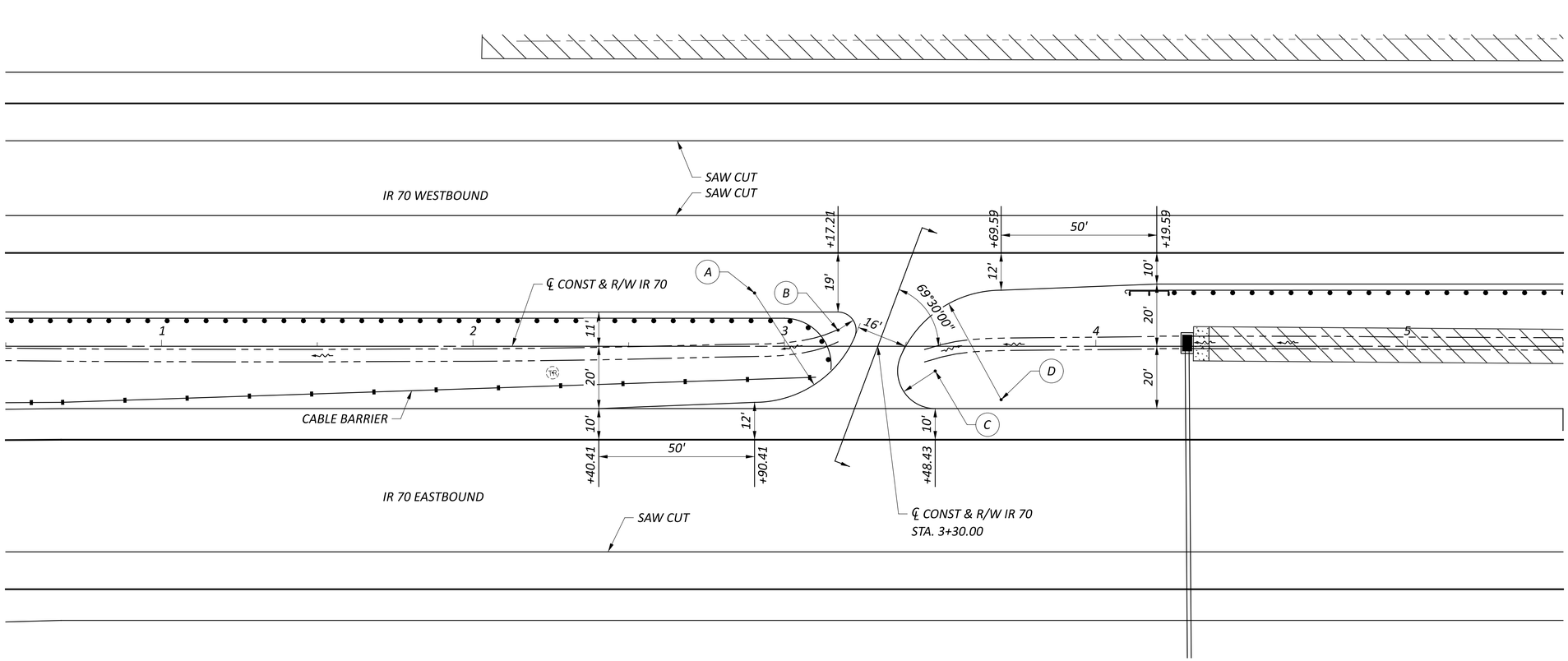
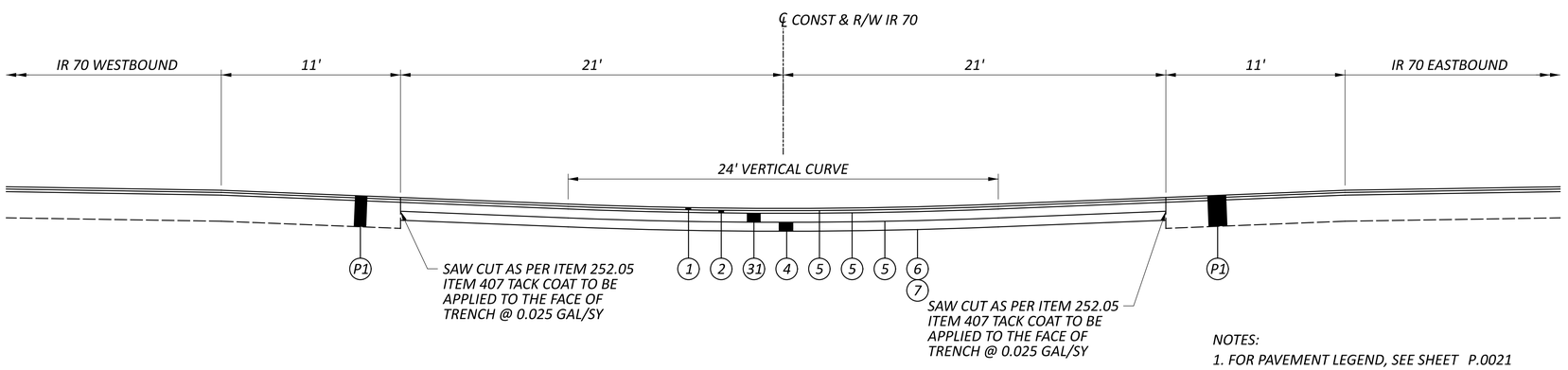


MEDIAN WIDTH = 31' & 40'			
LOCATION	STATION	OFFSET	RADIUS
A	2+90.41	17.14' LT	35.14'
B	3+17.21	5.20' LT	5.80'
C	3+48.43	7.94' RT	12.06'
D	3+69.59	17.14' RT	35.14'



NOTES:
1. FOR PAVEMENT LEGEND, SEE SHEET P.0021

HORIZONTAL SCALE IN FEET
0 10 20 40

MEDIAN U-TURN DETAIL
STA. 3+30.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0091 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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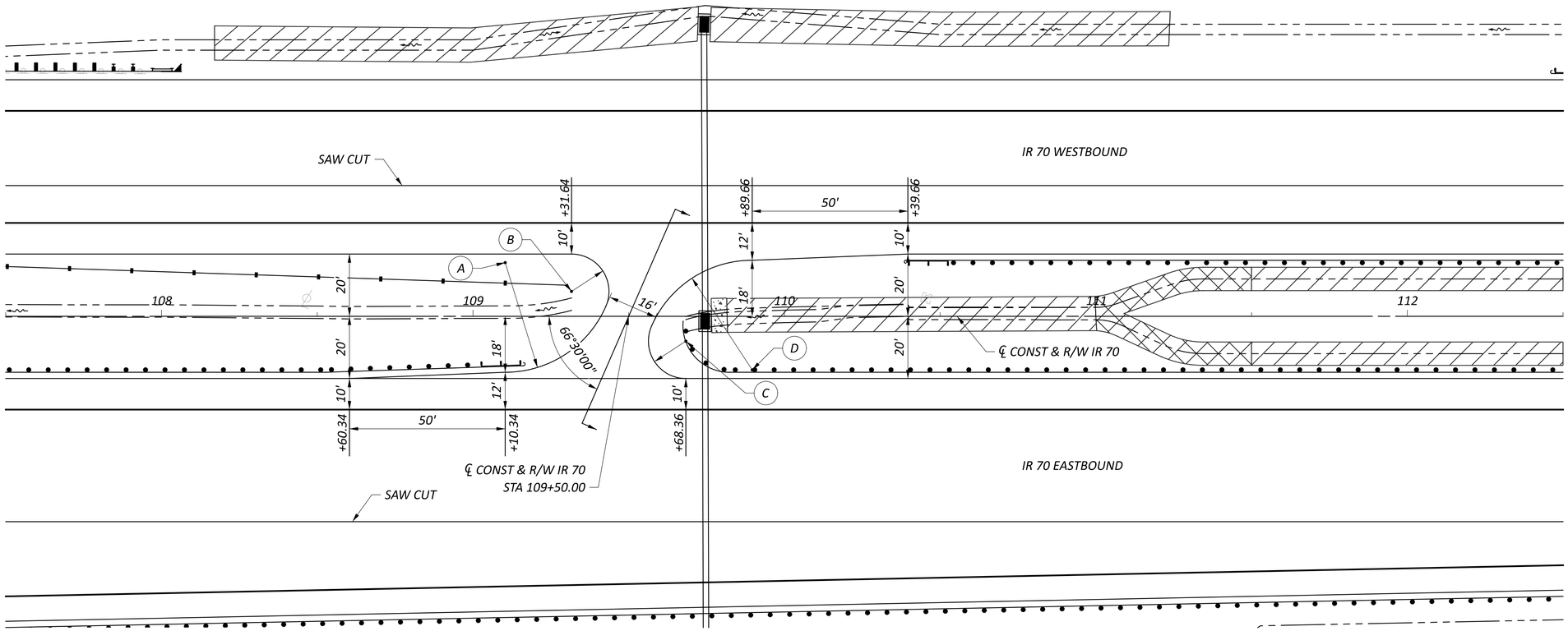
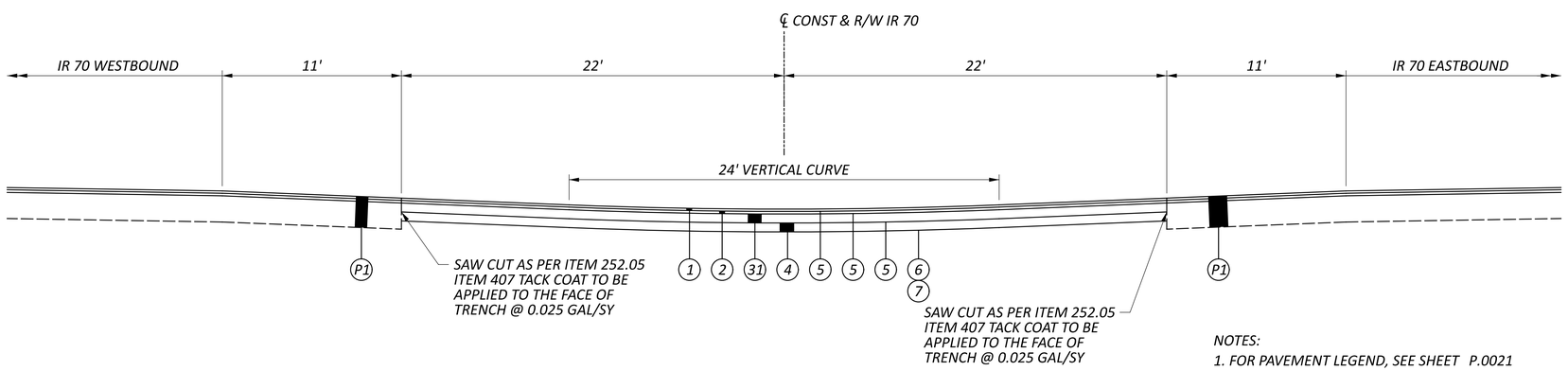


MEDIAN WIDTH = 40'			
LOCATION	STATION	OFFSET	RADIUS
A	109+10.34	17.24' LT	35.24'
B	109+31.64	7.98' LT	12.02'
C	109+68.36	7.98' RT	12.02'
D	109+89.66	17.24' RT	35.24'



NOTES:
1. FOR PAVEMENT LEGEND, SEE SHEET P.0021

HORIZONTAL SCALE IN FEET
0 10 20 40

MEDIAN U-TURN DETAIL
STA. 109+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0092 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:44:11 PM USER: brieder
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ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ACD.NET
1800 N GRAND RIVER AVE
LANSING, MI 48906
ATTN: NOVINA MARSELINE
517-999-9999
MARSELINE.NOVIANA@ACD.NET

AEP (DISTRIBUTION)
38831 STATE ROUTE 7
REEDSVILLE, OHIO 45772
ATTN: CLARK sAUNDERS
740-985-3054
CMSAUNDERS@AEP.COM

AEP SOLUTION CENTER (SERVICES AND STREET LIGHTING)
1-800-277-2177

AT&T OHIO
111 N FORTH ST
COLUMBUS, OH 43215
ATTN: KEVIN GLASSER
614-208-9312
KG1963@ATT.COM

BREEZELINE/WOW
3765 CORPORATE DR
COLUMBUS, OH 43231
614-948-4636
COLFR@WOWINC.COM

BRIGHTSPEED (FORMERLY LUMEN)
2025 AKRON RD
WOOSTER, OH 44691
ATTN: ANTHONY WILLIAMS
ANTHONY.WILLIAMS1@BRIGHTSPEED.COM
RELOCATIONS@BRIGHTSPEED.COM

CITY OF COLUMBUS SANITARY SEWER
1250 FAIRWOOD AVE
COLUMBUS, OH 43206
ATTN: ROB PRIESTAS
614-645-7175
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS WATER
910 DUBLIN RD
COLUMBUS, OH 43215
ATTN: JOHN NEWSOME
614-645-7020
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS PICKERINGTON
PUBLIC SERVICE DEPARTMENT
100 LOCKVILLE RD
PICKERINGTON, OH 43147
614-641-2444

CITY OF COLUMBUS REYNOLDSBURG WATER/WASTEWATER
7232 E MAIN ST
REYNOLDSBURG, OH 43068
SHAWN REGAN
614-322-6840
SREGAN@REYNOLDSBURG.GOV

COLUMBIA GAS OF OHIO
3550 JOHNNY APPLESEED CT
COLUMBUS, OH 43231
ATTN: TARA NEMCIK
614-813-1402
TNEMCIK@NISOURCE.COM

TRANSCANADA (COLUMBIA GAS TRANSMISSION)
CROSSINGS & ENCROACHMENT APPLICATIONS
700 LOUISIANA ST
SUITE 700
HUSTON, TX 77002
ATTN: 800-562-8931
US_CROSSINGS@TCENERGY.COM
US_CROSSINGS@TRANSCANADA.COM

EVERSTREAM
240 N 5TH ST #168
COLUMBUS, OH 43215
ATTN: KANN KHAY
614-354-7666
KKHAY@EVERSTREAM.NET

FAIRFIELD COUNTY UTILITIES
6670 LOCKVILLE RD
CARROLL, OH 43112
ATTN: TONY J. VOGEL
614-322-5200
740-652-7120
TONY.VOGEL@FAIRFIELDCOUNTYOHIO.GOV

KNOX ENERGY COOP (NOBLE CTY)
UTILITY PIPELINE LTD
ATTN: CHRIS WILKIN
330-498-9130 EXT 376
CWILKIN@UTILITYPIPELINELTD.COM

LUMEN (LEVEL 3)
RELOCATIONS@LUMEN.COM

VERIZON/MCI METRO
7575 COMMERCE CT
LEWIS CENTER, OH 43035
ATTN: BOB DERN
614-381-8852
VZ.NET.COLUMBUS@VERIZON.COM

ODOT DISTRICT 5 TRAFFIC
TRAFFIC OPERATIONS ENGINEER
9600 JACKSONTOWN RD
JACKSONTOWN, OH 43030
ATTN: BRIAN BOSCH
740-323-5182
740-616-6340
BRIAN.BOSCH@DOT.OHIO.GOV

ODOT DISTRICT 6 LIGHTING
TRAFFIC OPERATIONS ENGINEER
400 E WILLIAMS ST
DELAWARE, OH 43015
ATTN: DAVID CARLIN
740-833-8198
740-815-6015
DAVID.CARLIN@DOT.OHIO.GOV

ODOT ITS LAB
1606 WEST BROAD STREET
COLUMBUS, OH 43223
614-387-4113
CEN.ITS.LAB@DOT.OHIO.GOV

SOUTH CENTRAL POWER
720 MILL PARK DR
LANCASTER, OH 43130
ATTN: SCOTT FLOWERS
740-689-6233
FLOWERS@SOUTHCENTRALPOWER.COM

LICKING REGIONAL WATER DISTRICT
8675 YORK ROAD SW
PATASKALA, OH 43062
ATTN: CHRISTOPHER GILCHER
740-928-2178
CGILCHER@LICKINGREGIONALWATER.GOV

UTILITY PIPELINE LTD
4100 HOLIDAY ST NW SUITE 201
CANTON, OH 44718
ATTN: KYLE UNERWOOD
330-498-9130 EXT 310
KUNDERWOOD@UTILITYPIPELINELTD.COM

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9 PM AND 7 AM IN AREAS WITH A HIGH CONCENTRATION OF RESIDENTIAL PROPERTIES WITHOUT PRIOR NOTIFICATION TO THE PROJECT ENGINEER. THE AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED AND PROVIDED A TIME FRAME FOR THE LENGTH OF THIS DISRUPTION. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.0020 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD:	INS GNSS SURVEY
MONUMENT TYPE:	TYPE A / TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM:	NAVD88
GEOID:	GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME:	NAD83(2011)
ELLIPSOID:	GRS80
MAP PROJECTION:	LAMBERT CONFORMAL CONIC 2 STANDARD PARALLEL
COORDINATE SYSTEM:	OHIO (SOUTH)
COMBINED SCALE FACTOR:	0.99994265
ORIGIN OF COORDINATE SYSTEM:	(0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0093 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:02:50 PM USER: brteder
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PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRICT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN WITHIN THE PLANS.

ITEM 204, PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING XX HOUR

FENCE LENGTHS

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

SETTLEMENT REQUIREMENTS

THE PLANNED CONSTRUCTION OF TAYLOR ROAD WILL REQUIRE APPROXIMATLEY 25 FEET OF NEW EMBANKMENT FILL AT THE PROPOSED BRIDGE SITE. BASED ON OUR ANALYSIS, THE GROUND SURFACE IS ESTIMATED TO EXPERIENCE APPROXIMATELY 3.12 INCHES OF IMMEDIATE SETTLEMENT AND 3.96 INCHES OF LONG-TERM (CONSOLIDATION) SETTLEMENT FROM THE INDUCED LOADS FROM THE 25-FT HIGH EMBANKMENT. IMMEDIATE SETTLEMENT IS EXPECTED TO TAKE PLACE DURING CONSTRUCTION, PRIOR TO BRIDGE LOADING, AND IS NOT ANTICIPATED TO PRESENT A CONCERN. THE TIME REQUIRED TO ACHIEVE 90% CONSOLIDATION AT THE SITE IS ESTIMATED TO BE APPROXIMATELY 40 DAYS, FOLLOWING COMPLETION OF EMBANKMENT CONSTRUCTION.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235

CONTINGENCY QUANTITIES

PLANS HAVE INCLUDED THE FOLLOWING QUANTITIES FOR THE PROJECT USE AS DIRECTED BY THE PROJECT ENGINEER.

ITEM 204 EXCAVATION OF SUBGRADE	1000 CY
ITEM 204 GRANULAR MATERIAL, TYPE B	1000 CY
ITEM 204 GEOTEXTILE FABRIC	3000 SY

ITEM 206 - CEMENT STABILIZED SUBGRADE

THE CEMENT STABILIZED SUBGRADE IS REQUIRED AS PART OF THE STRUCTURAL DESIGN OF THE PAVEMENT. ANY CHANGES TO THE STABILIZATION MAY REQUIRE ADDITIONAL PAVEMENT THICKNESS. CONTACT THE OFFICE OF PAVEMENT ENGINEERING PRIOR TO ANY NON-PERFORMANCE OR CHANGES TO THE CEMENT STABILIZED SUBGRADE.

CONTRACTION AND/OR EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN CONTRACTION AND EXPANSION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. IN ALL CASES, THE PROVISIONS OF EXPANSION JOINTS AT ALL MAJOR STRUCTURE INCLUDING THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS IN IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING BP-2.2 AND THE SPECIFICATIONS.

MEDIAN AND/OR CURBING ON APPROACH SLABS

WITHIN THE LIMITS OF THE APPROACH SLAB, TRANSITION THE SHAPE OF THE MEDIAN AND/OR CURBING ON APPROACH SLABS FROM THE STANDARD SECTION ON THE APPROACHES TO THE SECTION USED ON THE BRIDGE.

ITEM 204, SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

1. SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.

2. EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).

   IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.

3. COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.

4. APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

   PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.

5. EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.

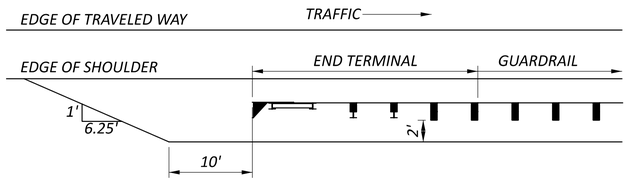
6. PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.

7. FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

GRADING FOR MGS TYPE E ANCHOR ASSEMBLY

THE GRADING LAYOUT SHOWN HERE SHALL BE USED WITH ITEM 606 ANCHOR ASSEMBLY, MGS TYPE E, AS DETAILED IN THIS PLAN.



ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT ANDMATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALLRELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0094 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:02:53 PM USER: brteder
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ITEM 606 - CABLE GUARDRAIL

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE HIGH TENSION FOUR CABLE GUARDRAIL SYSTEMS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION, AND ITEM 606 CABLE BARRIER, ANCHOR ASSEMBLY AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL HIGH TENSION CABLE GUARDRAIL SYSTEM NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. THE LENGTH OF THE TENSIONED CABLE NECESSARY TO INSTALL A FUNCTIONAL ANCHOR SYSTEM SHALL BE INCLUDED IN ITEM 606, CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

SYSTEMS SHALL HAVE A MAXIMUM DEFLECTION OF 8 FEET AND THE MAXIMUM LONGITUDINAL DISTANCE BETWEEN POSTS SHALL BE 15 FEET.

INSTALLATION WILL BE A FOUR CABLE HIGH TENSION SYSTEM INSTALLED IN SOCKETED POSTS FOUNDATION WITH A FOUR FOOT WIDE "NO MOW STRIP".

DELINEATE THE CABLE BARRIER USING TYPE 6 BARRIER REFLECTORS PER ITEM 626 OR USING FLEXIBLE POSTS PER ITEM 620 AS CALLED FOR IN THE PLANS OR DIRECTED BY THE ENGINEER.

ANCHOR TERMINAL STRUTS SHALL BE COVERED COMPLETELY ON BOTH SIDES WITH YELLOW TYPE J, ASTM D 4956 TYPE XI REFLECTIVE SHEETING, PER CMS 730.193.

TRANSITIONS TO W-BEAM GUARDRAIL ARE NOT ALLOWED.

REFER TO MANUFACTURER FOR MAXIMUM OFFSET FROM BREAK POINT.

TORPEDO OR BULLET SPLICES ARE NOT ALLOWED. ALL CABLE SPLICES SHALL BE A SWAGED OR OPEN BODY DESIGN THAT ALLOWS FOR ANNUAL INSPECTION BETWEEN THE WEDGE AND STRANDS OF CABLE.

POSTS ARE SET IN SOCKETED CONCRETE FOUNDATIONS AND SHALL NOT BE PERMANENTLY INSTALLED UNTIL THEIR RESPECTIVE RUNS OF TENSIONED CABLE GUARDRAIL ARE READY FOR FINAL CONNECTION TO THE END TERMINAL ASSEMBLY. THE CONTRACTOR SHALL REPLACE ANY POSTS DAMAGED DURING INSTALLATION AS DETERMINED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE TYPE 2 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE (REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS). WHEN BI-DIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 2 [(SPEED (IN MPH), HAZARD WIDTH (IN INCHES)), (UNIDIRECTIONAL OR BIDIRECTIONAL)], EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS/BACKSTOPS, TRANSITIONS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

ITEM SPECIAL - MAILBOX SUPPORT

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

ITEM 618 RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)

THE FOLLOWING QUANTITY IS PROVIDED TO INSTALL RUMBLE STRIPS ON THE INSIDE AND OUTSIDE SHOULDERS OF THE WESTBOUND AND EASTBOUND LANES OF IR 70, AND ALONG RAMP H AND RAMP K, AS PER STANDARD CONSTRUCTION DRAWING BP-9.1.

ITEM 618 RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) 18.73 MILE QUANTITY CARRIED TO THE GENERAL SUMMARY

CALCULATIONS:

IR 70 WESTBOUND:
619+00.00 - 641+07.44 = 2,207.44' (INSIDE)
0+00.00 - 43+92.00 = 4,392.00' (INSIDE)
45+91.00 - 62+71.00 = 1,680.00' (INSIDE)
64+76.00 - 163+97.00 = 9,921.00' (INSIDE)
165+65.00 - 186+00.00 = 2,035.00' (INSIDE)
619+00.00 - 641+07.44 = 2,207.44' (OUTSIDE)
0+00.00 - 43+92.00 = 4,392.00' (OUTSIDE)
45+91.00 - 55+32.00 = 941.00' (OUTSIDE)
55+32.00 - 72+50.00 = 1,718.00' (OUTSIDE)
72+50.00 - 125+82.00 = 5,332.00' (OUTSIDE)
125+82.00 - 163+60.00 = 3,775.00' (OUTSIDE)
165+28.00 - 186+00.00 = 2,072.00' (OUTSIDE)

TOTAL = 40,672.88 FT / 5280 = 7.71 MILE

IR 70 EASTBOUND
619+00.00 - 641+07.44 = 2,207.44' (INSIDE)
0+00.00 - 43+92.00 = 4,392.00' (INSIDE)
45+90.00 - 62+59.00 = 1,669.00' (INSIDE)
64+64.00 - 164+60.00 = 9,996.00' (INSIDE)
166+27.00 - 186+00.00 = 1,973.00' (INSIDE)
619+00.00 - 641+07.44 = 2,207.44' (OUTSIDE)
0+00.00 - 43+00.00 = 4,300.00' (OUTSIDE)
43+00.00 - 43+92.00 = 92.00' (OUTSIDE)
45+90.00 - 103+50.00 = 5,760.00' (OUTSIDE)
102+50.00 - 121+45.00 = 1,895.00' (OUTSIDE)
121+45.00 - 164+97.00 = 4,352.00' (OUTSIDE)
166+65.00 - 186+00.00 = 1,935.00' (OUTSIDE)

TOTAL = 40,778.88 FT / 5280 = 7.73 MILE

RAMP H
72+50.00 - 103+00.00 = 3,050.00' (INSIDE)
72+50.00 - 73+93.00 = 143.00' (OUTSIDE)
73+93.00 - 103+00.00 = 2,907.00' (OUTSIDE)

TOTAL = 6,100.00 FT / 5280 = 1.16 MILE

RAMP K
43+00.00 - 43+92.00 = 92.00' (INSIDE)
45+91.00 - 62+52.00 = 1,661.00' (INSIDE)
64+57.00 - 103+55.00 = 3,898.00' (INSIDE)
43+00.00 - 43+92.00 = 92.00' (OUTSIDE)
45+91.00 - 54+68.00 = 877.00' (OUTSIDE)
54+68.00 - 62+47.00 = 779.00' (OUTSIDE)
64+51.00 - 65+86.00 = 135.00' (OUTSIDE)
65+86.00 - 76+48.00 = 1,062.00' (OUTSIDE)
76+48.00 - 101+12.00 = 2,464.00' (OUTSIDE)
101+12.00 - 102+55.00 = 143.00' (OUTSIDE)

TOTAL = 11,203.00 FT / 5280 = 2.13 MILE

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST	*XX EACH*
659, TOPSOIL	*XX CU. YD.*
659, SEEDING AND MULCHING	*XX SQ. YD.*
659, REPAIR SEEDING AND MULCHING	*XX SQ. YD.*
659, INTER-SEEDING	*XX SQ. YD.*
659, COMMERCIAL FERTILIZER	*XX TON*
659, LIME	*XX ACRES*
659, WATER	*XX M. GAL.*

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWER INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGES IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0095 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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ORDERING OF A PROPOSED INLET, CATCH BASIN OR MANHOLE THAT TIES INTO AN EXISTING CONDUIT

AT LOCATIONS WHERE A PROPOSED INLET, CATCH BASIN, OR MANHOLE IS TO JOIN TO AN EXISTING CONDUIT, THE FLOW LINE ELEVATION OF THE EXISTING CONDUIT SHALL BE VERIFIED BEFORE ORDERING THE PROPOSED INLET, CATCH BASIN OR MANHOLE. THIS IS TO ENSURE THE INVERT OF THE PROPOSED STRUCTURE WILL MATCH UP WITH THE EXISTING CONDUIT.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.
THE QUANTITIES HAVE BEEN INCLUDED IN THE DRAINAGE SUBSUMMARY FOR THE WORK NOTED ABOVE.

ITEM SPECIAL PIPE CLEANOUT

THIS WORK SHALL CONSIST OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS TO BE EXTENDED. ALL MATERIAL REMOVED SHALL BE DISPOSED OF AS PER 105.16 AND 105.17. ALL SEWERS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

CLEANOUT OUT OF THE PIPE SHALL BE PAID FOR AT THE UNIT BID PRICE FOR ITEM SPECIAL-PIPE CLEANOUT. THIS PRICE SHALL INCLUDE THE COST OF MATERIAL, EQUIPMENT, LABOR AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

ITEM 611 CONDUIT BORED OR JACKED

WHERE IT IS SPECIFIED THAT A CONDUIT BE INSTALLED BY THE METHOD OF BORING OR JACKING, NO TRENCH EXCAVATION SHALL BE CLOSER THAN 30 FEET TO THE EDGE OF PAVEMENT. PROVIDE A 0.50 INCH UNGALVANIZED CASING PIPE CONFORMING TO 748.06 THAT HAS JOINTS WITH A CIRCUMFERENCIAL FULLY PENETRATING B-U4B WELD THAT IS PREFORMED BY AN ODOT APPROVED FIELD WELDER. THE INSTALLED CASING PIPE IS THE STORM CONVEYANCE CARRIER UNLESS OTHERWISE SPECIFIED IN THE PLANS. HYDROSTATIC TESTING IS NOT REQUIRED FOR THE CASING PIPE.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

EXTENDED DETENTION BASIN

THIS PLAN UTILIZES EXTENDED DETENTION BASIN(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. DETENTION BASINS MAY BE USED AS SEDIMENT CONTROL DEVICES DURING CONSTRUCTION. FOLLOWING STABILIZATION OF THE TRIBUTARY AREA, CONFIRM THE FINAL GRADING OF THE DETENTION BASIN MATCHES THE PLANS. REMOVE THE DETENTION BASIN OUTLET STRUCTURE FOR CONSTRUCTION SEDIMENT CONTROL AND CONFIRM THE OUTLET STRUCTURE MATCHES THE DESIGN SHOWN IN THE PLANS.

ITEM SPECIAL FILL AND PLUG EXISTING CONDUIT

THIS ITEM CONSISTS OF THE CONSTRUCTION OF BULKHEADS IN AN EXISTING 12 INCH AND 15 INCH DIAMETER CONDUIT AND FILLING THE AREA SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

LOCATE THE BULKHEADS AT THE LIMITS OF THE AREA TO BE FILLED, AS INDICATED ON THE PLANS. THE BULKHEADS CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

PUMP THE FILL MATERIAL INTO PLACE OR BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CONDUIT, FOR ITS ENTIRE LENGTH IS FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR IS THE ACTUAL NUMBER OF FEET (MEASURED ALONG THE CENTERLINE OF EACH CONDUIT FROM OUTER FACE TO OUTER FACE OF BULKHEADS) FILLED AND PLUGGED AS DESCRIBED ABOVE.

IN LIEU OF FILLING AND PLUGGING THE EXISTING CONDUIT, THE PIPE MAY BE CRUSHED AND BACKFILLED PER 203, OR IT MAY BE REMOVED. THE LENGTH, MEASURED AS PROVIDED ABOVE, WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

ITEM 611 48" MANHOLE NO. 3, AS PER PLAN

CONSTRUCT THE 48-INCH DIAMETER MANHOLE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MH-3, EXCEPT PROVIDE A GRATED FRAME AND GRATE IN LIEU OF THE STANDARD MANHOLE FRAME AND SOLID COVER.

SET THE FRAME AND GRATE TO THE FINISHED GROUND ELEVATION SHOWN IN THE PLANS. ENSURE THE GRATE SEATS FIRMLY IN THE FRAME WITHOUT ROCKING.

THE CONTRACT UNIT PRICE FOR ITEM 611, 48" MANHOLE NO. 3, AS PER PLAN, SHALL INCLUDE THE MANHOLE, GRATED FRAME AND GRATE, EXCAVATION, BEDDING, BACKFILL, PIPE CONNECTIONS, MORTAR, LABOR, EQUIPMENT, AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK.

ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DEPARTMENT:

THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA FOR THE SPECIFIED COMPLETED CONSTRUCTION ITEMS IN OHIO STATE PLANE COORDINATES (GRID). THE CONSTRUCTION ITEMS SHALL BE LOCATED AS PER THE SURVEY FEATURE CODE LIST FOUND ON THE OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF CADD MAPPING SERVICES WEBSITE. A CD CONTAINING A COMMA DELIMITED ASCII FILE AND A SURVEYOR'S CERTIFICATION SHALL BE DELIVERED TO THE PROJECT ENGINEER AFTER ALL INFORMATION HAS BEEN COLLECTED. THE ASCII FILE SHALL INCLUDE A HEADER CONTAINING THE NAME OF THE SURVEYOR, DATE(S), OF COLLECTION, HORIZONTAL DATUM (I.E. NAD83 (2011), OHIO STATE PLANE COORDINATE SYSTEM NORTH OR SOUTH), VERTICAL DATUM (I.E. NADV 88, GEOID12A) AND METHOD OF COLLECTION (I.E. OHIO VRS, GPS RTK, TOTAL STATION, ETC) AND BE IN A TABLE FORM AS FOLLOWS:

POINT NUMBER, NORTHING, EASTING, ELEVATION, FEATURE CODE, DESCRIPTION

BELOW IS A LIST OF ITEMS THE CONTRACTOR IS REQUIRED TO PROVIDE:
- *RIGHT-OF-WAY FENCE (POINTS AT ALL CHANGES IN DIRECTION)*
- *LIGHT POLES AND PULL BOXES*
- *BARRIER (GUARDRAIL, CONCRETE, OR CABLE)*
- *BMP'S (SEE PROJECT SITE PLAN FOR INFO)*
- *CULVERTS (INLET INVERT, OUTLET INVERT, TYPE, AND SIZE)*
- *STORM SEWER OUTLETS (OUTLET INVERT, TYPE, AND SIZE)*
- *CATCH BASINS, MANHOLES, AND INLETS*
- *UNDERDRAIN OUTLETS*
- *SIGNS (WITH DESCRIPTION)*
- *TRAFFIC SIGNAL POLES, CONTROLLER LOCATION AND SIGNAL PULL BOXES*

THE ABOVE ITEMS SHALL BE COLLECTED USING SURVEY GRADE EQUIPMENT MEETING THE REQUIREMENTS OF SECTION 400 IN THE OHIO DEPARTMENT OF TRANSPORTATION SURVEY & MAPPING SPECIFICATIONS MANUAL.

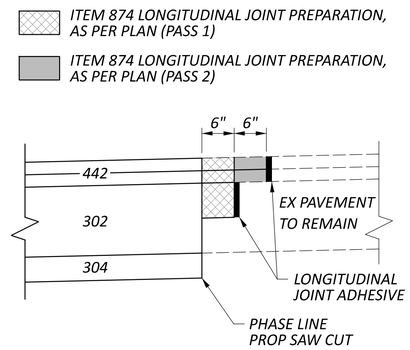
ALL COSTS ASSOCIATED WITH OBTAINING THE INFORMATION ABOVE INCLUDING THE COST OF THE CD SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

IN ADDITION TO THE ABOVE REQUIREMENTS, SOME PROJECT CONTROL WILL BE DESTROYED OR WILL NEED SUPPLEMENTED DURING DIFFERENT PHASES OF CONSTRUCTION. ADDITIONAL MONUMENTS SHALL BE ESTABLISHED IN KIND TO PRIMARY PROJECT CONTROL. A MONUMENT VERIFICATION REPORT SHALL BE COMPILED AT A MINIMUM ANNUALLY THROUGHOUT THE DURATION OF THE PROJECT. THIS REPORT IS DUE TO THE SURVEY DEPARTMENT OF ODOT'S DISTRICT 5 ON OR BEFORE NOVEMBER 1 EACH YEAR OF ONGOING CONSTRUCTION. THIS REPORT SHALL CONTAIN UNIQUE POINT NUMBERS, APPLICABLE COORDINATES, MONUMENT TYPE, AND CURRENT CONDITION. MONUMENT TYPE AND SPACING SHALL BE SIMILAR TO ORIGINAL PRIMARY PROJECT CONTROL.

ALL MATERIALS, AND EQUIPMENT RELATED TO MAINTAINING USABLE CONTROL POINTS AND ASSOCIATED REPORTS SHALL BE INCLUDED IN THE ITEM 623 CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.
(FOR SURVEY PARAMETERS NOTE, SEE SHEET P.0093)

ITEM 874 LONGITUDINAL JOINT PREPARATION, AS PER PLAN (PASS 1)
ITEM 874 LONGITUDINAL JOINT PREPARATION, AS PER PLAN (PASS 2)

THIS WORK SHALL CONSIST OF CREATING LAPPED PAVEMENT LAYERS ALONG IR 70 AT THE PHASE CONSTRUCTION JOINT AS PER THE "LONGITUDINAL JOINT PREPARATION METHOD 1" DETAIL IN SCD BP-3.1. EXCEPT AS MODIFIED BELOW:



SEQUENCE:
1. *SAWCUT AND REMOVE EXISTING PAVEMENT AS PER PLAN.*
2. *CONSTRUCT THE PROPOSED PAVEMENT BUILD-UP PER THE TYPICALS THROUGH THE FIRST COURSE OF ITEM 302.*
3. *TRIM 6" INTO EXISTING PAVEMENT (874 PASS 1 - MAX DEPTH 5.5").*
4. *CONSTRUCT THE SECOND COURSE OF ITEM 302.*
5. *TRIM 6" INTO EXISTING PAVEMENT (874 PASS 1 - MAX DEPTH 3").*
6. *PLACE 442 LAYERS.*

ROADWAY GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0096 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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ENVIROMENTAL COMMENTITMENT

1. *ODOT WILL ESTABLISH AND MARK LOCAL DETOUR ROUTES AND ACCOMMODATE ANY LOCAL SPECIAL EVENTS OR FESTIVALS, AND IF NECESSARY, COORDINATE WITH LOCAL AGENCIES TO DO SO. THE GENERAL PUBLIC, SCHOOLS, AND EMERGENCY OFFICIALS WILL BE INFORMED AND UPDATED ON THE PROJECT CONSTRUCTION DETAILS THROUGH THE USE OF PRESS RELEASES TO LOCAL MEDIA AND/OR SOCIAL MEDIA WELL IN ADVANCE OF THE DETOUR(S) AND OTHER CONSTRUCTION RELATED ACTIVITIES THAT WOULD CAUSE INCONVENIENCE TO THE TRAVELING PUBLIC.*

2. *ACCESS TO ADJACENT PROPERTIES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.*

3. *THE PROJECT DESIGNER WILL DESIGN AND INCORPORATE PROJECT SPECIFIC NOISE WALL DESIGNS, INCLUDING THE RESULTS OF PUBLIC INVOLVEMENT, INTO THE PLANS IN ACCORDANCE WITH AND APPROVAL FROM ODOT'S OFFICE OF ENVIRONMENTAL SERVICES*

4. *ODOT WILL HAVE A CONFERENCE CALL WITH THE NOISE WALL DESIGNER PRIOR TO COMMENCING NOISE WALL CONSTRUCTION THE PROJECT DESIGNER WILL PROVIDE ALL STAGED NOISE WALL CONSTRUCTION PLANS TO THE OFFICE OF ENVIRONMENTAL SERVICES FOR REVIEW AND APPROVAL A MINIMUM OF 30 DAYS PRIOR TO FINALIZING EACH STAGED REVIEW PLAN SET.*

5. *ODOT WILL ENSURE THE NOISE WALL IS/WAS INSTALLED PER PLAN.*

6. *THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCATE CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.*

7. *DO NOT WORK BELOW THE ORDINARY HIGH WATER MARK OF BLACKLICK CREEK OR UNT 1, OR INSTALL, MODIFY, OR REMOVE ANY EXISTING INSTREAM FILLS DURING THE ODNR INSTREAM WORK RESTRICTION PERIOD OF APRIL 15-JUNE 30.*

8. *AQUATIC RESOURCES ADJACENT TO THE PROJECT WILL BE INDICATED ON THE PLANS, AND THE CONTRACTOR SHALL DEMARCATE ALL AQUATIC RESOURCES IN THE FIELD PER SS 832 AND THE WATERWAY PERMITS SPECIAL PROVISIONS. AREAS MARKED FOR AVOIDANCE WILL NOT BE IMPACTED. IN RIPARIAN AREAS, ONLY THE MINIMUM AMOUNT OF VEGETATED BUFFER NECESSARY FOR WORK WILL BE REMOVED. TEMPORARY AND PERMANENT FILL MATERIALS WILL CONSIST OF SUITABLE MATERIALS (EXCLUDING BROKEN ASPHALT) FREE FROM TOXIC CONTAMINANTS IN OTHER THAN TRACE QUANTITIES. CHROMATED COPPER ARSENATE AND OTHER PRESSURE TREATED LUMBER SHALL NOT BE USED IN STRUCTURES PLACED WITHIN AQUATIC RESOURCES. AN OIL SPILL KIT SHALL BE LOCATED WITHIN 150 FEET ON ANY EQUIPMENT WORKING IN AN AQUATIC RESOURCE AND SHALL BE MAINTAINED FOR THE LIFE OF THE PROJECT.*

9. *ACCESS TO BLACKLICK WOODS METRO PARK SHALL NOT BE RESTRICTED.*

ENVIROMENTAL COMMENTITMENT CONT.

10. *ACCESS TO BLACKLICK CREEK GREENWAY TRAIL BENEATH I-70 IS LIKELY TO BE RESTRICTED DURING THREE SEPARATE PHASES OF CONSTRUCTION BUT WILL NOT BE RESTRICTED FOR THE ENTIRE DURATION OF CONSTRUCTION. TWO OF THE PHASES WILL EACH LAST UP TO SIX MONTHS, WITH AN INTERIM PERIOD OF APPROXIMATELY SIX MONTHS IN BETWEEN, DURING WHICH BLACKLICK CREEK GREENWAY TRAIL WILL REMAIN OPEN. THE LAST PHASE OF CLOSURES WILL LAST NO LONGER THAN NINE MONTHS.*

11. *A DETOUR ROUTE HAS BEEN IDENTIFIED FOR THE CLOSURE OF BLACKLICK CREEK GREENWAY TRAIL BENEATH I-70. THE DETOUR WILL UTILIZE THE EXISTING SHARED USE PATH ON THE SOUTH SIDE OF LIVINGSTON AVENUE, THE PROPOSED SHARED USE PATH ON THE EAST SIDE OF BRICE ROAD BEING CONSTRUCTED BY ODOT DISTRICT 6 AS PART OF PID 98232 (2025), AND THE PROPOSED SHARED USE PATH ON THE SOUTH SIDE OF TUSSING ROAD BEING CONSTRUCTED BY THE CITY OF COLUMBUS AS PART OF THE SHARED USE PATH - TUSSING ROAD PROJECT (2026). THIS DETOUR ROUTE WILL INCREASE THE TOTAL TRAVEL DISTANCE BY 0.49 MILE COMPARED TO THE EXISTING ROUTE THROUGH THE PARK.*

12. *TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE EXISTING SECTION 4(F) AND SECTION 6(F) PROPERTIES AND THE PUBLIC.*

13. *APPROPRIATE SIGNAGE WILL BE INSTALLED TO ALERT USERS OF BLACKLICK CREEK GREENWAY TRAIL OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTIONS OR CLOSURES, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS.*

14. *THE TEMPORARY CONSTRUCTION ACCESS AREAS (STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT) SHALL OCCUR OUTSIDE THE BLACKLICK WOODS METRO PARK.*

15. *THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT AND THE COLUMBUS AND FRANKLIN COUNTY METRO PARKS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.*

16. *ODOT WILL OBTAIN ALL APPROPRIATE WATERWAY PERMIT(S) PRIOR TO ANY WORK WITHIN THE JURISDICTIONAL BOUNDARY OF ALL STREAMS OR WETLANDS, AND ALL APPLICABLE WATERWAY PERMIT(S) WILL BE INCLUDED IN THE PLANS AND ADHERED TO DURING CONSTRUCTION.*

17. *THE NECESSARY STREAM AND WETLAND MITIGATION WILL BE COMPLETED BY ODOT FOR THE PROJECT AND APPROPRIATE DOCUMENTATION WILL BE INCLUDED IN THE PROJECT FILE.*

18. *THE NOTICE OF INTENT (NOI) AND STORM WATER POLLUTION PREVENTION PLAN (SWPP) SHALL BE PREPARED BY THE CONTRACTOR FOR COVERAGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION (NPDES) STORM WATER GENERAL PERMIT AND SUBMITTED TO THE OHIO EPA FOR THEIR APPROVAL, PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS OF THE PERMIT.*

19. *THE PROJECT IS LOCATED WITHIN A FEMA FLOOD ZONE AND WILL BE DESIGNED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL FLOODPLAIN PROTECTION STANDARDS. APPROPRIATE FLOODPLAIN PERMITTING OR DOCUMENTATION OF EXEMPTION SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION BY ODOT.*

CONCRETE BARRIER DETAILS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0097 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN
ITEM 622 - CONCRET BARRIER END SECTION, TYPE D, AS PER PLAN
ITEM 622 - CONCRETE BARRIER END ANCHORAGE , REINFORCED, TYPE D, AS PER PLAN

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED IN THE BRIDGE PLANS. ALL AESTHETIC TREATMENT OF THERE SECTIONS OF BARRIER SHALL BE THE SAME AS THE APPROVED TREATMENTS FOR BRIDGE NO FAI-0204A-00.460 DETAILED IN THIS PLAN.

FOR DETAILS NOT SHOWN, CONSTRUCT THESE ITEMS ACCORDING TO ODOT SCD RM-4.5 AND RM-4.6 AND THE C&MS.

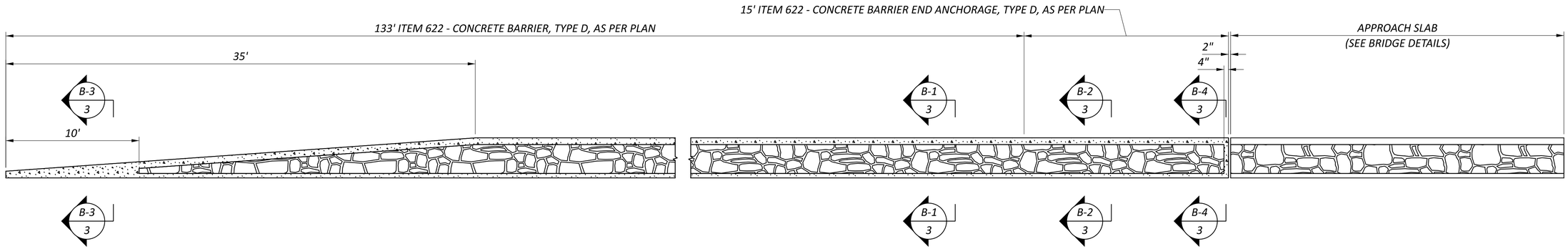
FOR AESTHETIC TREATMENT ITEM, INCIDENTALS, AND QUANTITIES, SEE THE BRIDGE PLANS.

ALL WORK INCLUDING THE RE-STEEL VARIATIONS FROM THE STANDARD BARRIER DETAILS REFERENCED AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR ITEMS 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN, 622 - CONCRET BARRIER END SECTION, TYPE D, AS PER PLAN, AND 622 - CONCRETE BARRIER END ANCHORAGE , REINFORCED, TYPE D, AS PER PLAN.

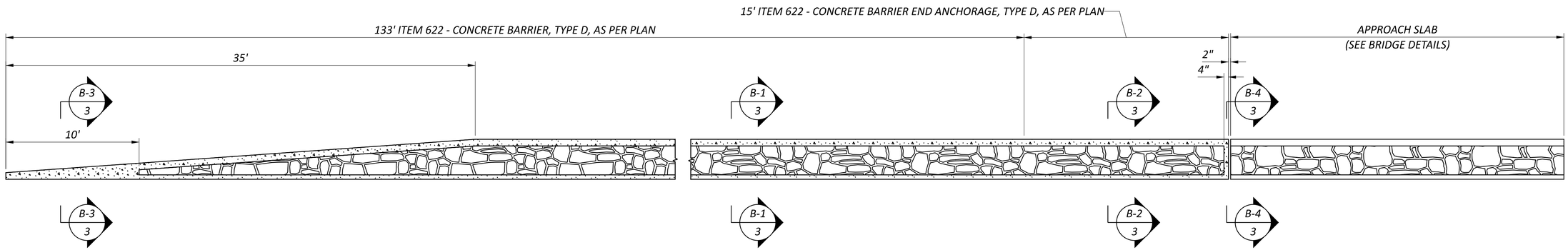
AESTHETIC PATTERN AS DESCRIBED IN BRIDGE PLANS

FLUSH CONCRETE SURFACE

NOTE:
ALL REINFORCING STEEL SHALL BE PROVIDED ACCORDING TO SCD'S RM-4.5 AND RM-4.6 AND THESE PLANS.



TAYLOR ROAD BARRIER AESTHIC LAYOUT (INSIDE FACE SOUTH OF BRIDGE)
(NOT TO SCALE)



TAYLOR ROAD BARRIER AESTHIC LAYOUT (OUTER FACE SOUTH OF BRIDGE)
(NOT TO SCALE)

NOTE:
FOR TYPICAL SECTIONS, SEE SHEET P.0099

CONCRETE BARRIER DETAILS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0098
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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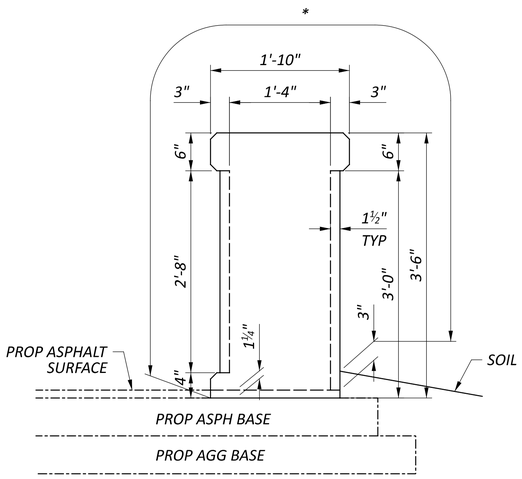
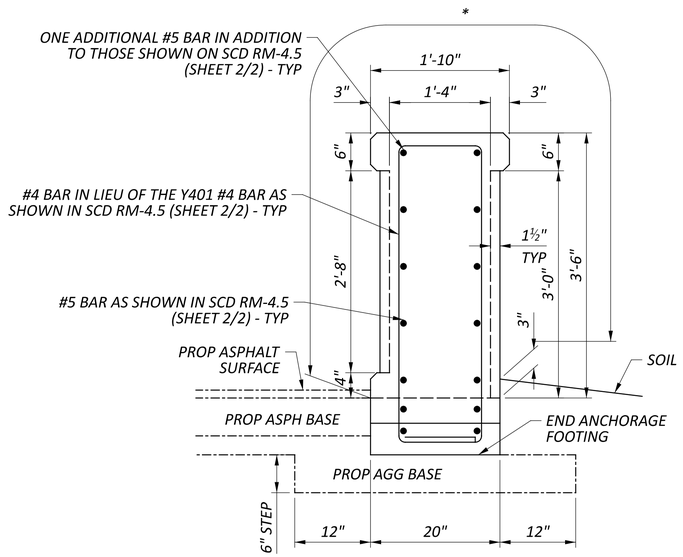
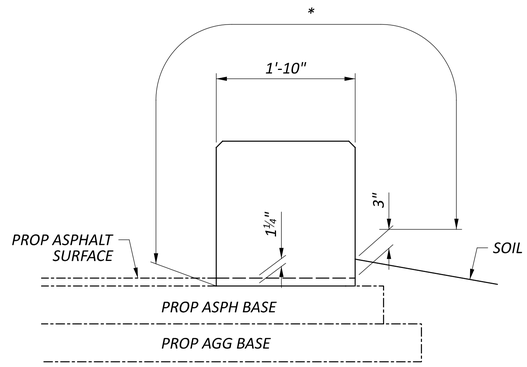


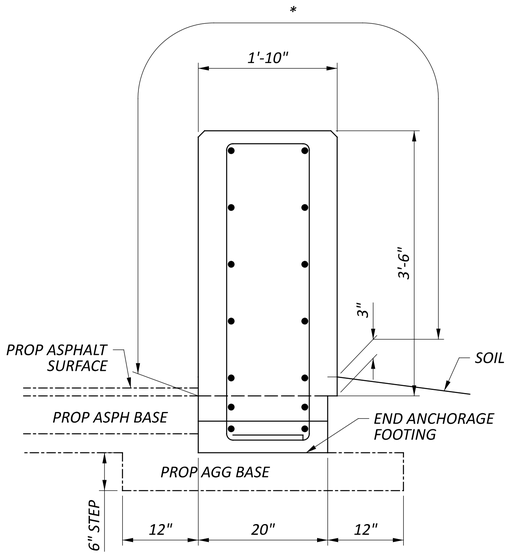
SECTION B-1 / 3



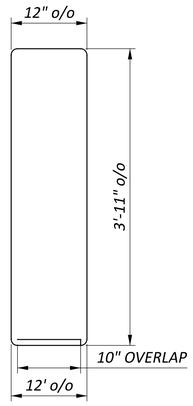
SECTION B-2 / 3



SECTION B-3 / 3



SECTION B-4 / 3



BENDING DIAGRAM

#4 BAR IN LIEU OF THE Y401 #4 BAR AS SHOWN IN SCD RM-4.5 (SHEET 2/2)

NOTES:
ALL REINFORCING STEEL SHALL BE GALVANIZED AND PROVIDED ACCORDING TO SCD'S RM-4.5 AND RM-4.6 AND THESE PLANS.

** - ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY) = CLEAR COATING*

CONCRETE BARRIER DETAILS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0099 TOTAL P.2024

ITEM 614 - MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

A MINIMUM OF 3 LANES OF TRAFFIC IN EACH DIRECTION ON IR-70 WEST OF SR 256 AND 2 LANES EAST OF SR 256 SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, ITEM 615 ROADS FOR MAINTAINING TRAFFIC, AND TEMPORARY SURFACES USING ITEMS 410, AND 614 UNLESS OTHERWISE NOTED.

A MINIMUM OF 2 LANES OF TRAFFIC IN EACH DIRECTION ON SR 256 SHALL BE MAINTAINED AT ALL TIMES. TAYLOR ROAD SHALL MAINTAIN A MINIMUM OF ONE LANE IN EACH DIRECTION DURING PHASES 3 AND 4. RAMP TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITH THE EXCEPTION OF THE NOTES ON THE FOLLOWING PAGES.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN, COVER AND REMOVE ALL SIGNS, SIGN SUPPORTS, BARRICADES, CONES, DRUMS, FLAGGERS, AND ANY INCIDENTALS AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR SHOWN ON THE PLANS.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS SHOWN ON THE PLANS DURING PERIODS IN ROADWAYS OR RAMPS ARE CLOSED TO TRAFFIC.

NOTICE OF CLOSURE SIGNS (W20-H14), SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMPS & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H14 SIGN LISTS THE APPLICABLE AGENCY NAME IN WHICH A MOTORIST MAY CONTACT FOR ADDITIONAL INFORMATION.

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED)
MEMORIAL DAY
FOURTH OF JULY (OBSERVED)
LABOR DAY
ELECTION DAY (NOV)
THANKSGIVING
CHRISTMAS (OBSERVED)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING)	5:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410,	TRAFFIC COMPACTED SURFACE, TYPE A OR B	XX CU. YD.
ITEM 410,	TRAFFIC COMPACTED SURFACE, TYPE C	XX CU. YD.
ITEM 614,	ASPHALT CONC. FOR MAINTAINING TRAFFIC	XX CU. YD.
ITEM 616,	WATER	XX M. GAL.

PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-9AM AND 3-7PM MON-FRI) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE. THIS REQUIREMENT SHALL ALSO APPLY TO THOSE ROUTES INCLUDED ON THE PERMITTED LANE CLOSURE CHART WHICH ARE NOT DETAILED IN THE PLAN SET.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS INCLUDING REMOVALS SHALL SHALL BE PER THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMPS & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONST-RUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THERE FROM. NO ALTERNATE PLANS SHALL BE PLACED IN EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE ODOT DISTRICT CONSTRUCTION ENGINEER.

DROPOFFS IN THE WORKZONE

THE OPTIONAL WEDGE TREATMENT AS DETAIL ON MT-101.90 WILL BE REQUIRED UNLESS PROTECTED AND SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC FOR SIDE ROAD, SHOULDER, TEMPORARY PAVEMENT, OR RAMP CONSTRUCTION.

CONSTRUCTION ACCESS POINTS

WITHING THE PROJECT WORK AREA, THE CONTRACTOR SHALL RECOMMEND WHERE THE ACCESS POINTS ARE TO BE LOCATED THROUGHTOUT THE PROJECT BASED ON SCD MT-103.10. ACCESS POINTS DESIGNATED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO SET UP AND TEAR DOWN THE APPROVED ACCESS LOCATION POINTS SHALL BE INCLUDED INTHE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTAINING DRAINAGE DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN DRAINAGE DURING CONSTRUCTION AT ALL TIMES. THIS SHALL BE ACHIEVED BY THE USE OF THE EXISTING DRAINAGE PIPES, DITCHES, CULVERTS, ETC. WHEN AT ALL POSSIBLE, AS WELL AS TEMPORARY AND PROPOSED DRAINAGE ITEMS.

GENERALLY, THE EXISTING DRAINAGE DEVICES SHALL REMAIN IN PLACE AND IN OPERATION UNTIL THE PROPOSED FEATURES ARE CONSTRUCTED AND OPERATIONAL. WHEN EXISTING DEVICES ARE NO LONGER NEEDED THEY SHALL BE REMOVED IF POSSIBLE OR PROPERLY PLUGGED AND FILLED. FOR MEDIAN STORM CROSSINGS, THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING TEMPORARY SHEETING OR BORING OR JACKING A PORTION OF THE PIPE UNDER THE ACTIVE LANES AT THE PHASE CUT LINES. BARRIER OR INLETS NOT BEING INSTALLED UNTIL A LATER PHASE MAY REQUIRE TYPE 2 12" SLOTTED DRAINS TO MAINTAIN DRAINAGE OR OUTLET NEWLY CONSTRUCTED INLETS. THE SLOTTED DRAINS SHALL OUTLET TO THE NEAREAST INLET/CATCH BASIN OR TO THE NEAREST DITCH. IF THE INLET IS CONSTRUCTED WITHOUT THE BARRIER, THE CONTRACTOR SHALL PLACE A STEEL PLATE OR APPROVED BRIDGE BY THE ENGINEER OVER THE OPENING OF THE INLET AND PLACE PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A OVER THE INLET OPENING TO MATCH THE CROSS SLOPE OF THE EXISTING SHOULDER.

DURING PHASE CONSTRUCTION SOME LATERALS ARE REQUIRED TO BE BORED OR JACKED FROM BORING PIT TO BORING PIT OR BORING PIT UNTIL THE CONDUIT DAYLIGHTS FROM AN EXISTING SLOPE. THESE OPERATIONS MAY REQUIRE THE NEED FOR ADDITIONAL LENGTH OF CONDUIT TO BE BORED OR JACKED FROM THE PLAN QUANTITIES. THE ADDITIONAL LEGNTH SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

UNLESS SEPARATELY ITEMIZED IN THE PLANS, ALL LABOR, EQUIPMENT, MATERIALS REQUIRED TO MAINTAIN DRAINAGE DURING CONSTRUCTION, INCLUDING SUBSEQUENT REMOVAL OF ANY TEMPORARY ITEMS, SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

SHOULDER, LANE, AND RAMP CLOSURES

ALL RAMPS AND LANES ARE TO REMAIN OPEN TO TRAFFIC UNLESS OTHERWISE SPECIFIED IN THESE PLANS OR BY THE ENGINEER. SHOULDER CLOSURES ARE TO BE PER THE PLANS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 4-15-25

PROJECT ID
96808

SHEET P.0100 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROAD WAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

DELINEATION OF TEMPORARY AND PERMANENT GUARDRAIL

BARRIER REFLECTORS SHALL BE INSTALLED ON ALL TEMPORARY GUARDRAIL USED FOR TRAFFIC CONTROL; AND, ON ALL PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. BARRIER REFLECTORS SHALL CONFORM TO C&MS 626 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET.

OBJECT MARKERS SHALL BE INSTALLED ON ALL TEMPORARY AND PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. GUARDRAIL-MOUNTING OF OBJECT MARKERS SHALL BE MADE BY INSTALLING THE OBJECT MARKERS ON THE EXTENSION BLOCKS RATHER THAN DIRECTLY ONTO THE GUARDRAIL ITSELF. OBJECT MARKERS SHALL CONFORM TO C&MS 614.03 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET WITH A 25 FOOT OFFSET FROM THE BARRIER REFLECTORS.

THE FOLLOWING ITEMS ARE QUANTIFIED IN THE SUBSUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 2 (ONE-WAY)
ITEM 614, OBJECT MARKER, 1-WAY

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE ABOVE ITEM(S).

ITEM 614 - WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN

WORK ZONE RAISED PAVEMENT MARKERS, AS PER PLAN, AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614 OR C&MS 621 AS SPECIFIED HEREIN.

RAISED PAVEMENT MARKERS IN USE DURING THE SNOW-PLOWING SEASON SHALL CONFORM TO 621.

RAISED PAVEMENT MARKERS IN USE DURING THE NON-SNOW-PLOW SEASON SHALL CONFORM TO EITHER 614 OR TO 621.

THE SNOW-PLOWING SEASON SHALL RUN FROM OCTOBER 15 THROUGH APRIL 01.

IF PROJECT DELAYS, NOT THE FAULT OF ODOT, CAUSE THE WORK TO EXTEND INTO THE SNOW-PLOWING SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WORK ZONE RAISED PAVEMENT MARKERS (WZRPMS) CONFORMING TO C&MS 614, WITH RAISED PAVEMENT MARKERS CONFORMING TO 621, AS DETERMINED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

THIS ITEM SHALL INCLUDE PURCHASE, INSTALLATION AND REMOVAL OF ITEM 614 WORK ZONE PAVEMENT MARKER, AS PER PLAN, INCLUDING FILLING OF ANY DEPRESSIONS CREATED IN THE PAVEMENT AS PER C&MS 621.08.

RESURFACING OF THE TRANSITION AREAS SHALL BE PERFORMED AT THE TIME THAT THE SURFACE COURSE IS BEING APPLIED TO THE ENTIRE PROJECT. PRIOR TO APPLICATION OF THE SURFACE COURSE ON THE PROJECT, THE EXISTING PAVEMENT WITHIN THE TRANSITION AREA SHALL BE REMOVED TO A DEPTH NECESSARY TO REACH THE LEVEL OF THE INTERMEDIATE COURSE OF THE PAVEMENT, AS DETERMINED BY THE ENGINEER.

THE FOLLOWING BID ITEM IS INCLUDED IN THE PLANS AND IS QUANTIFIED IN THE MOT SUBSUMMARY:

ITEM 614 WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN

PORTABLE BARRIER PLACEMENT

DURING THE PLACEMENT OF THE PORTABLE BARRIER, TRAFFIC WILL BE PROHIBITED FROM OCCUPYING THE TRAVEL LANE ADJACENT TO THE BARRIER. THE BARRIER WILL BE PLACED AT NIGHT PER THE WORK HOUR RESTRICTION NOTE AND IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE MAP. THE CLOSURE OF THE ADJACENT LANE WILL BE PER THE STANDARD DRAWING MT-95.30.

THE CONTRACTOR WILL SUBMIT A PLAN TO THE ENGINEER FOR APPROVAL SEVEN (7) DAYS IN ADVANCE OF THE PLANNED LANE CLOSURE. WORK WILL NOT BEGIN UNTIL APPROVAL OF THE PLANS HAS BEEN GRANTED.

ALL COSTS INVOLVED IN PLACING THE PORTABLE CONCRETE BARRIER WILL BE INCLUDED IN THE CONTRACT PRICE BID FOR THE PORTABLE BARRIER ITEM(S).

FULL DEPTH SAW CUTTING

DURING SOME OR ALL PHASES OF CONSTRUCTION, IT WILL BE NECESSARY TO PROTECT THE ADJACENT EXISTING, TEMPORARY OR PROPOSED PAVEMENT THAT WILL BE UTILIZED TO MAINTAIN TRAFFIC DURING PART-WIDTH CONSTRUCTION FOR PAVEMENT REPLACEMENT OPERATIONS. THE CONTRACTOR SHALL PERFORM FULL DEPTH SAW CUTTING AS A MEANS TO PROTECT THE PAVEMENT ADJACENT TO THE ACTIVE WORK ZONE. ANY DAMAGE TO THE ADJACENT PAVEMENT THAT WILL BE USED TO MAINTAIN TRAFFIC SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. FULL DEPTH SAW CUTTING IS ANNOTATED ON MOT TYPICAL SECTION SHEETS.

PAYMENT FOR ALL WORK ASSOCIATED WITH FULL DEPTH SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.

TRAFFIC INCIDENT MANAGEMENT (TIM) DURING MOT

OHIO TIM IS OHIO'S TRAFFIC INCIDENT MANAGEMENT PROGRAM WHICH IS COMMITTED TO MAINTAINING THE SAFE AND EFFECTIVE FLOW OF TRAFFIC DURING EMERGENCIES AS TO PREVENT FURTHER DAMAGE, INJURY OR UNDUE DELAY OF THE MOTORING PUBLIC. IN ADDITION TO COMPLYING WITH THE PROVISION OF OMUTCD CHAPTER 6I, CONTROL OF TRAFFIC THROUGH TRAFFIC INCIDENT MANAGEMENT AREAS, THE CONTRACTOR SHALL ACTIVELY PARTICIPATE IN TIM PLANNING AND IMPLEMENTATION AS OUTLINED BELOW.

1. SUPERINTENDENT SHALL IDENTIFY THE INDIVIDUAL PERSONS ON THE PROJECT WHO WILL, OR MAY NEED TO, PERFORM THE DUTIES HEREIN. AT A MINIMUM, INCLUDE THE SUPERINTENDENT, FOREMEN AND SUPERVISORS (OR EQUIVALENT) AS WELL AS THE WORKSITE TRAFFIC SUPERVISOR (WTS; IF APPLICABLE TO THE PROJECT). THESE INDIVIDUALLY IDENTIFIED PERSONS SHALL COLLECTIVELY BE KNOWN AS CONTRACTOR TRAFFIC INCIDENT MANAGEMENT (TIM) CONTACTS. NOTIFY THE PROJECT ENGINEER OF THE CONTRACTOR TIM CONTACTS (ALONG WITH CONTACT INFORMATION FOR EACH) AT OR BEFORE THE PRECONSTRUCTION MEETING.

2. SUPERINTENDENT SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONTRACTOR TIM CONTACT IS ADDED, REMOVED OR THE CONTACT INFORMATION CHANGES OVER THE COURSE OF THE PROJECT.

3. PRIOR THE FIRST DAY OF WORK IN THE FIELD, EACH CONTRACTOR TIM CONTACT ON THE PROJECT SHALL HAVE ATTENDED AND SUCCESSFULLY COMPLETED OHIO TIM TRAINING PROVIDED BY THE DEPARTMENT OR DESIGNEE. TRAINING INFORMATION CAN BE FOUND ONLINE.

4. SUPERINTENDENT, AT A MINIMUM, SHALL ATTEND AND ACTIVELY PARTICIPATE IN A DEPARTMENT SCHEDULED TIM MEETING BEFORE CONSTRUCTION WORK BEGINS AND BEFORE EACH PHASE CHANGE. THESE MEETINGS WILL RESULT IN A DEPARTMENT ISSUED PROJECT SPECIFIC TRAFFIC INCIDENT MANAGEMENT PLAN (TIMP). AT THE TIM MEETINGS THE ATTENDING CONTRACTOR TIM CONTACTS SHALL:
   A. COLLABORATE WITH ODOT AND SAFETY FORCES;
   B. SHARE PROJECT SPECIFIC DETAILS THAT IMPACT TIM RESPONDERS; AND
   C. RECOMMEND WAYS TO INCORPORATE NECESSARY EMERGENCY ACCESS AND OTHER TIM ELEMENTS FOR TIM RESPONDERS GIVEN PROJECT SPECIFIC WORK BEING COMPLETED AND PROJECT SPECIFIC PHASING.

5. CONTRACTOR TIM CONTACTS SHALL IMPLEMENT COMPONENTS OF THE RESULTING TIMP (SUCH AS APPROVED EMERGENCY INGRESS/EGRESS POINTS, ETC), AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.

6. CONTRACTOR TIM CONTACTS SHALL PERFORM, AT A MINIMUM, THE FOLLOWING FUNCTIONS WHEN AN INCIDENT/CRASH OCCURS:
   A. IF OBSERVED OR PRESENT WHEN OCCURS, CALL 911 AND THEN NOTIFY THE TRAFFIC MANAGEMENT CENTER (TMC) TO PROVIDE THE FOLLOWING:
      I. LOCATION, INCLUDING MILEPOST NUMBER AND DIRECTION OF TRAVEL
      II. NUMBER AND TYPE OF VEHICLES INVOLVED, IF KNOWN
      III. ESTIMATED EXTENT OF DAMAGE OR INJURY, IF KNOWN
      IV. ESTIMATED NUMBER OF PATIENTS INVOLVED, IF KNOWN
      V. ANY POTENTIAL HAZARDOUS CONDITIONS, IF KNOWN
      VI. THE PLACARD NUMBER ON ANY HAZARDOUS MATERIALS PLACARD FROM A SAFE DISTANCE, IF APPLICABLE AND VISIBLE
   B. FOLLOWING AN INCIDENT/CRASH:
      I. INITIATE TRAFFIC MANAGEMENT/PROVIDE TEMPORARY TRAFFIC TRAFFIC CONTROL AS INDICATED IN THE TIMP, AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.
      II. RECOMMEND ROADWAY REPAIR NEEDS.
      III. PROVIDE REPAIR RESOURCES AND INITIATE REPAIRS, AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH 109.05.
      IV. ATTEND AND PARTICIPATE IN AN AFTER ACTION REVIEW (AAR).

TRAFFIC INCIDENT MANAGEMENT (TIM) DURING MOT (CONTINUED)

ALL COSTS, UNLESS OTHERWISE SPECIFIED, RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC. FAILURE TO PERFORM THE REQUIREMENTS OF THIS PLAN NOTE WILL RESULT IN A DAILY FINE OF 2% OF ITEM 614, MAINTAINING TRAFFIC AND MAY RESULT IN ONE OR MORE CONTRACTOR TIM CONTACTS BEING REMOVED FROM THE LIST OF OHIO TIM TRAINED INDIVIDUALS (AT THE SOLE DISCRETION OF THE OHIO TIM EXECUTIVE COMMITTEE). IN THE EVENT AN INDIVIDUAL IS REMOVED FROM THE OHIO TIM TRAINED LIST, THE INDIVIDUAL WILL BE REMOVED FROM CONTRACTOR TIM CONTACT RESPONSIBILITIES ON ALL PROJECTS.

DELINEATION OF PORTABLE AND PERMANENT BARRIER

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL; AND, ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THE SPACING SHALL BE AS PER TRAFFIC SCD MT-101.70. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70. WHEN THE PB CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

INCREASED BARRIER DELINEATION, AS SPECIFIED HEREIN, SHALL BE INSTALLED ON ALL PB AND PERMANENT CONCRETE BARRIER LOCATED WITHIN 5 FEET OF THE EDGE OF THE TRAVELED LANE UNDER EITHER OF THE FOLLOWING CONDITIONS: ALONG TAPERS AND TRANSITION AREAS; OR ALONG CURVES (OUTSIDE ONLY) WITH DEGREE OF CURVATURE GREATER THAN OR EQUAL TO 3 DEGREES.

THE INCREASED BARRIER DELINEATION SHALL CONSIST OF EITHER DELINEATION PANELS OR THE TRIPLE STACKING OF WORK ZONE BARRIER REFLECTORS.

DELINEATION PANELS SHALL CONSIST OF PANELS OF DELINEATION, APPROXIMATELY 34 INCHES LONG AND 6 INCHES WIDE AND SHALL BE “CRIMPED.” PANELS SHALL BE INSTALLED AND SPACED PER TRAFFIC SCD MT-101.70.

TRIPLE-STACKED BARRIER REFLECTORS SHALL CONSIST OF ALIGNING THREE BARRIER REFLECTORS VERTICALLY, AT LOCATIONS WHERE A SINGLE BARRIER REFLECTOR WOULD BE OTHERWISE ATTACHED. THERE SHALL BE NO OPEN SPACE BETWEEN THE ADJACENT BARRIER REFLECTORS. THE TRIPLE-STACKED BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THEY SHALL BE SPACED AND ALIGNED PER TRAFFIC SCD MT-101.70.

THE FOLLOWING ITEMS ARE QUANTIFIED IN THE SUBSUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 1 (ONE-WAY)
ITEM 614, BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)
ITEM 614, OBJECT MARKER, ONE-WAY
ITEM 614, OBJECT MARKER, TWO-WAY
ITEM 614, INCREASED BARRIER DELINEATION

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

ALONG RUNS OF INCREASED BARRIER DELINEATION WHERE THIS ITEM IS PROVIDED, THE QUANTITY SHALL BE MEASURED AS THE ENTIRE LENGTH OF THE RUN OF INCREASED BARRIER DELINEATION, INCLUDING THE SPACES BETWEEN THE INDIVIDUAL DELINEATION PANELS OR STACKS OF BARRIER REFLECTORS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0101 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

DURING PERIODS WHERE TRAFFIC NEEDS TO BE DIRECTED CONTRARY TO A TRAFFIC CONTROL DEVICE (FLAGGER, SIGN [E.G. STOP SIGN, STREET OR HIGHWAY SIGNS, ETC], SIGNAL OR OTHER DEVICE USED TO REGULATE, WARN OR GUIDE TRAFFIC). TRAFFIC IN THIS INSTANCE INCLUDES VEHICULAR, PEDESTRIAN AND/OR SHARED USE PATH USERS.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

CRITERIA:
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND,
AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND,
AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

IN GENERAL LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS (CONTINUED)

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE XXXX HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

ITEM 614, WORK ZONE CROSSOVER LIGHTING SYSTEM

THIS WORK SHALL CONSIST OF FURNISHING, ERECTING, OPERATING, MAINTAINING AND REMOVING A WORK ZONE LIGHTING SYSTEM FOR A SINGLE CROSSOVER, OR OVERLAPPING A PAIR OF CROSSOVERS. THE SYSTEM SHALL BE AS SHOWN ON TRAFFIC SCD MT 100.00. THE CONTRACTOR SHALL ARRANGE FOR AND PAY FOR POWER. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH APPLICABLE PORTIONS OF 625 AND 725 EXCEPT: THE PERFORMANCE TEST OF 625.19F, AND CERTIFIED DRAWING REQUIREMENT OF 625.06, ARE WAIVED AND USED MATERIALS IN GOOD CONDITION ARE ACCEPTABLE.

POLES WHICH ARE NOT PROTECTED BY GUARDRAIL OR PORTABLE BARRIER SHALL BE LOCATED OUTSIDE THE CLEAR ZONE, AND SHOULD BE LOCATED AT LEAST 30 FEET (PREFERABLY 40 FEET) FROM THE EDGE OF PAVEMENT WHEN POSSIBLE. ADDITIONAL POLE LINES, CABLES AND APPURTENANCES NECESSARY TO FURNISH POWER TO THE LIGHTING SYSTEM SHALL BE INCLUDED IN THIS ITEM. SERVICE POLES SHALL BE POSITIONED WITH THE SAME CONSTRAINTS AS THE LIGHTING POLES AS A MINIMUM.

PAYMENT WILL BE MADE AT THE UNIT PRICE PER EACH FOR ITEM 614, WORK ZONE CROSSOVER LIGHTING SYSTEM THROUGHOUT ALL PHASES OF WORK WHEN THE CROSSOVER ROADWAYS ARE USED.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A PORTABLE CHANGEABLE MESSAGE SIGN, THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST O APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCE OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

THE CONTRACTOR SHALL IMPLEMENT A SYSTEM WHEREBY CHANGEABLE MESSAGES WILL BE IMPLEMENTED WITHIN 4 HOURS FOLLOWING TELEPHONE NOTIFICATION FROM THE PROJECT ENGINEER TO A DESIGNATED PHONE.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DE-ACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL IN ACTIVE CELLULAR PHONE AREAS ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT. THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (CONTINUED)

ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24 HOURS PER DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
XXX SNMT (X CLASS A PCMS SIGNS FOR XX MONTHS)

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ITEM 614, REPLACEMENT SIGN

FLATSHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS REQUIRED TO SUBMIT WATER LOGS ON A WEEKLY BASIS IN addition TO OTHER CMS REQUIREMENTS FOR PAYMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER XXX M. GAL.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0102 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT Notes 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:17:13 PM USER: borr
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WORKSITE TRAFFIC SUPERVISOR

SUBJECT TO APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL EMPLOY AND IDENTIFY (SOMEONE OTHER THAN THE SUPERINTENDENT) A PREQUALIFIED WORKSITE TRAFFIC SUPERVISOR (WTS) BEFORE STARTING WORK IN THE FIELD. THE WTS SHALL BE TRAINED IN ACCORDANCE WITH CMS 614.03, SHALL HAVE SUCCESSFULLY COMPLETED ODOT ADMINISTERED WTS TESTING (AND RE-TESTING WHEN APPLICABLE) AND BE LISTED ON THE ODOT PREQUALIFIED WTS ROSTER. PREQUALIFICATION EXPIRES EVERY 5 YEARS. RE-TESTING SHALL BE SUCCESSFULLY REPEATED EVERY 5 YEARS TO REMAIN PREQUALIFIED.

THE NAME OF THE PREQUALIFIED WTS AND RELATED 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. IF THE DESIGNATED WTS WILL NOT BE AVAILABLE FULL TIME (24/7), THE CON-RACTOR MAY DESIGNATE AN ALTERNATE (SECONDARY) WTS TO BE AVAILABLE WHEN THE PRIMARY IS OFF DUTY; HOWEVER THE PRIMARY WTS SHALL REMAIN THE POINT OF CONTACT AT ALL TIMES. ANY ALTERNATE (SECONDARY) WTS IS SUBJECT TO THE SAME TRAINING, PREQUALIFICATION AND OTHER REQUIREMENTS OUTLINED WITHIN THIS PLAN NOTE. AT ALL TIMES THE ENGINEER, OR ENGINEER'S REPRESENTATIVES, MUST BE INFORMED OF WHO THE PRIMARY WTS (AND SECONDARY WTS, IF APPLICABLE) IS AT THE CURRENT TIME.

THE WTS POSITION HAS THE PRIMARY RESPONSIBILITY OF IMPLEMENTING THE TRAFFIC MANAGEMENT PLAN (TMP), MONITORING THE SAFETY AND MOBILITY OF THE ENTIRE WORK ZONE, AND CORRECTING TEMPORARY TRAFFIC CONTROL (TTC) DEFICIENCIES FOR THE ENTIRE WORK ZONE. THE WTS, AND ALTERNATE WTS WHEN ON DUTY, SHALL HAVE SUFFICIENT AUTHORITY TO EFFECTIVELY CARRY OUT THE IDENTIFIED WTS RESPONSIBILITIES AND DUTIES. THE DUTIES OF THE WTS ARE AS FOLLOWS:

1. BE AVAILABLE ON A 24-HOUR PER DAY BASIS.
2. BE ON SITE FOR ALL EMERGENCY TTC NEEDS WITHIN ONE HOUR OF NOTIFICATION BY POLICE OR PROJECT STAFF, AND EFFECT CORRECTIVE MEASURES IMMEDIATELY ON EXISTING WORK ZONE TTC DEVICES.
3. ATTEND PRECONSTRUCTION MEETING AND ALL PROJECT MEETINGS WHERE TTC MANAGEMENT IS DISCUSSED.
4. BE AVAILABLE ON SITE FOR OTHER MEETINGS OR DISCUSSIONS WITH THE ENGINEER UPON REQUEST.
5. BE AWARE OF ALL EXISTING AND PROPOSED TTC OPERATIONS OF THE CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS, AND ENSURE COORDINATION OCCURS BETWEEN THEM TO ELIMINATE CONFLICTING TEMPORARY AND/OR PERMANENT TRAFFIC CONTROL.
6. COORDINATE PROJECT ACTIVITIES WITH ALL LAW ENFORCEMENT OFFICERS (LEOS). THE WTS SHALL ALSO BE THE MAIN CONTACT PERSON WITH THE LEOS WHILE LEOS ARE ON THE PROJECT.
7. COORDINATE AND FACILITATE MEETINGS WITH ODOT PERSONNEL, LEOS AND OTHER APPLICABLE ENTITIES BEFORE EACH PLAN PHASE SWITCH TO DISCUSS THE WORK ZONE TTC FOR IMPLEMENTING THE PHASE SWITCH. SUBMIT A WRITTEN DETAIL OF MOT OPERATIONS AND SCHEDULE OF EVENTS TO IMPLEMENT THE SWITCH BETWEEN PHASE PLANS TO THE ENGINEER 5 CALENDAR DAYS PRIOR TO THIS MEETING.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

8. BE PRESENT, ON SITE FOR, AND INVOLVED WITH, EACH TTC SET UP/TAKE DOWN AND EACH PHASE CHANGE IN ACCORDANCE WITH CMS 614.03.
9. ON A CONTINUAL BASIS ENSURE THAT THE TTC ZONE AND ALL RELATED DEVICES ARE INSTALLED, MAINTAINED AND REMOVED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
10. ON A CONTINUAL BASIS FACILITATE CORRECTIVE ACTION(S) NECESSARY TO BRING DEFICIENT TTC ZONES AND ALL RELATED DEVICES INTO COMPLIANCE WITH CONTRACT DOCUMENTS IN THE TIMEFRAME DETERMINED BY THE ENGINEER.
11. INSPECT, EVALUATE, PROPOSE NECESSARY MODIFICATIONS TO, AND DOCUMENT THE EFFECTIVENESS OF, THE TTC DEVICES AND TRAFFIC OPERATIONS ON A DAILY BASIS (7 DAYS A WEEK). IN ADDITION, PERFORM ONE WEEKLY NIGHT INSPECTION OF THE WORK ZONE SETUP FOR DAYTIME WORK OPERATIONS; AND ONE DAYTIME INSPECTION PER WEEK FOR NIGHTTIME PROJECTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) DOCUMENTATION ON THE FOLLOWING PROJECT EVENTS:
    - A. INITIAL TTC SETUP (DAY AND NIGHT REVIEW).
    - B. DAILY TTC SETUP AND REMOVAL.
    - C. WHEN CONSTRUCTION STAGING CAUSES A CHANGE IN THE TTC SETUP.
    - D. CRASH OCCURRENCES WITHIN THE CONSTRUCTION AREA AND WITHIN THE INFLUENCE AREA(S) APPROACHING THE WORK ZONE.
    - E. REMOVAL OF TTC DEVICES AT THE END OF A PHASE OR PROJECT.
    - F. ALL OTHER EMERGENCY TTC NEEDS.
12. COMPLETE THE DEPARTMENT APPROVED LONG TERM INSPECTION FORM (CA-D-8) AFTER EACH INSPECTION AS REQUIRED IN # 11 AND SUBMIT IT TO THE ENGINEER THE FOLLOWING WORKDAY. THESE REPORTS SHALL INCLUDE A CHECKLIST OF ALL TTC MAINTENANCE ITEMS TO BE REVIEWED. A COPY OF THE FORM WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. ANY DEFICIENCIES OBSERVED SHALL BE NOTED, ALONG WITH RECOMMENDED OR COMPLETED CORRECTIVE ACTIONS AND THE DATES BY WHICH SUCH CORRECTIONS WERE, OR WILL BE, COMPLETED. A COPY OF THE CURRENT CA-D-8 DOCUMENT CAN BE FOUND ON THE OFFICE OF CONSTRUCTION ADMINISTRATION'S INSPECTION FORMS WEBSITE.
13. HAVE COPIES OF THE ODOT TEMPORARY TRAFFIC CONTROL MANUAL AND CONTRACT DOCUMENTS AVAILABLE AT ALL TIMES ON THE PROJECT.

THE DEPARTMENT WILL DEDUCT:

A. THE PRORATED DAILY AMOUNT OF ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY IN WHICH THE WTS FAILS TO PERFORM THE DUTIES SET FORTH ABOVE. THE PRORATED DAILY AMOUNT WILL BE EQUAL TO THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC DIVIDED BY THE DIFFERENCE BETWEEN THE ORIGINAL COMPLETION DATE AND THE FIRST DAY OF WORK, IN CALENDAR DAYS.

B. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A TTC ISSUE IS IDENTIFIED IN THE FIELD AND IS NOT CORRECTED IN THE GIVEN TIMEFRAME PER THE ENGINEER. DEDUCTION B SHALL NOT APPLY TO SITUATIONS COVERED BY DEDUCTION C.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

C. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A LANE OR RAMP IS BLOCKED (FULLY OR PARTIALLY) WITHOUT TTC, AS DETERMINED BY THE ENGINEER. THIS DEDUCTION SHALL BE IN ADDITION TO ANY OTHER DISINCENTIVES ESTABLISHED FOR UNAUTHORIZED LANE USE.

FOR DAYS IN WHICH MORE THAN ONE DEDUCTION LISTED ABOVE OCCUR, THE HIGHEST DEDUCTION AMOUNT WILL APPLY.

IF THREE OR MORE TOTAL DAYS RESULT IN TTC ISSUES DESCRIBED IN DEDUCTION B OR C ABOVE, THE PRIMARY WTS SHALL BE IMMEDIATELY REMOVED FROM THE WORK IN ACCORDANCE WITH C&MS 108.05. UPON REMOVAL THE ENGINEER SHALL NOTIFY ODOT CENTRAL OFFICE (WTSPREQUALIFICATION@DOT.OHIO.GOV) TO REGISTER A REMOVAL AGAINST THE STATEWIDE PREQUALIFICATION FOR THE PRIMARY WTS. THREE REMOVALS SHALL CAUSE STATEWIDE DISQUALIFICATION FOR ANY PREVIOUSLY PREQUALIFIED WTS. A WTS (AND ALTERNATE WTS, IF APPLICABLE) MAY BE IMMEDIATELY AND CONCURRENTLY REMOVED FROM THE WORK AT THE PROJECT LEVEL IN ACCORDANCE WITH C&MS 108.05 AND DISQUALIFIED STATEWIDE FROM THE ODOT PREQUALIFIED WTS ROSTER (REGARDLESS OF THE NUMBER OF PROJECT LEVEL REMOVALS), AS WELL AS BEING SUBJECT TO OTHER POTENTIAL CONSEQUENCES, IN CASES OF FALSIFIED, DISHONEST OR OTHERWISE UNETHICAL ACTIVITY OR DOCUMENTATION.

PAYMENT FOR THE ABOVE REQUIREMENTS, RESPONSIBILITIES AND DUTIES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM SPECIAL, WORK ZONE TRAFFIC SIGNAL

PROVIDE A WORK ZONE TRAFFIC SIGNAL AT THE INTERSECTIONS OF PALMER ROAD AS SHOWN ON THE PLANS. THE SIGNAL SHALL BE OPERATIONAL AT THE BEGINNING OF THE WORK AND SHALL REMAIN IN OPERATION UNTIL THE PROPOSED ROADWAY IS OPEN TO TWO LANE TRAFFIC AT WHICH TIME THE WORK ZONE TRAFFIC SIGNAL SHALL BE REMOVED. REMOVAL OF THE TRAFFIC SIGNAL SHALL BE INCIDENTAL TO THIS PAY ITEM.

ALL WORK ZONE TRAFFIC SIGNAL ITEMS SHALL BE AS PER SCD MT-96.11, MT-96.20, AND MT-96.26 AND CMS 632, 633, AND 733.02. PROVIDE A CONTROLLER CAPABLE OF OPERATING A FULLY ACTUATED TRAFFIC SIGNAL WITH THE TIMING AND PHASING SHOWN IN THE PLANS INCLUDING THE CAPABLILITES OF UTILIZING A RADAR DETECTION SYSTEM. IT SHALL INCLUDE OBTAINING A POWER SUPPLY FOR THE TRAFFIC SIGNAL.

PAYMENT SHALL BE MADE AT THE CONTRACT PRICE BIDE PER EACH ITEM SPECIAL, WORK ZONE TRAFFIC SIGNAL AND INCLUDE ALL EQUIPMENT, MATERIALS, LABOR, INCIDENTIALS, AND PROGRAMMING NECESSARY FOR THE DESIGN, FURNISHING, INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF THE WORK ZONE TRAFFIC SIGNAL.

AN ESTIMATED QUANTITY OF XXX EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

LONGITUDINAL AND TRANSVERSE BUTT JOINTS DURING CONSTRUCTION

LONGITUDINAL BUTT JOINTS ARE REQUIRED ALONG AREAS WHERE TRAFFIC WILL CROSS FROM PAVEMENT SURFACES OF DIFFERENT ELEVATIONS. TRANSVERSE BUTT JOINTS AT BRIDGES AND AT THE RESURFACING LIMITS SHALL NOT BE LEFT OPEN TO TRAFFIC. BEFORE OPENING TO TRAFFIC A TEMPORARY ASPHALT CONCRETE WEDGE OF SUFFICIENT LENGTH SHALL BE CONSTRUCTED AT THE LONGITUDINAL OR TRANSVERSE BUTT JOINT. ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC IS TO BE USED FOR THE WEDGE CONSTRUCTION. IT SHALL BE PLACED WHILE TRAFFIC IS PROHIBITED. BEFORE THE NEW PAVEMENT IS PLACED, THE WEDGE SHALL BE REMOVED PRIOR TO PLACING THE SURFACE COURSE AND THE COSTS SHALL BE CONSIDERED INCIDENTAL TO ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

LONGITUDINAL BUTT JOINT WEDGE SHALL UTILIZE A TAPER RATE OF 1" PER 3' OR FLATTER. TRANSVERSE BUTT JOINT WEDGE SHALL BE AT A RATE OF 1" PER 4' (RAMPS) OR 1" PER 10' (MAINLINE). AT LOCATIONS WHERE THE FINAL PAVING WILL NOT OCCUR FOR MORE THAN ONE WEEK, THE TRANSITION RATE SHALL BE 1" PER 35'.

PAYMENT FOR ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

FOR TRANSVERSE BUT JOINTS, "BUMP" (W8-11) AND "ADVISORY SPEED" (W13-1) SIGNS AND SUPPORTS SHALL BE ERECTED AND MAINTAINED AT THE BUTT JOINT UNTIL THE SURFACE COURSE IS COMPLETED. THE COSTS OF PROVIDING, ERECTING, MAINTAINING AND SUBSEQUENTLY REMOVING THESE SIGNS AND SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM 618, RUMBLE STRIPS (ASPHALT CONCRETE), AS PER PLAN

THE CONTRACTOR SHALL MILL 2 INCHES DEEP BY 2 FEET WIDE OF EXISTING ASPHALT SHOULDER IN ORDER TO REMOVE THE EXISTING RUMBLE STRIPS ALONG IR 70 IN THE AREA WHERE TRAFFIC IS SHIFTED ONTO THE SHOULER. THE CONTRACTOR SHALL THEN COAT ALL MILLED HORIZONTAL AND VERTICAL SURFACES WITH AN APPROVED AC LIQUID. THE CONTRACTOR SHALL THEN PLACE 2 INCHES OF ITEM 448 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 PG64-28 IN THE MILLED AREA. IMMEDIATELY FOLLOWING COMPLETION OF MOT OPERATIONS AND RESTORING THE TRAFFIC TO ITS ORIGINAL POSITION, NEW RUMBLE STRIPS PER CMS 618 SHALL BE INSTALLED AT THE LOCATION WHERE THE EXISTING RUMBLE STRIPS WERE REMOVED. ALL COSTS ASSOCIATED WITH THE MILLING OF THE EXISTING PAVEMENT, PLACEMENT OF THE SURFACE COURSE, AND INSTALLATION OF THE RUMBLE STRIPS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT OF ITEM 618, RUMBLE STRIPS (ASPHALT CONCRETE), AS PER PLAN.

AN ESTIMATED QUANTITY OF XXXX FEET HAS BEEN CARRIED TO THE GENERAL SUMMARY.

LOCAL ACCESS

INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES AT ALL TIMES UNLESS SHOWN OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING OWNERS, RESIDENTS, OR BUSINESS OPERATORS IN WRITING AT LEAST 48 HOURS BUT NOT MORE THAN 72 HOURS PRIOR TO CLOSURE. THE ENGINEER SHALL BE PROVIDED A LIST OF PERSONS/COMPANIES THAT WERE GIVEN NOTICES WITH THE DATE OF THE NOTICE INCLUDED. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE US MAIL OR ANY DELIVERIES WITHIN THE PROJECT LIMITS ARE NOT DISRUPTED BY THE CONSTRUCTION OPERATIONS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING
DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808

FAI/LIC-IR 70-0.00/0.00
MODEL: MOT Notes 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:17:14 PM USER: borr
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WORK ZONE INCREASED PENALTIES SIGN (R11-H5A)

R11-H5A-48 SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED IN GOOD CONDITION AND/OR REPLACED AS NECESSARY AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SIGNS SHALL BE MOUNTED AT THE APPROPRIATE OFFSETS AND ELEVATIONS AS PRESCRIBED BY THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THEY SHALL BE MAINTAINED ON SUPPORTS MEETING CURRENT SAFETY CRITERIA.

THE SIGNS MAY BE ERECTED OR UNCOVERED NO MORE THAN FOUR HOURS BEFORE THE ACTUAL START OF WORK. THE SIGNS SHALL BE REMOVED OR COVERED NO LATER THAN FOUR HOURS FOLLOWING RESTORATION OF ALL LANES TO TRAFFIC WITH NO RESTRICTIONS, OR SOONER AS DIRECTED BY THE ENGINEER. TEMPORARY SIGN COVERING AND UNCOVERING DUE TO TEMPORARY LANE RESTORATIONS SHALL BE GUIDED BY THE FOUR-HOUR LIMITATIONS STATED ABOVE. SUCH LANE RESTORATIONS SHOULD BE EXPECTED TO REMAIN IN EFFECT FOR 30 OR MORE CONSECUTIVE CALENDAR DAYS, SUCH AS DURING WINTER SHUT-DOWNS.

THE SIGNS ON THE MAINLINE SHALL BE DUAL MOUNTED UNLESS NOT PHYSICALLY POSSIBLE. THE FIRST SIGN SHALL BE PLACED BETWEEN THE ROAD WORK AHEAD (W20-1) SIGN AND THE NEXT SIGN IN THE SEQUENCE. SIGNS SHALL BE ERECTED ON EACH ENTRANCE RAMP AND EVERY 2 MILES THROUGH THE CONSTRUCTION WORK LIMITS. SIGNS ON THE MAINLINE SHALL BE R11-H5A-48. SIGNS USED ON THE RAMPS SHALL BE R11-H5A-24. R11-H5A-24 SIGNS MAY BE USED IN THE MEDIAN IN LIEU OF R11-H5A-48 SIGNS IF IT IS NOT PHYSICALLY POSSIBLE TO PROVIDE R11-H5A-48 SIGNS IN THE MEDIAN.

THE R11-H5A-48 SIGNS SHALL BE MOUNTED ON 2 NO. 3 POSTS WHEN LOCATED WITHIN CLEAR ZONES.

THE CONTRACTOR MAY USE SIGNS AND SUPPORTS IN USED, BUT GOOD, CONDITION PROVIDED THE SIGNS MEET CURRENT ODOT SPECIFICATIONS.

WORK ZONE INCREASED PENALTIES SIGNS AND SUPPORTS WILL BE MEASURED AS THE NUMBER OF SIGN INSTALLATIONS, INCLUDING THE SIGN AND NECESSARY SUPPORTS. IF A SIGN AND SUPPORT COMBINATION IS REMOVED AND REERECTED AT ANOTHER LOCATION AS DIRECTED BY THE ENGINEER, IT SHALL BE CONSIDERED ANOTHER UNIT.

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE, IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVAL OF THE SIGN AND SUPPORT.

ITEM 614, WORK ZONE INCREASED PENALTIES SIGN XXX EACH

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

ASPHALT PAVING LIMITATION

THE CONTRACTOR SHALL NOT ANTICIPATE OR SCHEDULE PLACING ASPHALT (ASPHALT SURFACE COURSE, ASPHALT INTERMEDIATE COURSE, ASPHALT CONCRETE BASE COURSE, ETC.) BETWEEN NOVEMBER 1ST AND APRIL 1ST WHEN SUBMITTING THEIR INITIAL BAR CHART PROGRESS SCHEDULE TO THE DISTRICT CONSTRUCTION ENGINEER (DCE) AS SPECIFIED IN CMS SECTION 108.02A. THIS LIMITATION SHALL ALSO INCLUDE INITIAL BASE LINE SCHEDULES AND ALL UPDATES IN A CPM SCHEDULE IS REQUIRED.

WORK ZONE SPEED ZONES (WZSZS)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NO.	*COUNTY-ROUTE-SECTION*	*DIRECTION*
WZ-XXXXX	*FAI/LIC-70-0.00/0.00*	*WB/EB*
WZ-30813	*FAI-70-0.00/2.40*	*WB/EB*

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRECONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

WORK ZONE SPEED ZONES (WZSZS) (CONTINUED)

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

	WITH POSITIVE PROTECTION		*WITHOUT POSITIVE PROTECTION*	
ORIGINAL POSTED SPEED LIMIT	*WORKERS PRESENT*	*WORKERS NOT PRESENT*	*WORKERS PRESENT*	*WORKERS NOT PRESENT*
70	*60*	*65*	*55*	*65*
65	*55*	*60*	*50*	*60*
60	*55*	*60*	*50*	*60*
55	*50*	*55*	*45*	*55*

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY
XXX SIGN MONTHS

ITEM 615, ROADS FOR MAINTAINING TRAFFIC

THIS WORK CONSISTS OF PROVIDING, MAINTAINING, AND SUBSEQUENTLY REMOVING ROADS AND APPURTENANCES AND PAVEMENTS FOR MAINTAINING TRAFFIC.

ADDITIONAL EXCAVATION AND EMBANKMENT IS REQUIRED BEYOND THE PHYSICAL LIMITS OF PROPOSED SHOULDER WIDTHS AT RAMP GORES, AT TAPERS AND CROSS OVER LOCATIONS. REQUIRED ADDITIONAL EARTHWORK IN THESE AREAS WILL BE PAID FOR UNDER THE LUMP SUM AMOUNT FOR ITEM 615, ROADS FOR MAINTAINING TRAFFIC.

REMOVE ALL PAVEMENT FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH THE PROVISIONS OF ITEM 615 UNLESS OTHERWISE SPECIFIED IN THE PLANS.

PAYMENT FOR ABOVE REQUIREMENTS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 615, ROADS FOR MAINTAINING TRAFFIC.

EXISTING GUIDE SIGNS (OVERHEAD AND GROUND MOUNTED)

THE CONTRACTOR SHALL MAINTAIN EXISTING GUIDE SIGNS THOUGHOUT EACH PHASE OF CONSTRUCTION AS APPLICABLE. EXISTING OVERHEAD GUIDE SIGNS MAY BE REMOVED AND RE-ERECTED ON GROUND MOUNTS/POSTS. EXISTING GROUND MOUNTED GUIDE SIGNS MAY ALSO BE MOVED AND RE-ERECTED AS NECESSARY AND AS APPROVED BY THE ENGINEER.

TEMPORARY SIGN OVERLAYS NOT OTHERWISE DETAILED IN THE PLANS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

WHERE AN EXISTING GUIDE SIGN CANNOT BE USED OR RE-USED, THEN AN APPROPRIATE TEMPORARY REPLACEMENT SHALL BE CONSTRUCTED IN ACCORANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

UNLESS SEPARATELY ITEMIZED IN THE PLANS, ALL LABOR, EQUIPMENT, MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF 615:

UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE PAVEMENT FOR MAINTAINING TRAFFIC INCLUDING ANY TEMPORARY DRAINAGE FACILITIES. THE AFFECTED EXISTING EARTH MEDIAN AND PAVED SHOULDERS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AND AS PER 615.08.

PAVEMENT FOR MAINTAINING TRAFFIC SHALL NOT BE OPENED TO TRAFFIC UNTIL ALL WORK ZONE TRAFFIC CONTROL DEVICES, SIGNS, PAVEMENT MARKINGS AND PORTABLE CONCRETE BARRIERS HAVE BEEN ERECTED AND APPROVED BY THE ENGINEER.

AT LOCATIONS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL UNDERCUT THE EXISTING SOIL AND REPLACE WITH GRANULAR MATERIAL AND PLACE SUITABLE THICKNESS OF AGGREGATE BASE AS DETERMINED BY THE ENGINEER PRIOR TO THE PLACMENT OF PAVMEENT FOR MAINTAINING TRAFFIC.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN CONSTRUCTING THE PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN.

ITEM 204, GRANULAR MATERIAL, TYPE B
ITEM 204, EXCAVATION OF SUBGRADE
ITEM 204, GEOTEXTILE FABRIC
ITEM 304, AGGREGATE BASE
ITEM 615, ROADS FOR MAINTAINING TRAFFIC,
ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN, (QUANTIFIED IN SUBSUMMARY)

ALTHOUGH ESTIMATES FOR TEMPORARY EXCAVATION, EMBANKMENT AND TEMPORARY DRAINAGE FACILITIES MAY BE SHOWN ON THE PLAN DETAILS, THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO, AND INCLUDED WITH PAYMENT FOR ITEM 615 ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN.

PAVEMENT MARKINGS FOR POST-MOT ROADWAY CONDITION

THE FOLLOWING PAVEMENT MARKING QUANTITIES ARE PROVIDED FOR USE BY THE CONTRACTOR IN PLACING PAVEMENT MARKINGS IN THE FINAL LAYOUT CONDITION THROUGHOUT THE PROJECT AS DIRECTED BY THE ENGINEER. FOR PLACEMENT OF THESE PAVEMENT MARKINGS, REFER TO THE TRAFFIC CONTROL PLANS. NOT ALL MARKINGS SHOWN ON THE TRAFFIC CONTROL PLANS ARE INTENDED TO BE INSTALLED AT THIS TIME.

THE FOLLOWING CLASS I PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE INTERMEDIATE COURSE OF PAVEMENT:

WORK ZONE LANE LINE, CLASS I, 6"	*XX MILE*
WORK ZONE EDGE LINE, CLASS I, 6"	*XX MILE*
WORK ZONE CHANNELIZING LINE, CLASS I, 12"	*XX FT*
WORK ZONE DOTTED LINE, CLASS I	*XX FT*
WORK ZONE STOP LINE, CLASS I	*XX FT*

THE FOLLOWING CLASS III PAVEMENT MARKINGS ARE INTENDED TO BE USED ON THE SURFACE COURSE OF PAVEMENT:

WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	*XX MILE*
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	*XX MILE*
WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	*XX FT*
WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT	*XX FT*
WORK ZONE STOP LINE, CLASS III, 642 PAINT	*XX FT*

THESE ITEMS AND QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0104 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT Notes 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:17:14 PM USER: borr
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MAINTENANCE OF TRAFFIC SIGNAL/FLASHER INSTALLATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC SIGNAL/FLASHER INSTALLATIONS WITHIN THE PROJECT UNDER THE FOLLOWING CONDITIONS:

1. EXISTING SIGNAL/FLASHER INSTALLATIONS WHICH THE PLANS REQUIRE THE CONTRACTOR TO ADJUST, MODIFY, ADD ONTO OR REMOVE, OR WHICH THE CONTRACTOR ACTUALLY ADJUSTS, MODIFIES OR OTHERWISE DISTURBS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENTIRE INSTALLATION (AT AN INTERSECTION) FROM THE TIME HIS OPERATIONS FIRST DISTURB THE INSTALLATION UNTIL THE INSTALLATION HAS BEEN SUBSEQUENTLY REMOVED OR MODIFIED AND THE WORK IS ACCEPTED.

2. NEW OR REUSED SIGNAL/FLASHER INSTALLATIONS OR DEVICES, INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THESE FROM THE TIME OF INSTALLATION UNTIL THE WORK IS ACCEPTED.

THE CONTRACTOR SHALL CORRECT AS QUICKLY AS POSSIBLE ALL OUTAGES OR MALFUNCTIONS. HE SHALL PROVIDE THE MAINTAINING AGENCY AND THE ENGINEER SUCH ADDRESSES AND PHONE NUMBERS WHERE HIS MAINTENANCE FORCES CAN BE CONTACTED. THE CONTRACTOR SHALL PROVIDE ONE OR MORE PERSONS TO RECEIVE ALL CALLS AND DISPATCH THE NECESSARY MAINTENANCE FORCES TO CORRECT OUTAGES. SUCH A PERSON OR PERSONS MAY BE USED TO PERFORM OTHER DUTIES AS LONG AS PROMPT ATTENTION IS GIVEN TO THESE CALLS AND A PERSON IS READILY AVAILABLE CONTINUOUSLY 24 HOURS A DAY, 7 DAYS A WEEK. ALL LAMP OUTAGES, CABLE OUTAGES, ELECTRICAL FAILURES, EQUIPMENT MALFUNCTIONS AND MISALIGNED SIGNAL HEADS SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK TO SERVICE WITHIN FOUR HOURS AFTER THE CONTRACTOR HAS BEEN NOTIFIED OF THE OUTAGE.

IN THE EVENT NEW SIGNALS ARE DAMAGED PRIOR TO ACCEPTANCE, ALL DAMAGED EQUIPMENT EXCEPT POLES AND CONTROL EQUIPMENT SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK IN SERVICE WITHIN 8 HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE OUTAGE. THE CONTRACTOR SHALL ARRANGE FOR FULL TRAFFIC CONTROL UNTIL THE SIGNAL IS BACK IN OPERATION.

IF POLES AND/OR CONTROL EQUIPMENT ARE DAMAGED AND MUST BE REPLACED, THE CONTRACTOR SHALL MAKE TEMPORARY REPAIRS AS NECESSARY TO BRING THE SIGNAL BACK INTO FULL OPERATION WITHIN THE ALLOWED 8-HOUR PERIOD, AND SHALL MAKE PERMANENT REPAIRS OR REPLACEMENT AS SOON THEREAFTER AS POSSIBLE.

NONE OF THE ABOVE SHALL BE CONSTRUED AS COLLECTIVE OR CONSECUTIVE OUTAGE TIME PERIODS AT ANY ONE LOCATION. THAT IS, WHERE MORE THAN ONE OUTAGE OCCURS AT ANY ONE LOCATION THEN THE ALLOTTED TIME LIMIT SHALL BE FOR THE WORST SINGLE OUTAGE.

WHERE OUTAGES ARE THE DIRECT RESULT OF A VEHICLE ACCIDENT THE RESPONSE OF THE CONTRACTOR SHALL BE AS OUTLINED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTION OF ANY COMPENSATION FOR THIS WORK FROM THOSE PARTIES RESPONSIBLE FOR THE DAMAGE.

WHERE THE CONTRACTOR HAS FAILED TO, OR CANNOT RESPOND TO, AN OUTAGE OR SIGNAL EQUIPMENT MALFUNCTION, AT THESE LOCATIONS WITHIN HIS RESPONSIBILITY, WITHIN PERIODS AS SPECIFIED ABOVE, THE ENGINEER MAY INVOKE THE PROVISIONS OF SECTION 105.15 AND ANY SUBSEQUENT BILLINGS TO THE STATE FOR POLICE SERVICES AND MAINTENANCE SERVICES SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE THE CONTRACTOR IN ACCORDANCE WITH PROVISIONS OF SECTION 105.15.

MAINTENANCE OF TRAFFIC SIGNAL/FLASHER INSTALLATION (CONTINUED)

THE CONTRACTOR SHALL PROVIDE THE MAINTENANCE SERVICE ENTIRELY WITH HIS FORCES OR HE MAY CHOOSE TO ENTER INTO A COOPERATIVE UNDERSTANDING WITH THE LOCAL MAINTAINING AGENCY TO PROVIDE THE MAINTENANCE. THE CONTRACTOR SHALL INFORM THE ENGINEER, IN WRITING, OF THE MAINTENANCE METHOD SELECTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY TRAFFIC SIGNAL COMPONENTS REQUIRED TO BE HANDLED DURING THE RELOCATION OF POLES AND REVISIONS TO THE SIGNAL SYSTEM. WHEN A TRAFFIC SIGNAL MUST BE TAKEN OUT OF SERVICE BY THE CONTRACTOR, DUE TO CONSTRUCTION PROCEDURES, THIS OUTAGE SHALL NOT EXCEED 4 HOURS AND SHALL NOT INCLUDE THE HOURS OF 6 AM TO 9 AM AND 3 PM TO 6 PM. ANY SIGNALIZED INTERSECTION, WHERE THE SIGNAL IS OUT OF SERVICE DUE TO CONSTRUCTION PROCEDURES, OR DUE TO AN OUTAGE OR MALFUNCTION OF EQUIPMENT AS DESCRIBED ABOVE, SHALL BE PROTECTED, BY THE CONTRACTOR, BY THE INSTALLATION OF TEMPORARY "STOP" SIGNS, EXCEPT FOR THE FOLLOWING INTERSECTIONS WHICH SHALL BE PROTECTED BY OFF-DUTY POLICE, HIRED BY THE CONTRACTOR:

1. SR 256 AND SR 204
2. SR 256 AND IR 70 EASTBOUND EXIT
3. SR 256 AND IR 70 WESTBOUND EXIT
4. SR 256 AND TAYLOR ROAD SW & EXT
5. TAYLOR ROAD AND SR 204
6. TAYLOR ROAD AND IR 70 EASTBOUND EXIT
7. TAYLOR ROAD AND IR 70 WESTBOUND EXIT
8. TAYLOR ROAD AND TAYLOR ROAD SW & EXT
9. SR 204 AND FREEDOM WAY
10. TUSSING ROAD AND WINDERLY LANE

ANY VEHICULAR TRAFFIC SIGNAL HEAD, EITHER NEW OR EXISTING WHICH WILL BE OUT OF OPERATION SHALL BE COVERED IN THE MANNER DESCRIBED IN 632.25.

THE CONTRACTOR SHALL MAINTAIN COMPLETE RECORDS OF MALFUNCTIONS INCLUDING:

1. TIME OF NOTIFICATION OF MALFUNCTION;
2. TIME OF WORK CREWS ARRIVAL TO CORRECT THE MALFUNCTION;
3. ACTIONS TAKEN TO CORRECT THE MALFUNCTION, INCLUDING A LIST OF PARTS REPAIRED OR REPLACED;
4. A DIAGNOSIS OF REASON FOR THE MALFUNCTION AND PROBABILITY OF REOCCURRENCE;
5. TIME OF COMPLETION OF THE REPAIR AND SYSTEM RESTORED TO FULL SERVICE.

A COPY OF THESE RECORDS SHALL BE PROVIDED TO THE ENGINEER WITHIN THREE (3) WORKING DAYS FOLLOWING COMPLETION OF EACH REPAIR.

ALL COSTS RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

DRUM REQUIREMENTS

IN ADDITION TO THE REQUIREMENTS OF THE PLANS, SPECIFICATION AND PROPOSAL, DRUMS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AT THE TIME OF ARRIVAL ON THE PROJECT. ANY DRUMS BROUGHT ON THE PROJECT, WHICH HAVE PREVIOUSLY BEEN USED ELSEWHERE, WILL NOT BE ACCEPTED.

PAYMENT FOR DRUMS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED.

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

LANE CLOSURE(S) SHALL CONFORM TO THE PLCS. PUBLISHED PLCS INFORMATION CAN BE FOUND ON THE ODOT WEBSITE.

THE MONTHLY PUBLISHED SCHEDULES REQUIRED TO BE USED, FOR EACH PLCS SEGMENT WITHIN THE PROJECT AREA, ARE THOSE THAT COMPRISE THE CONSECUTIVE 12-MONTH PERIOD BEGINNING 15 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE AND ENDING 4 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE. THESE SAME 12 MONTHS APPLY FOR THE LIFE OF THE PROJECT AND SHALL BE APPLIED TO EACH RESPECTIVE MONTH OF CONSTRUCTION (MONTH OF LANE CLOSURE(S) SHALL MATCH MONTH OF PLCS USED). LANE CLOSURE(S) IN PLACE FOR MULTIPLE MONTHS SHALL ALWAYS COMPLY WITH THE CURRENT RESPECTIVE MONTH.

(FOR EXAMPLE: IF THE SALE DATE FOR THE PROJECT WAS MARCH OF 2021, THE MONTHLY PUBLISHED SCHEDULES FOR EACH APPLICABLE PLCS SEGMENT WOULD BE DECEMBER 2019 TO NOVEMBER 2020. IF THIS WAS A THREE-YEAR PROJECT, YEAR THREE WOULD STILL BE USING THE DECEMBER 2019 TO NOVEMBER 2020 MONTHLY SCHEDULES. IF THE PROJECT DESIRED TO CLOSE TWO LANES IN JUNE 2021, REFERENCE WOULD BE MADE TO THE JUNE 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S). IF THE SAME TWO LANES WERE DESIRED TO BE CLOSED AGAIN IN JULY 2021, REFERENCE WOULD BE MADE TO THE JULY 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S).)

MORE RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE AT THE DISCRETION OF THE ENGINEER IN ORDER TO COMPLY WITH THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

LESS RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE SUBJECT TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)) AND SHALL NOT BE IMPLEMENTED UNTIL, AND UNLESS, APPROVED BY THE PROPER ODOT AUTHORITY.

ALLOWABLE LANE CLOSURE HOURS FOR FACILITIES NOT COVERED BY THE PLCS, IF ANY, SHALL BE AS SPECIFIED ELSEWHERE IN THE PLANS.

EARTHWORK FOR MAINTAINING TRAFFIC

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PLAN FOR INFORMATION ONLY.

EXCAVATION FOR MAINTAINING TRAFFIC	XX CU. YD.
EMBANKMENT FOR MAINTAINING TRAFFIC	XX CU. YD.

WHEN UNDERCUTS ARE NECESSARY FOR MAINLINE PAVEMENT OR EMBANKMENT CONSTRUCTION, EVALUATE THE NEED FOR TEMPORARY ROAD UNDERCUTS IF WITHIN A CLOSE PROXIMITY TO THE MAINLINE UNDERCUTS. A GEOTECHNICAL EVALUATION SHOULD BE CONSIDERED TO DETERMINE IF THE EXISTING SOIL CONDITIONS ARE ADEQUATE TO SUPPORT THE TEMPORARY ROAD. ADDITIONAL SOIL BORINGS ALONG THE TEMPORARY ROAD ARE NOT NORMALLY REQUIRED.

MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR)

A MINIMUM OF ONE LANE OF TRAFFIC ALONG PROJECT RAMPS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR PERIODS NOT TO EXCEED LISTED DURATION (CONSECUTIVE CALENDAR DAYS), WHEN AFFECTED RAMP TRAFFIC MAY BE DETOURED AS SHOWN ON THE FOLLOWING DETOUR SHEETS:

IR-70 EB EXIT TO SR 256 NB - 180 DAYS
IR-70 EB ENTRANCE FROM SR 256 - 270 DAYS
IR-70 WB ENTRANCE TO SR 256 - 30 DAYS
NB SR 256 LEFT TURN LANE TO IR-70 WB ENTRANCE - 90 DAYS
IR-70 EB EXIT TO TAYLOR ROAD - 180 DAYS

A DISINCENTIVE SHALL BE ASSESSED IN ACCORDANCE WITH THE LANE VALUE CONTRACT TABLE PER DAY FOR EACH DAY A RAMP REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

LANE VALUE CONTRACT

THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME THE DESCRIBED CRITICAL LANE/RAMP IS RESTRICTED FROM FULL USE BY THE TRAVELING PUBLIC WITHIN THE RESTRICTED TIME PERIOD. THE LANE VALUE CONTRACT TABLE IS LOCATED BELOW. THE DISINCENTIVES WILL BE ASSESSED FOR ALL RESTRICTIONS OF THE CRITICAL WORK.

CRITICAL WORK IS SHOWN IN THE LANE VALUE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTIONS OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE WITH SPECIFIED STRIPING AND SAFETY FEATURES IN PLAN.

DESCRIPTION OF CRITICAL LANE TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE $ PER TIME UNIT
IR-70 EB EXIT TO SR 256 NB	CLOSURE BEYOND THE TIME DETAILED IN THE TIME LIMITATION NOTE	MINUTE	$XX
IR-70 EB ENTR. FROM SR 256	CLOSURE BEYOND THE TIME DETAILED IN THE TIME LIMITATION NOTE	MINUTE	$XX
IR-70 WB ENTR. TO SR 256	CLOSURE BEYOND THE TIME DETAILED IN THE TIME LIMITATION NOTE	MINUTE	$XX
IR-70 EB EXIT TO TAYLOR ROAD	CLOSURE BEYOND THE TIME DETAILED IN THE TIME LIMITATION NOTE	MINUTE	$XX
MAINLINE IR-70 LANES	AS PER THE PERMITTED LANE CLOSURE SCHEDULE	MINUTE	$XX

ITEM 614, DETOUR SIGNING

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND REMOVE ALL DETOUR SIGNING. DETOUR SIGNS SHALL BE ERECTED AND/OR UNCOVERED PRIOR TO THE ROAD AND RAMP BEING CLOSED TO TRAFFIC BUT NO EARLIER THAN FOUR HOURS PRIOR TO THE CLOSURE. DETOUR SIGNS SHALL BE COVERED AND/OR REMOVED NO LATER THAN FOUR HOURS FOLLOWING THE ROAD OR RAMP RE-OPENING TO TRAFFIC.

SIZE AND PLACEMENT OF DETOUR SIGNS SHOULD FOLLOW THE REQUIREMENTS OF THE OMUTCD SECTION 6F.03, SECTION 2A.11 AND TABLE 6F.01. DETOUR SIGNS SHALL NOT OBSCURE OR BE OBSCURED BY OTHER EXISTING OR TEMPORARY SIGNS.

PAYMENT FOR ALL MATERIALS, LABOR, INCIDENTALS, AND EQUIPMENT TO IMPLEMENT THE DETOUR SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614, DETOUR SIGNING.

ITEM 614, DETOUR SIGNING (LUMP SUM) HAS BEEN CARRIED TO THE GENERAL SUMMARY.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0105 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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SPEED MEASUREMENT MARKINGS

THE CONTRACTOR SHALL PLACE A SERIES OF SPEED MEASUREMENT MARKINGS ON THE ROADWAY TO ESTABLISH AN AIR SPEED CHECK ZONE TO ASSIST IN THE ENFORCEMENT OF SPEED REGULATIONS WITHIN THE WORK ZONE. EACH SPEED MEASUREMENT MARKING SHALL CONSIST OF ONE WHITE TRANSVERSE 24-INCH LINE MEASURED IN THE DIRECTION OF TRAVEL AND 4 FEET IN LENGTH. THE MARKINGS SHALL BE PLACED AT ONE-QUARTER MILE INTERVALS FOR A MINIMUM OF 1 MILE ALONG THE ROADWAY, AT LOCATIONS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. SPEED MEASUREMENT MARKINGS SHOULD AVOID BEING LOCATED IN THE VICINITY OF A TAPER, SHIFT, CROSSOVER, ENTRANCE RAMP OR EXIT RAMP.

ON MULTILANE HIGHWAYS WITH SHOULDER WIDTHS OF AT LEAST 6 FEET, CENTER THE SPEED MEASUREMENT MARKING ENTIRELY ON THE SHOULDER. IF THE SHOULDER WIDTH IS BETWEEN 2 FEET AND 6 FEET, CENTER THE MARKING ON THE EDGE LINE. IF THE SHOULDER WIDTH IS LESS THAN 2 FEET, CENTER THE MARKING IN LANE IMMEDIATELY ADJACENT TO THE EDGE LINE. TO ASSURE VISIBILITY OF THE MARKINGS AND REDUCE PARALLAX ERRORS ON MULTI-LANE HIGHWAYS, FOR EACH DIRECTION UTILIZING AN AIR SPEED CHECK ZONE , A SET OF TWO MARKINGS (LEFT AND RIGHT SIDE) SHALL BE USED AT EACH ONE-QUARTER MILE INTERVAL.

ON TWO-LANE HIGHWAYS, ONE MARKING SHOULD BE USED AT EACH ONE-QUARTER MILE INTERVAL AND INSTALLED ACROSS THE CENTER LINE.

THE MARKINGS SHALL BE LAID OUT BY A REGISTERED SURVEYOR. MEASURE EACH SET OF MARKINGS SEPARATELY TO ELIMINATE RADIAL DISTANCE ERRORS. A RECORD IS TO BE KEPT AND ONE ORGINAL SIGNED AND SEALED DOCUMENT IS TO BE SENT TO THE DISTRICT TRAFFIC ENGINEER AND ONE COPY IS TO BE SENT TO THE DISTRICT CONSTRUCTION ENGINEER.

PAYMENT WILL BE FOR EACH 24-INCH-WIDE BY 4 FEET LONG MARKING AND SHALL INCLUDE THE PAVEMENT MARKING MATERIAL USED AND THE SURVEYING WORK. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 614 SPEED MEASUREMENT MARKING, 642 TRAFFIC PAINT
_____ EACH

WHEN CALLED FOR IN THE PLANS , PLACE AREA PATROLLED BY AIRCRAFT (D12-H15A) BLACK-ON-FLUORESCENT ORANGE SIGNS IN THE ADVANCED WORK ZONE AREA BETWEEN THE FIRST AND SECOND SIGNS IN THE SERIES AND REPEATED AT EACH ENTRANCE RAMP WITHIN THE AIR SPEED CHECK ZONE. PAYMENT FOR AIR SPEED CHECK ZONE RELATED SIGNS IS INCLUDED IN THE LUMP SUM BID PRICE FOR MAINTAINING TRAFFIC.

RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL (RDTS)

OHIO HAS RECEIVED STATEWIDE APPROVAL FROM FHWA FOR THE OPTIONAL USE OF RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL. THE DESIGN, INSTALLATION AND USE OF AN RDTS IS GOVERNED BY MUTCD INTERIM APPROVAL 23 (IA-23) AND TE FOLLOWING PARAGRAPHS. STATEWIDE APPROVED USE OF RDTS IS LIMITED TO RESIDENTIAL DRIVEWAYS WITH THE ONE-LANE, ONE DIRECTION PORTION OF A TEMPORAY TRAFFIC CONTROL ZONE RESULTING FROM CLOSING ONE LANE ON A TWO-LANE, TWO-WAY ROADWAY.

THE CONTRACTOR SHALL PROVIDE, ERECT, OPERATE AND MAINTAIN THE RDTS AND RELATED APPURTEMAMCES FOR THE PROJECT'S DURATION IN CONFORMANCE WITH IA-23.

AN RDTS IS A COMPONENT OF A PORTABLE TRAFFIC SIGNAL SYSTEM (PTSS). THE PTSS SHALL CONFORM TO SUPPLEMENTAL SPECIFICATION 961.

SIGNS SHALL MEET THE REQUIREMENTS OF CMS 630.

BATTERY AND SOLAR/BATTERY UNITS SHALL HAVE A NO-CHARGE LIFE OF NOT LESS THAN 30 DAYS. NO-CHARGE-LIFE IS THE NUMBER OF CONSECUTIVE DAYS THAT THE SYSTEM CAN CONTINUE TO FUNCTION STARTING WITH A FULL BATTERY CHARGE AND WITH NO ADDITIONAL CHARGE PROVIDED BY THE SOLAR CELLS.

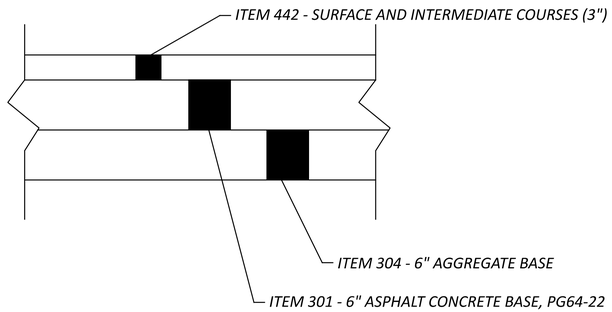
DO NOT USE AN RDTS ON A SEGMENT OF ROADWAY THAT HAS COMMERCIAL OR INDUSTRIAL DRIVEWAYS OR SIDE STREETS INTERMIXED WITH RESIDENTIAL DRIVEWAYS.

PAYMENT FOR THE INSTALLATION, OPERATION, MAINTENANCE, AND REMOVAL OF RDTS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC. CONTRACTOR SHOULD BE AWARE THAT FHWA MAY TERMINATE THIS INTERIM APPROVAL AT ANY TIME. IF THE INTERIM APPROVAL IS TERMINATED THAT CONTRACTOR AND PROJECT ENGINEER SHALL NEGOTIATE A CHANGE ORDER TO PAY FOR THE REMOVAL AND RESTORATION TO COMPLY WITH THE MUTCD WITHIN THE REQUIRED TIMEFRAME.

ITEM 253, PAVEMENT REPAIR

PAVEMENT REPAIR SHALL BE PERFORMED ON THE EXISITING ASPHALT ALONG SR 256 AS DIRECTED BY THE ENGINEER IN ORDER TO EXTEND THE PAVEMENT LIFE TO LAST THE DURATION OF THE PROJECT. THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY FOR THIS PURPOSE:

ITEM 253 - PAVEMENT REPAIR 1000 SY



SHORT TERM CLOSURE OF MULTI-LANE DIVIDED HIGHWAY

TRAFFIC SCD MT-99.60 SHALL BE USED TO CLOSE (TRAFFIC SLOWED TO 25 MPH OR LESS) MULTI-LANE DIVIDED HIGHWAYS FOR A MAXIMUM OF 15 MINUTES TO PERFORM OPERATIONS SUCH AS INSTALLING A TRUSS SUPPORT ACROSS THE TRAVEL LANES AND SETTING BEAMS FOR BRIDGES OVER I-70, SR 256, AND PALMER ROAD.

IT IS ANTICIPATED A SHORT TERM MULTI-LANE CLOSURE WILL OCCUR ALONG IR-70 FOR THE INSTALLATIONS OF SIGN TRUSSES IN THE FOLLOWING LOCATIONS:
IR 70 EB AT STA. 36+66±
IR 70 EB AT STA. 49+75±
IR 70 WB AT STA. 77+22±
IR 70 EB AT STA. 82+00±
IR 70 EB AT STA. 99+20±
IR 70 WB AT STA. 128+35±

THE CONTRACTOR SHALL BE ALLOWED TO SET AND REMOVE BEAMS FOR THE TAYLOR ROAD BRIDGE OVER IR-70, IR-70 BRIDGE OVER SR 256 ,AND THE IR-70 BRIDGE OVER PALMER ROAD BETWEEN MIDNIGHT AND 5AM. A DISINCENTIVE SHALL BE ASSSESSED IN THE AMOUNT OF $100 PER MINUTE FOR EACH MINUTE ANY LANE REMAINS CLOSED FOR BEAM INSTALLATIONS OR TRUSS INSTALLATIONS.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0106 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL HAVE THE ABILITY TO PERFORM ANY WORK CONCURRENTLY THAT WILL NOT AFFECT THE MAINLINE OR MAINLINE RAMPS AT ANY TIME UNLESS OTHERWISE STATED IN THE NOTES.

ALL RAMPS SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.

THREE LANES ON IR 70 IN EACH DIRECTION SHALL BE MAINTAINED WEST OF SR 256 AND TWO LANES IN EACH DIRECTION SHALL BE MAINTAINED EAST OF SR 256 UNLESS OTHERWISE NOTED.

PHASE 1

PHASE 1 CONSTRUCTION CONSISTS OF THE OFFLINE WORK ASSOCIATED WITH THE PROPOSED INTERCHANGE AT TAYLOR RD. THIS INCLUDES THE CONSTRUCTION OF THE MAJORITY OF THE CD ROAD BETWEEN THE SR 256 INTERCHANGE AND THE PROPOSED TAYLOR ROAD INTERCHANGE. THE WORK ALSO INCLUDES THE INSIDE WIDENING OF THE EASTBOUND IR 70 BRIDGE OVER PALMER ROAD, PALMER ROAD LOWERING AND IMPROVEMENTS, THE RECONSTRUCTION OF THE TRAFFIC SIGNALS AT THE SR 256 RAMP INTERSECTIONS AND THE TAYLOR ROAD AND SR 204 INTERSECTION IMPROVEMENTS.

TEMPORARY PAVEMENT SHALL BE PLACED AT THE END OF THE CD ROAD AND ON THE WESTBOUND SR 256 RAMP B FOR USE IN PHASE 2. A SHOULDER CLOSURE SHALL BE USED TO COMPLETE THIS WORK.

THE WORK ZONE WILL BEGIN JUST EAST OF THE SR 256 INTERCHANGE. TWO 11' LANES WILL BE MAINTAINED IN EACH DIRECTION ON IR 70 WITH AN EASTBOUND AUXILIARY LANE. THE OUTSIDE SHOULDER WILL BE CLOSED FOR CONSTRUCTION IN BOTH DIRECTIONS. RAMP G TO TAYLOR ROAD SHALL BE CONSTRUCTED PART-WIDTH (TO MAINTAIN ACCESS) OR LIMITED TO A WEEKEND CLOSURE FOR THE TRANSITION TO THE NEW TAYLOR ROAD INTERCHANGE. DETOUR SHALL FOLLOW THE PHASE 4 DETOUR FOR THIS RAMP.

A SINGLE LANE CROSSOVER WILL BE USED OVER PALMER ROAD TO MAINTAIN TWO LANES FOR IR 70 EASTBOUND DURING THE PALMER ROAD BRIDGE CONSTRUCTION. THE EASTBOUND CROSSOVER LANE OVER THE WESTBOUND BRIDGE AT PALMER ROAD IS REDUCED TO 10.5' WITH 1' BARRIER OFFSETS TO ACCOMMODATE THE CROSSOVER. A 1' BARRIER OFFSET FOR THE INSIDE WESTBOUND LANE WILL ALSO BE USED FOR THE CROSSOVER OVER THE BRIDGE. 2' BARRIER OFFSETS SHALL BE USED FOR ALL OTHER AREAS IN PHASE 1.

PHASE 1A

TAYLOR ROAD (SOUTH OF I-70)

ONE 10' LANE WILL BE MAINTAINED IN ONLY THE SB DIRECTION WHILE WORK IS PERFORMED IN THE CENTER AND EAST HALF OF TAYLOR ROAD TO CONSTRUCT THE STORM TRUNK LINE. HAFF FARM RD SHALL BE MAINTAINED VIA THE DETOUR ROUTE SHOWN ON SHEET P.0266.

SR 204 (BLACKLICK-EASTERN ROAD NW)

ONE 11' LANE SHALL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE NORTHERN PORTION OF SR 204. TEMPORARY PAVEMENT SHALL BE PLACED ON THE SOUTH SIDE OF SR 204 TO FACILITATE THE SHIFT SOUTH. PAVEMENT TO BE PLACED PRIOR TO PHASE 1 WORK.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE AND TEMPORARY PAVEMENT BUILT IN THE PRE-PHASE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE NORTH SIDE OF PALMER ROAD.

SEQUENCE OF CONSTRUCTION (CONTINUED)

PHASE 1B

TAYLOR ROAD (SOUTH OF I-70)

ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE EAST HALF OF TAYLOR ROAD. ACCESS TO HAAF FARM DR SHALL BE MAINTAINED DURING THIS PHASE.

TAYLOR ROAD (NORTH OF I-70)

ONE 11' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE EAST HALF OF TAYLOR ROAD. TEMPORARY PAVEMENT CONSTRUCTED PRIOR TO THIS PHASE ON THE WEST SIDE TAYLOR ROAD SHALL BE USED TO MAINTAIN TRAFFIC.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE AND TEMPORARY PAVEMENT CONSTRUCTED IN PHASE 1A WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE SOUTH SIDE OF PALMER ROAD.

SR 204 (BLACKLICK-EASTERN ROAD NW)

ONE 11' LANE SHALL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE NORTHERN PORTION OF SR 204.

PHASE 1C

TAYLOR ROAD (SOUTH OF I-70)

ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE EAST HALF OF TAYLOR ROAD. HAFF FARM RD SHALL BE MAINTAINED VIA THE DETOUR ROUTE SHOWN ON SHEET P.0266.

TAYLOR ROAD (NORTH OF I-70)

ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE WEST HALF OF TAYLOR ROAD. PROPOSED PAVEMENT ON THE EAST OF TAYLOR ROAD CONSTRUCTED IN PHASE 1B SHALL BE USED TO MAINTAIN TRAFFIC.

SR 204 (BLACKLICK-EASTERN ROAD NW)

ONE 11' LANE SHALL BE MAINTAINED IN EACH DIRECTION WHILE WORK IS PERFORMED ON THE SOUTHERN PORTION OF SR 204 AND BOTH SIDES OF WELLESLEY DRIVE. ONE 10' LANE WILL BE MAINTAINED IN EACH DIRECTION ON WELLESLEY DRIVE.

PHASE 2

PHASE 2 CONSTRUCTION CONSISTS OF THE IR 70 EASTBOUND WIDENING FROM THE BEGINNING OF THE PROJECT TO JUST EAST OF THE SR 256 INTERCHANGE. THE EASTBOUND BRIDGE RECONSTRUCTION OVER PALMER ROAD SHALL ALSO BE COMPLETED DURING THIS PHASE. PHASE 2 BEGINS THE PART-WIDTH CONSTRUCTION OF THE EASTBOUND IR 70 BRIDGES OVER BLACKLICK CREEK AND SR 256. TAYLOR ROAD INTERCHANGE TO REMAIN CLOSED DURING PHASE 2 EXCEPT FOR USE AS A DETOUR ROUTE.

IR 70 TRAFFIC ON THE EASTBOUND BRIDGE OVER PALMER ROAD SHALL BE SHIFTED TO THE BRIDGE PORTION CONSTRUCTED IN PHASE 1. TWO 11' LANES WITH 2' BARRIER OFFSETS WILL BE MAINTAINED OVER THE BRIDGE.

RAMP D CLOSURE

THE DETOUR FOR RAMP D IS TO CONTINUE ALONG IR 70 TO THE NEW TAYLOR ROAD INTERCHANGE AND TAKE THE EXIT TO TAYLOR ROAD. TAKE TAYLOR ROAD TO THE IR 70 WEST ENTRANCE RAMP. USE THE NEW CD ROAD TO GET BACK TO SR 256. TEMPORARY PAVEMENT AND AN ADDITIONAL RIGHT TURN LANE WILL BE NEEDED AT THE END OF THE DETOUR AT THE SR 256 EXIT. SEE SHEET P.0260 FOR DETOUR PLAN.

RAMP C CLOSURE

THE DETOUR FOR RAMP C ON RAMP WILL BE TO TAKE SR 204 TO TAYLOR ROAD AND USE THE ON RAMP AT THE NEW INTERCHANGE TO GET TO IR 70 EAST. THE RAMP C CLOSURE WILL TAKE PLACE AT THE END OF PHASE 2. SEE SHEET P.0261 FOR DETOUR PLAN.

SEQUENCE OF CONSTRUCTION (CONTINUED)

PHASE 2A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD ARE FULLY COMPLETE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE SOUTHWEST SIDE OF THE PALMER ROAD BRIDGE.

PHASE 2B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES IN THE WESTBOUND DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD ARE FULLY COMPLETE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE SOUTHEAST SIDE OF THE PALMER ROAD BRIDGE.

PHASE 3

PHASE 3 CONSTRUCTION CONSISTS OF THE INSIDE SHOULDER WORK ALONG IR 70 EAST AND THE COMPLETION OF THE BRIDGE CONSTRUCTION FOR THE BLACKLICK CREEK AND SR 256 BRIDGES. TAYLOR ROAD INTERCHANGE WILL BE FULLY OPEN IN THIS PHASE.

THREE 11' LANES WILL BE MAINTAINED ON IR 70 EAST UNTIL THE DROP AT RAMP D. TWO 11' LANES SHALL BE MAINTAINED CONTINUING EAST THE SAME AS IN PHASES 1 AND 2. ENTRANCE RAMP C SHALL REMAIN CLOSED FOR THE DURATION OF PHASE 3 AND USE THE SAME DETOUR SHOWN IN PHASE 2.

PHASE 3A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES IN THE WESTBOUND DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD ARE FULLY COMPLETE.

PHASE 3B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. NO CLOSURES SHALL TAKE PLACE UNTIL THE INTERCHANGE AND TAYLOR ROAD ARE FULLY COMPLETE.

PHASE 4

PHASE 4 CONSTRUCTION CONSISTS OF ALL OF THE WESTBOUND CONSTRUCTION. RAMP B WILL BE CLOSED AND DETOURED AND RAMP A WILL BE CONSTRUCTED PART-WIDTH SO AT LEAST ONE LANE REMAINS OPEN AS AN ENTRANCE RAMP TO IR 70 WEST. BOTH THE BLACKLICK CREEK AND SR 256 WESTBOUND BRIDGES WILL BE CONSTRUCTED PART-WIDTH LEAVING ONE LANE OPEN FOR THE WESTBOUND CD ROAD TRAFFIC. THE WESTBOUND PALMER ROAD BRIDGE WILL BE CONSTRUCTED COMPLETELY OFFLINE.

SEQUENCE OF CONSTRUCTION (CONTINUED)

TWO 11' LANES ON IR 70 WILL BE MAINTAINED IN EACH DIRECTION. A TWO LANE CROSSOVER WILL BE USED FOR IR 70 WESTBOUND TO DIVERT THE MAJORITY OF IR 70 WESTBOUND TRAFFIC TO THE COMPLETED EASTBOUND SIDE. ONE WESTBOUND LANE WILL REMAIN OPEN FOR THE CD ROAD TRAFFIC FROM TAYLOR AND AN ADDITIONAL LANE WILL OPEN UP FOR THE ENTRANCE RAMP A FROM SR 256. AFTER TRAFFIC IS CROSSED OVER, A SINGLE LANE CROSSOVER WILL BE USED FOR DRIVERS TO USE THE EXIT RAMP AT TAYLOR ROAD. TWO 11' LANES WILL BE MAINTAINED FOR EASTBOUND IR 70 AND TWO 12' LANES WILL BE MAINTAIINED FOR WESTBOUND IR 70 OVER THE EASTBOUND PALMER ROAD BRIDGE.

FOUR DETOUR ROUTES WILL BE USED.

THE DETOUR WHEN RAMP B IS CLOSED WILL BEGIN AT THE NEW TAYLOR ROAD INTERCHANGE. WESTBOUND TRAFFIC WILL TAKE THE EXIT RAMP TO TAYLOR ROAD THE FOLLOW THE DETOUR TO TAYLOR ROAD SOUTHWEST. THE DETOUR ENDS AT THE SR 256 AND TAYLOR ROAD SOUTHWEST INTERSECTION.

DURING THE PART-WIDTH CONSTRUCTION OF RAMP A, USE OF THE RAMP WILL BE RESTRICTED TO SR 256 EASTBOUND TRAFFIC ONLY. SR 256 WESTBOUND TRAFFIC WILL BE DETOURED TO THE RAMP C ENTRANCE RAMP WHERE THEY WILL USE THE NEW TAYLOR ROAD INTERCHANGE AND THE ENTRANCE RAMP TO THE NEW WESTBOUND CD ROAD TO REACH IR 70 WEST. DURING THIS DETOUR, EASTBOUND TRAFFIC WILL NOT BE PERMITTED TO USE THE EXIT AT TAYLOR ROAD. DRIVERS WANTING TO EXIT AT TAYLOR ROAD WILL BE DIVERTED TO THE SR 256 EXIT WHERE THEY WILL USE SR 256 TO SR 204 TO REACH TAYLOR ROAD.

ALL EASTBOUND CD ROAD TRAFFIC WANTING TO REACH IR 70 EAST WILL USE THE TAYLOR ROAD EXIT THEN CONTINUE ON TO THE TAYLOR ROAD IR 70 ENTRANCE RAMP TO REACH IR 70 EAST.

TWO LANES OVER THE BLACKLICK CREEK BRIDGE WILL NEED TO REMAIN OPEN FOR THE CD ROAD TRAFFIC AND RAMP A TRAFFIC. THE WESTBOUND BRIDGE OVER BLACKLICK CREEK WILL BE WIDENED TO ACCOMMODATE THE RAMP A LANE TO REMAIN OPEN. THIS WIDENING CAN TAKE PLACE AT ANY TIME BEFORE OR DURING PHASE 4. PHASE 4 WILL BE SPLIT INTO SUB PHASES TO SHOW THE PART-WIDTH CONSTRUCTION.

PHASE 4A

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE PIER WORK ON THE INSIDE SHOULDER, TWO LANES WILL BE MAINTAINED IN EACH DIRECTION UNDER THE BRIDGE. THE IR 70 WESTBOUND ENTRANCE RAMP BE CLOSED TO SR 256 WESTBOUND TRAFFIC

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE EASTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE EAST SIDE OF THE WESTBOUND PALMER ROAD BRIDGE.

PHASE 4B

SR 256

A SHORT-TERM LANE CLOSURE ON SR 256 IS NEEDED TO COMPLETE THE BRIDGE WIDENING. FOR THE WORK ON THE OUTSIDE, TWO LANES WILL BE MAINTAINED IN THE EASTBOUND DIRECTION AND THREE LANES WESTBOUND DIRECTION UNDER THE BRIDGE.

PALMER ROAD

ONE 11' LANE SHALL BE MAINTAINED FOR BOTH DIRECTIONS ON PALMER ROAD. ALL TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANE WITH THE USE OF A TEMPORARY SIGNAL PER MT-96.11. WORK SHALL BE PERFORMED ON THE WEST SIDE OF THE WESTBOUND PALMER ROAD BRIDGE.

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY
GANNETT FLEMING

DESIGNER BRO
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0107 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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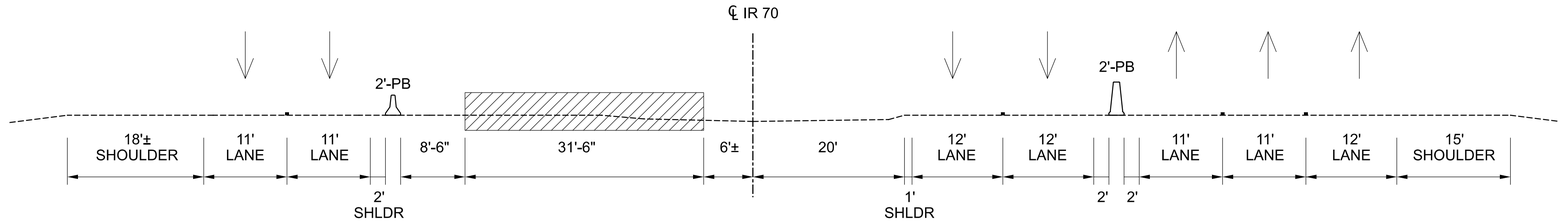

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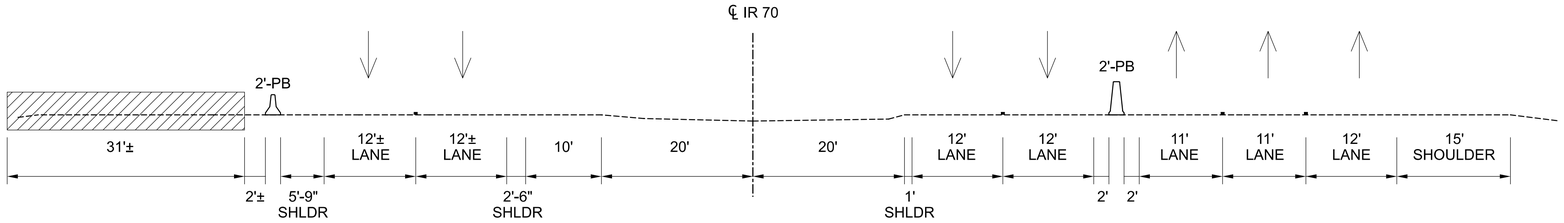

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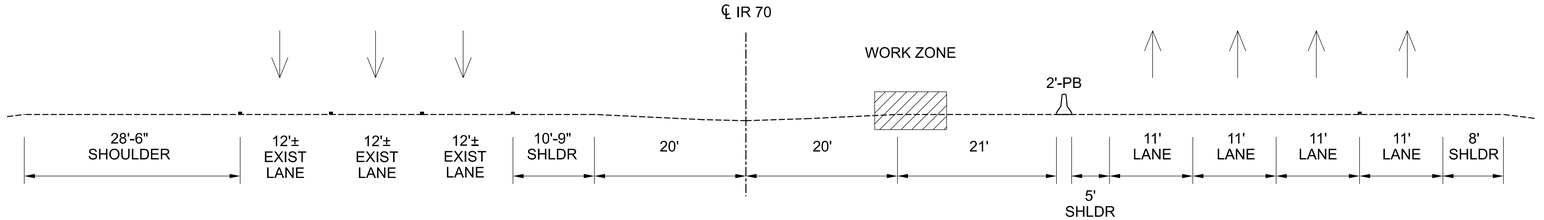

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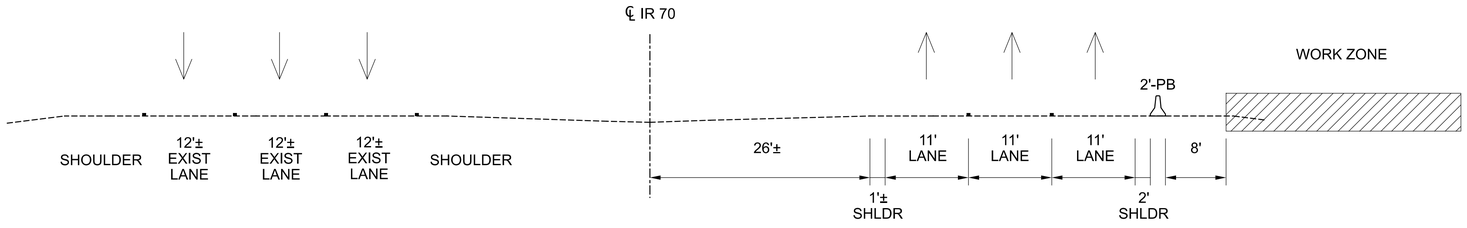

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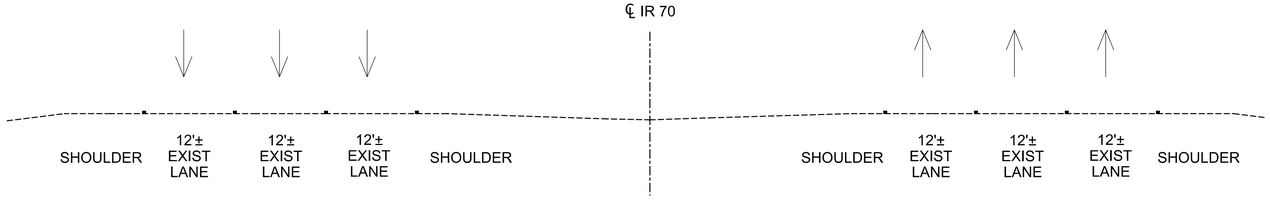

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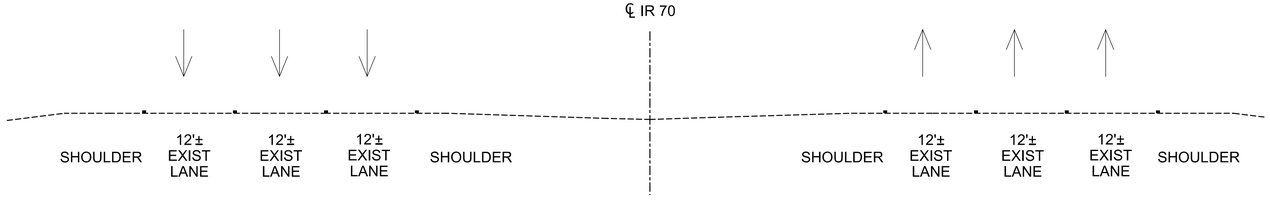

EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 27+00 SECTION A-A

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0108 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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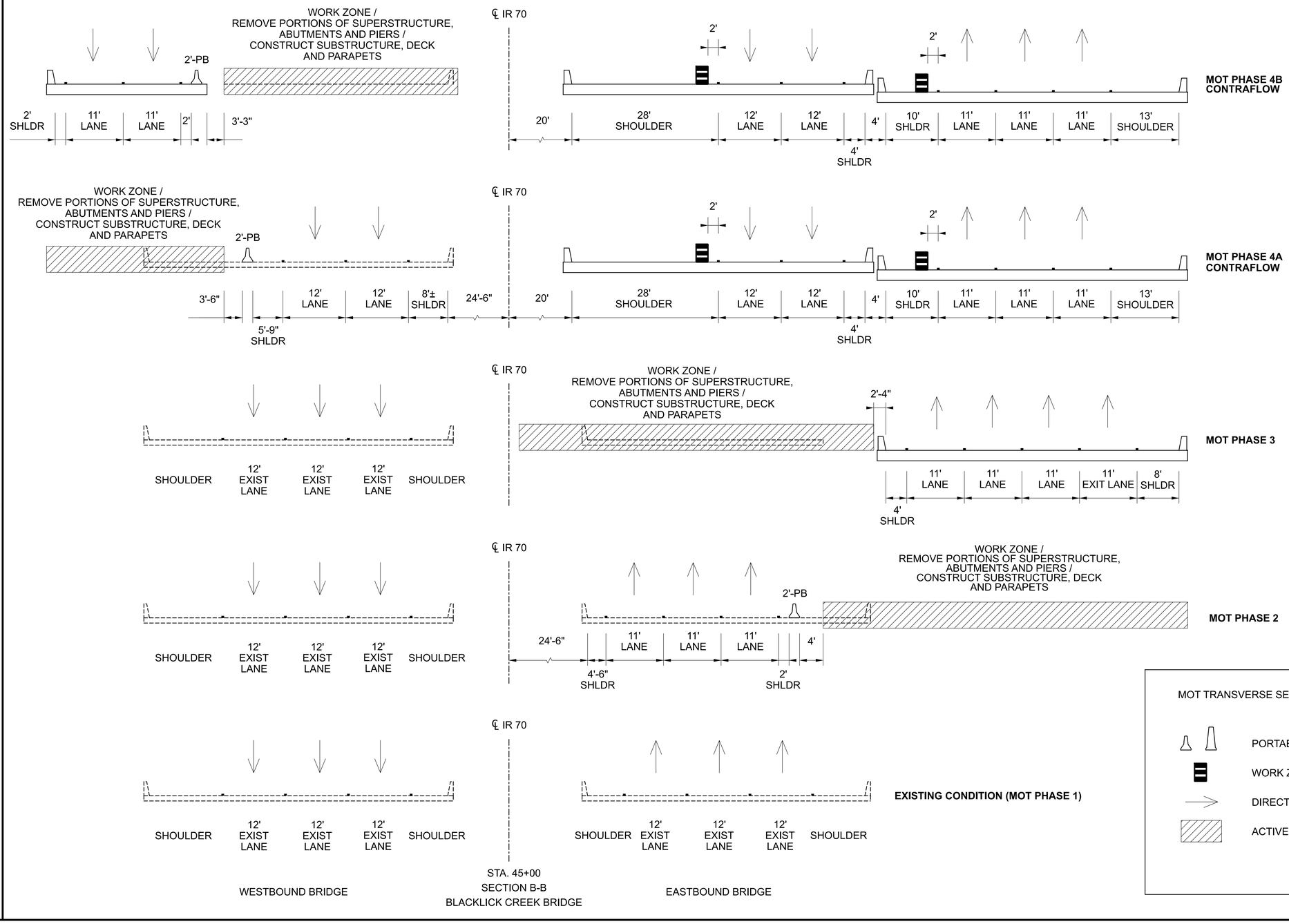

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 45+00 SECTION B-B

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0109 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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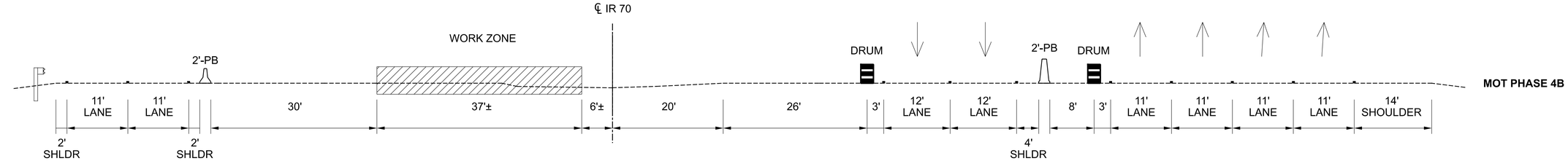

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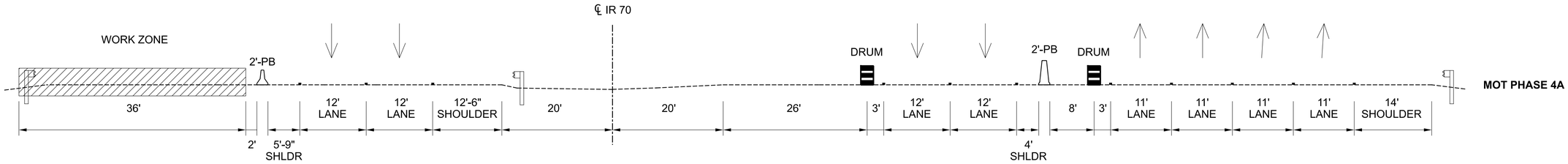

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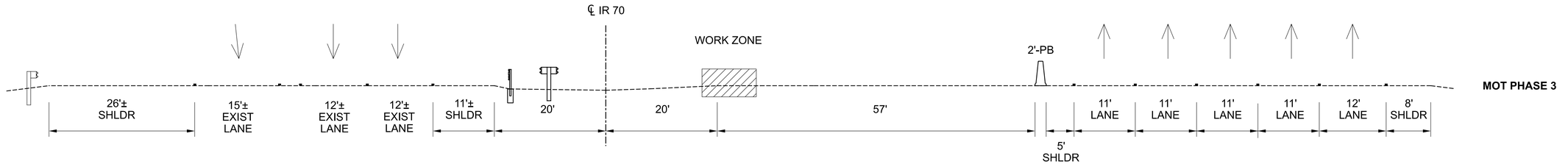

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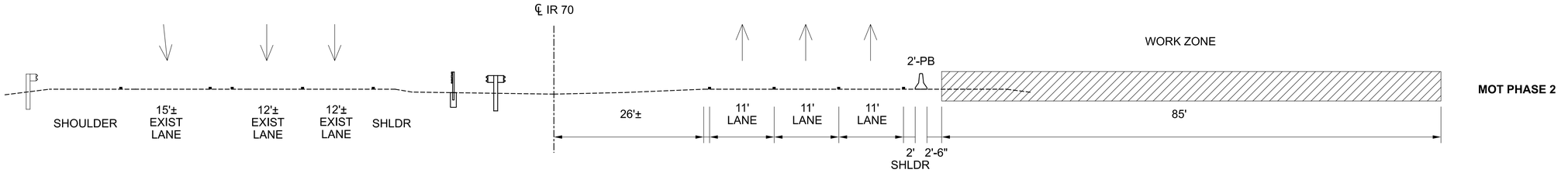

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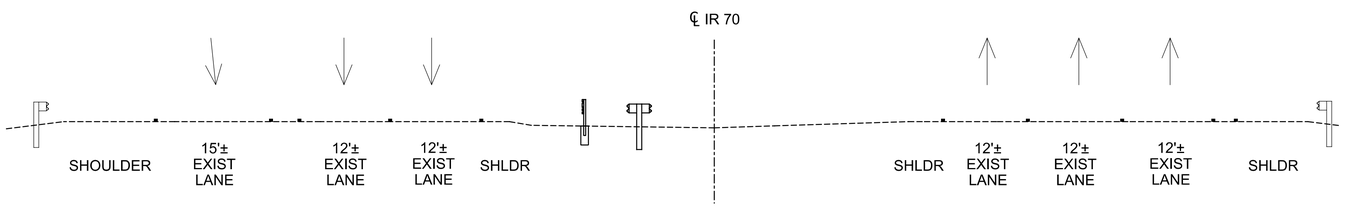

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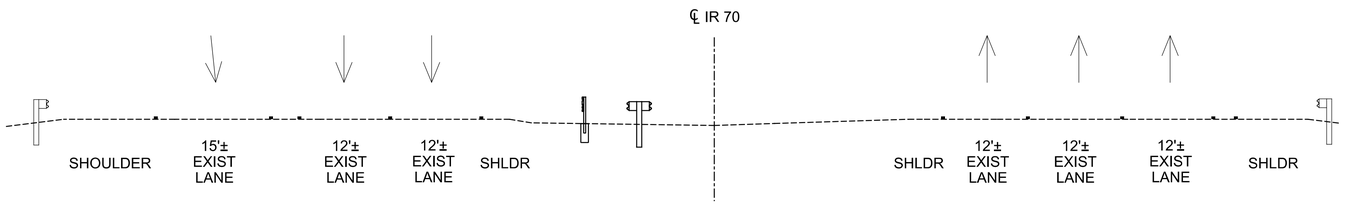

EXISTING CONDITION

WESTBOUND

STA. 47+00
SECTION C-C
IR 70

EASTBOUND

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 47+00 SECTION C-C

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TS

REVIEWER DRJ 08/07/26

PROJECT ID 96808

SHEET P.0110 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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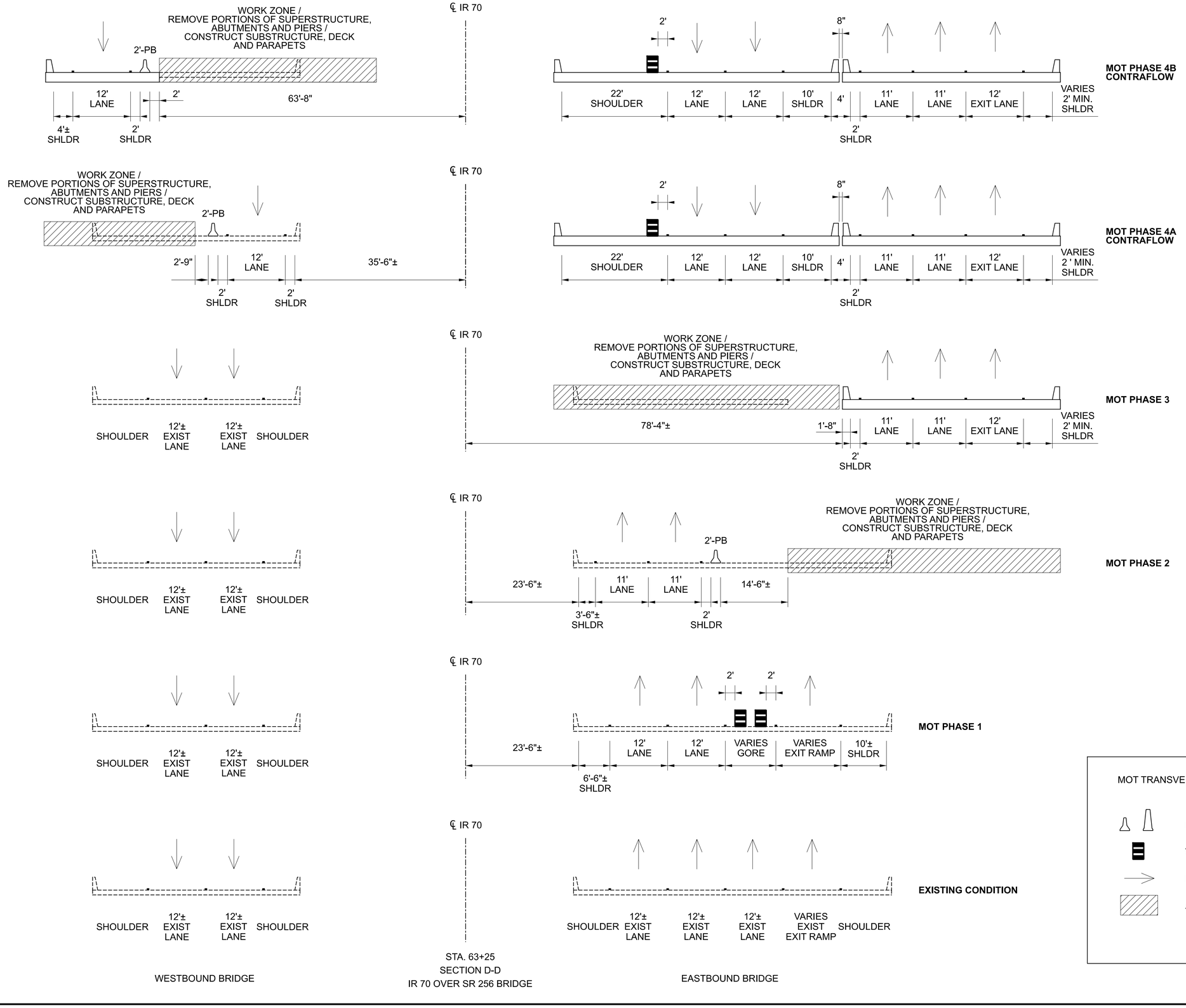

WESTBOUND BRIDGE

STA. 63+25
SECTION D-D
IR 70 OVER SR 256 BRIDGE

EASTBOUND BRIDGE

MAINTENANCE OF TRAFFIC IR-70 TYPICAL SECTIONS STA. 63+25 SECTION D-D

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0111 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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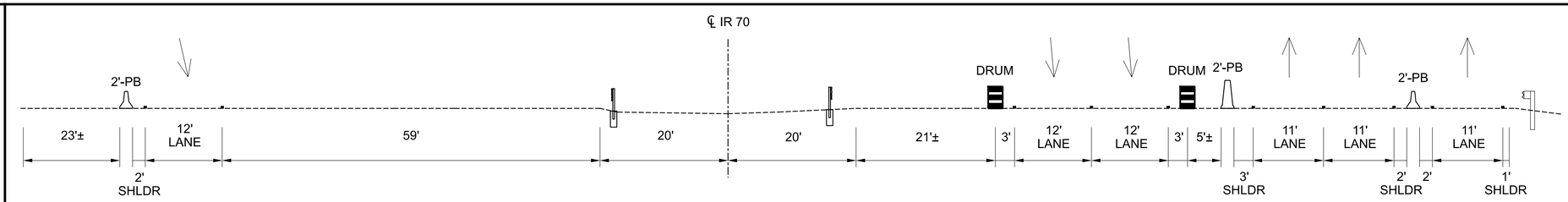

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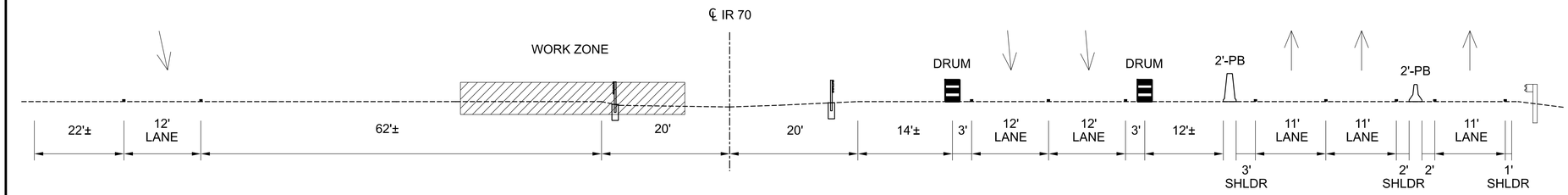

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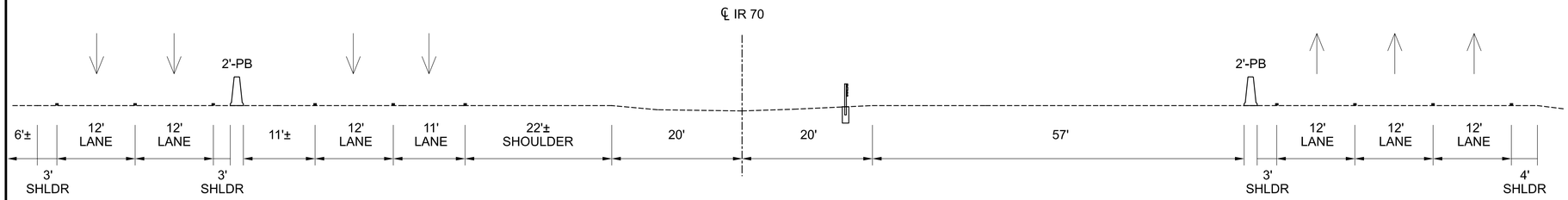

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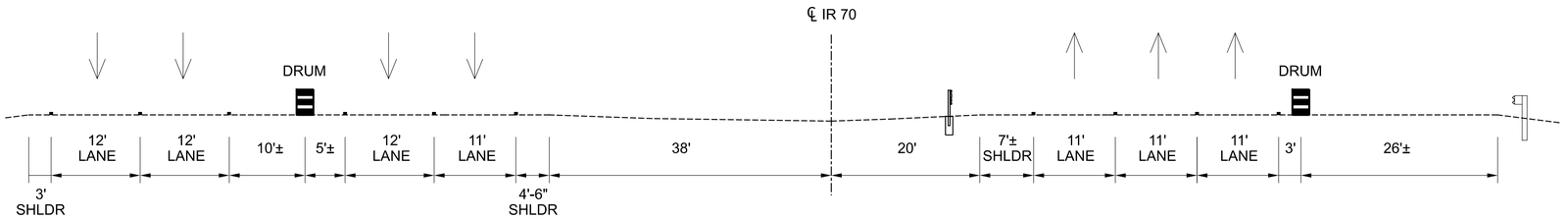

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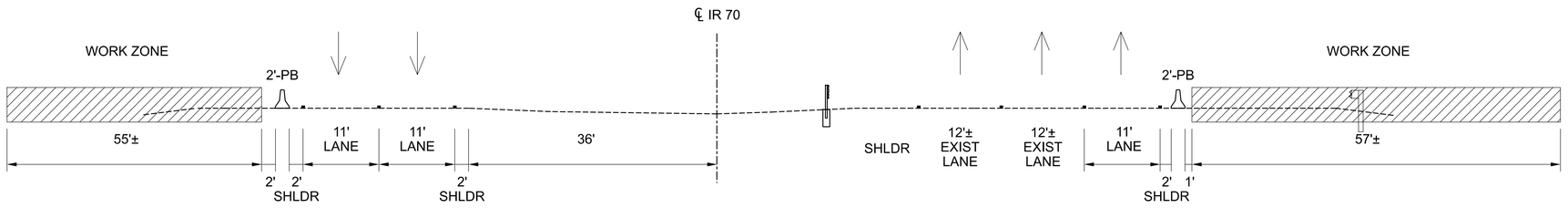

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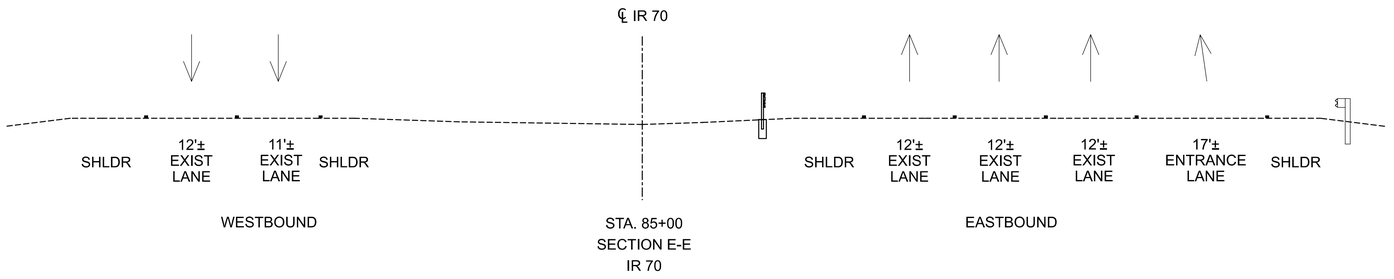

EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 85+00 SECTION E-E

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TCW

REVIEWER: DRJ 08/07/26

PROJECT ID: 96808

SHEET: P.0112 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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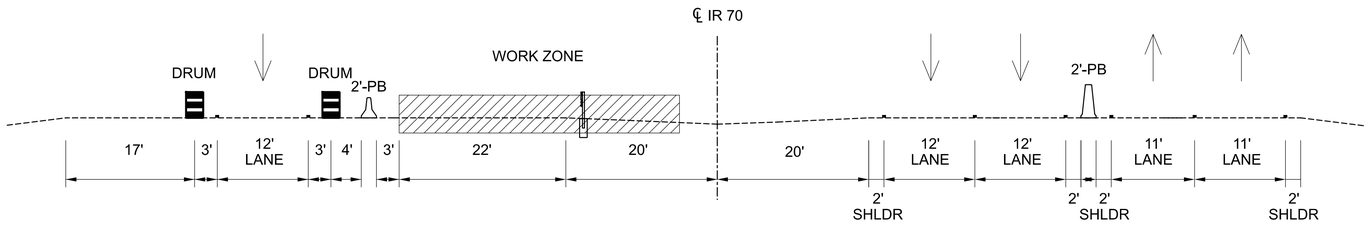

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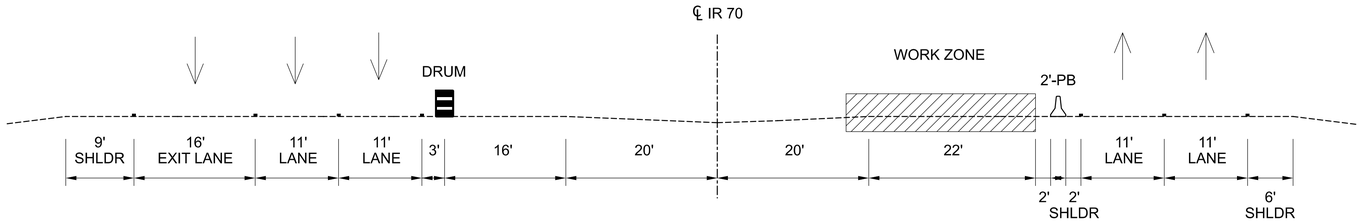

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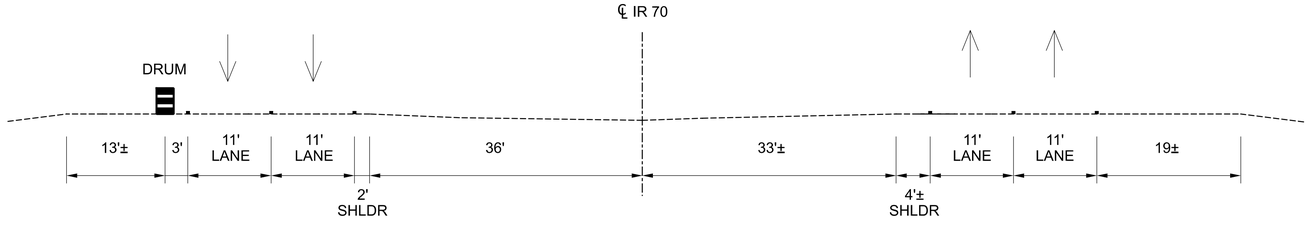

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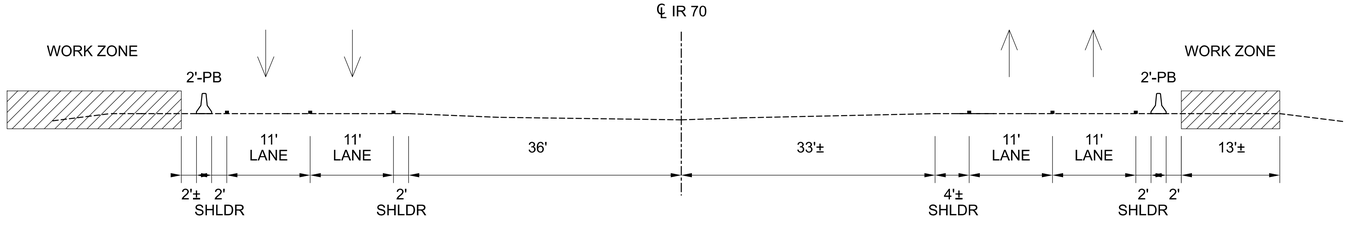

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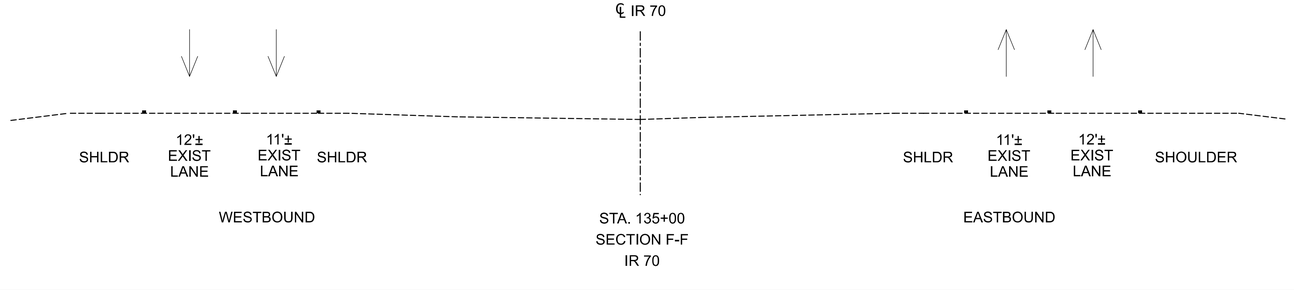

EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 135+00 SECTION F-F

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0113 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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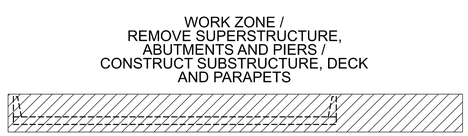
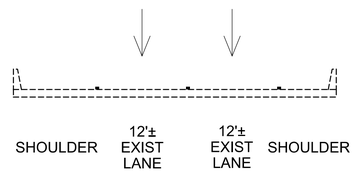
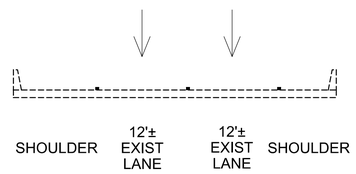
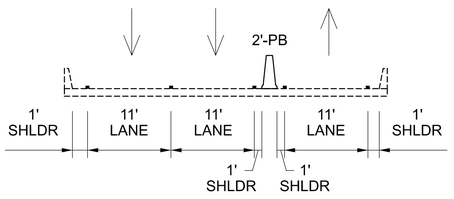
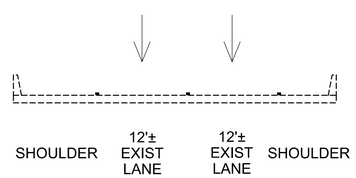


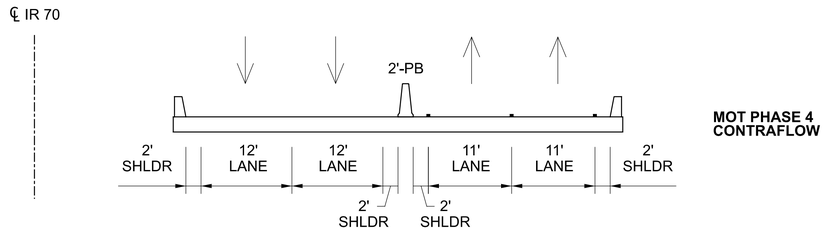


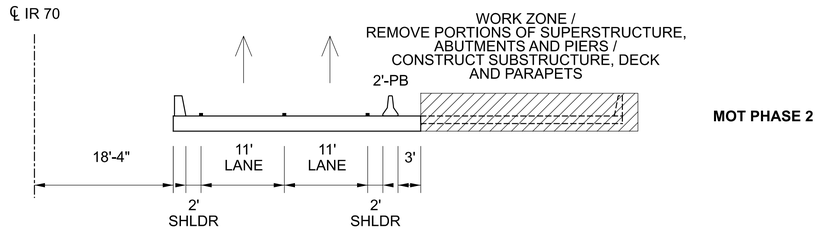


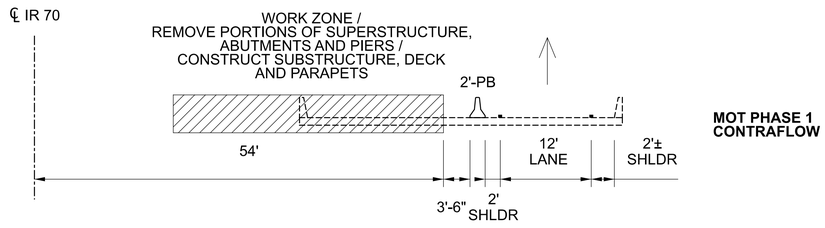


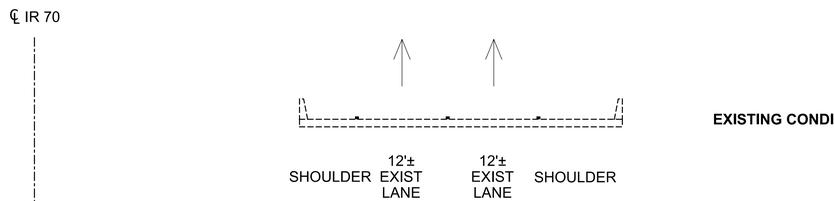


WESTBOUND BRIDGE









STA. 165+00
SECTION G-G
IR 70 OVER PALMER RD BRIDGE

EASTBOUND BRIDGE

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
IR-70 TYPICAL SECTIONS
STA. 165+00 SECTION G-G

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0114 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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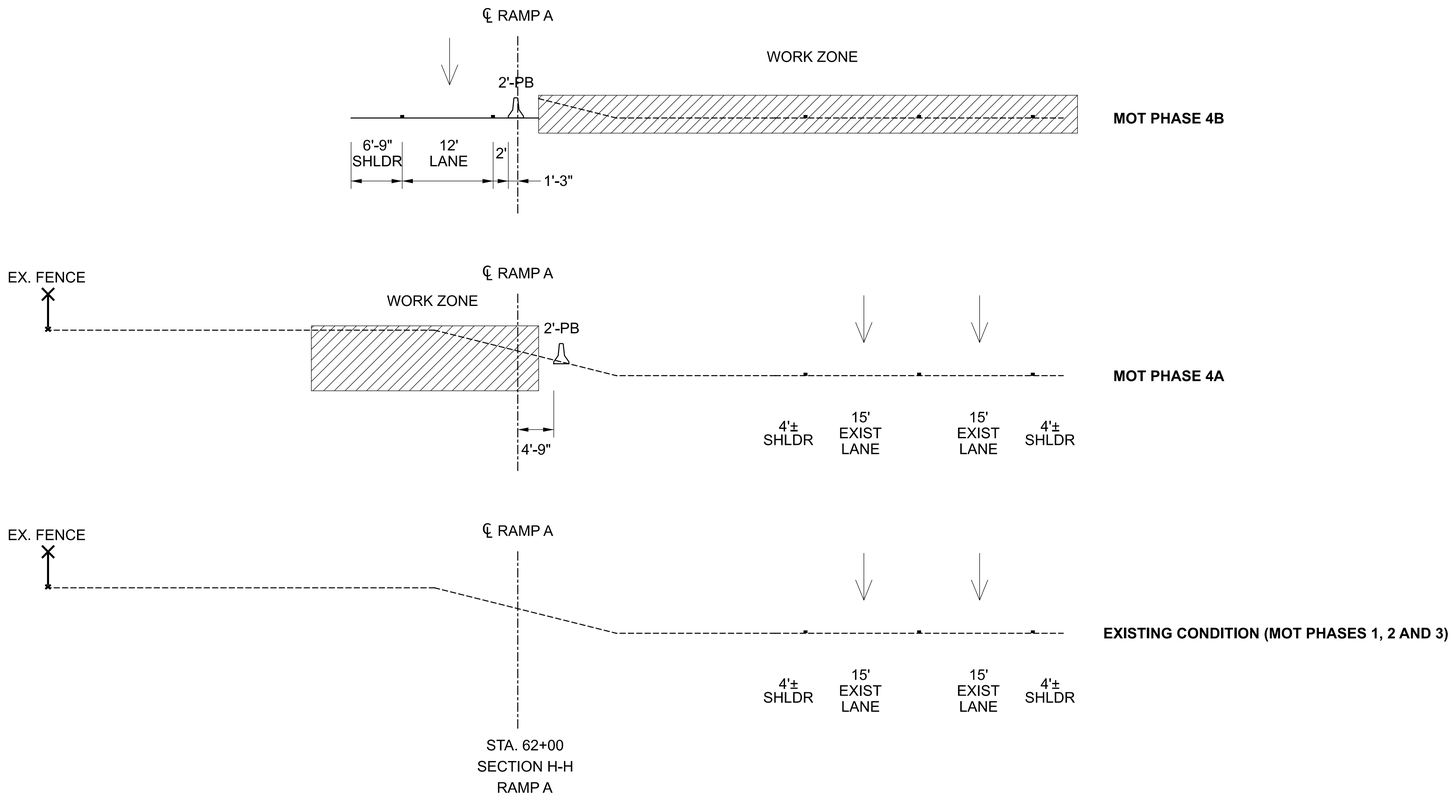


MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
RAMP A TYPICAL SECTIONS
STA. 62+00 SECTION H-H

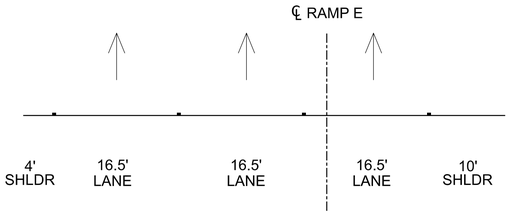
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

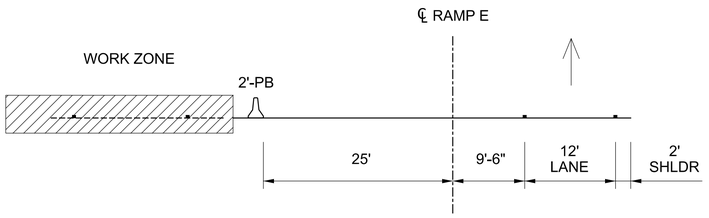
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

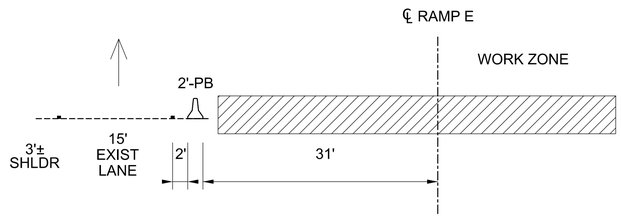
SHEET P.0115 TOTAL P.2024



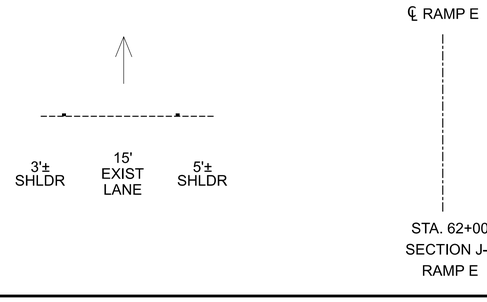
MOT PHASES 3, 4A AND 4B



MOT PHASE 2 STAGE 2



MOT PHASE 2 STAGE 1



EXISTING CONDITION (MOT PHASE 1)

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
RAMP E TYPICAL SECTIONS
STA. 62+00 SECTION J-J

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0116 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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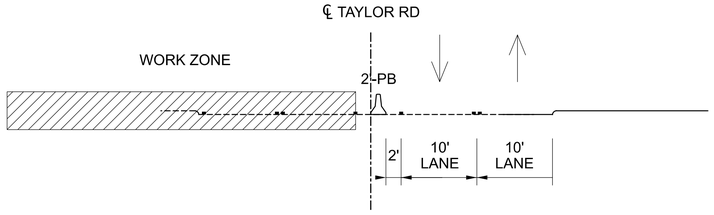
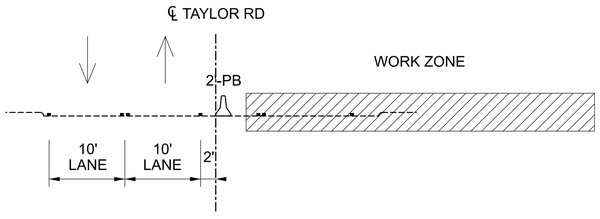
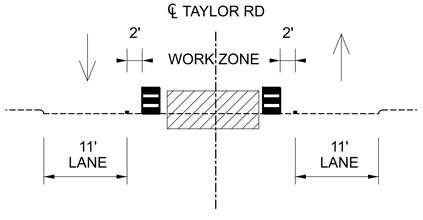


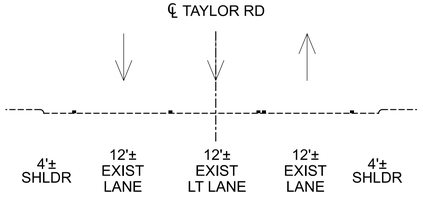
MOT PHASE 1C



MOT PHASE 1B



MOT PHASE 1A



STA. 19+50
SECTION A-A
TAYLOR RD

EXISTING CONDITION

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
TAYLOR ROAD TYPICAL SECTIONS
STA. 19+50 SECTION A-A

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0117 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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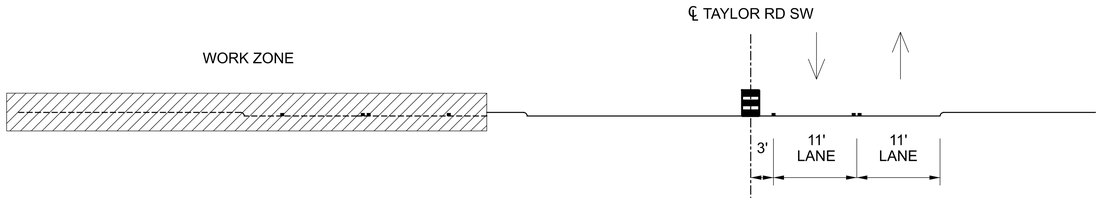
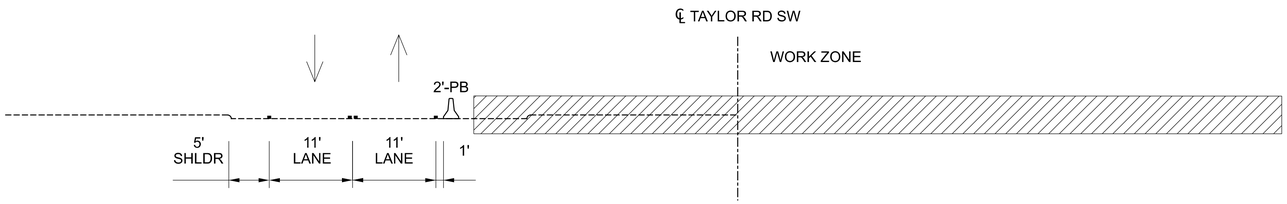
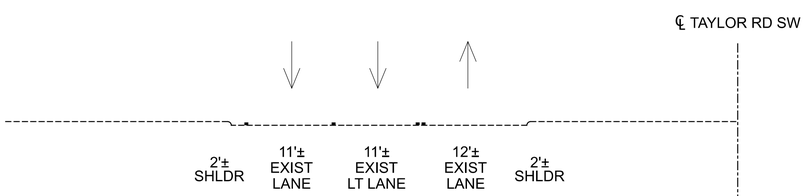


MOT PHASE 1C

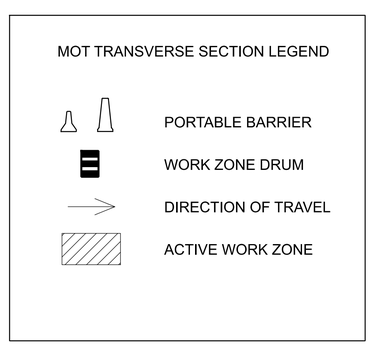


MOT PHASE 1B



EXISTING CONDITION (PHASE 1A)

STA. 53+00
SECTION B-B
TAYLOR ROAD SW



MAINTENANCE OF TRAFFIC
TAYLOR ROAD SW TYPICAL SECTIONS
STA. 53+00 SECTION B-B

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0118 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00
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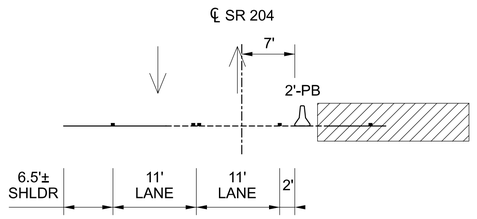
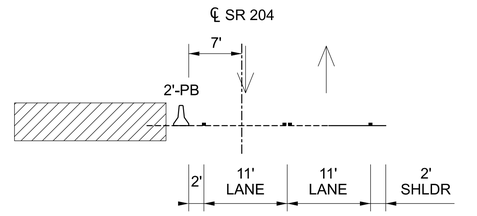
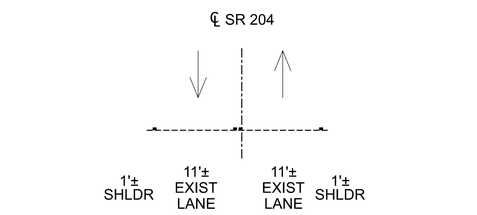


MOT PHASE 1C



MOT PHASE 1B



EXISTING CONDITION (PHASE 1A)

STA. 38+50
SECTION C-C
SR 204

MOT TRANSVERSE SECTION LEGEND

- PORTABLE BARRIER
- WORK ZONE DRUM
- DIRECTION OF TRAVEL
- ACTIVE WORK ZONE

MAINTENANCE OF TRAFFIC
SR-204 TYPICAL SECTIONS
STA. 38+50 SECTION C-C

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0119
TOTAL	P.2024

PAVEMENT MARKING LEGEND

WEW-XX	WORK ZONE EDGE LINE, CLASS I (WHITE)
WEY-XX	WORK ZONE EDGE LINE, CLASS I (YELLOW)
WLL-XX	WORK ZONE LANE LINE, CLASS I
WCH-XX	WORK ZONE CHANNELIZING LINE, CLASS I
WDL-XX	WORK ZONE DOTTED LINE, CLASS I
WDY-XX	WORK ZONE CENTERLINE, CLASS I (DOUBLE YELLOW)
WCV-XX	WORK ZONE GORE MARKING, CLASS II
WSL-XX	WORK ZONE STOP LINE, CLASS I
WZA-XX	WORK ZONE ARROW, CLASS I
PB-XX	PORTABLE BARRIER
WIA-XX	IMPACT ATTENUATOR
TP-XX	TEMPORARY PAVEMENT

SIGNING LEGEND

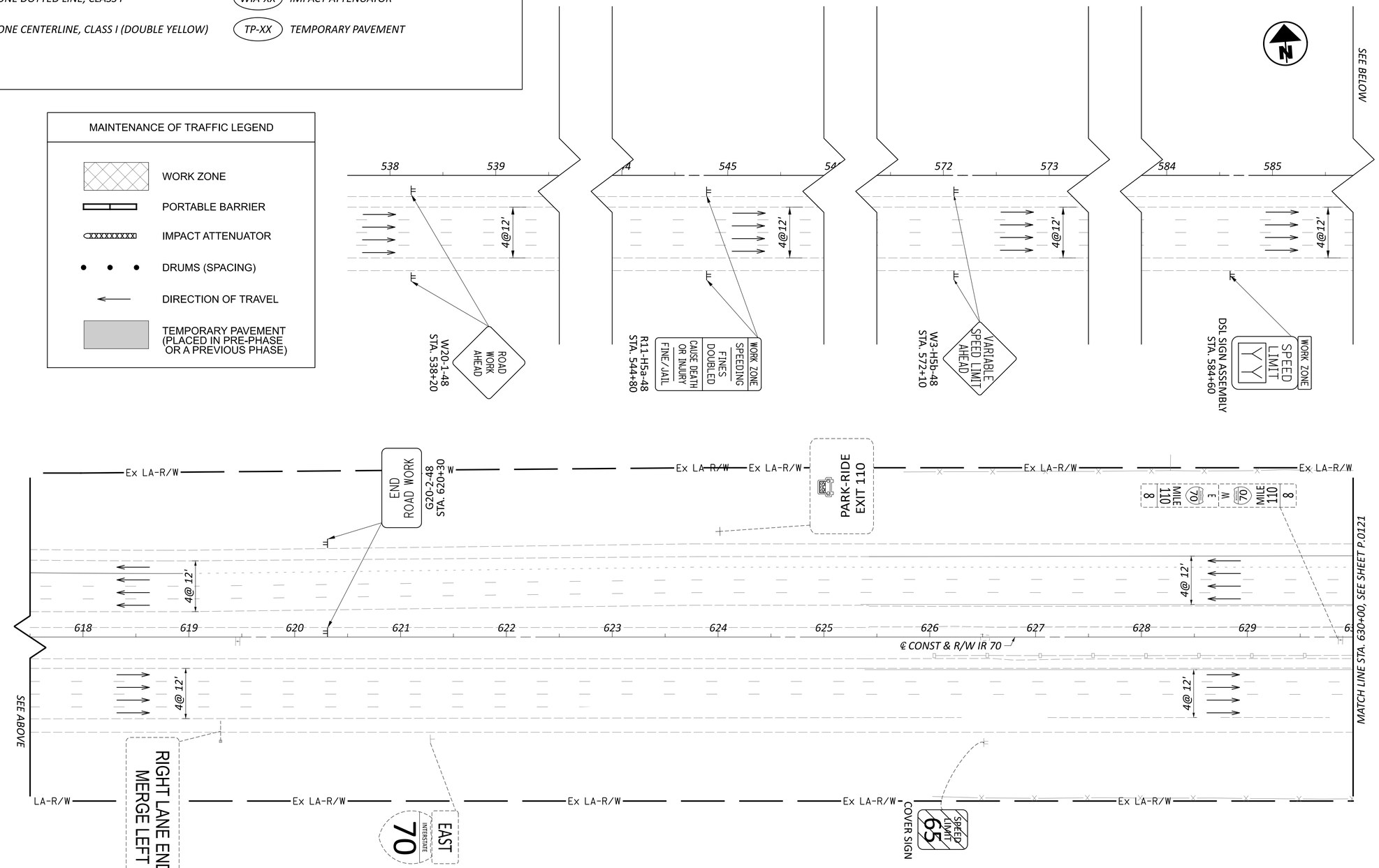
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- (R) EXISTING SIGN TO BE REMOVED AND RE-ERECTED
- PROPOSED SIGN

NOTES:

1. EXISTING TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE SCHEDULE (PLCS) AND PER SCD MT-95.30 DURING CONSTRUCTION OF PAVEMENT FOR MAINTAINING TRAFFIC.
2. MAINTAIN EXISTING STRIPING UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. FOR CROSSOVER CONSTRUCTION DETAILS, REFER TO SHEETS P.0202 , P.0213 , P.0225 & P.0238
5. FOR SEQUENCE OF CONSTRUCTION SEE SHEET P.0107

MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- PORTABLE BARRIER
- IMPACT ATTENUATOR
- DRUMS (SPACING)
- DIRECTION OF TRAVEL
- TEMPORARY PAVEMENT (PLACED IN PRE-PHASE OR A PREVIOUS PHASE)



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0120 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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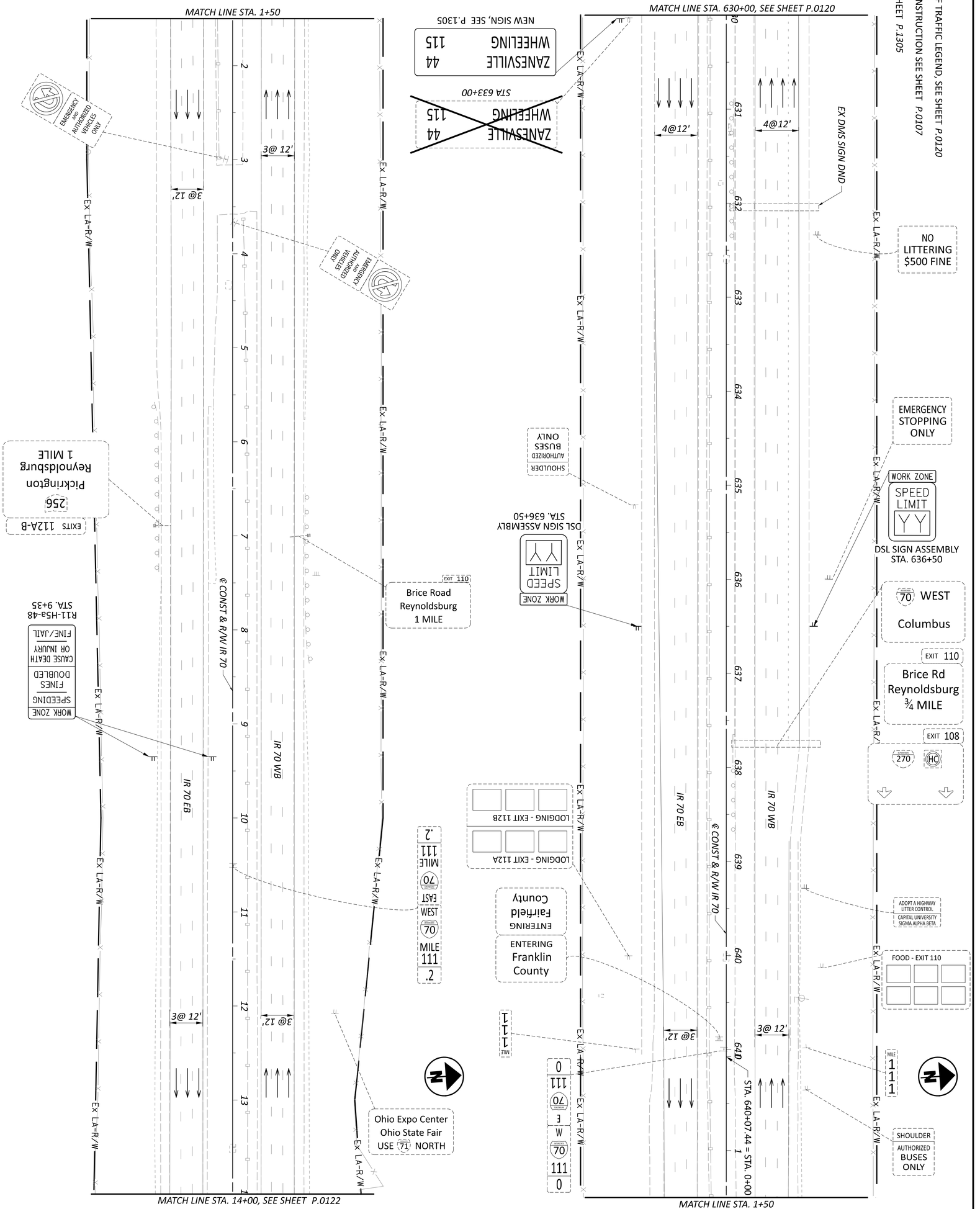
NOTES:
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEET *P.1305*



MAINTENANCE OF TRAFFIC - PHASE 1
STA. 630+00 TO STA. 14+00

SHEET	TOTAL
P.0121	P.2024

PROJECT ID: 96808
REVIEWER: DRJ 08/07/26
DESIGNER: TCW
DESIGN AGENCY: GANNETT FLEMING

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP103 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:47:52 PM USER: borr
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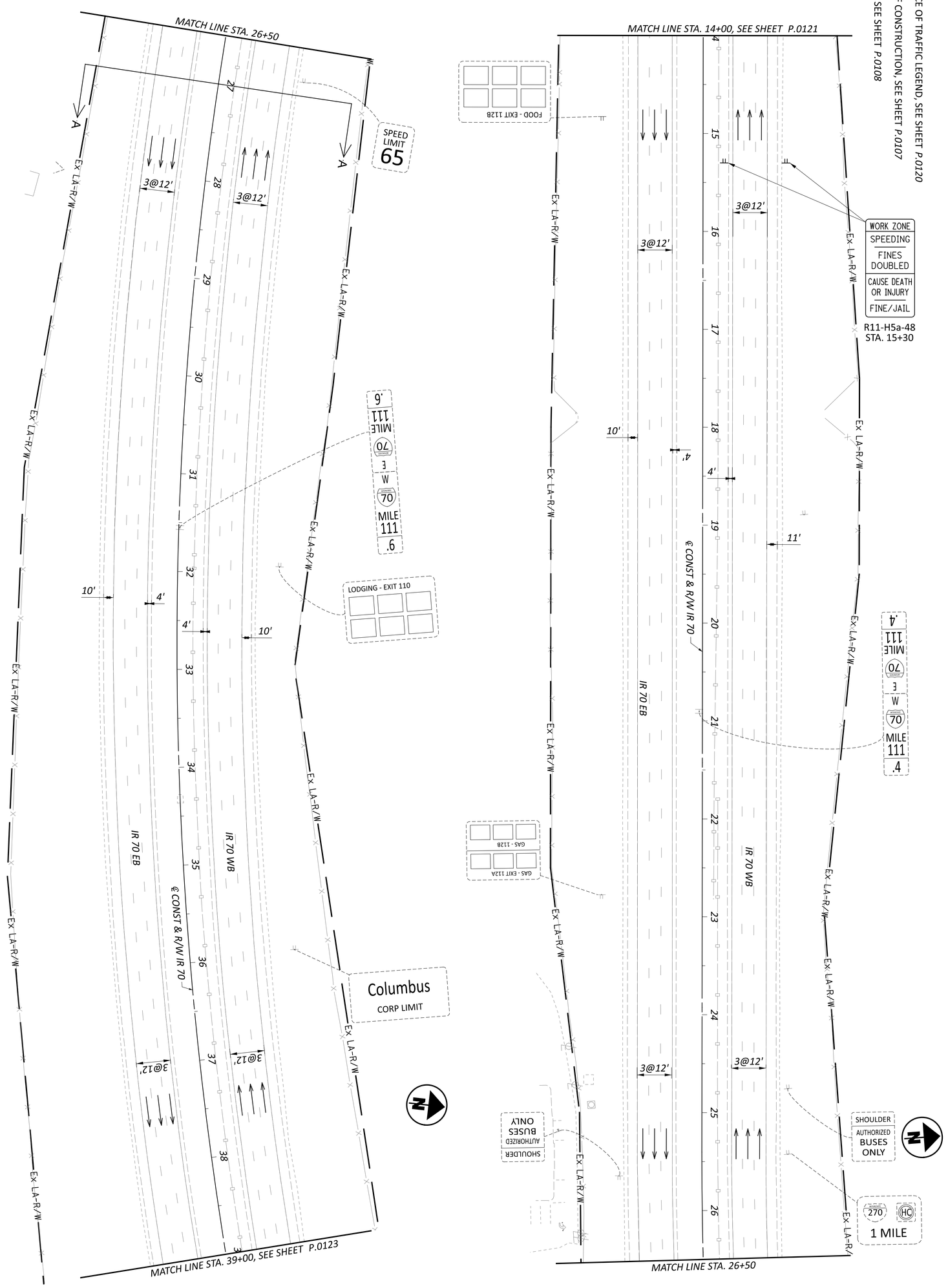
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR SECTION A-A, SEE SHEET P.0108



SHEET	TOTAL
P.0122	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 14+00 TO STA. 39+00

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP104 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:48:09 PM USER: borr
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SR 256 MOT PLANS SEE SHEET *P.0130*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*
4. FOR SECTION B-B, C-C, & D-D, SEE SHEETS *P.0109* , *P.0110* & *P.0111*

MATCH LINE STA. 51+50

MATCH LINE STA. 39+00, SEE SHEET P.0122

MATCH LINE STA. 64+00, SEE SHEET P.0124

MATCH LINE STA. 60+50 SEE SHEET P.0130

MATCH LINE STA. 51+50

MILE 112.0

MILE 112.2

MILE 111.8

ADOPT A HIGHWAY LITTER CONTROL
REYNOLDSBURG RESCURES PATHFINDERS CLUB

WORK ZONE SPEED LIMIT YY

DSL SIGN ASSEMBLY STA. 41+00

EXIT 112A
256 EAST
Pickerington

EXIT 112B
256 EAST
Reynoldsburg

EXIT 112A
EXIT

25 MPH

EXIT 108A
270 SOUTH
Columbus By-Pass

Pickerington
CORP LIMIT

EXIT 112C
204
Blacklick-Eastern Rd
1 MILE

TARGET ENFORCEMENT AREA

WV1-4cL-48
STA. 62+00

RAMP A

RAMP E

℄ CONST & R/W IR 70

IR 70 EB

IR 70 WB

Ex LA-R/W

3@12'

2@12'

4@12'

16'

15'

SHEET	TOTAL
P.0123	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 39+00 TO STA. 64+00

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SR 256 MOT PLANS, SEE SHEET *P.0130*
3. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
4. FOR SECTION E-E, SEE SHEET *P.0112*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0124
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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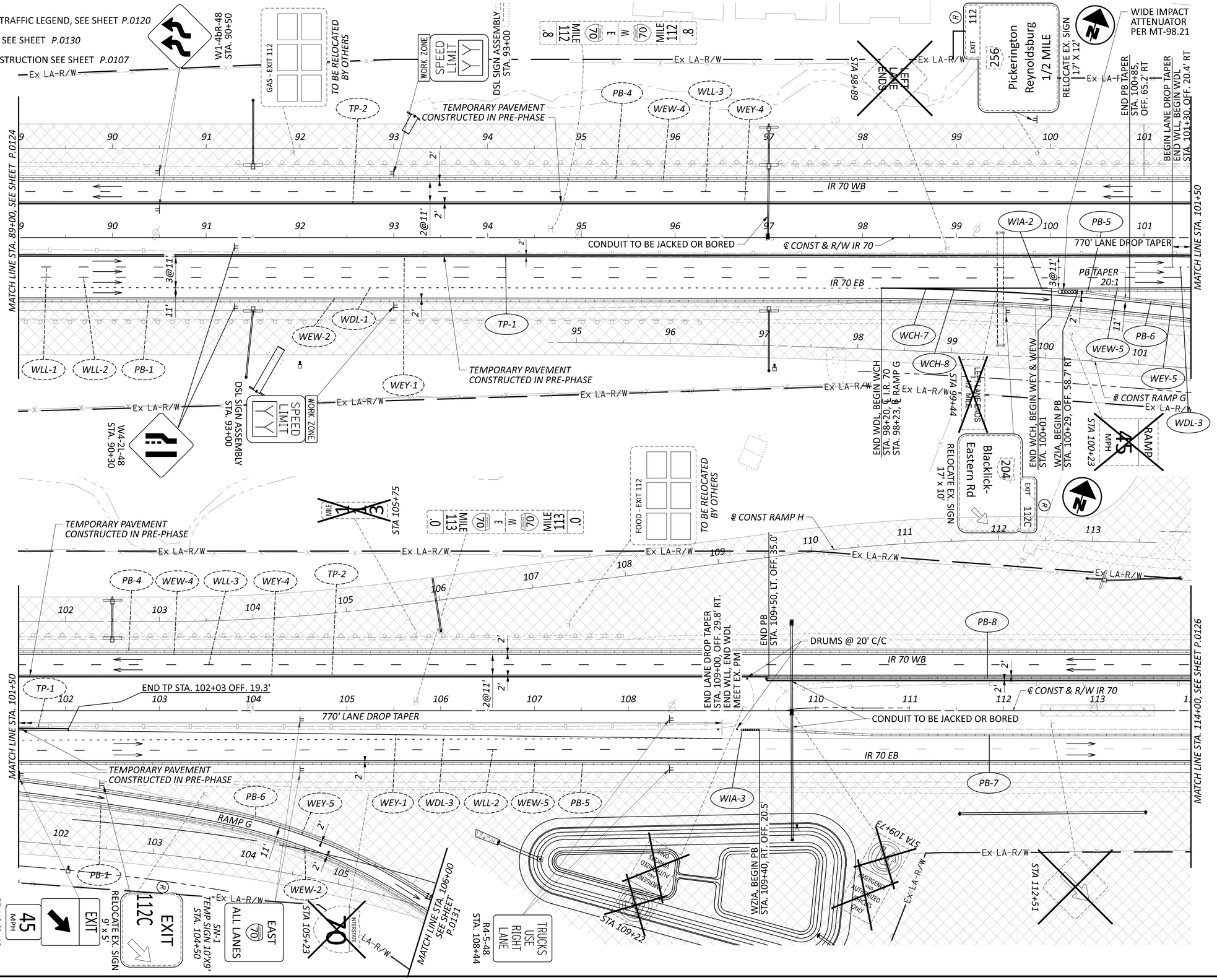
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SR 256 MOT PLANS SEE SHEET *P.0130*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 89+00 TO STA. 114+00

FAI/LIC-IR 70-0.00/0.00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0125
TOTAL	P.2024

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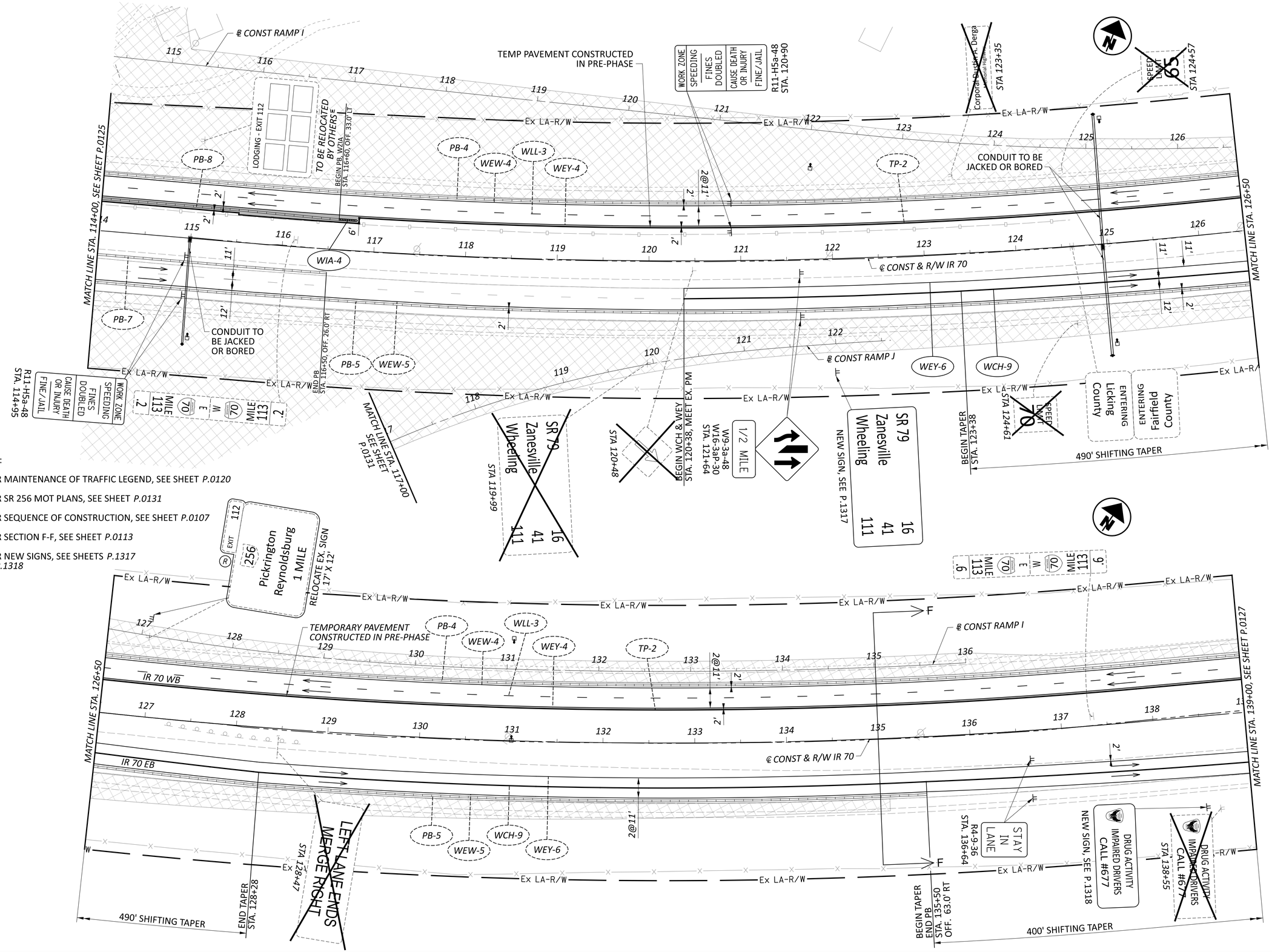

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 114+00 TO STA. 139+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0126
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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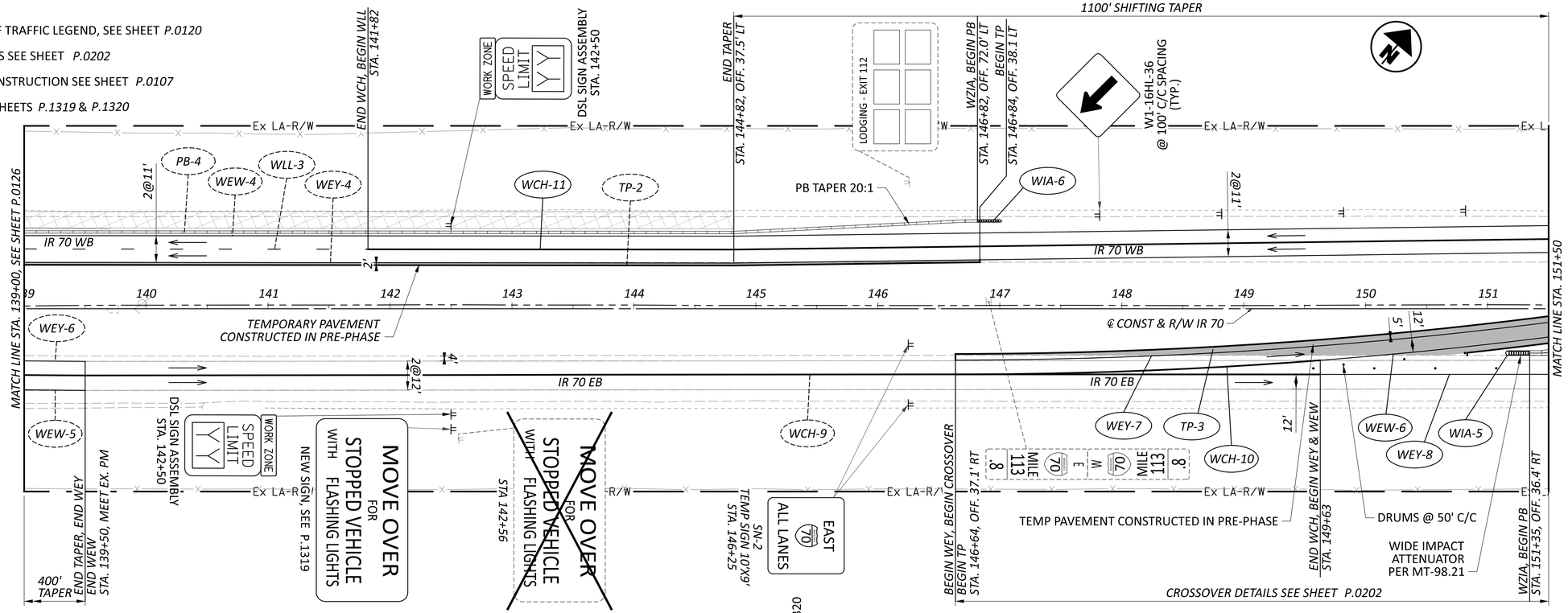
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR CROSSOVER PLANS SEE SHEET *P.0202*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*
4. FOR NEW SIGNS, SEE SHEETS *P.1319* & *P.1320*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 139+00 TO STA. 164+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0127
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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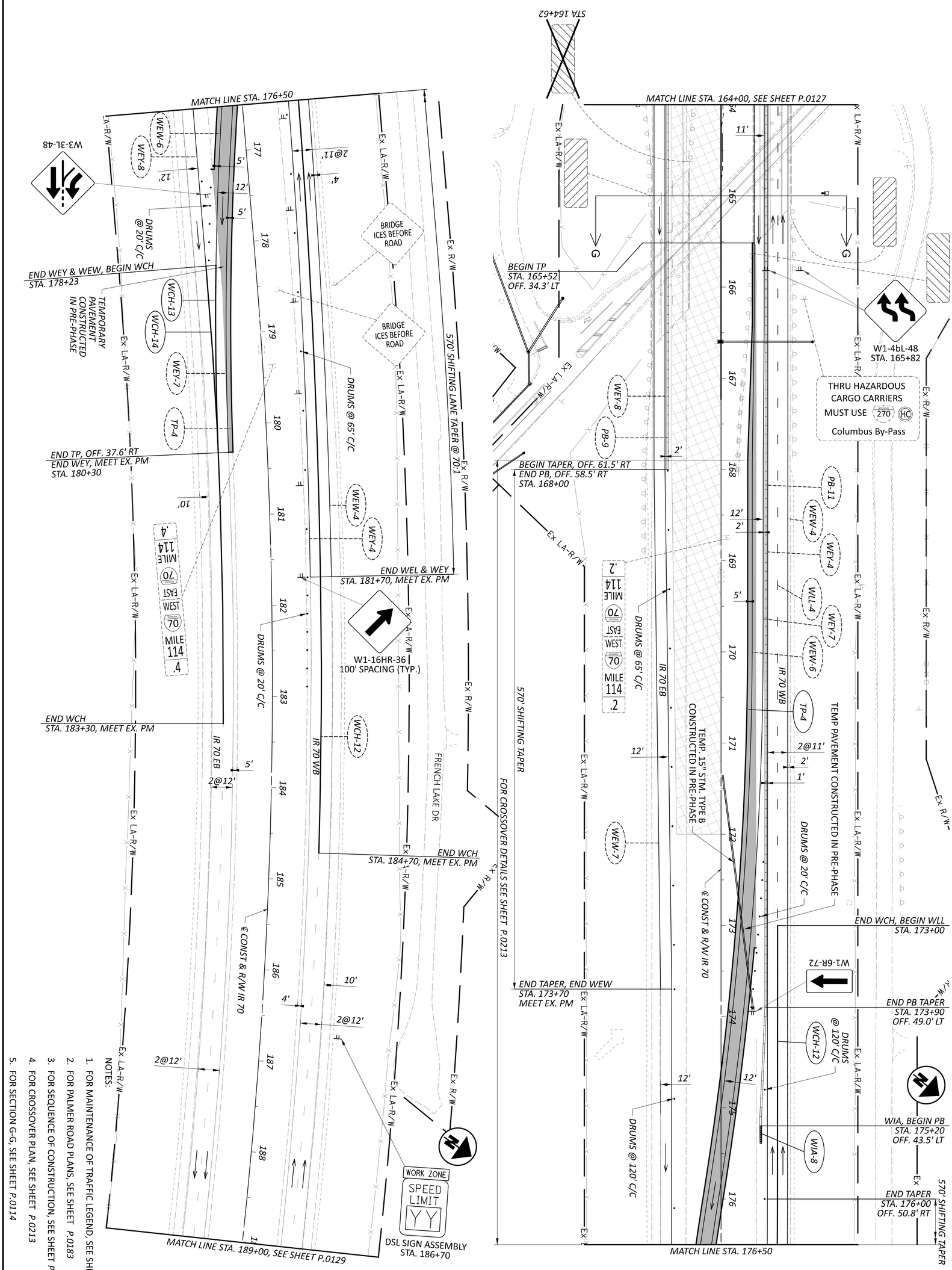

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR PALMER ROAD PLANS, SEE SHEET P.0183
3. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
4. FOR CROSSOVER PLAN, SEE SHEET P.0213
5. FOR SECTION G-G, SEE SHEET P.0114

DESIGN AGENCY: GANNETT FLEMING	DESIGNER: TCW	REVIEWER: DRJ 08/07/26	PROJECT ID: 96808
SHEET: P.0128	TOTAL: P.2024		

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 164+00 TO STA. 189+00

HORIZONTAL SCALE IN FEET
0 25 50 100

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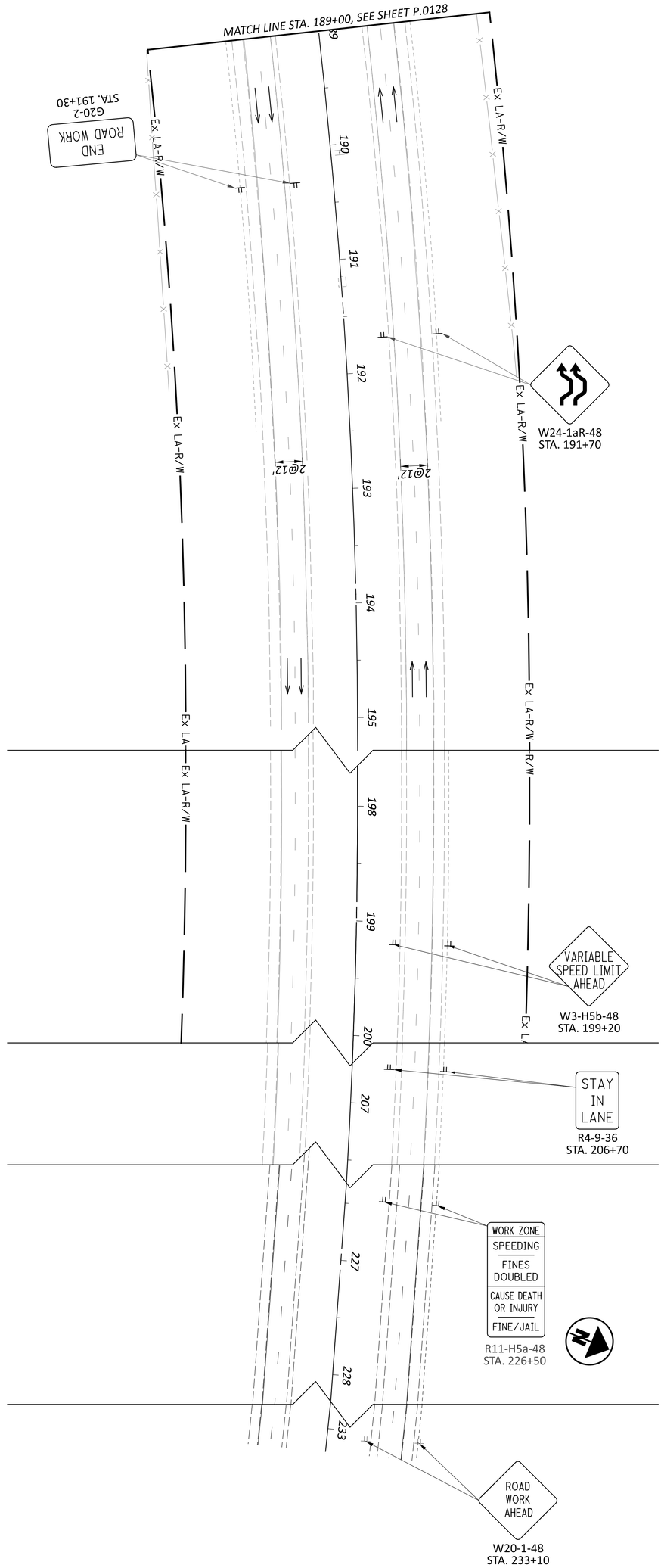
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*



SHEET	TOTAL
P.0129	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP110 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:50:24 PM USER: borr
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*
3. FOR SECTION H-H, SEE SHEET *P.0115*
4. FOR SECTION J-J, SEE SHEET *P.0116*

TO BE CONSTRUCTED IN PHASE 1

END ROAD WORK
G20-2-48
STA. 62+50

MATCH LINE STA. 60+50
SEE SHEET P.0123

Ex LA-R/W

SR 256

RAMP E

TO BE CONSTRUCTED IN PHASE 1

LA-R/W

Ex LA-R/W

W20-1-48
STA. 64+18

ROAD WORK AHEAD

END ROAD WORK
G20-2-48
STA. 63+88

R11-H5a-48
STA. 65+43

WORK ZONE SPEEDING FINES DOUBLED CAUSE DEATH OR INJURY FINE/JAIL

RAMP D

RAMP C

Ex LA-R/W

MATCH LINE STA. 69+50
SEE SHEET P.0124

DRUMS @ 20' C/C

Ex LA-R/W

BEGIN TAPER W6W & WEY
STA. 69+38

END TAPER
STA. 69+68

WEW-2

WEY-2

PB TAPER 20:1

W1A-9

DRUMS @ 40' C/C

Ex LA-R/W

STA. 71+45, OFF. 1.2' RT

W2A, BEGIN PB
STA. 72+00, OFF. 8.0' LT

Ex LA-R/W

PB-1

MATCH LINE STA. 73+00
SEE SHEET P.0124

MATCH LINE STA. 60+50
SEE SHEET P.0123

Ex LA-R/W

RAMP A

TO BE CONSTRUCTED IN PHASE 1

DRUMS @ 10' C/C

SR 256

END PB
STA. 64+53, OFF. 14.0' RT

SR 256

END WEW & WEY
STA. 64+70

WL-1

END ROAD WORK
G20-2-48
STA. 65+00

PB-2

WEY-3

WEW-3

RAMP B

Ex LA-R/W

MATCH LINE STA. 68+50
SEE SHEET P.0124

SHEET	TOTAL
P 0130	P 2024

PROJECT ID	REVIEWER
96808	DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STATE ROUTE 256 - RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP111 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:50:37 PM USER: borr
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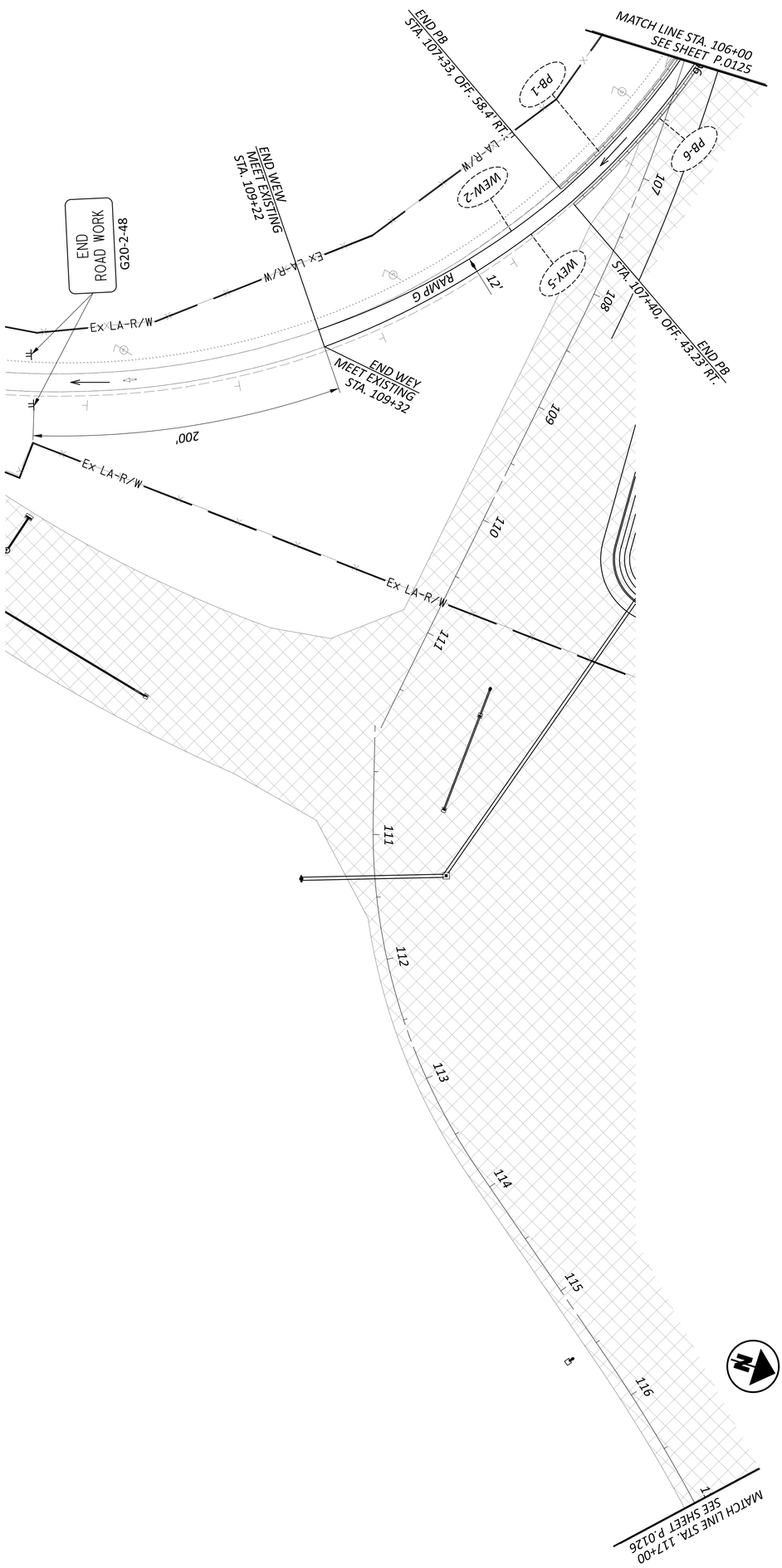
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR TAYLOR ROAD PLANS, SEE SHEET *P.0176* TO *P.0182*
3. FOR SEQUENCE OF CONSTRUCTION SEE SHEET *P.0107*



SHEET	TOTAL
P.0131	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 1
STATE ROUTE 256 RAMP G & J

HORIZONTAL SCALE IN FEET

0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0132 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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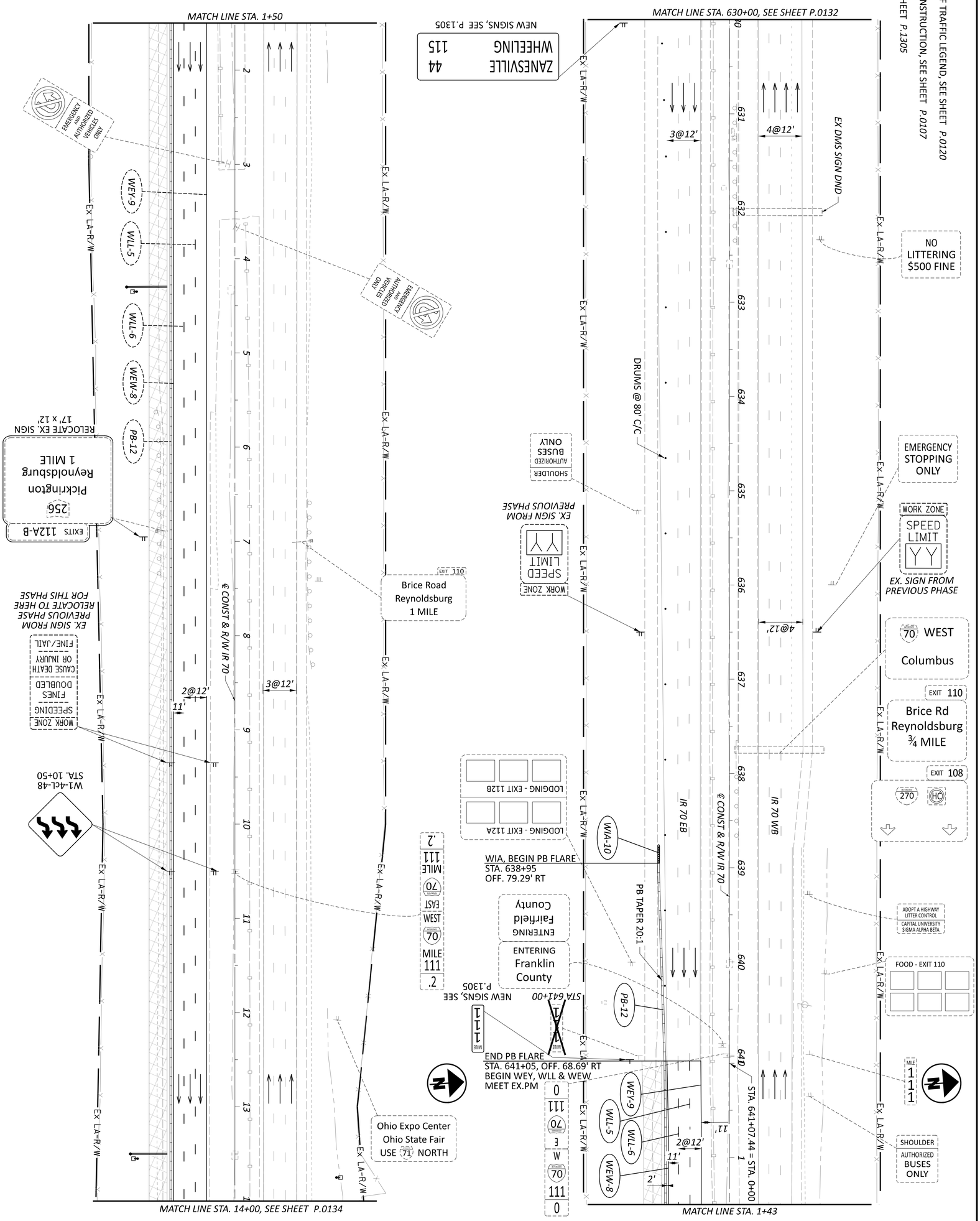
NOTES:
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEET P.1305



SHEET P.0133	TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 630+00 TO STA. 14+00

HORIZONTAL SCALE IN FEET
0 50
25 100

FAI/LIC-IR 70-0.00/0.00

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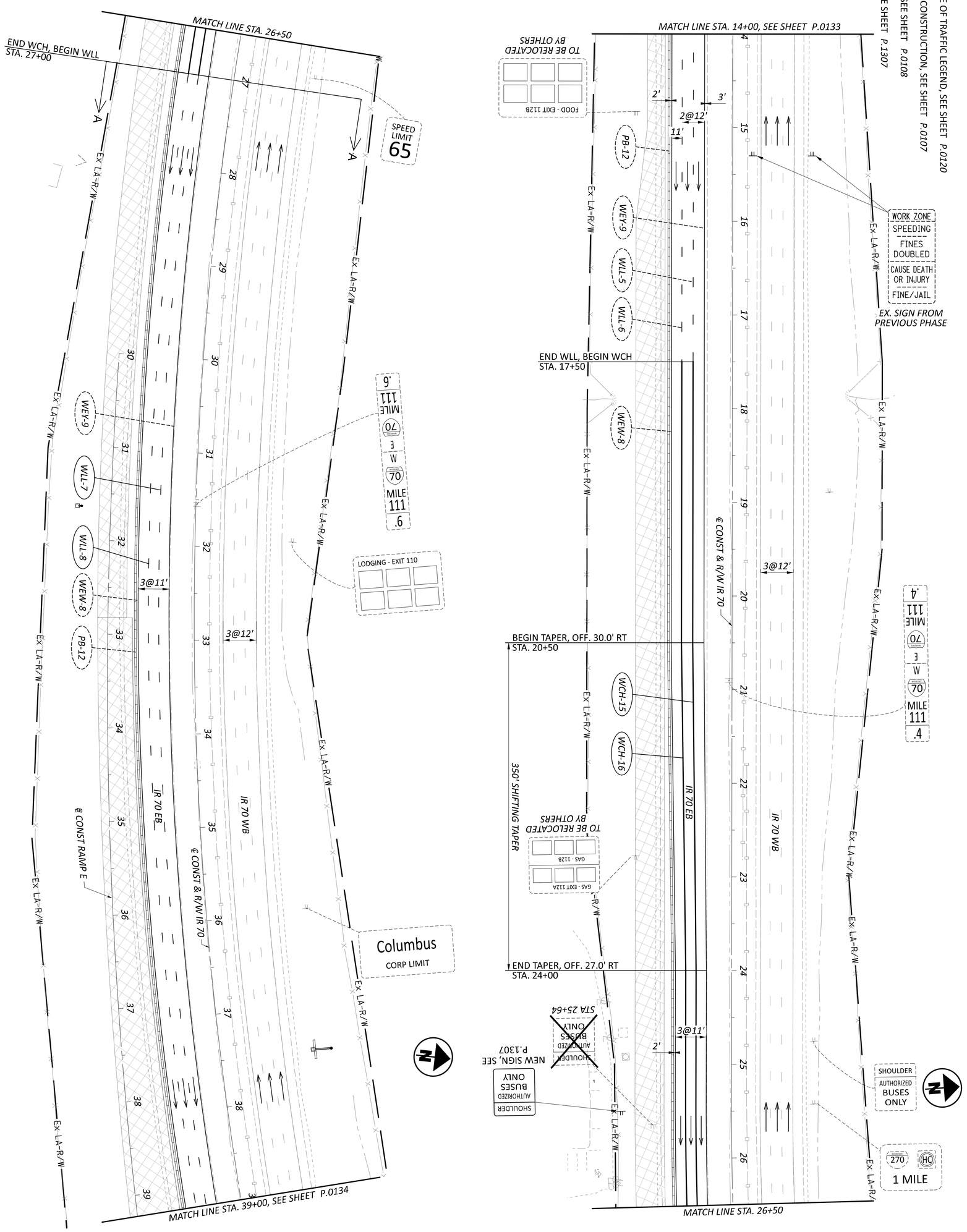
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR SECTION A-A, SEE SHEET P.0108
4. FOR NEW SIGNS, SEE SHEET P.1307



MAINTENANCE OF TRAFFIC - PHASE 2
STA. 14+00 TO STA. 39+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0134
TOTAL	P.2024

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0142*
4. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.0109* ,*P.0110* & *P.0111*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 39+00 TO STA. 64+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0135
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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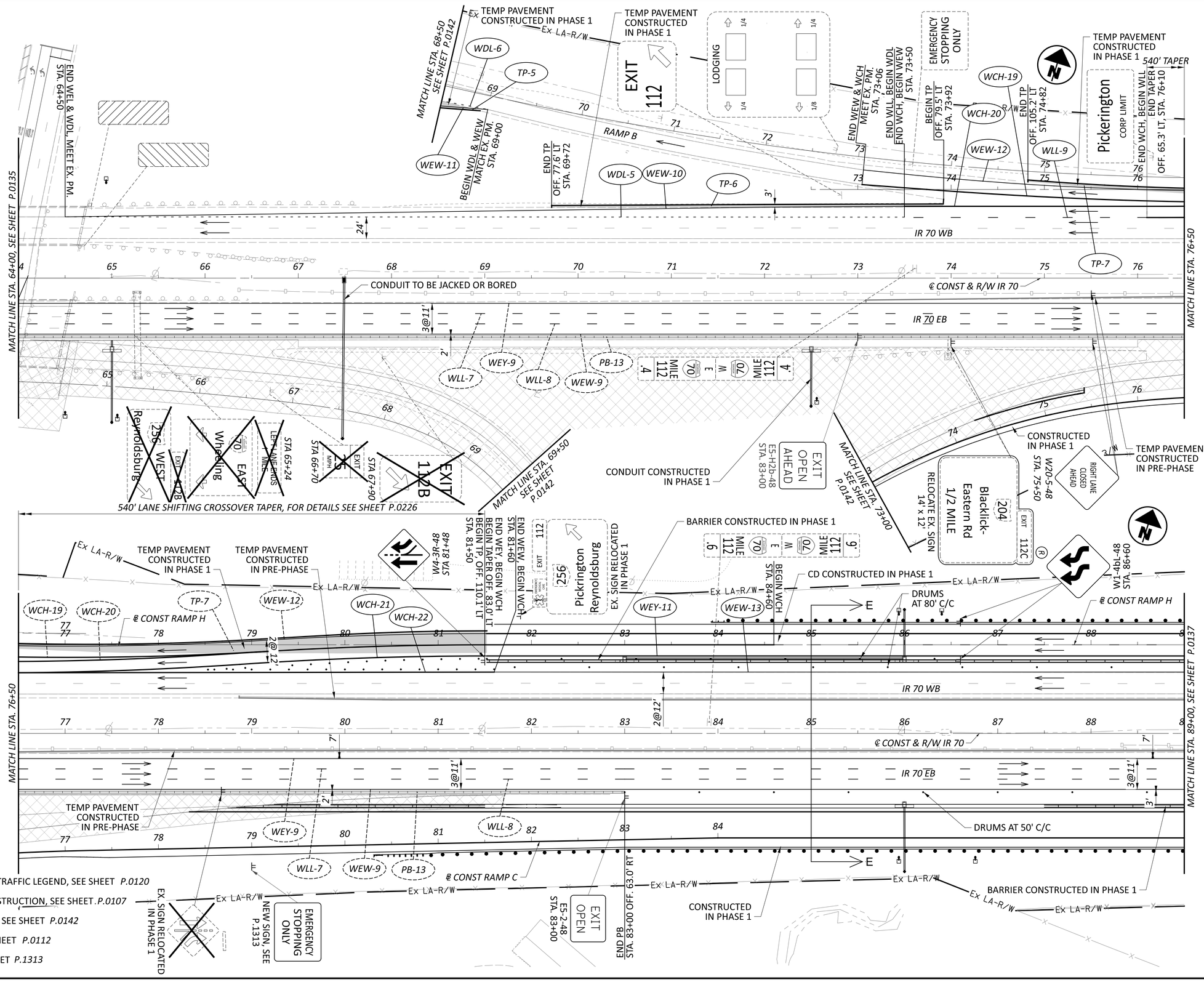
MAINTENANCE OF TRAFFIC - PHASE 2
STA. 64+00 TO STA. 89+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0142*
4. FOR SECTION E-E, SEE SHEET *P.0112*
5. FOR NEW SIGNS, SEE SHEET *P.1313*

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0136
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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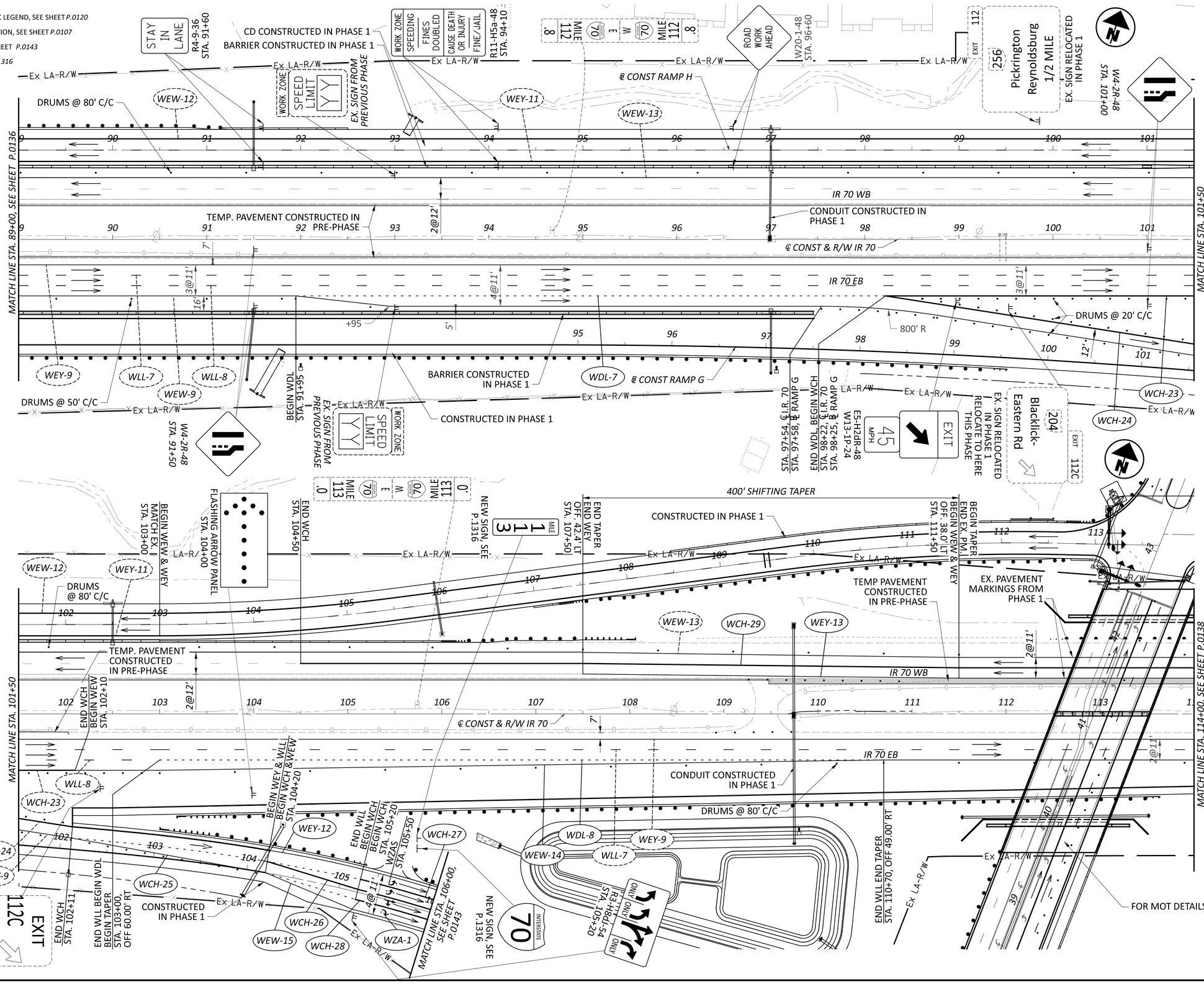
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0143*
4. FOR NEW SIGNS, SEE SHEET *P.1316*



MAINTENANCE OF TRAFFIC - PHASE 2
STA. 89+00 TO STA. 114+00

FAI/LIC-IR 70-0.00/0.00

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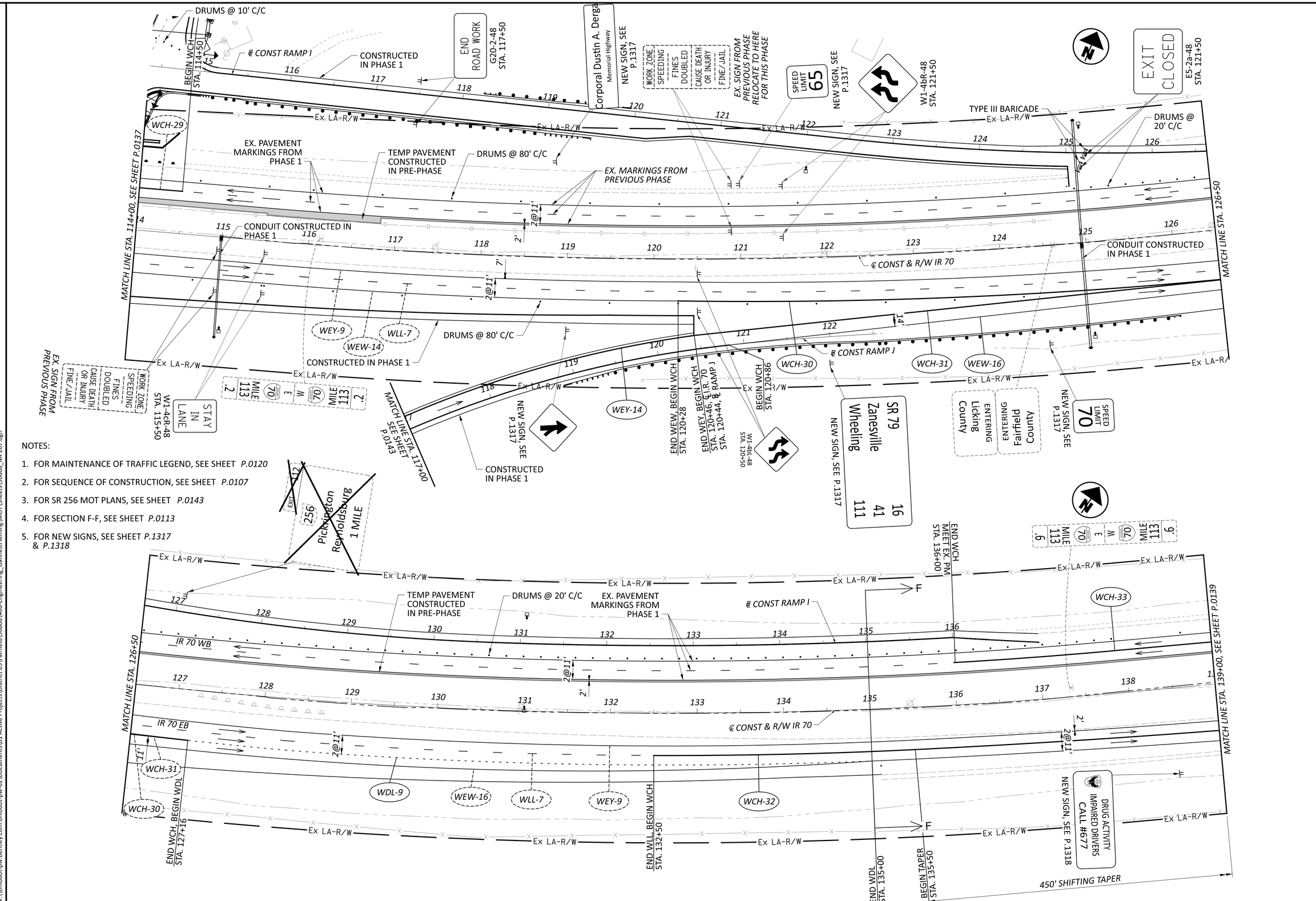
DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 08/07/26
PROJECT ID: 96808
SHEET: P.0137 TOTAL: P.2024



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SR 256 MOT PLANS, SEE SHEET *P.0143*
4. FOR SECTION F-F, SEE SHEET *P.0113*
5. FOR NEW SIGNS, SEE SHEET *P.1317* & *P.1318*

HORIZONTAL SCALE IN FEET 0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 114+00 TO STA. 139+00

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TCW

REVIEWER: DRJ 08/07/26

PROJECT ID: 96808

SHEET: P.0138 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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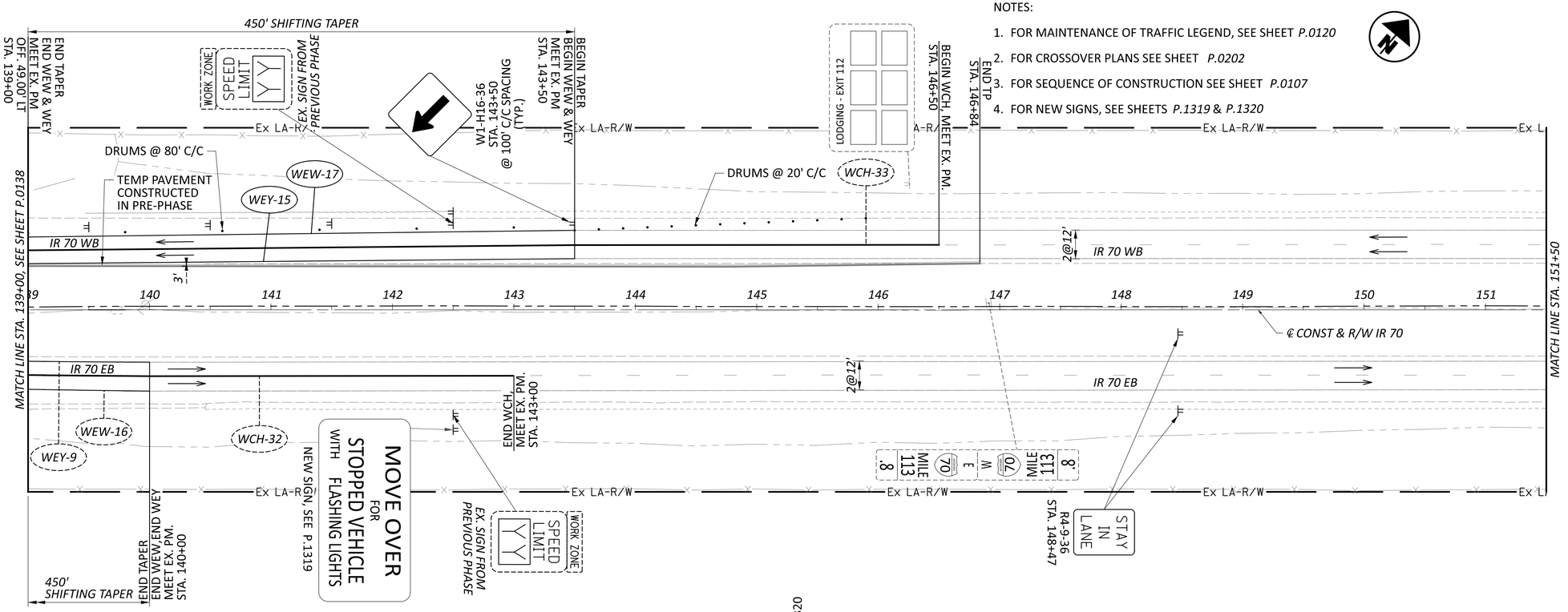

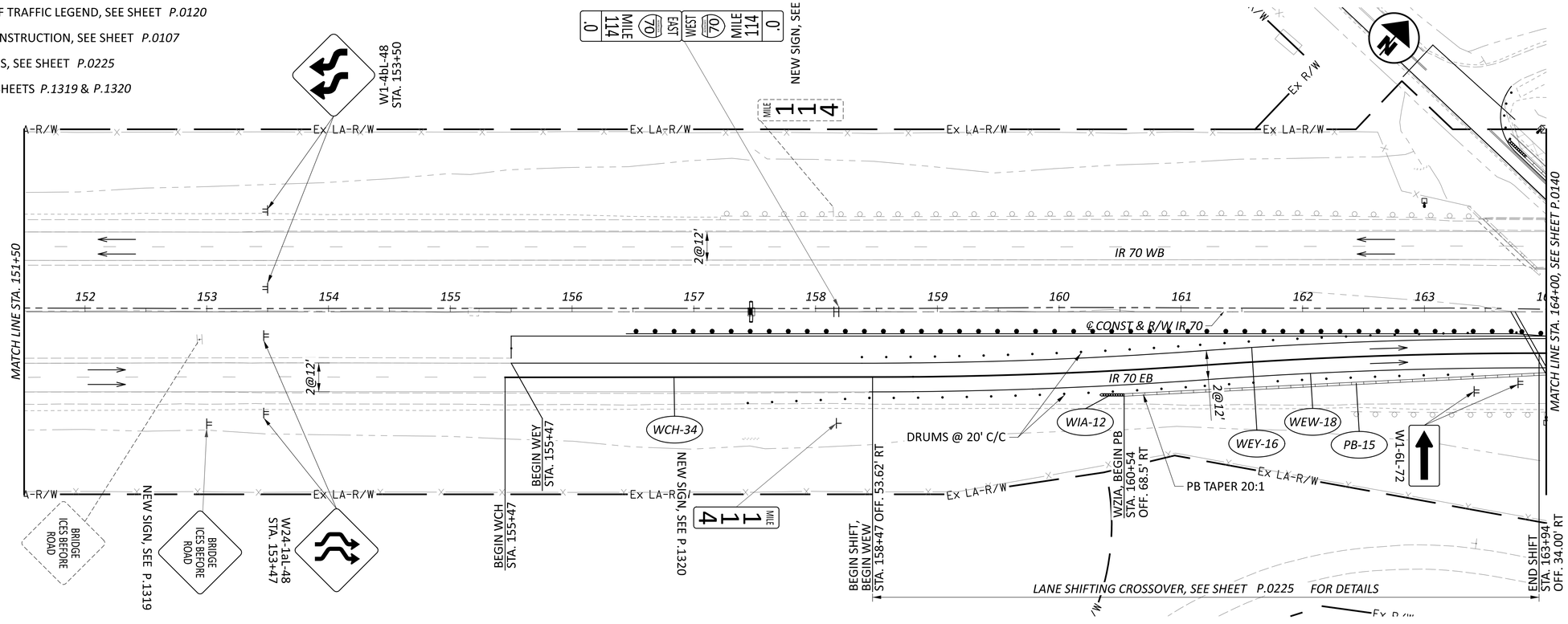

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 139+00 TO STA. 164+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0139 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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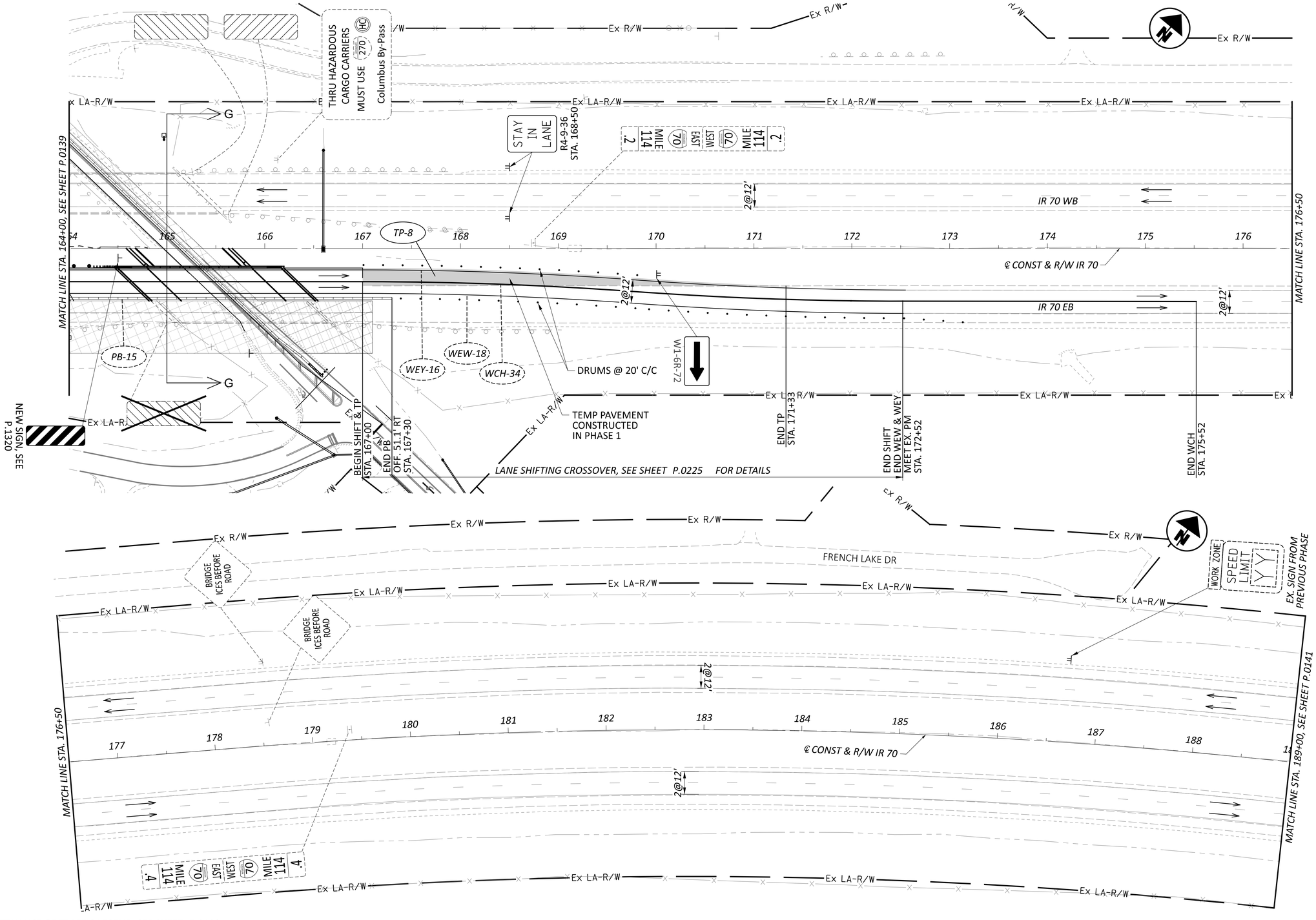

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR CROSSOVER PLANS, SEE SHEET *P.0225*
4. FOR SECTION G-G, SEE SHEET *P.0114*
5. FOR NEW SIGNS, SEE SHEET *P.1320*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 164+00 TO STA. 189+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0140 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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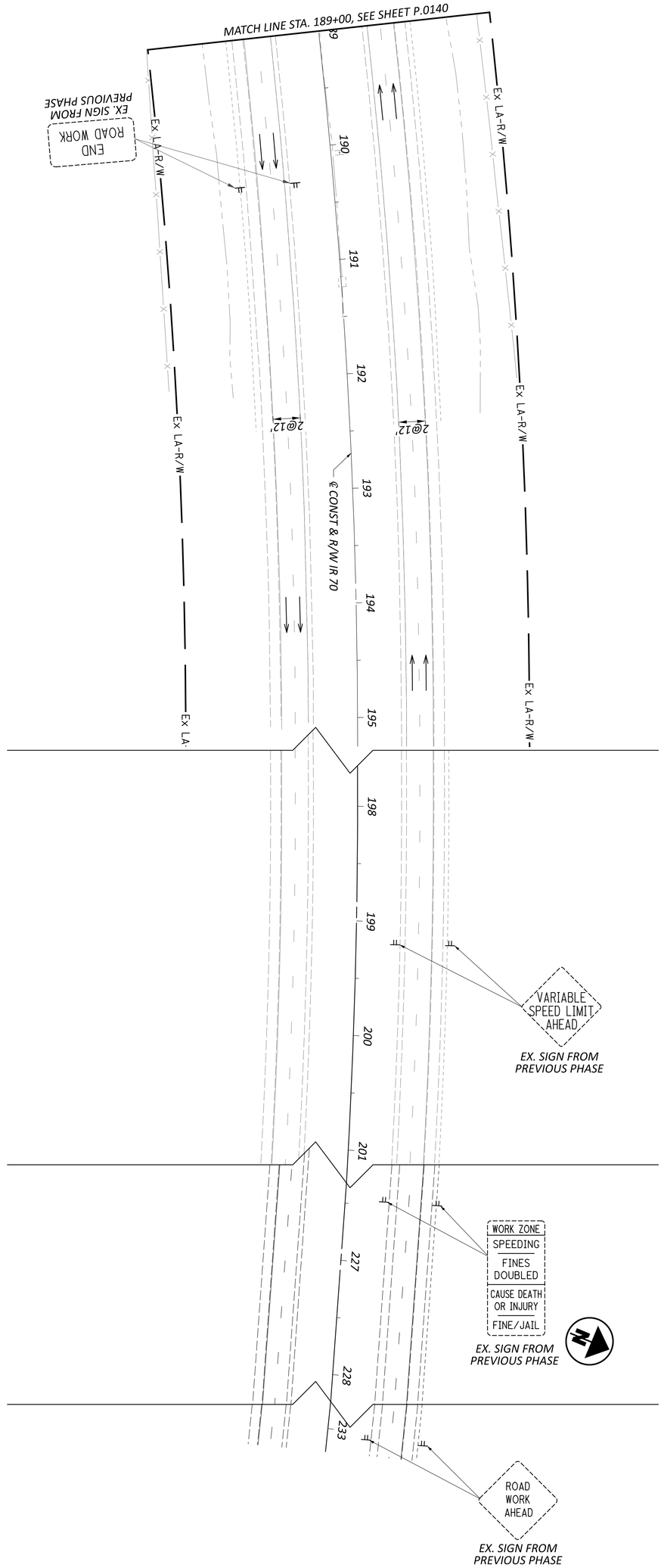


SHEET	TOTAL
P.0141	P.2024

PROJECT ID 96808

REVIEWER DRJ 08/07/26

DESIGNER TCW

GANNETT FLEMING

DESIGN AGENCY

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 189+00 TO END WORK

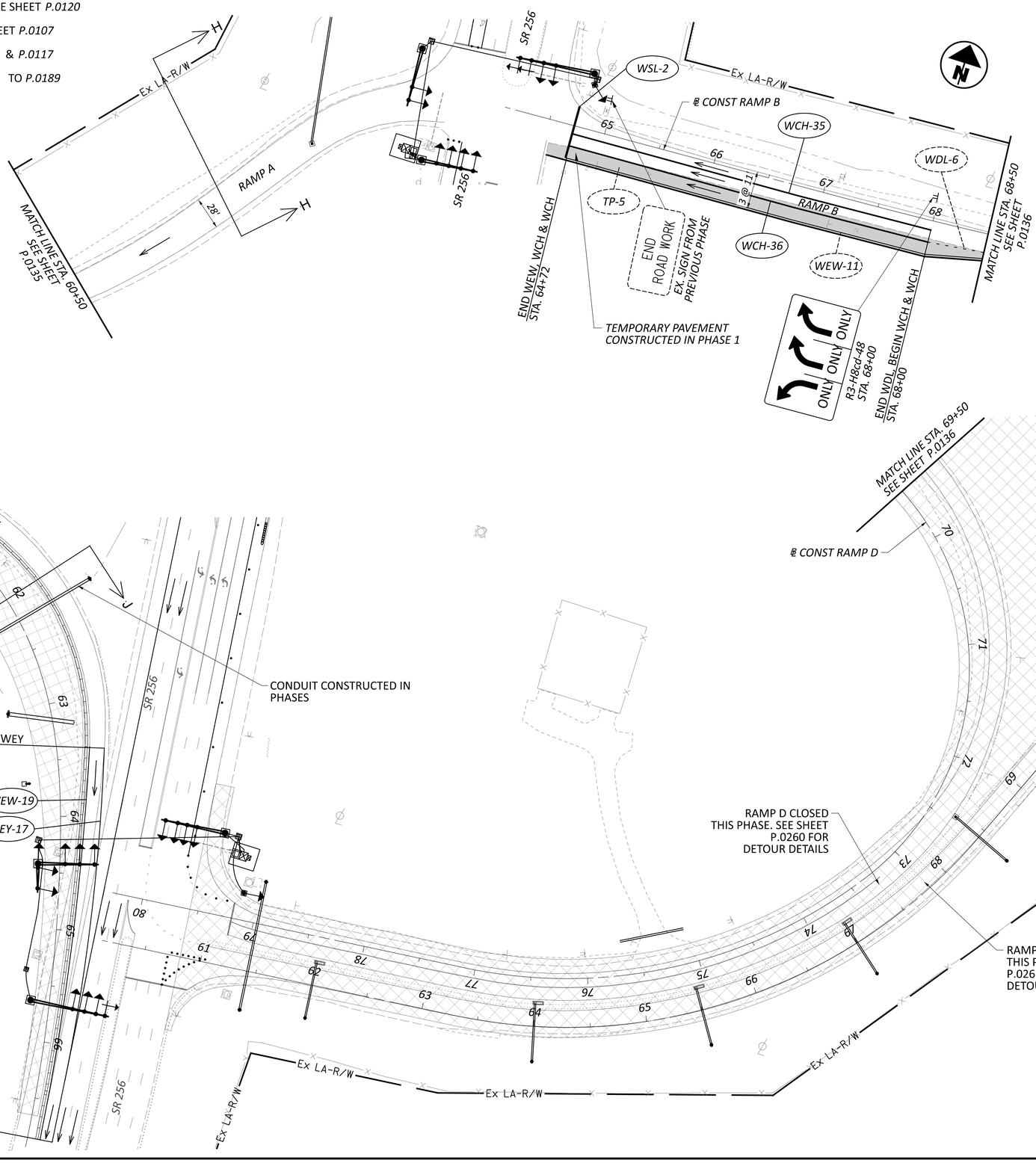
HORIZONTAL SCALE IN FEET

0 50

25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTION H-H & J-J, SEE SHEETS *P.0115* & *P.0117*
4. FOR SR 256 MOT PLANS, SEE SHEETS *P.0186* TO *P.0189*
5. FOR RAMP C DETOUR, SEE SHEET *P.0260*
6. FOR RAMP D DETOUR, SEE SHEET *P.0261*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
RAMPS A, B, C, D, AND E

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0142 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP210 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:53:59 PM USER: borr
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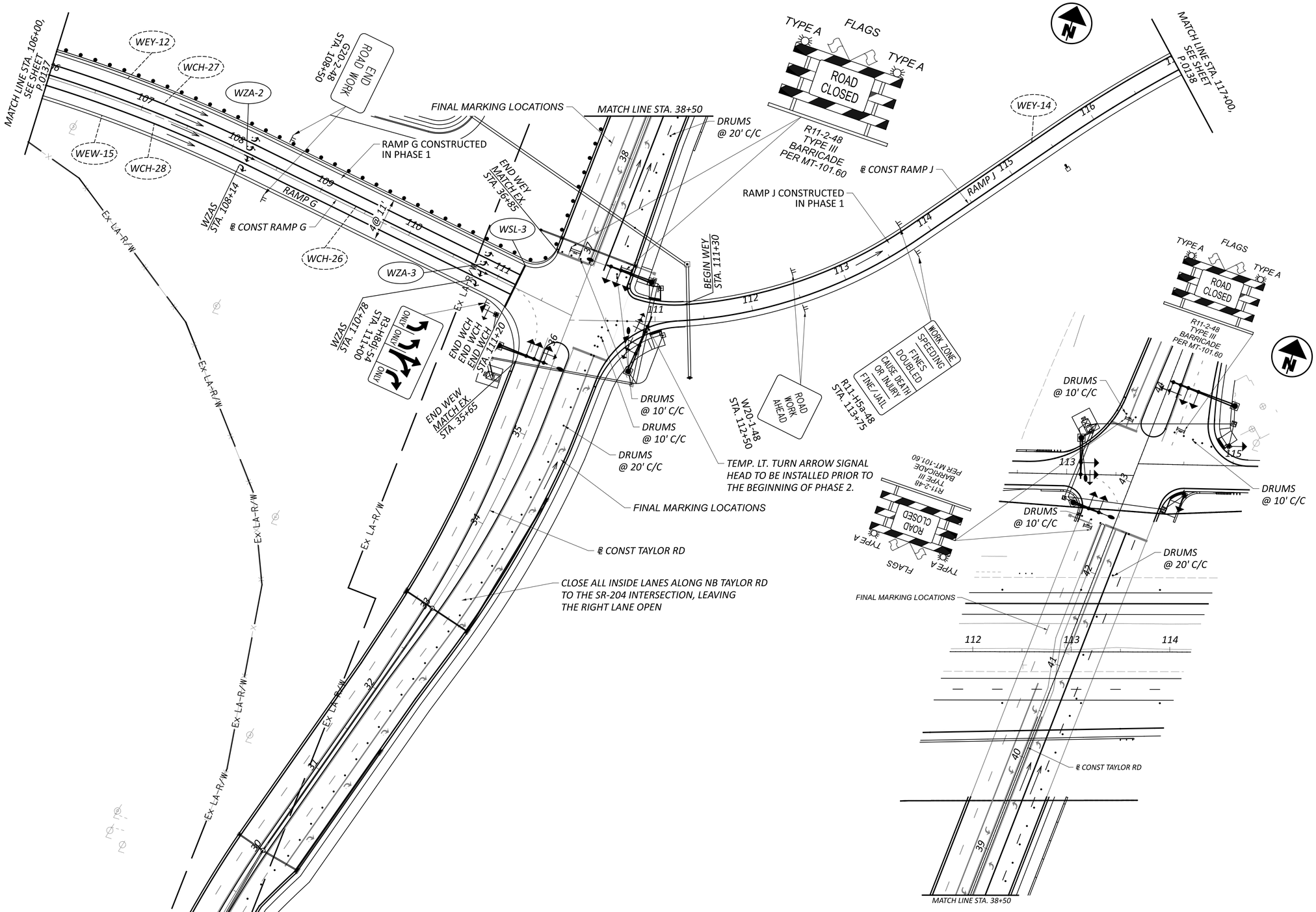
MAINTENANCE OF TRAFFIC - PHASE 2
TAYLOR RD - RAMP G & J

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR TAYLOR ROAD MOT PLANS, SEE SHEET *P.0177*

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0143 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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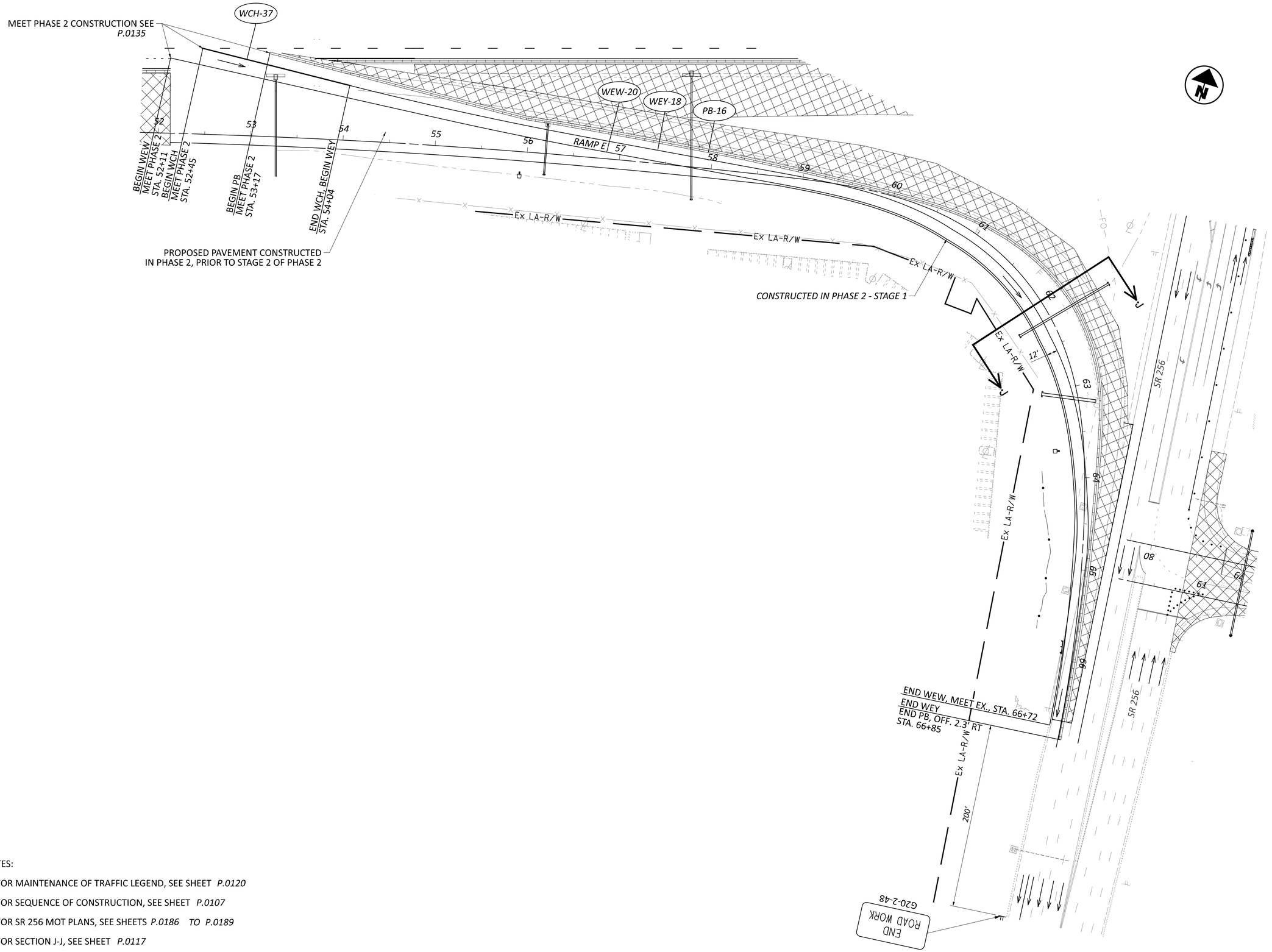
MEET PHASE 2 CONSTRUCTION SEE P.0135
WCH-37
WEW-20
WEY-18
PB-16
RAMP E
BEGIN WEW MEET PHASE 2 STA. 52+11
BEGIN WCH MEET PHASE 2 STA. 52+45
BEGIN PB MEET PHASE 2 STA. 53+17
END WCH, BEGIN WEY STA. 54+04
PROPOSED PAVEMENT CONSTRUCTED IN PHASE 2, PRIOR TO STAGE 2 OF PHASE 2
CONSTRUCTED IN PHASE 2 - STAGE 1
Ex LA-R/W
SR 256
END WEW, MEET EX., STA. 66+72
END WEY
END PB, OFF. 2.3' RT STA. 66+85
200'
12'
G20-2-48
END ROAD WORK
52
53
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NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
BEGIN WORK TO STA. 630+00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0145 TOTAL P.2024

MODEL: 96808_MP302 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:55:11 PM USER: borr
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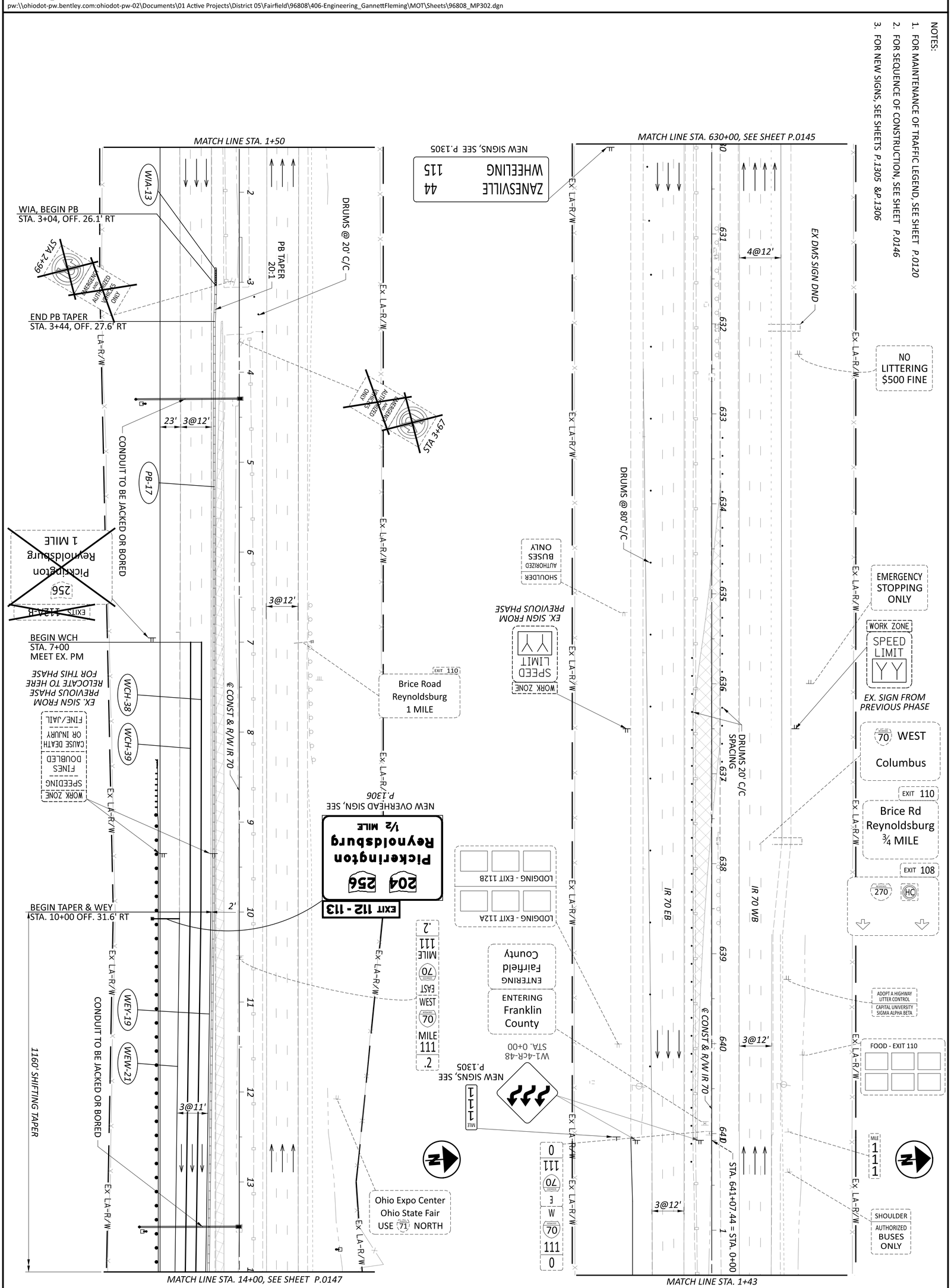
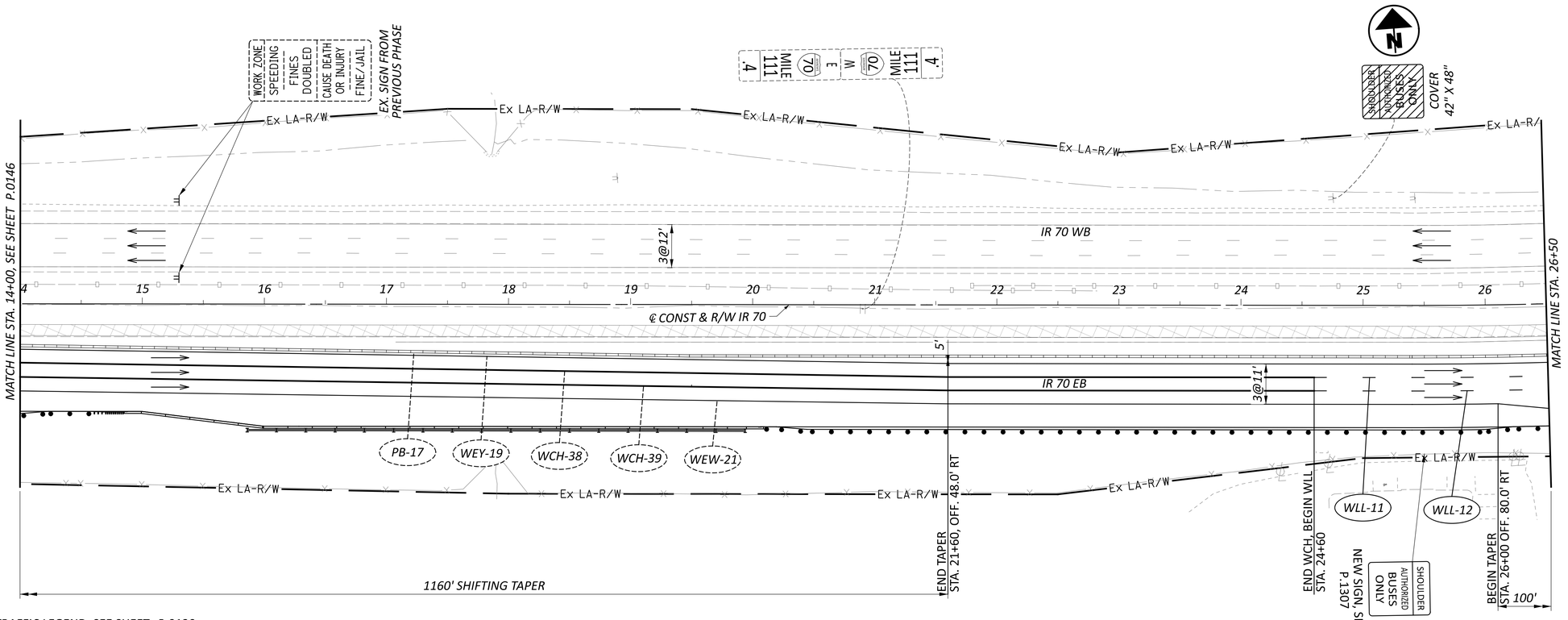


SHEET P.0146	TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

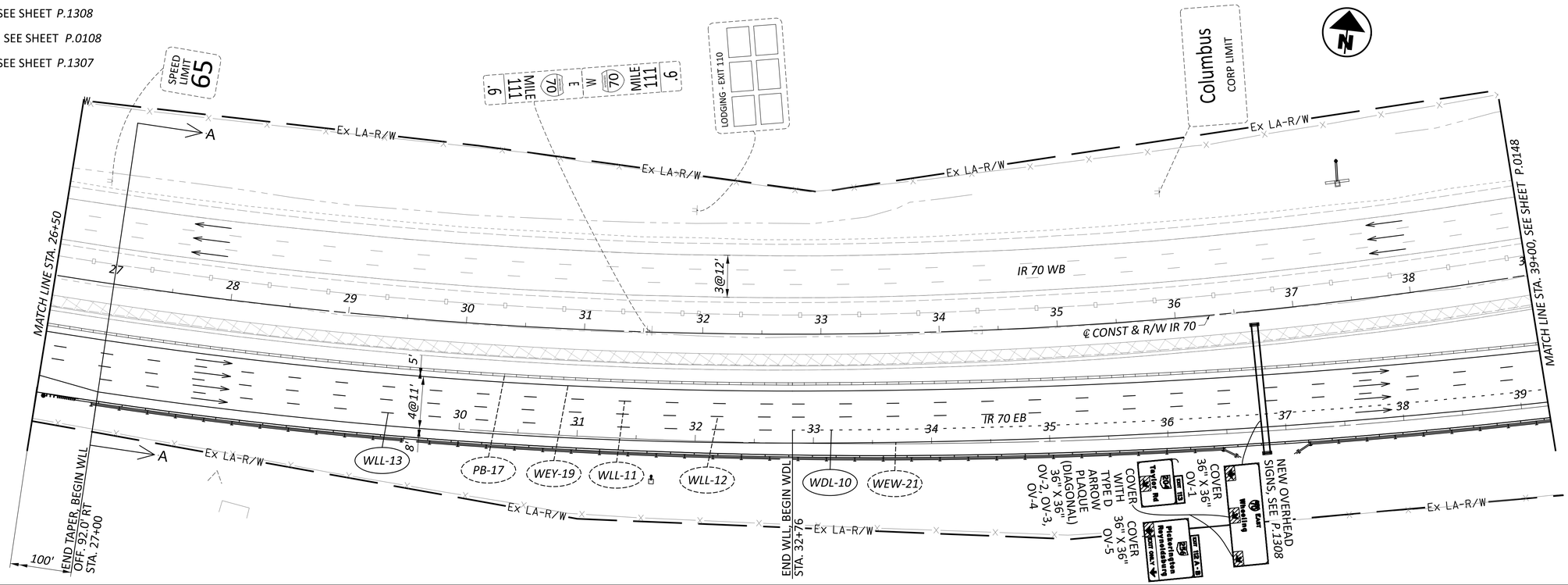
MAINTENANCE OF TRAFFIC - PHASE 3
STA. 630+00 TO STA. 14+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEET *P.1308*
4. FOR SECTION A-A, SEE SHEET *P.0108*
5. FOR NEW SIGNS, SEE SHEET *P.1307* & *P.1308*



FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

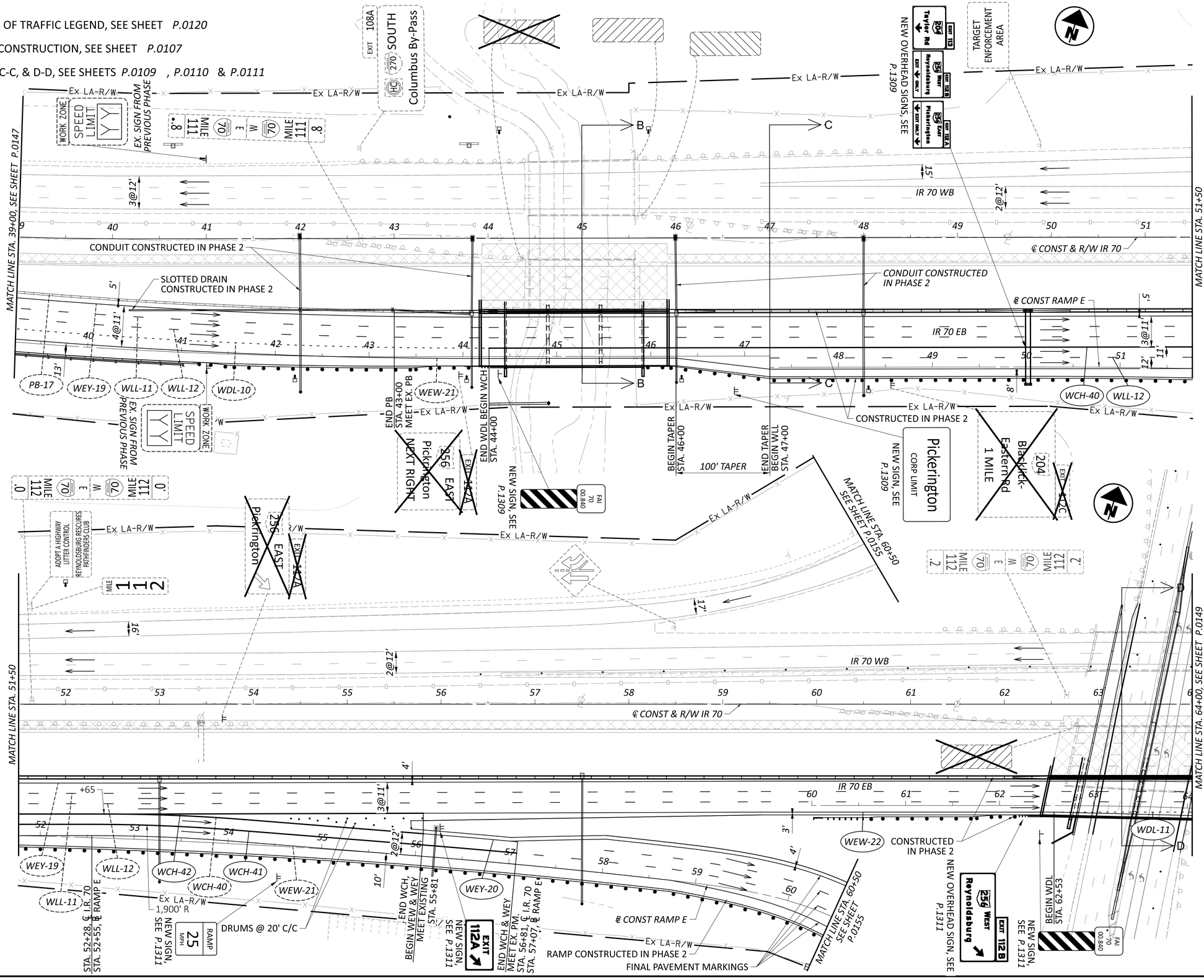
MAINTENANCE OF TRAFFIC - PHASE 3
STA. 14+00 TO STA. 39+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0147 TOTAL P.2024

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.0109* , *P.0110* & *P.0111*
3. FOR NEW SIGNS, SEE SHEET *P.1309* & *P.1311*



FAI/LIC-IR 70-0.00/0.00

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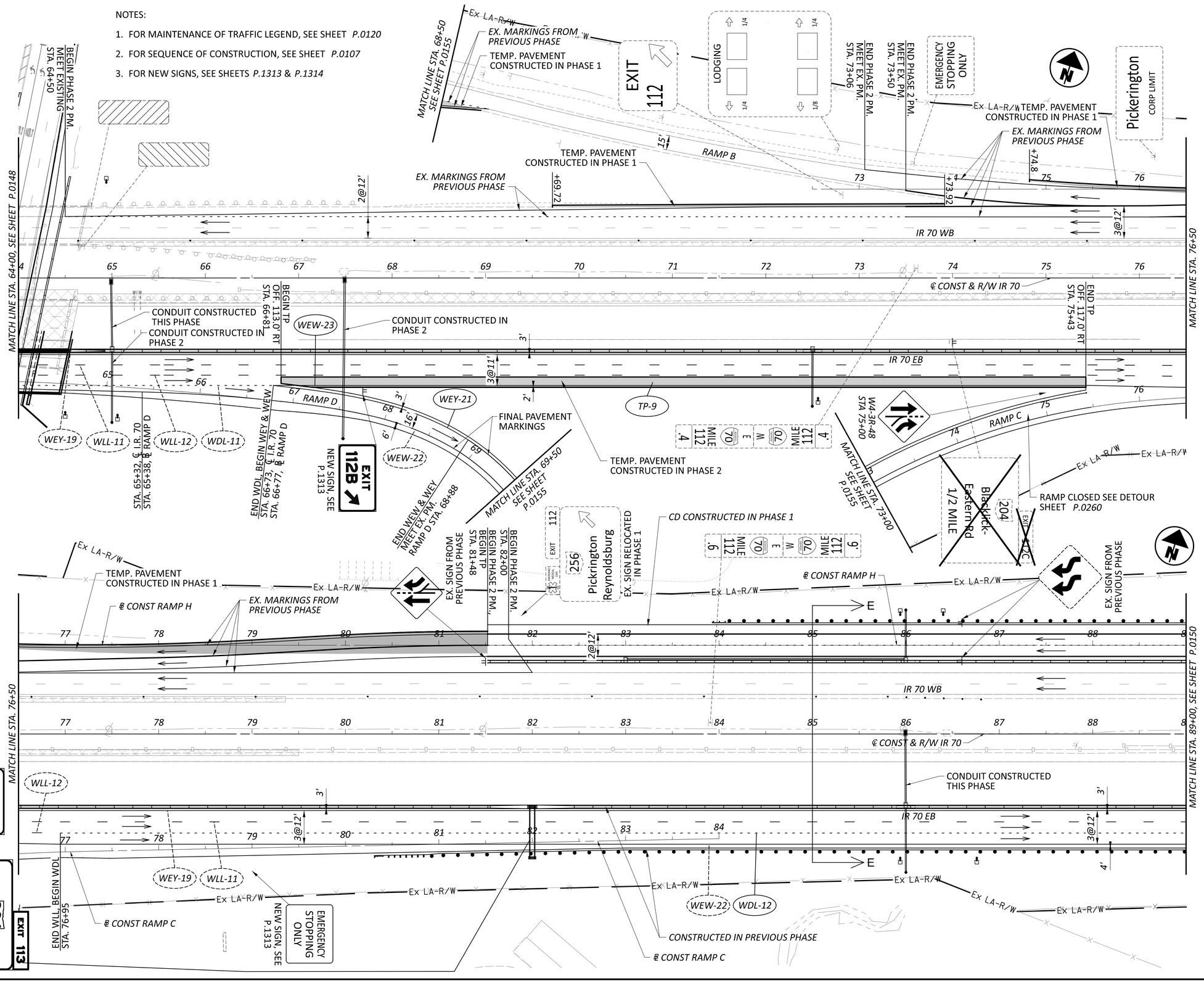
MAINTENANCE OF TRAFFIC - PHASE 3
STA. 39+00 TO STA. 64+00

DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 08/07/26
PROJECT ID: 96808
SHEET: P.0148 TOTAL: P.2024

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1313* & *P.1314*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0149 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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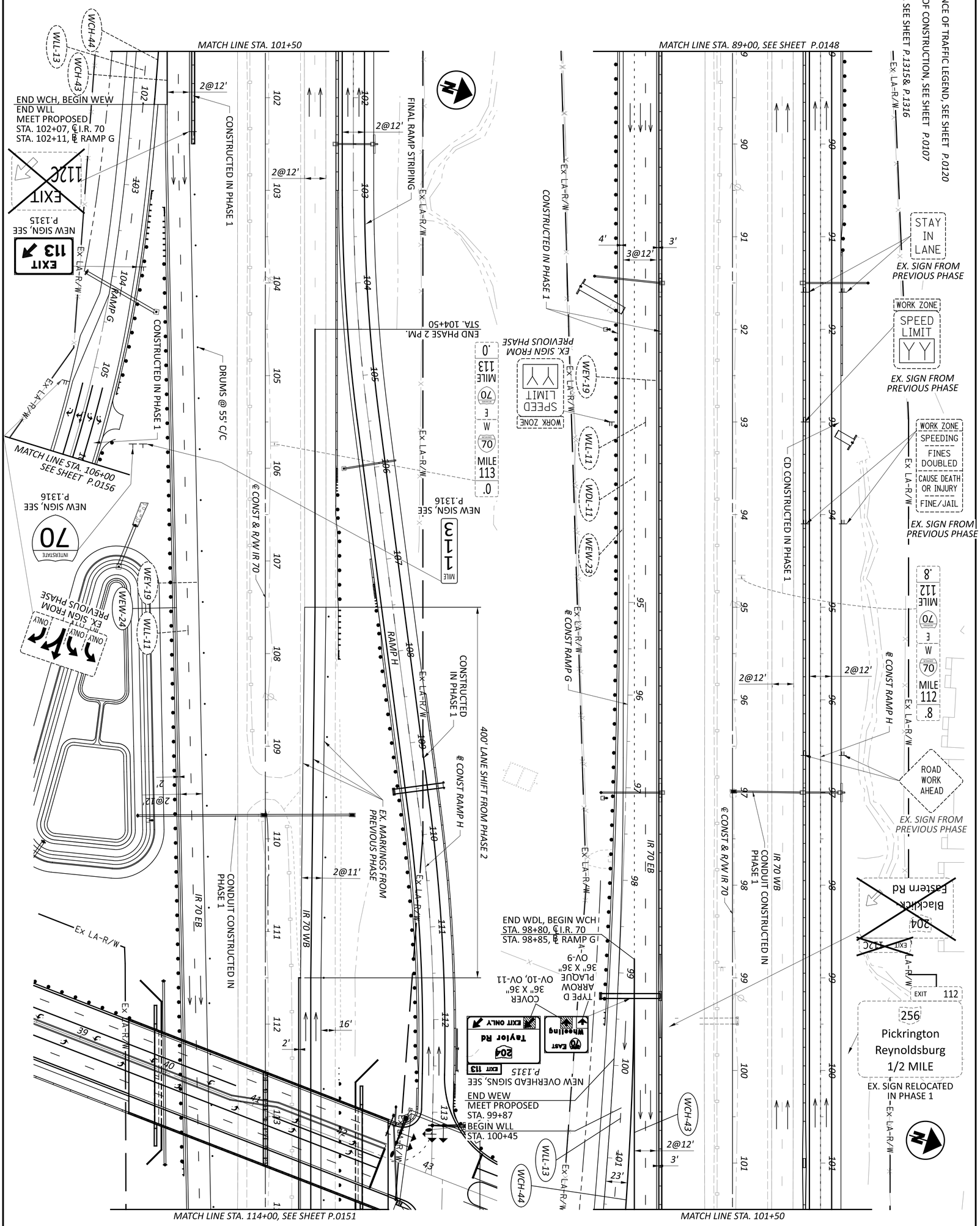
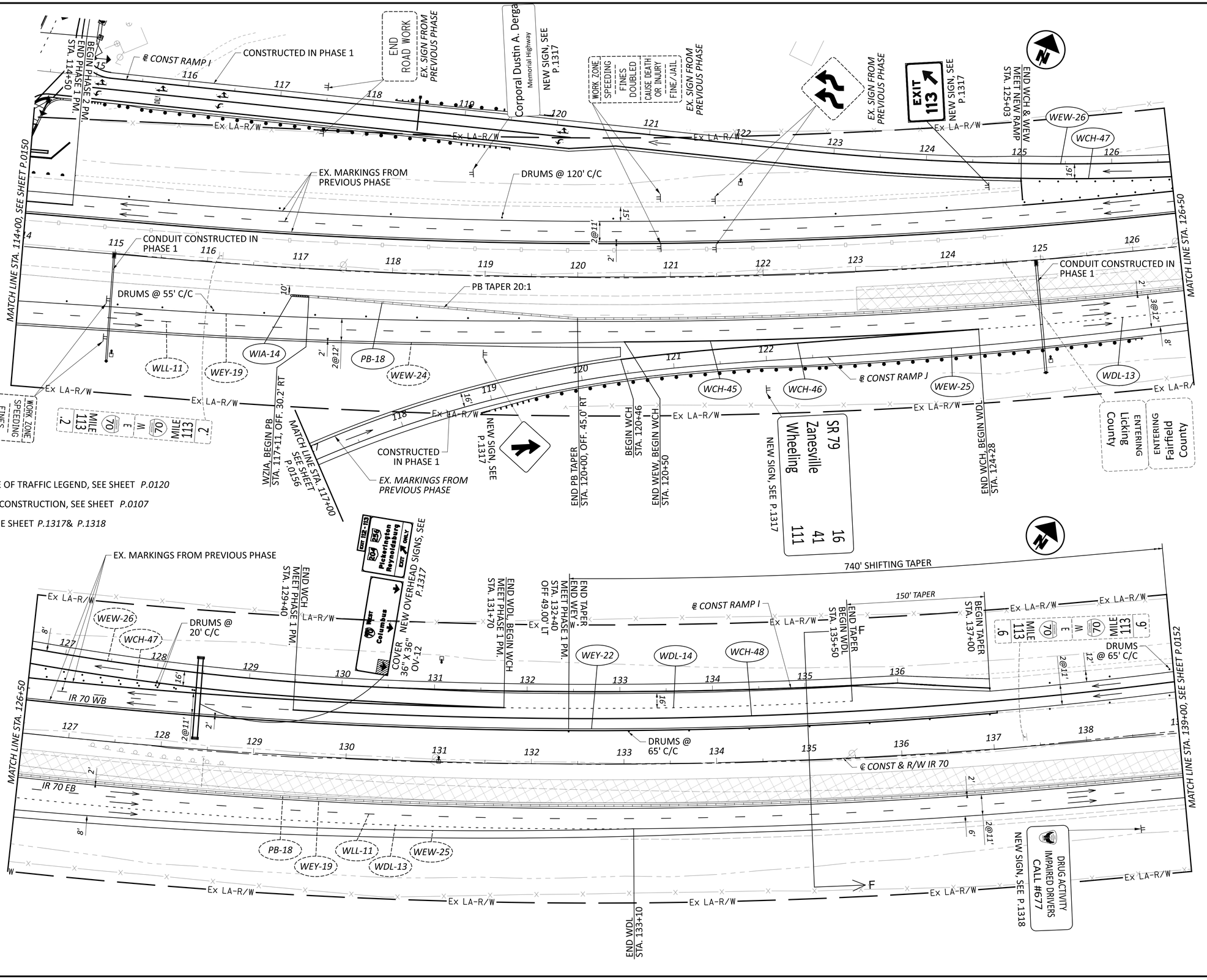
NOTES:
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEET P.1315& P.1316



SHEET P.0150	TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW
DESIGN AGENCY GANNETT FLEMING				

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 89+00 TO STA. 114+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEET *P.1317*& *P.1318*

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 114+00 TO STA. 139+00

DESIGN AGENCY: GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0151
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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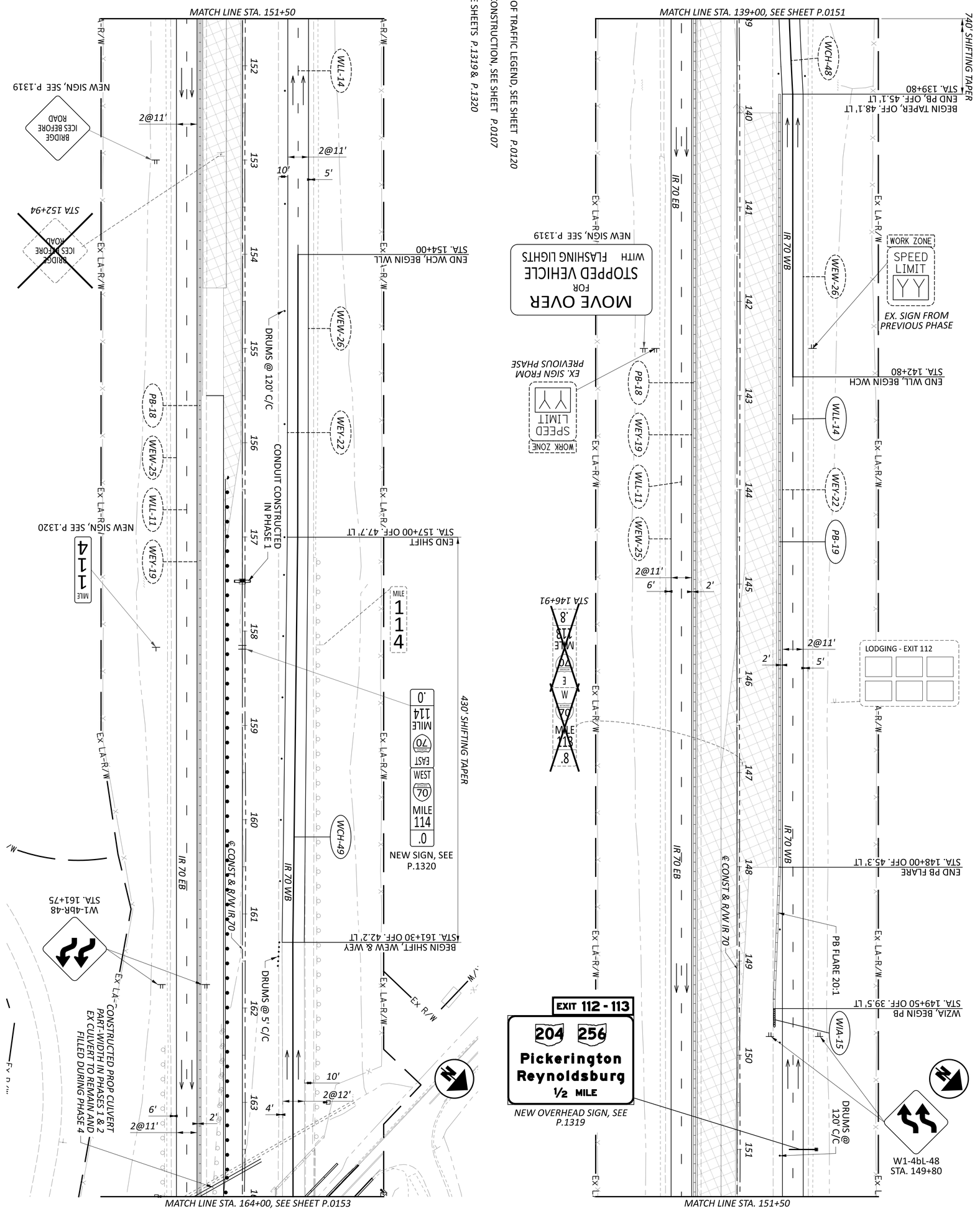
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEETS P.1319& P.1320

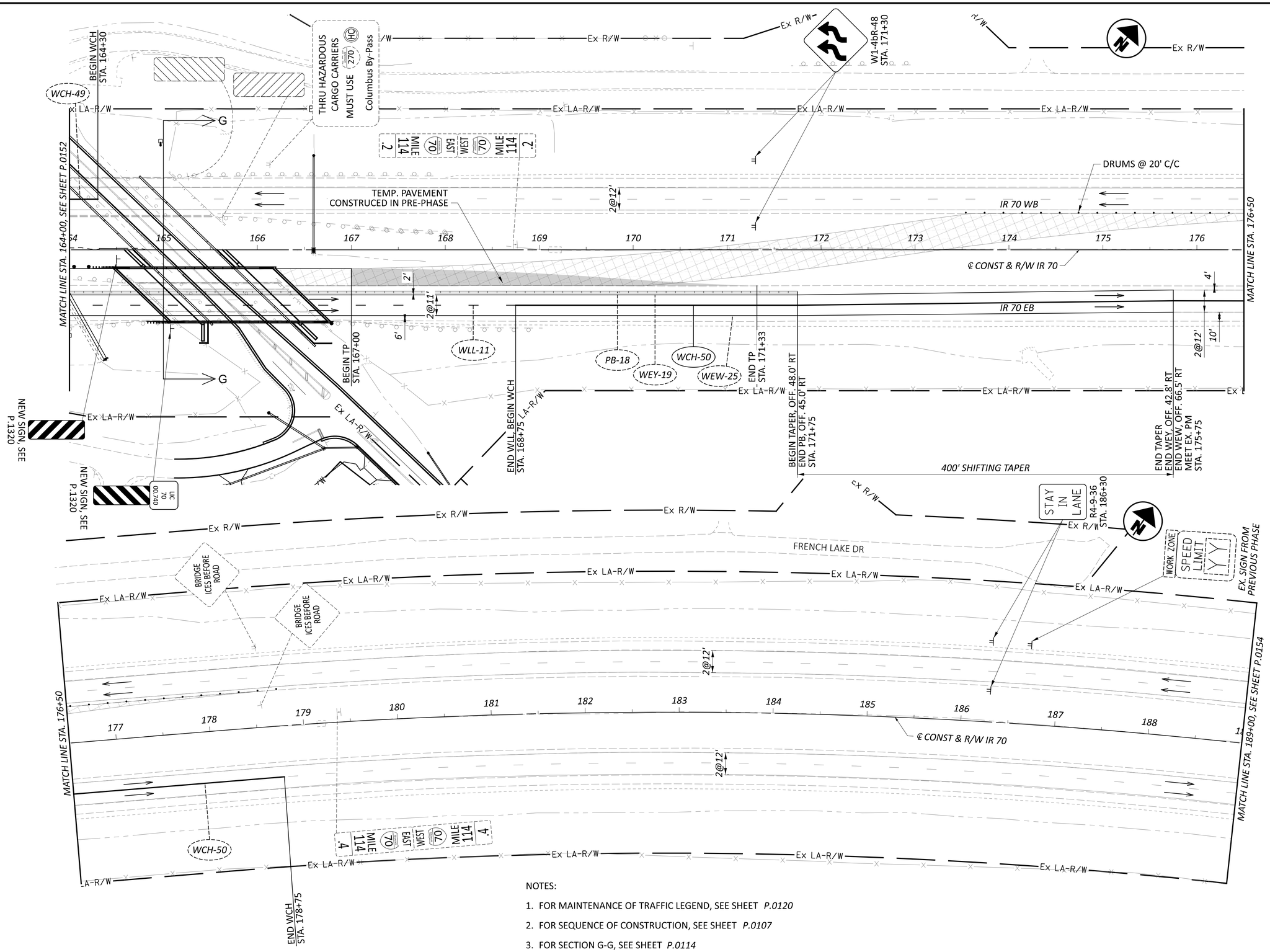


DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
TCW	DRJ 08/07/26	96808	P.0152	P.2024

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 139+00 TO STA. 164+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTION G-G, SEE SHEET *P.0114*
4. FOR NEW SIGNS, SEE SHEET *P.1320*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 164+00 TO STA. 189+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0153
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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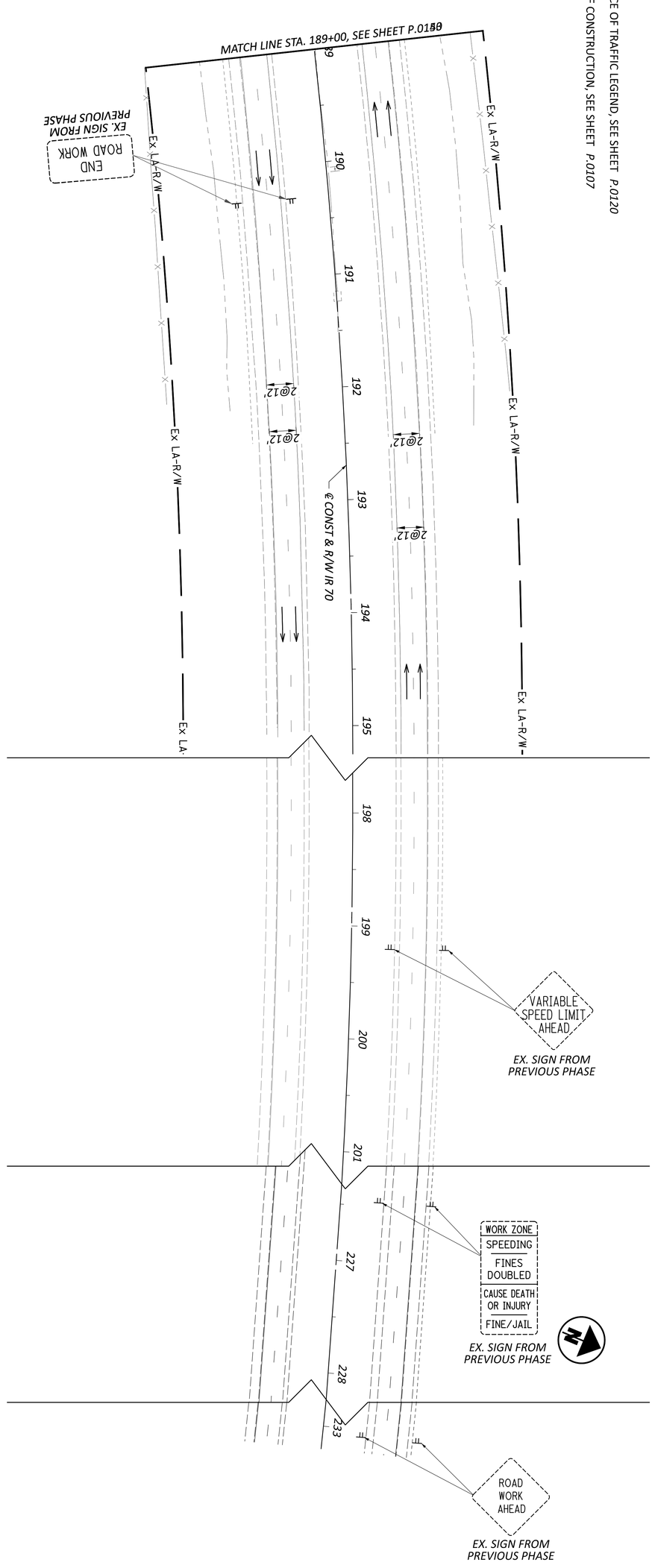
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107



SHEET	TOTAL
P.0154	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 3
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP310 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:57:50 PM USER: borr
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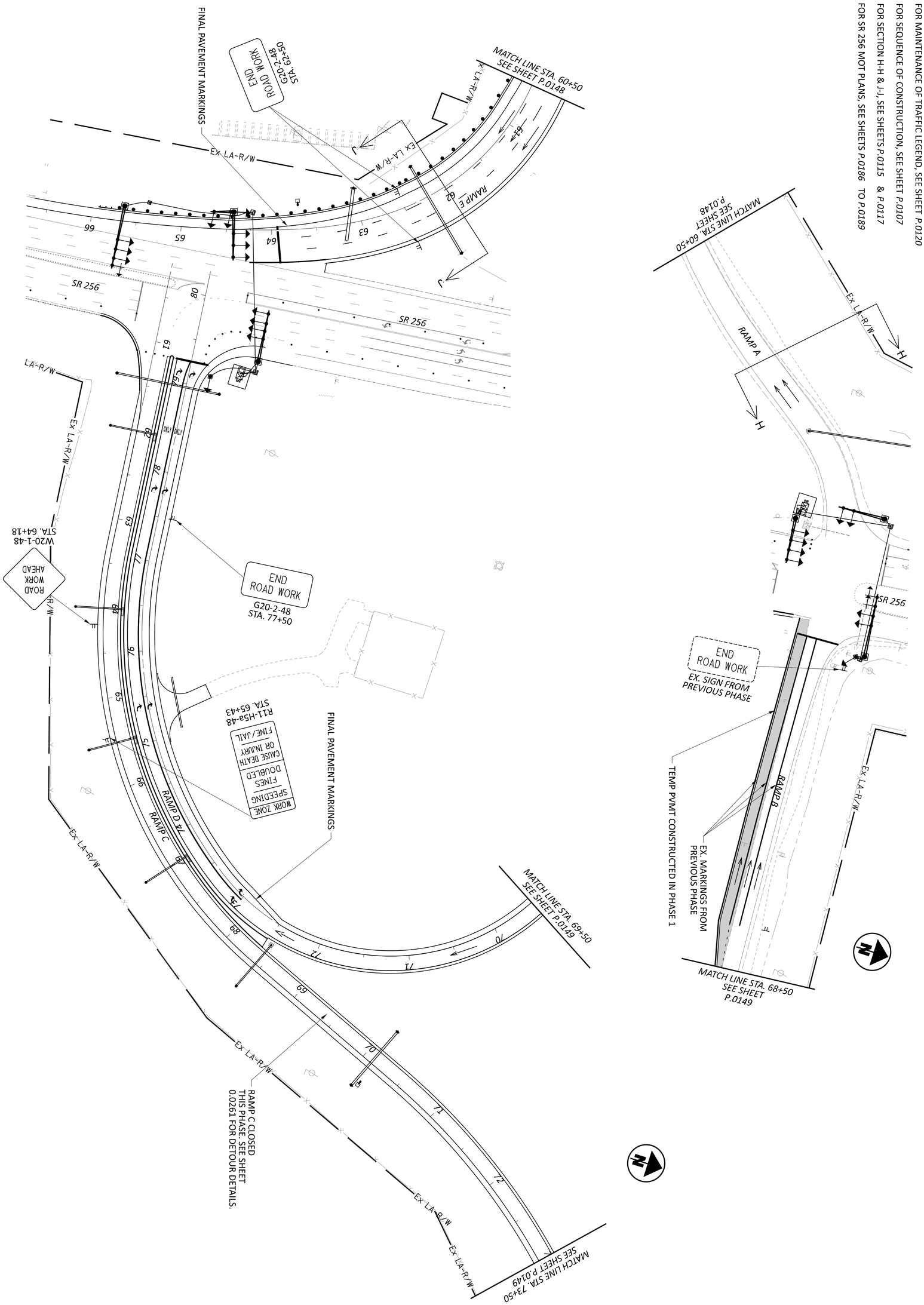
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTION H-H & J-J, SEE SHEETS *P.0115* & *P.0117*
4. FOR SR 256 MOT PLANS, SEE SHEETS *P.0186* TO *P.0189*



SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 0155	P 2024	96808	DRJ 08/07/26	TCW	GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 3
STATE ROUTE 256 RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

MODEL: 96808_MP311 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:58:02 PM USER: borr
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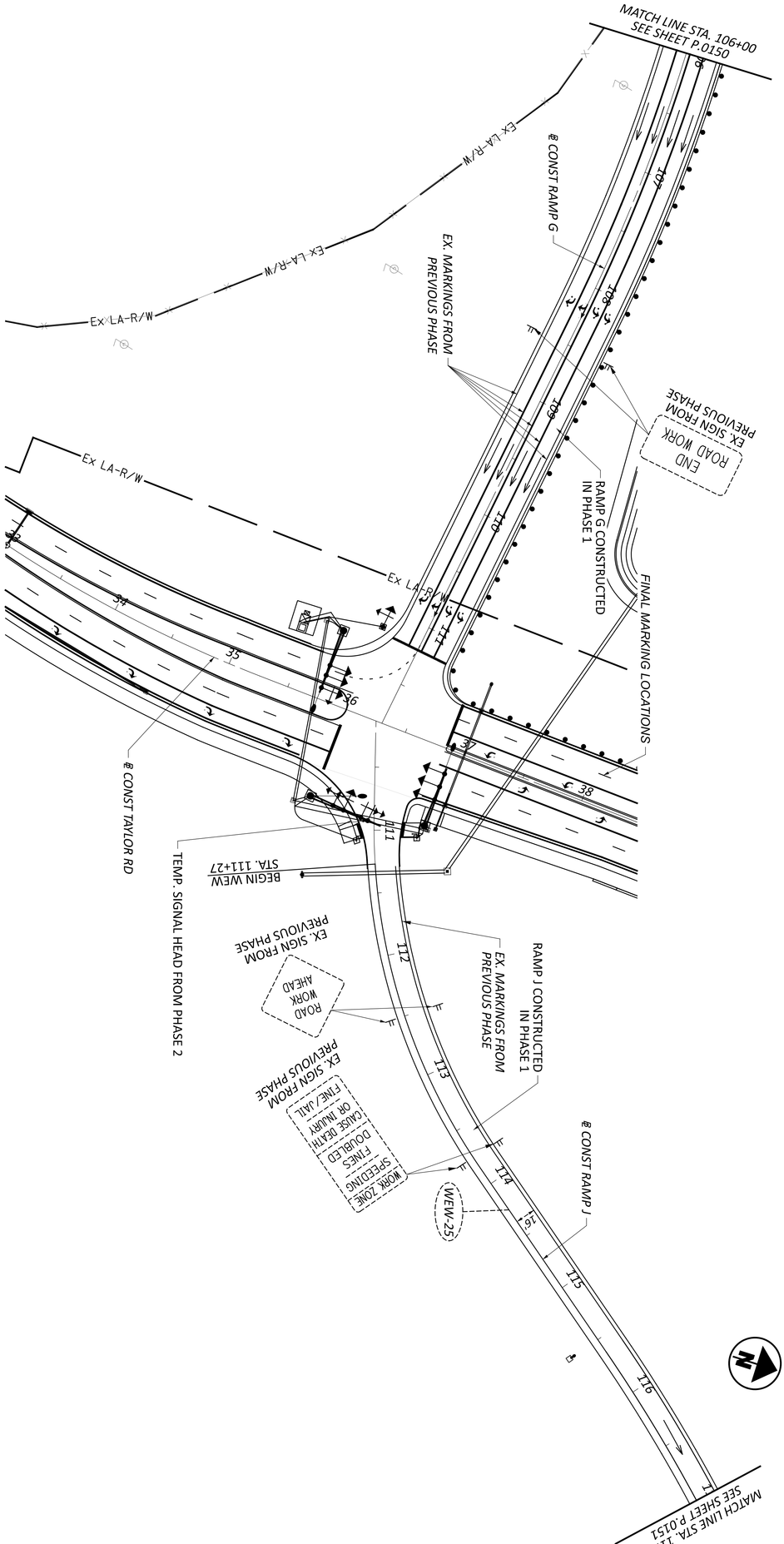


NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*

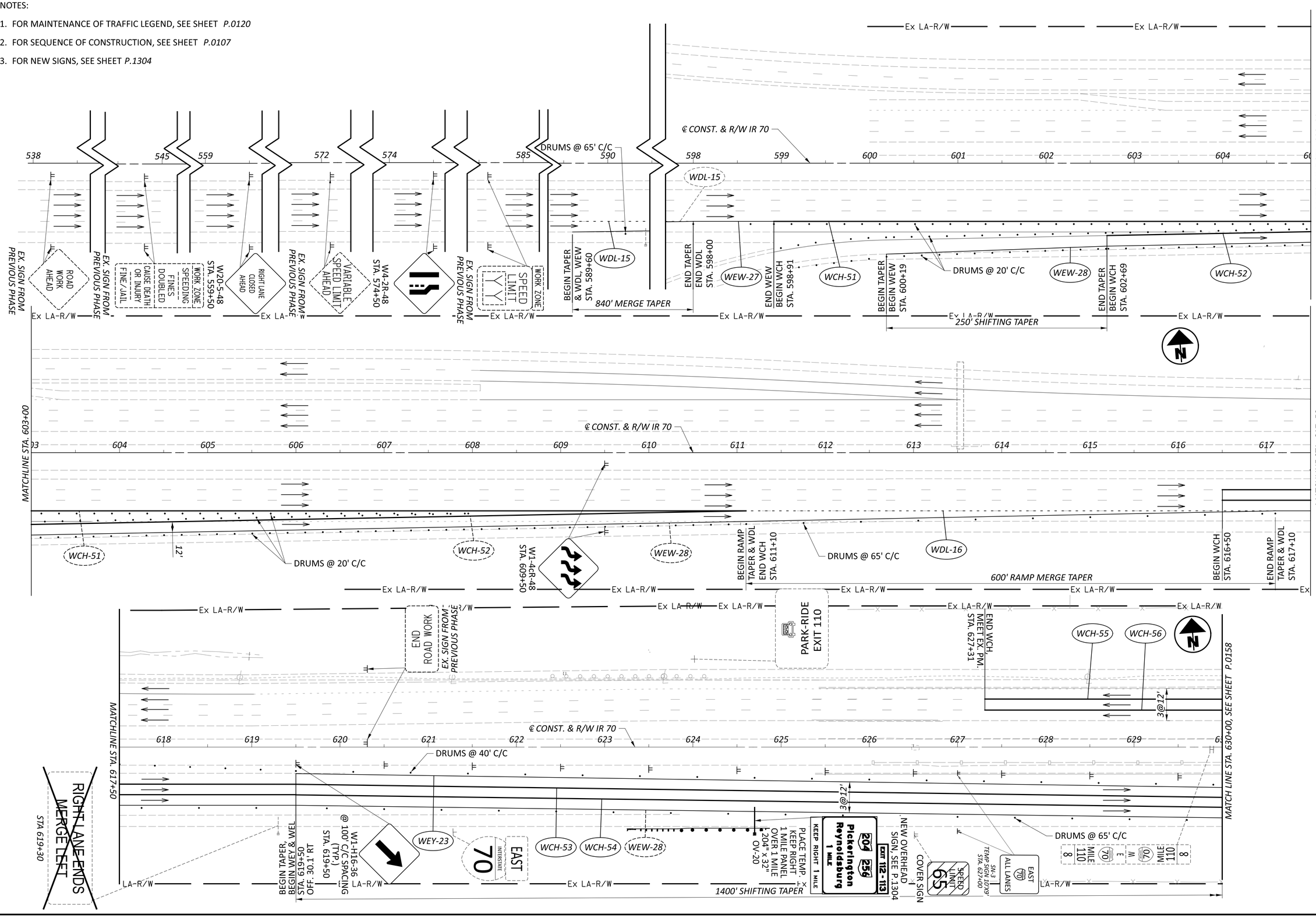
SHEET P.0156 / TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 3
TAYLOR ROAD - RAMPS G & J

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEET *P.1304*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
BEGIN WORK TO STA. 630+00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0157
TOTAL	P.2024

MODEL: 96808_MP402 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:58:37 PM USER: borr
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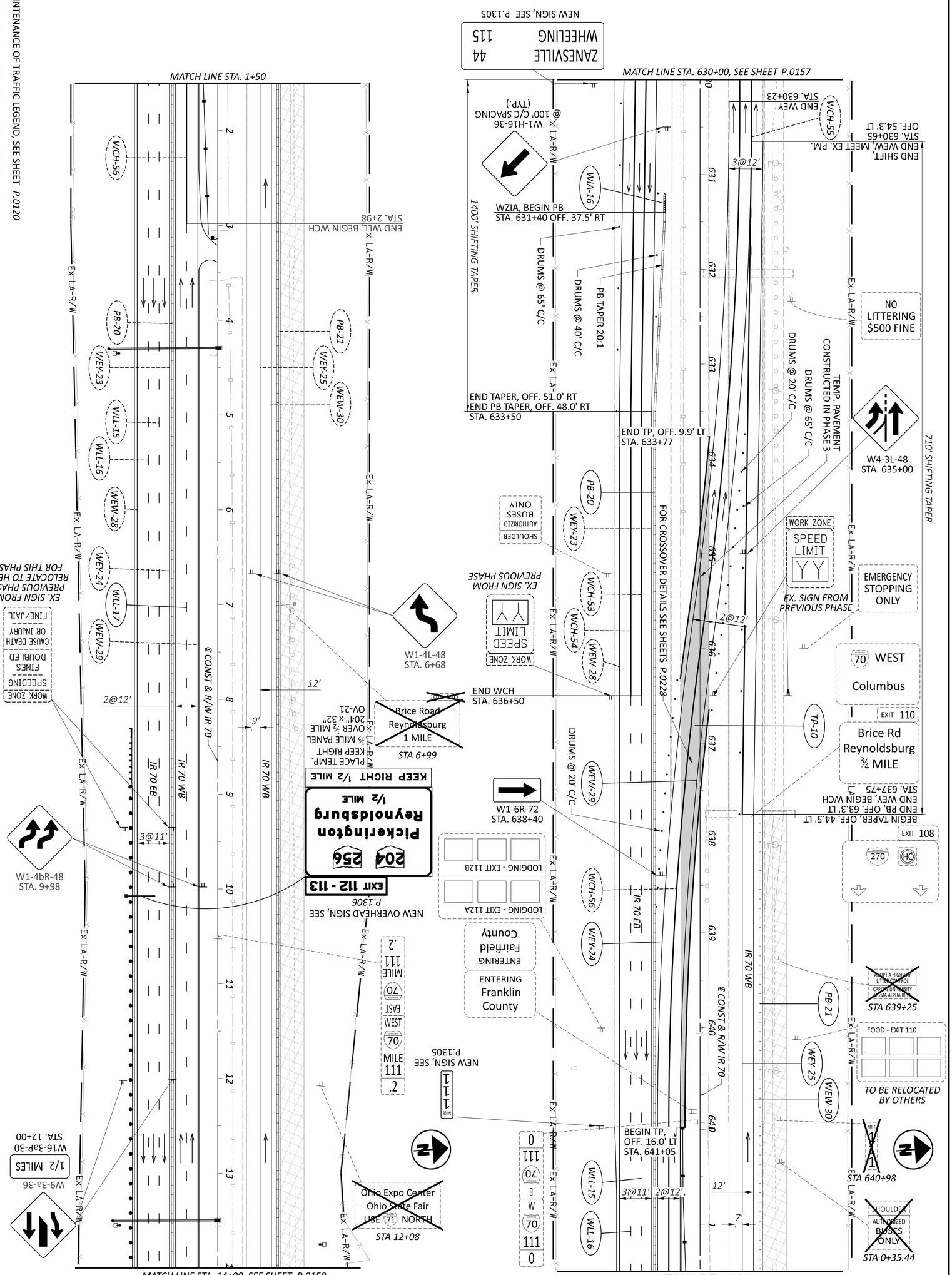
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEETS P.1305& P.1306

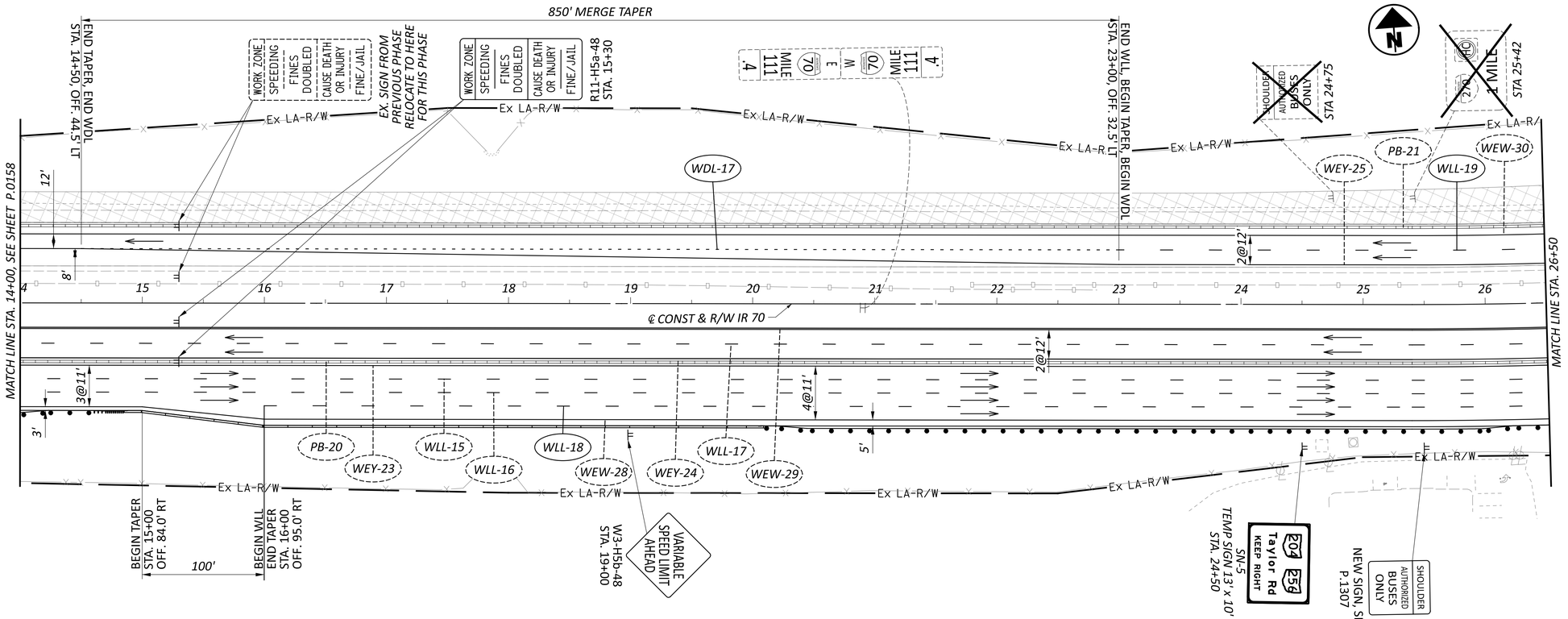


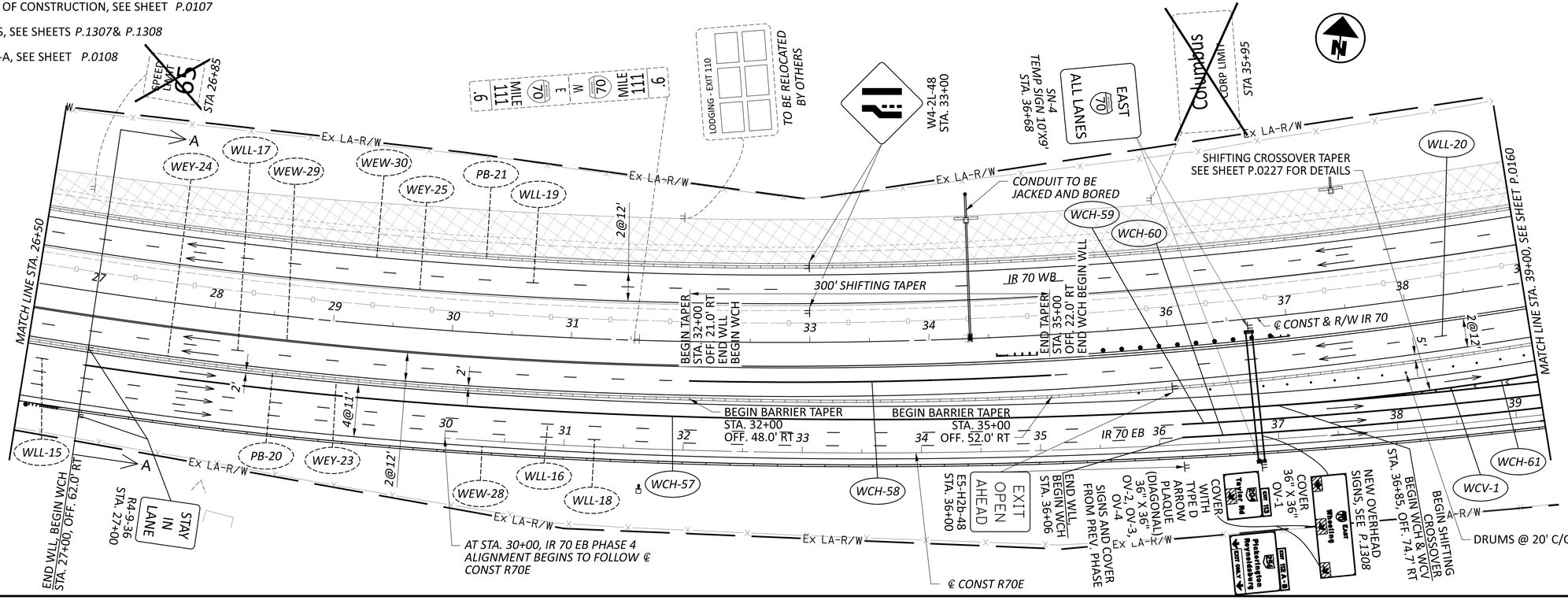
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
TCW	DRJ 08/07/26	96808	P 0158	P 2024

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 630+00 TO STA. 14+00

HORIZONTAL SCALE IN FEET
0 50
25 100





NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1307*& *P.1308*
4. FOR SECTION A-A, SEE SHEET *P.0108*

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 14+00 TO STA. 39+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0159
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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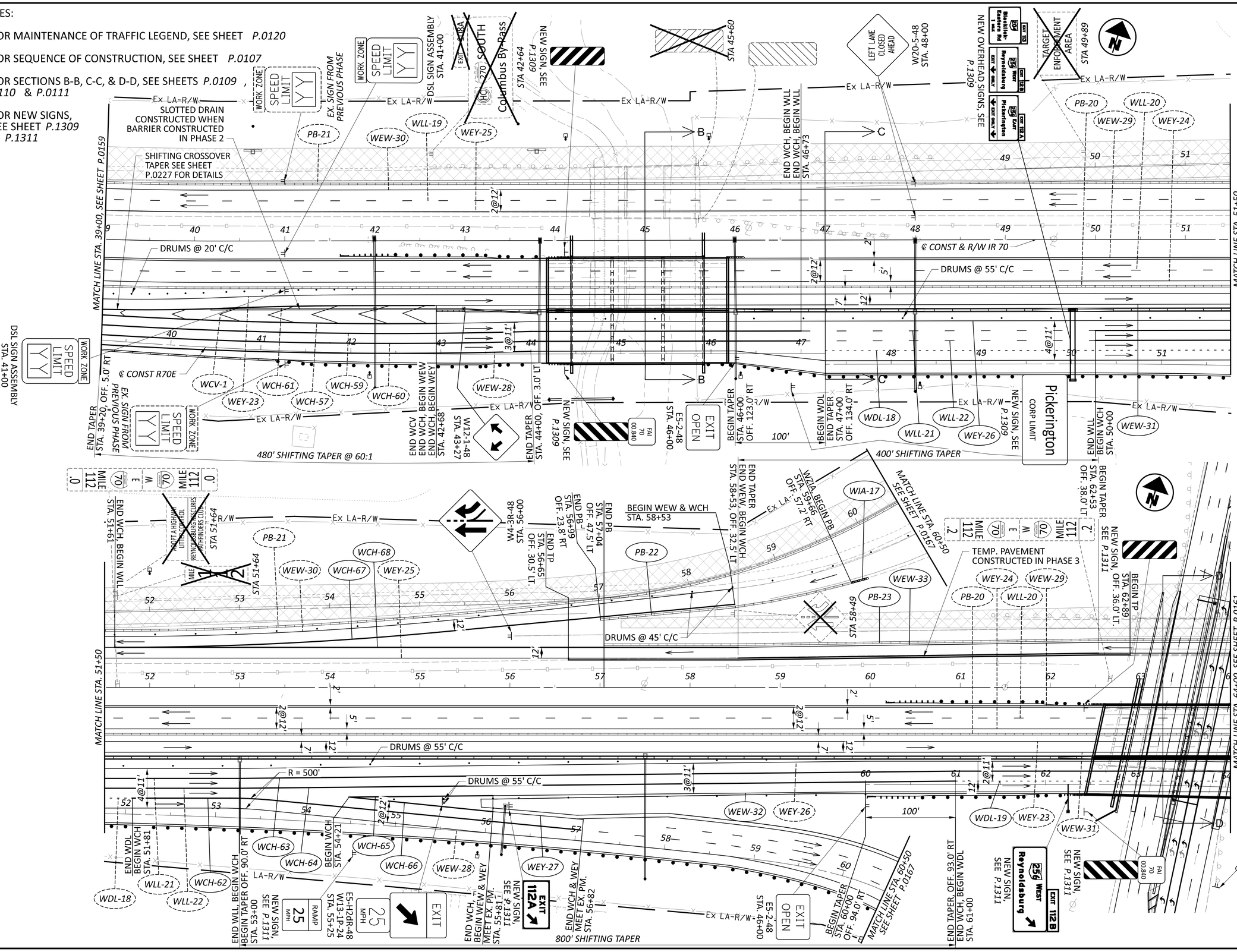
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.0109* , *P.0110* & *P.0111*
4. FOR NEW SIGNS, SEE SHEET *P.1309* & *P.1311*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 39+00 TO STA. 64+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0160
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP404 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:59:08 PM USER: borr
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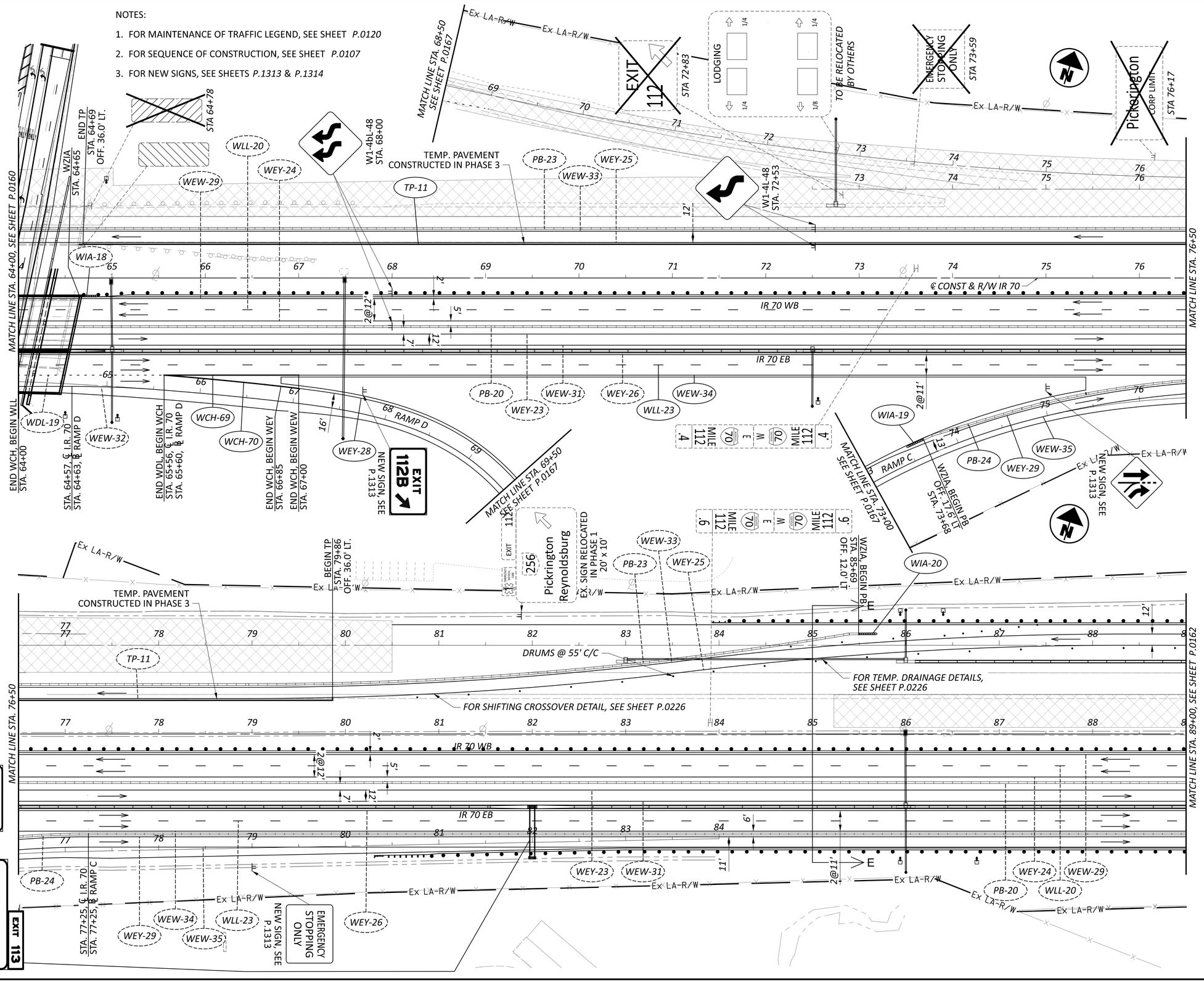
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1313* & *P.1314*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 64+00 TO STA. 89+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0161 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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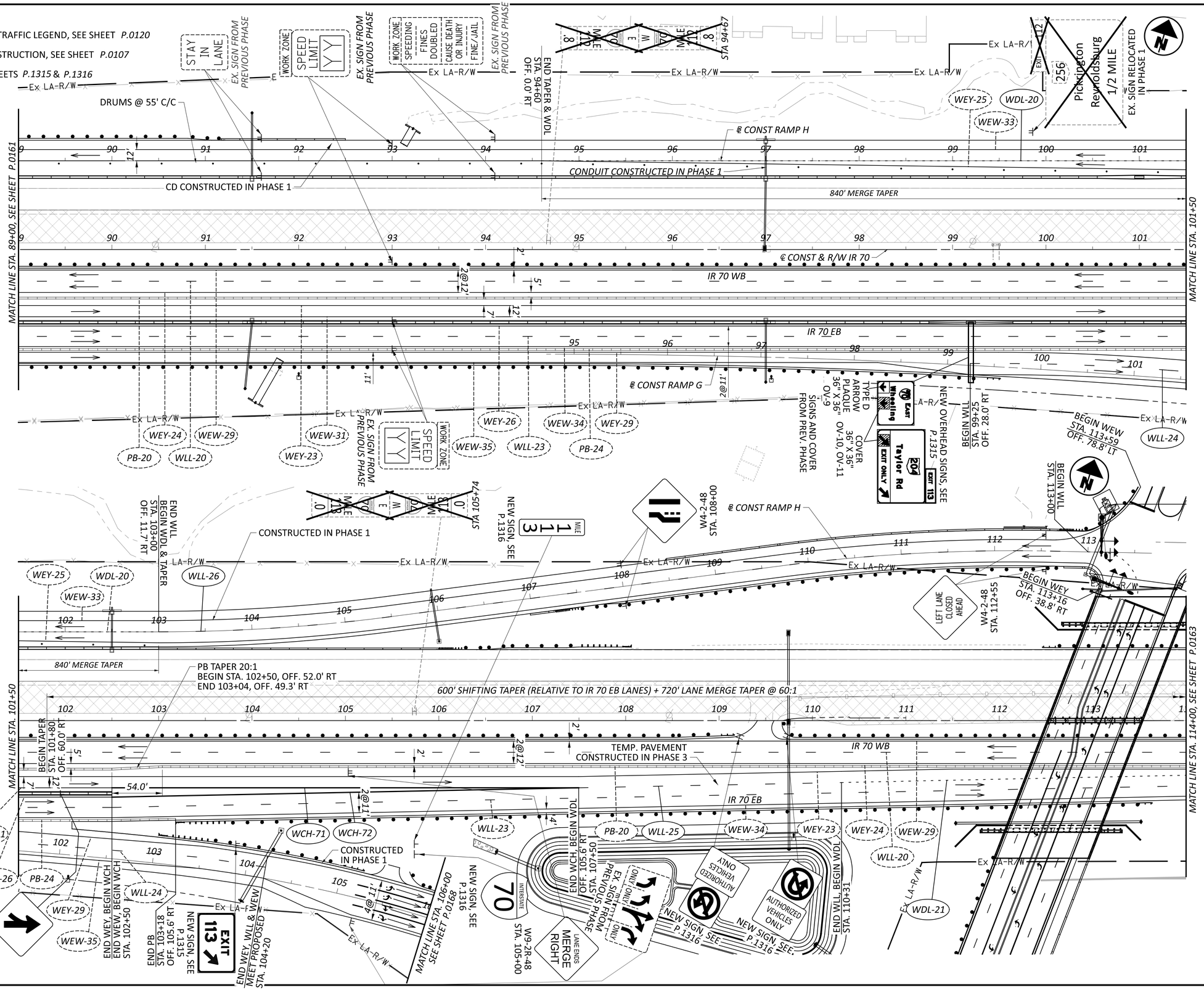
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1315* & *P.1316*



FAI/LIC-IR 70-0.00/0.00

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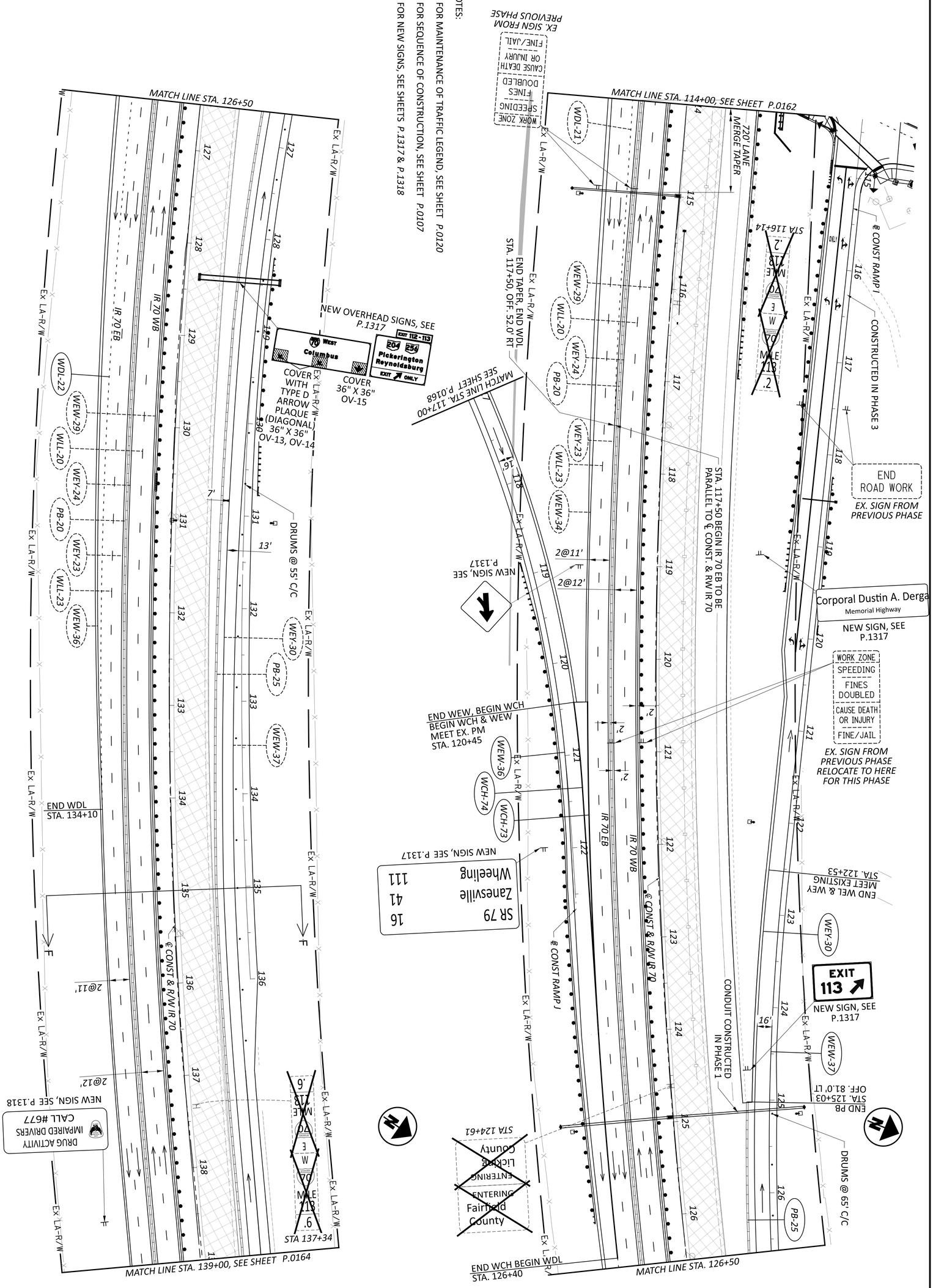
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEETS P.1317 & P.1318



DESIGN AGENCY: GANNETT FLEMING	DESIGNER: TCW	REVIEWER: DRJ 08/07/26	PROJECT ID: 96808	SHEET: P.0163 TOTAL: P.2024

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 114+00 TO STA.139+00

HORIZONTAL SCALE IN FEET
0 25 50 100

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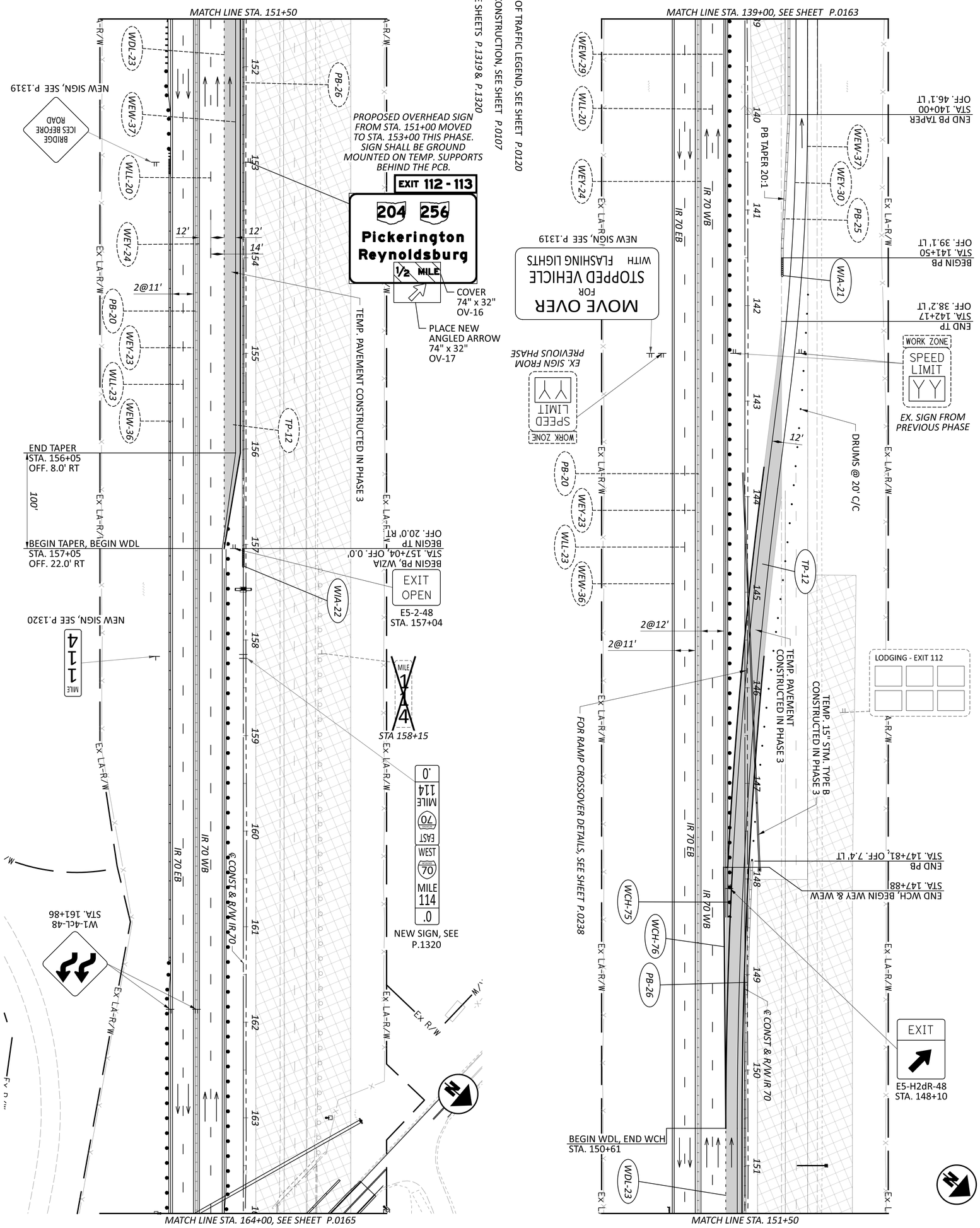
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEETS P.1319& P.1320



SHEET P.0164 TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW	GANNETT FLEMING DESIGN AGENCY	MAINTENANCE OF TRAFFIC - PHASE 4A STA. 139+00 TO STA.164+00

HORIZONTAL SCALE IN FEET
0 50
25 100

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP409 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 2:00:47 PM USER: borr
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HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 164+00 TO STA.189+00

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR CROSSOVER PLANS, SEE SHEET *P.0225*
4. FOR SECTION G-G, SEE SHEET *P.0114*
5. FOR NEW SIGNS, SEE SHEETS *P.1320* & *P.1321*

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0165
TOTAL	P.2024

MODEL: 96808_MP410 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 2:01:06 PM USER: borr
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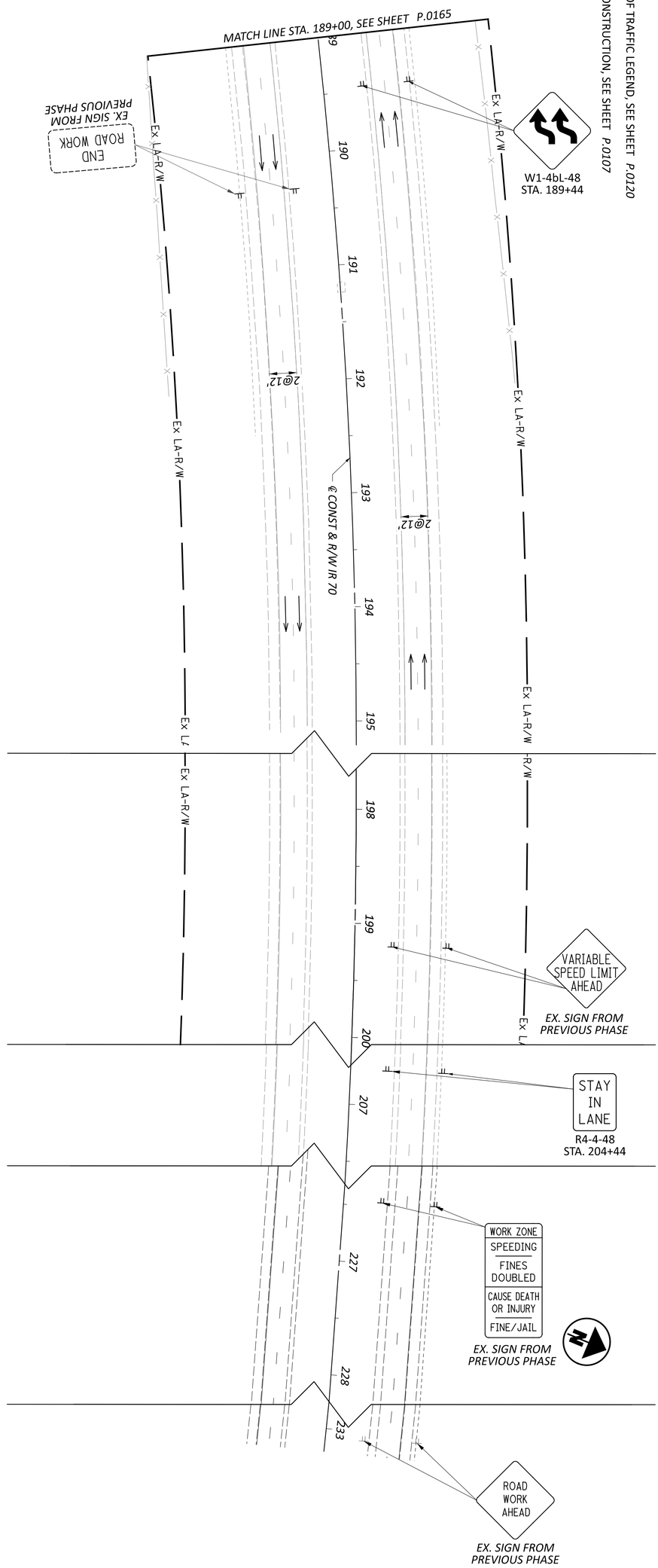
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107



SHEET	TOTAL
P.0166	P.2024

PROJECT ID: 96808

REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 4A
STA. 189+00 TO END WORK

HORIZONTAL SCALE IN FEET

0 50

25 100

MODEL: 96808_MP410 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 2:01:22 PM USER: borr
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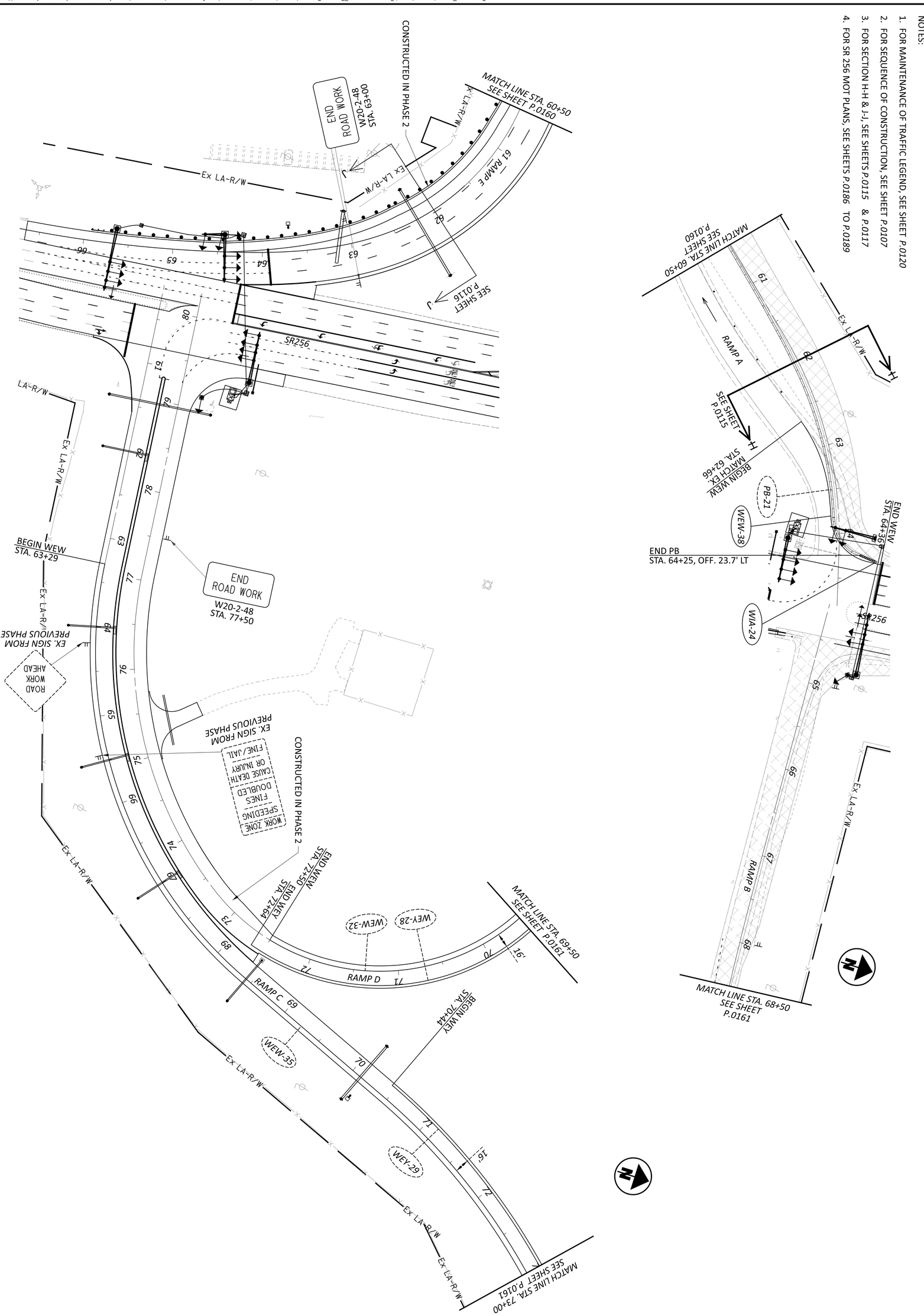
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTION H-H & J-J, SEE SHEETS *P.0115* & *P.0117*
4. FOR SR 256 MOT PLANS, SEE SHEETS *P.0186* TO *P.0189*



SHEET P.0167	TOTAL P.2024	PROJECT ID 96808	REVIEWER DRJ 08/07/26	DESIGNER TCW	DESIGN AGENCY GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 4A
STATE ROUTE 256 RAMPS A, B, C, D, & E

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A
TAYLOR ROAD - RAMPS G & J

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0168 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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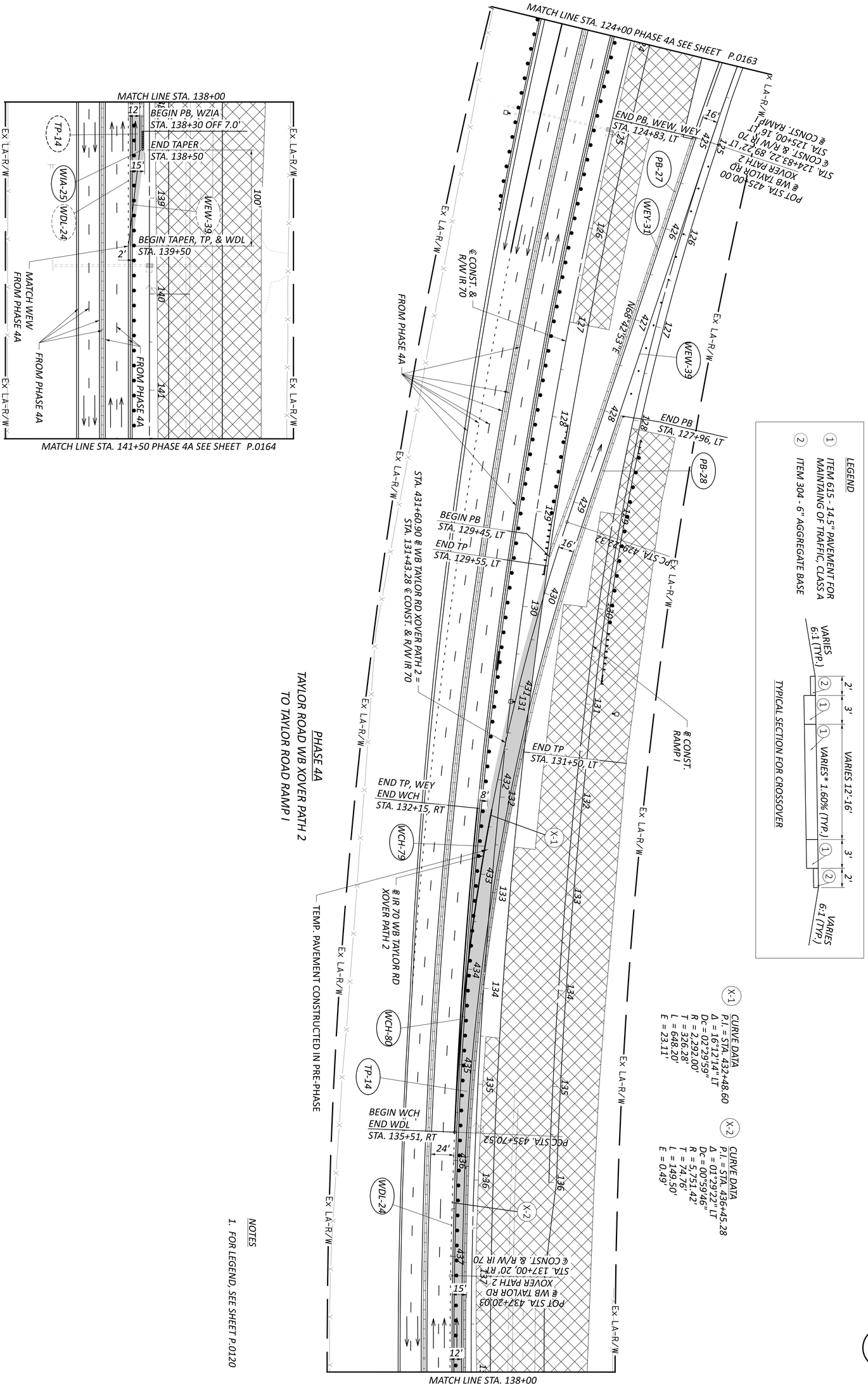


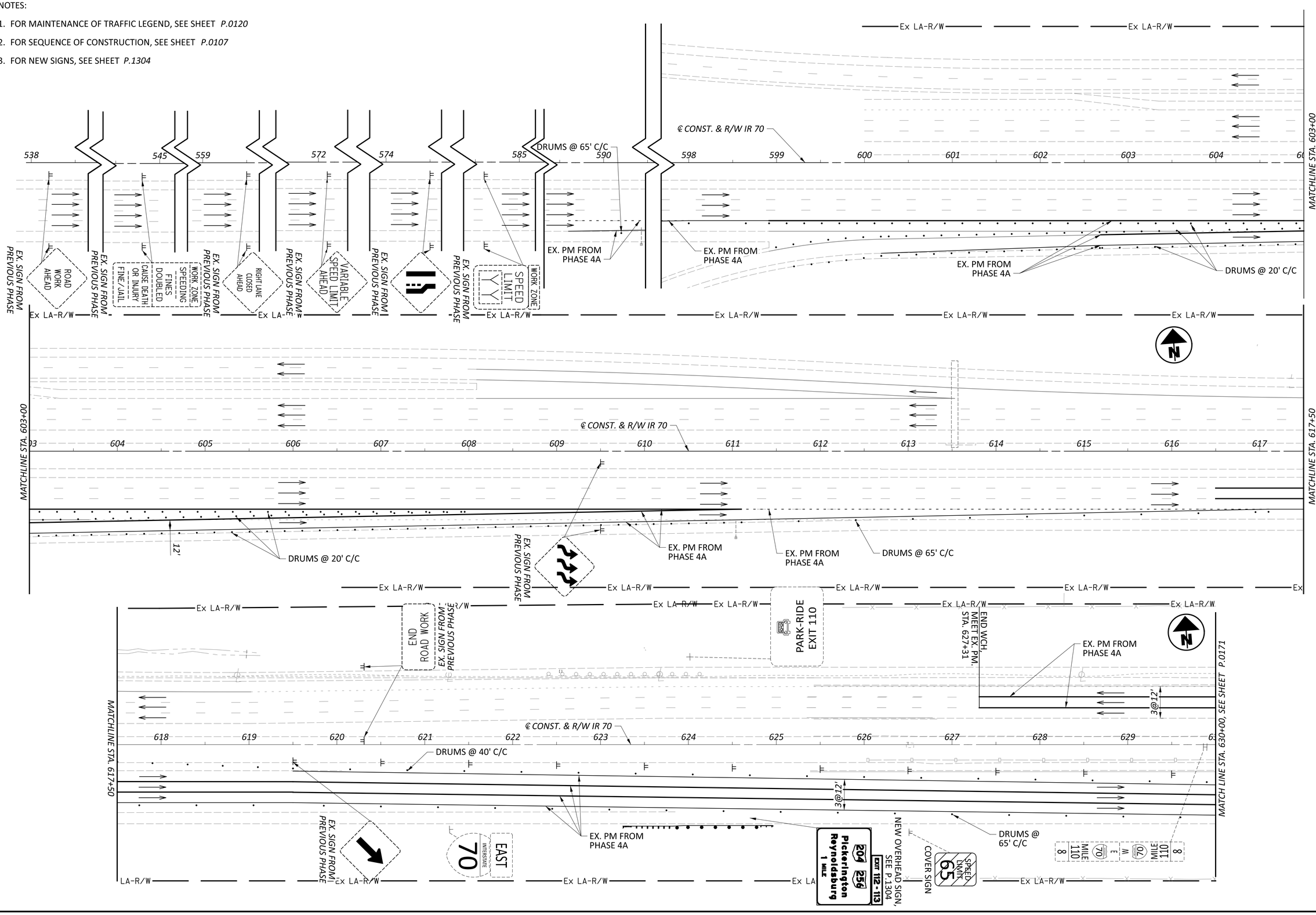
DESIGN AGENCY: GANNETT FLEMING
DESIGNER: JAS
REVIEWER: DRJ 4/25/25
PROJECT ID: 96808
SHEET: P.0169 TOTAL: P.2024

MAINTENANCE OF TRAFFIC - TAYLOR ROAD WB EXIT SECONDARY PATH

HORIZONTAL SCALE IN FEET
0 25 50 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEET *P.1304*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
BEGIN WORK TO STA. 630+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0170 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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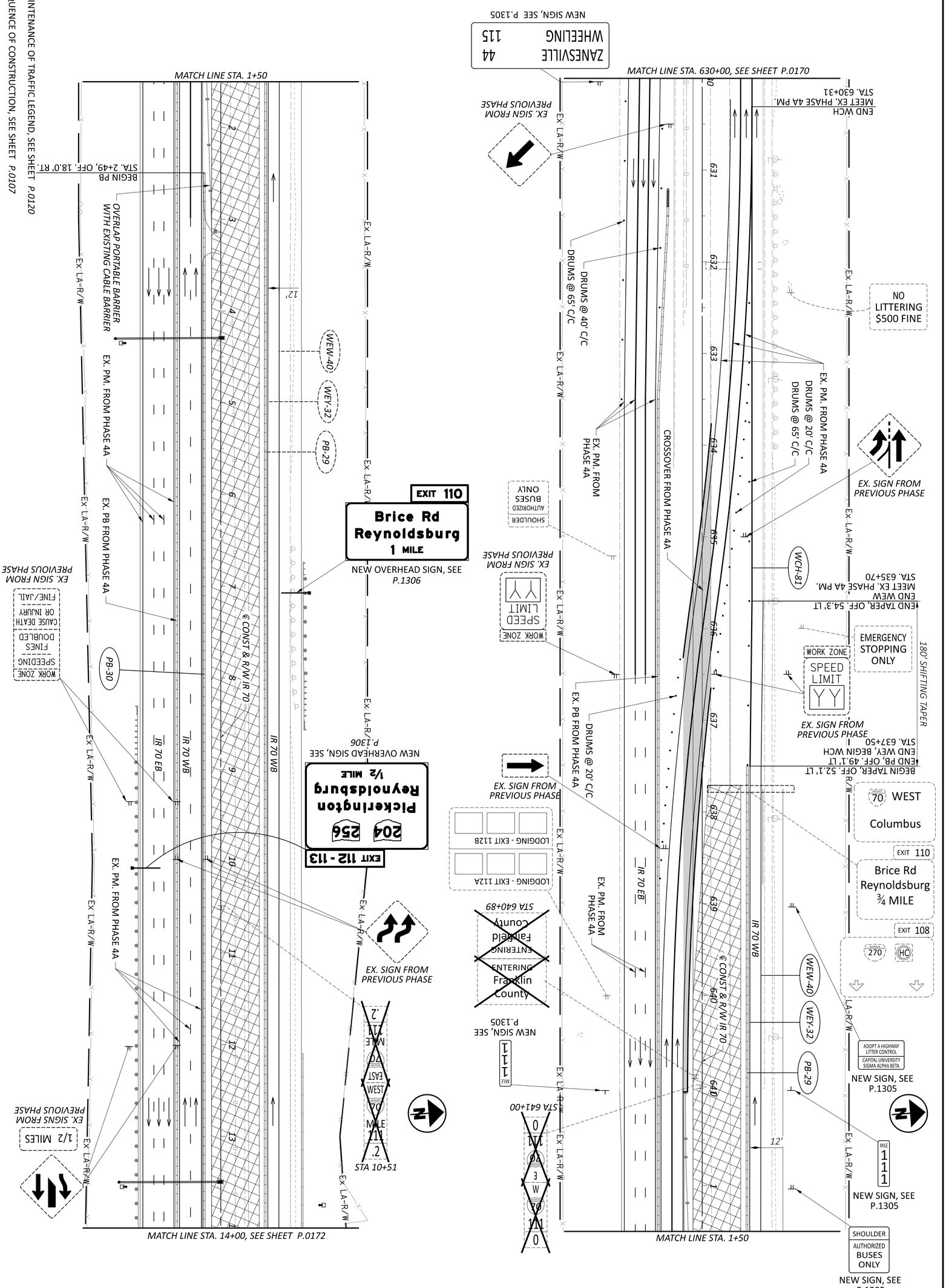
NOTES:

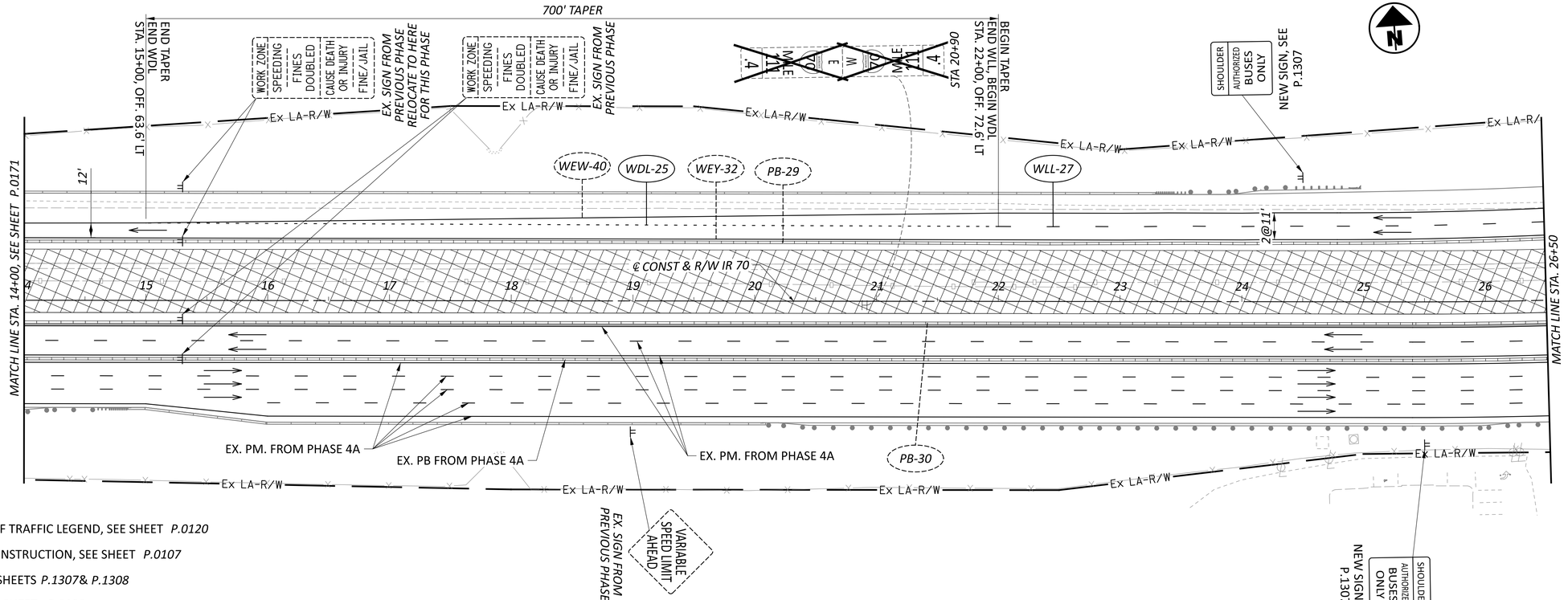
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1305*& *P.1306*



MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 630+00 TO STA.14+00

DESIGN AGENCY: GANNETT FLEMING	DESIGNER: TCW	REVIEWER: DRJ 04-18-25	PROJECT ID: 96808
SHEET: P.0171	TOTAL: P.2024		

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR NEW SIGNS, SEE SHEETS *P.1307*& *P.1308*
4. FOR SECTION A-A, SEE SHEET *P.0108*

HORIZONTAL
SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 14+00 TO STA. 39+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0172
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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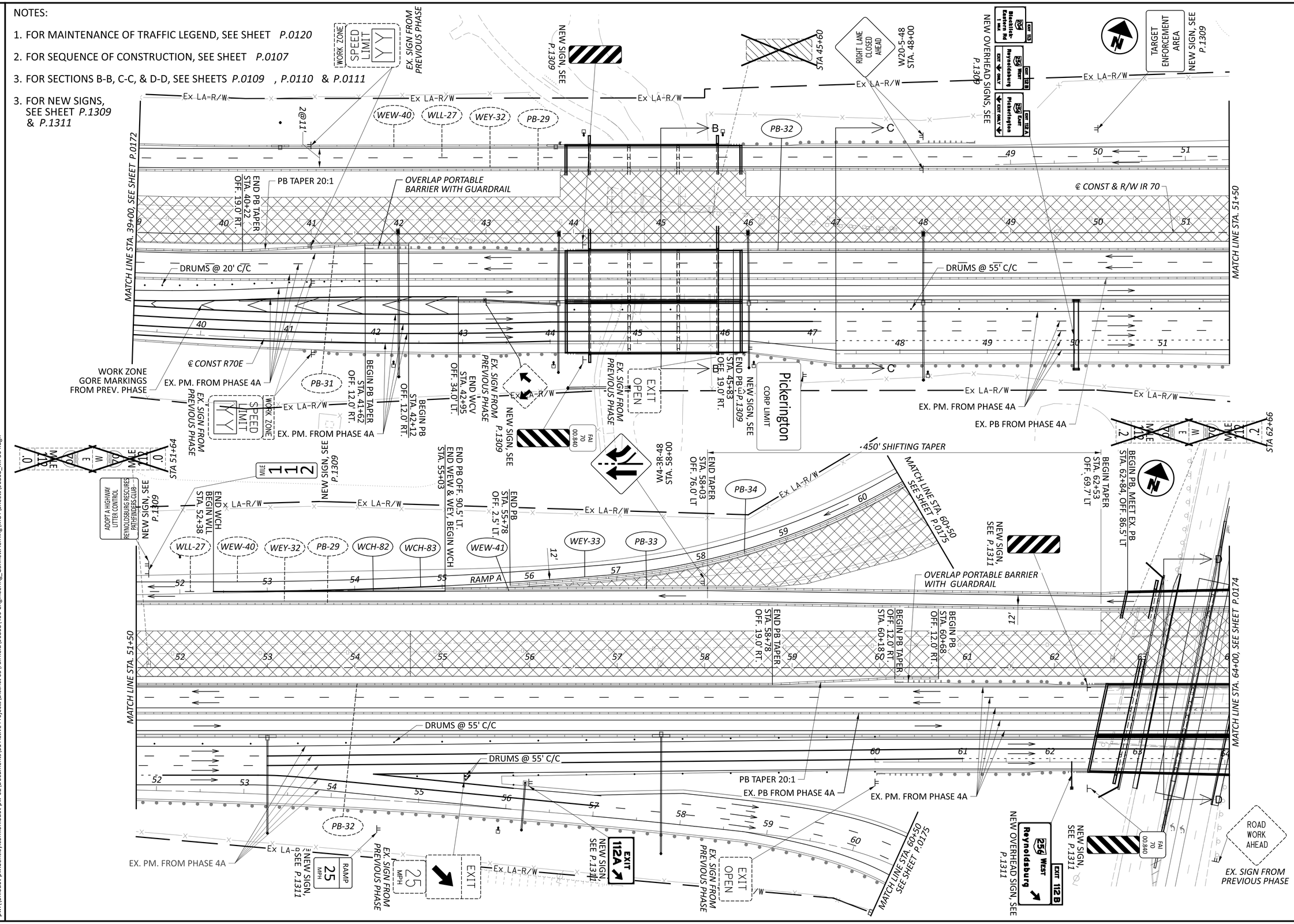
NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTIONS B-B, C-C, & D-D, SEE SHEETS *P.0109* , *P.0110* & *P.0111*
3. FOR NEW SIGNS, SEE SHEET *P.1309* & *P.1311*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 39+00 TO STA.64+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0173
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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NOTES:
1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET P.0120
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET P.0107
3. FOR NEW SIGNS, SEE SHEETS P.1313 & P.1314

MATCH LINE STA. 64+00, SEE SHEET P.0173

END TAPER STA. 64+13

EX. PM. FROM PHASE 4A

FAI 70 00.840

NEW SIGN, SEE P.1311

STA 64+78

EX. SIGN FROM PREVIOUS PHASE

25 MPH

EXIT

EMERGENCY STOPPING ONLY

NEW SIGN, SEE P.1313

MATCH LINE STA. 68+50 PHASE 4B, SEE SHEET P.0175

840' SHIFTING TAPER

DRUMS @ 40' C/C

WEW-41

WEY-32

PB-29

EXIT 112

NEW SIGN, SEE P.1313

BEGIN PB STA. 72+50 MATCH EX. PB

BEGIN TAPER MATCH EX. PM. STA. 72+53

W1-H16-36 @ 100' C/C SPACING STA. 72+53

Pickerington CORP LIMIT

NEW SIGN, SEE P.1313

MATCH LINE STA. 76+50

RAMP B

RAMP C

RAMP D

IR 70 EB

IR 70 WB

EX. PB FROM PHASE 4A

EX. PM. FROM PHASE 4A

℄ CONST & R/W IR 70

EXIT 112B

NEW SIGN, SEE P.1313

MATCH LINE STA. 69+50 PHASE 4A, SEE SHEET P.0167

MATCH LINE STA. 73+00 PHASE 4A, SEE SHEET P.0167

STA 73+61

STA 83+91

870' SHIFTING TAPER

NEW SIGN, SEE P.1313

MATCH LINE STA. 87+50, SEE SHEET P.0161
MATCH PHASE 4A

BEGIN WEY & WDL BEGIN TAPER MATCH PHASE 4A PM. STA. 87+50, OFF 0.0'

CONSTRUCT BARRIER GAP FROM CROSSOVER IN THIS PHASE

BARRIER CONSTRUCTED IN PHASE 4A

END WDL MATCH EX. PM. STA. 78+00

WDL-36

WEY-32

END TAPER STA. 78+80 OFF. 13.3' RT.

EX. PB FROM PHASE 4A

EX. PM. FROM PHASE 4A

Ex LA-R/W

EXIT 112

256

Pickrington
Reynoldsburg

EX. SIGN RELOCATED IN PHASE 1

EXIT 113

204
Taylor Rd
1/2 MILE

EXIT ONLY

EAST
70
Wheeling

NEW OVERHEAD SIGNS, SEE P.1314

TYPE D ARROW 32" X 22"
COVER PLAQUE 32" X 22"
TYPE D ARROW PLAQUE 32" X 22"

NEW SIGN, SEE P.1313

EMERGENCY STOPPING ONLY

MATCH LINE STA. 76+50

SHEET	TOTAL
P.0174	P.2024

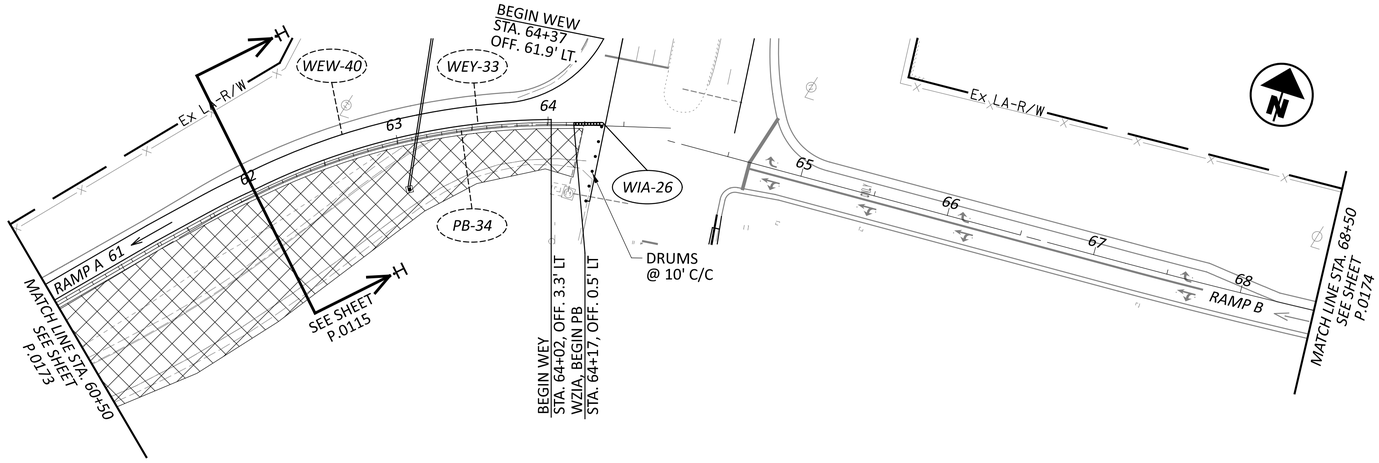
PROJECT ID: 96808
REVIEWER: DRJ 04-18-25
DESIGNER: TCW
DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 4B
STA. 64+00 TO STA. 87+50

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:

1. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET *P.0120*
2. FOR SEQUENCE OF CONSTRUCTION, SEE SHEET *P.0107*
3. FOR SECTION H-H, SEE SHEETS *P.0115*
4. FOR SR 256 MOT PLANS, SEE SHEETS *P.0186* TO *P.0189*



HORIZONTAL
SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B
STATE ROUTE 256 RAMPS A & B

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 04-18-25
PROJECT ID	96808
SHEET	P.0175
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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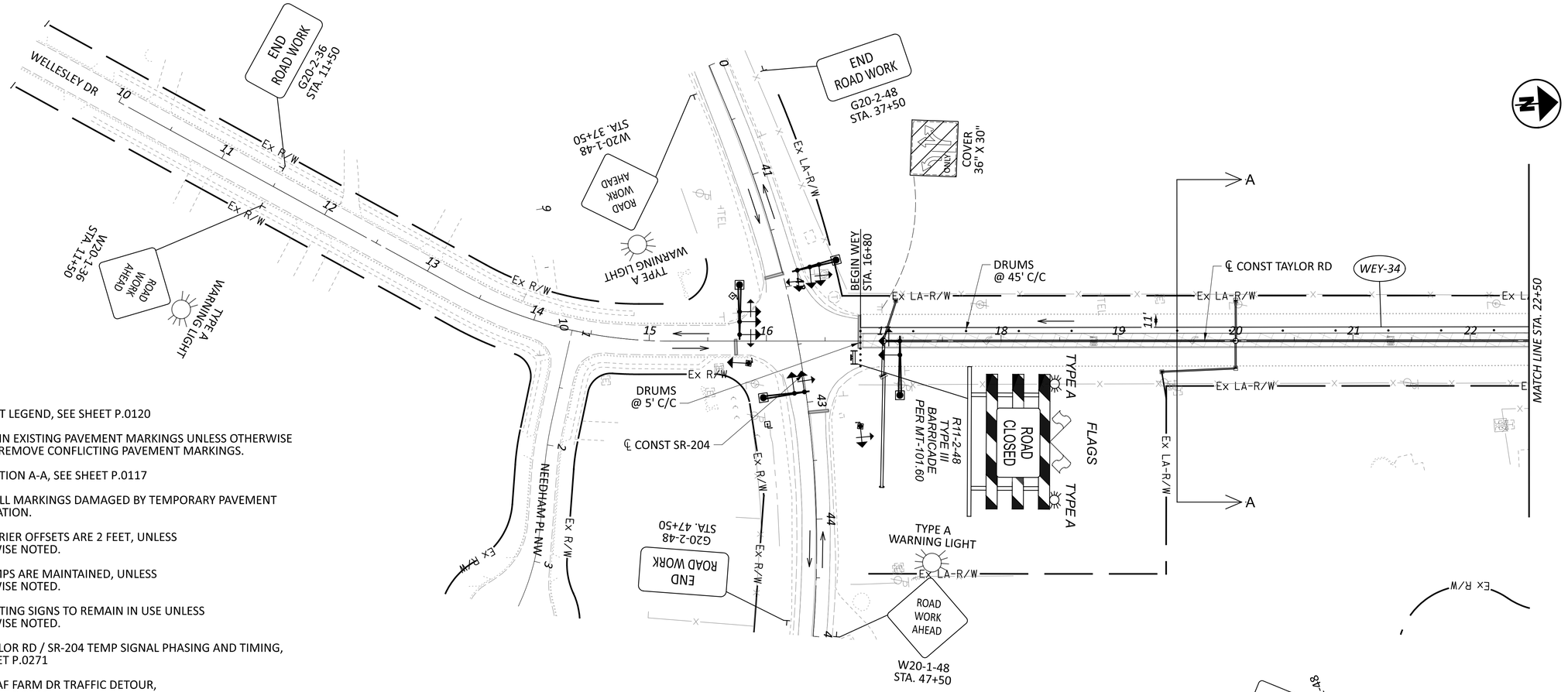

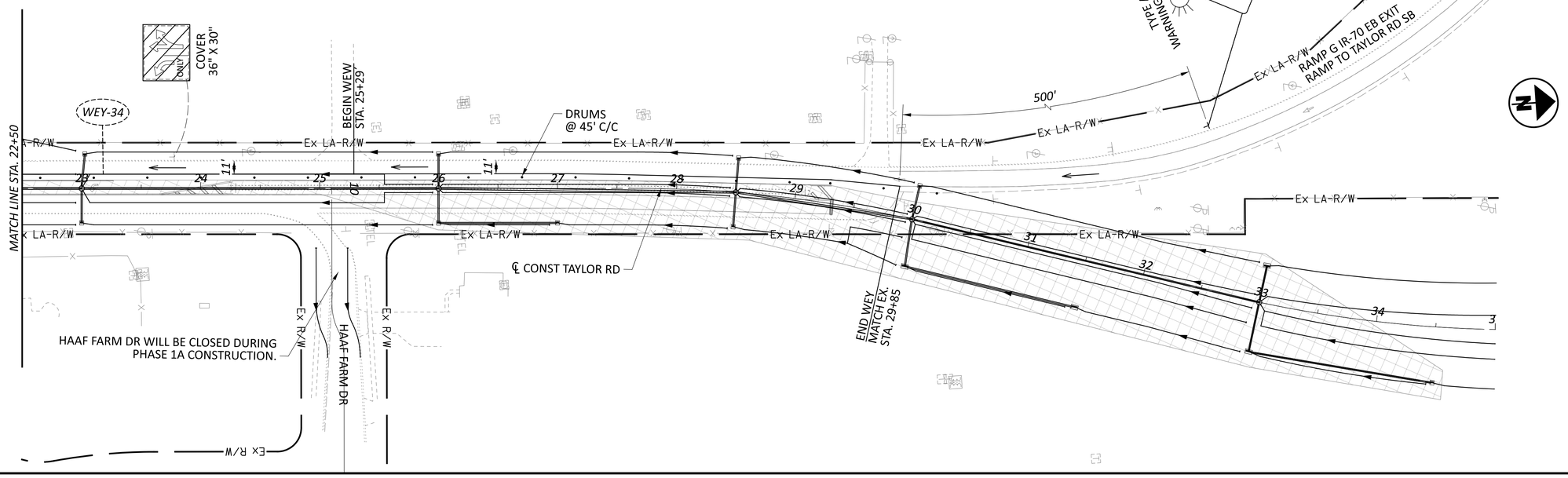

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.0117
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
8. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0271
9. FOR HAAF FARM DR TRAFFIC DETOUR, SEE SHEET P.0266

MAINTENANCE OF TRAFFIC - PHASE 1A
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 - STA 40+00 TO STA 45+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0176 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP151A PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 2:04:24 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MP151A.dgn

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.0117
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0271

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1B
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 - STA 40+00 TO STA 45+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0177 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP151 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 2:04:50 PM USER: borr
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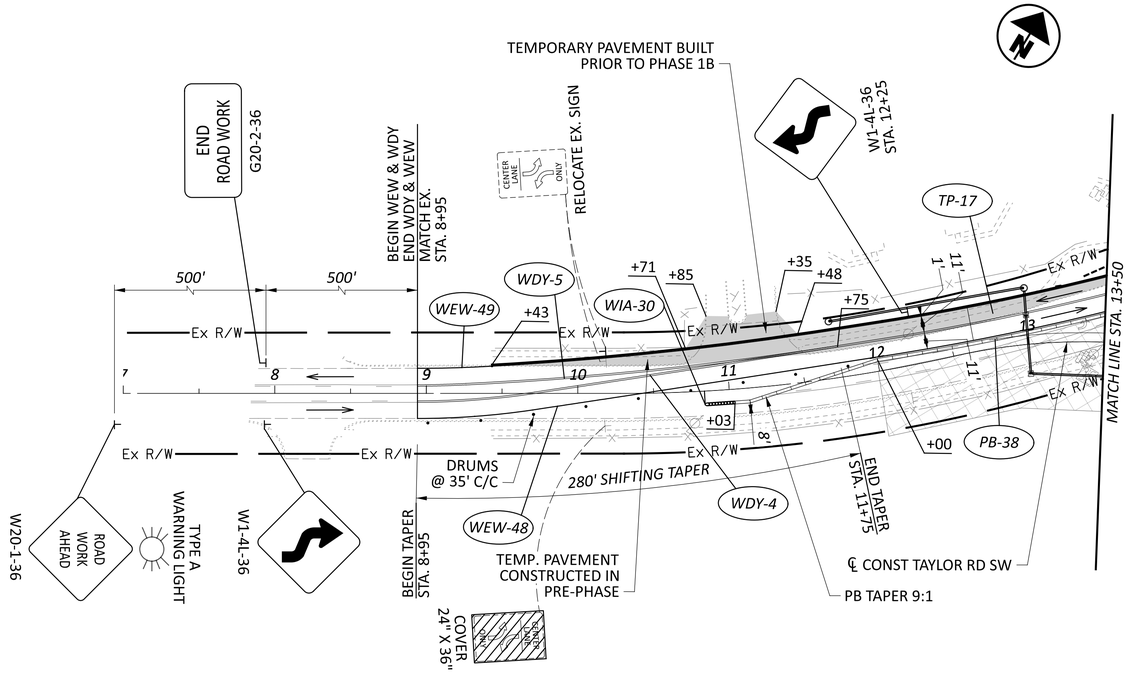

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION B-B, SEE SHEET P.0118
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.
6. THE SCHOOL SIGNAL SHALL BE OPERATIONAL DURING SCHOOL YEAR.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1B
TAYLOR ROAD SW - STA 7+50 TO STA 63+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0178
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP152 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:38:08 PM USER: borr
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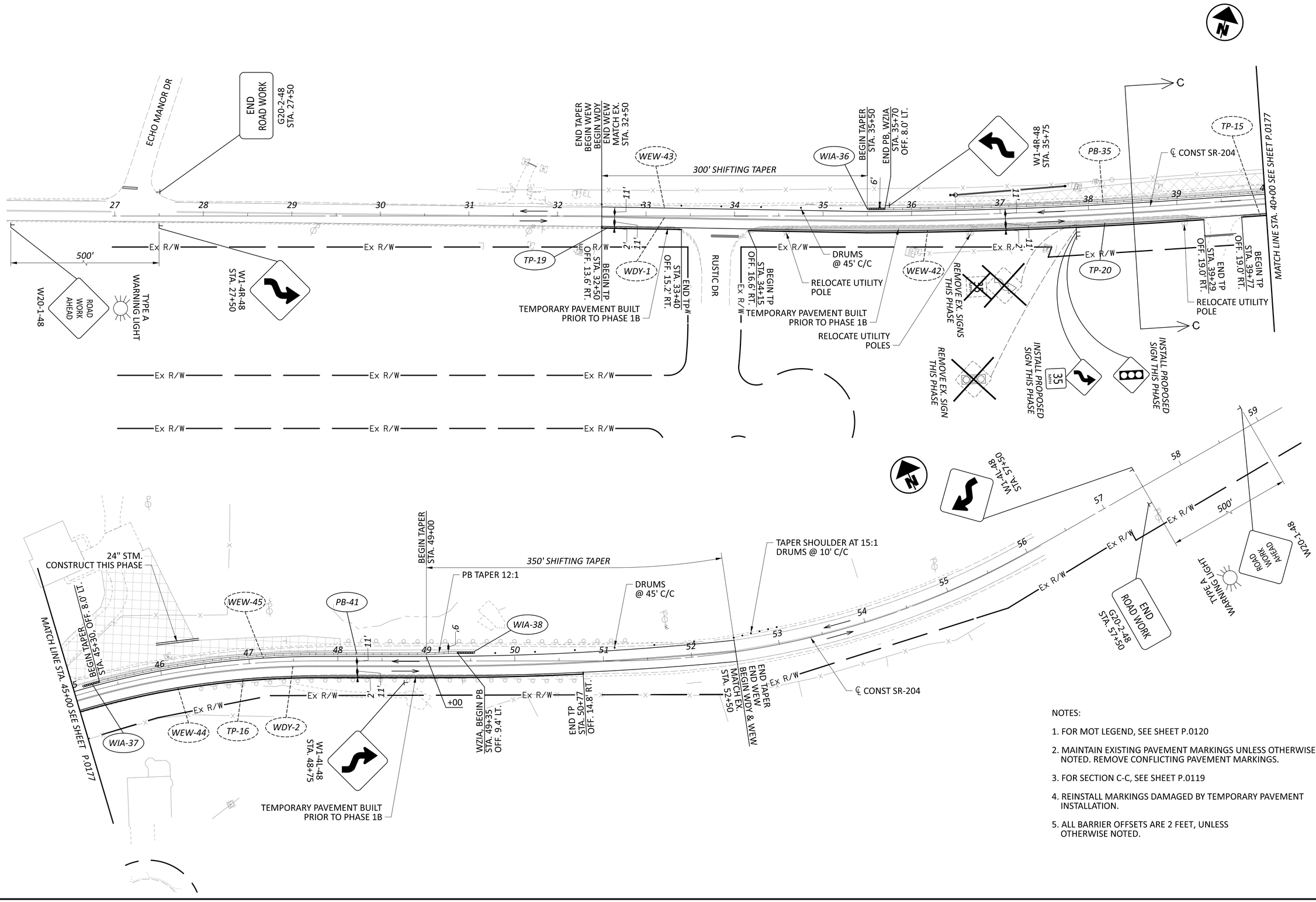
MAINTENANCE OF TRAFFIC - PHASE 1B
SR-204 - STA 27+00 TO STA 40+00, STA 45+00 TO STA 59+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION C-C, SEE SHEET P.0119
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0179 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION A-A, SEE SHEET P.0117
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
6. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
7. FOR TAYLOR RD / SR-204 TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0271
8. FOR HAAF FARM DR TRAFFIC DETOUR, SEE SHEET P.0266

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1C
TAYLOR ROAD - STA 10+00 TO STA 35+00, SR-204 STA 40+00 TO STA 45+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0180
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP153 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:38:51 PM USER: borr
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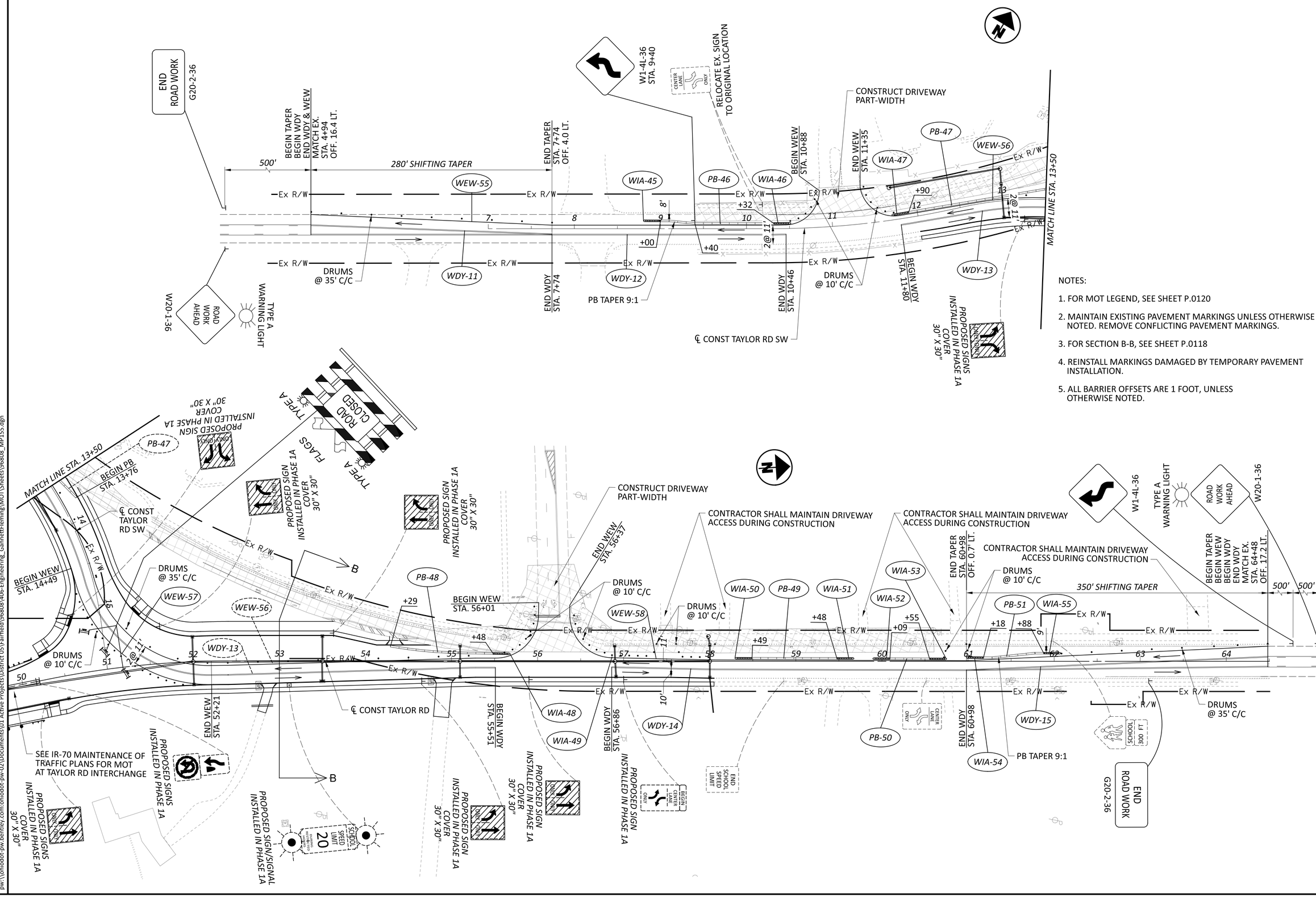

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION B-B, SEE SHEET P.0118
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1C
TAYLOR ROAD SW - STA 7+50 TO STA 63+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0181 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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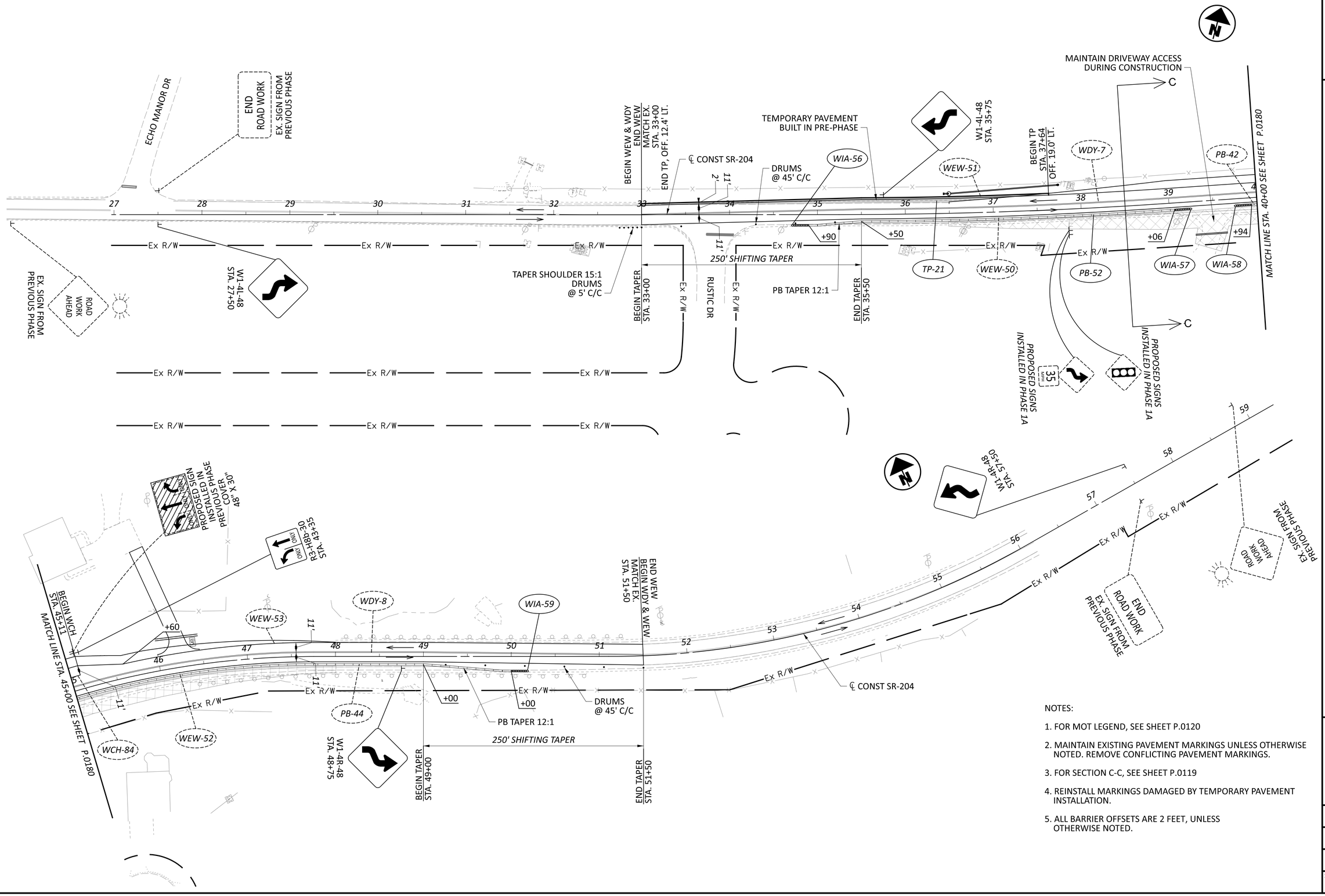
MAINTENANCE OF TRAFFIC - PHASE 1C
SR-204 - STA 27+00 TO STA 40+00, STA 45+00 TO STA 59+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. FOR SECTION C-C, SEE SHEET P.0119
4. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
5. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0182 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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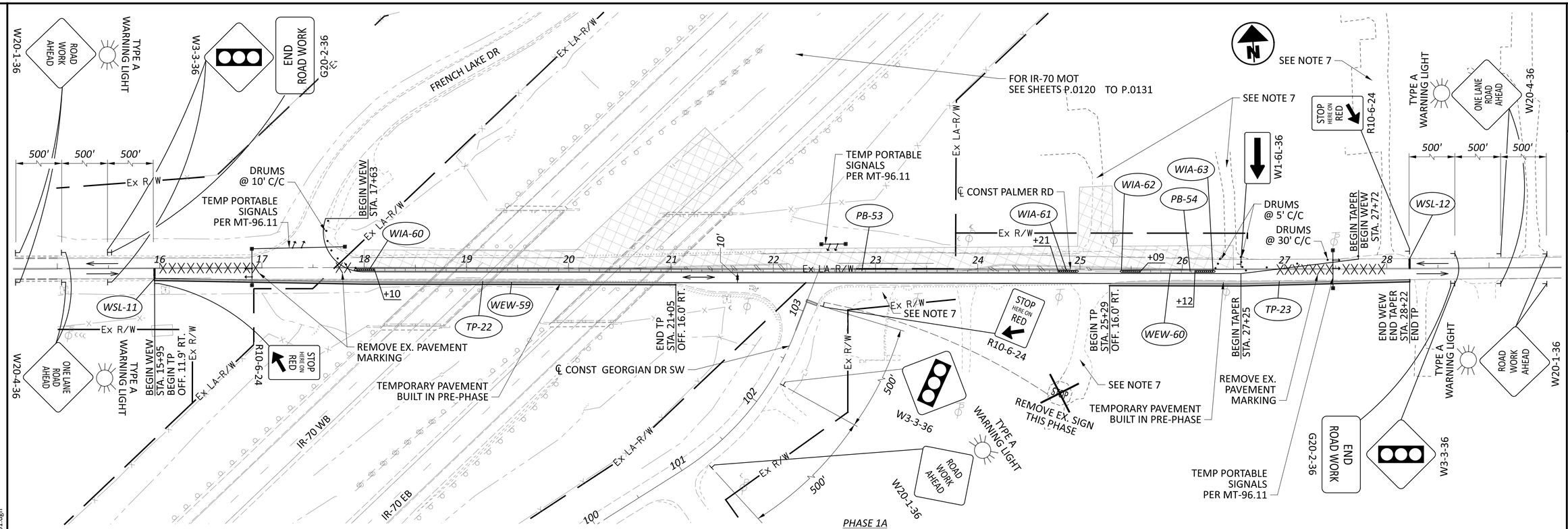
MAINTENANCE OF TRAFFIC - PHASE 1A/1B
PALMER ROAD - STA 16+50 TO STA 28+00

HORIZONTAL SCALE IN FEET
0 25 50 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 1 FOOT, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0272
7. CONTRACTOR SHALL MAINTAIN DRIVE AT ALL TIMES BY USING A RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL (RDTS). SEE SHEET P.0106 FOR DETAILS.

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0183
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP161 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:39:57 PM USER: borr
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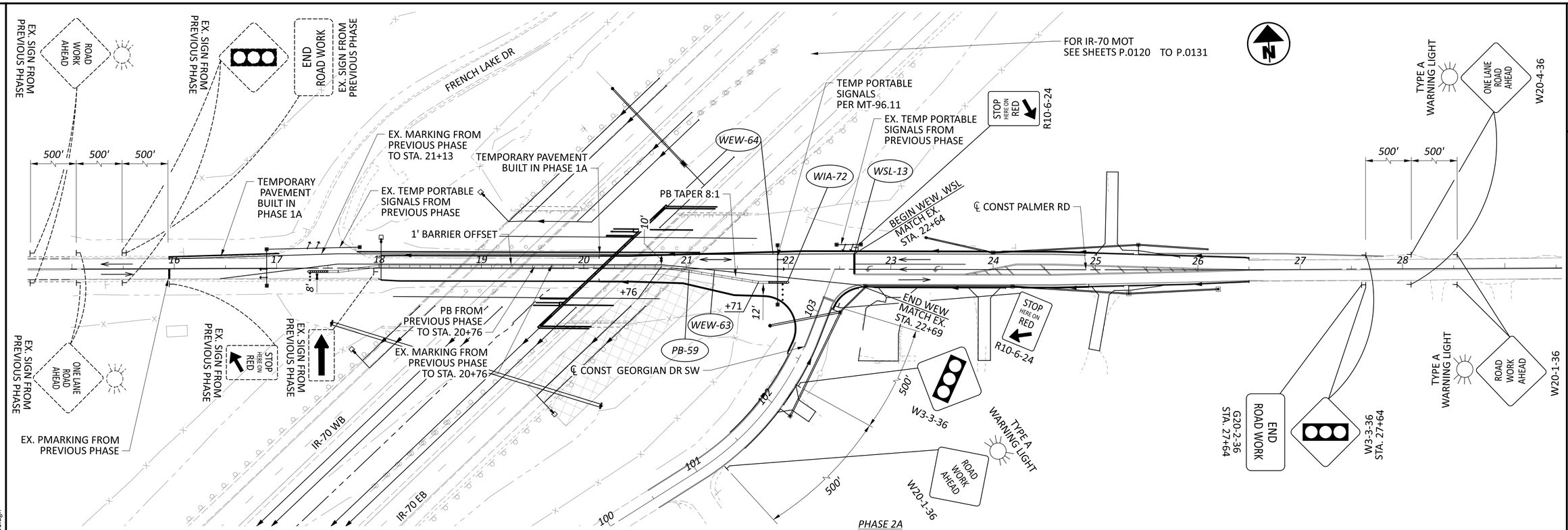
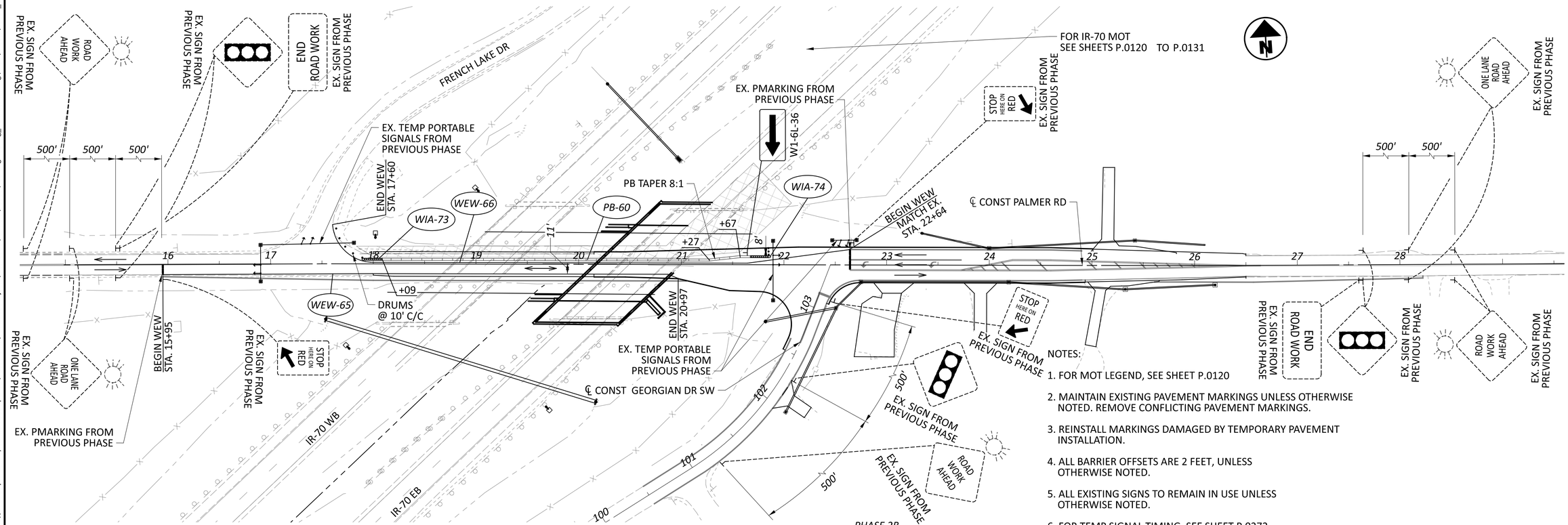
MAINTENANCE OF TRAFFIC - PHASE 2A/2B
PALMER ROAD - STA 16+50 TO STA 28+00

HORIZONTAL SCALE IN FEET
0 25 50 100





NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0272

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0184
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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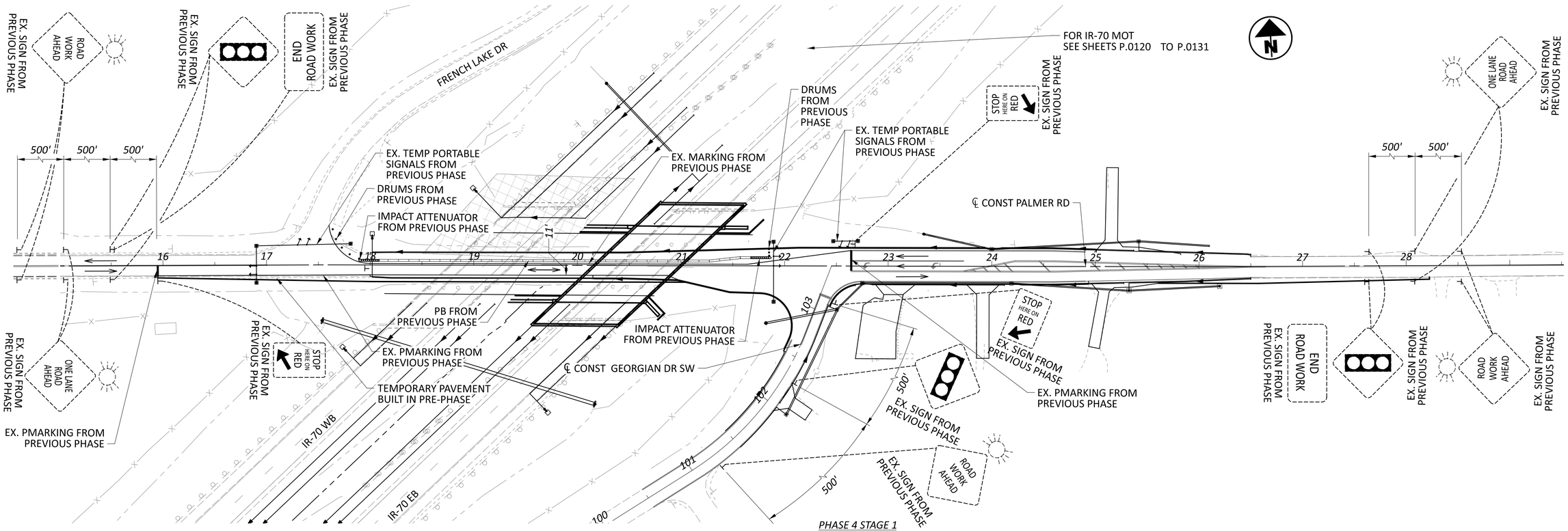
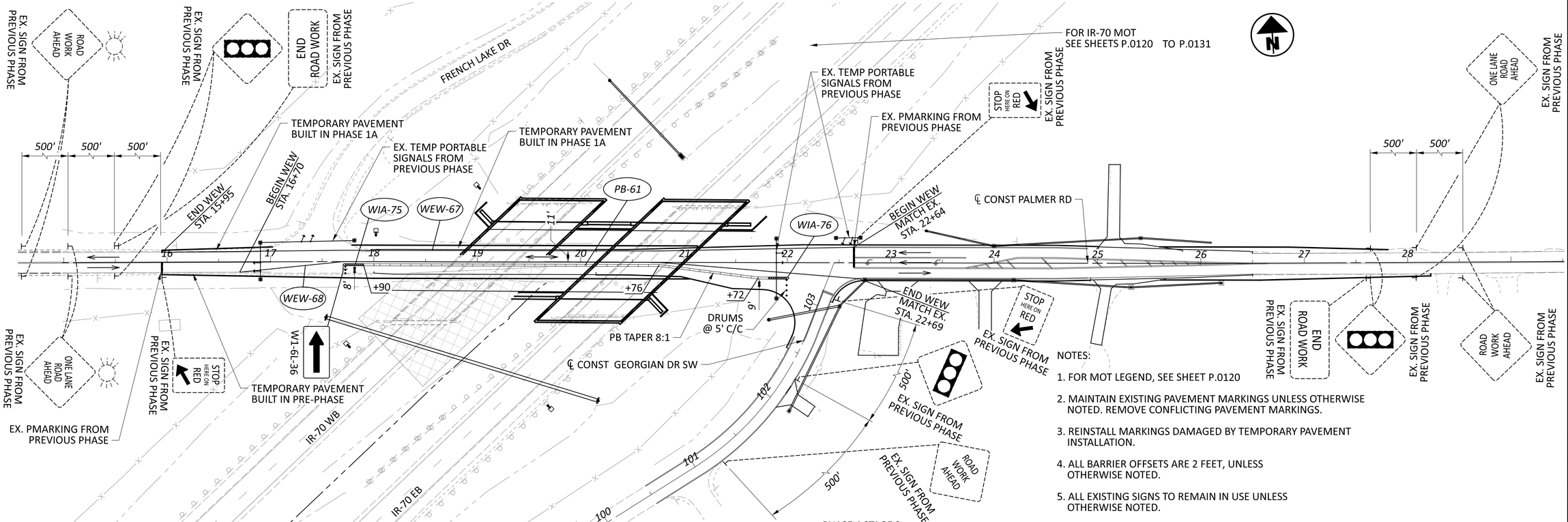
MAINTENANCE OF TRAFFIC - PHASE 4 STAGE 1/2
PALMER ROAD - STA 16+50 TO STA 28+00

HORIZONTAL SCALE IN FEET
0 25 50 100





NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
6. FOR TEMP SIGNAL TIMING, SEE SHEET P.0272

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0185
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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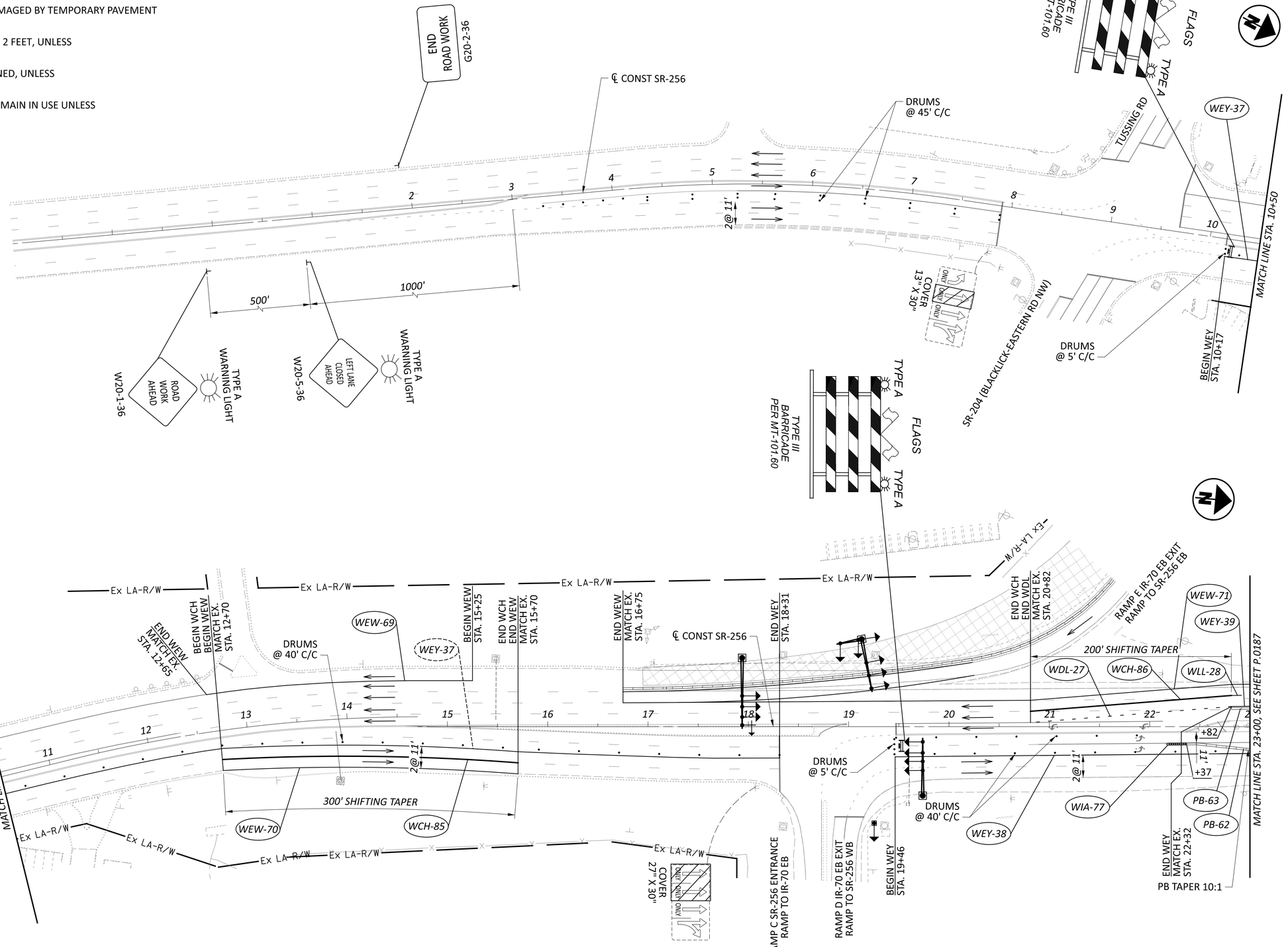
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2A
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0186
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP271 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:41:14 PM USER: borr
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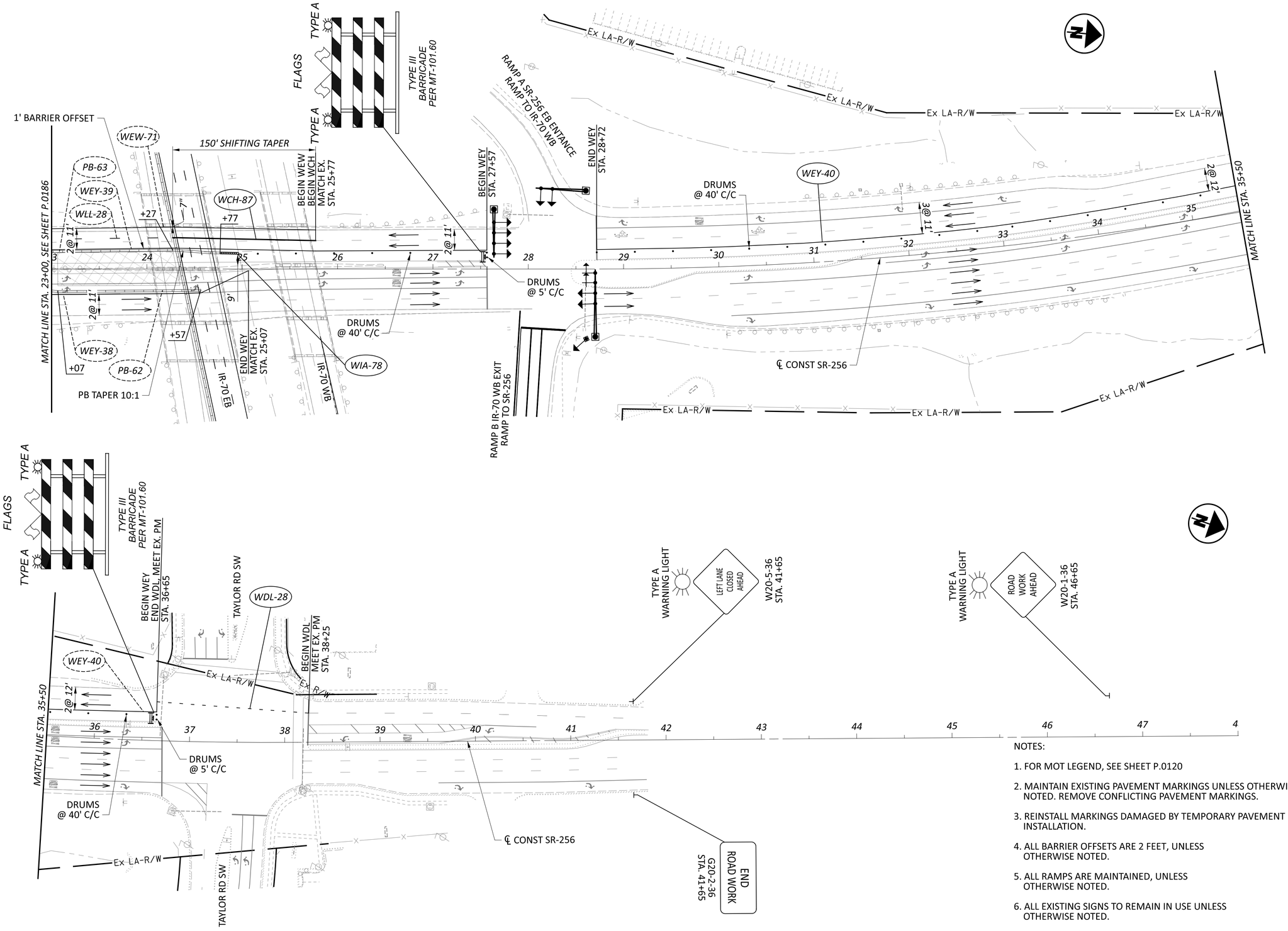

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PLANS, SEE SHEET P.0269
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2A
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0187 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2B
SR-256 - STA 2+00 TO STA 23+00

FAI/LIC-IR 70-0.00/0.00

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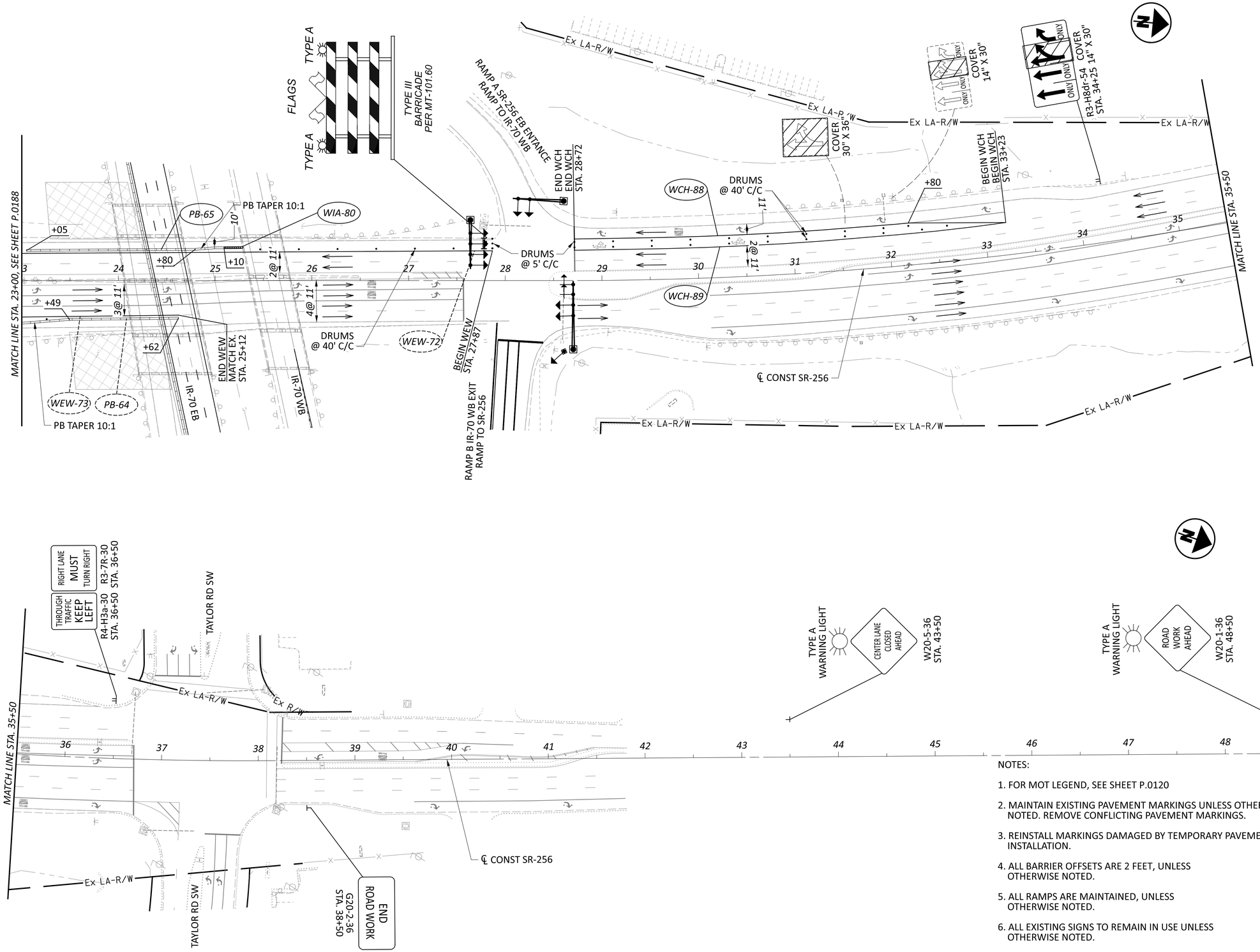
DESIGN AGENCY: GANNETT FLEMING
DESIGNER: TCW
REVIEWER: DRJ 08/07/26
PROJECT ID: 96808
SHEET: P.0188 TOTAL: P.2024

MAINTENANCE OF TRAFFIC - PHASE 2B
SR-256 - STA 23+00 TO STA 49+00



HORIZONTAL SCALE IN FEET
0 25 50 100

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PLANS, SEE SHEET P.0269
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0189
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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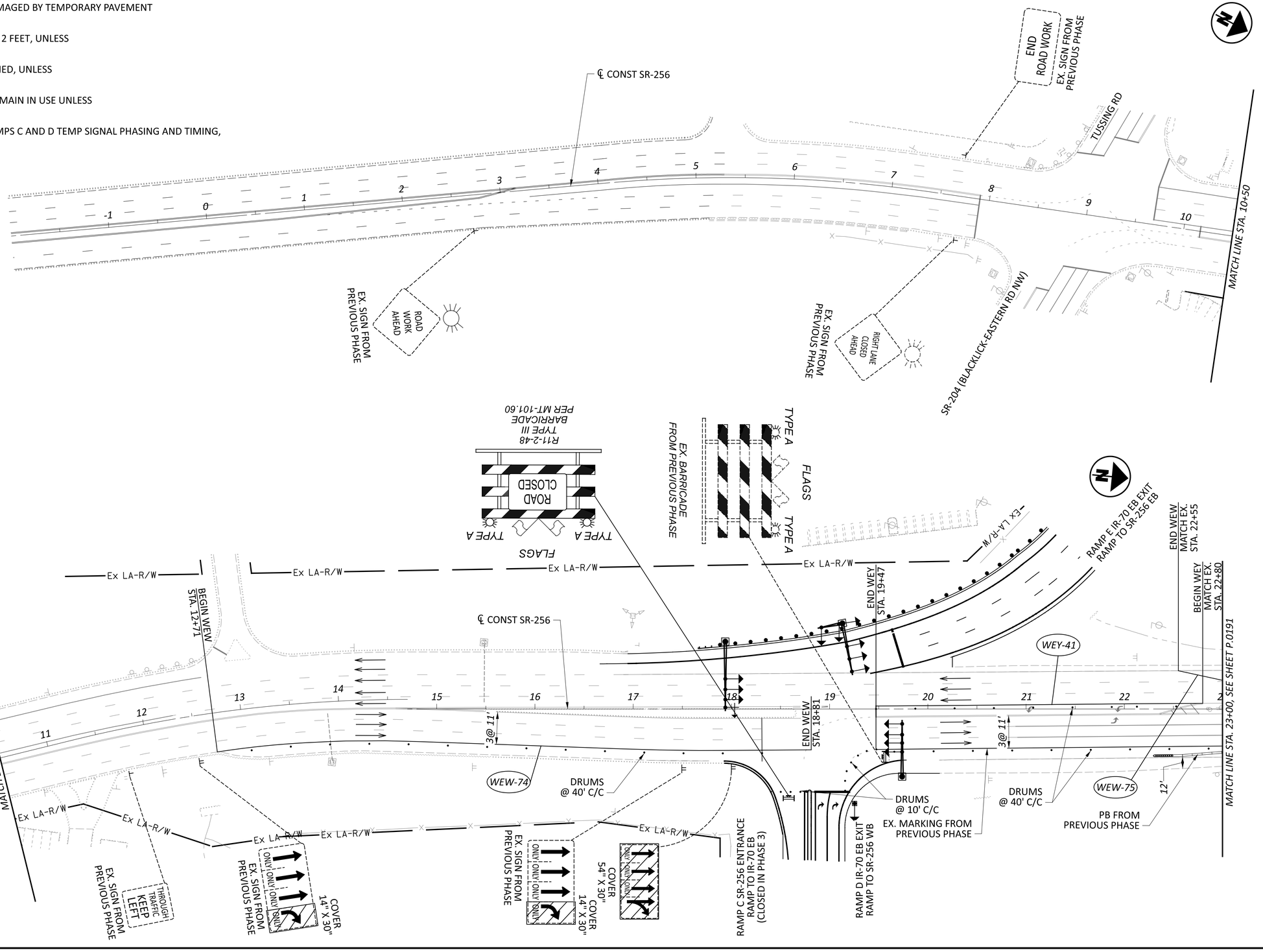
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0270



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3A
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0190 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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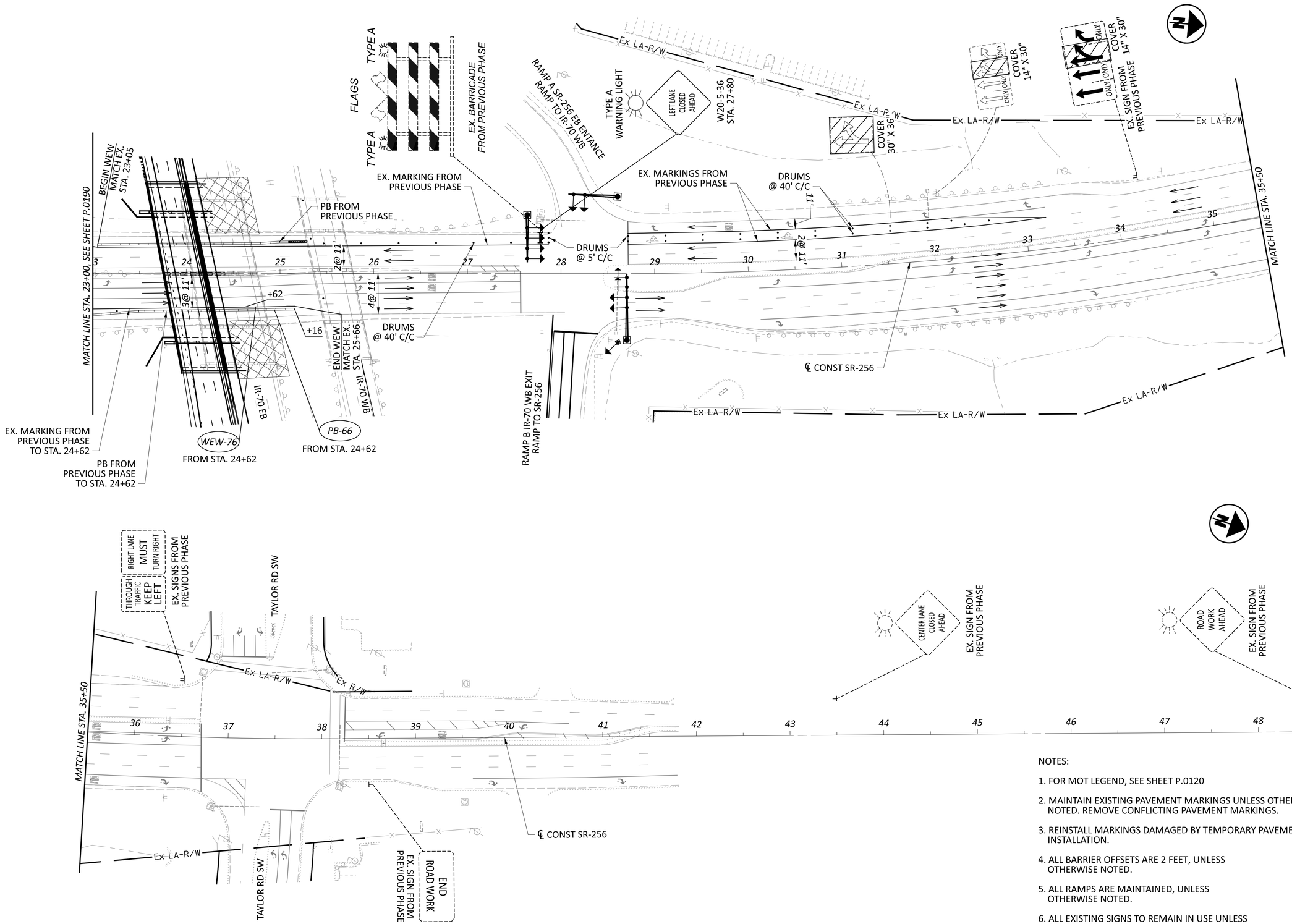

MAINTENANCE OF TRAFFIC - PHASE 3A
SR-256 - STA 23+00 TO STA 49+00

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0191
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP372 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:42:23 PM USER: borr
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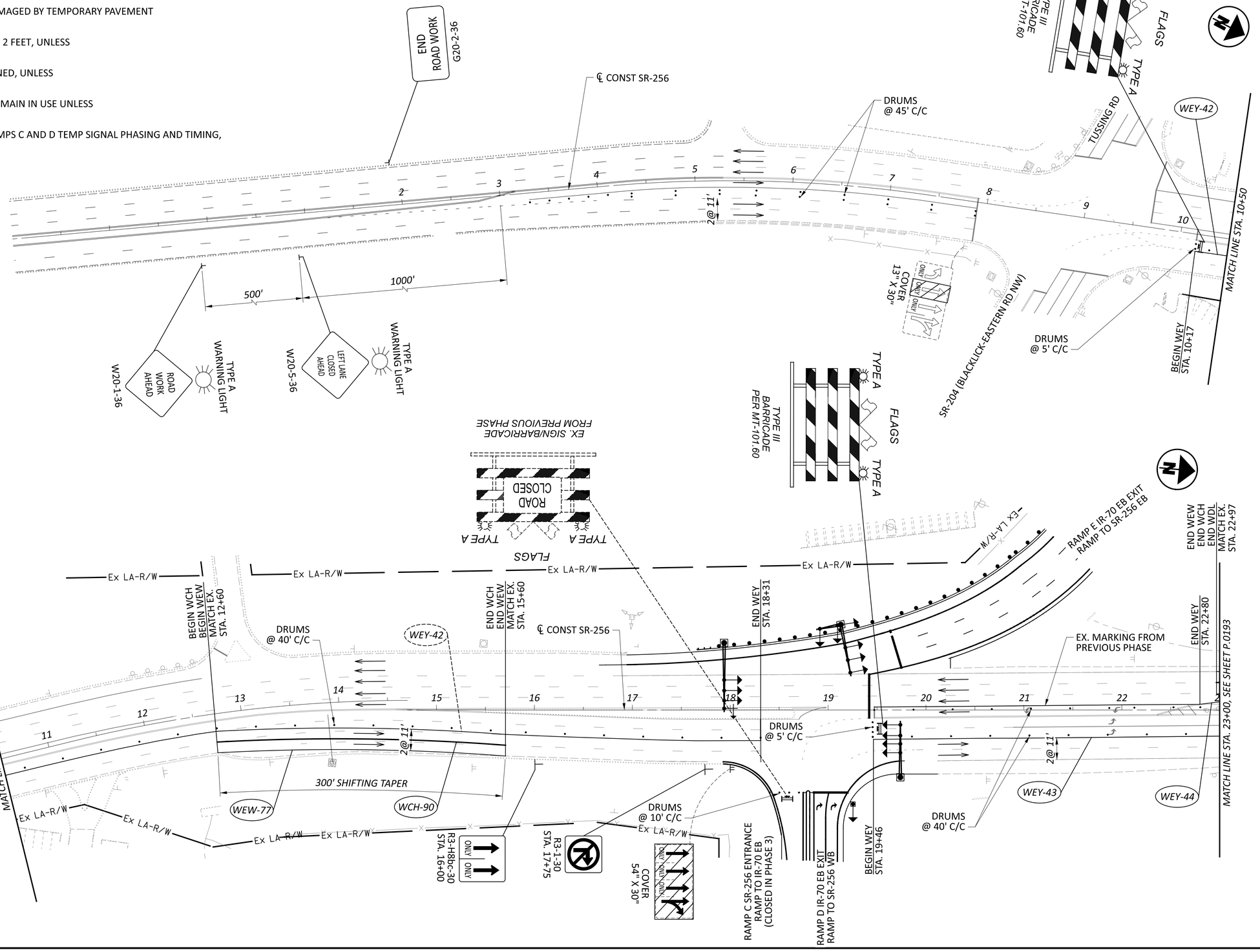
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0270



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 3B
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0192
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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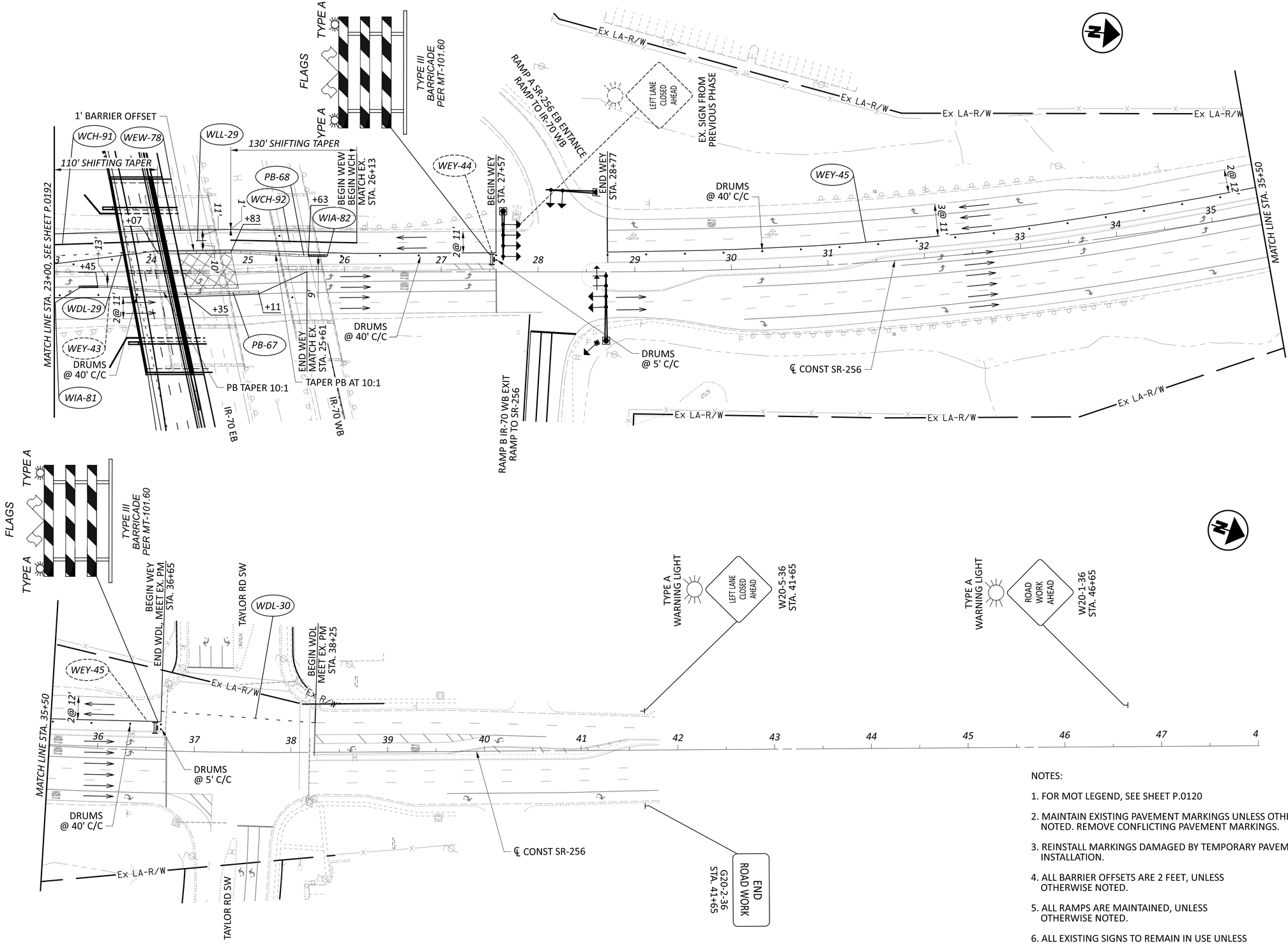
MAINTENANCE OF TRAFFIC - PHASE 3B
SR-256 - STA 23+00 TO STA 49+00



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0193
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP374 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:42:53 PM USER: borr
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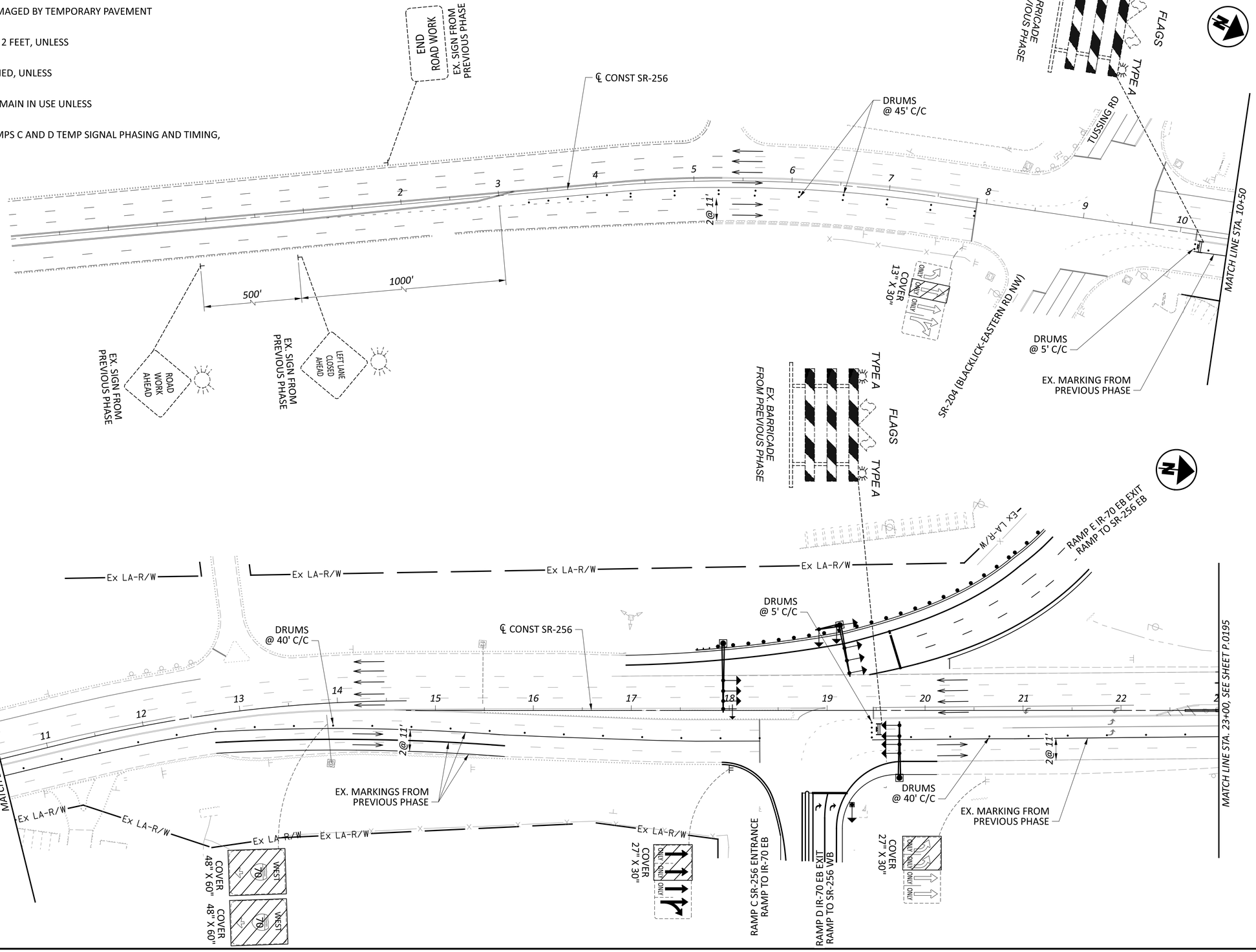
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0276



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 1
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0194 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP471 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:43:08 PM USER: borr
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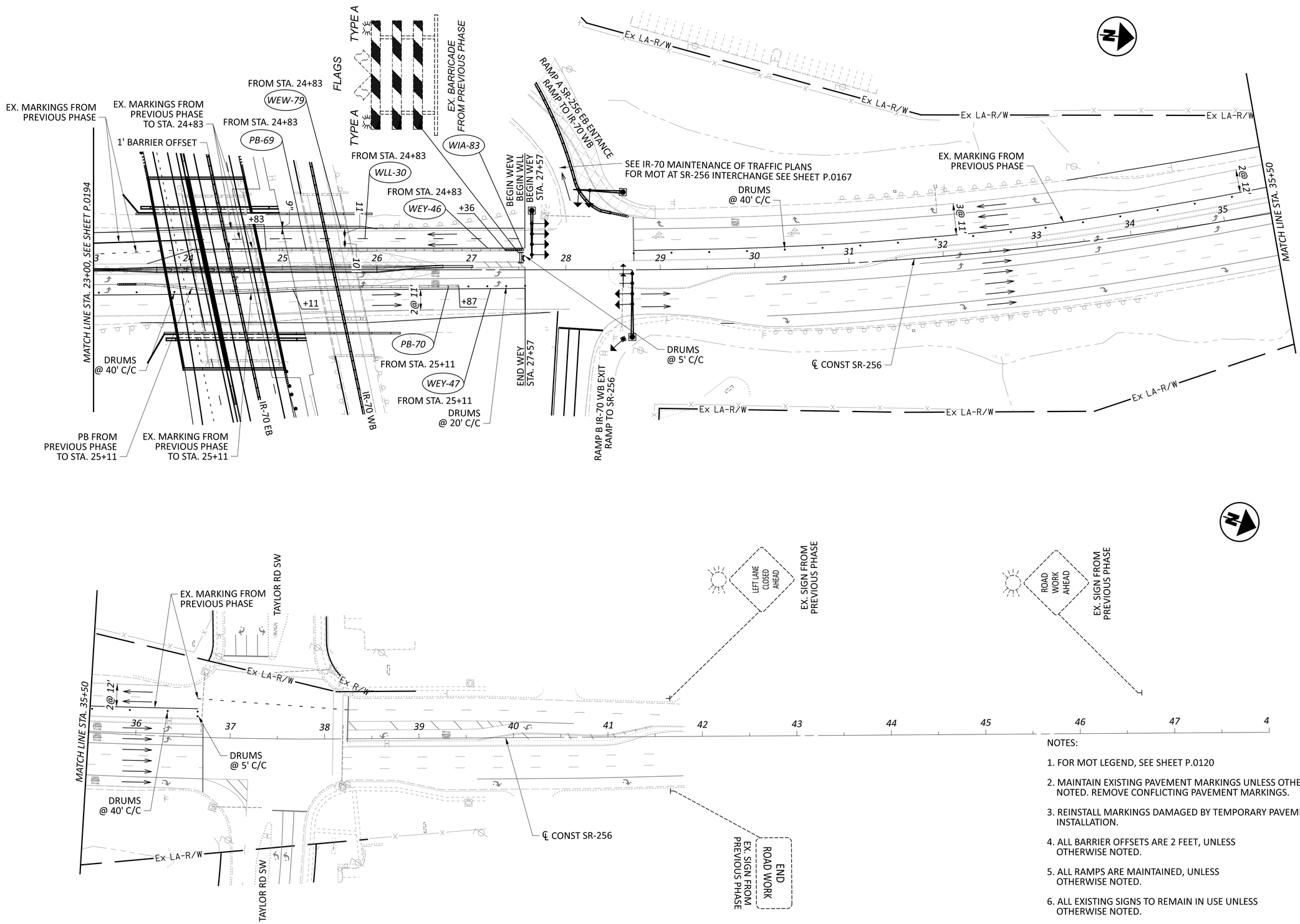

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR TRAFFIC DETOUR WHEN THE SR-256 WB LT LANES TO IR-70 RAMP A ARE CLOSED, SEE SHEET P.0263 & P.0264
8. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 1
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0195 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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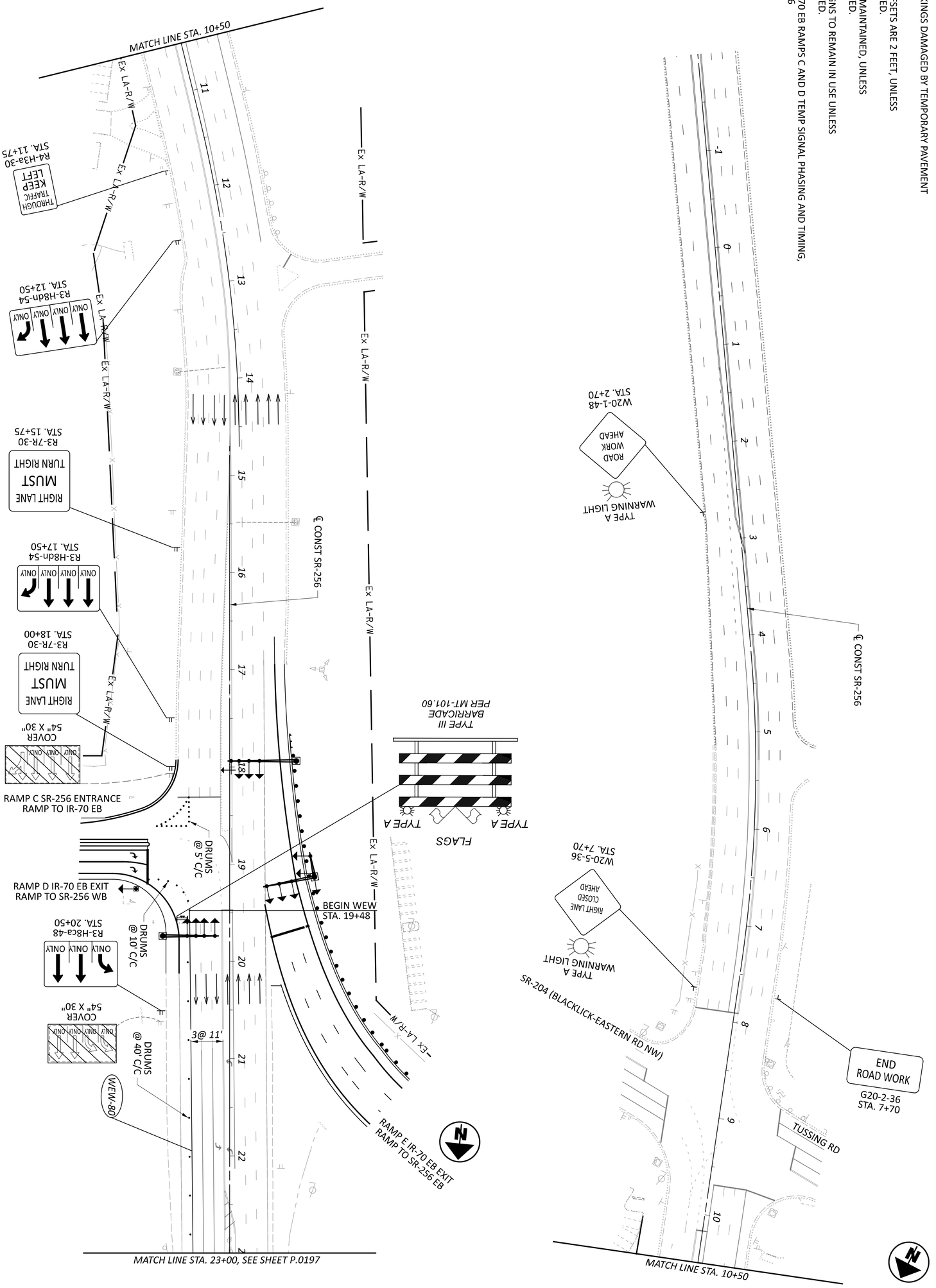
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0276



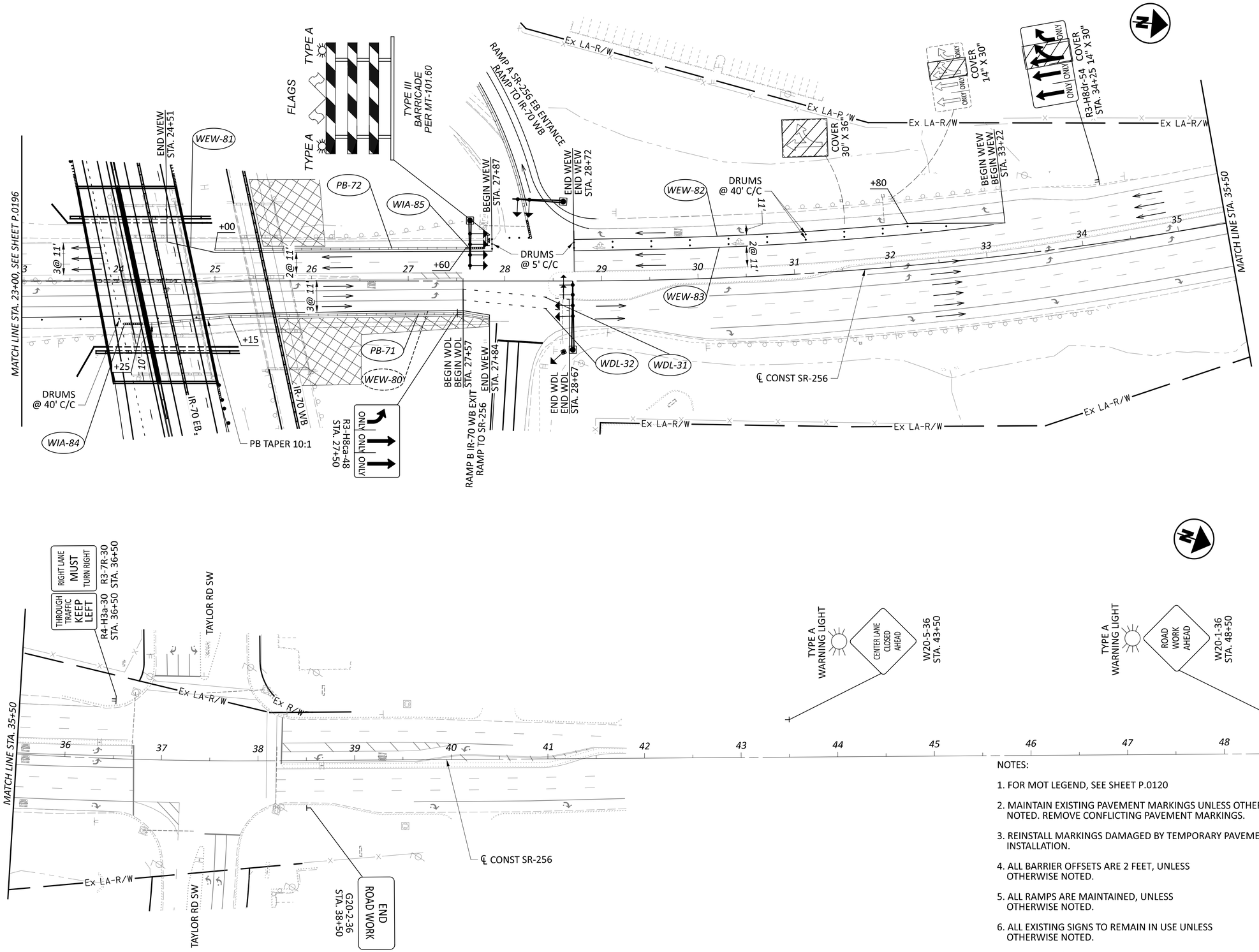
SHEET	TOTAL
P.0196	P.2024

PROJECT ID	REVIEWER	DESIGNER
96808	DRJ 08/07/26	TCW

GANNETT FLEMING — DESIGN AGENCY

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 2
SR-256 - STA 2+00 TO STA 23+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4A STAGE 2
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0197 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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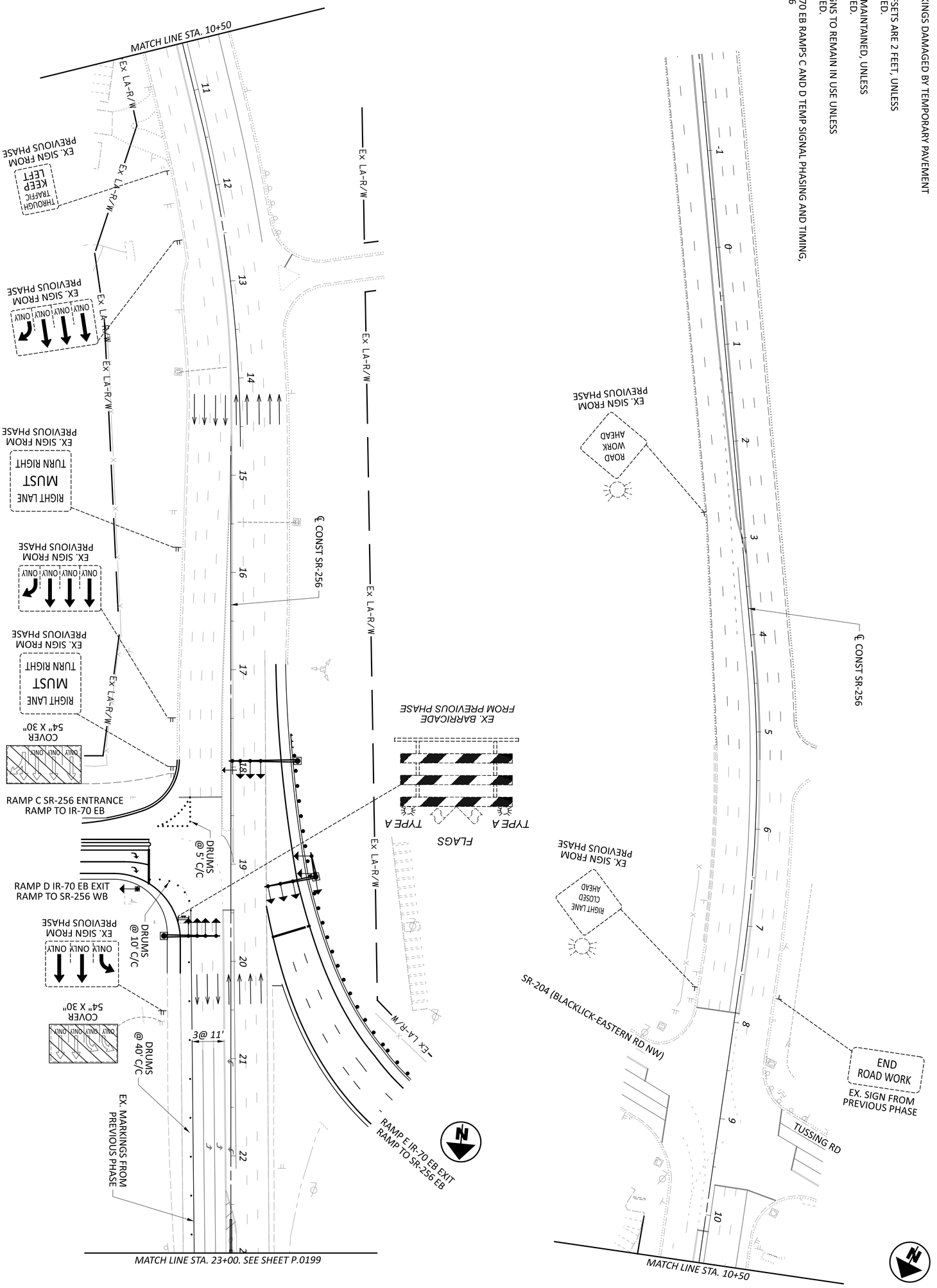
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0276



SHEET	TOTAL
P 0198	P 2024

PROJECT ID: 96808

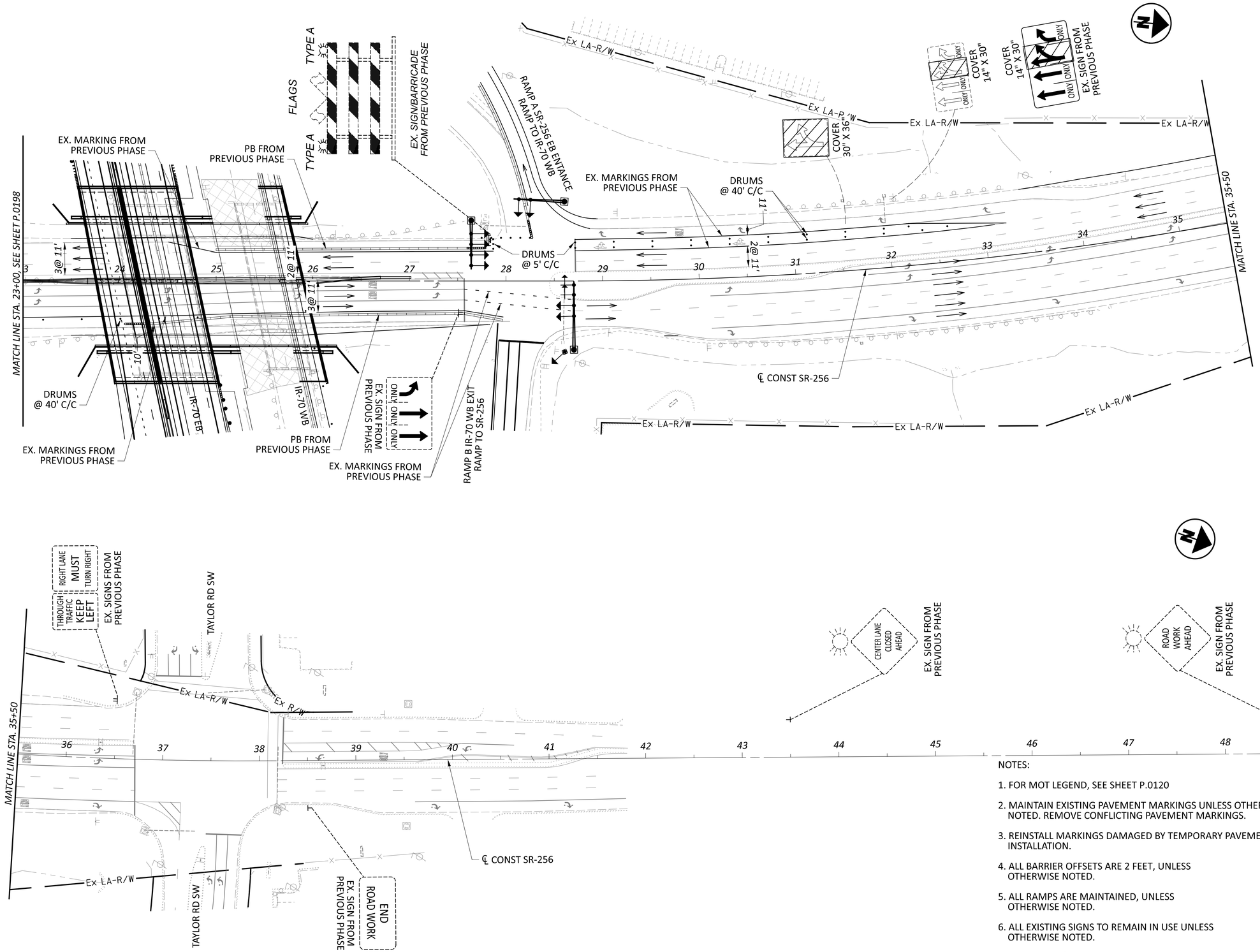
REVIEWER: DRJ 08/07/26

DESIGNER: TCW

DESIGN AGENCY: GANNETT FLEMING

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 1
SR-256 - STA 2+00 TO STA 23+00

HORIZONTAL SCALE IN FEET
0 50
25 100



NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 1
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0199
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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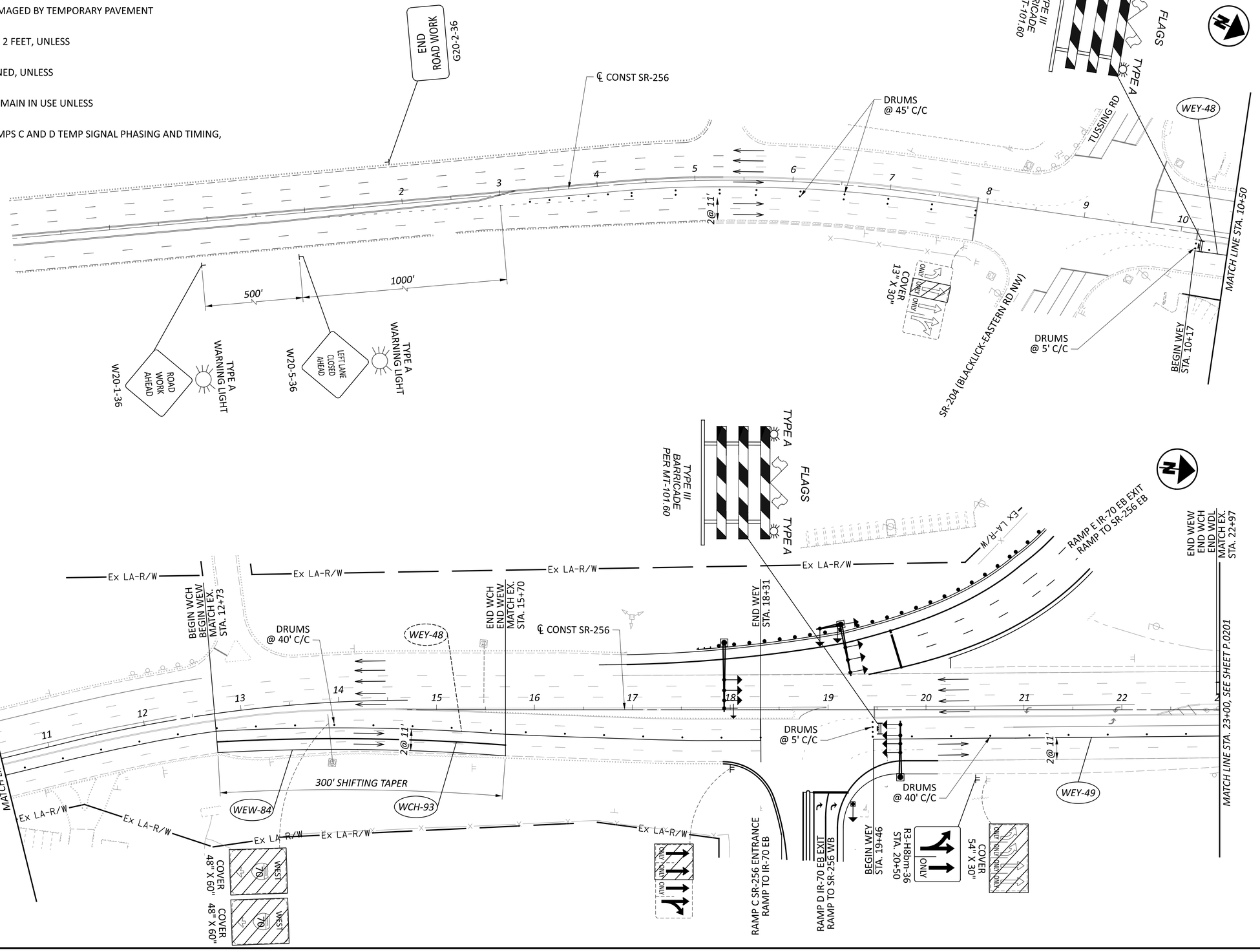
NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 EB RAMPS C AND D TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0276



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 2
SR-256 - STA 2+00 TO STA 23+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0200
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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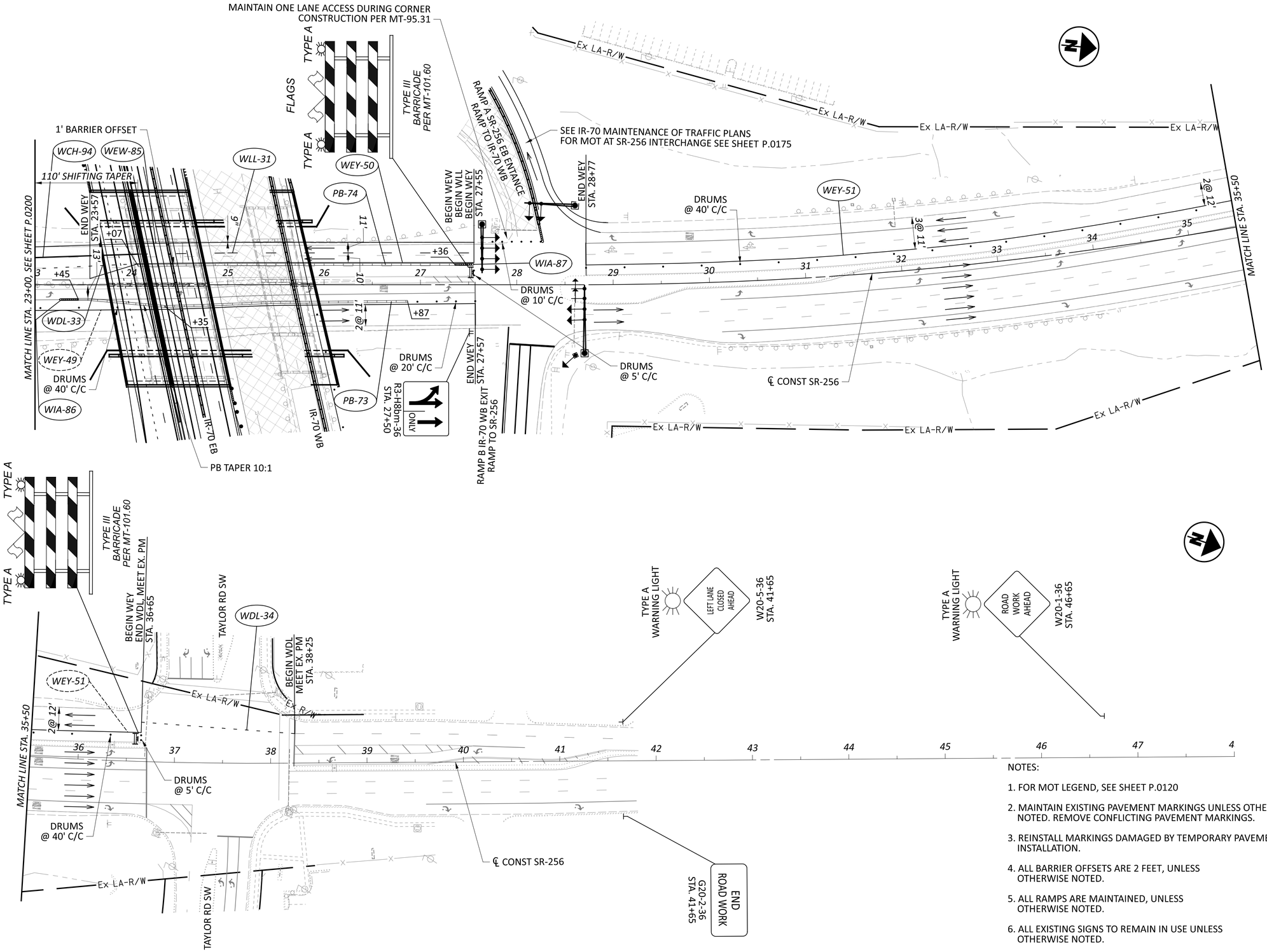

NOTES:

1. FOR MOT LEGEND, SEE SHEET P.0120
2. MAINTAIN EXISTING PAVEMENT MARKINGS UNLESS OTHERWISE NOTED. REMOVE CONFLICTING PAVEMENT MARKINGS.
3. REINSTALL MARKINGS DAMAGED BY TEMPORARY PAVEMENT INSTALLATION.
4. ALL BARRIER OFFSETS ARE 2 FEET, UNLESS OTHERWISE NOTED.
5. ALL RAMPS ARE MAINTAINED, UNLESS OTHERWISE NOTED.
6. ALL EXISTING SIGNS TO REMAIN IN USE UNLESS OTHERWISE NOTED.
7. FOR SR-256 / IR-70 WB EXIT RAMP A TEMP SIGNAL PHASING AND TIMING, SEE SHEET P.0273

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 4B STAGE 2
SR-256 - STA 23+00 TO STA 49+00

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0201
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_MP574 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:45:30 PM USER: borr
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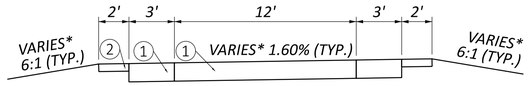
X-1 CURVE DATA
P.I. = STA. 23+56.56
Δ = 08°42'06" LT
Dc = 01°29'18"
R = 3,850.00'
T = 292.92'
L = 584.70'
E = 11.13'

LEGEND

1 ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A

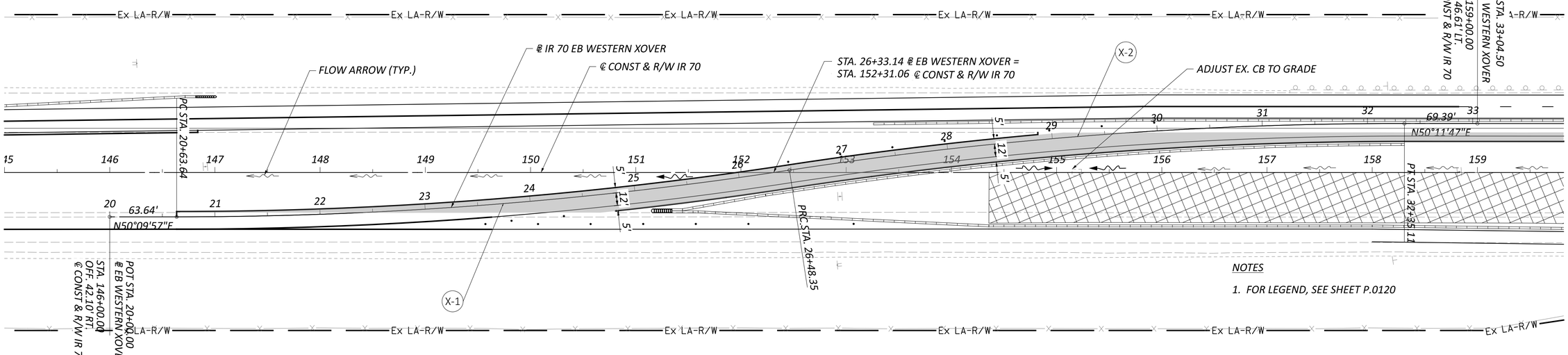
2 ITEM 304 - 6" AGGREGATE BASE

* SEE XOVER CROSS SECTIONS FOR DETAILS



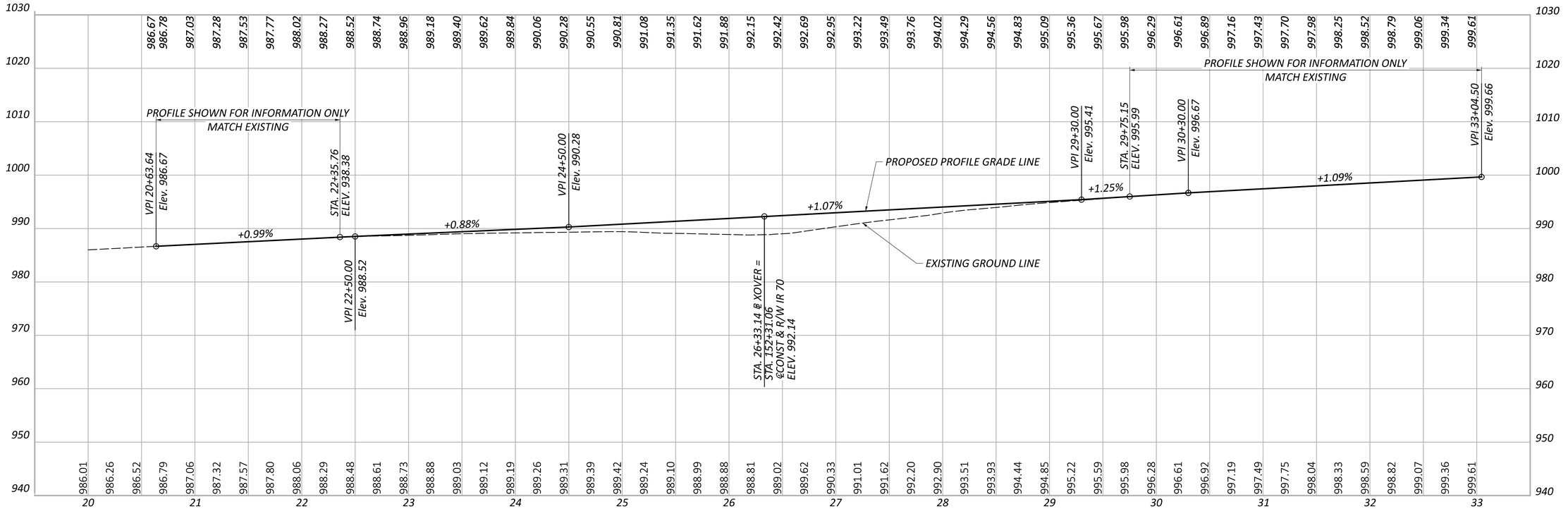
TYPICAL SECTION FOR EB WESTERN CROSSOVER

X-2 CURVE DATA
P.I. = STA. 29+42.30
Δ = 08°43'56" RT
Dc = 01°29'18"
R = 3,850.00'
T = 293.95'
L = 586.76'
E = 11.21'



NOTES

1. FOR LEGEND, SEE SHEET P.0120



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLAN

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0202 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: IR 70 EB Western Crossover - CO-101 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:46:02 PM USER: borr
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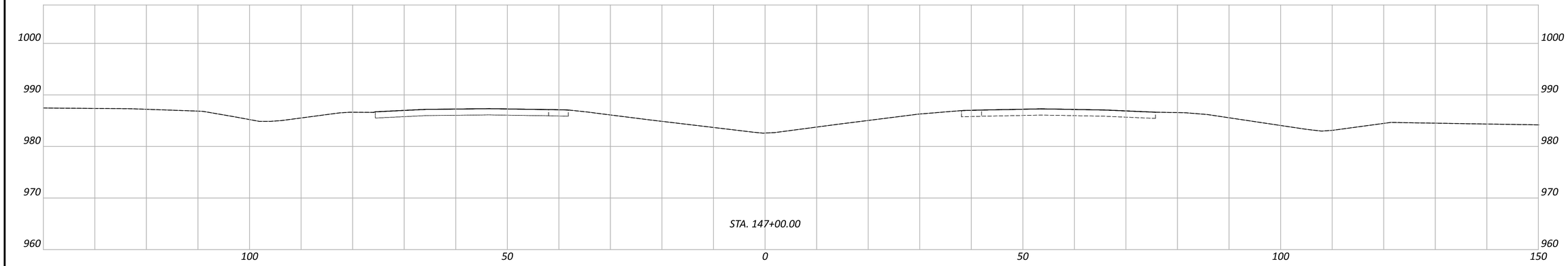

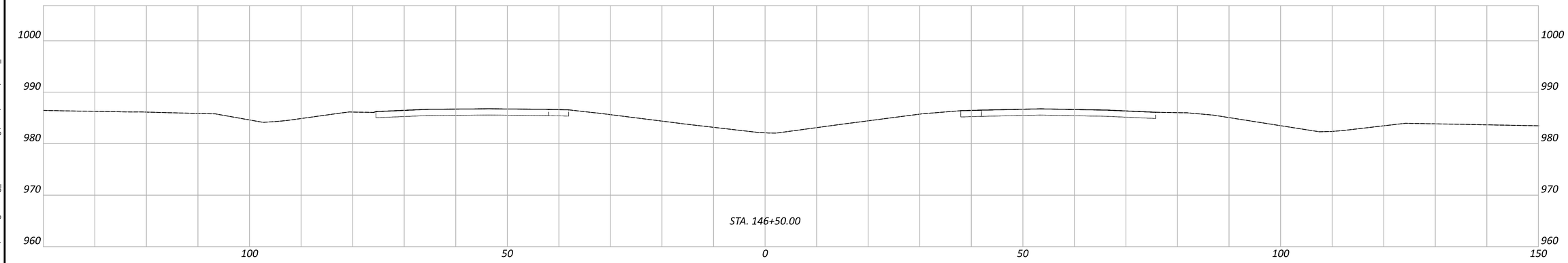

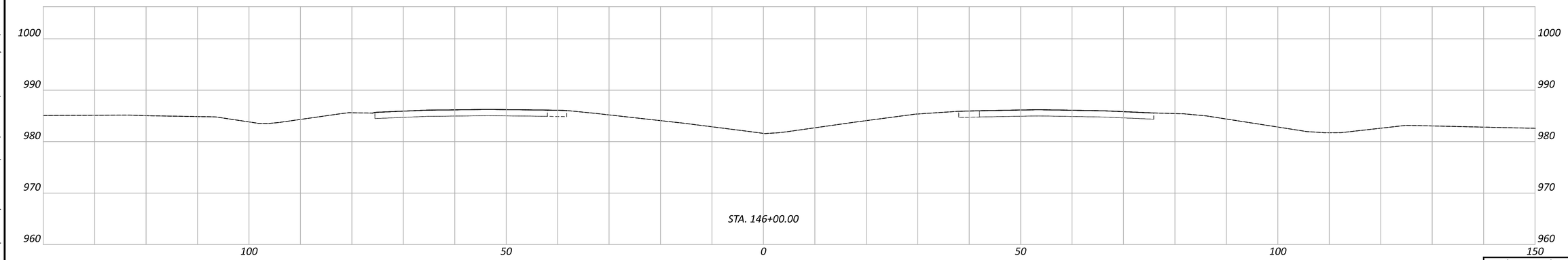

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

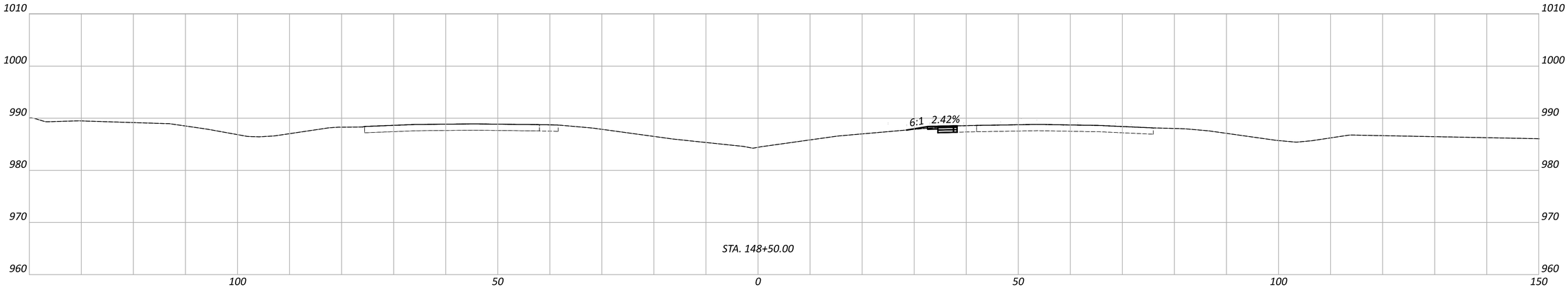
DESIGNER
JAS

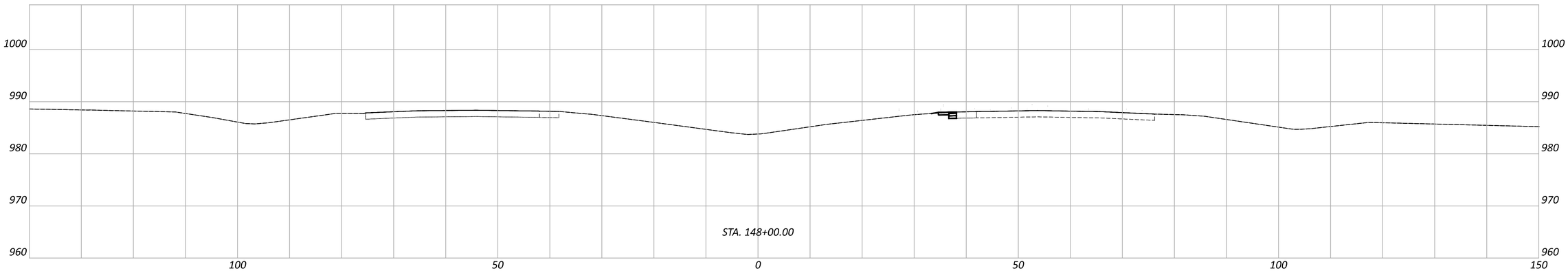
REVIEWER
DRJ 08/07/26

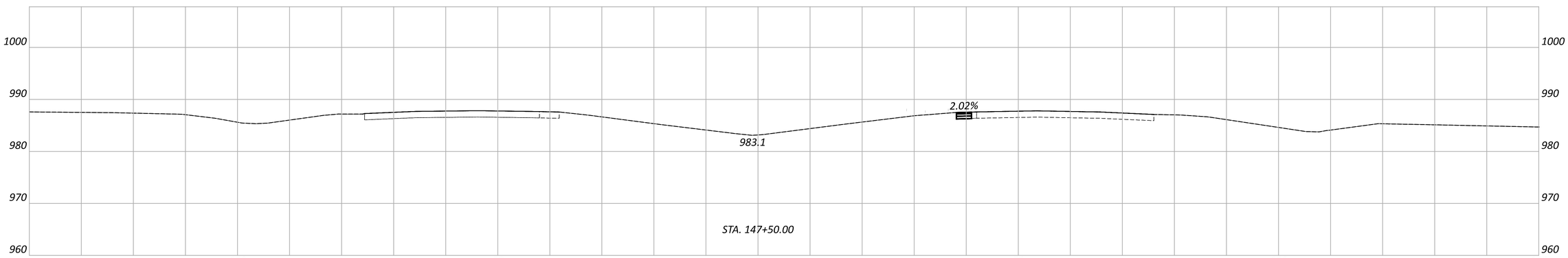
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0203	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0204 TOTAL P.2024

Sheet Totals		
Seeding	Cut	Fill

FAI/LIC-IR 70-0.00/0.00

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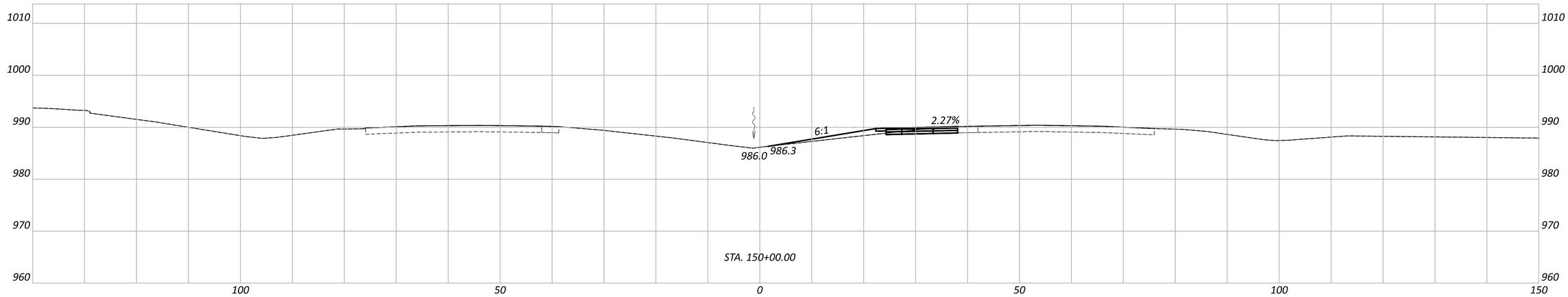

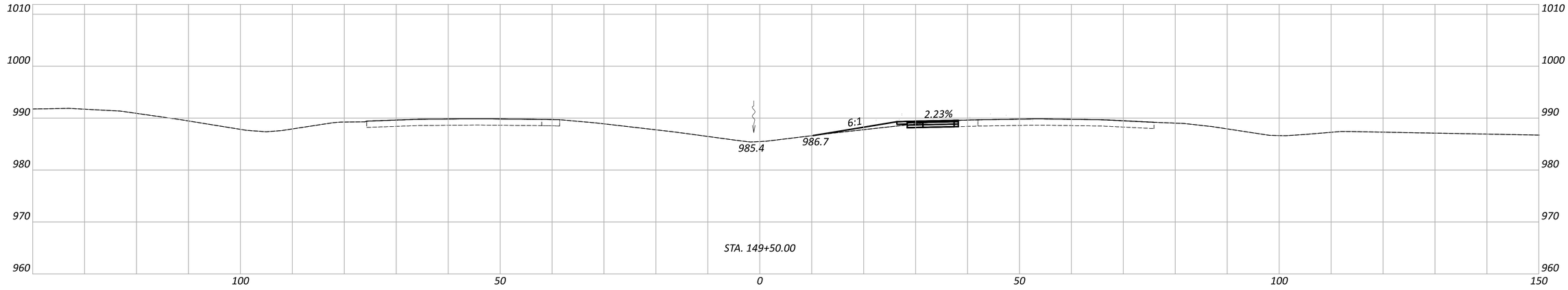

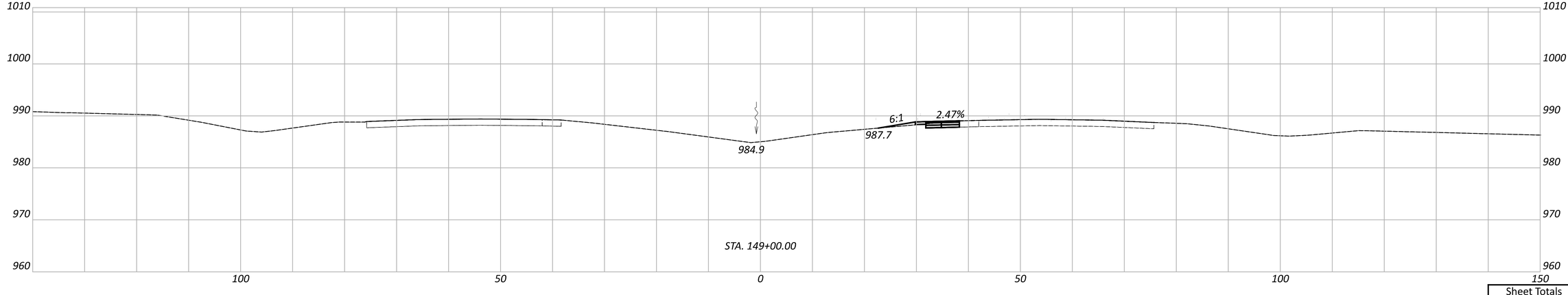

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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Sheet Totals		
Seeding	Cut	Fill

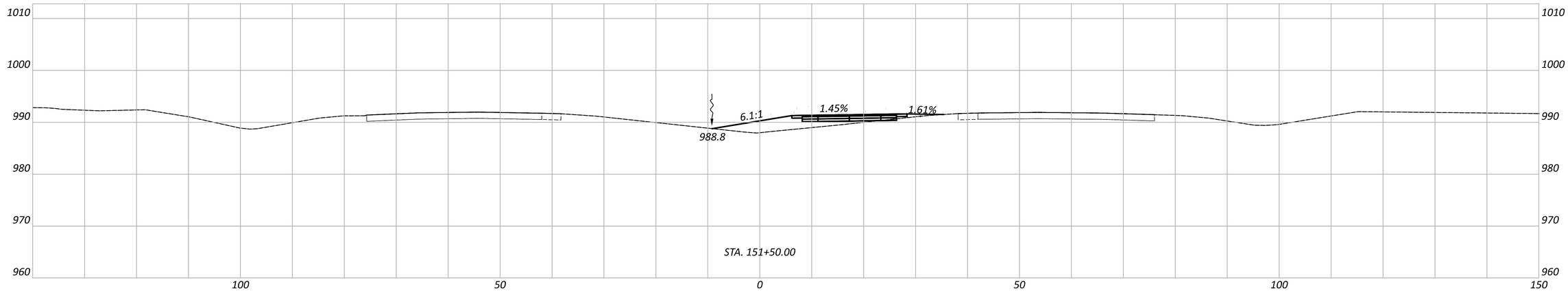
DESIGN AGENCY
GANNETT FLEMING

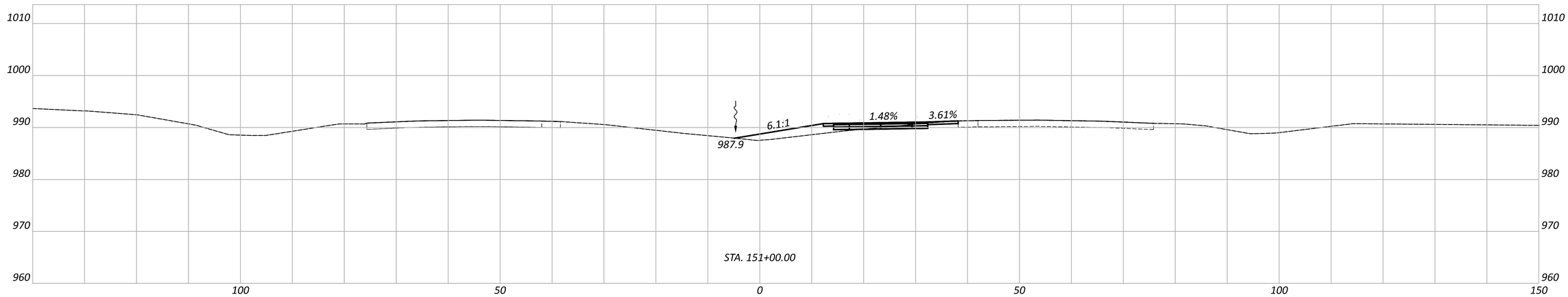
DESIGNER
JAS

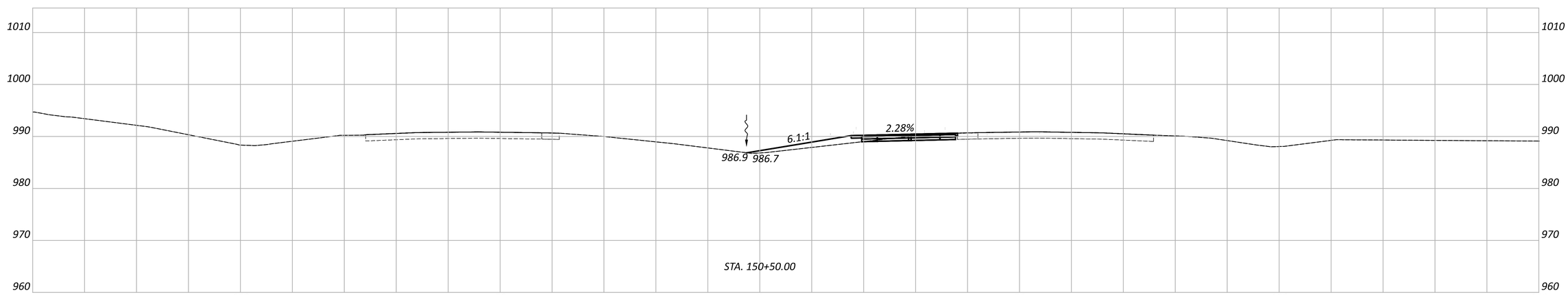
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0205 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

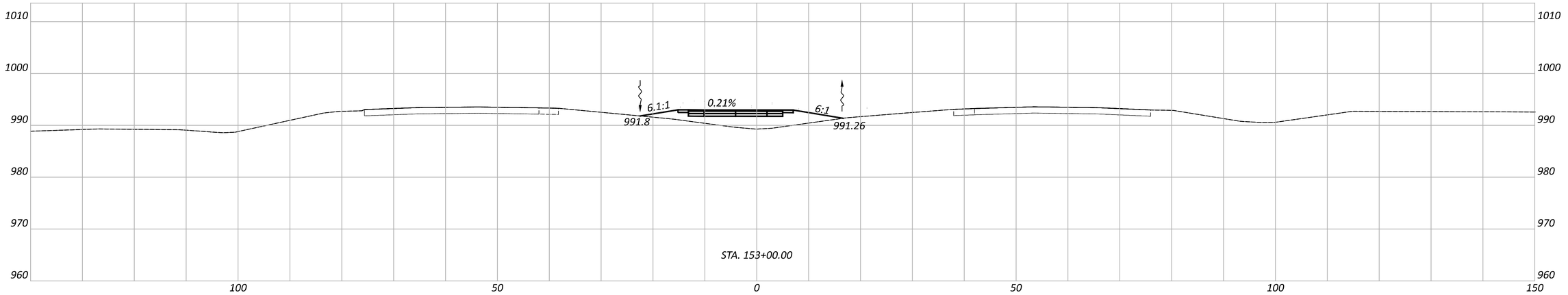
DESIGN AGENCY
GANNETT FLEMING

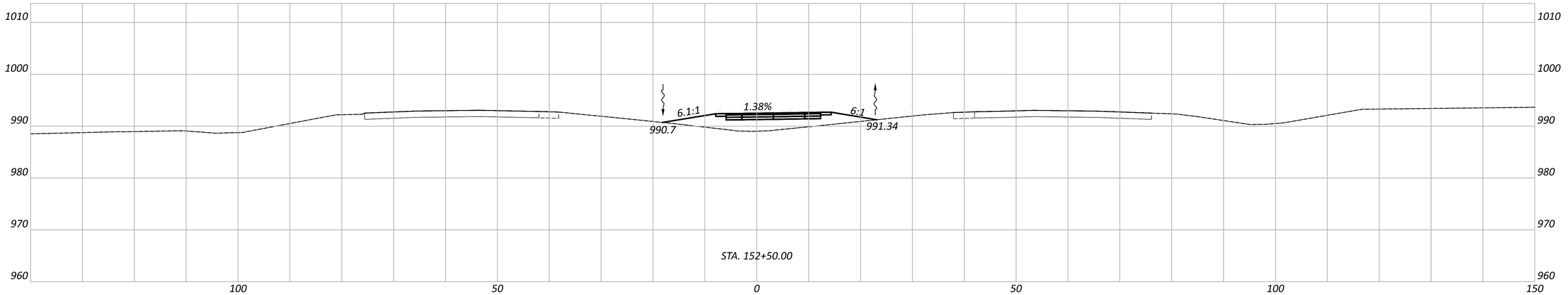
DESIGNER
JAS

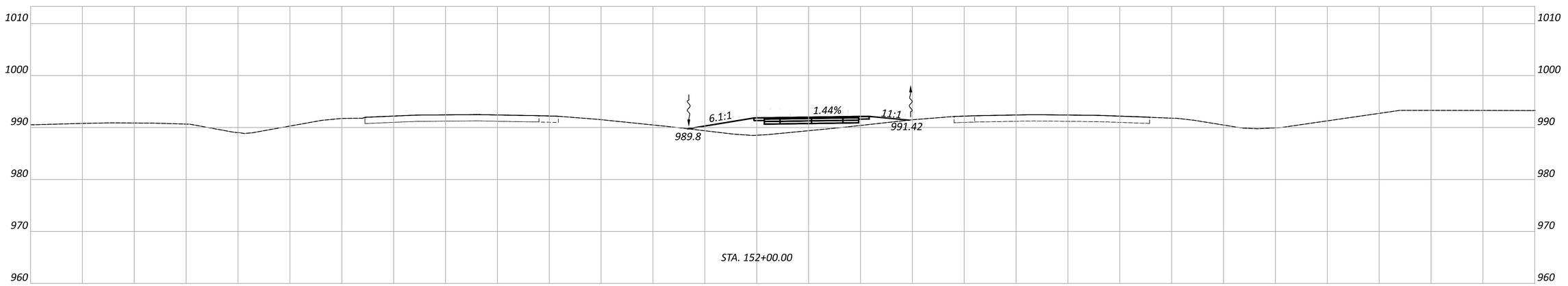
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.0206	P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

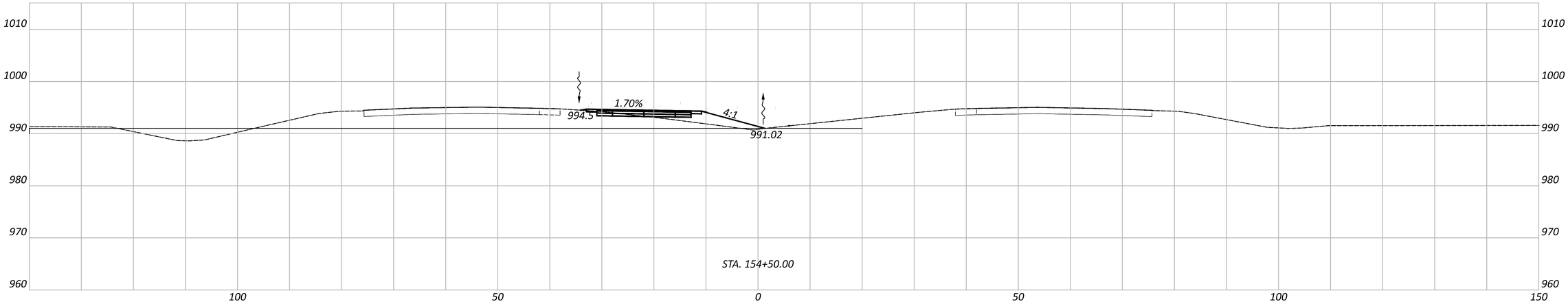
DESIGNER
JAS

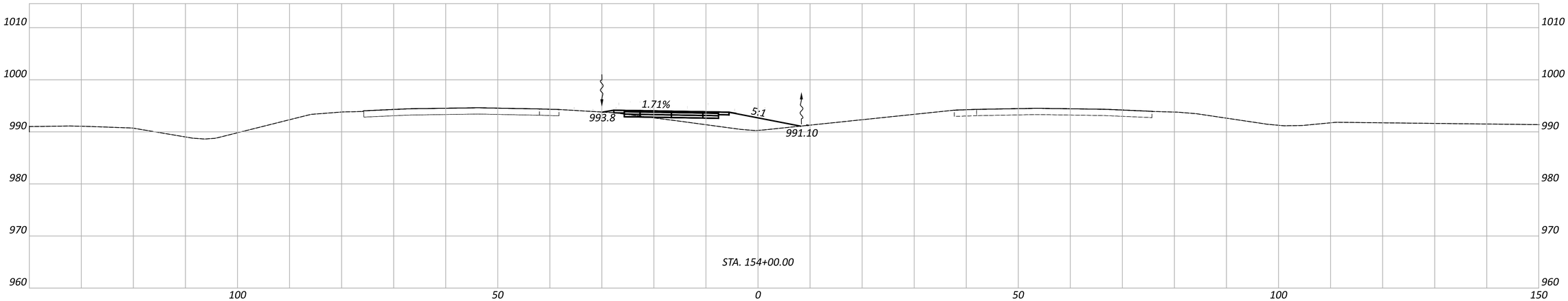
REVIEWER
DRJ 08/07/26

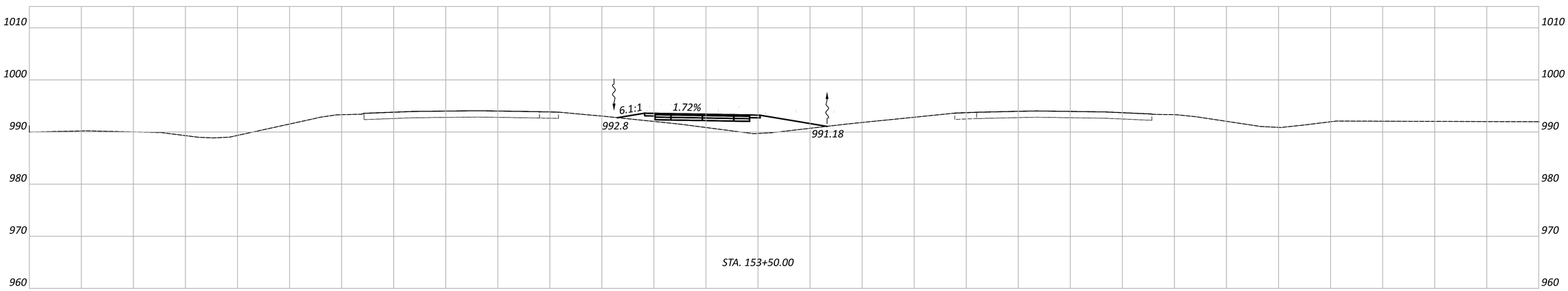
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0207 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

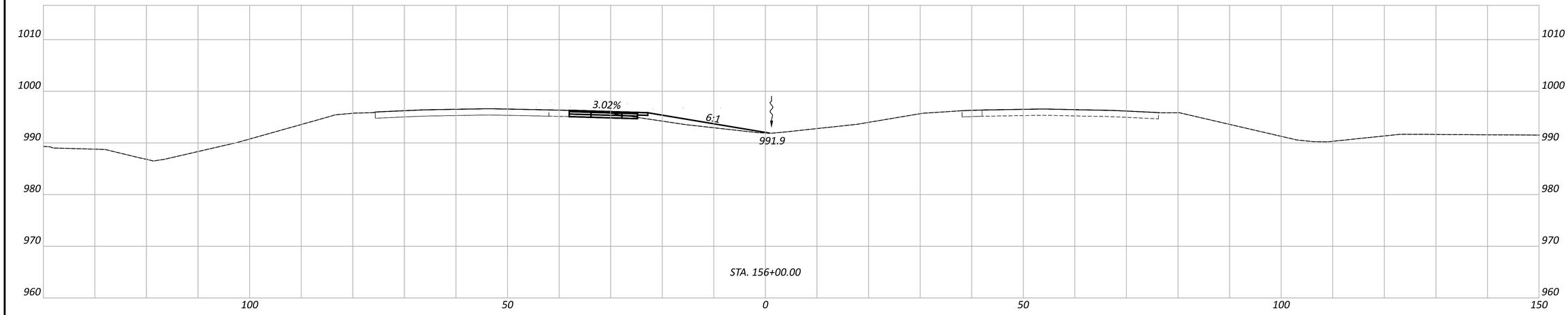
DESIGN AGENCY
GANNETT FLEMING

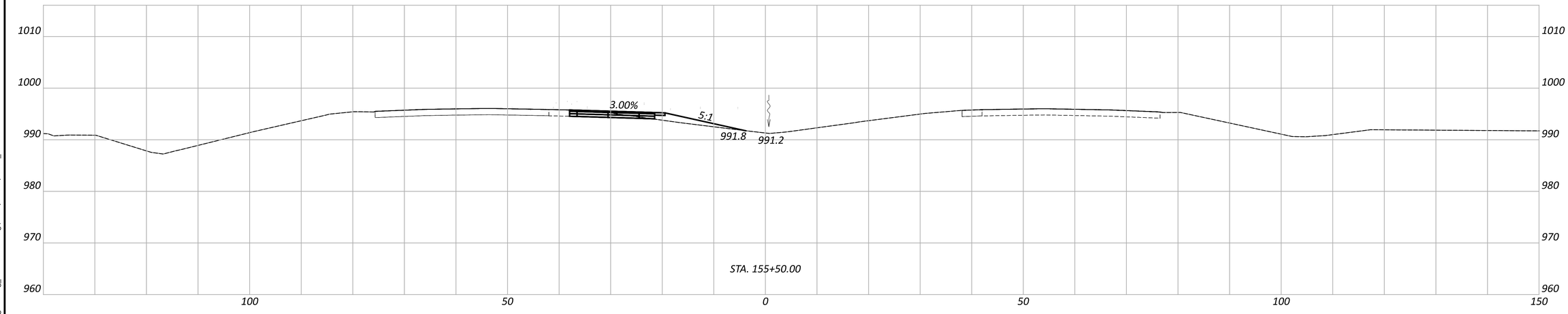
DESIGNER
JAS

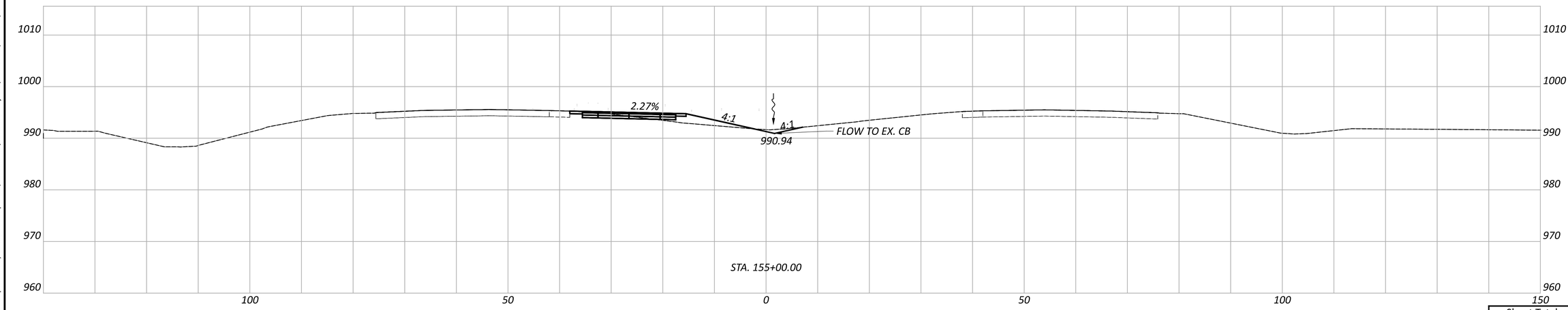
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0208 TOTAL P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0209 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 156+00.00 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:47:45 PM USER: borr
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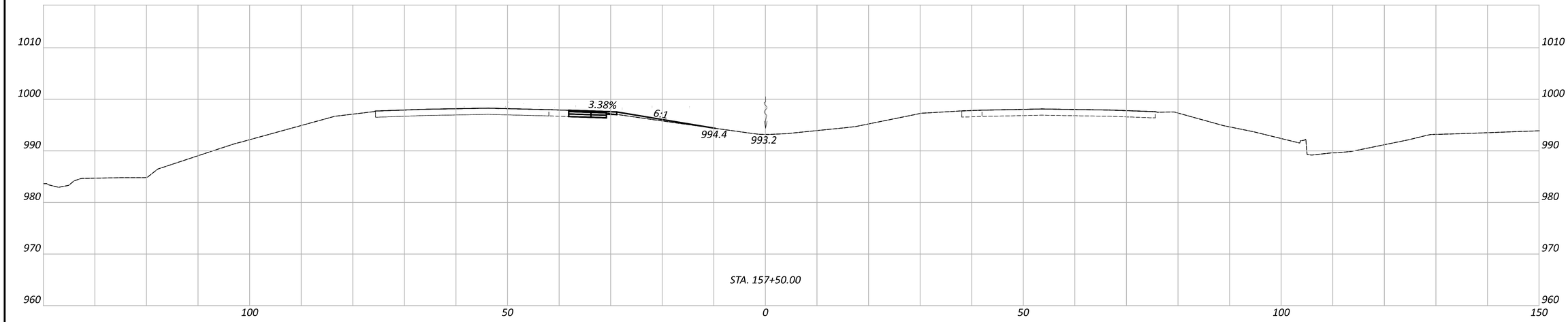

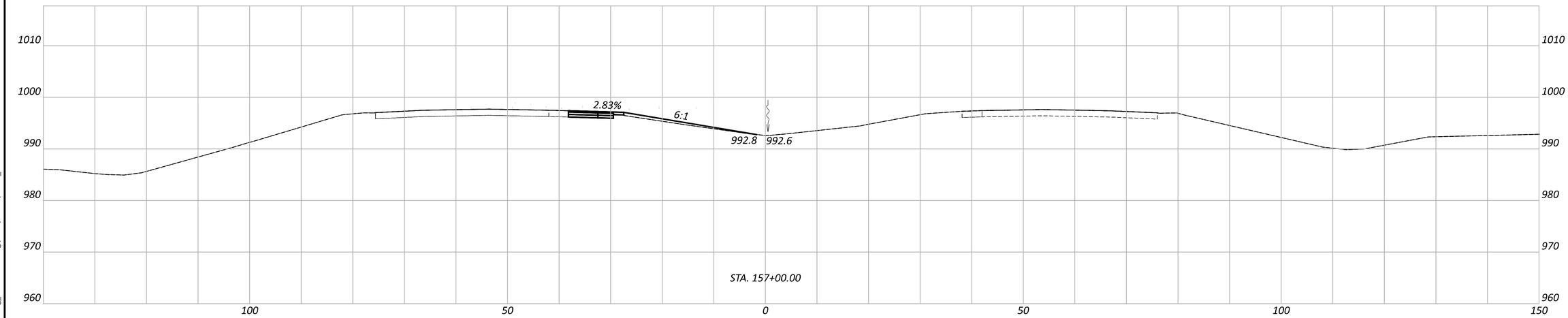

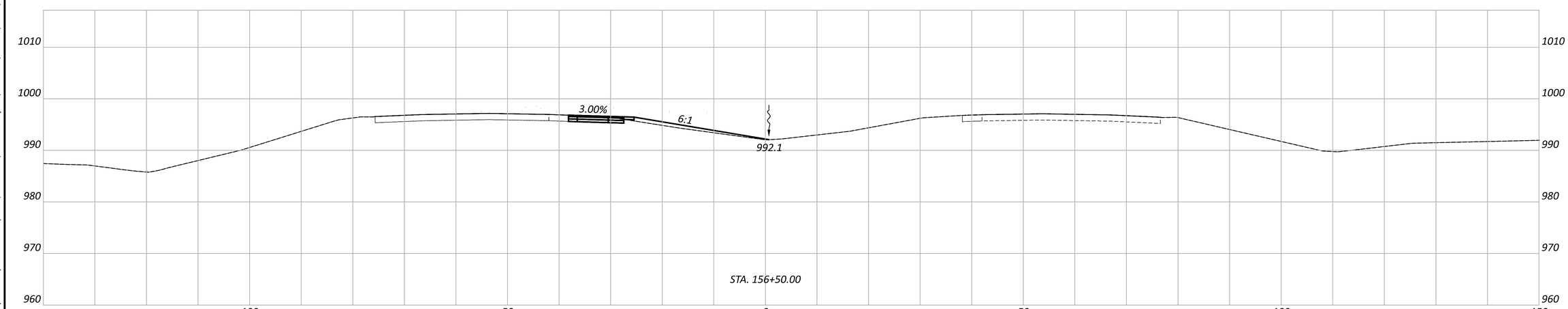

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 157+50.00 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:47:58 PM USER: borr
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Sheet Totals		
Seeding	Cut	Fill

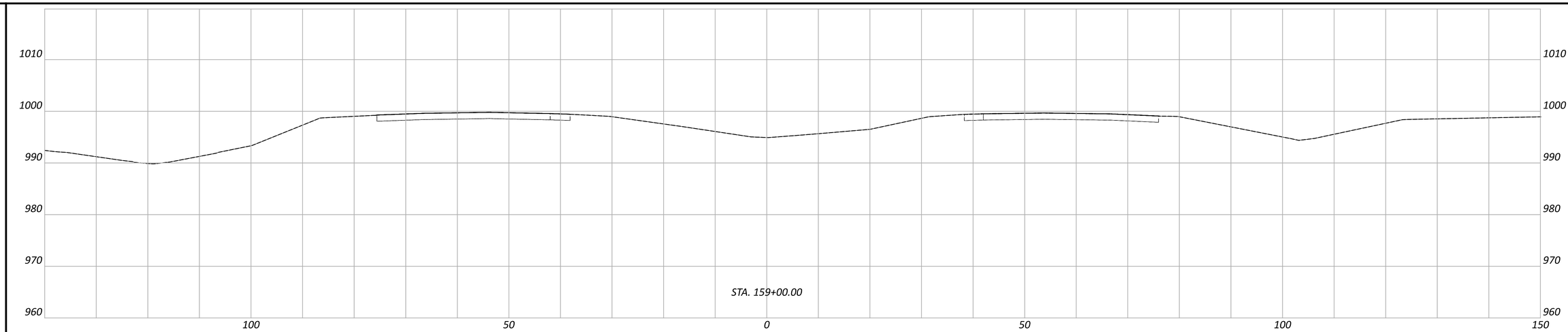
DESIGN AGENCY
GANNETT FLEMING

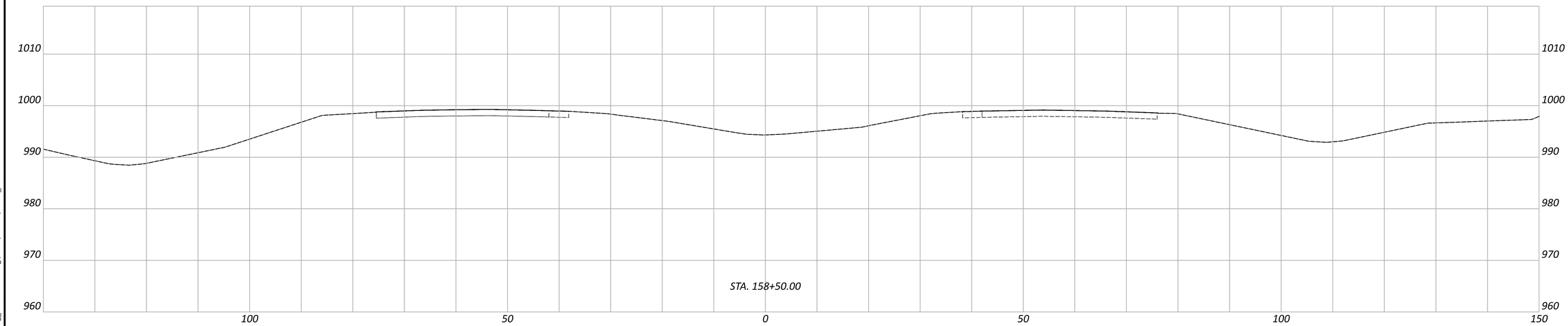
DESIGNER
JAS

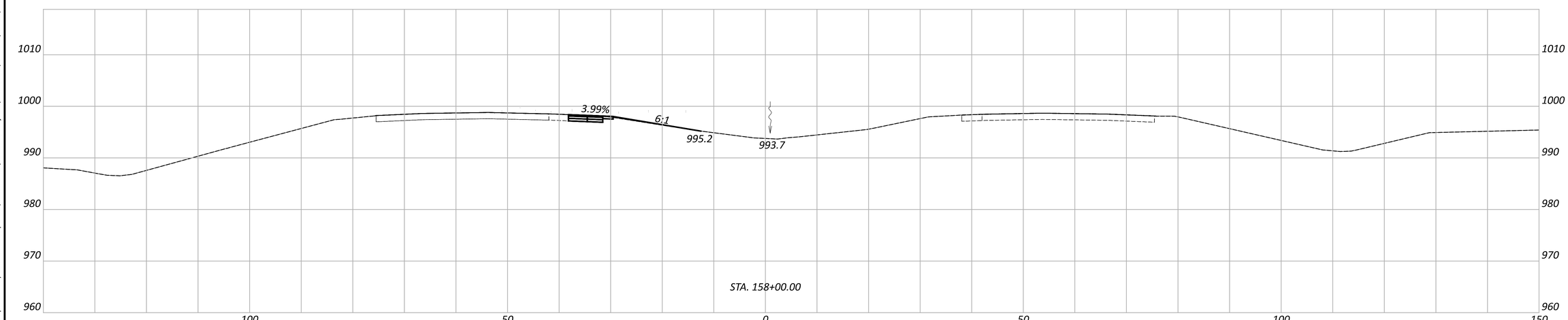
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0210 TOTAL P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0211
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 159+00.00 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:48:05 PM USER: borr
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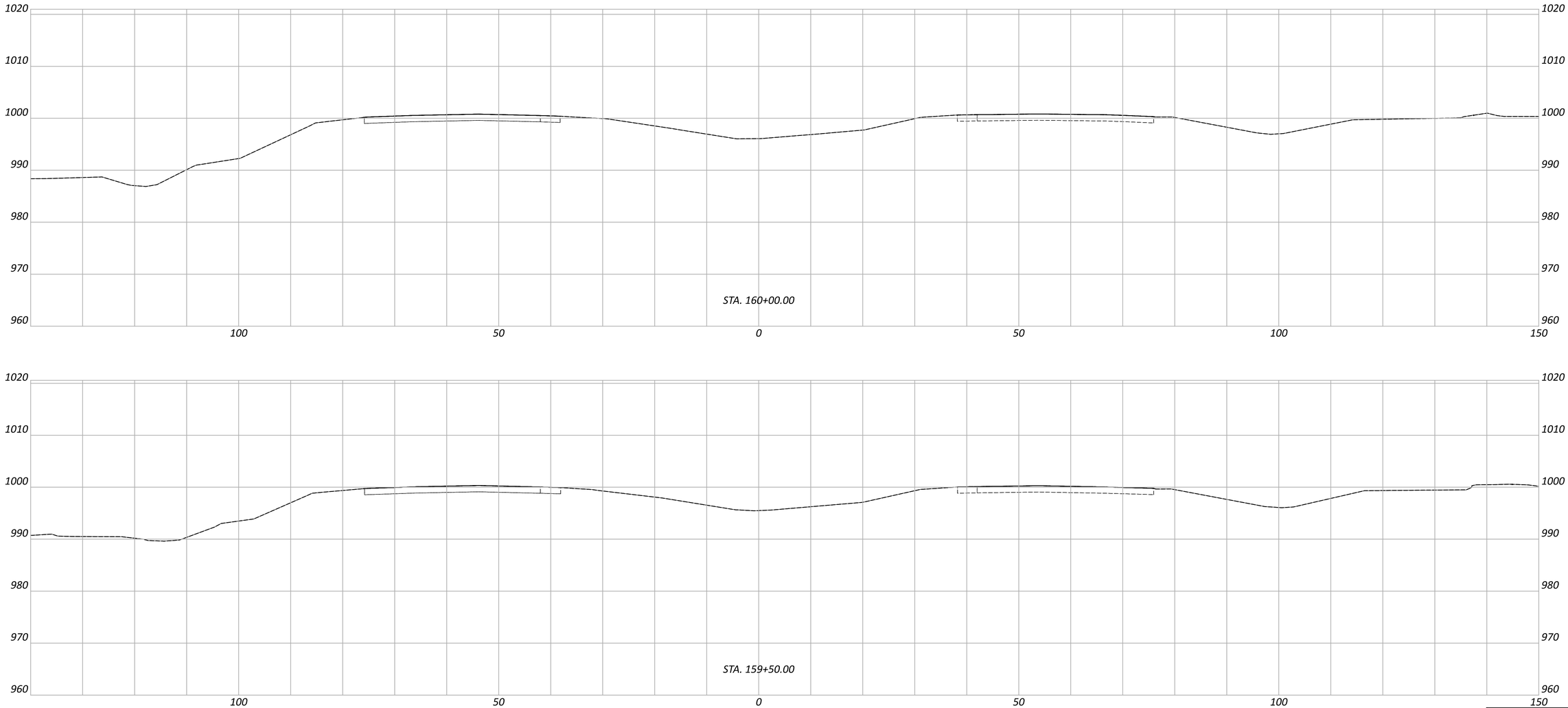

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0212	P.2024

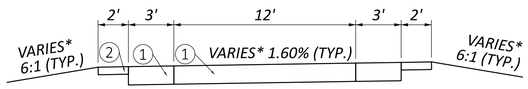
X-1 CURVE DATA
P.I. = STA. 43+95.59
Δ = 09°05'00" RT
Dc = 01°29'18"
R = 3,850.00'
T = 305.82'
L = 610.35'
E = 12.13'

LEGEND

1 ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A

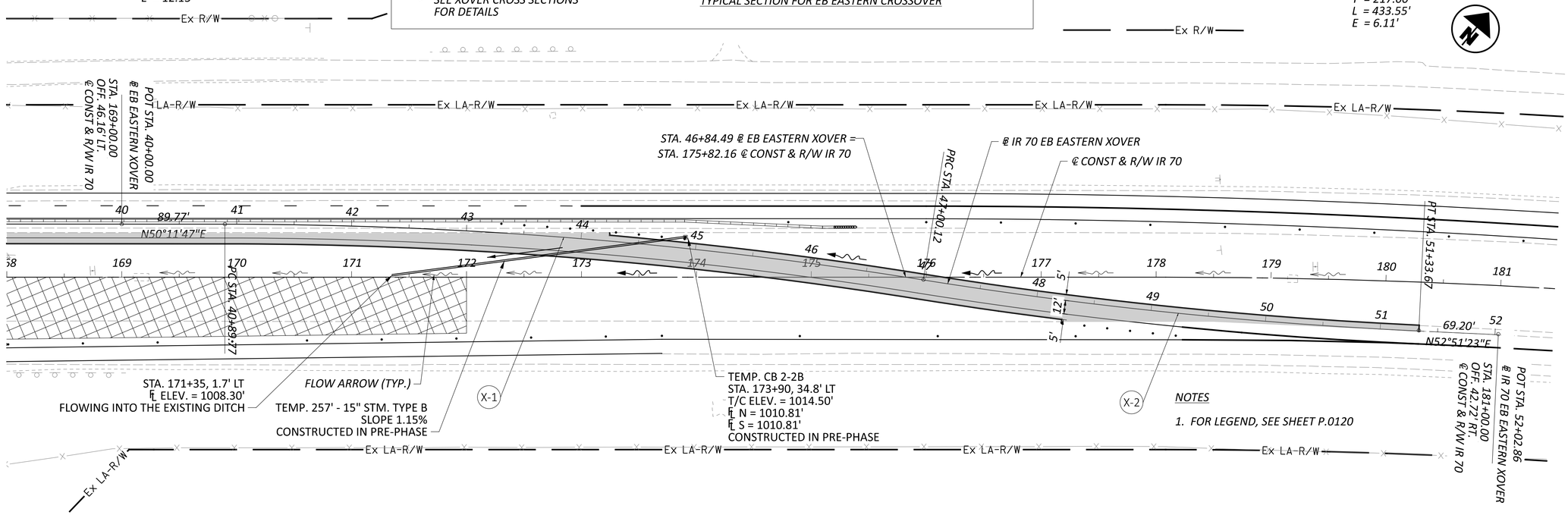
2 ITEM 304 - 6" AGGREGATE BASE

* SEE XOVER CROSS SECTIONS FOR DETAILS



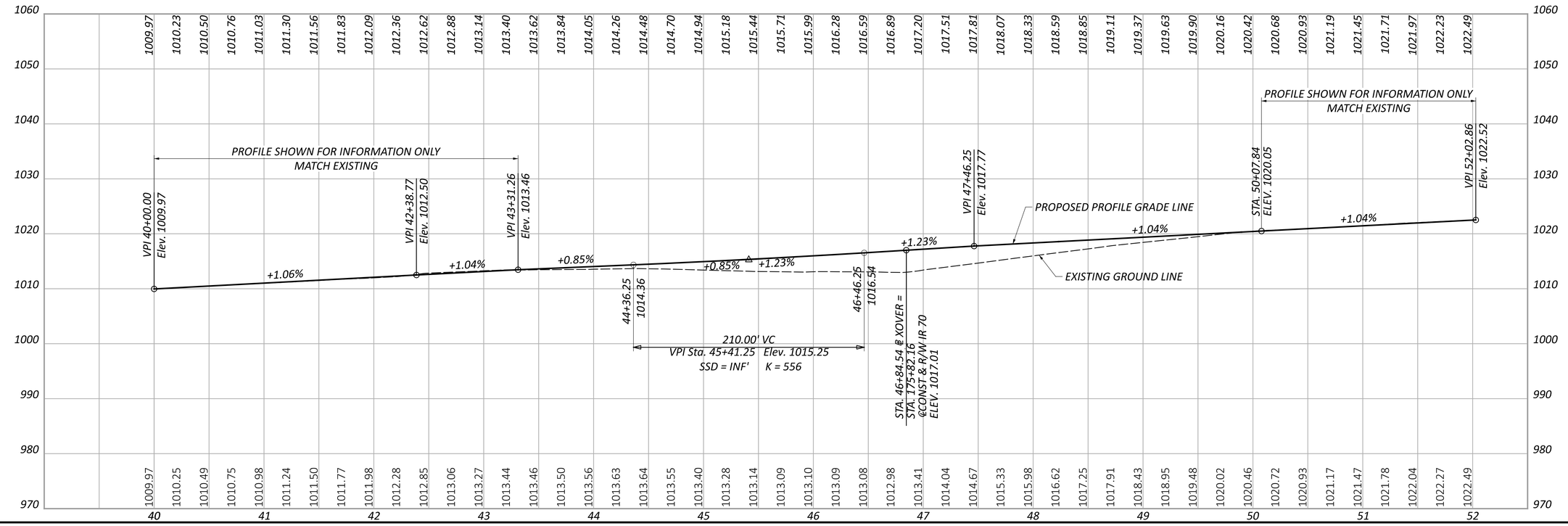
TYPICAL SECTION FOR EB EASTERN CROSSOVER

X-2 CURVE DATA
P.I. = STA. 49+17.12
Δ = 06°27'07" LT
Dc = 01°29'18"
R = 3,850.00'
T = 217.00'
L = 433.55'
E = 6.11'



NOTES

1. FOR LEGEND, SHEET P.0120



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0213 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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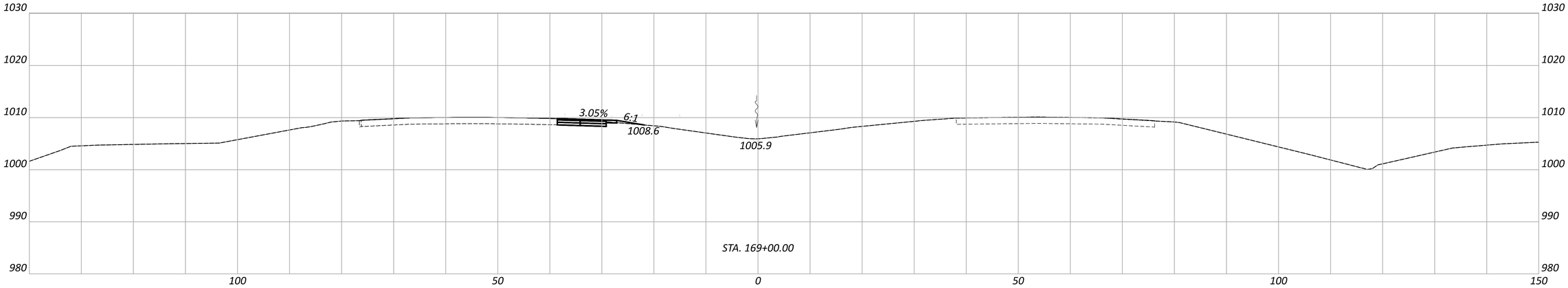

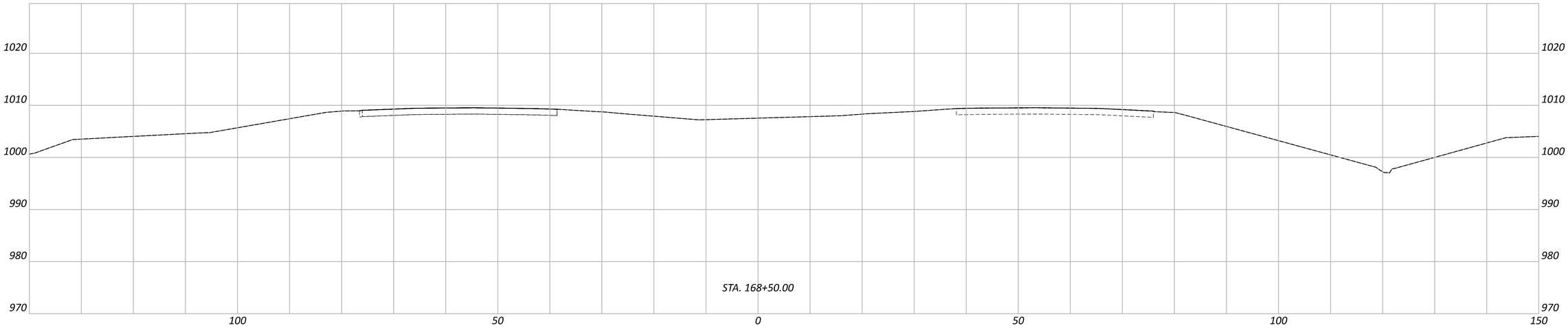

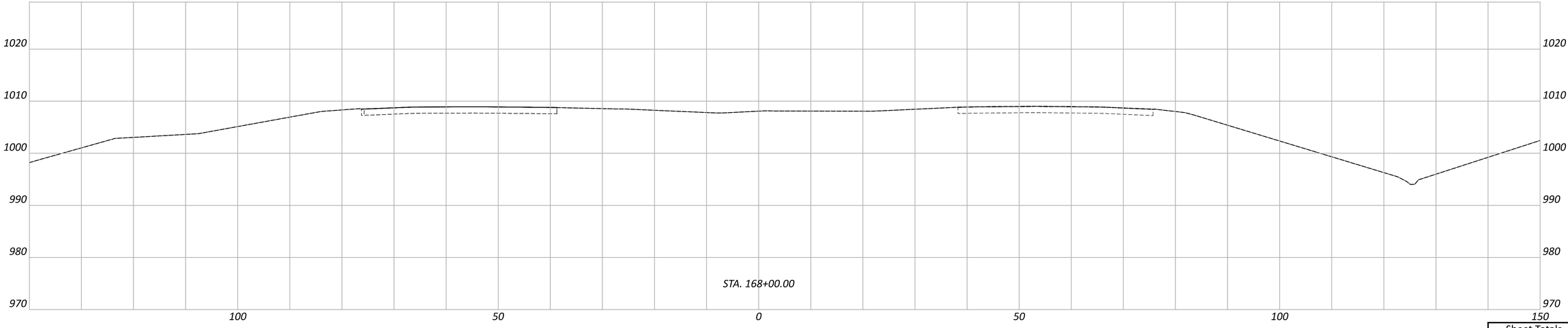

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

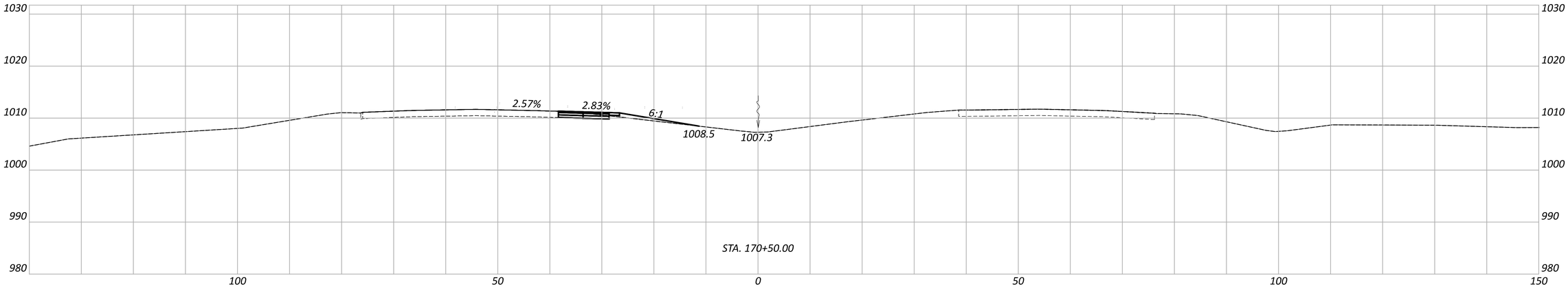
DESIGNER
JAS

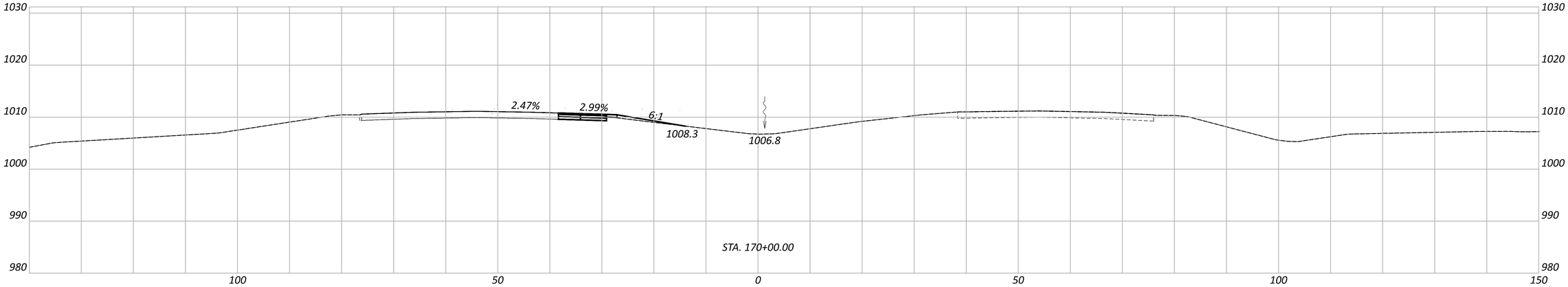
REVIEWER
DRJ 08/07/26

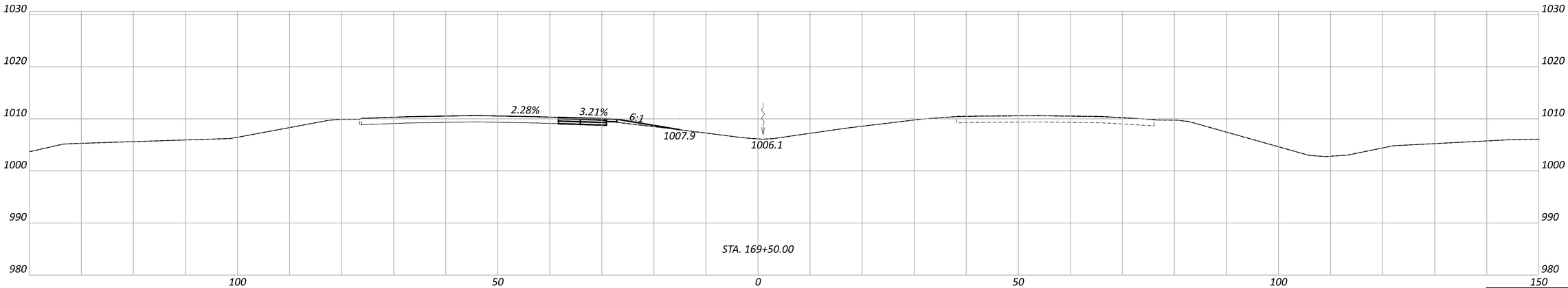
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0214 TOTAL P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

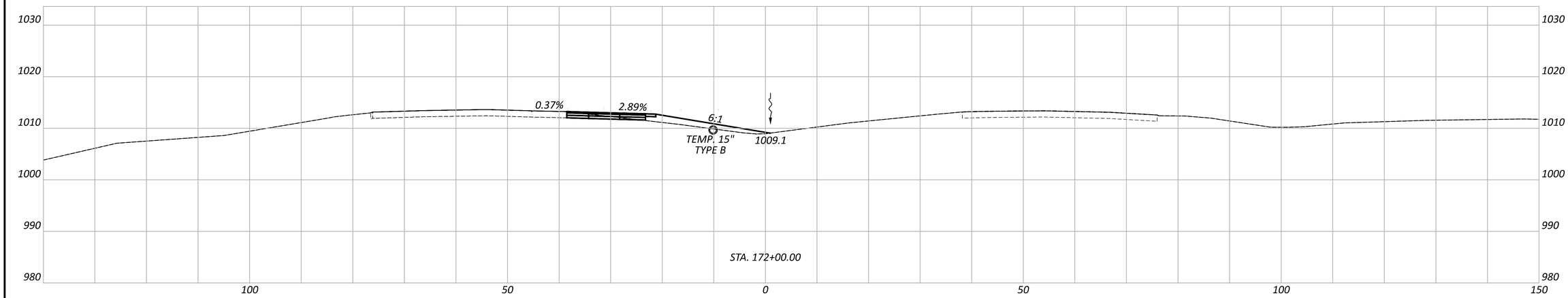
REVIEWER
DRJ 08/07/26

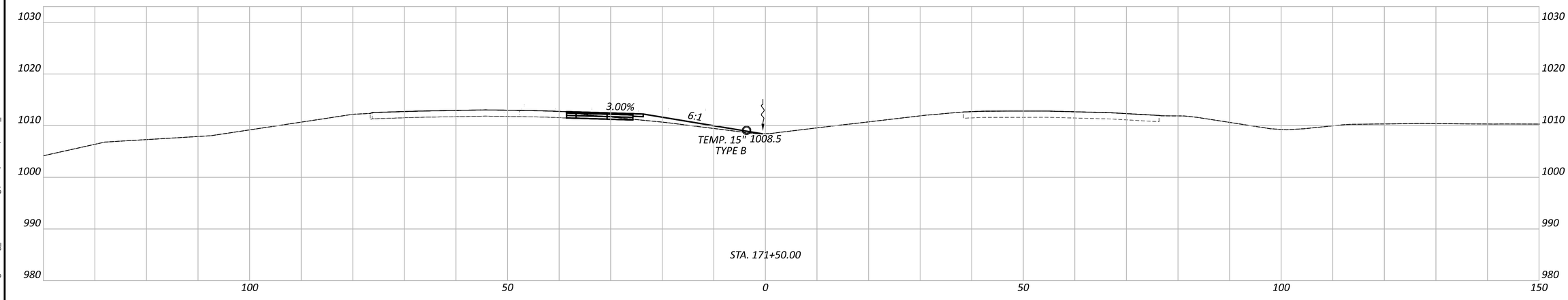
PROJECT ID
96808

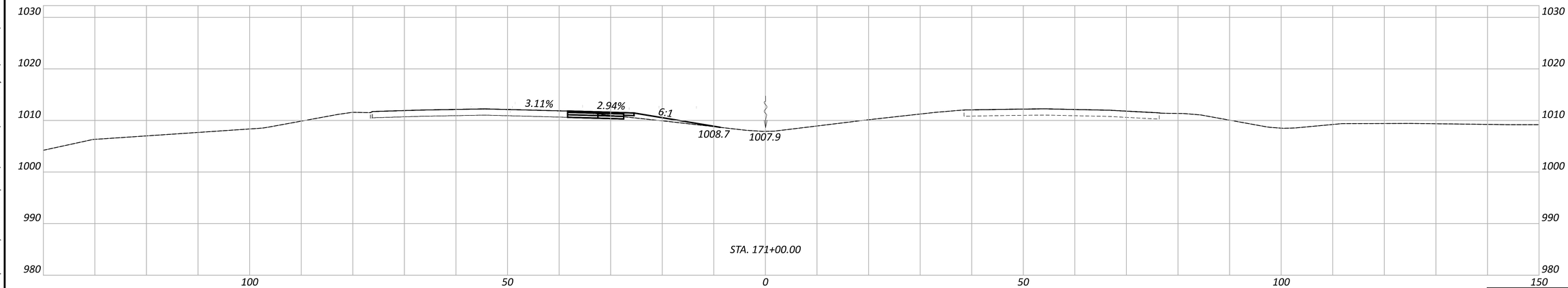
SHEET P.0215 TOTAL P.2024

Sheet Totals

Seeding	Cut	Fill







FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

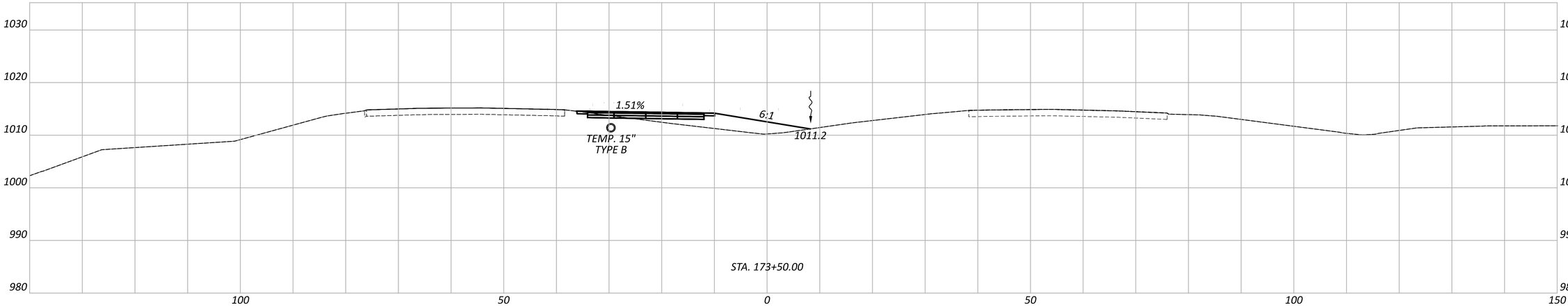
DESIGNER
JAS

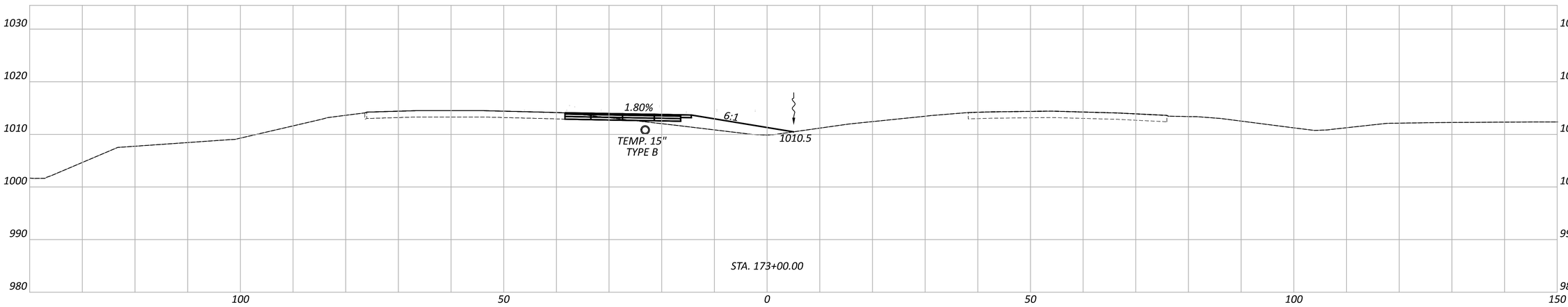
REVIEWER
DRJ 08/07/26

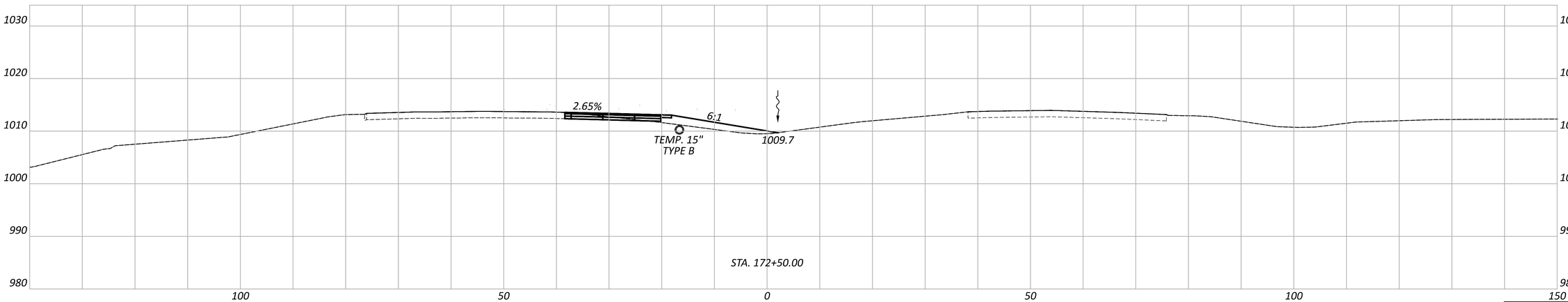
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0216	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT 1 XSC - A 172+50.00 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:49:17 PM USER: borr
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DESIGN AGENCY
GANNETT FLEMING

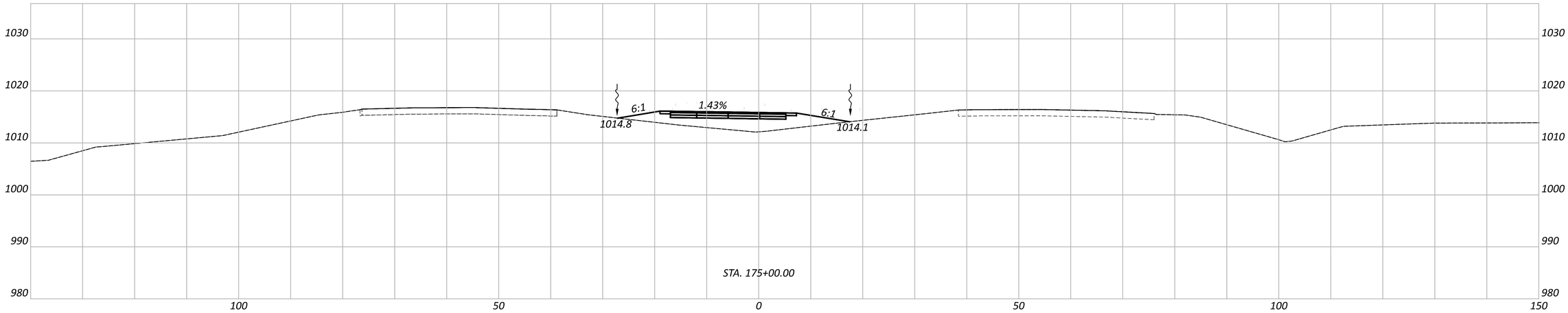
DESIGNER
JAS

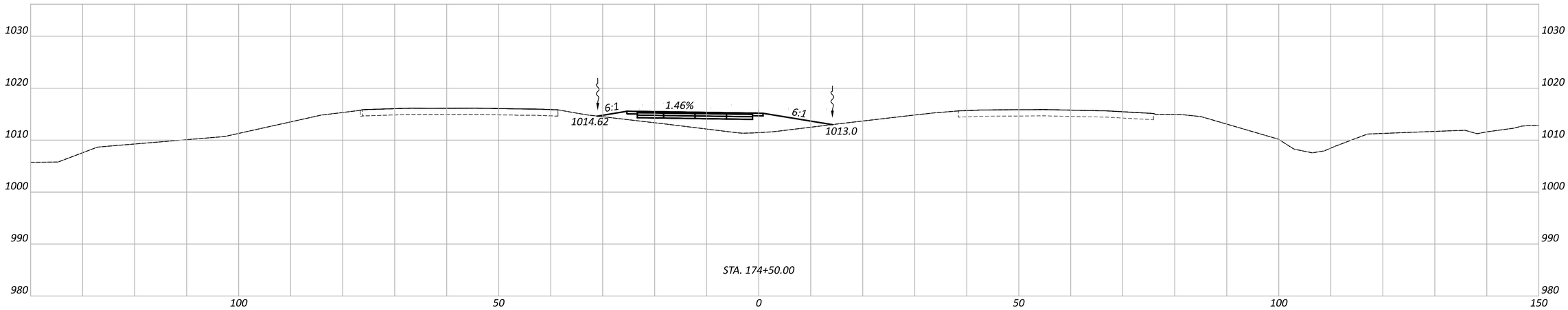
REVIEWER
DRJ 08/07/26

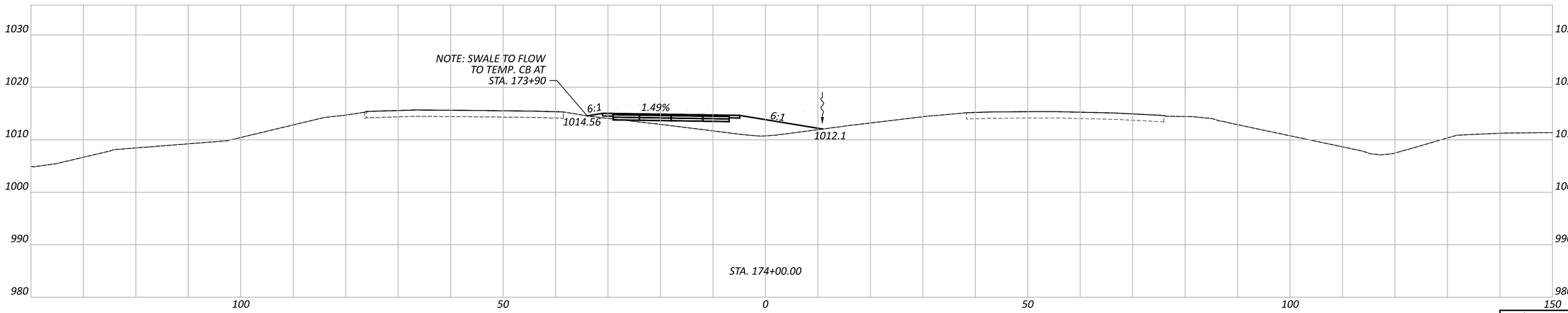
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0217 TOTAL P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

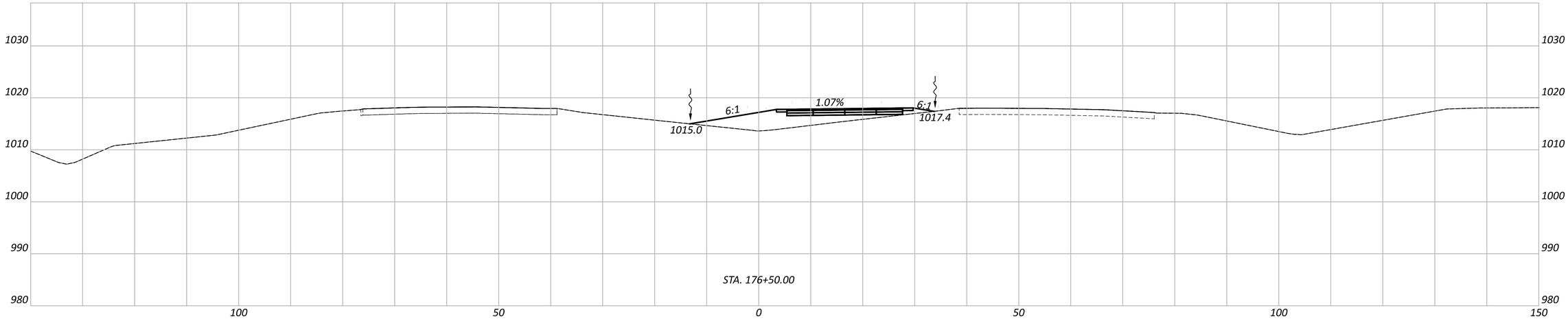
FAI/LIC-IR 70-0.00/0.00

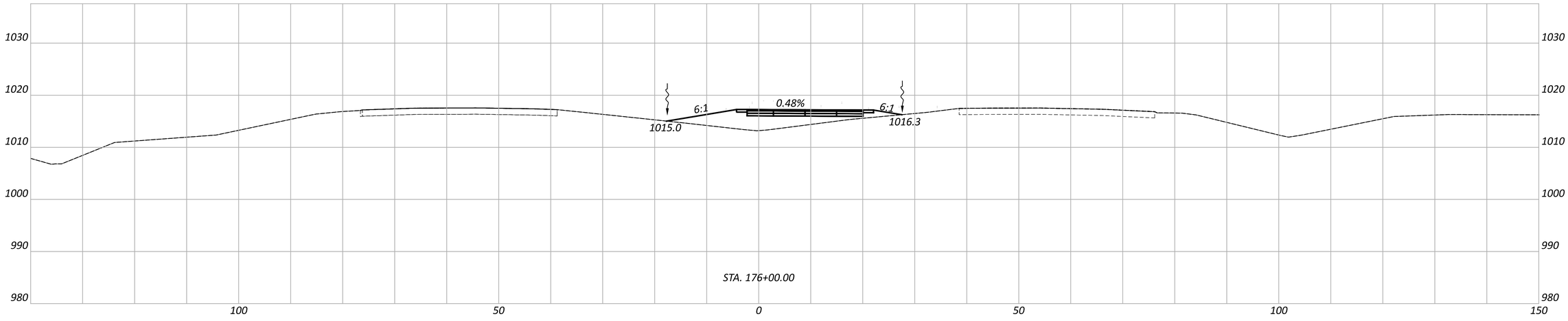
MODEL: MOT 1 XSC - A 174+00.00 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:49:25 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\Mod-Engineering_GannettFleming\MOT\Sheets\96808_MP199

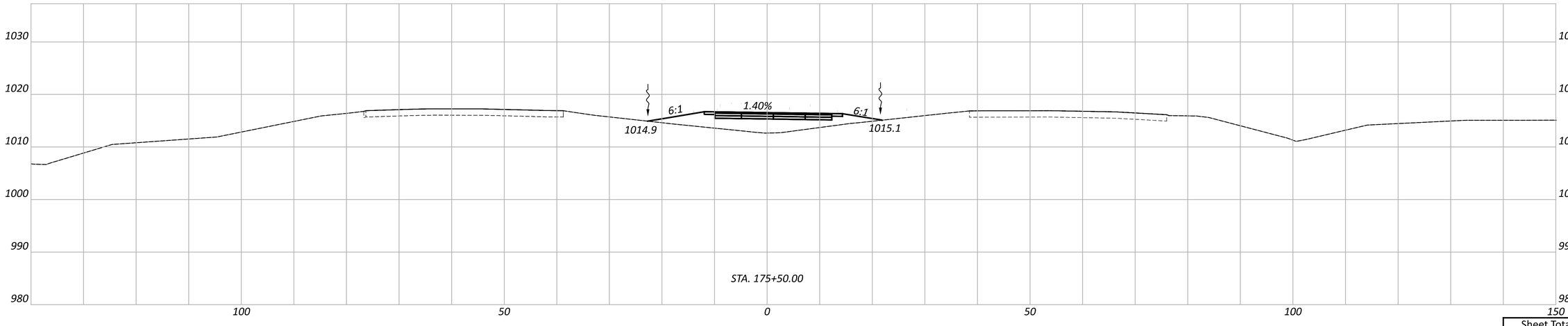
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	REVIEWER	PROJECT ID
JAS	DRJ 08/07/26	96808

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill	P.0218	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

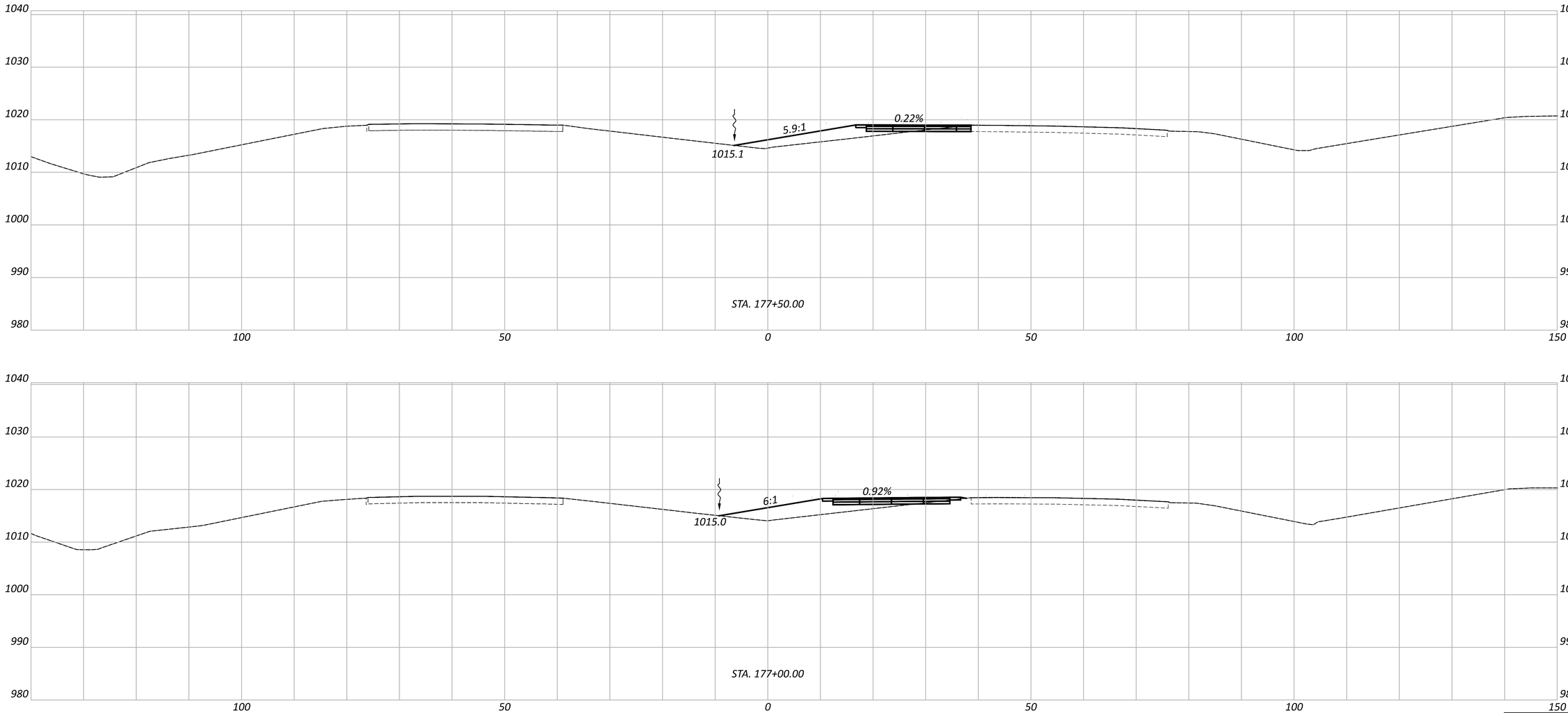
DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0219	P.2024



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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

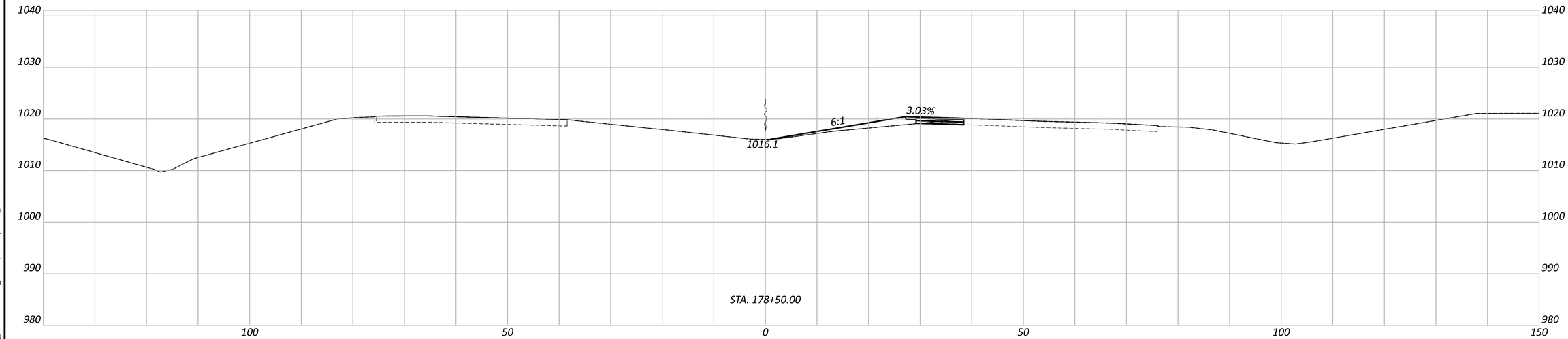
DESIGNER
JAS

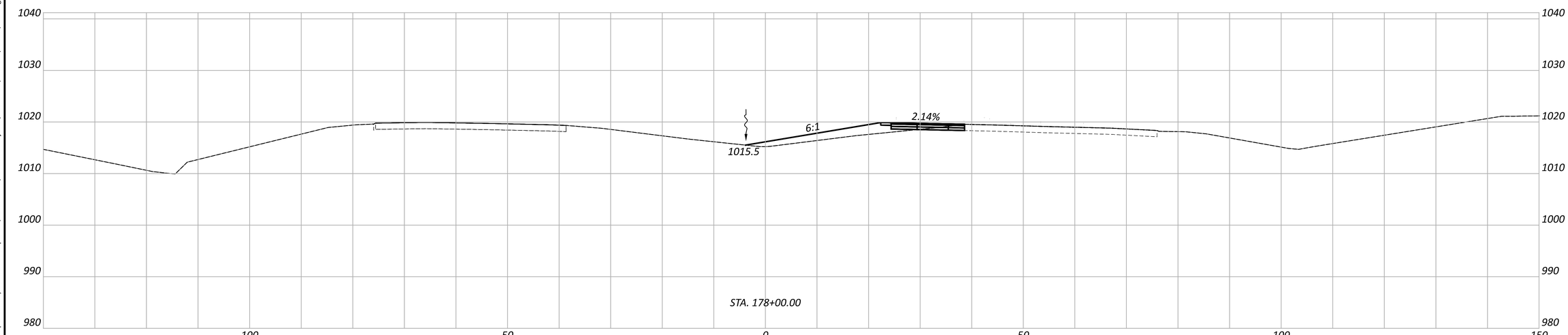
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0220 TOTAL P.2024





MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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Sheet Totals		
Seeding	Cut	Fill

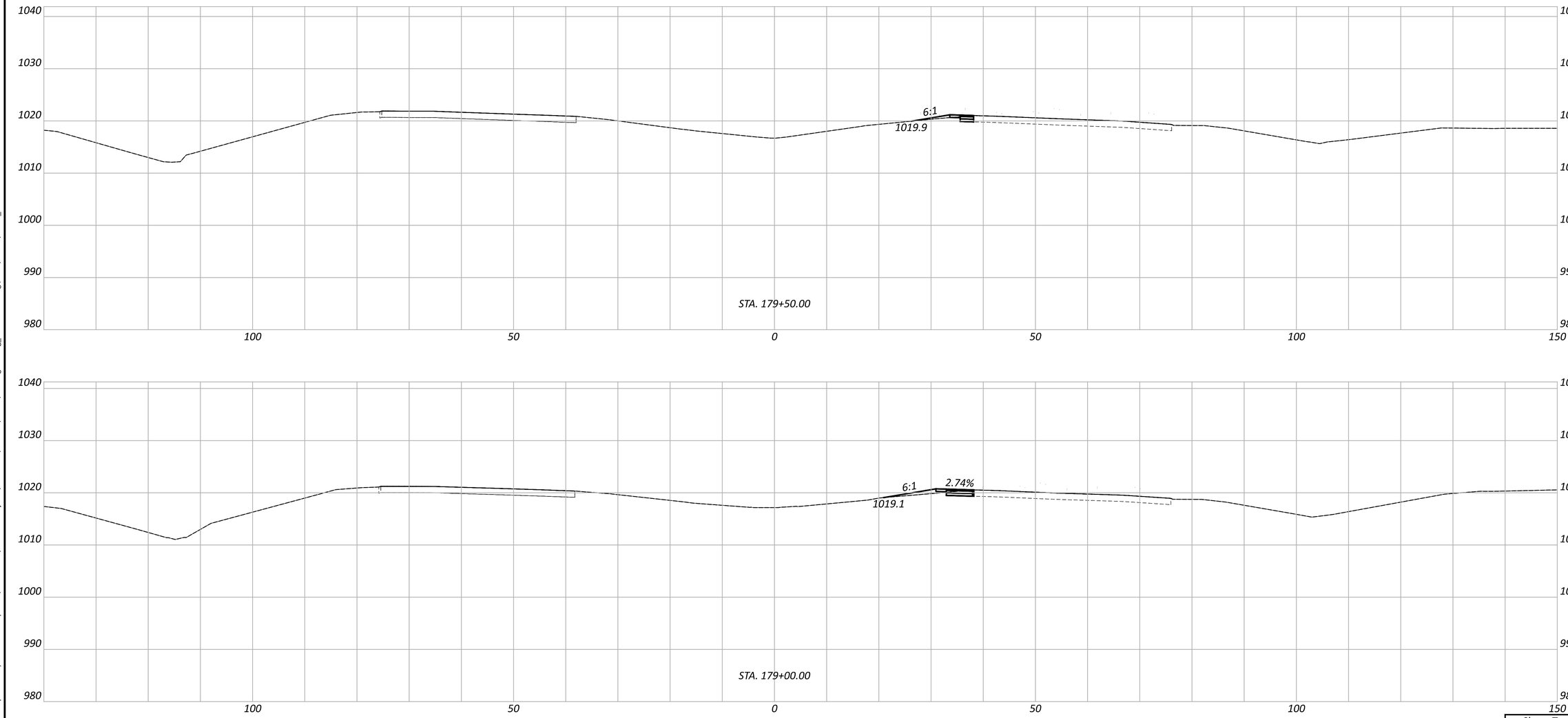
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0221 TOTAL P.2024



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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

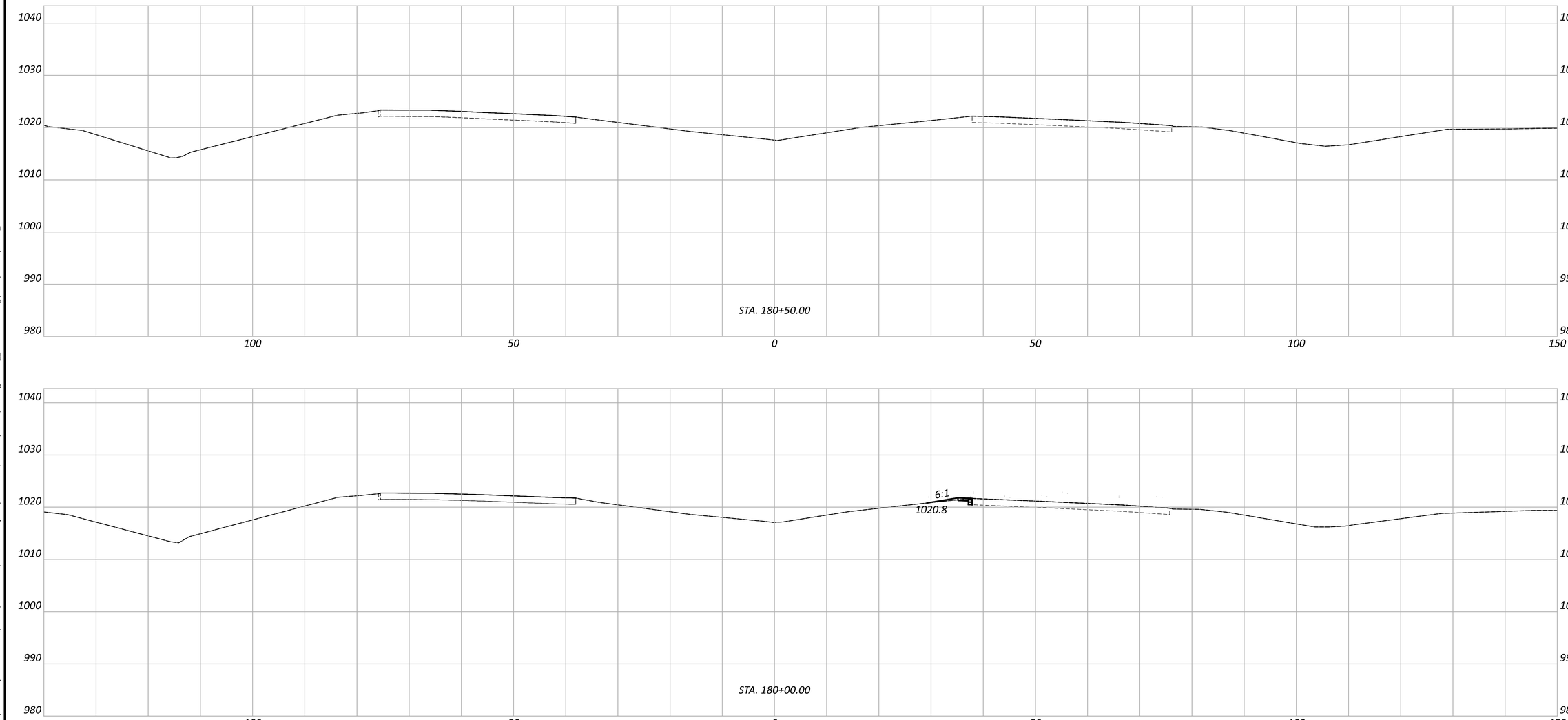
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0222 TOTAL P.2024



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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.0223	P.2024

FAI/LIC-IR 70-0.00/0.00

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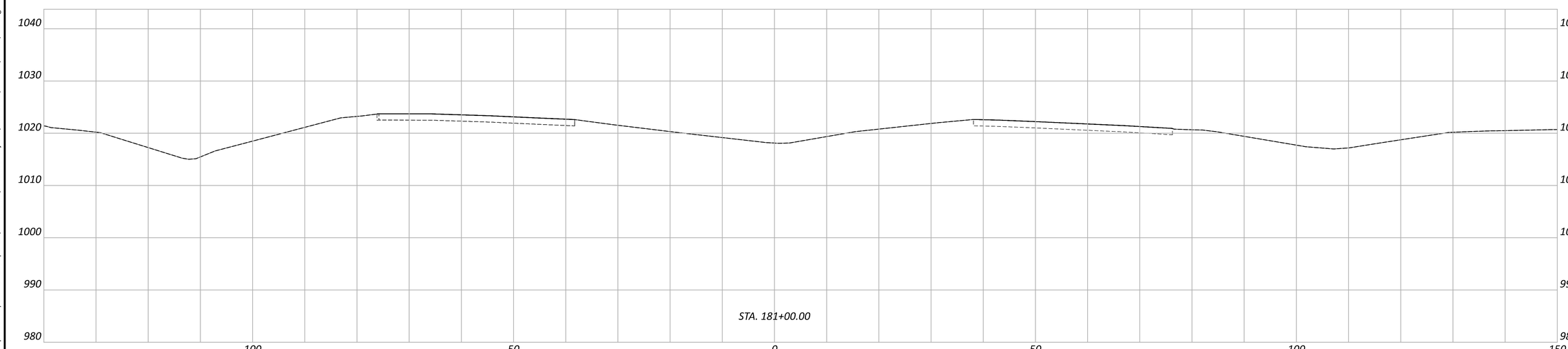


Sheet Totals		
Seeding	Cut	Fill

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 1 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

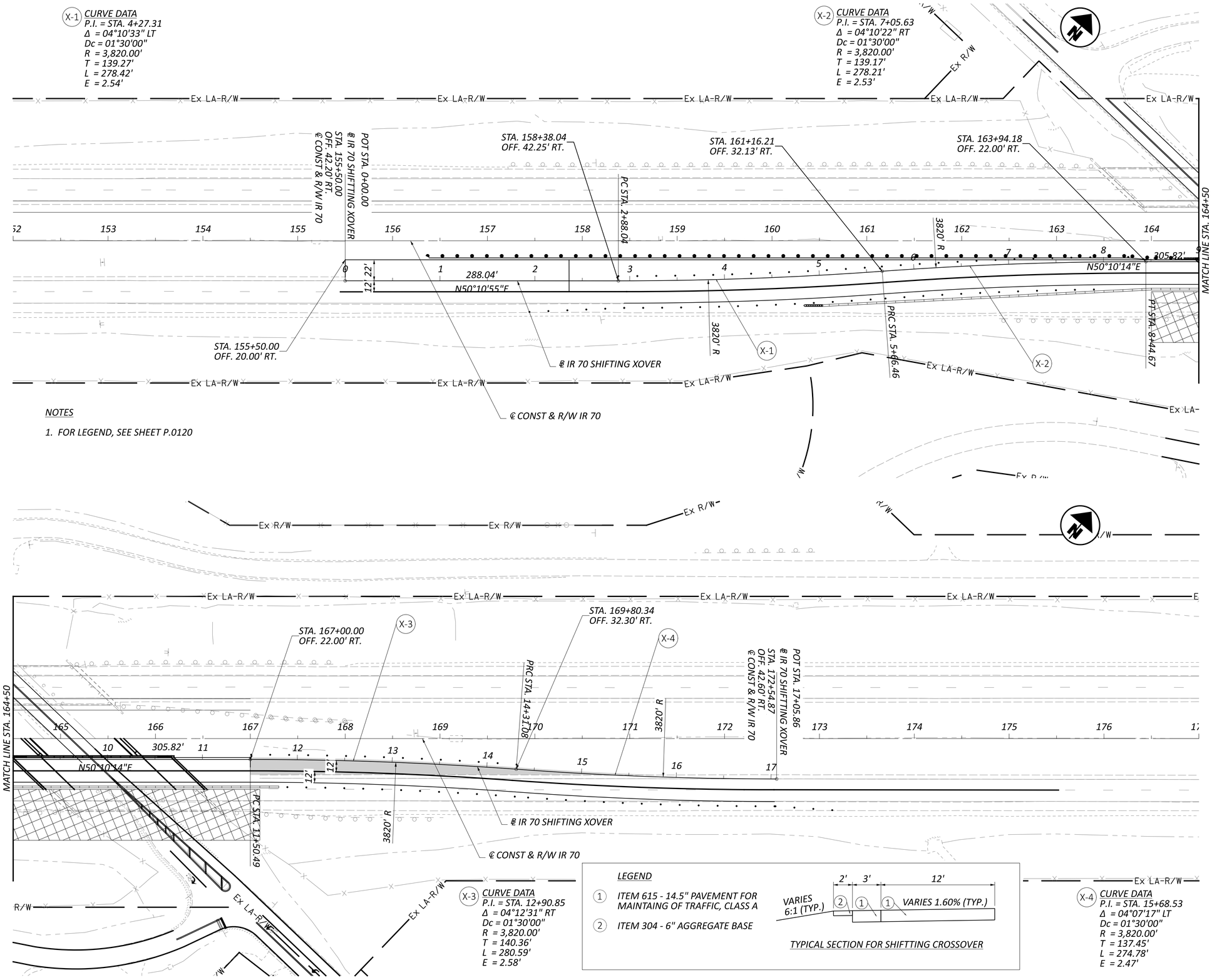
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0224 TOTAL P.2024

X-1 CURVE DATA
P.I. = STA. 4+27.31
Δ = 04°10'33" LT
Dc = 01°30'00"
R = 3,820.00'
T = 139.27'
L = 278.42'
E = 2.54'

X-2 CURVE DATA
P.I. = STA. 7+05.63
Δ = 04°10'22" RT
Dc = 01°30'00"
R = 3,820.00'
T = 139.17'
L = 278.21'
E = 2.53'



NOTES

1. FOR LEGEND, SEE SHEET P.0120

X-3 CURVE DATA
P.I. = STA. 12+90.85
Δ = 04°12'31" RT
Dc = 01°30'00"
R = 3,820.00'
T = 140.36'
L = 280.59'
E = 2.58'

LEGEND

1. ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A
2. ITEM 304 - 6" AGGREGATE BASE

TYPICAL SECTION FOR SHIFTTING CROSSOVER

X-4 CURVE DATA
P.I. = STA. 15+68.53
Δ = 04°07'17" LT
Dc = 01°30'00"
R = 3,820.00'
T = 137.45'
L = 274.78'
E = 2.47'

HORIZONTAL SCALE IN FEET
0 50 100 25

MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS
PHASE 2 - SHIFTING CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0225 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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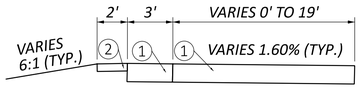
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MP291.dgn

X-1 **CURVE DATA**
P.I. = STA. 177+54.90
Δ = 03°54'44" LT
Dc = 01°29'01"
R = 3,862.00'
T = 131.91'
L = 263.71'
E = 2.25'

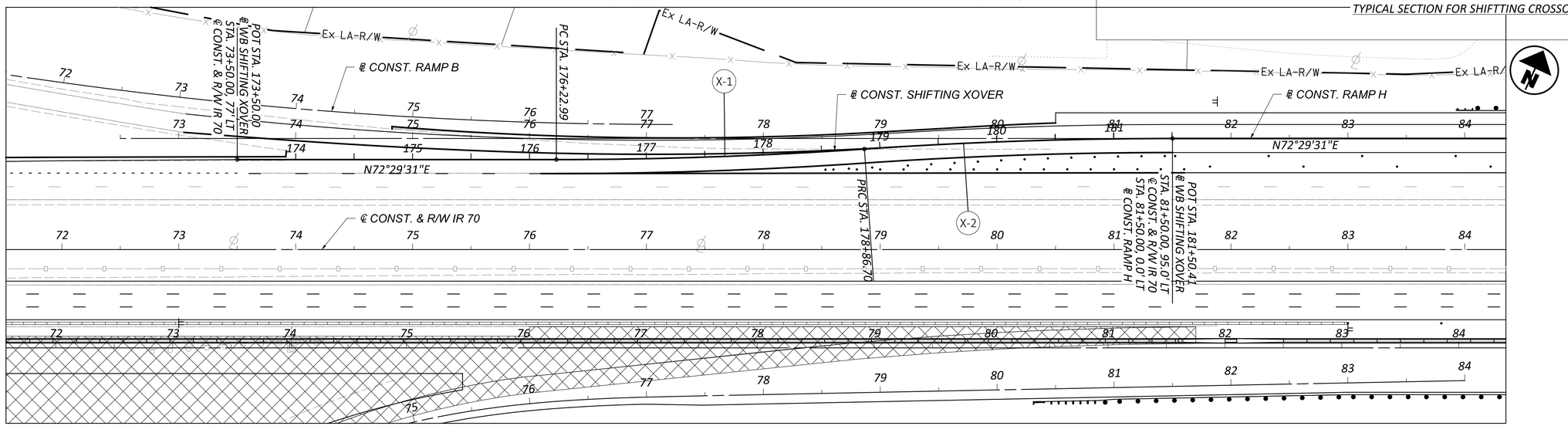
X-2 **CURVE DATA**
P.I. = STA. 180+18.61
Δ = 03°54'44" RT
Dc = 01°29'01"
R = 3,862.00'
T = 131.91'
L = 263.71'
E = 2.25'

LEGEND

1. ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A
2. ITEM 304 - 6" AGGREGATE BASE



TYPICAL SECTION FOR SHIFTTING CROSSOVER

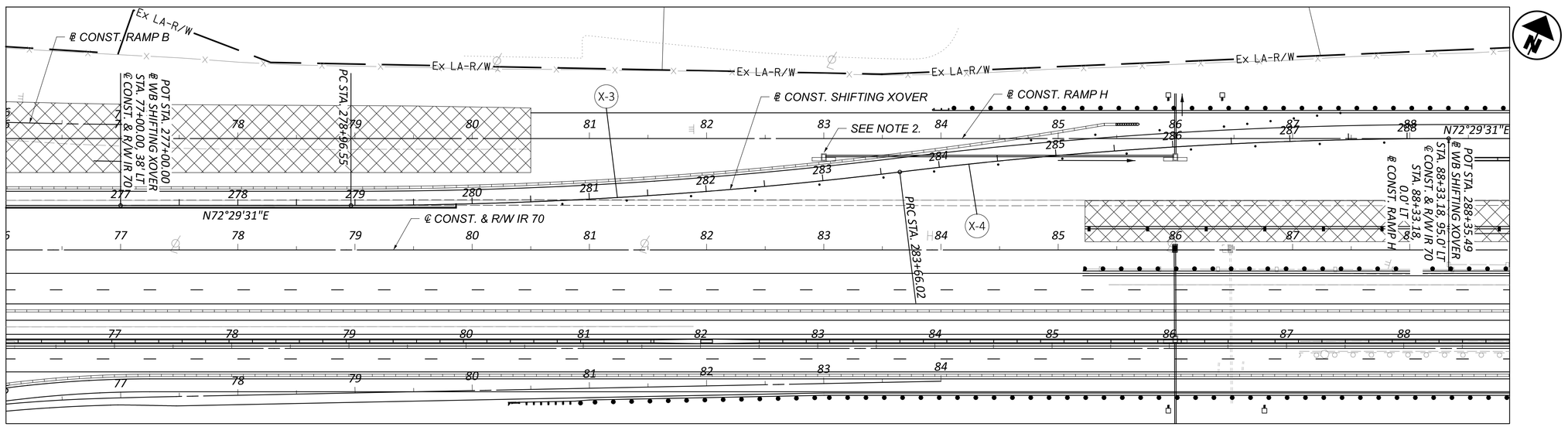


PHASE 2

1. FOR MOT PHASE 2 PHASING PLANS, SEE SHEET P.0136
2. FOR SEQUENCE OF CONSTRUCTION NOTE, SEE SHEET P.0107

NOTES

1. FOR LEGEND, SEE SHEET P.0120
2. IN ORDER TO MAINATIN DRAINAGE AT THIS CROSSOVER IN PHASE 4A, THE CONTRACTOR SHALL CONSTRUCT THE INLET SECTION OF THE PROPOSED I-3C PRIOR TO PHASE 4A. DURING PHASE 4B, THE CONTRACTOR SHALL COME BACK AND COMPLETE THE STUCTURE DURING THE CONSTRUCTION OF THE CONCRETE BARRIER.



PHASE 4A

1. FOR MOT PHASE 4A PHASING PLANS, SEE SHEET P.0161
2. FOR SEQUENCE OF CONSTRUCTION NOTE, SEE SHEET P.0107

X-3 **CURVE DATA**
P.I. = STA. 281+31.57
Δ = 06°57'54"LT
Dc = 01°29'01"
R = 3,862.00'
T = 235.03'
L = 469.47'
E = 7.14'

X-4 **CURVE DATA**
P.I. = STA. 286+01.05
Δ = 06°57'54"LT
Dc = 01°29'01"
R = 3,862.00'
T = 235.03'
L = 469.47'
E = 7.14'

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 4/25/25
PROJECT ID	96808
SHEET	P.0226
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:50:35 PM USER: borr
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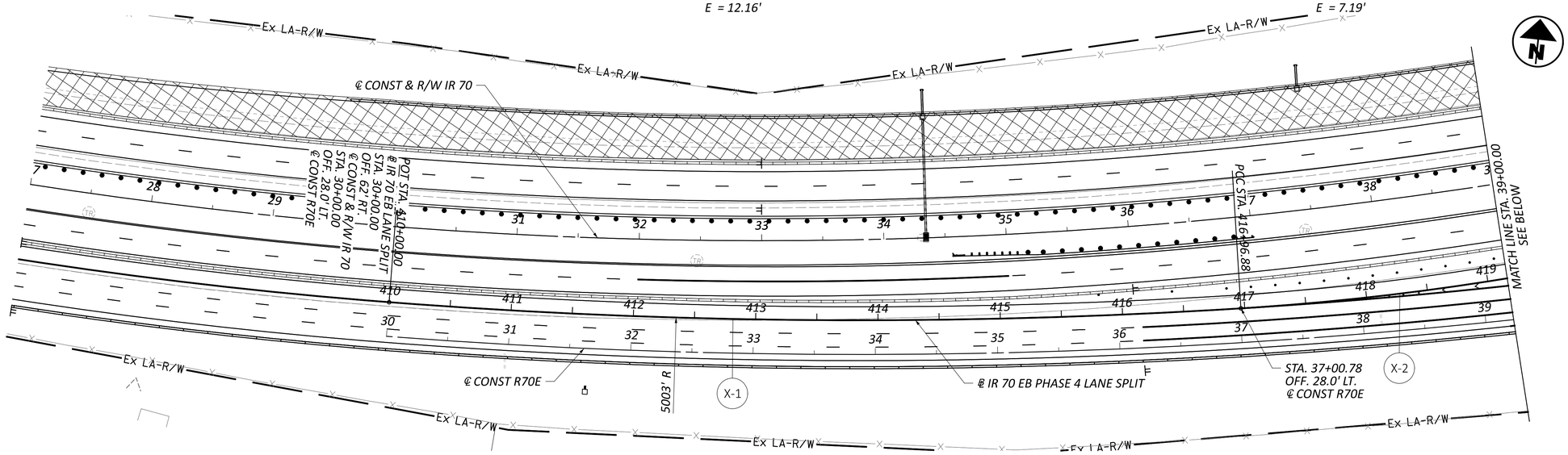
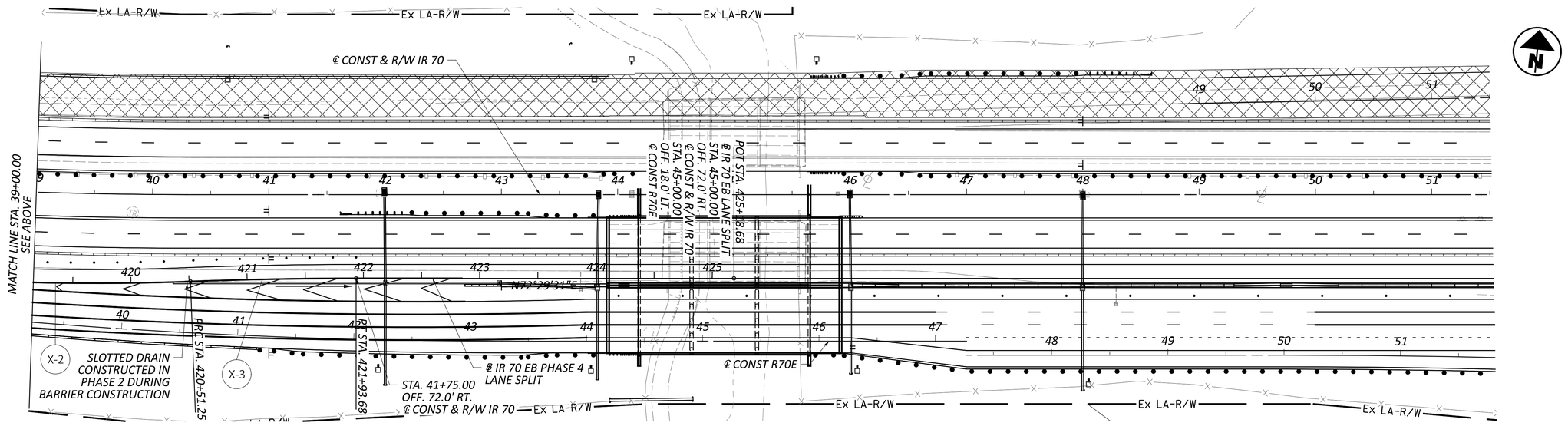
X-1 **CURVE DATA**
P.I. = STA. 413+49.01
Δ = 07°58'52" LT
Dc = 01°08'43"
R = 5,002.86'
T = 349.01'
L = 696.88'
E = 12.16'

X-2 **CURVE DATA**
P.I. = STA. 418+74.45
Δ = 09°16'46" LT
Dc = 02°37'07"
R = 2,188.00'
T = 177.57'
L = 354.36'
E = 7.19'



PHASE 4A&B

1. FOR MOT PHASE 4A PHASING PLANS, SEE SHEETS P.0159 & P.0160
2. FOR SEQUENCE OF CONSTRUCTION NOTE, SEE SHEET P.0107



X-3 **CURVE DATA**
P.I. = STA. 421+22.47
Δ = 02°08'35" RT
Dc = 01°30'17"
R = 3,808.00'
T = 71.22'
L = 142.43'
E = .67'

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL PHASE 4 - IR 70 EB LANE SPLIT

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 04-25-25
PROJECT ID	96808
SHEET	P.0227
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet Phase 4A PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:51:05 PM USER: borr
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FAI/LIC-IR 70-0.00/0.00

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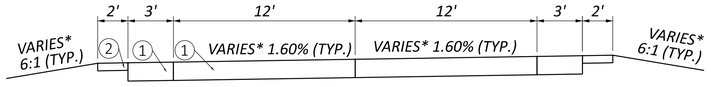
(X-1) *CURVE DATA*
P.I. = STA. 102+73.18
Δ = 08°07'03" RT
Dc = 01°29'18"
R = 3,850.00'
T = 273.18'
L = 545.45'
E = 9.68'

LEGEND

(1) *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*

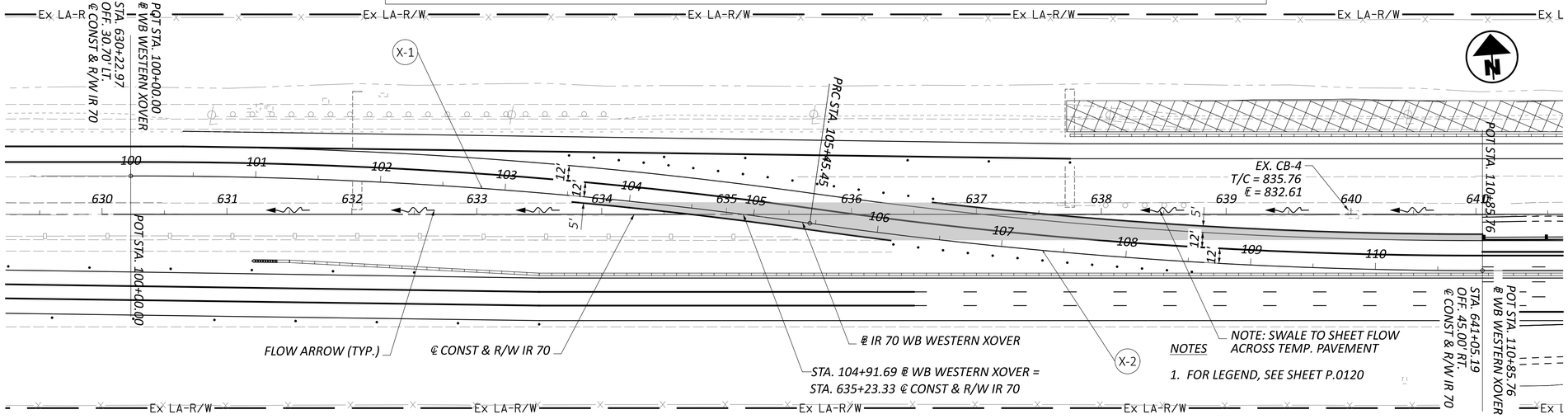
(2) *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



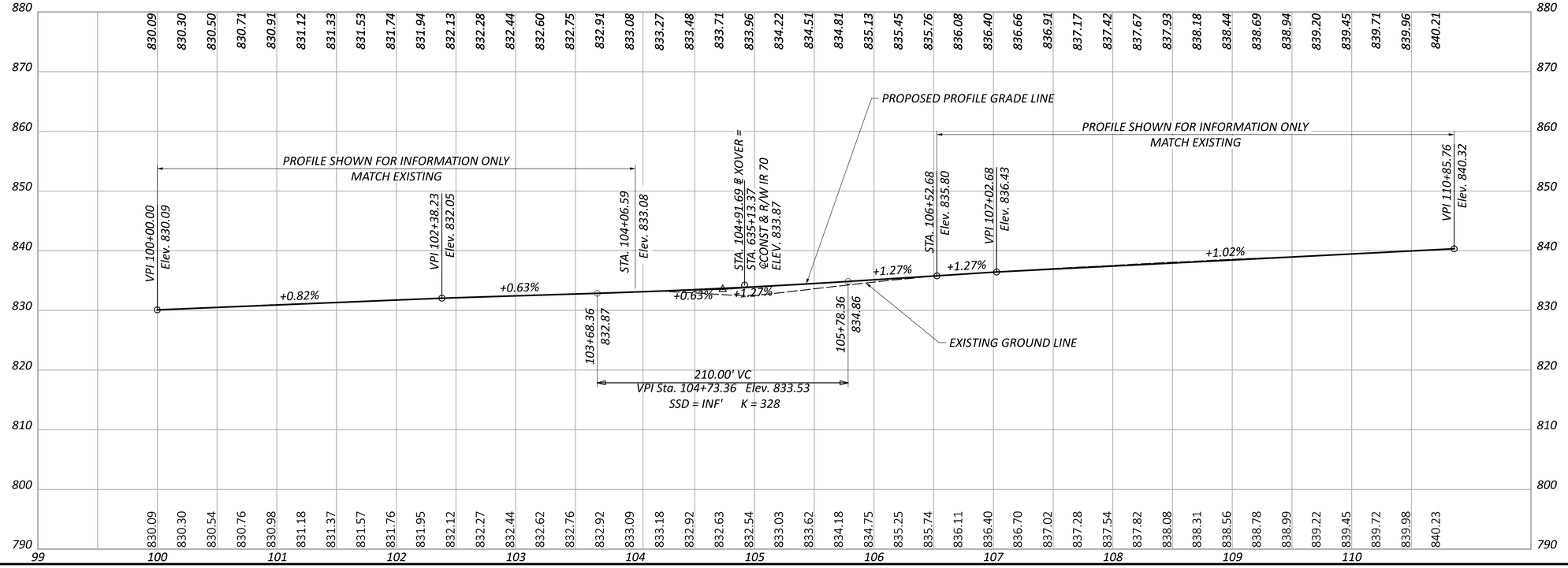
TYPICAL SECTION FOR WB WESTERN CROSSOVER

(X-2) *CURVE DATA*
P.I. = STA. 108+16.05
Δ = 08°02'27" LT
Dc = 01°29'18"
R = 3,850.00'
T = 270.60'
L = 540.31'
E = 9.50'



NOTES

1. *FOR LEGEND, SEE SHEET P.0120*



HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

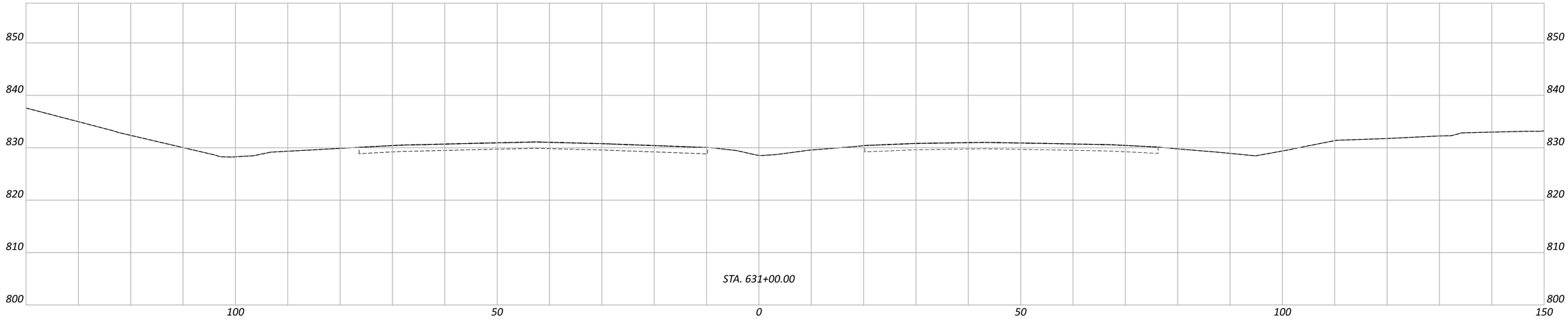
DESIGN AGENCY
GANNETT FLEMING

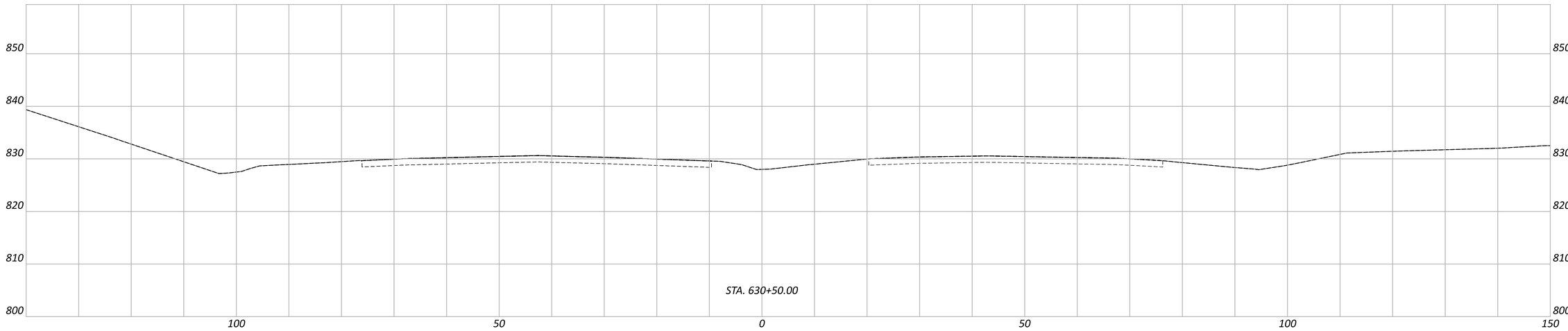
DESIGNER JAS

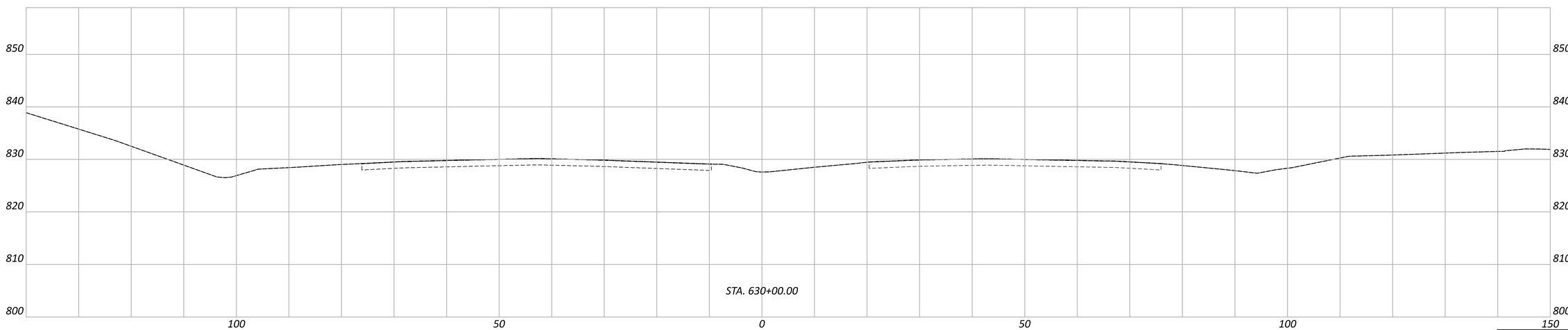
REVIEWER DRJ 08/07/26

PROJECT ID 96808

SHEET P.0228 TOTAL P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

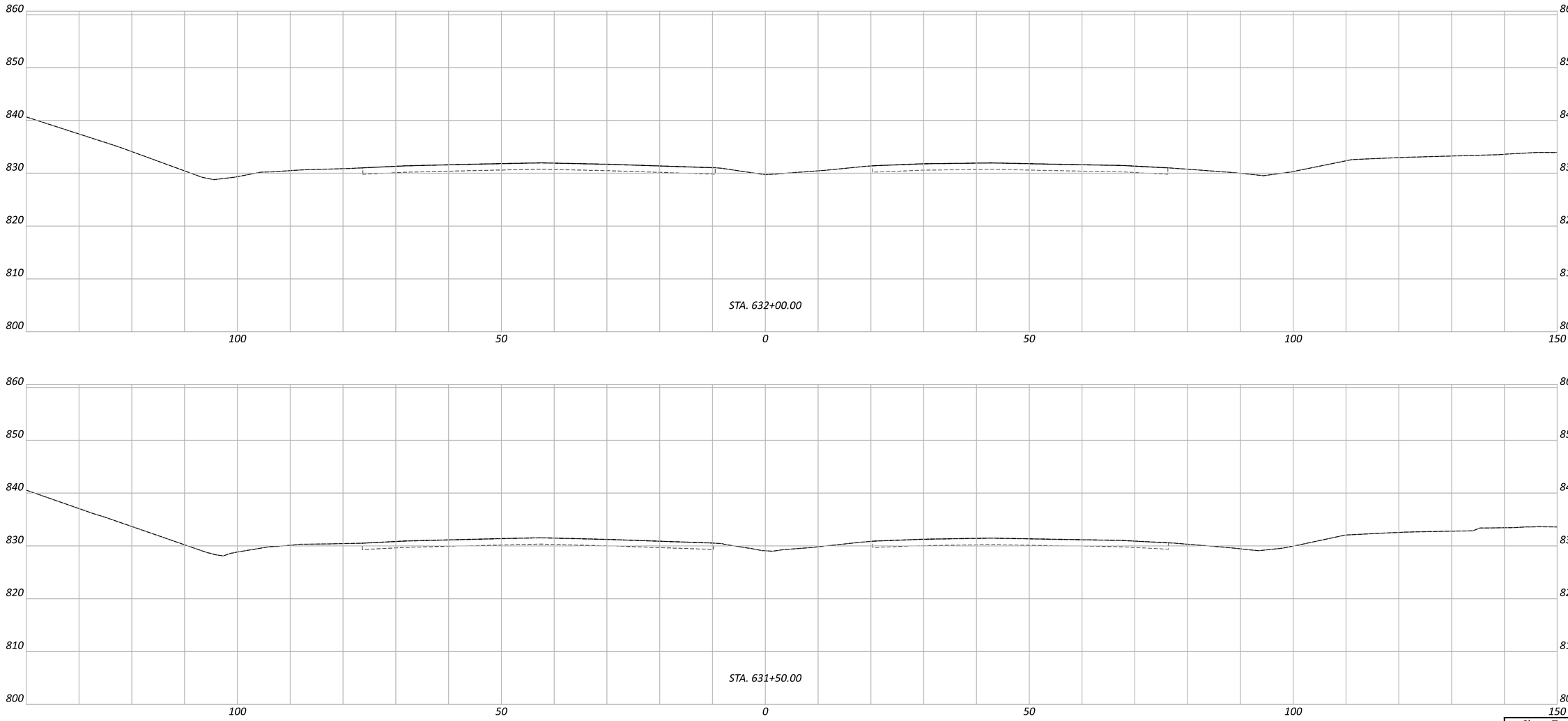
DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0229 TOTAL P.2024

Sheet Totals		
Seeding	Cut	Fill



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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

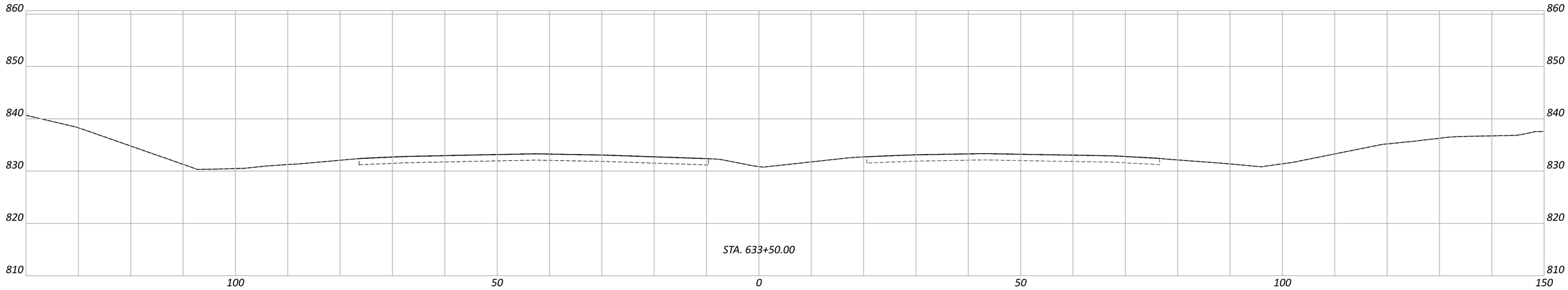
DESIGNER
JAS

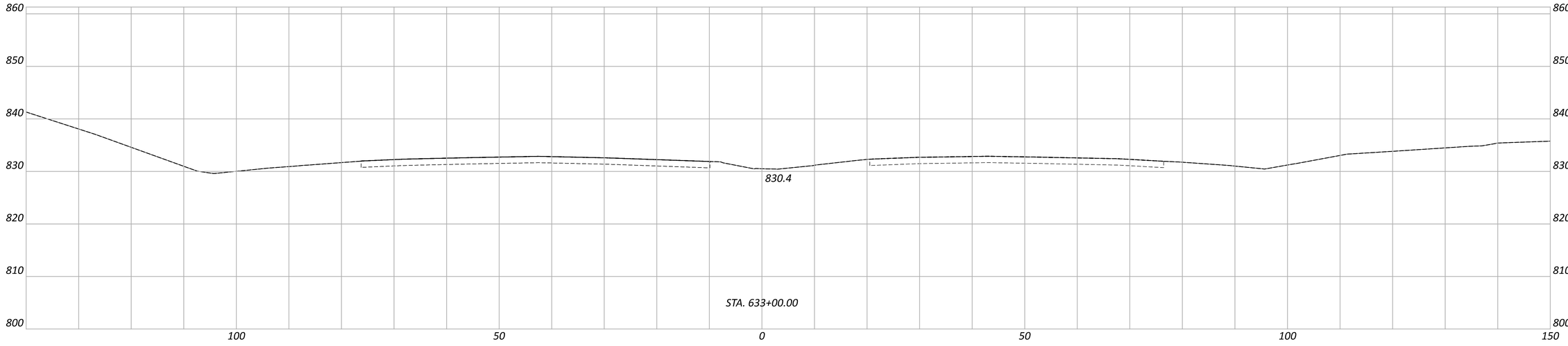
REVIEWER
DRJ 08/07/26

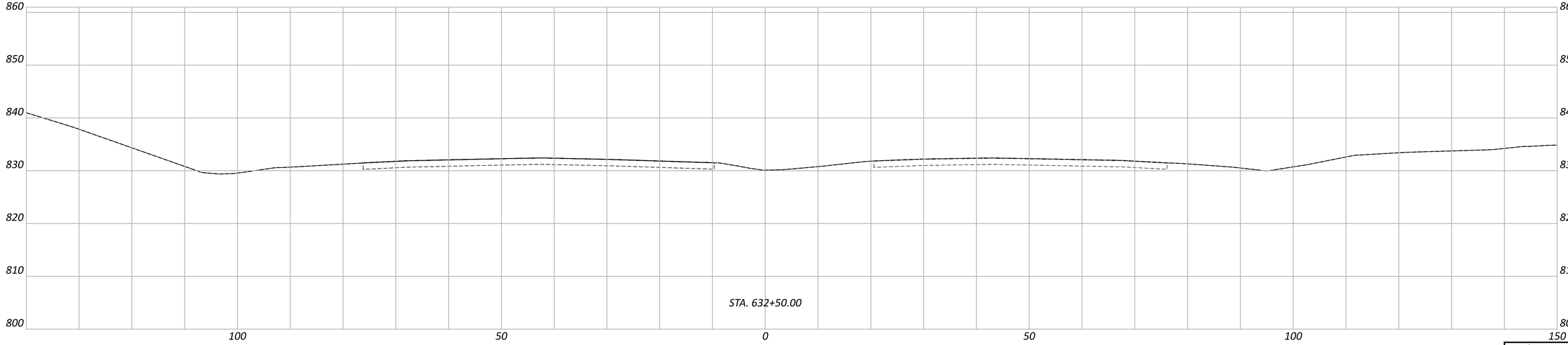
PROJECT ID
96808

SHEET P.0230 TOTAL P.2024

Sheet Totals		
Seeding	Cut	Fill







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

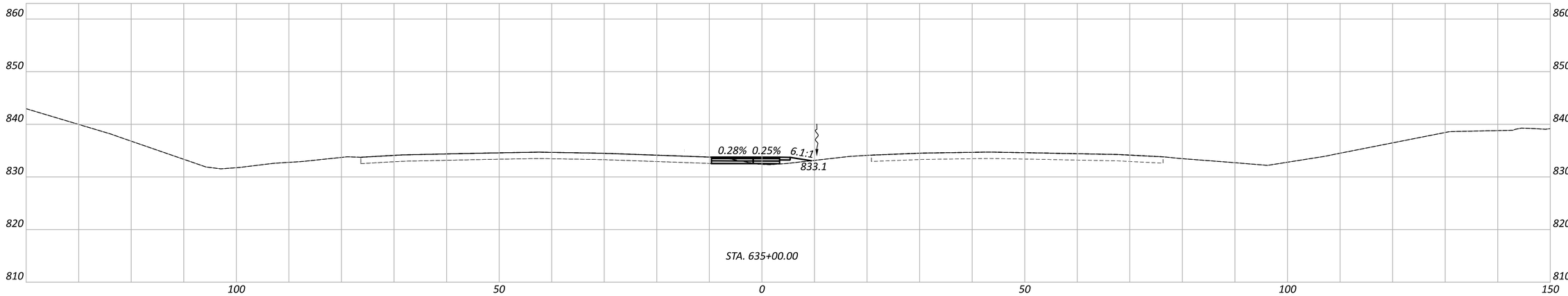
DESIGNER
JAS

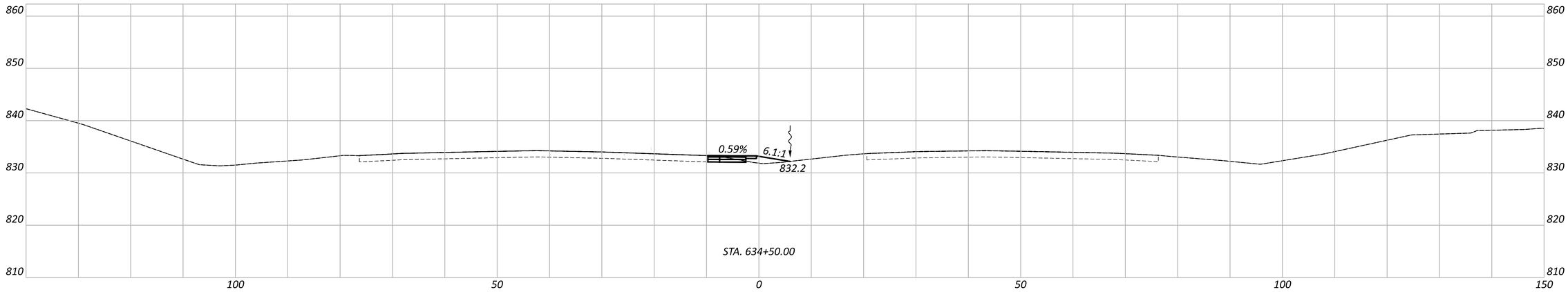
REVIEWER
DRJ 08/07/26

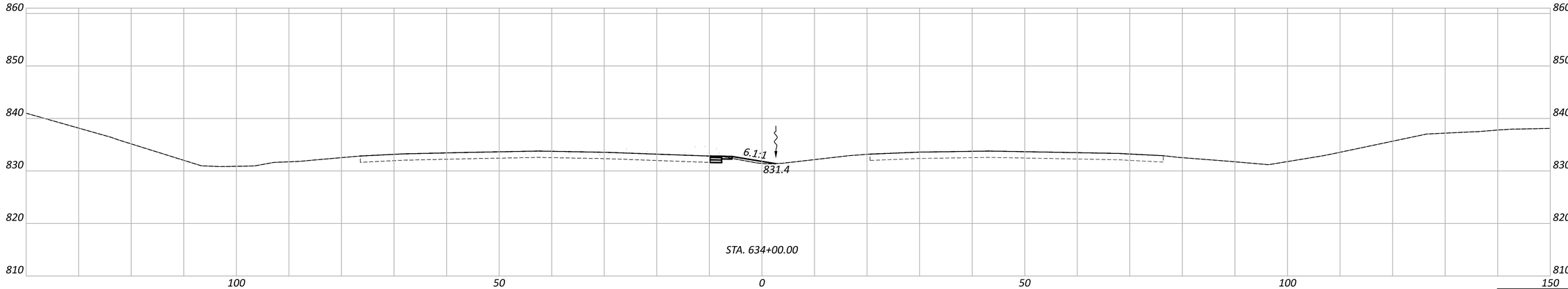
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0231	P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

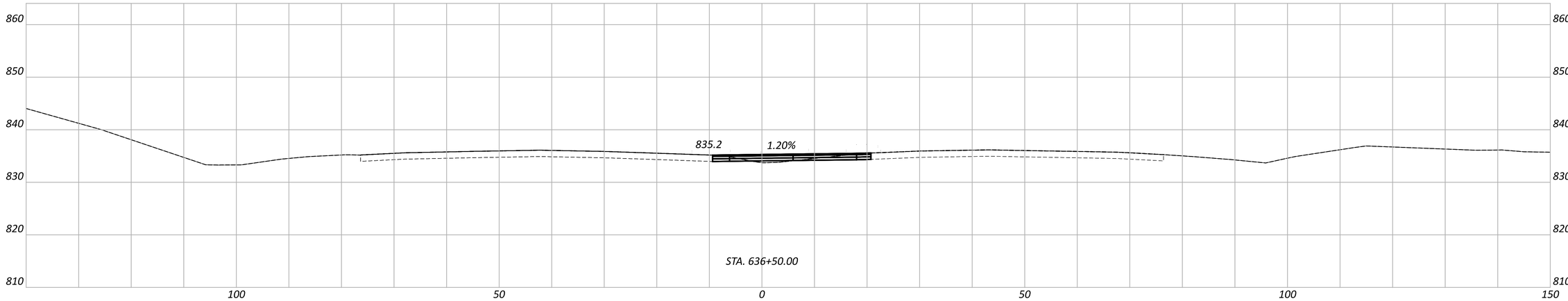
DESIGNER
JAS

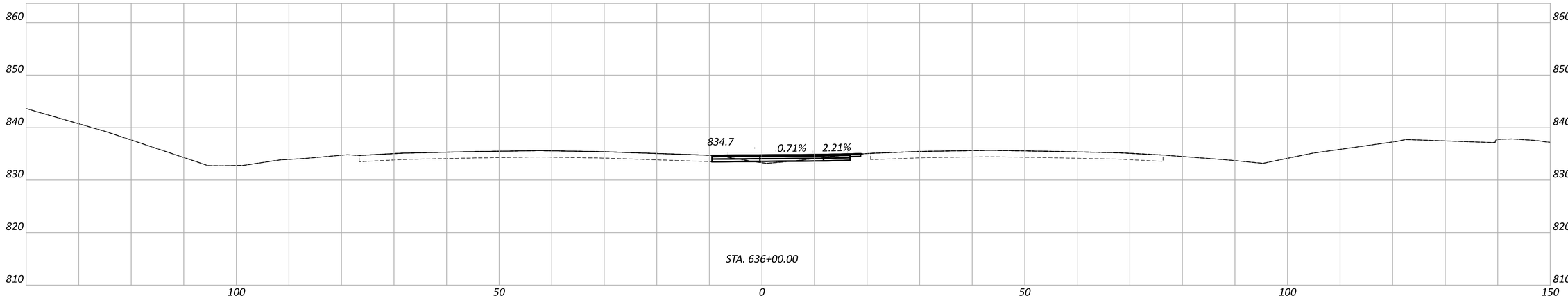
REVIEWER
DRJ 08/07/26

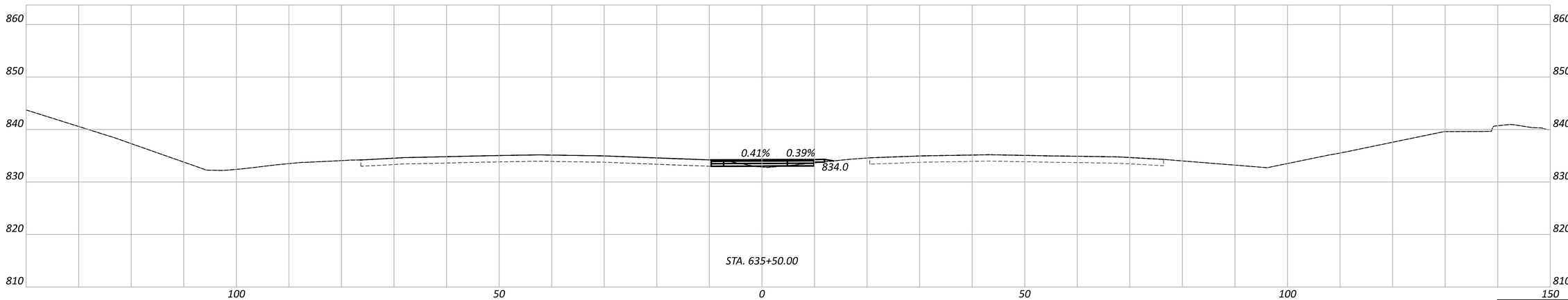
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0232 TOTAL P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0233 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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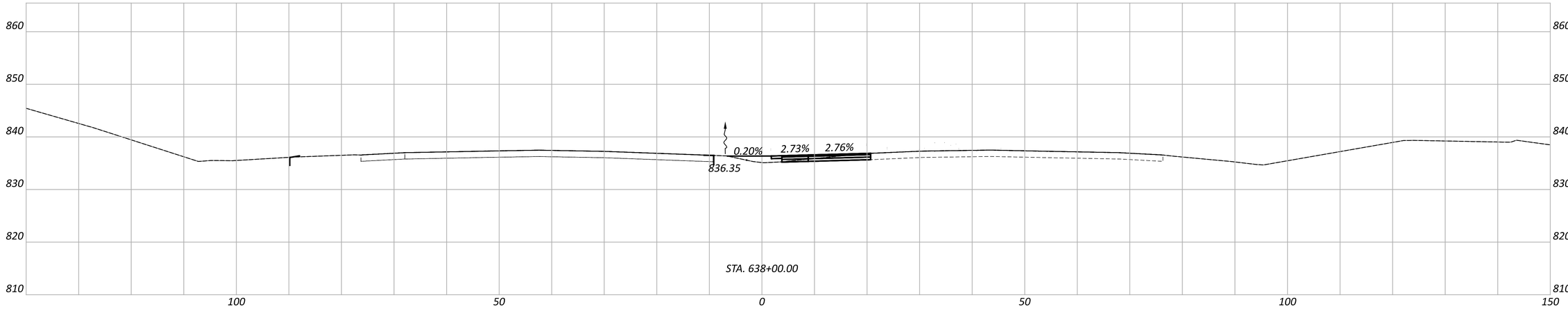

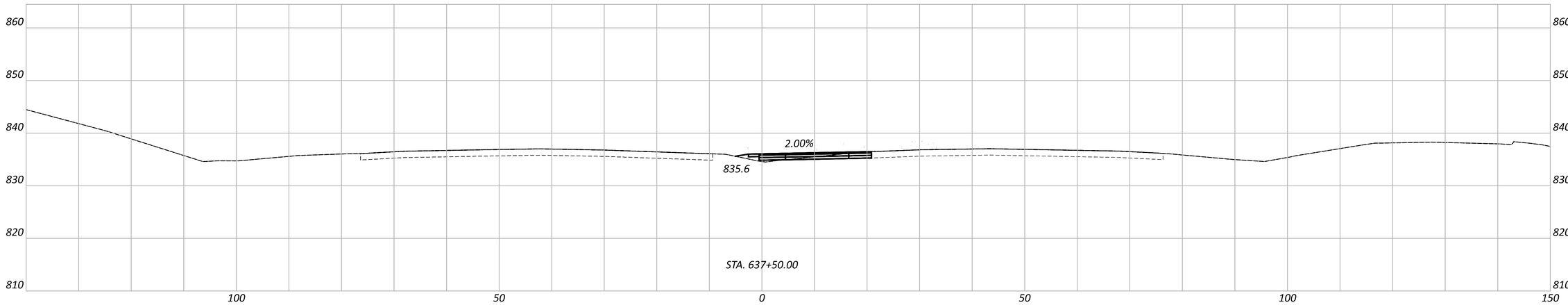

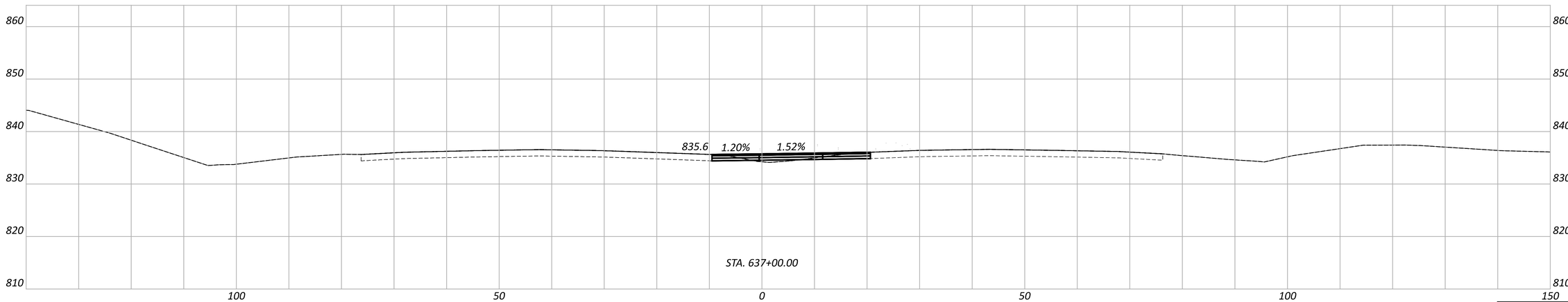

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0234	P.2024

FAI/LIC-IR 70-0.00/0.00

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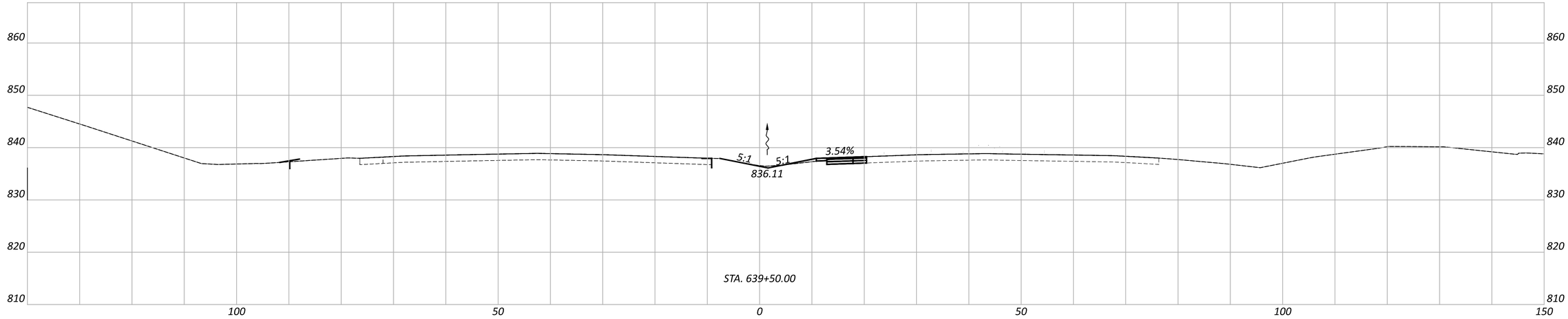

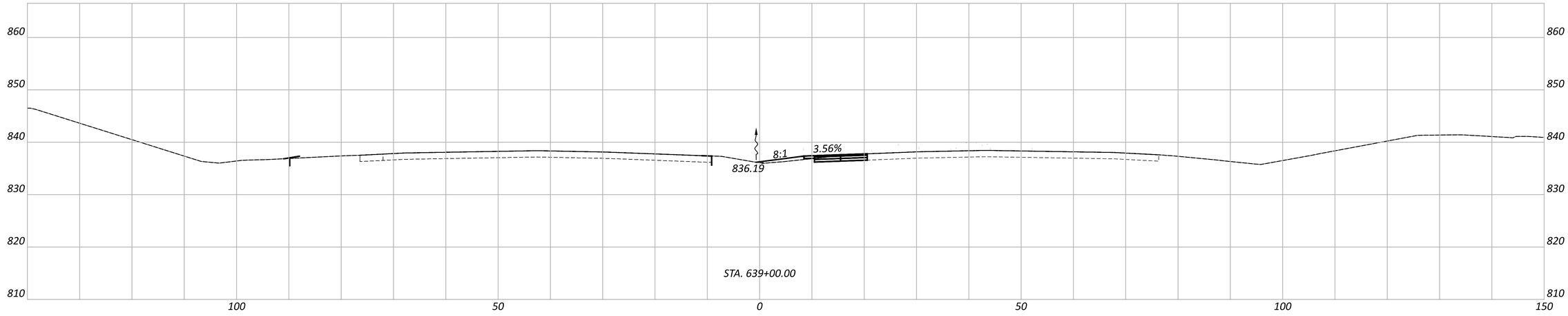

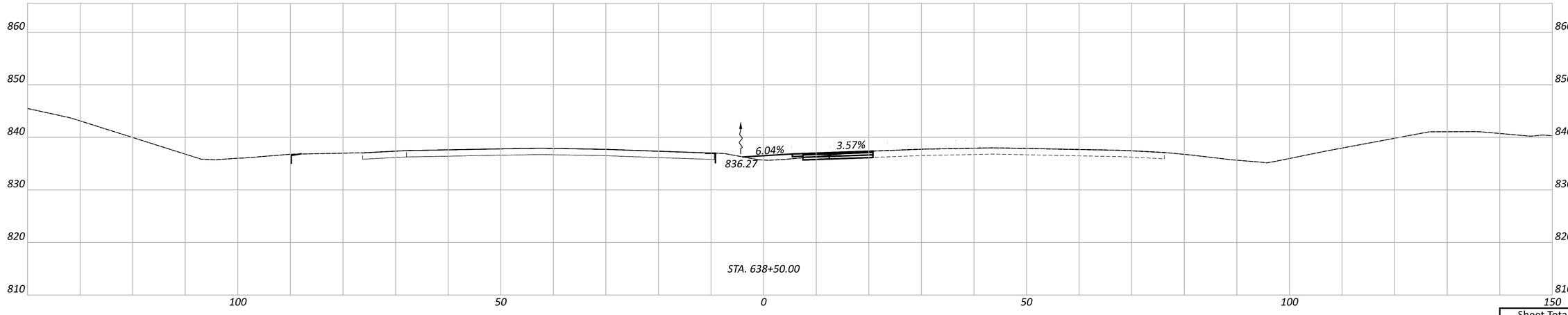

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0235 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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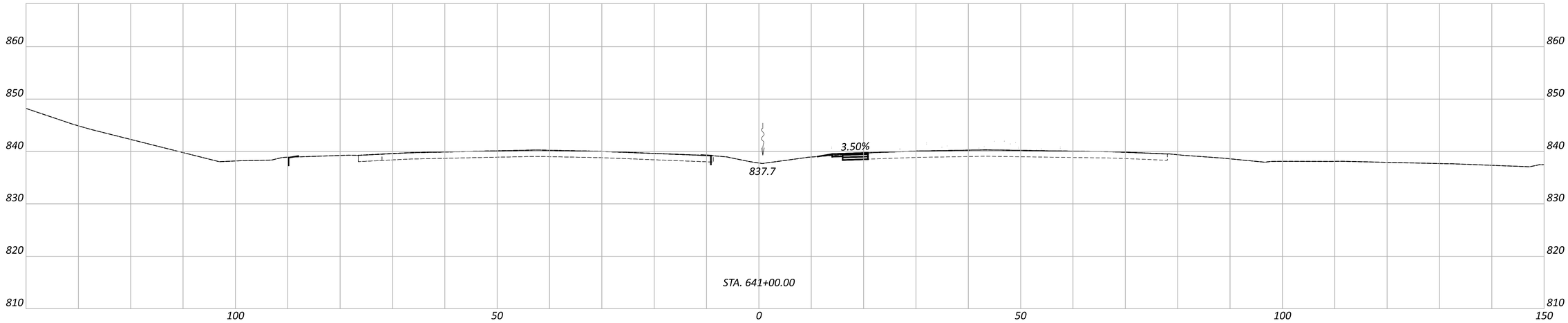

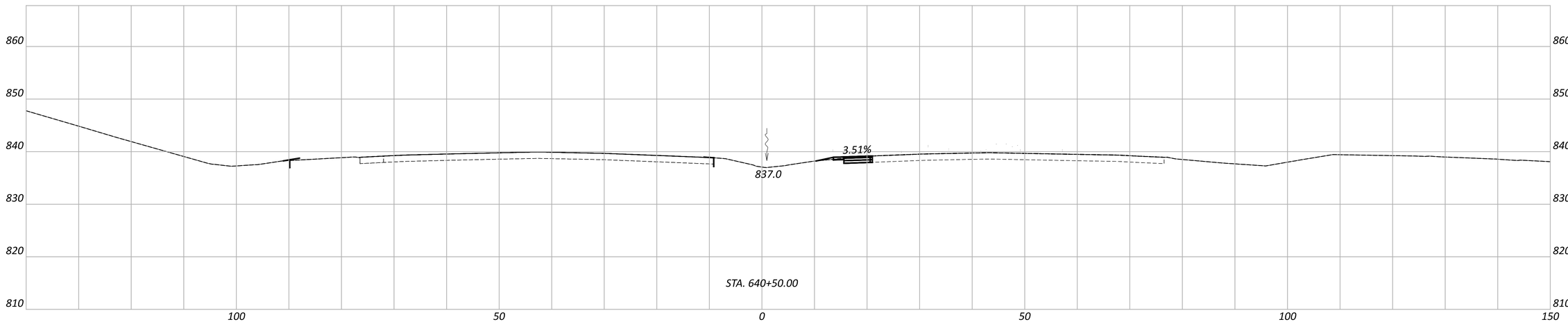

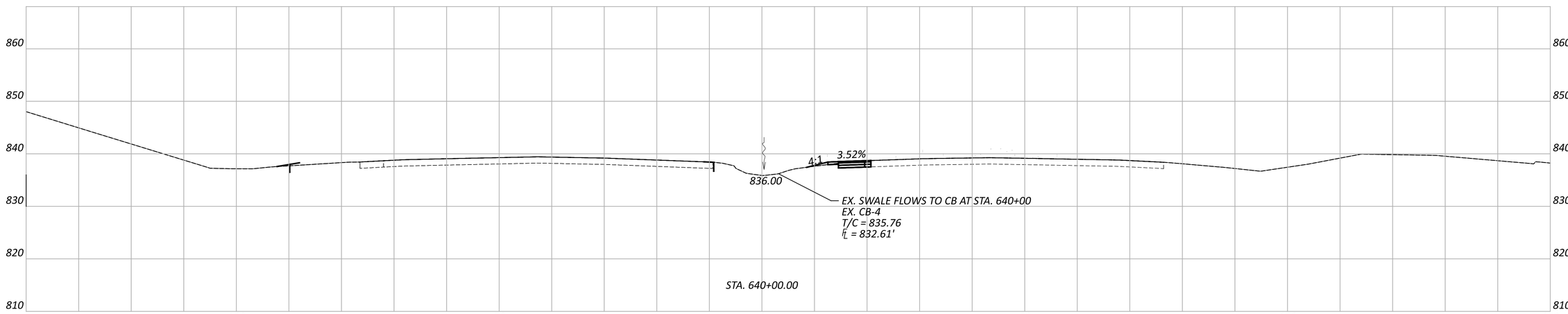

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - WESTERN CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS

REVIEWER DRJ 08/07/26

PROJECT ID 96808

SHEET P.0236 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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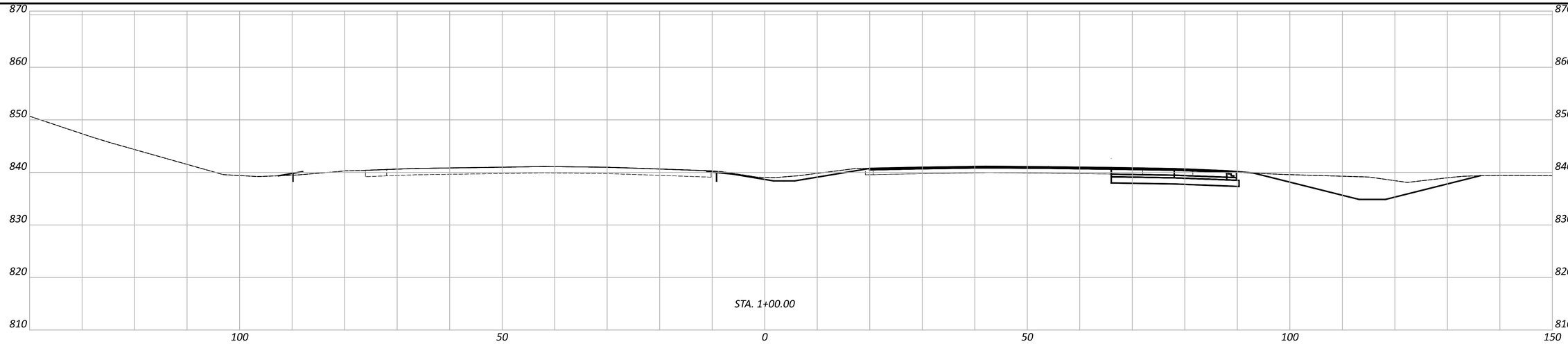

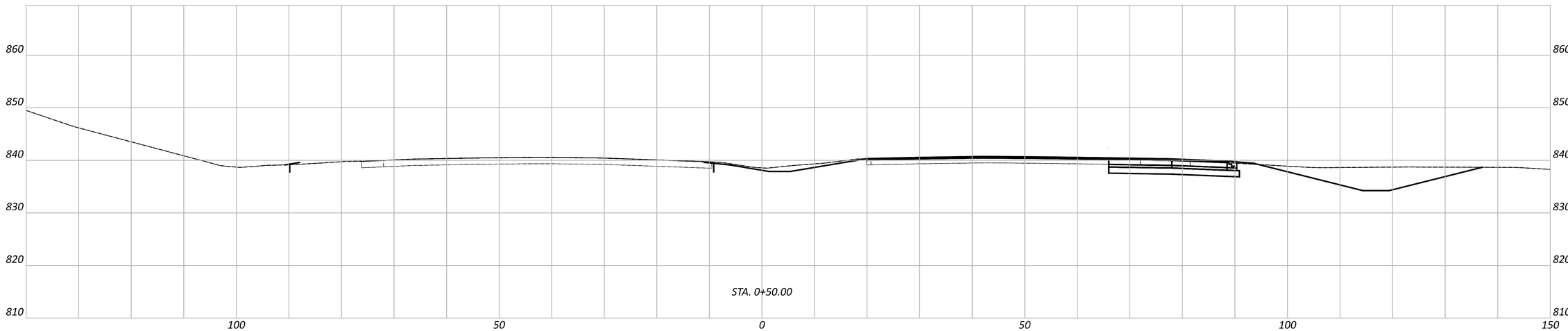

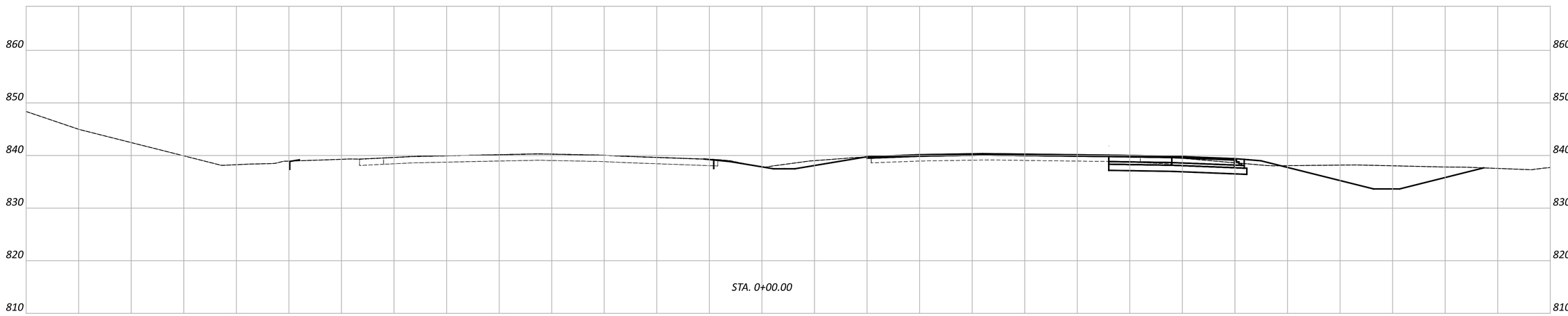

Sheet Totals		
Seeding	Cut	Fill

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL PHASE 4 - WESTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0237 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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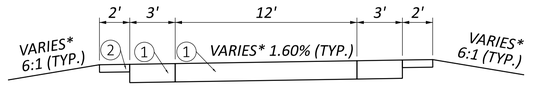
X-1 *CURVE DATA*
P.I. = STA. 91+45.33
Δ = 07°13'52" RT
Dc = 02°29'28"
R = 2,300.00'
T = 145.33'
L = 290.27'
E = 4.59'

LEGEND

1 *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*

2 *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



TYPICAL SECTION FOR WB TAYLOR RD CROSSOVER

X-2 *CURVE DATA*
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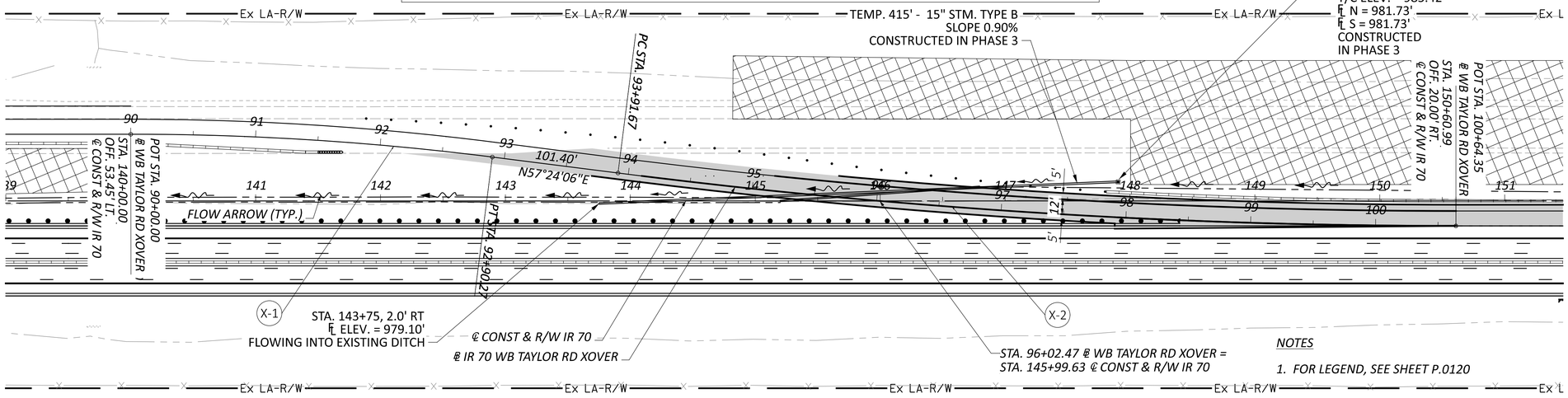
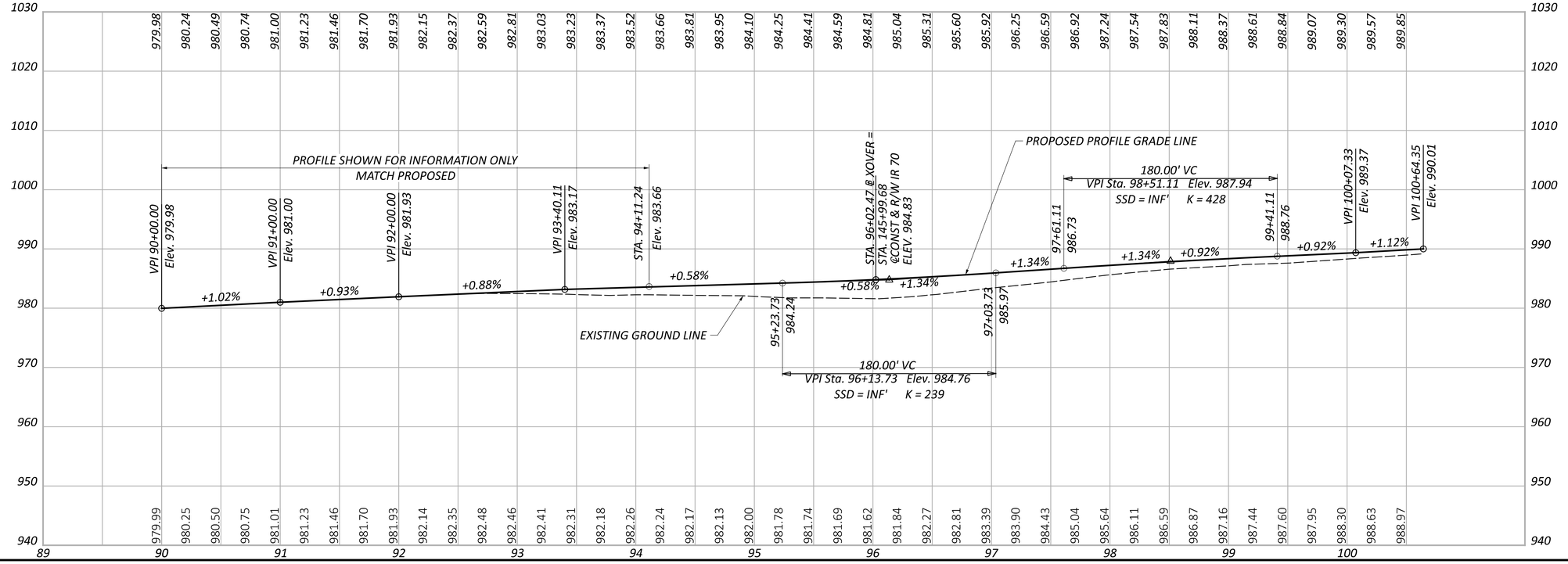
Dc = 01°04'30"
R = 5,330.00'
T = 336.78'
L = 672.67'
E = 10.63'



NOTES

1. *FOR LEGEND, SEE SHEET P.0120*



HORIZONTAL SCALE IN FEET
0 50 100 25

MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER	JAS
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0238
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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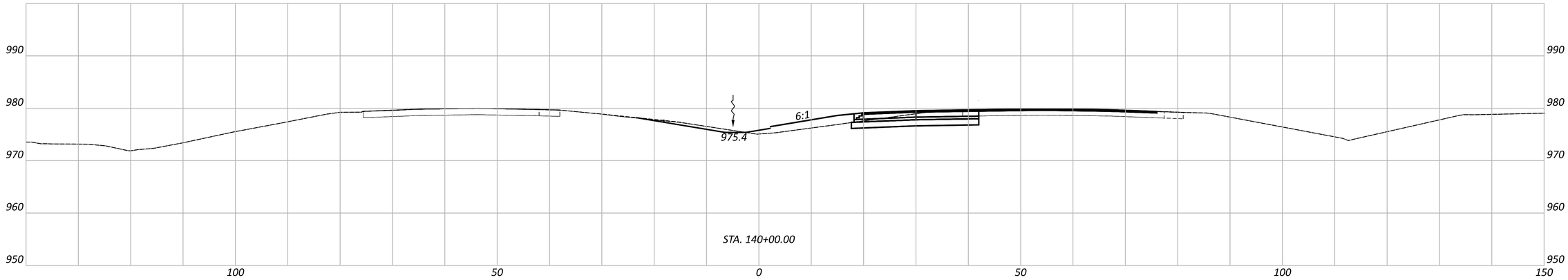

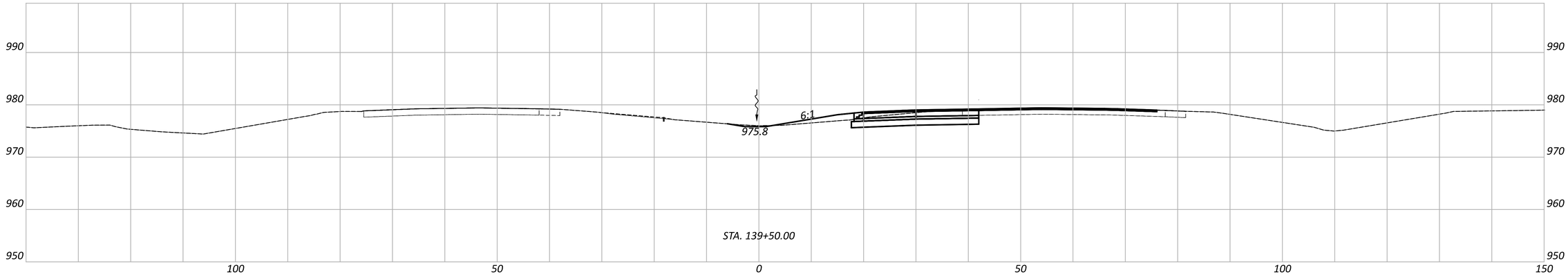

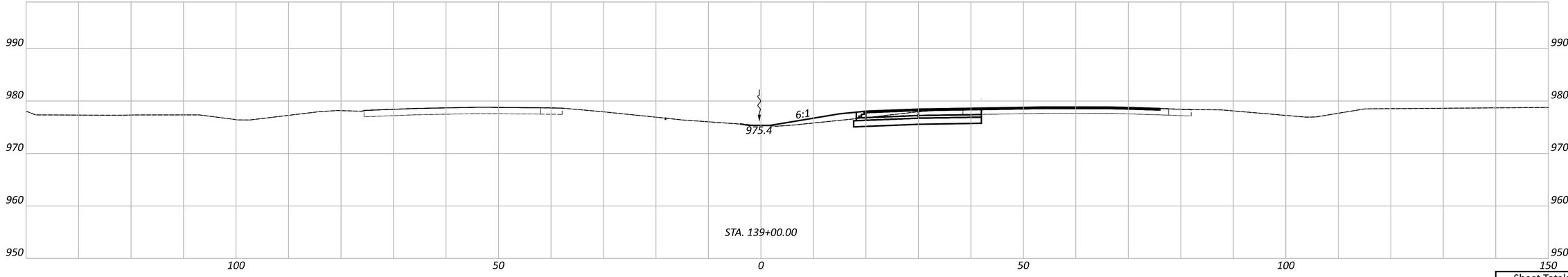

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

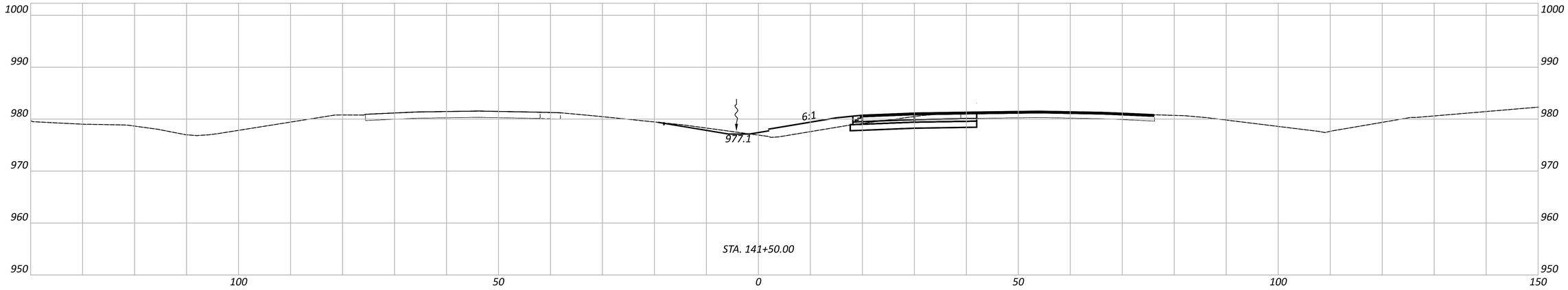
REVIEWER
DRJ 08/07/26

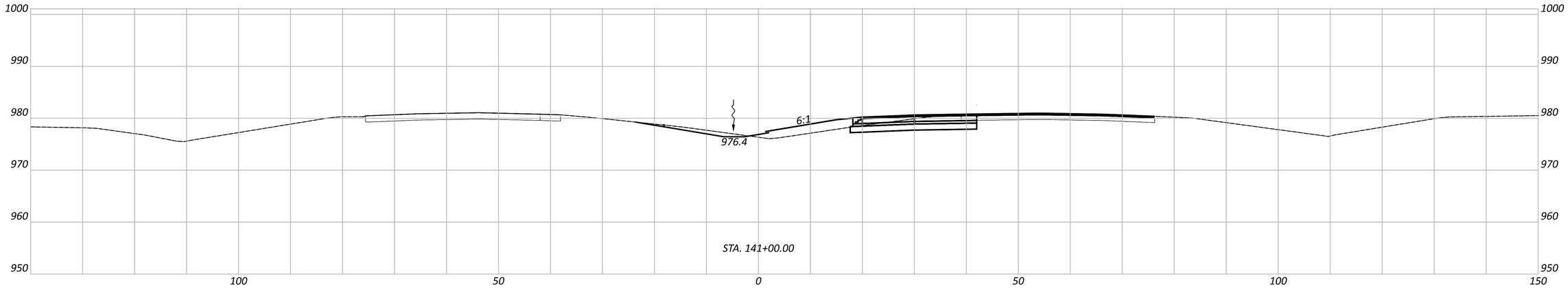
PROJECT ID
96808

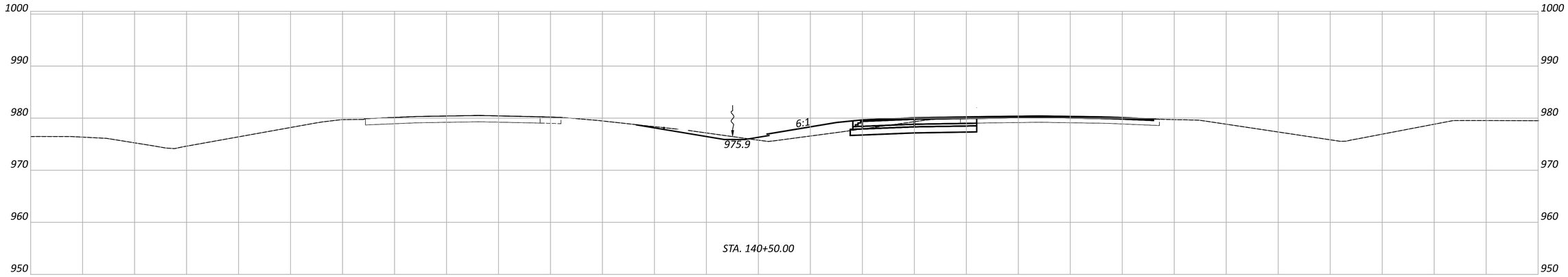
SHEET P.0239 TOTAL P.2024

Sheet Totals

Seeding	Cut	Fill







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

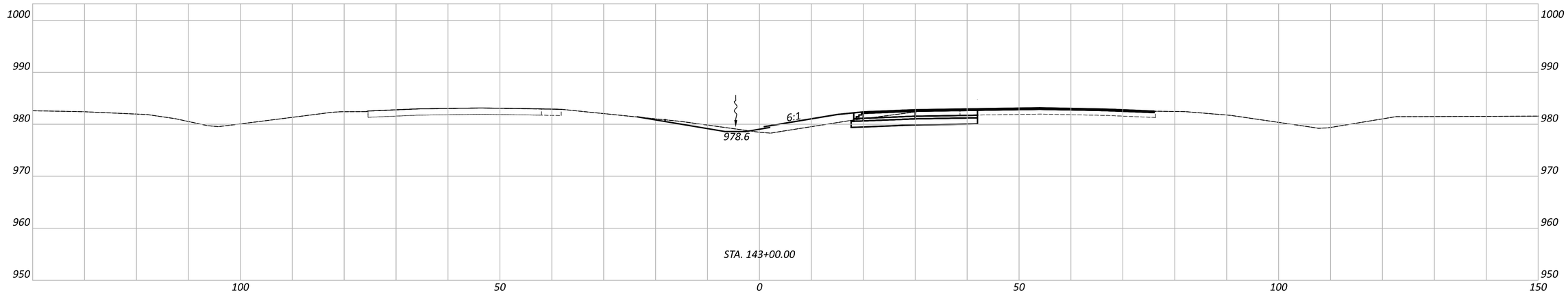
DESIGN AGENCY
GANNETT FLEMING

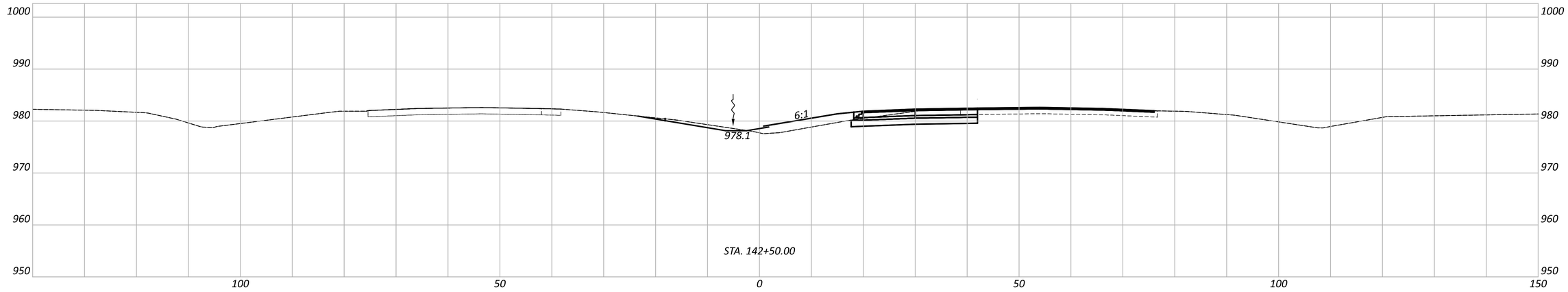
DESIGNER
JAS

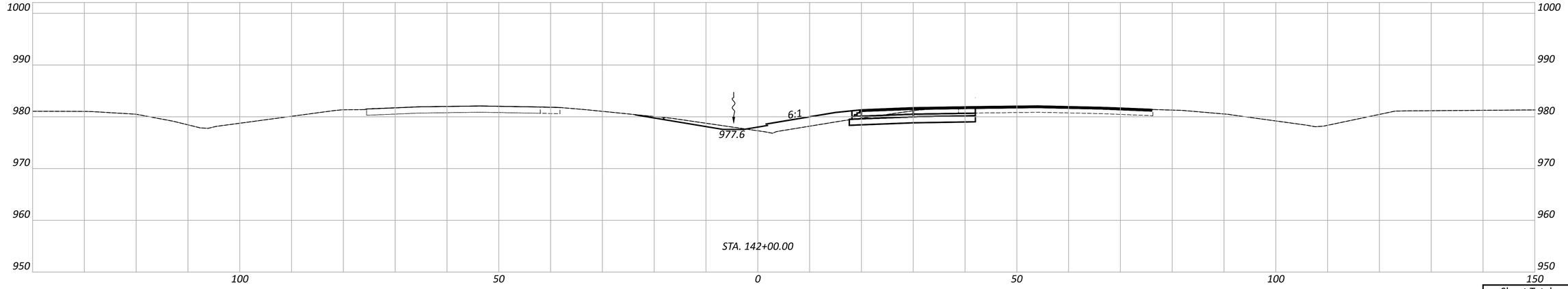
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0240 TOTAL P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

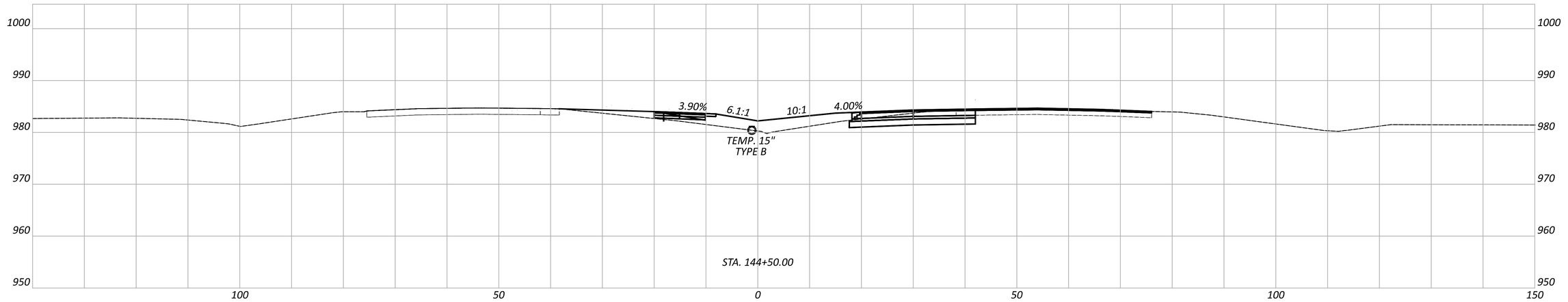
DESIGNER
JAS

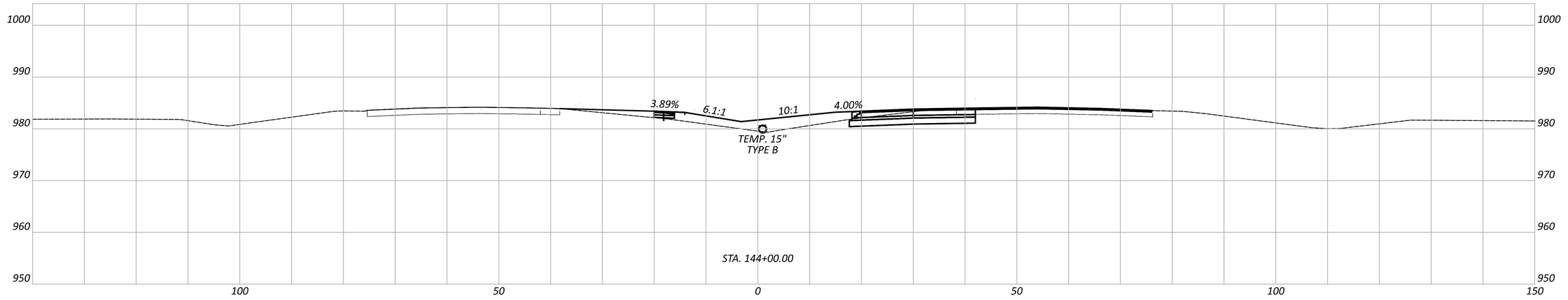
REVIEWER
DRJ 08/07/26

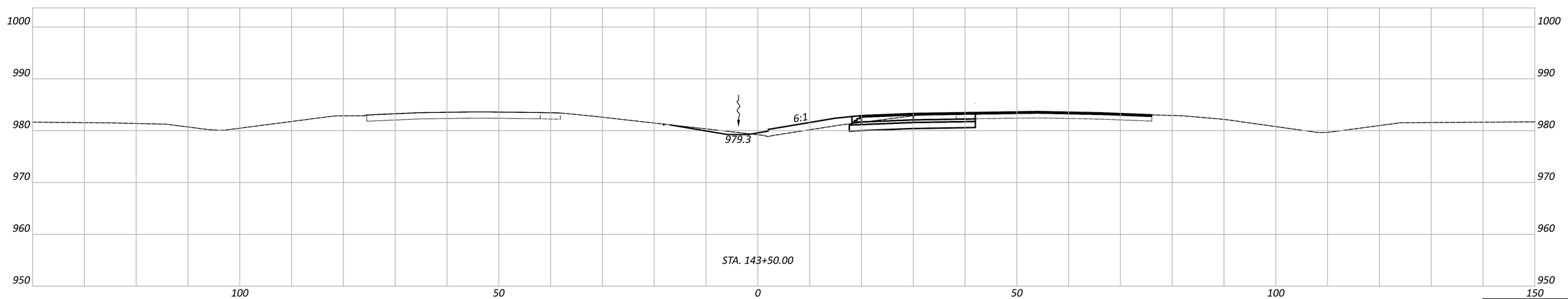
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0241	P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

Sheet Totals		
Seeding	Cut	Fill

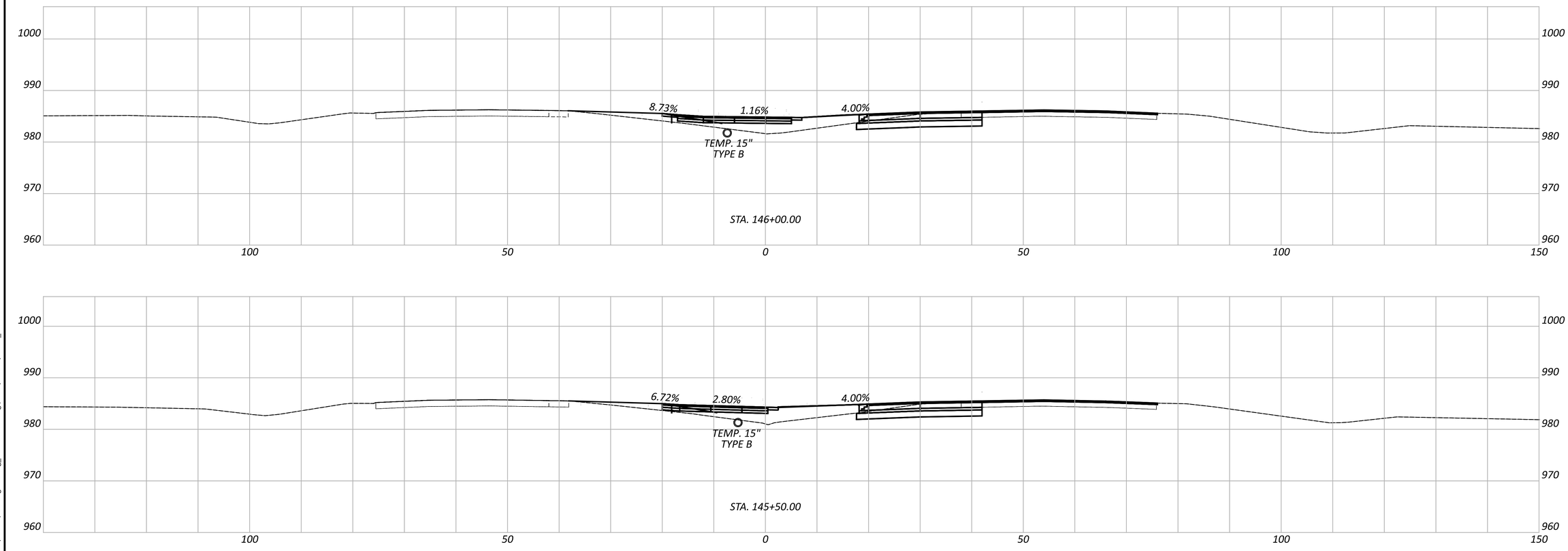
DESIGN AGENCY
GANNETT FLEMING

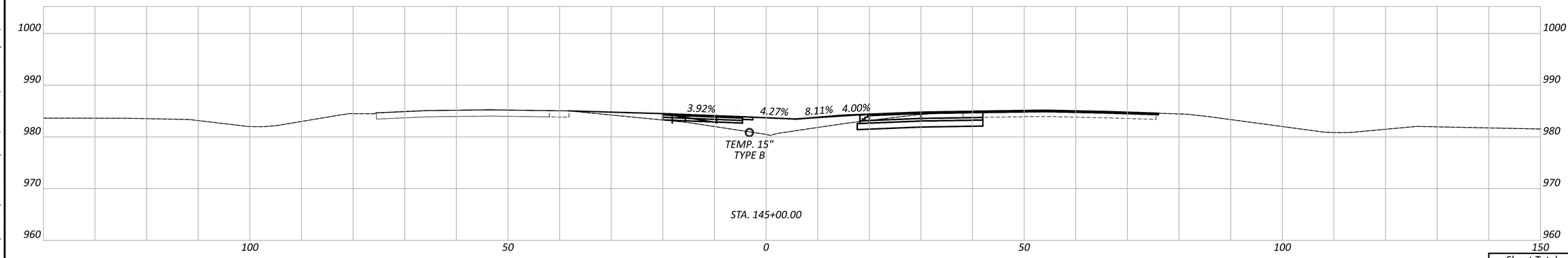
DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0242 TOTAL P.2024





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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

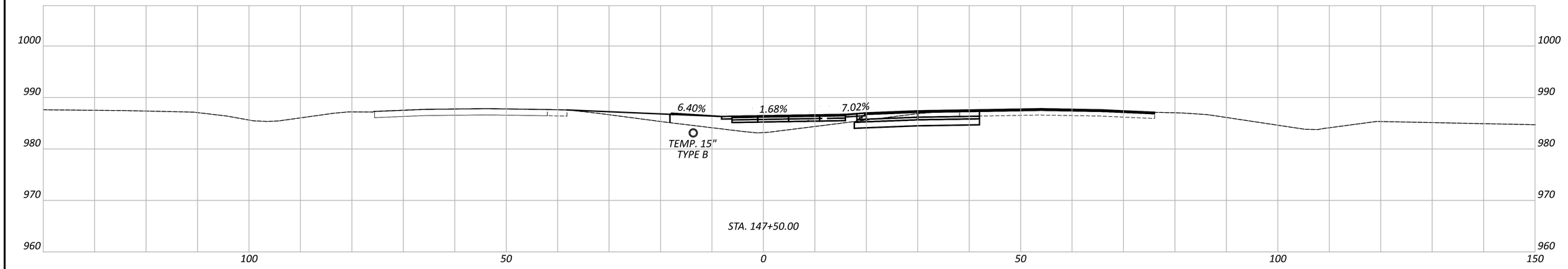
DESIGNER
JAS

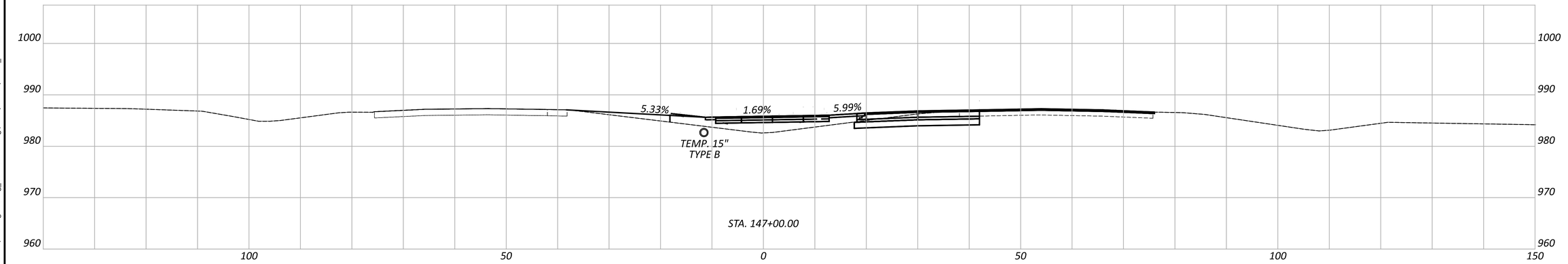
REVIEWER
DRJ 08/07/26

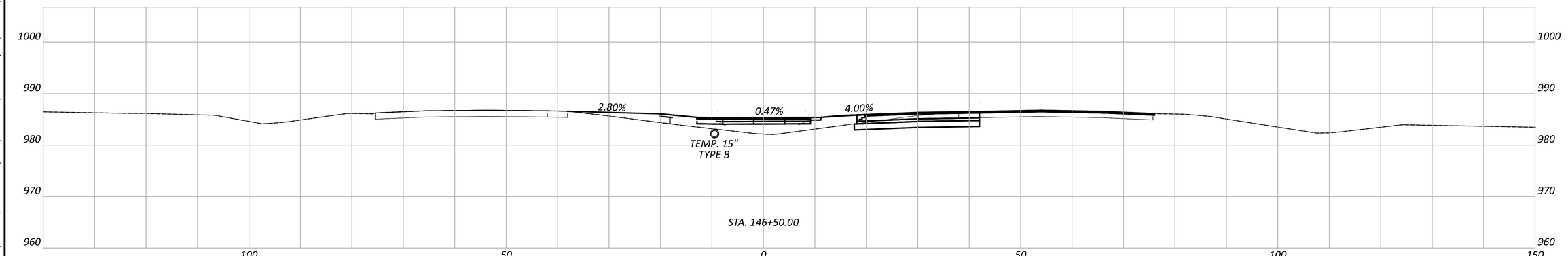
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0243	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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Sheet Totals		
Seeding	Cut	Fill

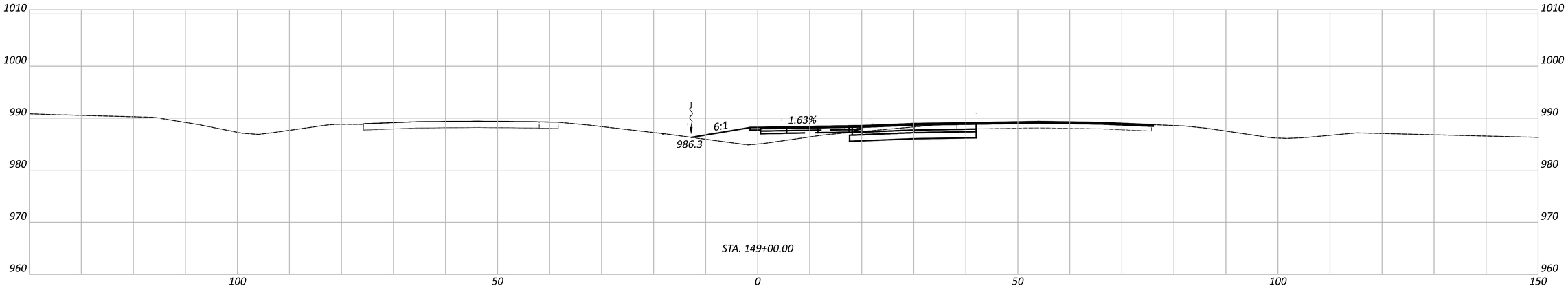
DESIGN AGENCY
GANNETT FLEMING

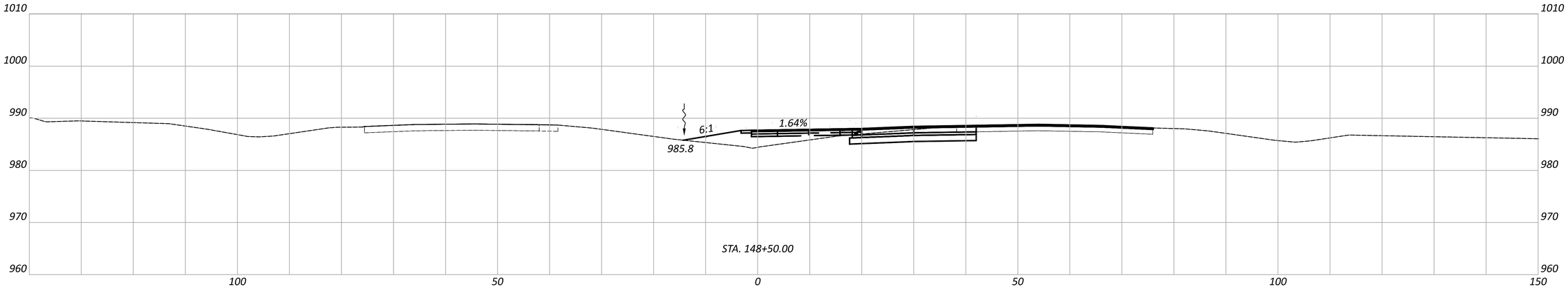
DESIGNER
JAS

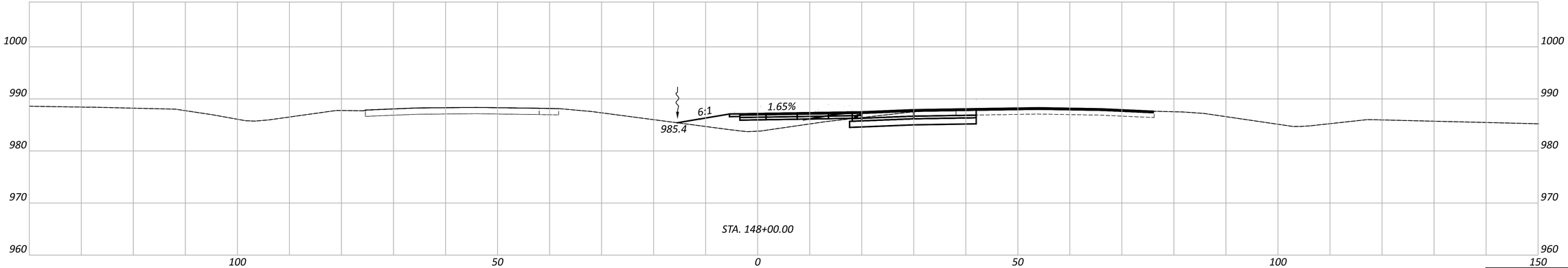
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0244 TOTAL P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

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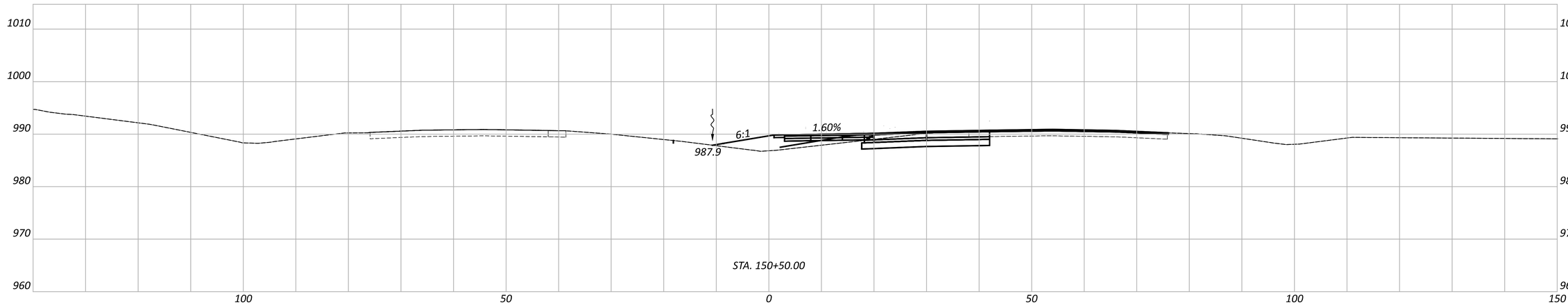
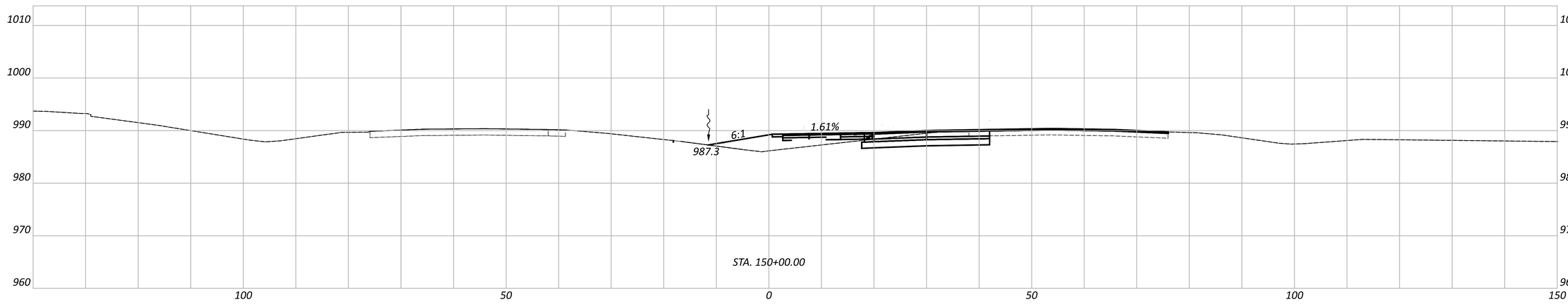
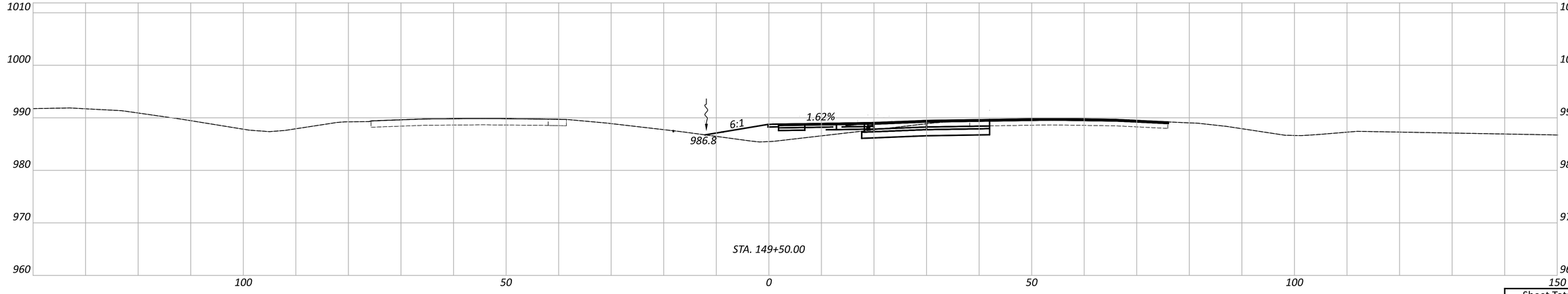
SHEET	TOTAL
P.0245	P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

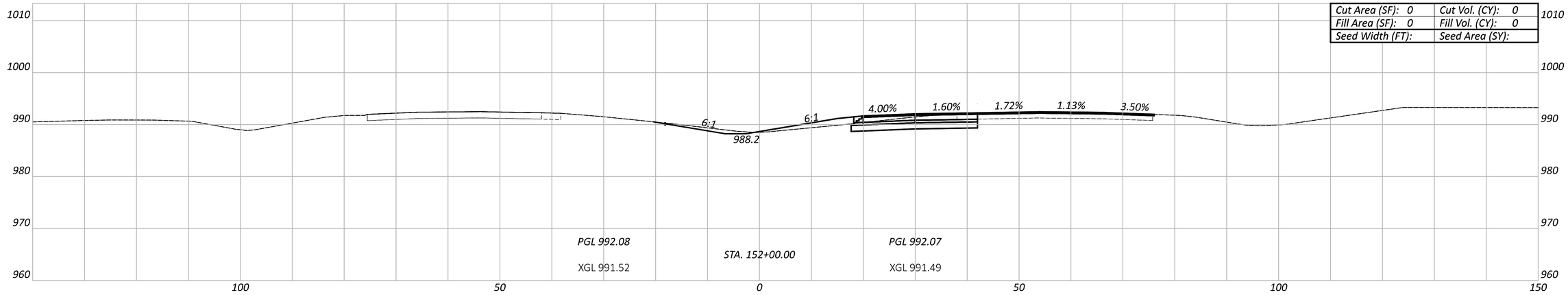
DESIGNER
JAS

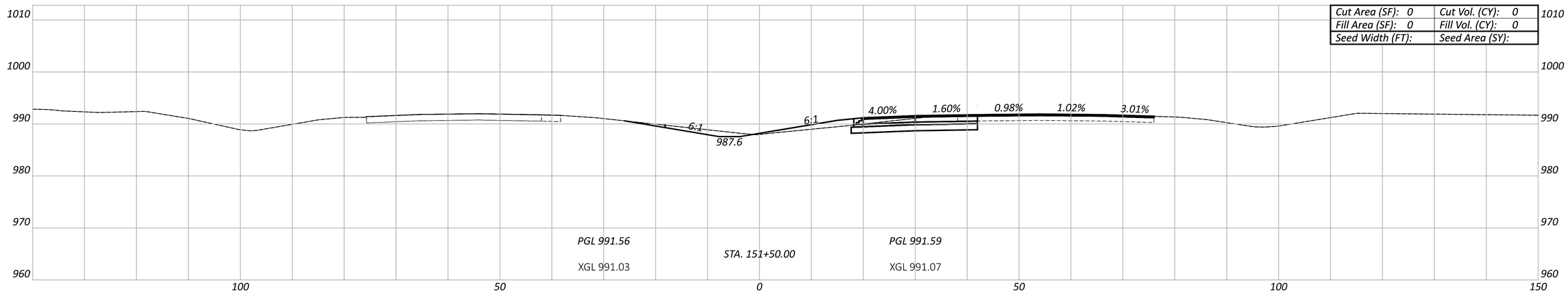
REVIEWER
DRJ 08/07/26

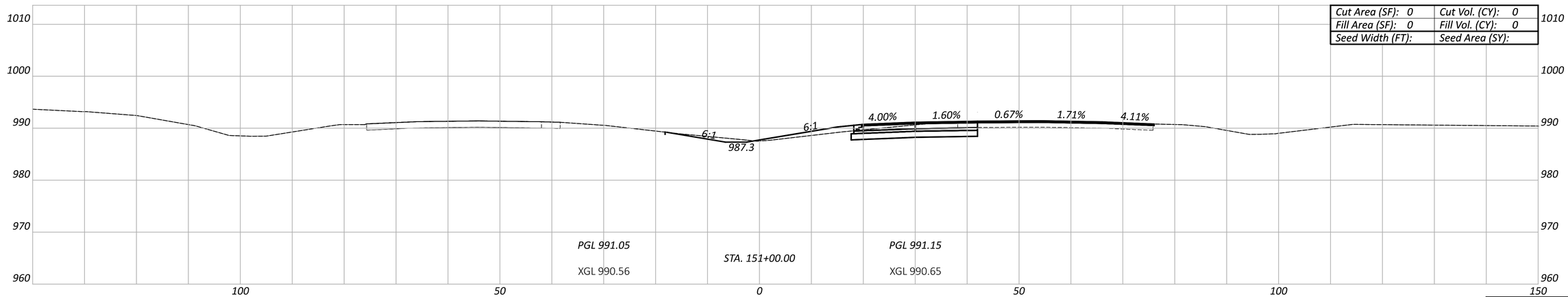
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0246	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - TAYLOR ROAD CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

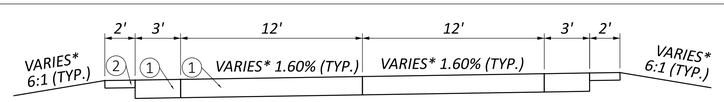
SHEET P.0247 TOTAL P.2024

X-1 *CURVE DATA*
P.I. = STA. 82+91.10
Δ = 08°38'52" LT
Dc = 01°29'18"
R = 3,850.00'
T = 291.10'
L = 581.09'
E = 10.99'

LEGEND

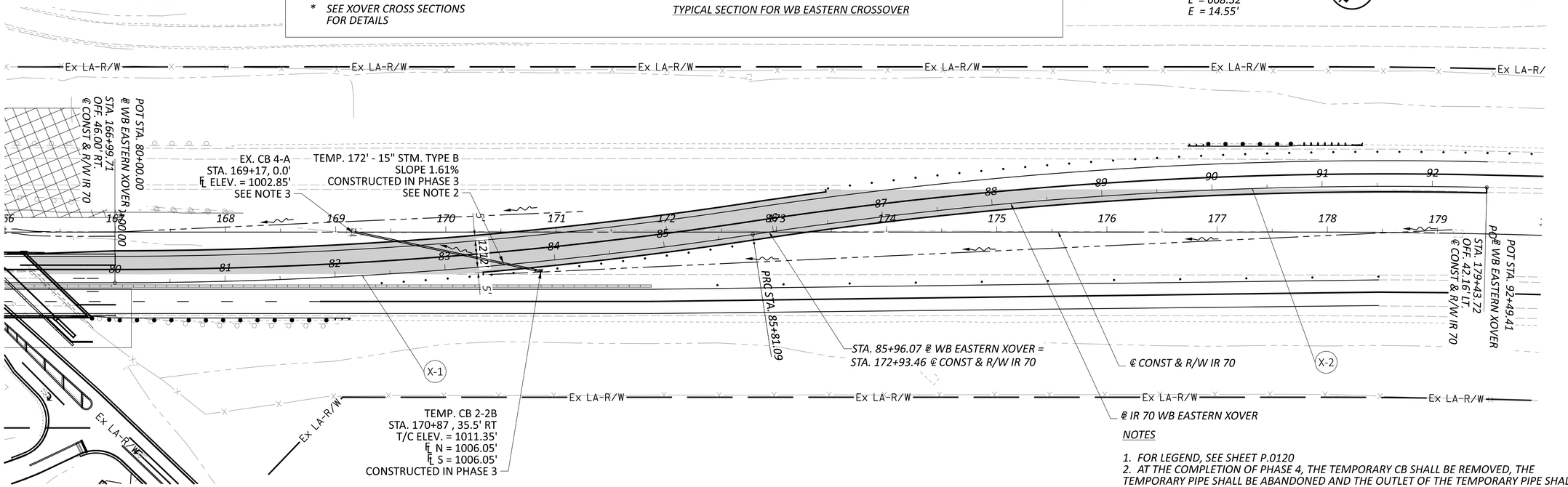
1. *ITEM 615 - 14.5" PAVEMENT FOR MAINTAING OF TRAFFIC, CLASS A*
2. *ITEM 304 - 6" AGGREGATE BASE*

* *SEE XOVER CROSS SECTIONS FOR DETAILS*



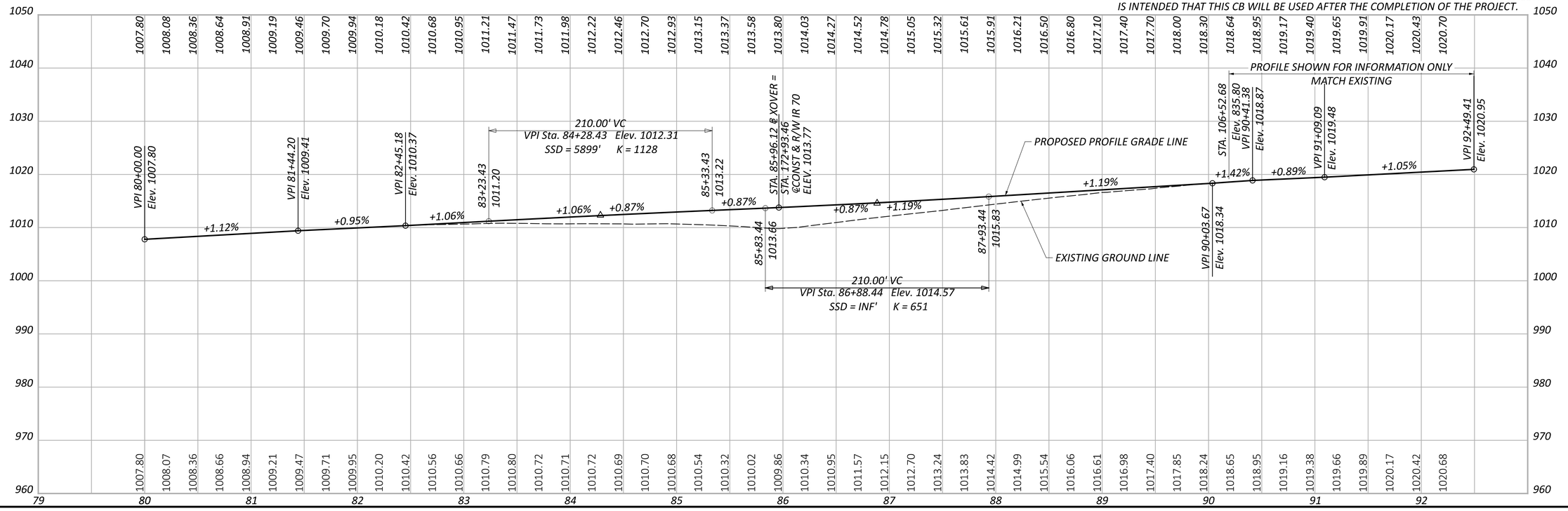
TYPICAL SECTION FOR WB EASTERN CROSSOVER

X-2 *CURVE DATA*
P.I. = STA. 89+16.09
Δ = 09°56'46" RT
Dc = 01°29'18"
R = 3,850.00'
T = 335'
L = 668.32'
E = 14.55'



NOTES

1. *FOR LEGEND, SEE SHEET P.0120*
2. *AT THE COMPLETION OF PHASE 4, THE TEMPORARY CB SHALL BE REMOVED, THE TEMPORARY PIPE SHALL BE ABANDONED AND THE OUTLET OF THE TEMPORARY PIPE SHALL BE PLUGGED IN THE EXISTING CB.*
3. *DURING THE CONSTRUCTION AND REMOVAL OF TEMPORARY PAVEMENT, THE CONTRACTOR SHALL NOT DISTURB THE EXISTING CB 4-A THAT IS SHOWN ON THIS SHEET. IT IS INTENDED THAT THIS CB WILL BE USED AFTER THE COMPLETION OF THE PROJECT.*



HORIZONTAL SCALE IN FEET
0 50 100 25

MAINTENANCE OF TRAFFIC - CROSSOVER DETAILS PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER JAS
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0248 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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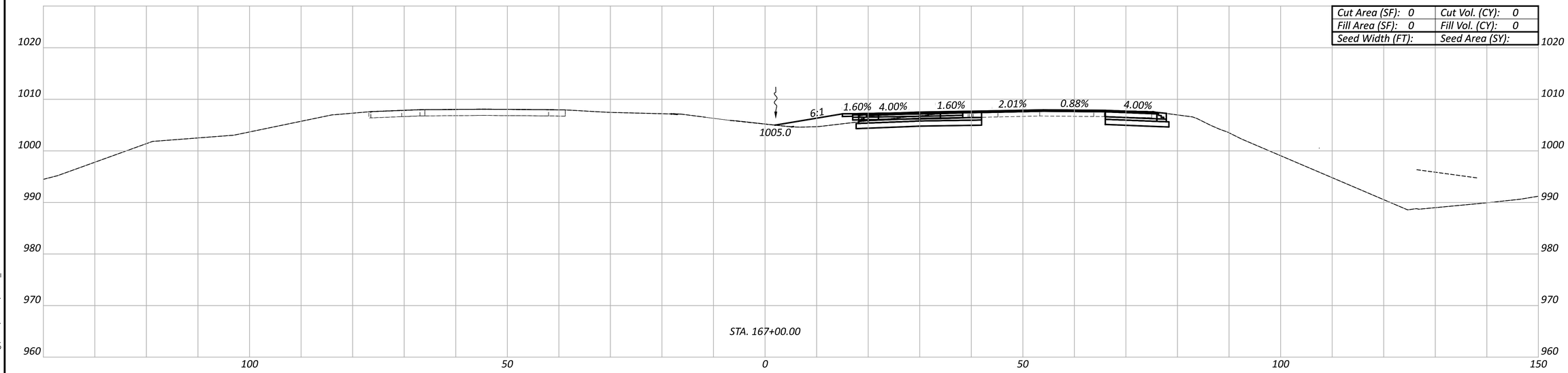

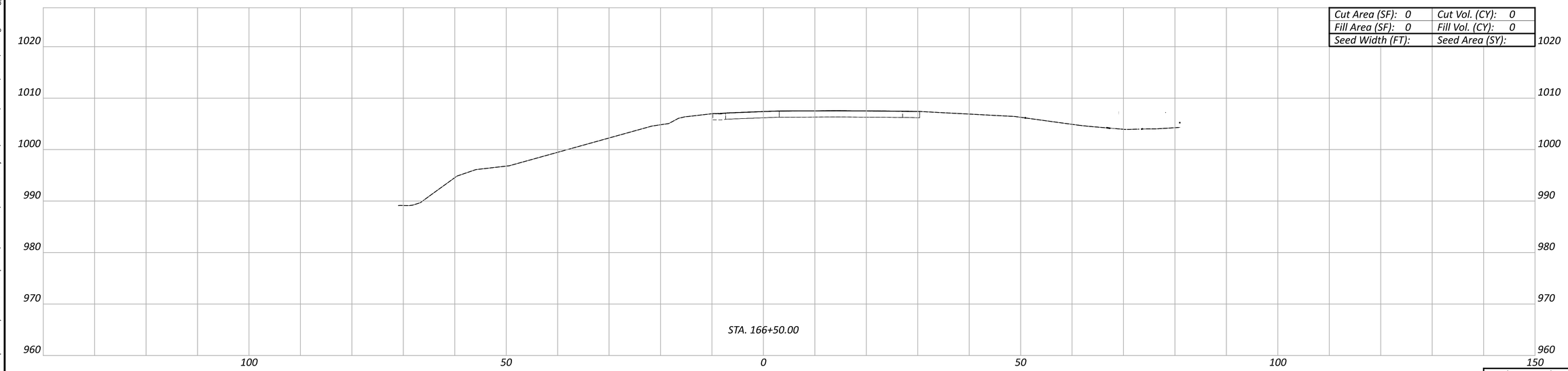

Sheet Totals

Seeding	Cut	Fill

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.0249	P.2024

FAI/LIC-IR 70-0.00/0.00

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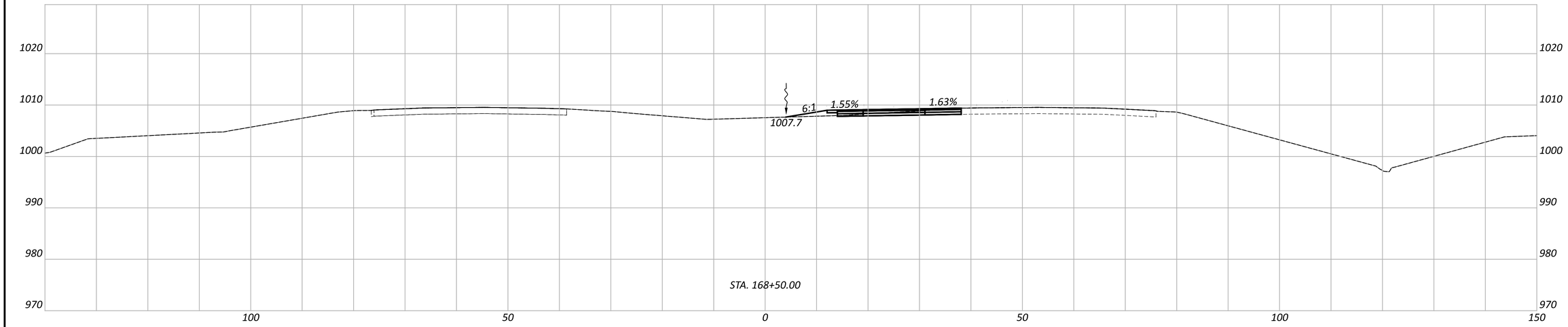

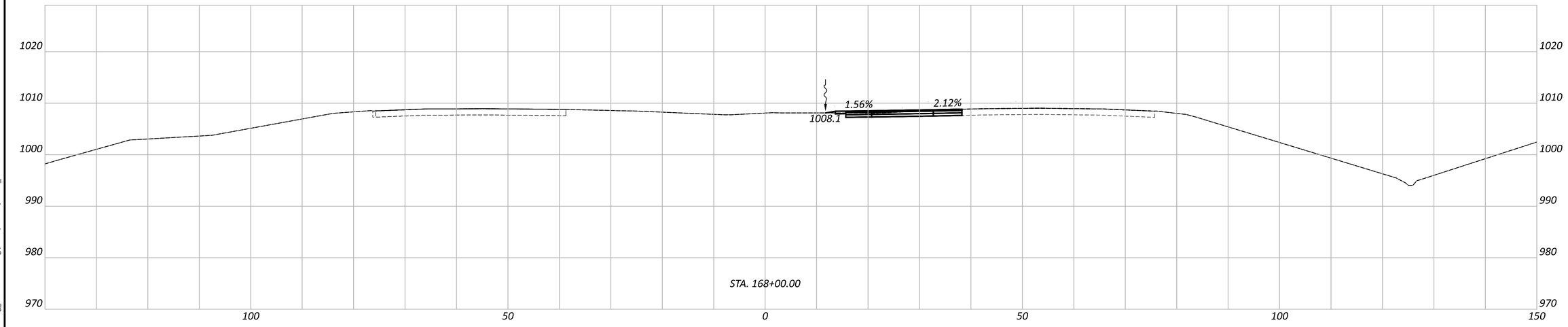

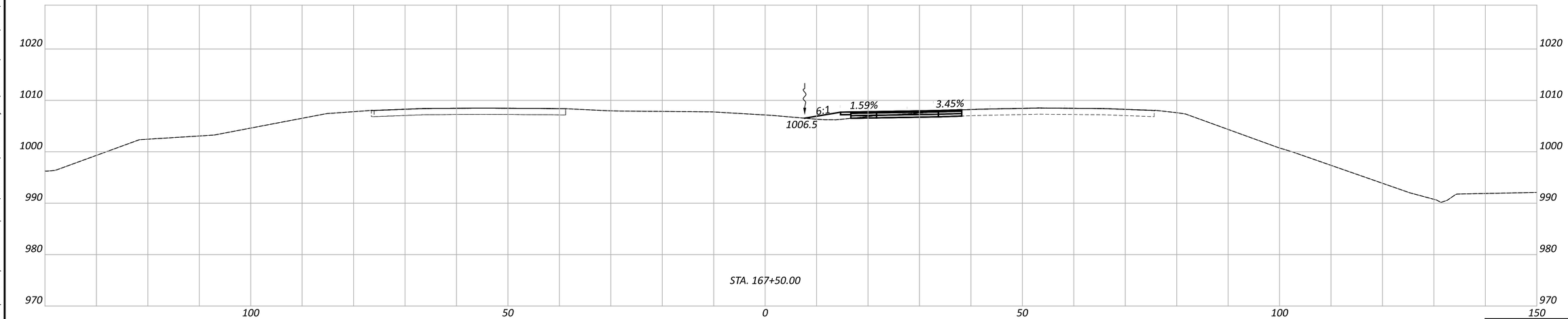

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET P.0250 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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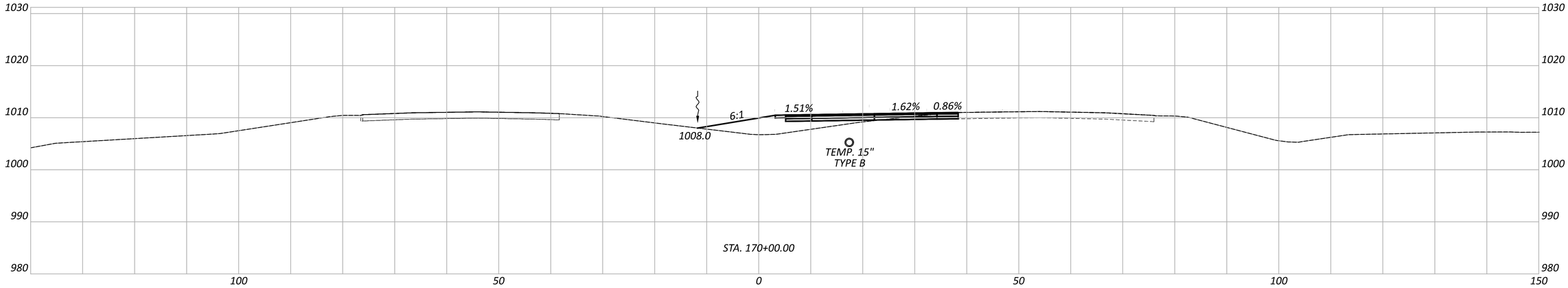

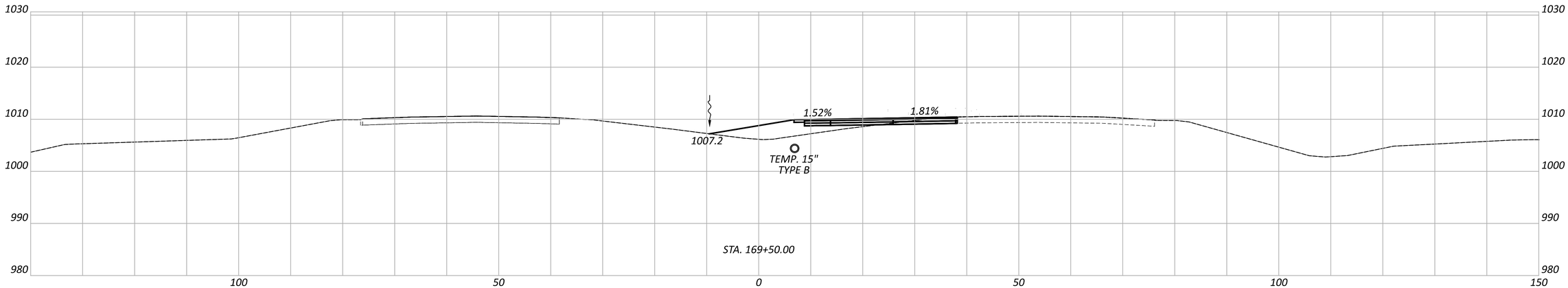

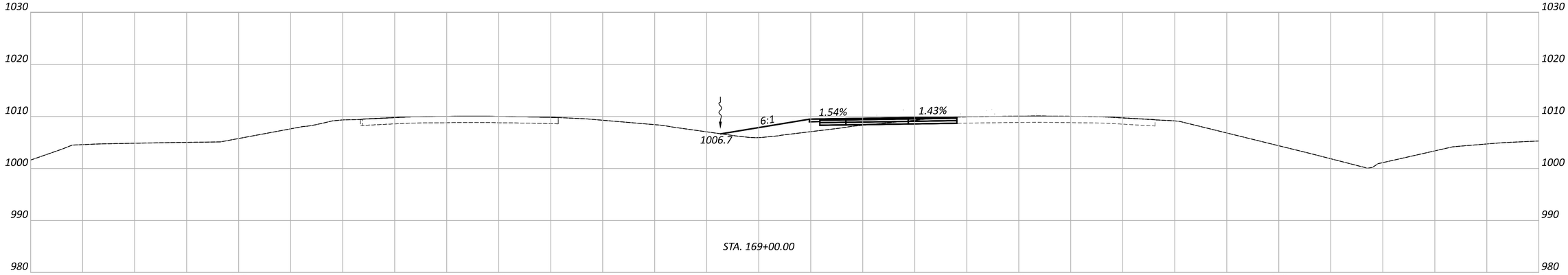

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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL PHASE 4 - EASTERN CROSSOVER PLANS

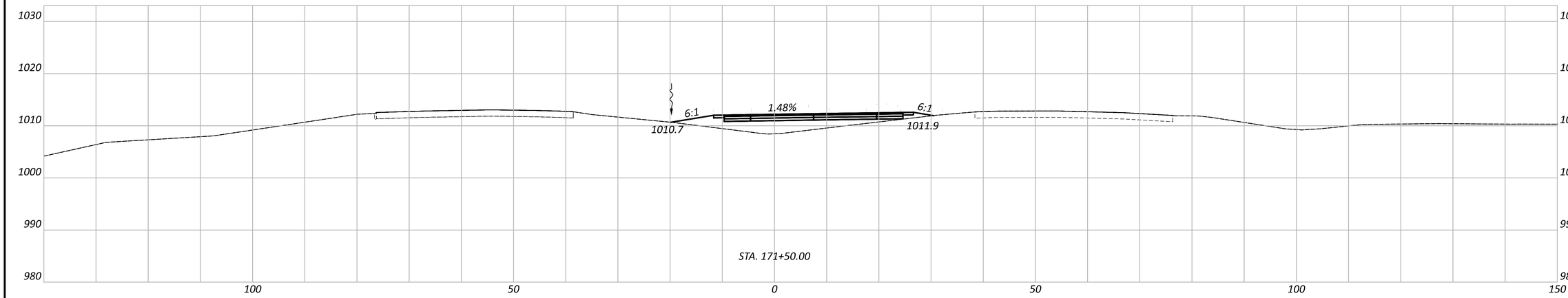
DESIGN AGENCY
GANNETT FLEMING

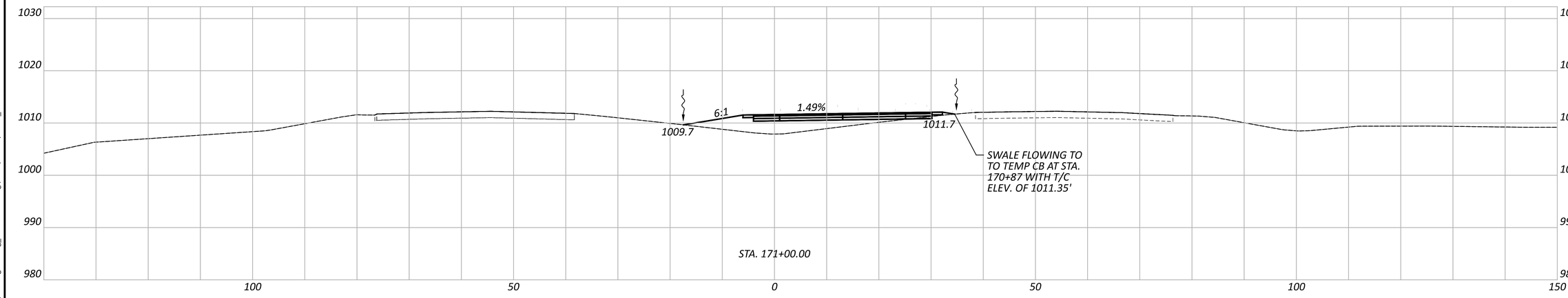
DESIGNER
JAS

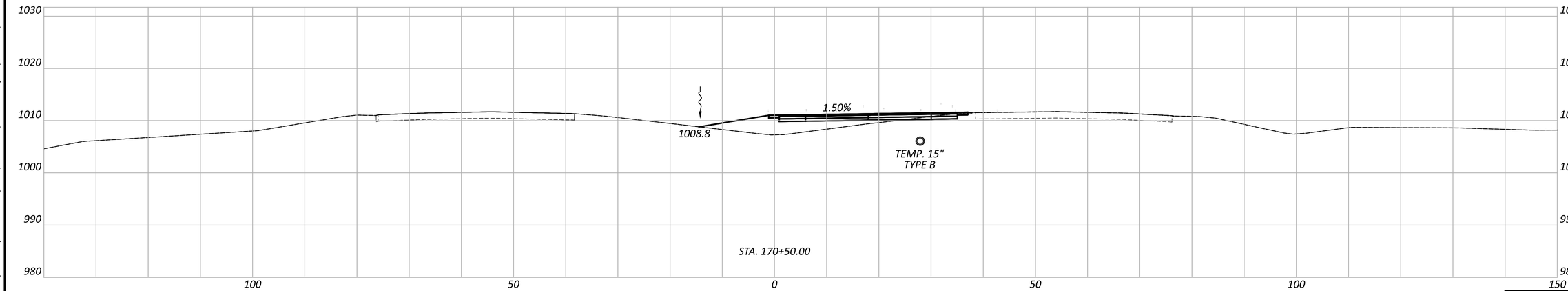
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0251 TOTAL P.2024







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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

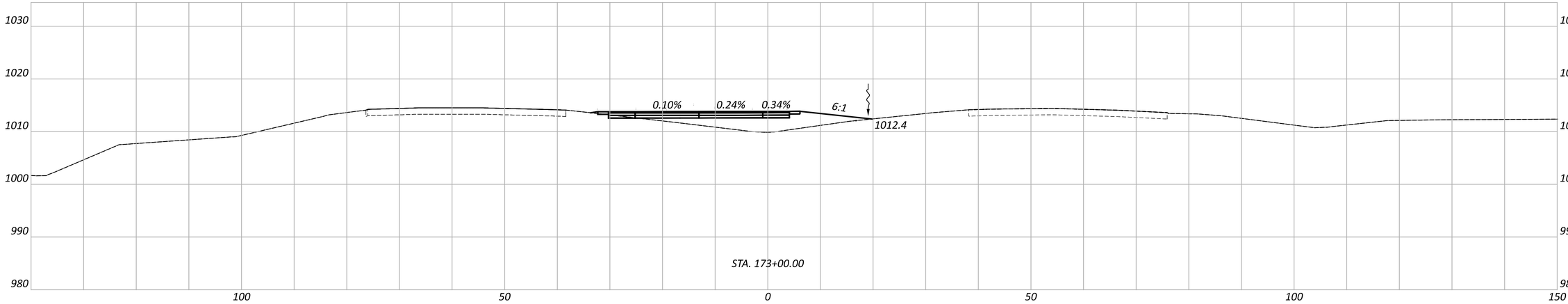
DESIGNER
JAS

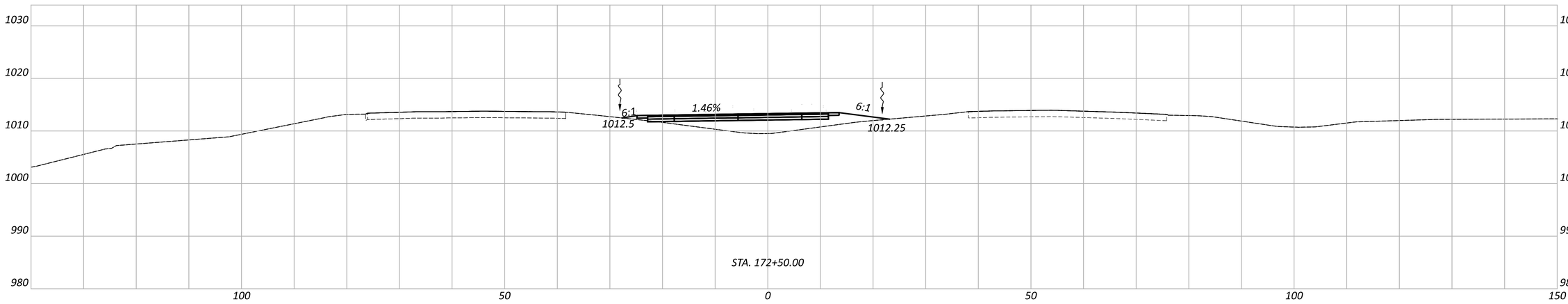
REVIEWER
DRJ 08/07/26

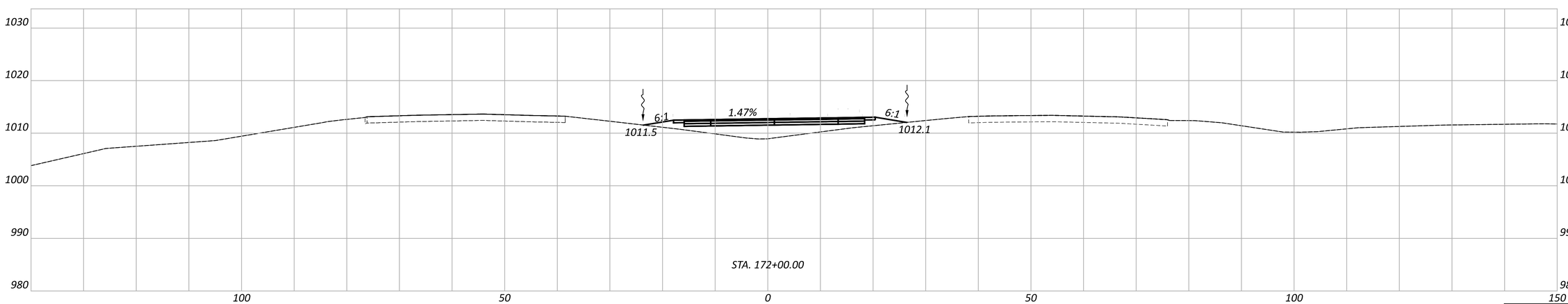
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0252	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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Sheet Totals		
Seeding	Cut	Fill

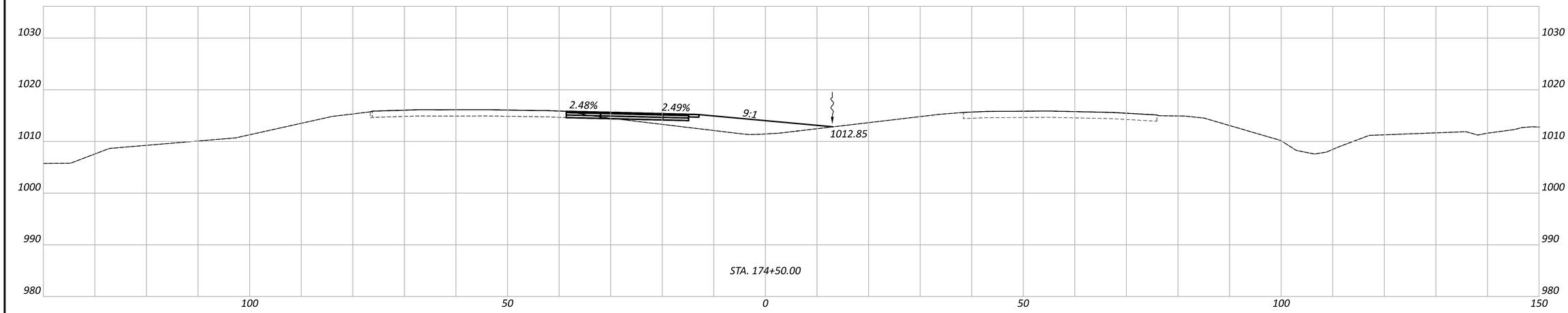
DESIGN AGENCY
GANNETT FLEMING

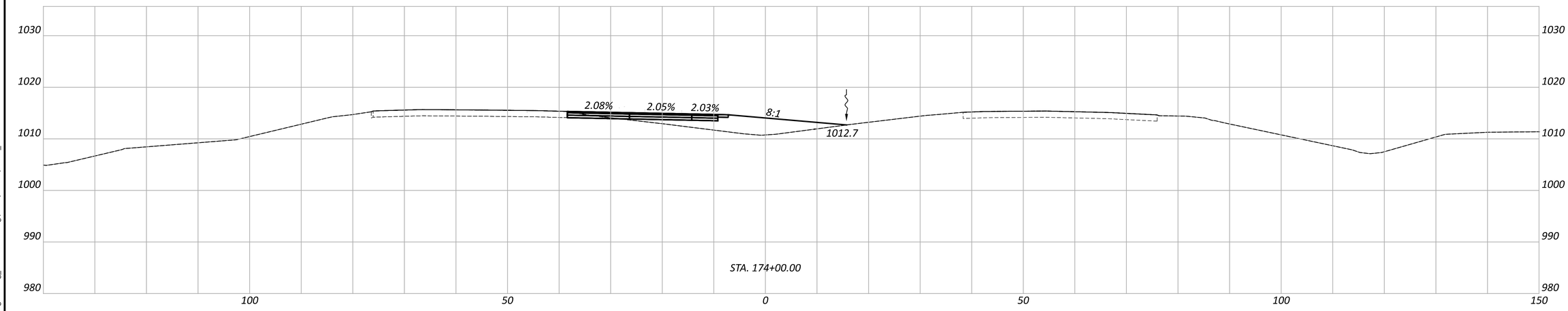
DESIGNER
JAS

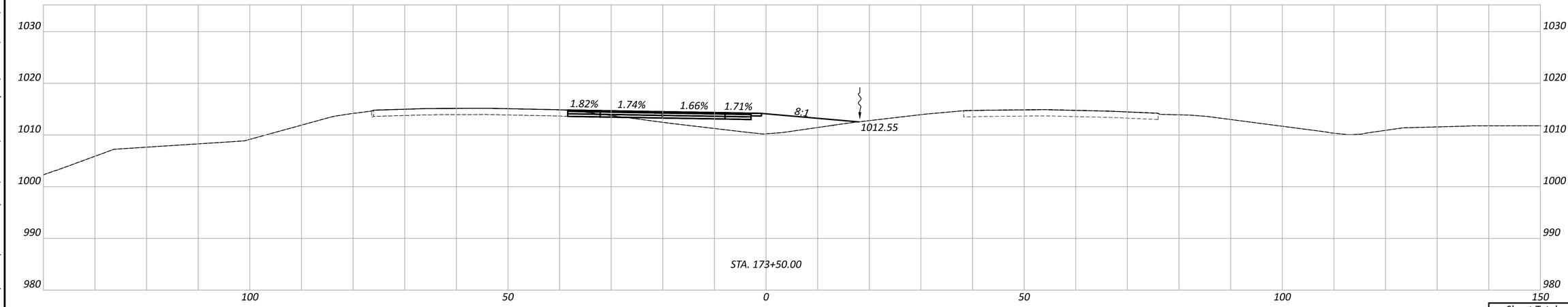
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0253 TOTAL P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

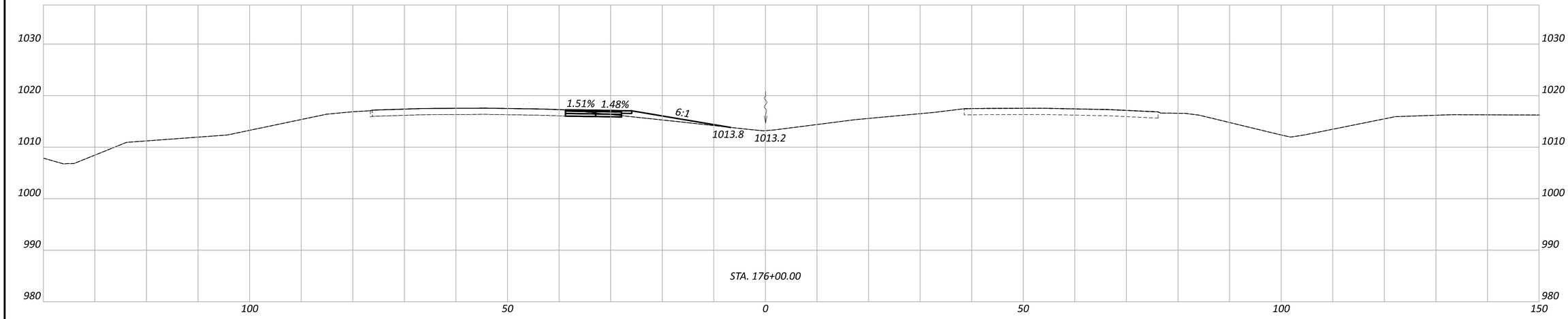
DESIGNER
JAS

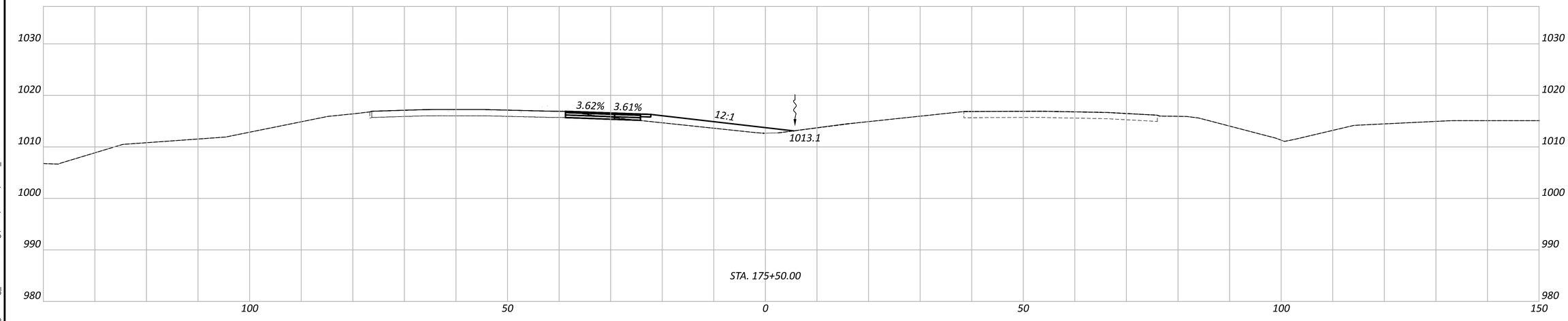
REVIEWER
DRJ 08/07/26

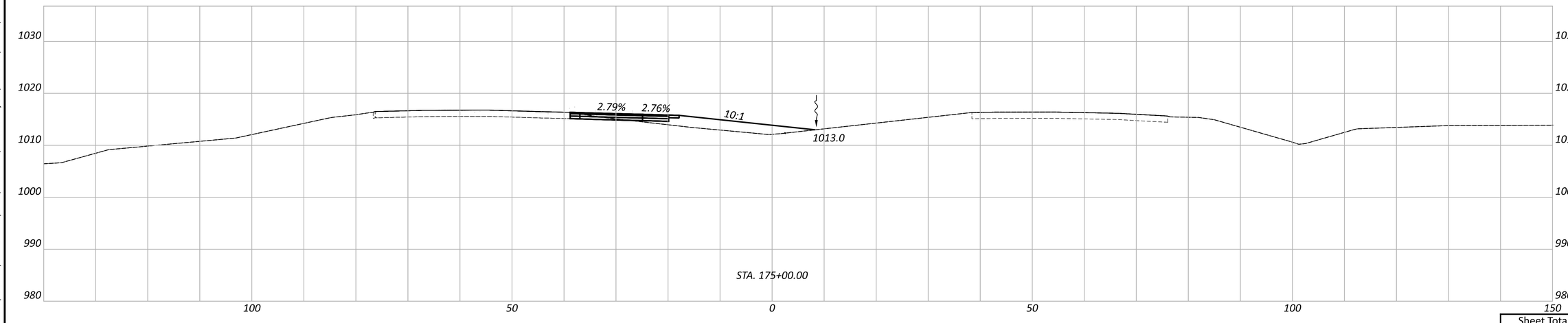
PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0254	P.2024







MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0255	P.2024

FAI/LIC-IR 70-0.00/0.00

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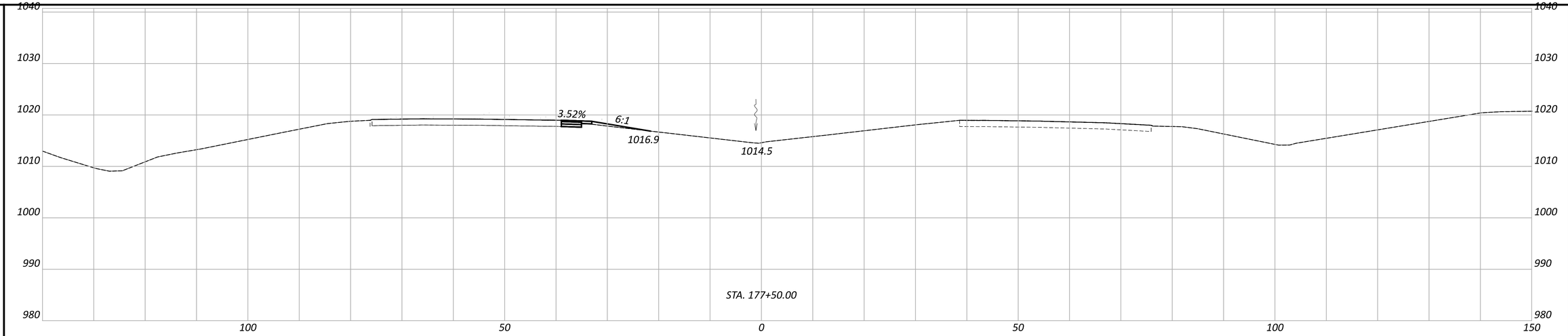

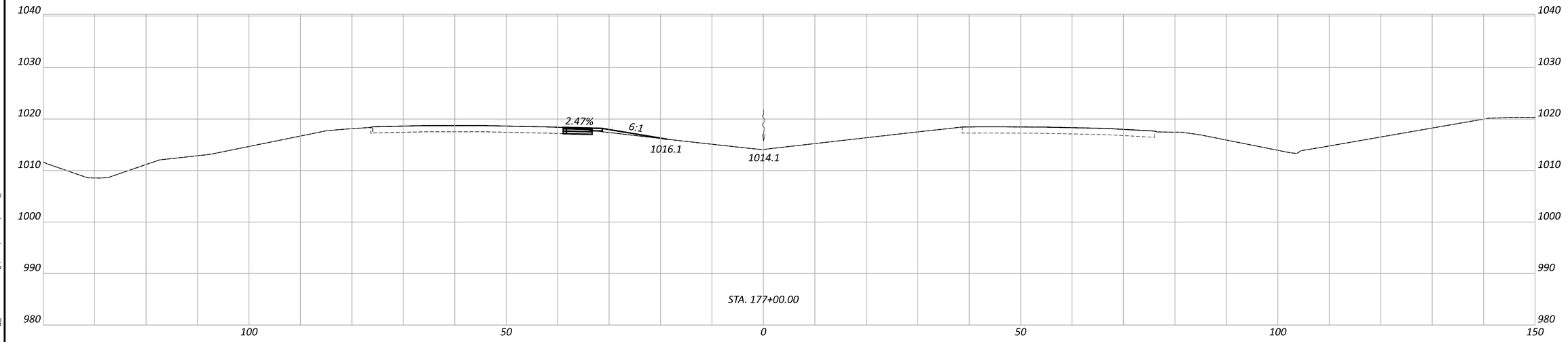

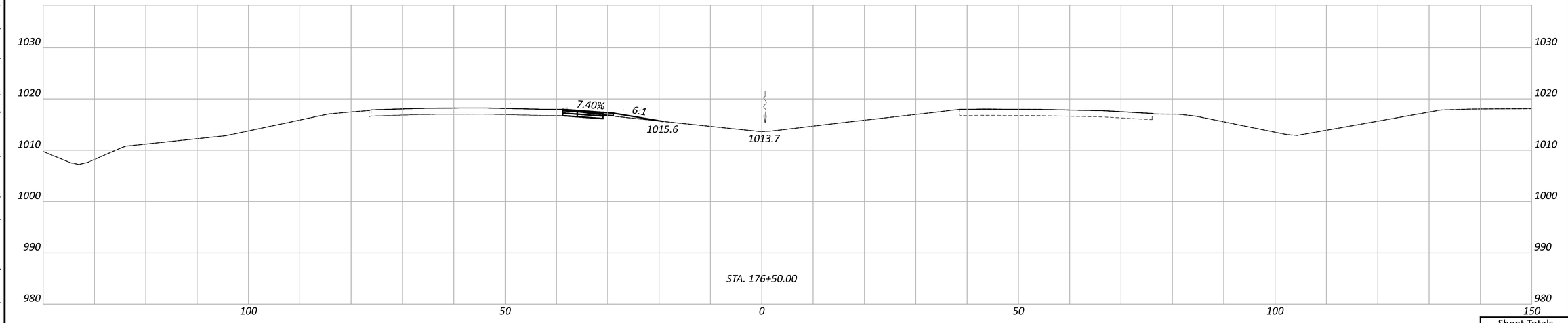

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

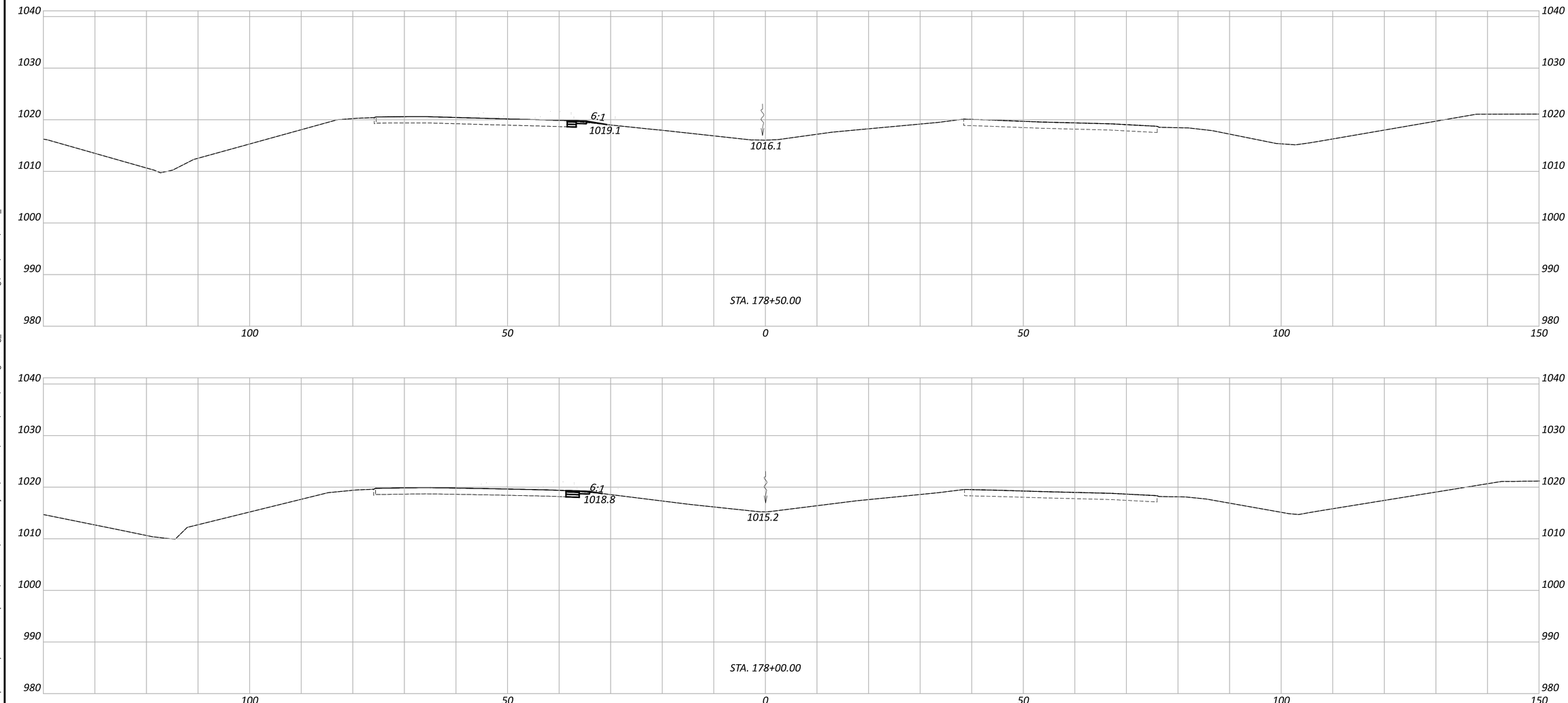
DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0256	P.2024



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MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0257 TOTAL P.2024

Sheet Totals

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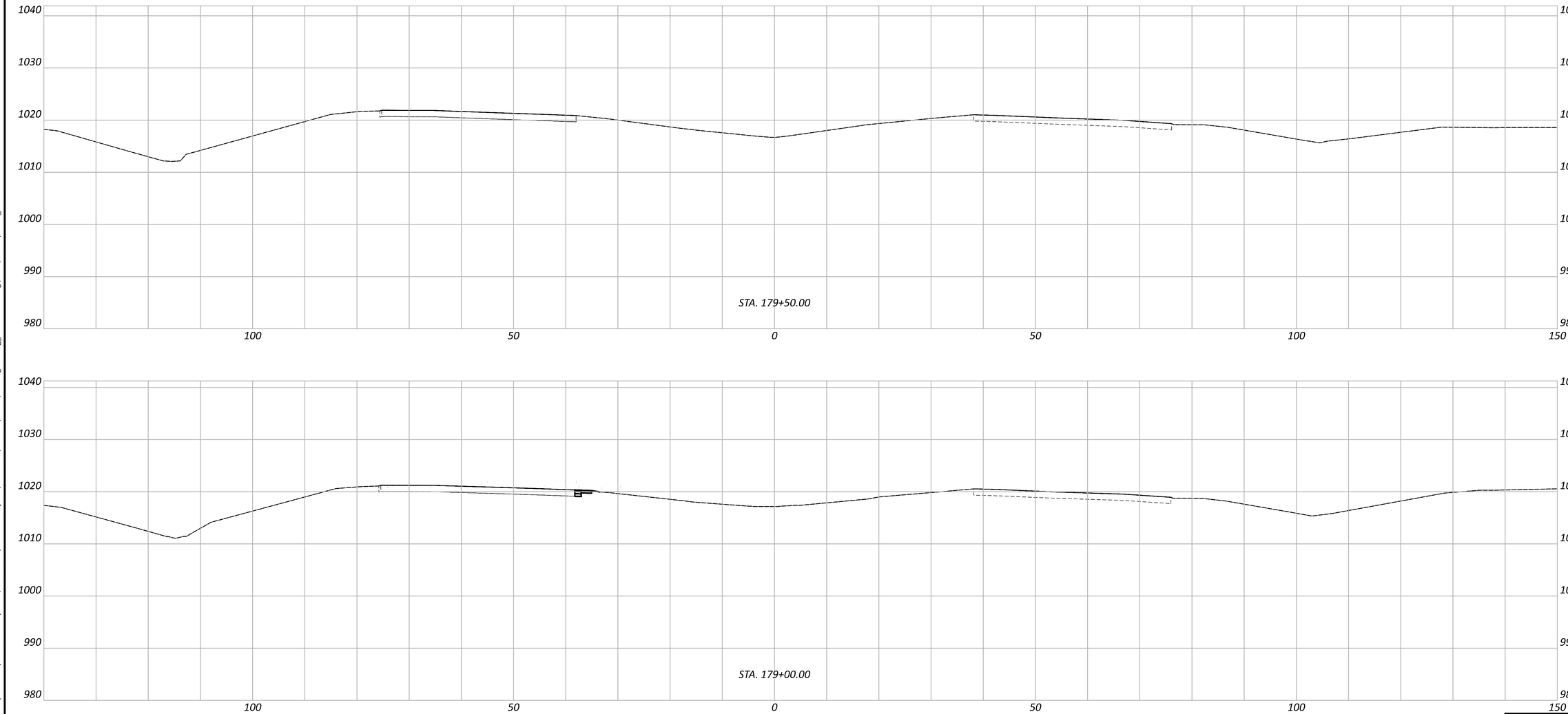

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
JAS

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.0258	P.2024

FAI/LIC-IR 70-0.00/0.00

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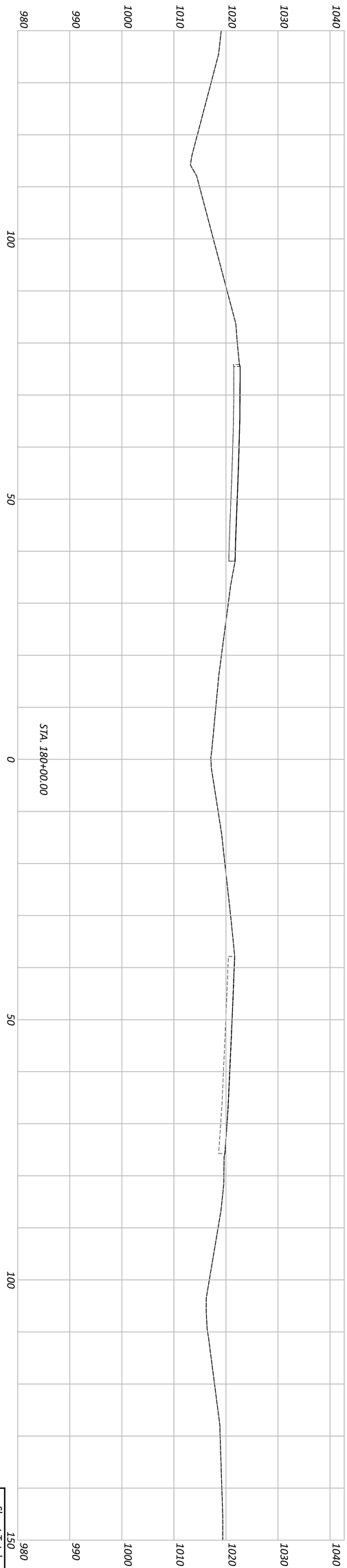
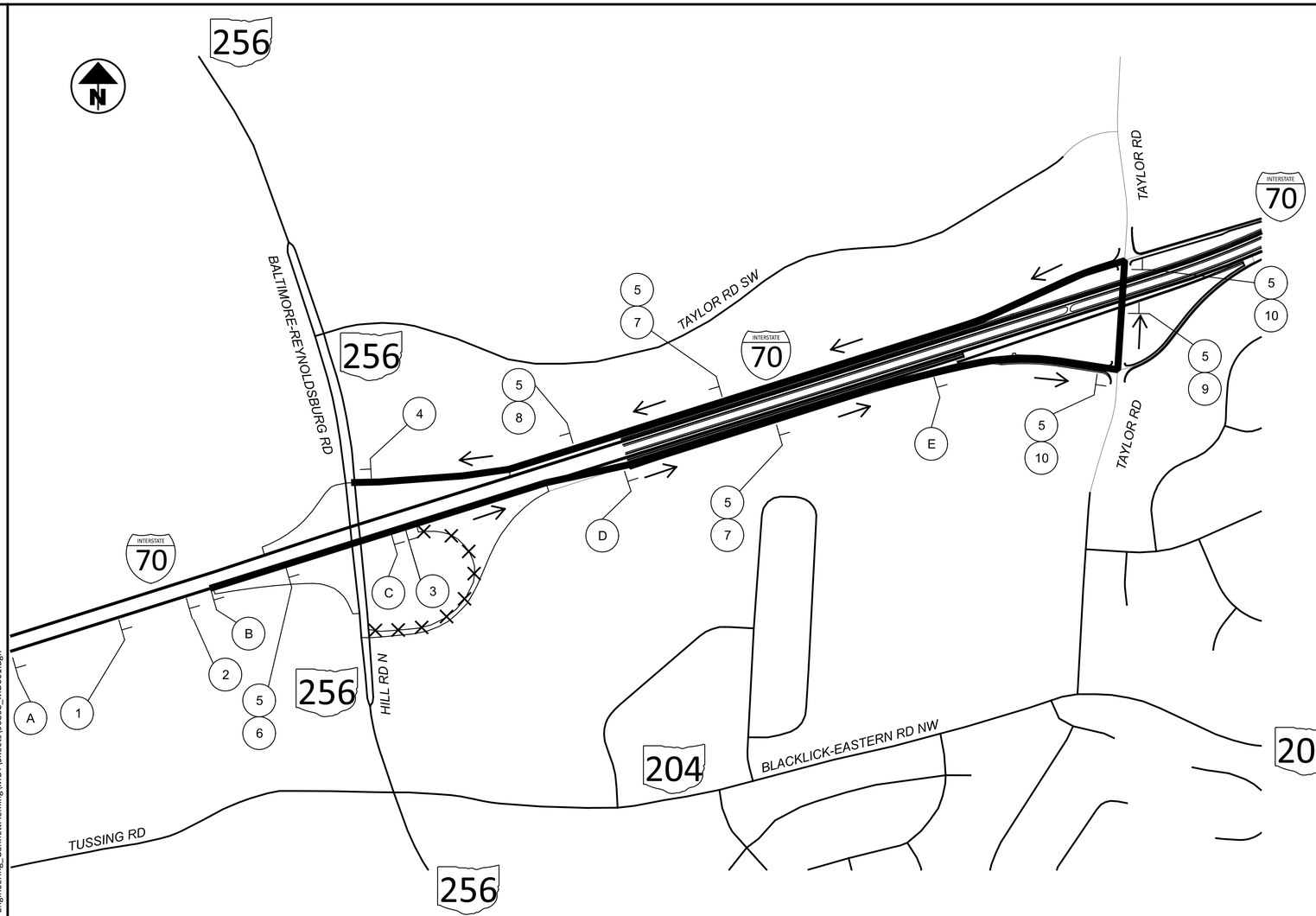


Sheet Totals	Fill	Cut	Seeding

DESIGN AGENCY	DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
GANNETT FLEMING	JAS	DRJ 08/07/26	96808	P 0259	P 2024

MAINTENANCE OF TRAFFIC - CROSSOVER DETAIL
PHASE 4 - EASTERN CROSSOVER PLANS



1 — RAMP CLOSED AHEAD
W20-3
48" X 48"
TYPE A
WARNING LIGHT

2 — DETOUR AHEAD
W20-2
48" X 48"

3 — *FLAGS*
TYPE A *TYPE A*
ROAD CLOSED
R11-2
48" X 30"
TYPE III
BARRICADE
PER MT-101.60

4 — END DETOUR
M4-8a
24" X 18"

5 — DETOUR *M4-8 30" X 15"*
TO *M4-5 36" X 18"*
WEST *M3-4 36" X 18"*
256 *M1-5 45" X 36"*

6 — *M6-3 30" X 21"*

7 — *M5-2R 30" X 21"*

8 — *M6-2R 30" X 21"*

9 — *M5-1L 30" X 21"*

10 — *M6-1L 30" X 21"*

EXIT CLOSED
W20-H15
96" X 18" PANEL
BLACK ON ORANGE

A — EXIT 112A/B *COVER 18" X 30"*
256
Pickerington
Reynoldsburg
1 MILE
COVER 17" X 1.5'

B — EXIT 112B
WEST
256
Reynoldsburg
EXIT CLOSED

C — EXIT 112B
WEST
256
Reynoldsburg
EXIT CLOSED

D — *M4-8 30" X 15"*
DETOUR
M3-4 36" X 18" WEST
M1-5 45" X 36" 256
EXIT 113
204
Blacklick-
Eastern Rd
½ MILE
EXIT ONLY

E — *M4-8 30" X 15"*
DETOUR
M3-4 36" X 18" WEST
M1-5 45" X 36" 256
M6-2R 30" X 21"
EXIT 113
204
Blacklick-
Eastern Rd
EXIT ONLY

NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN RAMP C FROM IR-70 EASTBOUND TO SR-256 WESTBOUND IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.29.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*

LEGEND

XXX — *CLOSURE*
DETOUR ROUTE
SIGN
DIRECTION OF TRAVEL

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 2
RAMP C IR-70 EASTBOUND EXIT RAMP TO SR-256 WESTBOUND

FAI/LIC-IR 70-0.00/0.00

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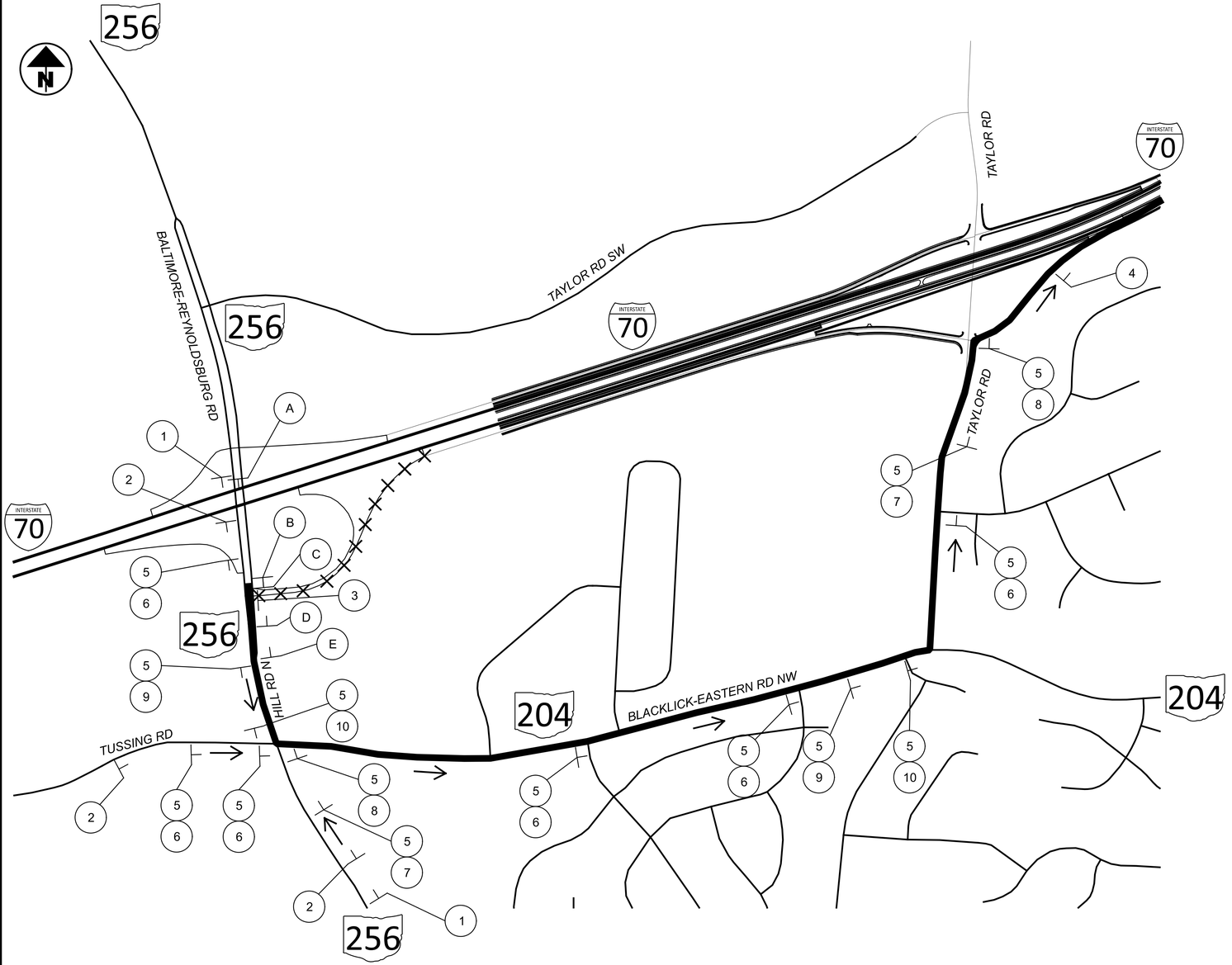
DESIGN AGENCY
GANNETT FLEMING

DESIGNER	TCW
REVIEWER	DRJ 08/07/26
PROJECT ID	96808
SHEET	P.0260
TOTAL	P.2024



1 — RAMP CLOSED AHEAD
W20-3 36" X 36" TYPE A WARNING LIGHT

2 — DETOUR AHEAD
W20-2 36" X 36"

3 — *FLAGS* (TYPE A, TYPE A)
ROAD CLOSED
R11-2-48 TYPE III BARRICADE PER MT-101.60

4 — END DETOUR
M4-8a 24" X 18"

5 — DETOUR *M4-8 24" X 12"*
TO *M4-5 24" X 12"*
EAST *M3-2 24" X 12"*
INTERSTATE 70 *M1-1 24" X 24"*

6 — *M6-3 21" X 15"*

7 — *M5-1R 21" X 15"*

8 — *M6-1R 21" X 15"*

9 — *M5-1L 21" X 15"*

10 — *M6-1L 21" X 15"*

EXIT CLOSED
W20-H15 96" X 18" PANEL BLACK ON ORANGE

A — INTERSTATE 70 EAST EXIT CLOSED Wheeling

B — INTERSTATE 70 EAST EXIT CLOSED Wheeling

C — INTERSTATE 70 EAST EXIT CLOSED Wheeling

D — WEST KEEP LEFT INTERSTATE 70 EAST
COVER 36" X 48"

E — WEST 256 INTERSTATE 70 EAST
COVER 30" X 48"

NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN RAMP D FROM SR-256 TO IR-70 EASTBOUND IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.30.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*

LEGEND

- XXX — *CLOSURE*
- *DETOUR ROUTE*
- *SIGN*
- *DIRECTION OF TRAVEL*

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 2 & 3
RAMP D SR-256 ENTRANCE RAMP TO IR-70 EASTBOUND

FAI/LIC-IR 70-0.00/0.00

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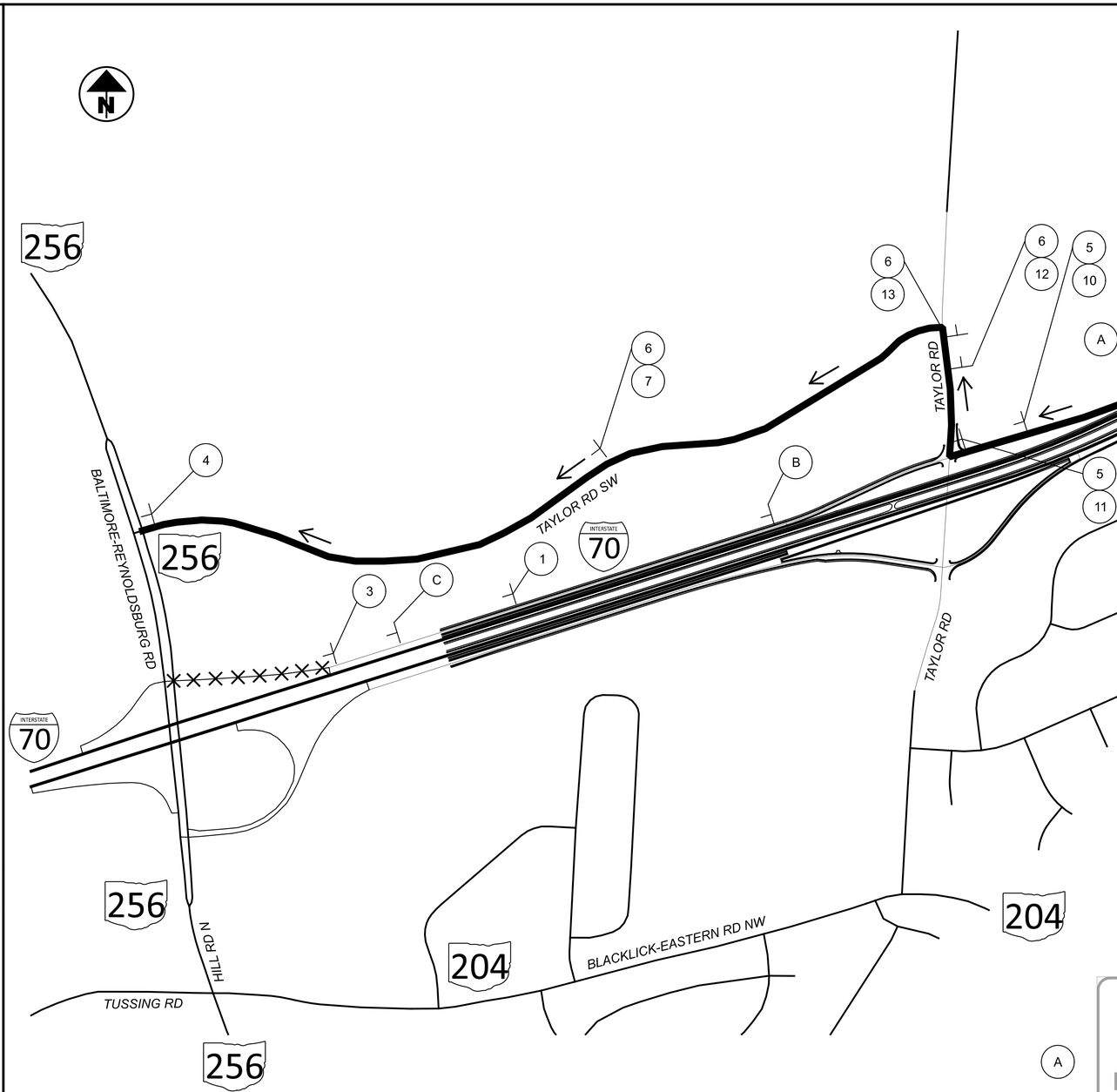
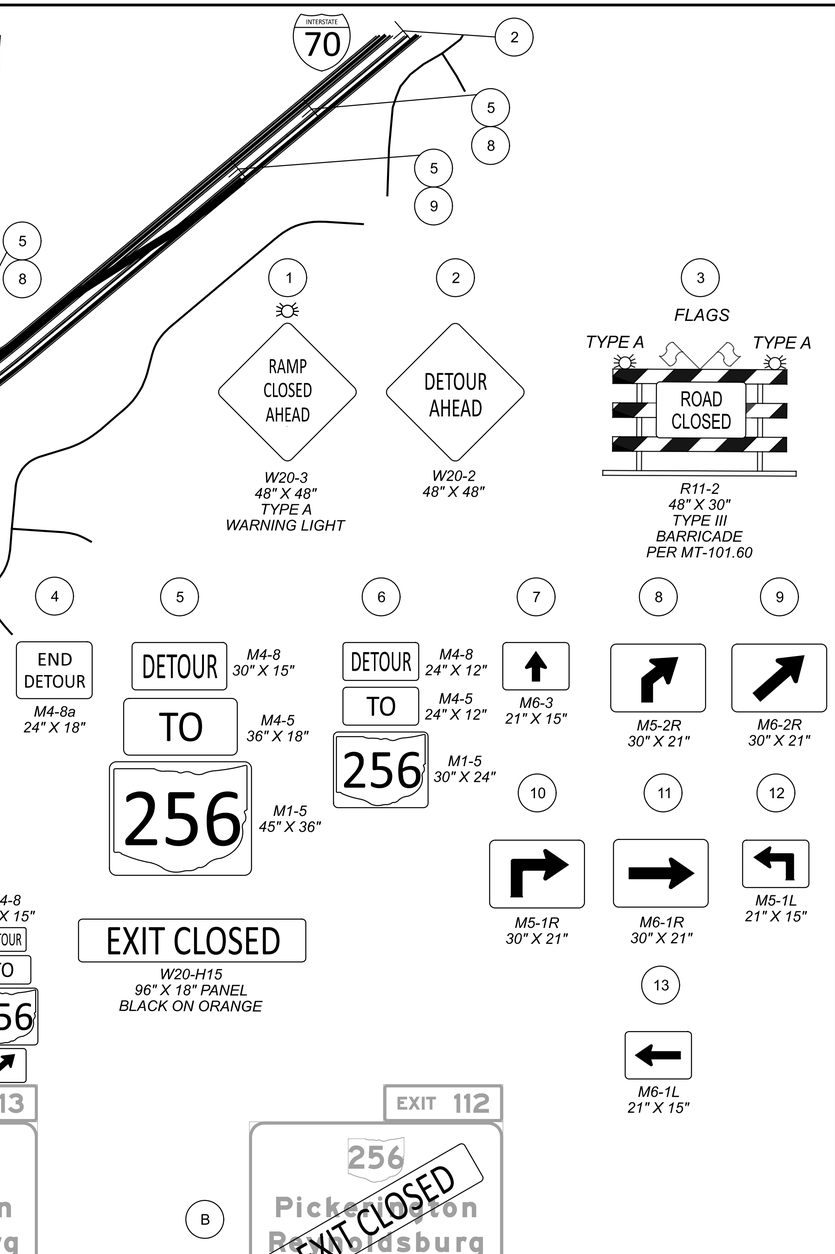
DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0261 TOTAL P.2024





NOTES:

1. IMPLEMENT THIS DETOUR PLAN WHEN RAMP B FROM IR-70 WESTBOUND TO SR-256 IS CLOSED FOR CONSTRUCTION. CLOSE RAMP PER SCD MT-98.29.
2. SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".
3. COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.
4. PLACE "CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.

LEGEND

XXX	CLOSURE
▬▬	DETOUR ROUTE
⊢	SIGN
←	DIRECTION OF TRAVEL

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 4
RAMP B IR-70 WESTBOUND EXIT RAMP TO SR-256

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW
REVIEWER DRJ 08/07/26
PROJECT ID 96808
SHEET P.0262 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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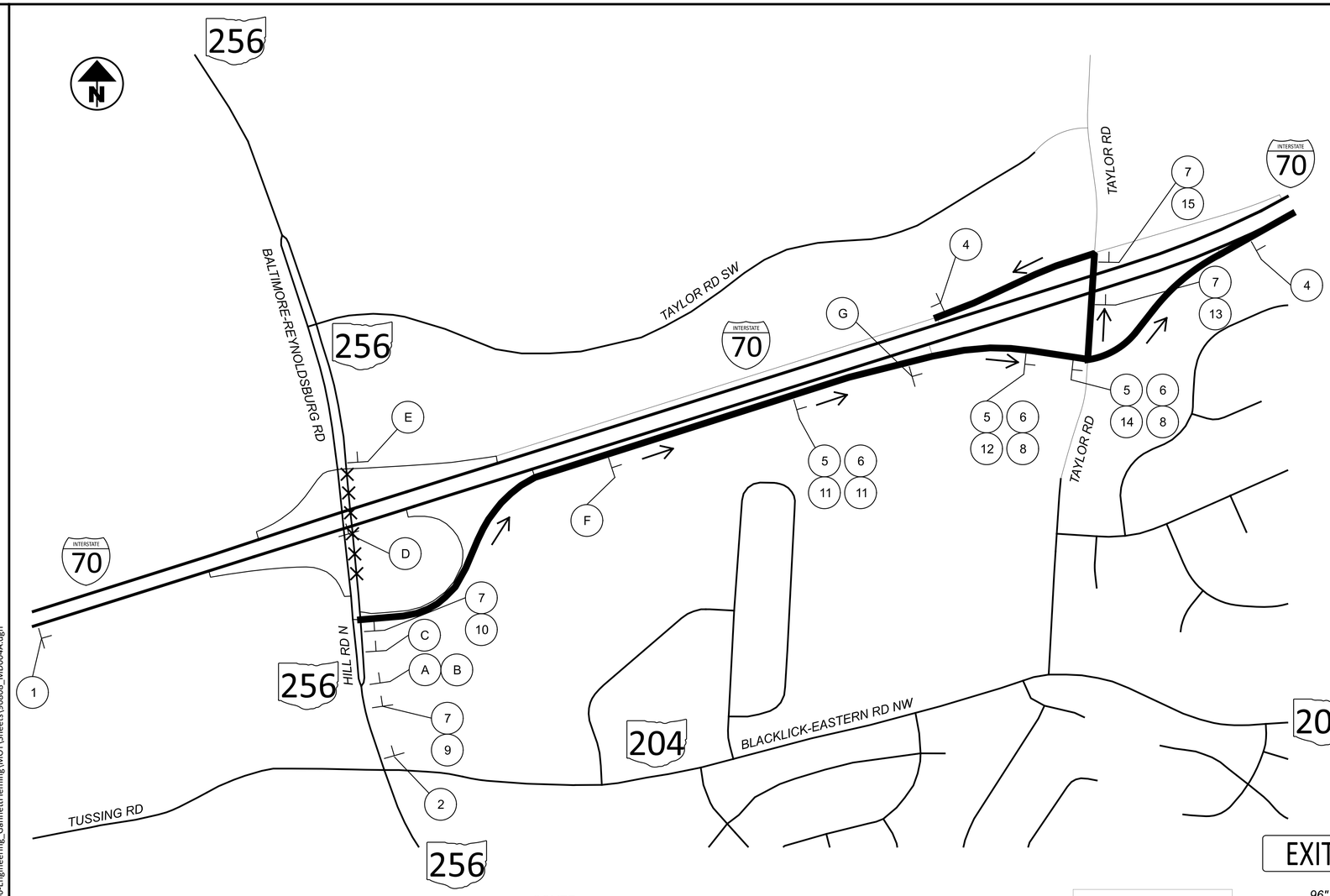

1 — W20-2, 48" X 48": DETOUR AHEAD; Taylor Rd, W16-H8P, 24" X 8"

2 — DETOUR AHEAD, W20-2, 36" X 36"

3 — FLAGS: TYPE A, TYPE A; ROAD CLOSED; R11-2, 48" X 30", TYPE III BARRICADE PER MT-101.60

4 — END DETOUR, M4-8a, 24" X 18"

5 — DETOUR, M4-8, 30" X 15"; TO, M4-5, 36" X 18"; WEST, M3-4, 36" X 18"; INTERSTATE 70, M1-1, 48" X 48"

6 — DETOUR, M4-8, 30" X 15"; TO, M4-5, 36" X 18"; EAST, M3-2, 36" X 18"; INTERSTATE 70, M1-1, 48" X 48"

7 — DETOUR, M4-8, 24" X 12"; TO, M4-5, 24" X 12"; WEST, M3-4, 24" X 12"; INTERSTATE 70, M1-1, 24" X 24"

8 — M6-3, 30" X 21"

9 — M5-1R, 21" X 15"

10 — M6-1R, 21" X 15"

11 — M5-2R, 30" X 21"

12 — M5-1L, 30" X 21"

13 — M5-1L, 21" X 15"

14 — M6-1L, 30" X 21"

15 — M6-1L, 21" X 15"

A — WEST 70, COVER 48" X 60"

B — WEST 70, COVER 48" X 60"

C — COVER 36" X 48"; WEST, KEEP LEFT; INTERSTATE 70 EAST

D — INTERSTATE 70 WEST, EXIT CLOSED, Columbus

E — INTERSTATE 70 WEST, EXIT CLOSED, Columbus

EXIT CLOSED
W20-H15
96" X 18" PANEL
BLACK ON ORANGE

F — M4-8, 30" X 15": DETOUR; M3-4, 36" X 18": WEST; M1-1, 48" X 48": INTERSTATE 70; EXIT 113; 204; Blacklick-Eastern Rd; EXIT CLOSED; 1/2 MILE; EXIT ONLY

G — M4-8, 30" X 15": DETOUR; M3-4, 36" X 18": WEST; M4-8, 30" X 15": DETOUR; M3-2, 36" X 18": EAST; M1-1, 48" X 48": INTERSTATE 70; M1-1, 48" X 48": INTERSTATE 70; M6-2R, 30" X 21"; M6-2R, 30" X 21"; EXIT 113; 204; Blacklick-Eastern Rd; EXIT CLOSED; EXIT ONLY

NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN THE SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A FROM SR-256 TO IR-70 WESTBOUND ARE CLOSED FOR CONSTRUCTION. CLOSE LEFT TURN LANES PER SCD MT-98.30.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*
5. *THIS DETOUR WILL BE IMPLEMENTED AT THE SAME TIME AS THE DETOUR SHOWN ON SHEET P.0264.*

LEGEND

- XXX — CLOSURE
- ▬ — DETOUR ROUTE
- ⊢ — SIGN
- ← — DIRECTION OF TRAVEL

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 4
SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A SR-256 EXIT RAMP TO IR-70 WESTBOUND

DESIGN AGENCY: GANNETT FLEMING

DESIGNER: TCW

REVIEWER: DRJ 08/07/26

PROJECT ID: 96808

SHEET: P.0263 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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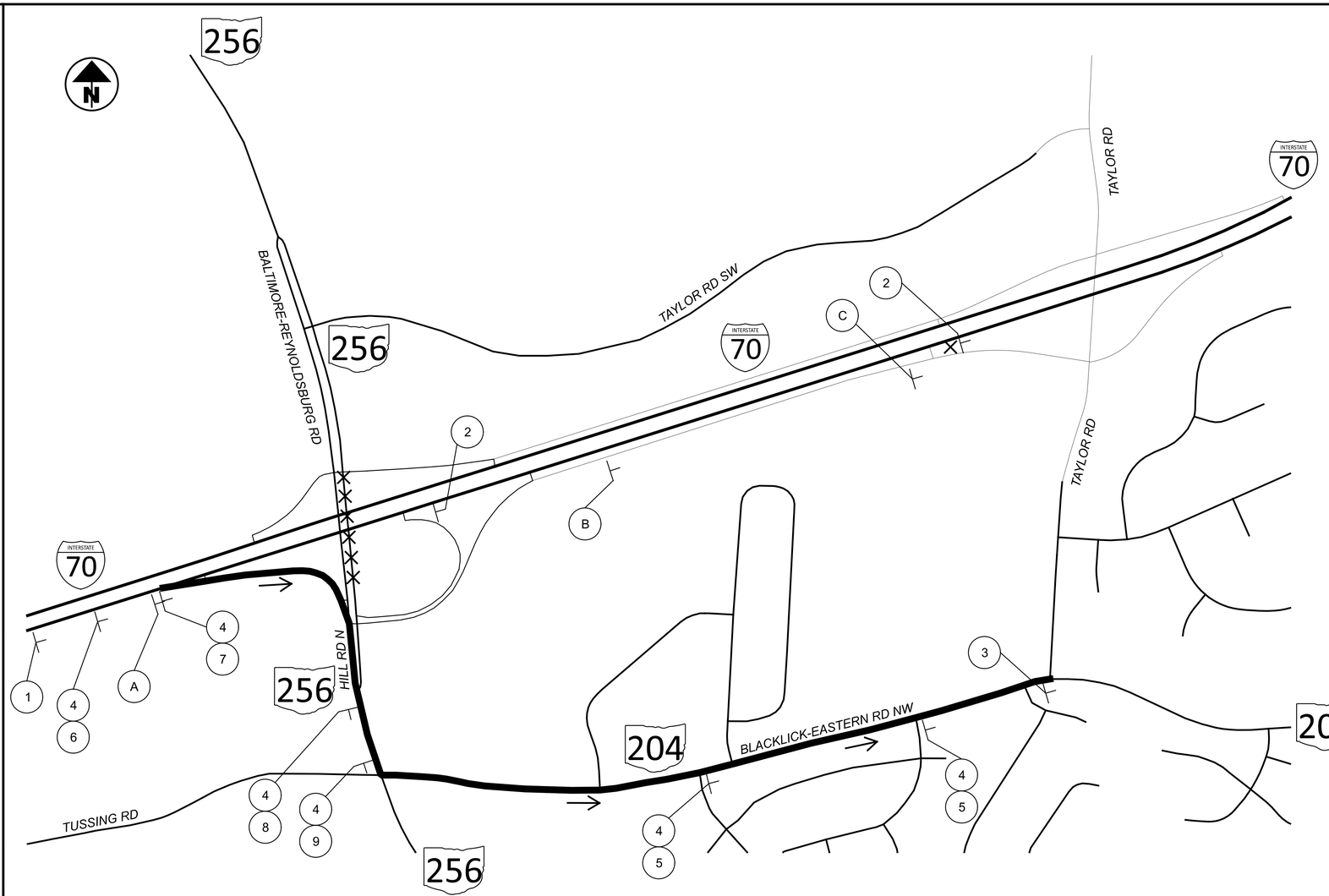

1

W20-2
48" X 48"

DETOUR AHEAD

Taylor Rd

W16-H8P
24" X 8"

2

FLAGS

TYPE A TYPE A

ROAD CLOSED

R11-2
48" X 30"
TYPE III
BARRICADE
PER MT-101.60

3

END DETOUR

M4-8a
24" X 18"

4

DETOUR M4-8 24" X 12"

TO M4-5 24" X 12"

Taylor Rd W16-H8P 24" X 8"

5

M6-3
21" X 15"

6

M5-2R
30" X 21"

7

M6-2R
30" X 21"

8

M5-1L
21" X 15"

9

M6-1L
21" X 15"

EXIT CLOSED

W20-H15
96" X 18" PANEL
BLACK ON ORANGE

A

EXIT 113

204

Blacklick-Eastern Rd

EXIT CLOSED

1 MILE

B

M4-8 30" X 15"

DETOUR

M3-4 36" X 18" WEST

M1-1 48" X 48" INTERSTATE 70

EXIT 113

204

Blacklick-Eastern Rd

EXIT CLOSED

½ MILE

EXIT ONLY

C

M4-8 30" X 15" DETOUR

M4-8 30" X 15" DETOUR

M3-4 36" X 18" WEST

M3-2 36" X 18" EAST

M1-1 48" X 48" INTERSTATE 70

M1-1 48" X 48" INTERSTATE 70

M6-2R 30" X 21"

M6-2R 30" X 21"

EXIT 113

204

Blacklick-Eastern Rd

EXIT CLOSED

EXIT ONLY

NOTES:

1. *IMPLEMENT THIS DETOUR PLAN WHEN THE SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A FROM SR-256 TO IR-70 WESTBOUND ARE CLOSED FOR CONSTRUCTION. CLOSE LEFT TURN LANES PER SCD MT-98.30.*
2. *SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".*
3. *COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.*
4. *PLACE "EXIT CLOSED" PLACARD DIAGONALLY ON OVERHEAD SIGNS AS SHOWN.*
5. *THIS DETOUR WILL BE IMPLEMENTED AT THE SAME TIME AS THE DETOUR SHOWN ON SHEET P.0263.*

LEGEND

- XXX — *CLOSURE*
- ▬ — *DETOUR ROUTE*
- ⊢ — *SIGN*
- ← — *DIRECTION OF TRAVEL*

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 4

SR-256 WESTBOUND DOUBLE LEFT TURN LANES TO RAMP A SR-256 EXIT RAMP TO IR-70 WESTBOUND

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TCW

REVIEWER DRJ 08/07/26

PROJECT ID 96808

SHEET P.0264 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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MAINTENANCE OF TRAFFIC DETOUR PLAN
BLACKLICK TRAIL CLOSURE



1

TRAIL CLOSED

R9-9-30 (MOD)
TYPE I
BARRICADE
PER MT-110.10

2

FLAGS

TYPE A *TYPE A*

ROAD CLOSED

R11-2-48
TYPE III
BARRICADE
PER MT-101.60

3

DETOUR

M4-9a
30" x 24"

4

DETOUR

M4-9a
30" x 24"

LEGEND

- XXX — *CLOSURE*
- ━━ — *DETOUR ROUTE*
- ⊢ — *SIGN*
- ← — *DIRECTION OF TRAVEL*

NOTES:

1. *IMPLEMENT THIS CLOSURE WHEN IR-70 BRIDGE OVER BLACKLICK CREEK IS UNDER ACTIVE CONSTRUCTION. CLOSE TRAIL PER SCD MT-110.10 DURING PHASE 2 THROUGH PHASE 4B.*
2. *FOR PROPOSED TRAIL RELOCATION INFORMATION, ALIGNMENT, ELEVATIONS, TIE-IN LOCATIONS, AND RELATED DETAILS, SEE SHEET* P.0408
3. *WHENEVER THE CLOSURE OCCURS, THE TOTAL DETOUR SIGNING AS INDICATED ON THIS PLAN SHALL BE IMPLEMETED.*

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TCW

REVIEWER
DRJ 08/07/26

PROJECT ID
96808

SHEET P.0265 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:58:47 PM USER: borr
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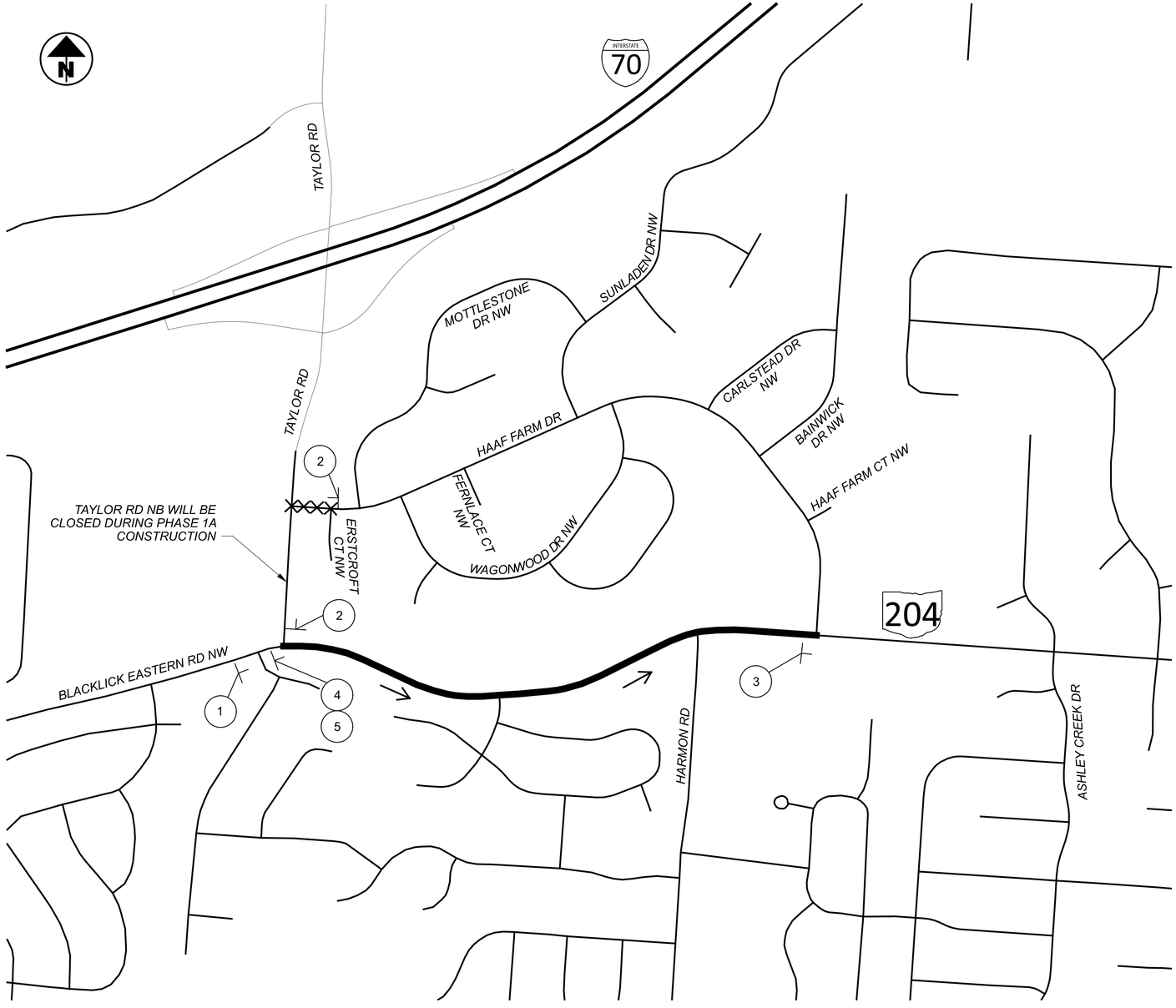


1

W20-2
48" X 48"

DETOUR AHEAD

HAAF FARM DR

W16-H8P
36" X 8"

2

FLAGS

TYPE A TYPE A

ROAD CLOSED

R11-2
48" X 30"
TYPE III
BARRICADE
PER MT-101.60

3

END DETOUR

M4-8a
24" X 18"

4

DETOUR
TO
HAAF FARM DR

M4-8
24" X 12"

M4-5
24" X 12"

W16-H8P
36" X 8"

5

M6-3
21" X 15"

LEGEND

- CLOSURE
- DETOUR ROUTE
- SIGN
- DIRECTION OF TRAVEL

NOTES:

1. IMPLEMENT THIS DETOUR PLAN DURING THE DURATION OF PHASE 1A WHEN TAYLOR ROAD NB IS CLOSED AS SHOWN ON SHEET P.0176 AND DURING THE DURATION OF PHASE 1C.
2. SIGN SPACING PER OMUTCD TABLE 6C-1 "RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING".
3. COVER CONFLICTING SIGNAGE DURING DETOUR ONLY.
4. WHENEVER THE CLOSURE OCCURS, THE TOTAL DETOUR SIGNING AS INDICATED ON THIS PLAN SHALL BE IMPLEMENTED.

MAINTENANCE OF TRAFFIC DETOUR PLAN PHASE 1A & 1C
HAAF FARM DRIVE

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:59:00 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MD006.dgn

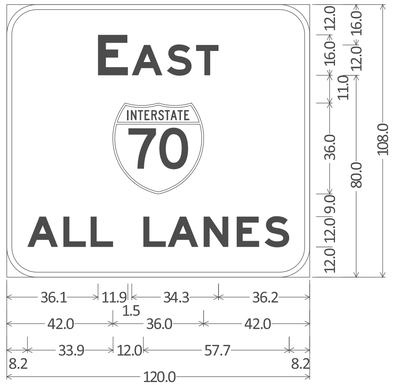
DESIGN AGENCY
GANNETT FLEMING

DESIGNER
TS

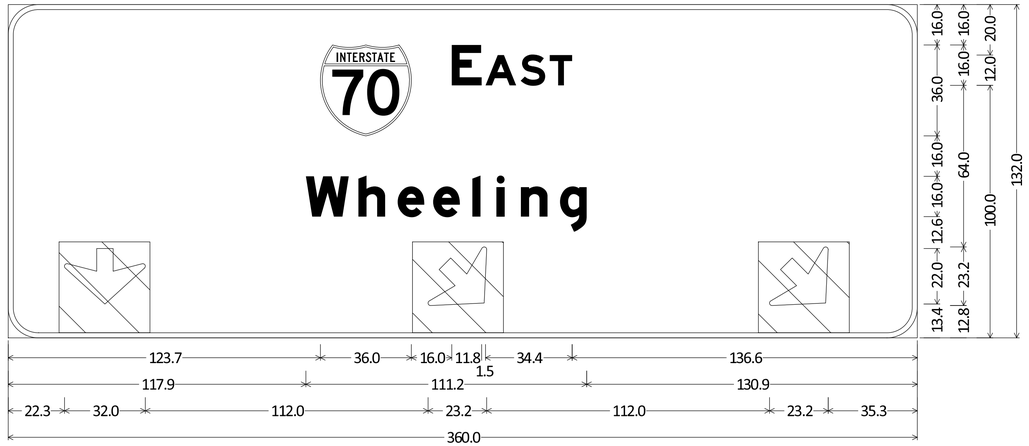
REVIEWER
DRJ 08/07/26

PROJECT ID
96808

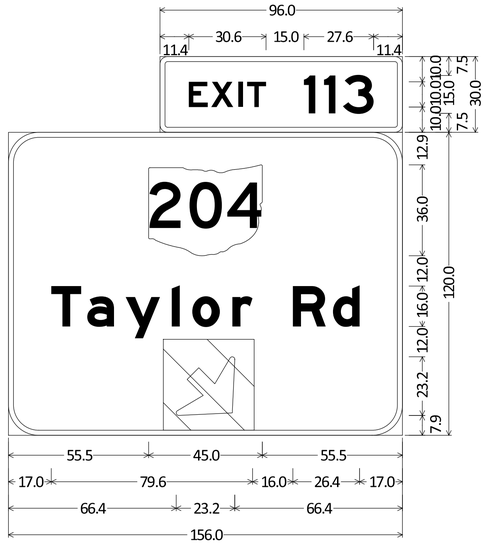
SHEET P.0266 TOTAL P.2024



2.0" Border, Black on Orange;
"EAST", E Mod 2K; Interstate 70 M1-1;
"ALL LANES", E Mod 2K;
Table of widths and spaces
SN-1, SN-2, SN-3, SN-4, SN-5

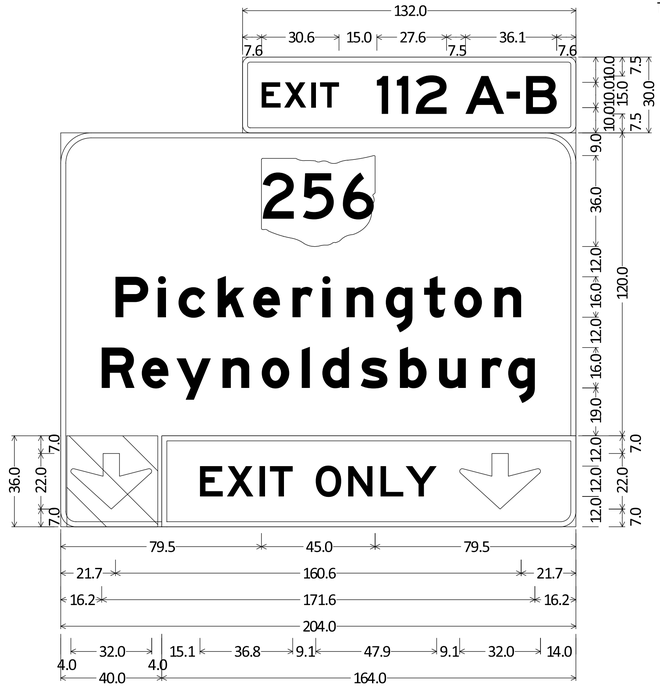


12.0" Radius, 2.0" Border, White on Green;
Interstate 70 M1-1; "EAST", E Mod 2K; "Wheeling", E Mod 2K; Down Arrow C-1 - 22.0" 270°; Down Arrow C-1 - 22.0" 315°; Down Arrow C-1 - 22.0" 315°;
Table of widths and spaces
OV-1
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY
OV-2, OV-3
36" x 36"
NO BORDER
BLACK TYPE D ARROW PLAQUE (DIAGONAL)



3.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "113", E 2K;

12.0" Radius, 2.0" Border, White on Green;
State Highway 204 M1-H5-36-3; "Taylor Rd", E Mod 2K;
Down Arrow C-1 - 22.0" 315°;
Table of widths and spaces
OV-4
36" x 36"
NO BORDER
BLACK TYPE D ARROW PLAQUE
ON ORANGE (DIAGONAL)

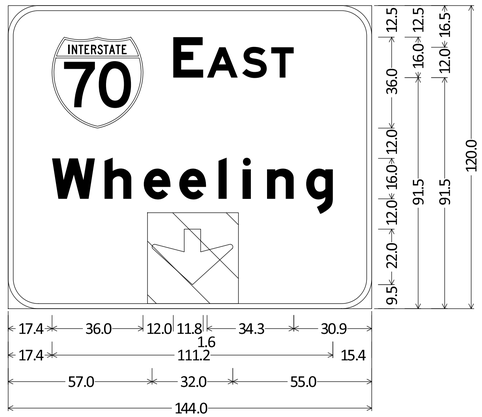


3.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "112", E 2K; "A-B", E 2K;

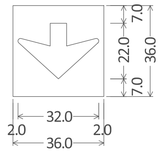
12.0" Radius, 2.0" Border, White on Green;
State Highway 256 M1-H5-36-3; "Pickerington", E Mod 2K;
"Reynoldsburg", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
Down Arrow C-1 - 22.0" 270°;

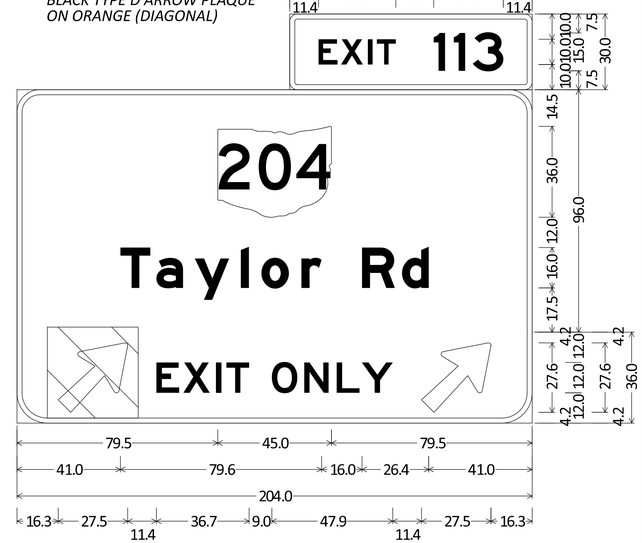
6.0" Radius, 2.0" Border, Black on Yellow;
"EXIT", E 2K; "ONLY", E 2K; Down Arrow C-1 - 22.0" 270°;
Table of widths and spaces
OV-5
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY



12.0" Radius, 2.0" Border, White on Green;
Interstate 70 M1-1; "EAST", E Mod 2K;
"Wheeling", E Mod 2K; Down Arrow C-1 - 22.0" 270°;
Table of widths and spaces
OV-7, OV-10
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY



No border, Orange;
Down Arrow C-1 - 22.0" 270° Black;
Table of widths and spaces
OV-6, OV-8, OV-9
36" x 36"
NO BORDER
TYPE D ARROW PLAQUE



3.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "113", E 2K;

9.0" Radius, 2.0" Border, White on Green;
State Highway 204 M1-H5-36-3; "Taylor Rd", E Mod 2K;

12.0" Radius, 2.0" Border, Black on Yellow;
Arrow A-1 - 35.0" 45°; "EXIT", E 2K; "ONLY", E 2K; Arrow A-1 - 35.0" 45°;
Table of widths and spaces
OV-11
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY

TEMPORARY SIGN DETAILS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER ALZ
REVIEWER BRO 08-14-26
PROJECT ID 96808
SHEET P.0267 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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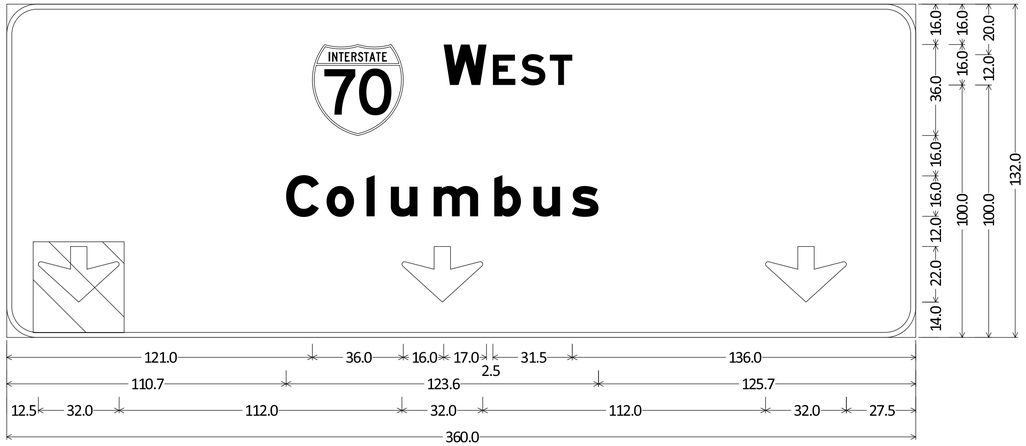
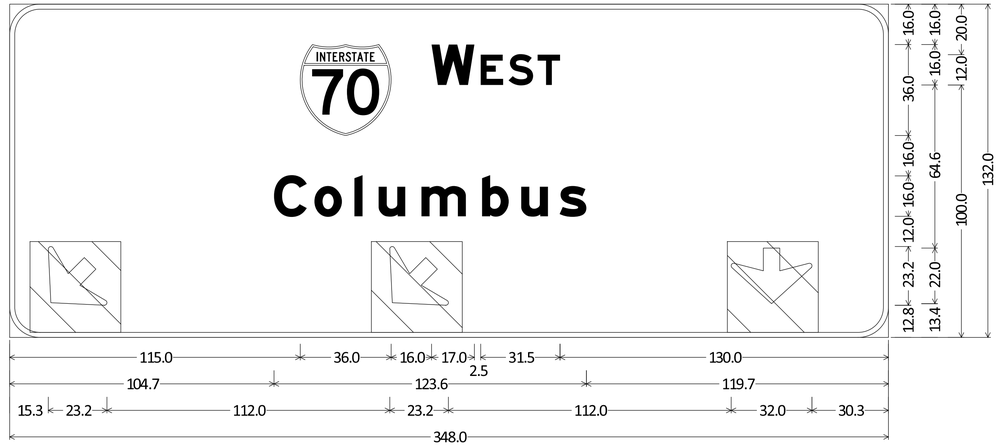


12.0" Radius, 2.0" Border, White on Green;
Interstate 70 M1-1; "WEST", E Mod 2K; "Columbus", E Mod 2K; Down Arrow C-1 - 22.0" 270°; Down Arrow C-1 - 22.0" 270°;
Down Arrow C-1 - 22.0" 270°;
Table of widths and spaces
OV-12
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY



12.0" Radius, 2.0" Border, White on Green;
Interstate 70 M1-1; "WEST", E Mod 2K; "Columbus", E Mod 2K; Down Arrow C-1 - 22.0" 225°; Down Arrow C-1 - 22.0" 225°;
Down Arrow C-1 - 22.0" 270°;
Table of widths and spaces
OV-13, OV-14
36" x 36"
NO BORDER
TYPE D ARROW PLAQUE (DIAGONAL)

OV-15
36" x 36"
NO BORDER
BLANK ORANGE OVERLAY



3.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "112-113", E 2K;

12.0" Radius, 2.0" Border, White on Green;
State Highway 204 M1-H5-36-3; State Highway 256 M1-H5-36-3;
"Pickerington", E Mod 2K; "Reynoldsburg", E Mod 2K; "½", E 2K; "MILE", E 2K;
Table of widths and spaces
OV-16
74" x 32"
NO BORDER
BLANK ORANGE OVERLAY

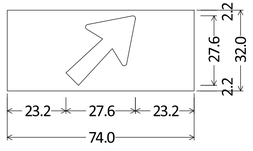


3.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "112-113", E 2K;

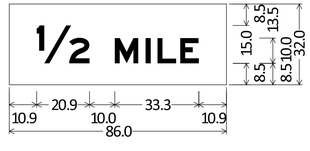
12.0" Radius, 2.0" Border, White on Green;
State Highway 204 M1-H5-36-3; State Highway 256 M1-H5-36-3;
"Pickerington", E Mod 2K; "Reynoldsburg", E Mod 2K; "1 MILE", E 2K;
Table of widths and spaces
OV-18
74" x 32"
NO BORDER
BLANK ORANGE OVERLAY



No border, Orange;
"KEEP RIGHT 1 MILE" Black, E Mod 2K;
Table of widths and spaces
OV-20
204" x 32"

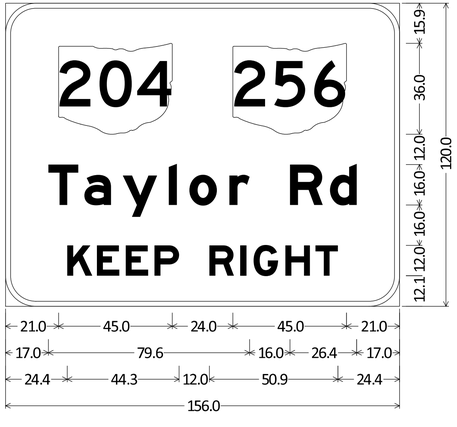


No border, Orange;
Arrow A-1 - 35.0" 45° Black;
Table of widths and spaces
OV-17
74" x 32"



No border, Orange;
"½ MILE" Black, E Mod 2K;
Table of widths and spaces
OV-19
86" x 32"

No border, Orange;
"KEEP RIGHT ½ MILE" Black, E Mod 2K;
Table of widths and spaces
OV-21
204" x 32"



12.0" Radius, 2.0" Border, Black on Orange;
State Highway 204 M1-H5-36-3; State Highway 256 M1-H5-36-3;
"Taylor Rd", E Mod 2K; "KEEP RIGHT", E Mod 2K;
Table of widths and spaces
SN-5

TEMPORARY SIGN DETAILS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
ALZ

REVIEWER
BRO 08-14-26

PROJECT ID
96808

SHEET P.0268 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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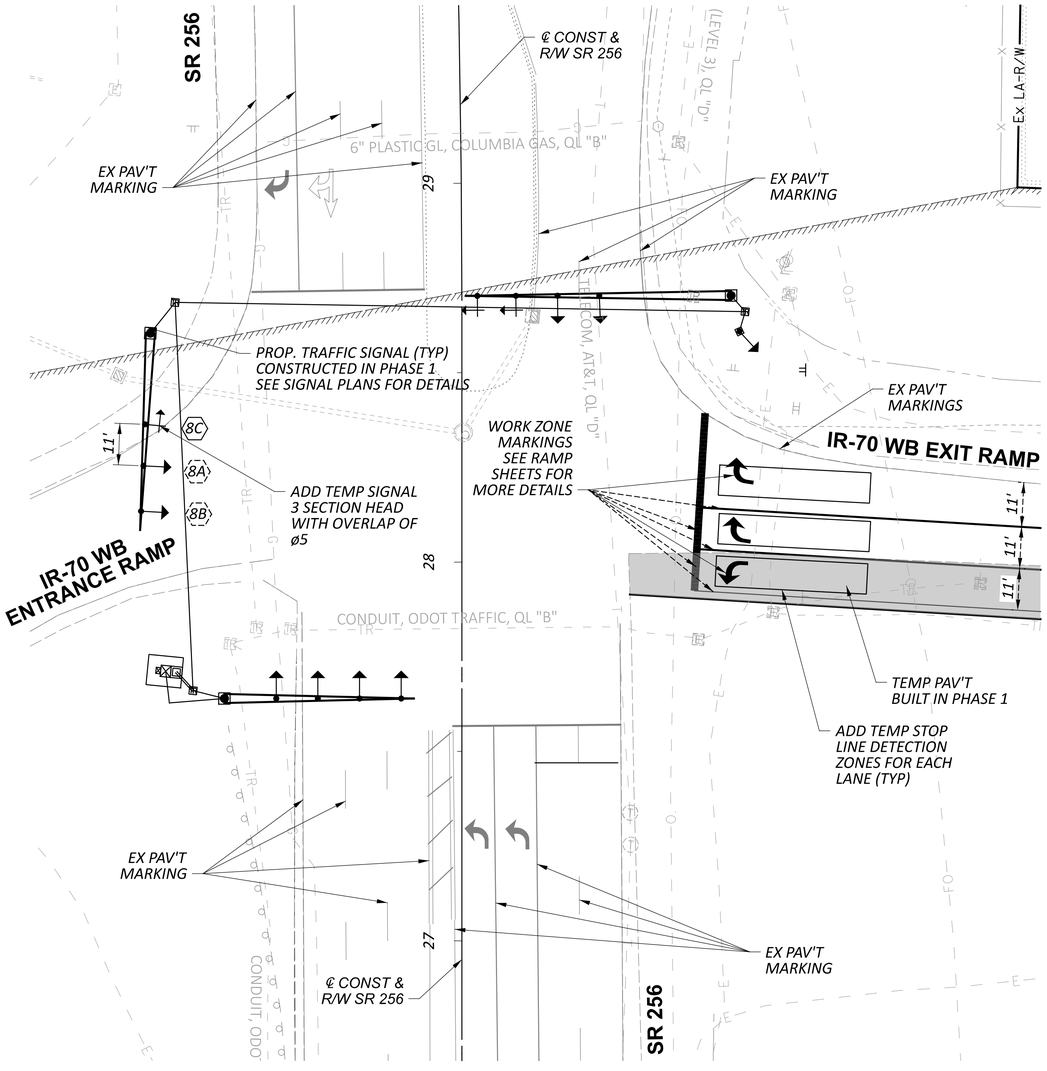
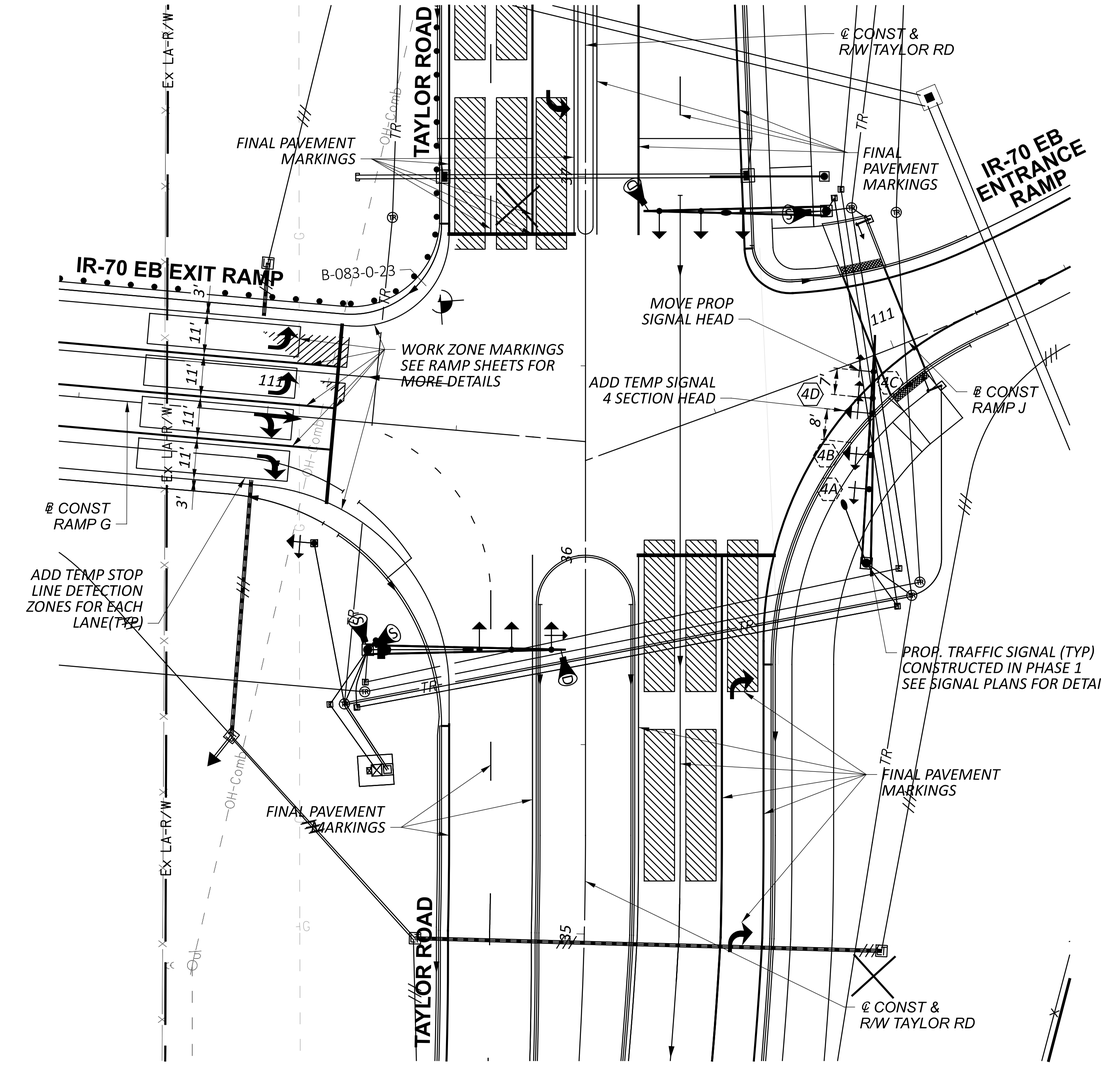
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MM100.dgn



SR 256 / IR-70 WB EXIT RAMP
PHASE 2 TEMPORARY SIGNAL

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0273
2. FOR SIGNAL PLANS, SEE SHEETS P.1400 TO P.1404
3. FOR MOT PLANS, SEE SHEETS P.0136 & P.0142
4. THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.



TAYLOR ROAD / IR-70 EB EXIT RAMP
PHASES 2 & 4 TEMPORARY SIGNAL

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEETS P.0270 & P.0279
2. FOR SIGNAL PLANS, SEE SHEETS P.1410 TO P.1414
3. FOR MOT PLANS, SEE SHEET P.0168
4. THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.

MAINTENANCE OF TRAFFIC
TEMPORARY TRAFFIC SIGNAL PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TJW
REVIEWER DRJ 4-18-25
PROJECT ID 96808
SHEET P.0269 TOTAL P.2024

FAI/LIC-IR-70-0.00/0.00

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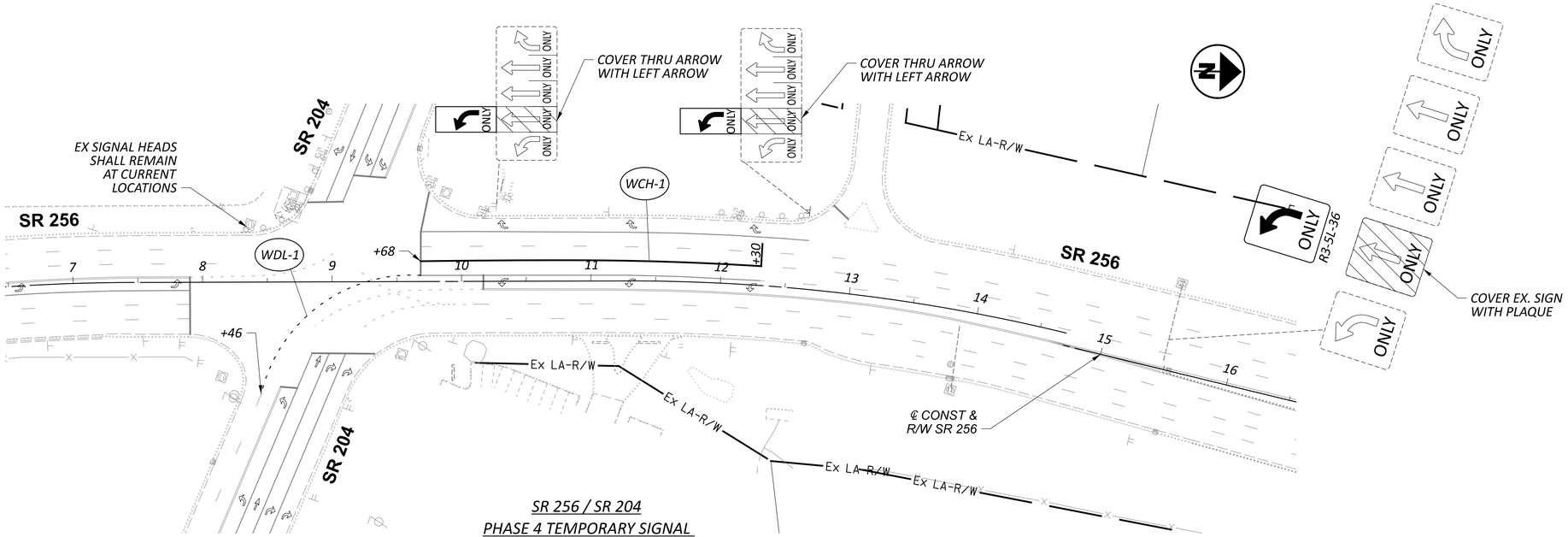
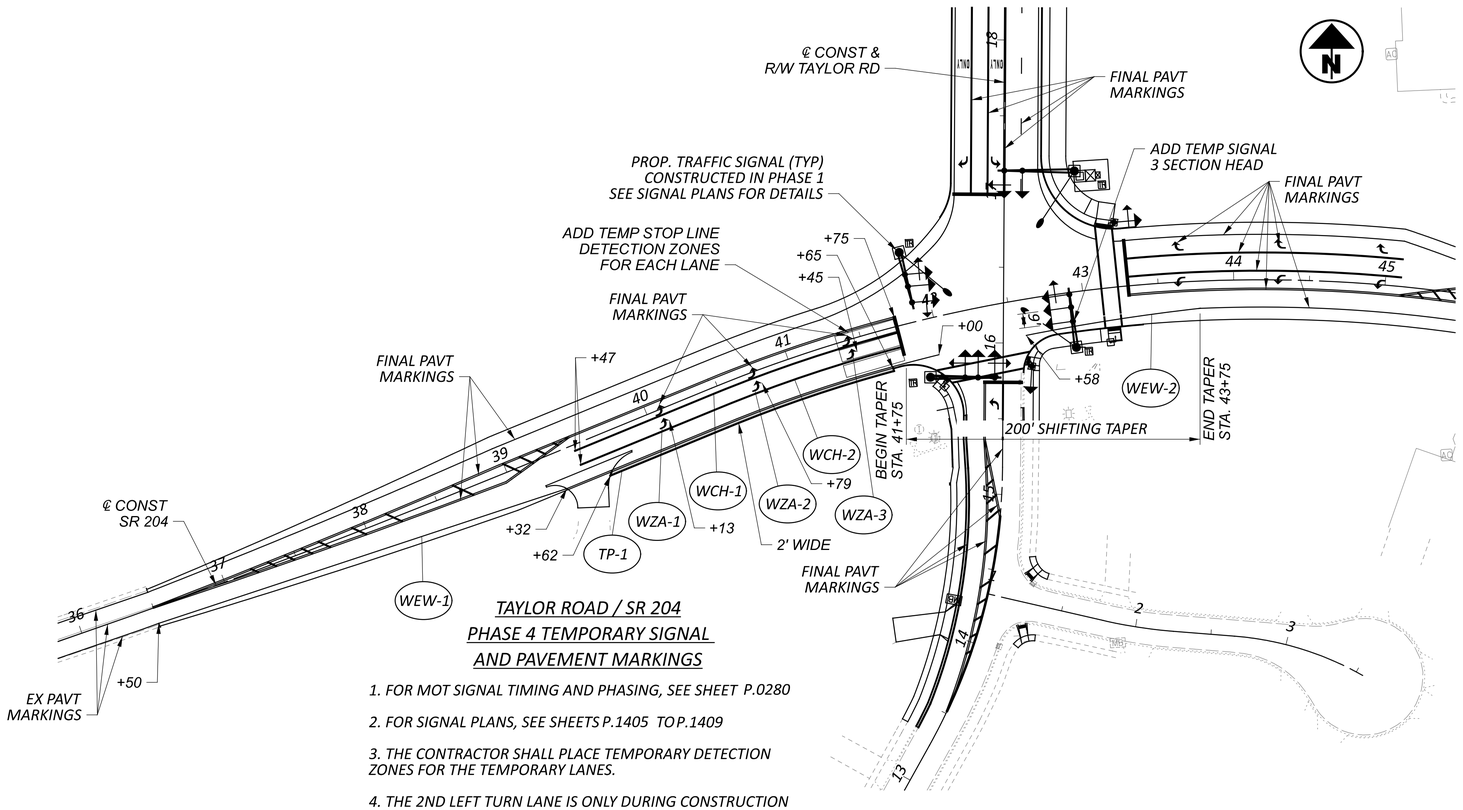


SR 256 / SR 204
PHASE 4 TEMPORARY SIGNAL
AND PAVEMENT MARKINGS

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0277
2. THE 2ND LEFT TURN LANE IS ONLY DURING CONSTRUCTION OF THE IR 70 WESTBOUND ENTRANCE RAMP.



TAYLOR ROAD / SR 204
PHASE 4 TEMPORARY SIGNAL
AND PAVEMENT MARKINGS

1. FOR MOT SIGNAL TIMING AND PHASING, SEE SHEET P.0280
2. FOR SIGNAL PLANS, SEE SHEETS P.1405 TO P.1409
3. THE CONTRACTOR SHALL PLACE TEMPORARY DETECTION ZONES FOR THE TEMPORARY LANES.
4. THE 2ND LEFT TURN LANE IS ONLY DURING CONSTRUCTION OF THE IR 70 WESTBOUND ENTRANCE RAMP.

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL PLANS

DESIGN AGENCY
GANNETT FLEMING

DESIGNER TJW
REVIEWER DRJ 4-18-25
PROJECT ID 96808
SHEET P.0270 TOTAL P.2024

FAI/LIC-IR-70-0.00/0.00

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TAYLOR RD / SR 204

PHASE 1A

TEMPORARY SIGNAL TIMING CHART

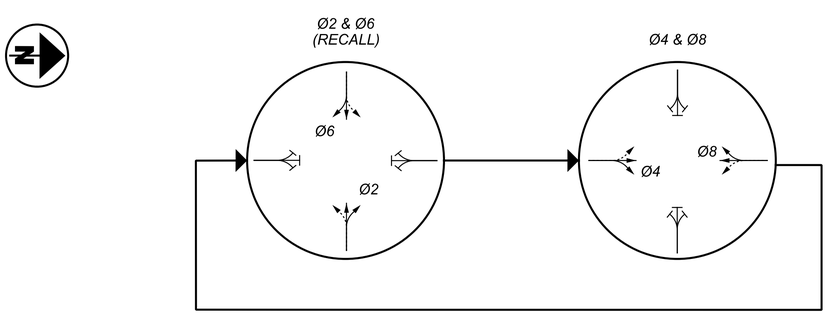
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES	PHASES:		4 & 8				
		REST IN RED:	RING 1	-			RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø4 & Ø8									
COLOR DISPLAYED: GREEN		PHASES				-	-	-	-
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION			NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)	(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)	(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I	(SEC.)		24	-	54		24	-	54
YELLOW CHANGE	(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE	(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES	PHASES:		4 & 8				
		REST IN RED:	RING 1	-			RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø4 & Ø8									
COLOR DISPLAYED: GREEN		PHASES				-	-	-	-
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION			NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)	(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)	(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I	(SEC.)		46	-	42		46	-	42
YELLOW CHANGE	(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE	(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



PHASE 1B

TEMPORARY SIGNAL TIMING CHART

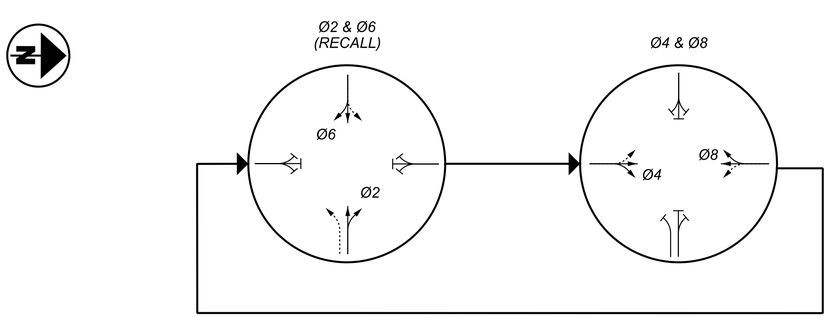
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES	PHASES:		4 & 8				
		REST IN RED:	RING 1	-			RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø4 & Ø8									
COLOR DISPLAYED: GREEN		PHASES				-	-	-	-
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION			NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)	(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)	(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I	(SEC.)		24	-	54		24	-	54
YELLOW CHANGE	(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE	(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES	PHASES:		4 & 8				
		REST IN RED:	RING 1	-			RING 2	-	
START IN: ALL-RED FLASH		OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø4 & Ø8									
COLOR DISPLAYED: GREEN		PHASES				-	-	-	-
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION			NB	-	SB		SB	-	SB
MINIMUM GREEN (INITIAL)	(SEC.)		10	-	20		10	-	20
PASSAGE TIME (PRESET GAP)	(SEC.)		3.0	-	3.0		3.0	-	3.0
MAXIMUM GREEN I	(SEC.)		46	-	42		46	-	42
YELLOW CHANGE	(SEC.)		4.7	-	5.1		4.7	-	5.1
ALL RED CLEARANCE	(SEC.)		1.0	-	1.0		1.0	-	1.0
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	-	-	YES	-	-	-	YES
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 1 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:20 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_ GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM

REVIEWER DRJ 4-15-25

PROJECT ID 96808

SHEET P.0271 TOTAL P.2024

PALMER ROAD
SIGNALIZED LANE CLOSURE

TEMPORARY SIGNAL TIMING CHART

PHASE 1A

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	41	41	10	-
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	20.0	20.0	12.0	18.0
MAX CYCLE LENGTH	(SEC.)	170.0			

TEMPORARY SIGNAL TIMING CHART

PHASE 2A

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

TEMPORARY SIGNAL TIMING CHART

PHASE 4 STAGE 1

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

PHASE 1B

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	-	7
PASSAGE TIME	(SEC.)	3.0	3.0	-	-
MAXIMUM GREEN I	(SEC.)	39	39	-	8
YELLOW CHANGE	(SEC.)	2.0	2.0	-	2.0
ALL RED CLEARANCE	(SEC.)	20.0	20.0	-	18.0
MAX CYCLE LENGTH	(SEC.)	150.0			

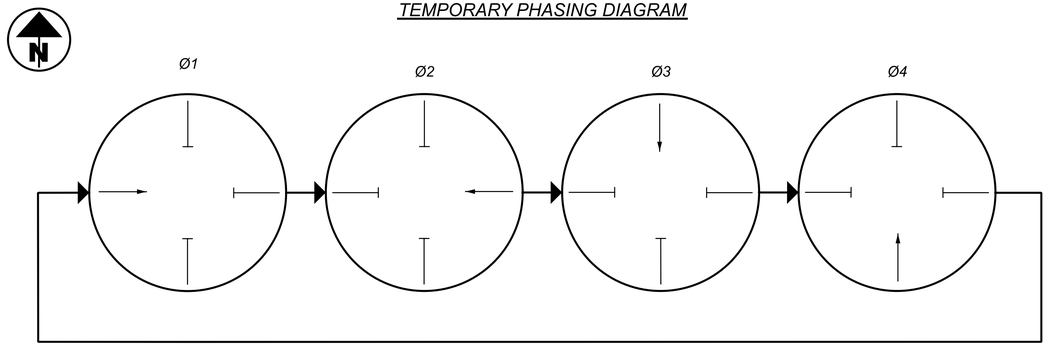
PHASE 2B

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

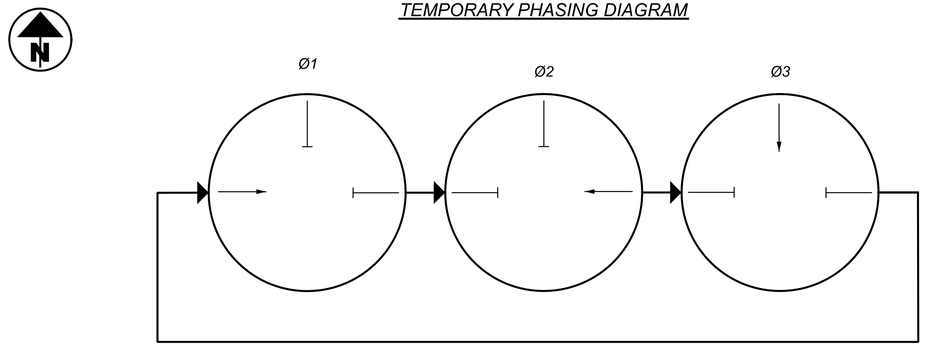
PHASE 4 STAGE 2

INTERSECTION: PALMER ROAD MAINTAINING AGENCY: ODOT					
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.			
INTERSECTION MOVEMENT (PHASE)		1	2	3	4
DIRECTION		WB	EB	NB	SB
MINIMUM GREEN (INITIAL)	(SEC.)	10	10	7	7
PASSAGE TIME	(SEC.)	3.0	3.0	3.0	-
MAXIMUM GREEN I	(SEC.)	39	39	10	8
YELLOW CHANGE	(SEC.)	2.0	2.0	2.0	2.0
ALL RED CLEARANCE	(SEC.)	12.0	12.0	11.0	11.0
MAX CYCLE LENGTH	(SEC.)	150.0			

TEMPORARY PHASING DIAGRAM



TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0272 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:24 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 2

SR 256 / IR 70 WB RAMPS
DURING IR 70 EB EXIT RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

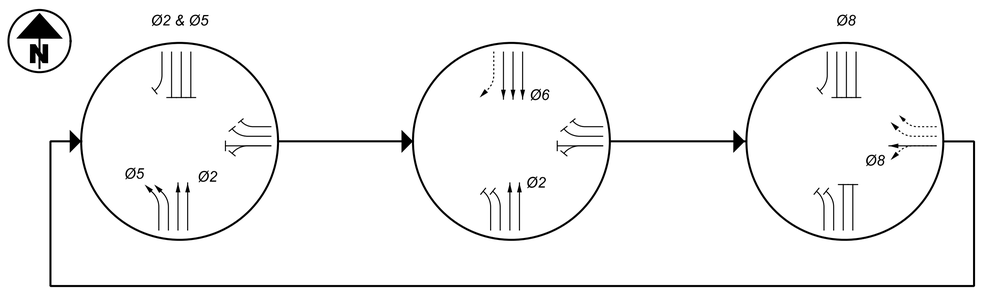
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION				NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)		20	-	-	10	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		34	-	-	47	34	-	24
YELLOW CHANGE		(SEC.)		4.6	-	-	4.3	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)		1.0	-	-	1.0	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)				2	3	4	5	6	7	8
DIRECTION				NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)		20	-	-	10	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)		3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)		35	-	-	45	35	-	25
YELLOW CHANGE		(SEC.)		4.6	-	-	4.3	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)		1.0	-	-	1.0	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)		-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



PHASES 2 & 3

SR 256 / SR 204
DURING IR 70 EB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	28	42	12	44	24	46	34	22
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES	PHASES:			2 & 6		
			REST IN RED:	RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	26	44	7	49	7	63	34	22
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

NOTE:
SR 256 & IR-70 EB RAMP SIGNAL TIMING AND PHASING SHALL MATCH THE PROPOSED SIGNAL PLANS DURING PHASES 2 AND 3.

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0273 TOTAL P.2024

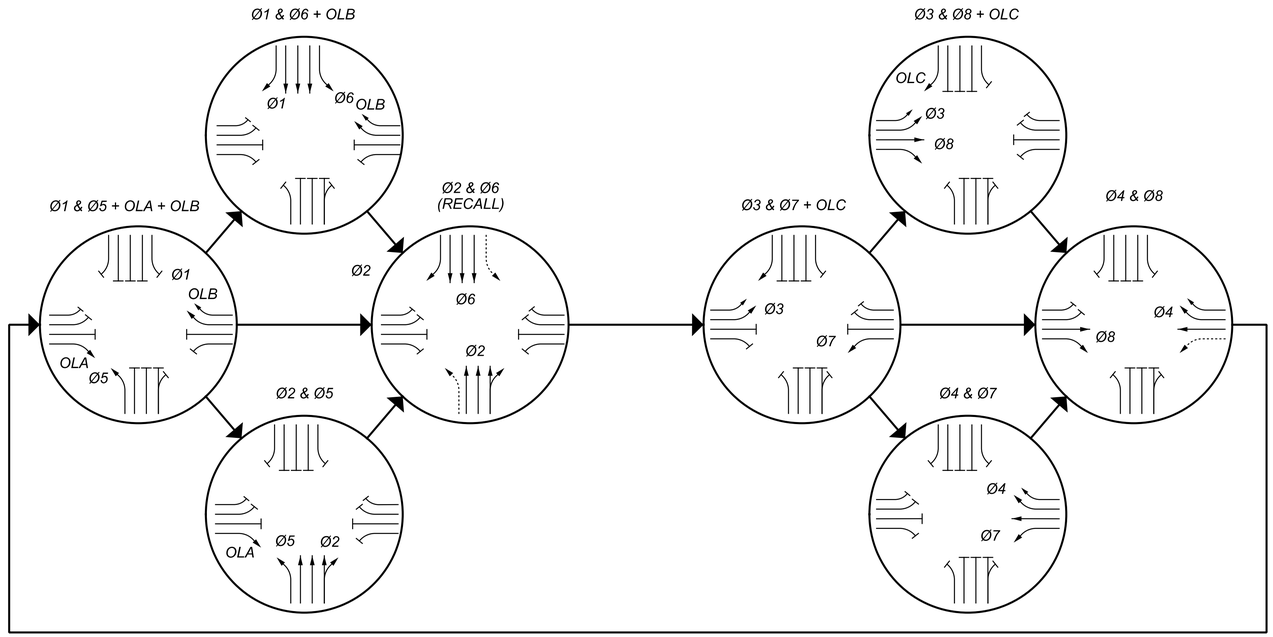
FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:25 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASES 2 & 3

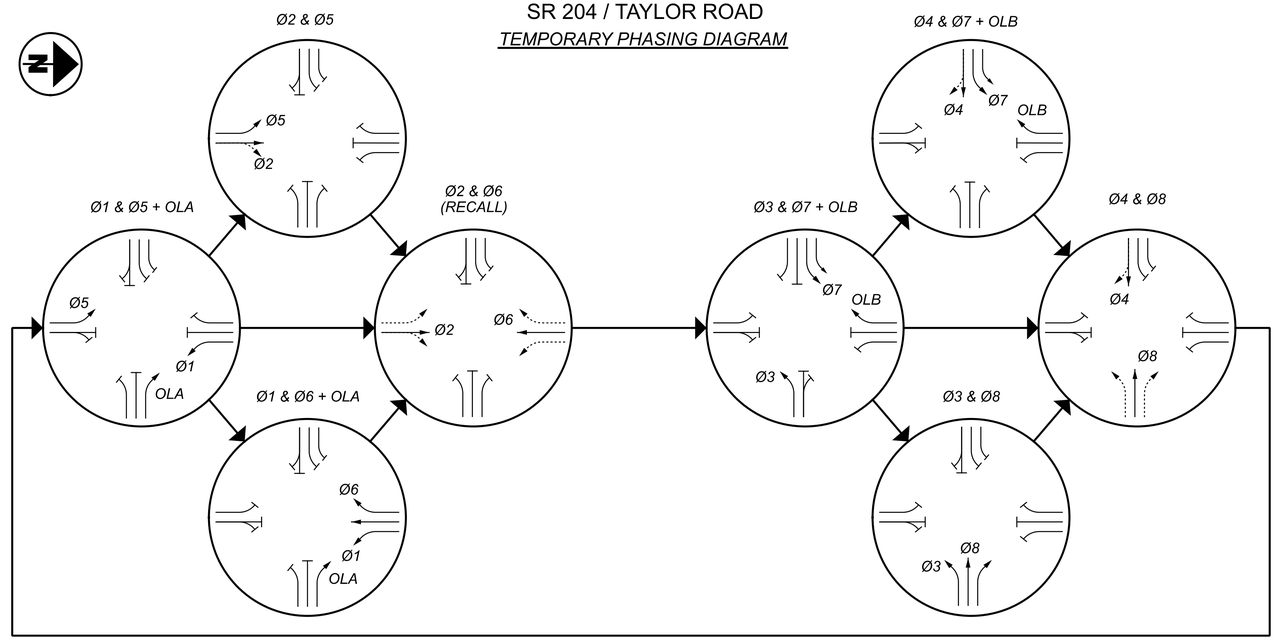
SR 256 / SR 204

TEMPORARY PHASING DIAGRAM



SR 204 / TAYLOR ROAD

TEMPORARY PHASING DIAGRAM



TAYLOR ROAD / SR 204
DURING IR 70 EB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION:	*SR 204 / TAYLOR ROAD*									
MAINTAINING AGENCY:	*OHIO DEPARTMENT OF TRANSPORTATION*									
START UP		*DUAL ENTRY:*	*YES*	*PHASES:*				*2 & 6*		
		REST IN RED:		*RING 1*	-			*RING 2*	-	
START IN:	*ALL-RED FLASH*	*OVERLAP*				*A*	*B*	*C*	*D*	
TIME FOR: FLASH , ALL RED (SEC.):	*9, 6*									
FIRST PHASE(S):	*Ø2 & Ø6*	*PHASES*				*Ø5*	*Ø7*	-	-	
COLOR DISPLAYED:	*GREEN*									
INTERVAL OR FEATURE					*CONTROLLER MOVEMENT NO.*					
INTERSECTION MOVEMENT (PHASE)					*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
DIRECTION					*SB LT*	*NB*	*WB LT*	*EB*	*NB LT*	*SB*	*EB LT*	*WB*
MINIMUM GREEN (INITIAL)				*(SEC.)*	*7*	*20*	*7*	*10*	*7*	*20*	*7*	*10*
PASSAGE TIME (PRESET GAP)				*(SEC.)*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*
MAXIMUM GREEN I				*(SEC.)*	*12*	*25*	*10*	*49*	*10*	*27*	*24*	*35*
YELLOW CHANGE				*(SEC.)*	*4.2*	*5.1*	*3.8*	*4.7*	*4.2*	*5.1*	*3.8*	*4.7*
ALL RED CLEARANCE				*(SEC.)*	*1.7*	*1.0*	*2.5*	*1.0*	*1.7*	*1.0*	*2.5*	*1.0*
RECALL	*MAXIMUM*			*(ON/OFF)*	-	-	-	-	-	-	-	-
	MINIMUM			*(ON/OFF)*	-	*YES*	-	-	-	*YES*	-	-
	PEDESTRIAN			*(ON/OFF)*	-	-	-	-	-	-	-	-
MEMORY				*(ON/OFF)*	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION:	*SR 204 / TAYLOR ROAD*									
MAINTAINING AGENCY:	*OHIO DEPARTMENT OF TRANSPORTATION*									
START UP		*DUAL ENTRY:*	*YES*	*PHASES:*				*2 & 6*		
		REST IN RED:		*RING 1*	-			*RING 2*	-	
START IN:	*ALL-RED FLASH*	*OVERLAP*				*A*	*B*	*C*	*D*	
TIME FOR: FLASH , ALL RED (SEC.):	*9, 6*									
FIRST PHASE(S):	*Ø2 & Ø6*	*PHASES*				*Ø5*	*Ø7*	-	-	
COLOR DISPLAYED:	*GREEN*									
INTERVAL OR FEATURE					*CONTROLLER MOVEMENT NO.*					
INTERSECTION MOVEMENT (PHASE)					*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
DIRECTION					*SB LT*	*NB*	*WB LT*	*EB*	*NB LT*	*SB*	*EB LT*	*WB*
MINIMUM GREEN (INITIAL)				*(SEC.)*	*7*	*20*	*7*	*10*	*7*	*20*	*7*	*10*
PASSAGE TIME (PRESET GAP)				*(SEC.)*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*	*3.0*
MAXIMUM GREEN I				*(SEC.)*	*16*	*24*	*10*	*66*	*10*	*30*	*29*	*47*
YELLOW CHANGE				*(SEC.)*	*4.2*	*5.1*	*3.8*	*4.7*	*4.2*	*5.1*	*3.8*	*4.7*
ALL RED CLEARANCE				*(SEC.)*	*1.7*	*1.0*	*2.5*	*1.0*	*1.7*	*1.0*	*2.5*	*1.0*
RECALL	*MAXIMUM*			*(ON/OFF)*	-	-	-	-	-	-	-	-
	MINIMUM			*(ON/OFF)*	-	*YES*	-	-	-	*YES*	-	-
	PEDESTRIAN			*(ON/OFF)*	-	-	-	-	-	-	-	-
MEMORY				*(ON/OFF)*	-	-	-	-	-	-	-	-

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0274 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:26 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 3

TEMPORARY SIGNAL TIMING CHART

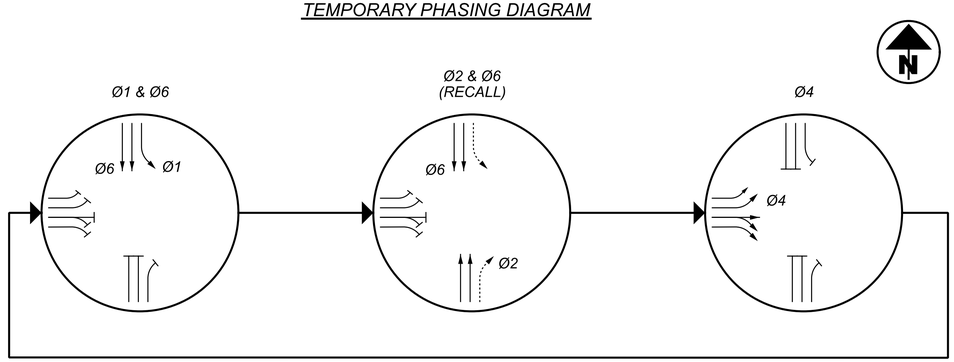
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES		PHASES:		2 & 6			
		REST IN RED:		RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6	PHASES				-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I	(SEC.)	22	41	-	39	-	69	-	-
YELLOW CHANGE	(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE	(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP		DUAL ENTRY: YES		PHASES:		2 & 6			
		REST IN RED:		RING 1	-		RING 2	-	
START IN:	ALL-RED FLASH	OVERLAP				A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6	PHASES				-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I	(SEC.)	10	48	-	44	-	64	-	-
YELLOW CHANGE	(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE	(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0275 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:27 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 4

SR 256 / IR 70 WB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

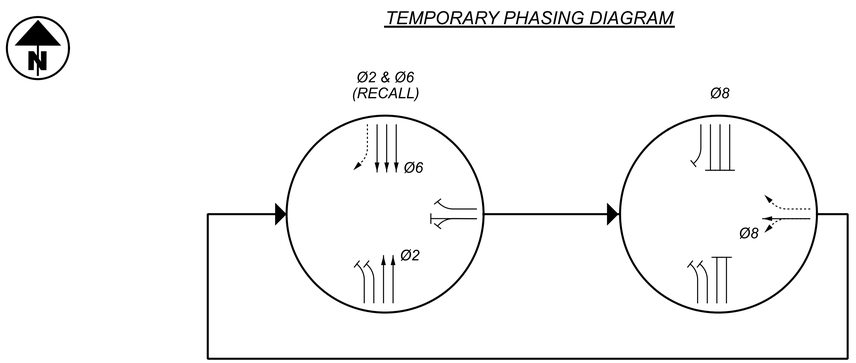
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	-	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	-	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	-	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	88	-	-	-	88	-	22
YELLOW CHANGE		(SEC.)	-	4.6	-	-	-	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	-	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES				-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	-	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	-	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	-	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	84	-	-	-	84	-	26
YELLOW CHANGE		(SEC.)	-	4.6	-	-	-	4.6	-	3.5
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	-	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



SR 256 / IR 70 EB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

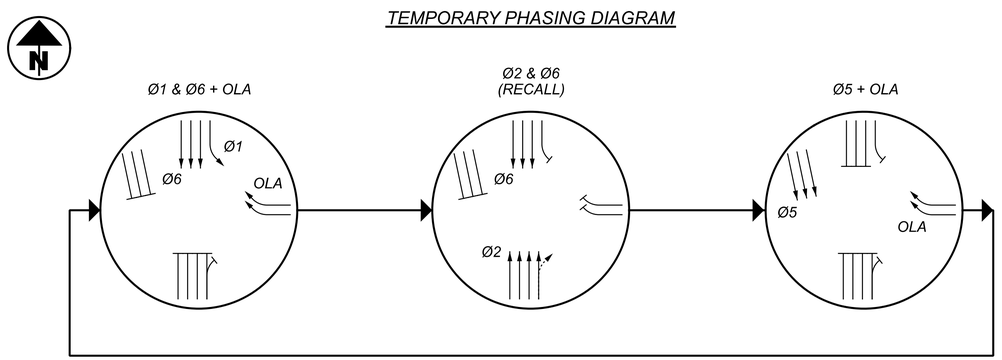
ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø1&Ø5	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	15	58	-	-	30	79	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø1&Ø5	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	19	54	-	-	30	79	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)		-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0276 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 7 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:27 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

PHASE 4

SR 256 / SR 204
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	35	34	9	48	30	39	32	25
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / SR 204									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	Ø7	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	40	37	7	42	11	66	25	24
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

SR 256 / TAYLOR ROAD SW
DURING IR-70 WB EXIT RAMP CLOSURE ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 256 / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	10	34	28	24	16	28	10	42
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 256 / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø3	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	10	34	35	17	13	31	10	42
YELLOW CHANGE		(SEC.)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ALL RED CLEARANCE		(SEC.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM

SEE NEXT SHEET

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 8 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:28 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY
GANNETT FLEMING

DESIGNER
CJM

REVIEWER
DRJ 04-15-25

PROJECT ID
96808

SHEET P.0277 TOTAL P.2024

PHASE 4

SR 256 / SR 204

TEMPORARY PHASING DIAGRAM

SR 256 / TAYLOR ROAD SW

TEMPORARY PHASING DIAGRAM

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 9 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:29 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0278 TOTAL P.2024

PHASE 4

TAYLOR ROAD / IR 70 WB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

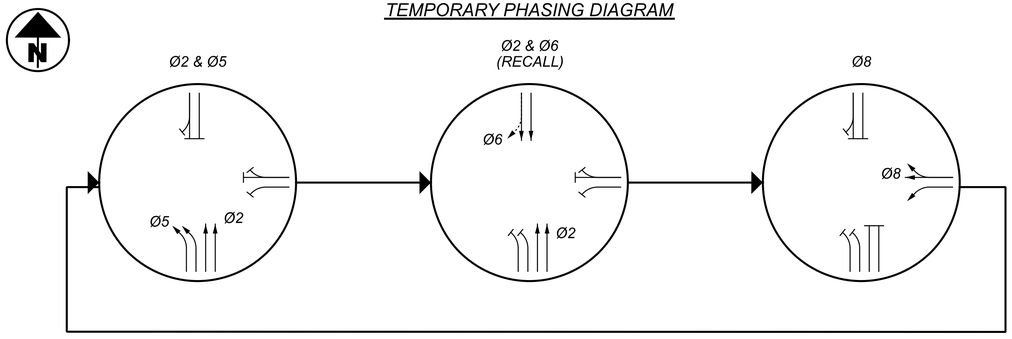
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	67	-	-	41	21	-	41
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
MAXIMUM GREEN I		(SEC.)	-	60	-	-	34	20	-	49
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



TAYLOR ROAD / IR 70 EB RAMPS
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY
TEMPORARY SIGNAL TIMING CHART

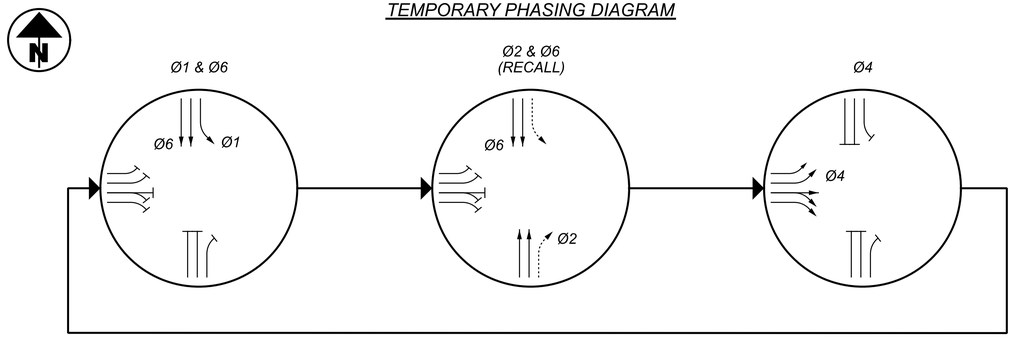
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I		(SEC.)	14	49	-	39	-	69	-	-
YELLOW CHANGE		(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE		(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:		2 & 6		
			REST IN RED:		RING 1	-	RING 2	-	
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			-	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	10	-	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
MAXIMUM GREEN I		(SEC.)	10	31	-	61	-	46	-	-
YELLOW CHANGE		(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE		(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

MODEL: MOT SIGNAL 10 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:00:29 PM USER: borr
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\406-Engineering_GannettFleming\MOT\Sheets\96808_MC002.dgn

DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM
REVIEWER DRJ 04-15-25
PROJECT ID 96808
SHEET P.0279 TOTAL P.2024

PHASE 4

TAYLOR ROAD / TAYLOR ROAD SW
DURING IR-70 WB EXIT RAMP CLOSURE ONLY

TEMPORARY SIGNAL TIMING CHART

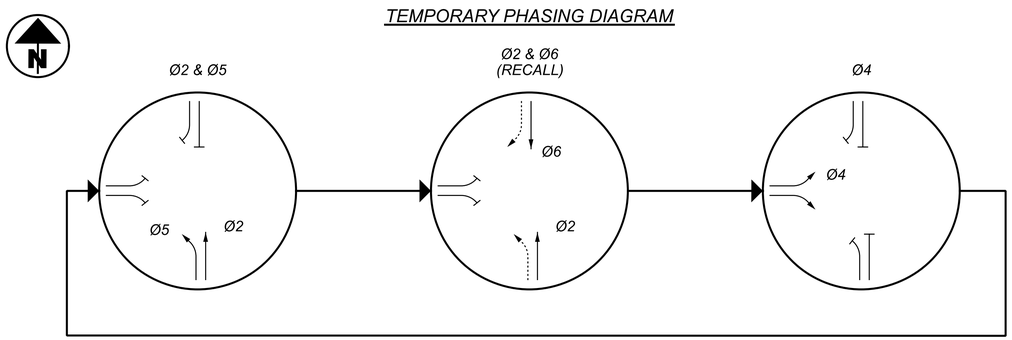
ALL HOURS EXCEPT BELOW

INTERSECTION: TAYLOR RD / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø4 & Ø6	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	10	7	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	-	83	-	25	23	54	-	-
YELLOW CHANGE		(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE		(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: TAYLOR RD / TAYLOR RD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø4 & Ø6	-	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	10	7	20	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
MAXIMUM GREEN I		(SEC.)	-	78	-	31	38	33	-	-
YELLOW CHANGE		(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE		(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

TEMPORARY PHASING DIAGRAM



SR 204 / TAYLOR ROAD
DURING IR 70 WB ENTRANCE RAMP CONSTRUCTION ONLY

TEMPORARY SIGNAL TIMING CHART

ALL HOURS EXCEPT BELOW

INTERSECTION: SR 204 / TAYLOR ROAD									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø7	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	13	20	7	56	7	26	26	37
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

2 PM - 7 PM

INTERSECTION: SR 204 / TAYLOR ROAD									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN:	ALL-RED FLASH		OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):	9, 6								
FIRST PHASE(S):	Ø2 & Ø6		PHASES			Ø5	Ø7	-	-
COLOR DISPLAYED:	GREEN								
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MAXIMUM GREEN I		(SEC.)	36	20	7	63	7	49	22	48
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	YES	-	-	-	YES	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

PHASING DIAGRAM
SEE SHEET P.1406

MAINTENANCE OF TRAFFIC TEMPORARY TRAFFIC SIGNAL TIMING AND PHASING

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
GANNETT FLEMING

DESIGNER CJM

REVIEWER DRJ 04-15-25

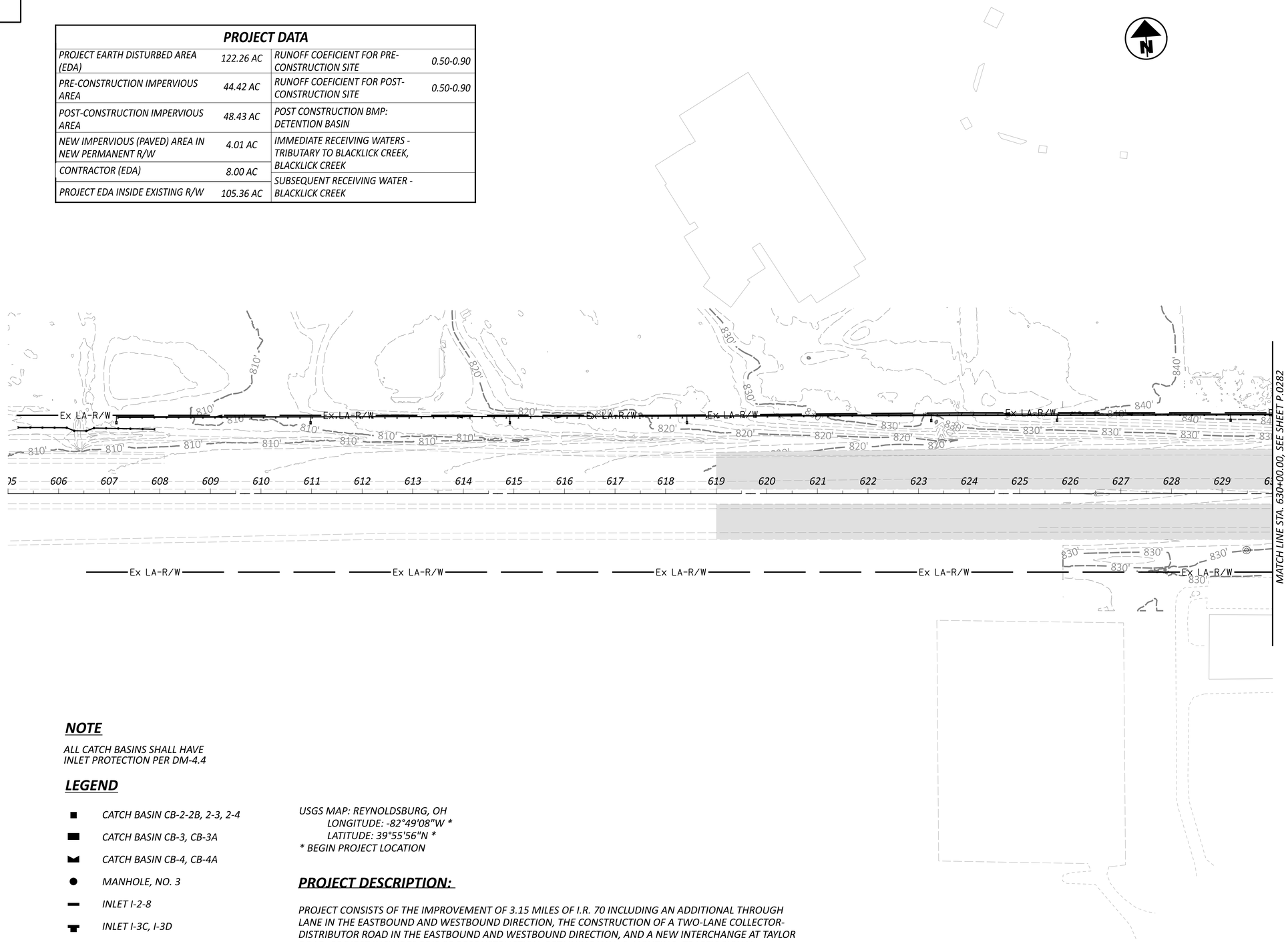
PROJECT ID 96808

SHEET P.0280 TOTAL P.2024

LEGEND

- OVERLAY/PLANING

PROJECT DATA			
PROJECT EARTH DISTURBED AREA (EDA)	*122.26 AC*	*RUNOFF COEFICIENT FOR PRE-CONSTRUCTION SITE*	*0.50-0.90*
PRE-CONSTRUCTION IMPERVIOUS AREA	*44.42 AC*	*RUNOFF COEFICIENT FOR POST-CONSTRUCTION SITE*	*0.50-0.90*
POST-CONSTRUCTION IMPERVIOUS AREA	*48.43 AC*	*POST CONSTRUCTION BMP: DETENTION BASIN*	
NEW IMPERVIOUS (PAVED) AREA IN NEW PERMANENT R/W	*4.01 AC*	*IMMEDIATE RECEIVING WATERS - TRIBUTARY TO BLACKLICK CREEK, BLACKLICK CREEK*	
CONTRACTOR (EDA)	*8.00 AC*	*SUBSEQUENT RECEIVING WATER - BLACKLICK CREEK*	
PROJECT EDA INSIDE EXISTING R/W	*105.36 AC*		



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- *CATCH BASIN CB-2-2B, 2-3, 2-4*
- *CATCH BASIN CB-3, CB-3A*
- *CATCH BASIN CB-4, CB-4A*
- *MANHOLE, NO. 3*
- *INLET I-2-8*
- *INLET I-3C, I-3D*

USGS MAP: REYNOLDSBURG, OH
*LONGITUDE: -82°49'08"W **
*LATITUDE: 39°55'56"N **
** BEGIN PROJECT LOCATION*

PROJECT DESCRIPTION:

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD. PROJECT INCLUDES BRIDGE RECONSTRUCTION, RETAINING WALLS, LIGHTING, TRAFFIC SIGNAL INSTALLATION, DRAINAGE, AND TRAFFIC CONTROL.

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 605+00.00 TO STA. 630+00.00

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0281
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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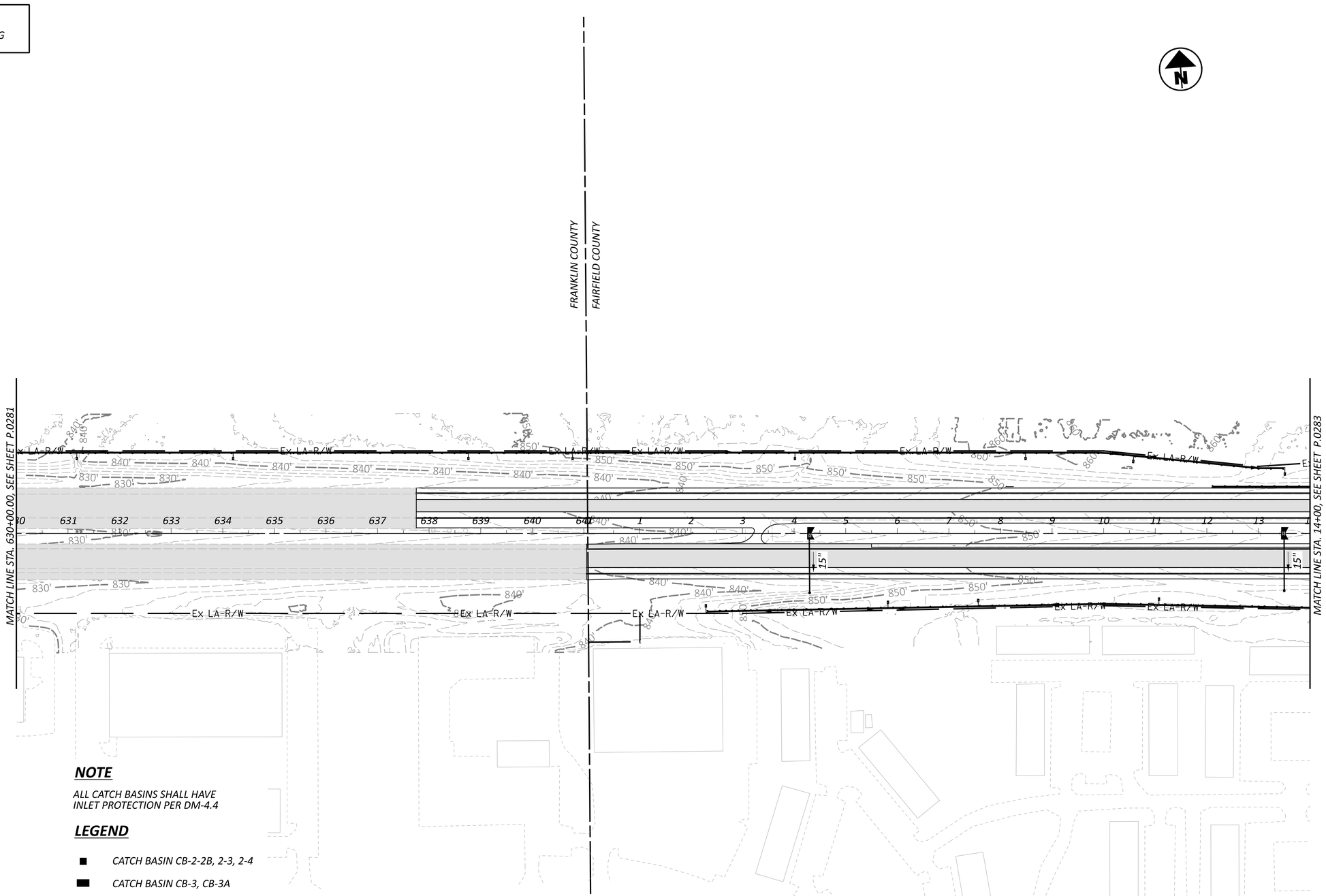
LEGEND

- OVERLAY/PLANING



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET

0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 630+00.00 TO STA. 14+00.00

DESIGN AGENCY

CARPENTER MARTY transportation

DESIGNER WCS

REVIEWER BAA 08/07/26

PROJECT ID 96808

SHEET P.0282 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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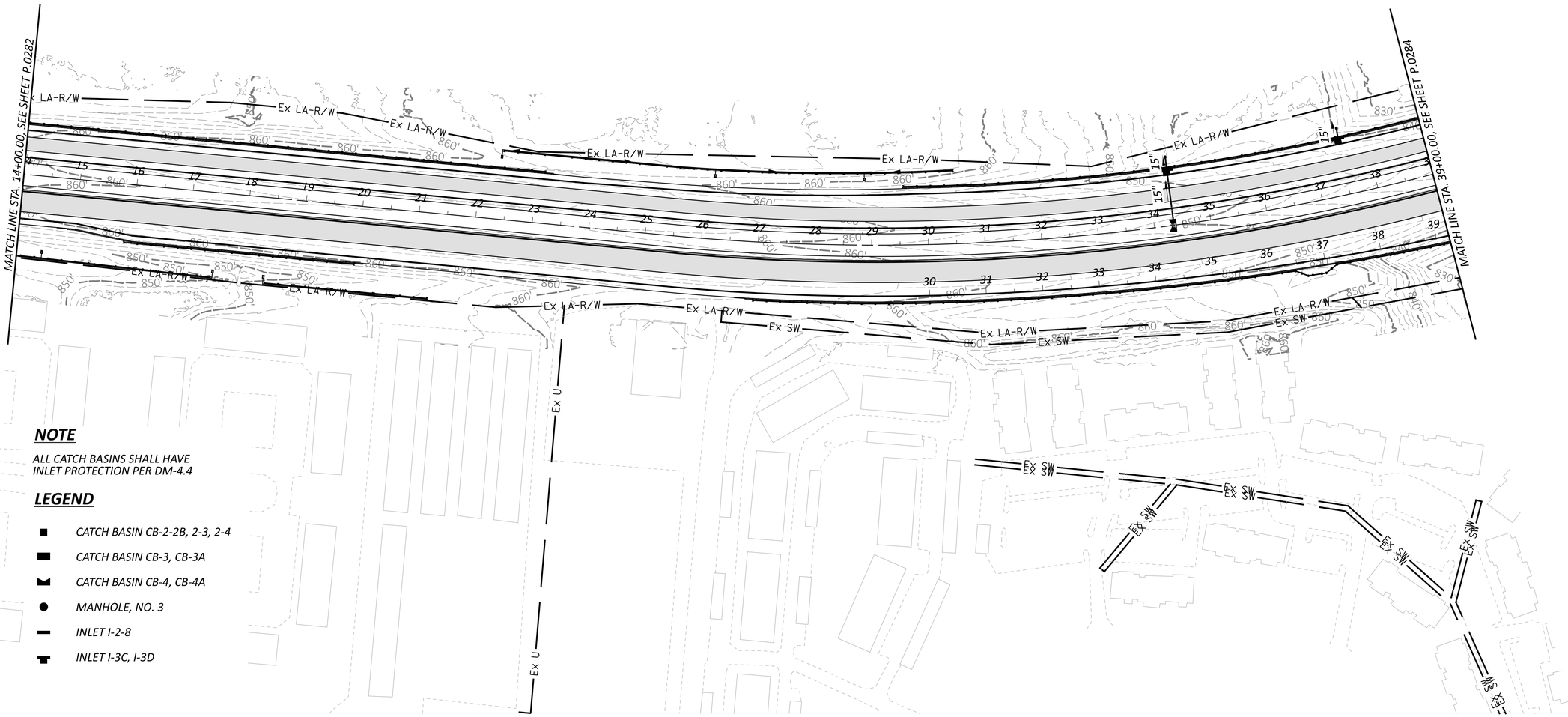
LEGEND

- OVERLAY/PLANING



NOTE

ALL CATCH BASINS SHALL HAVE
INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL
SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 14+00.00 TO STA. 39+00.00

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER WCS
REVIEWER BAA 08/07/26
PROJECT ID 96808
SHEET P.0283 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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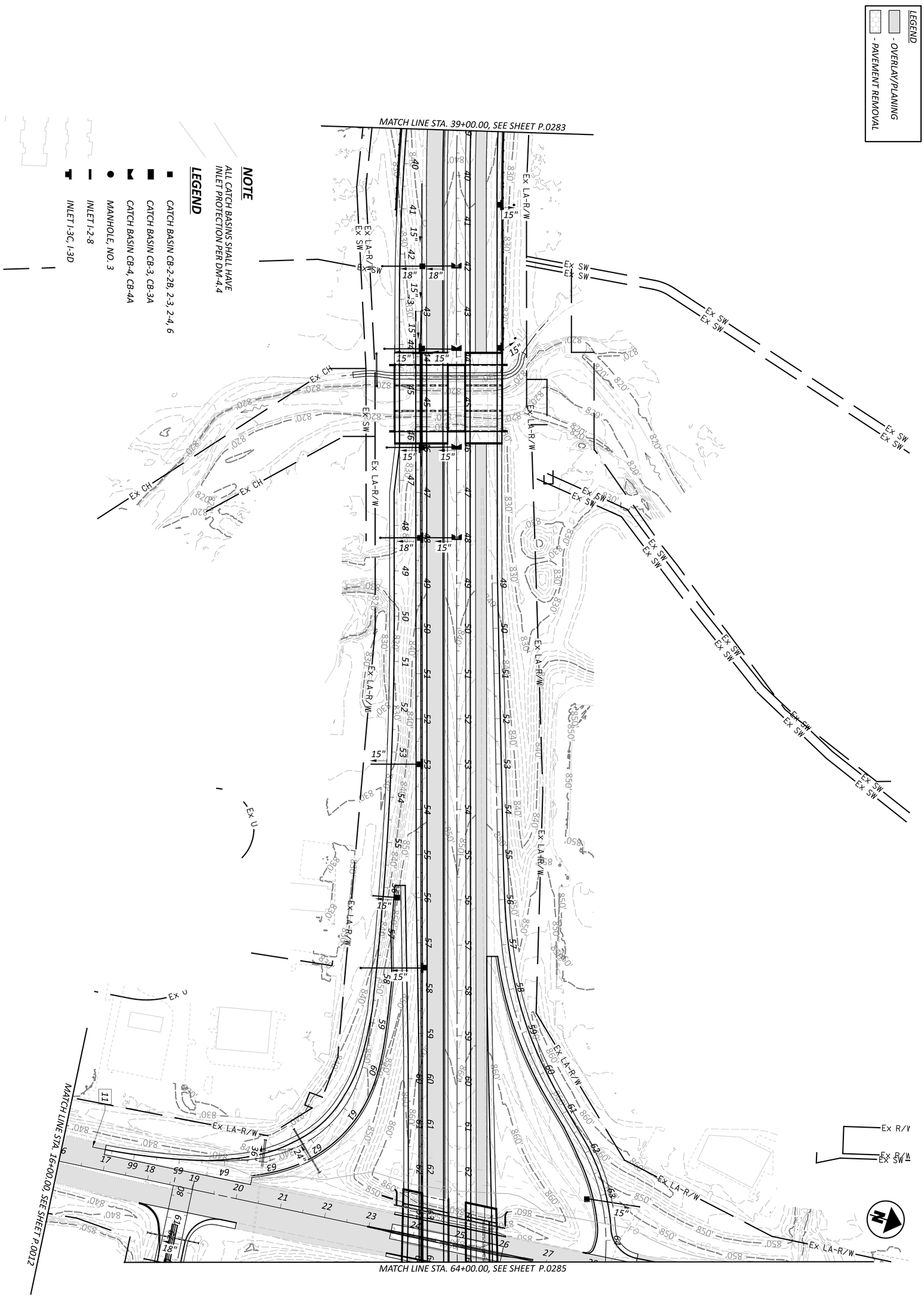

SHEET P.0284 TOTAL P.2024	PROJECT ID 96808	REVIEWER WCS 08/07/26	DESIGNER BAA	DESIGN AGENCY CARPENTER MARTY transportation	PROJECT SITE PLAN - IR 70 STA. 39+00.00 TO STA. 64+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

LEGEND

- OVERLAY/PLANING

MATCH LINE STA. 35+00.00, SEE SHEET P.0291

MATCH LINE STA. 64+00.00, SEE SHEET P.0284

MATCH LINE STA. 89+00.00, SEE SHEET P.0286

Ex R/W

Ex U

Ex LA-R/W

15"

18"

NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET

0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 64+00.00 TO STA. 89+00.00

DESIGN AGENCY

CARPENTER MARTY transportation

DESIGNER	BAA
REVIEWER	WCS 08/07/26
PROJECT ID	96808
SHEET	P.0285
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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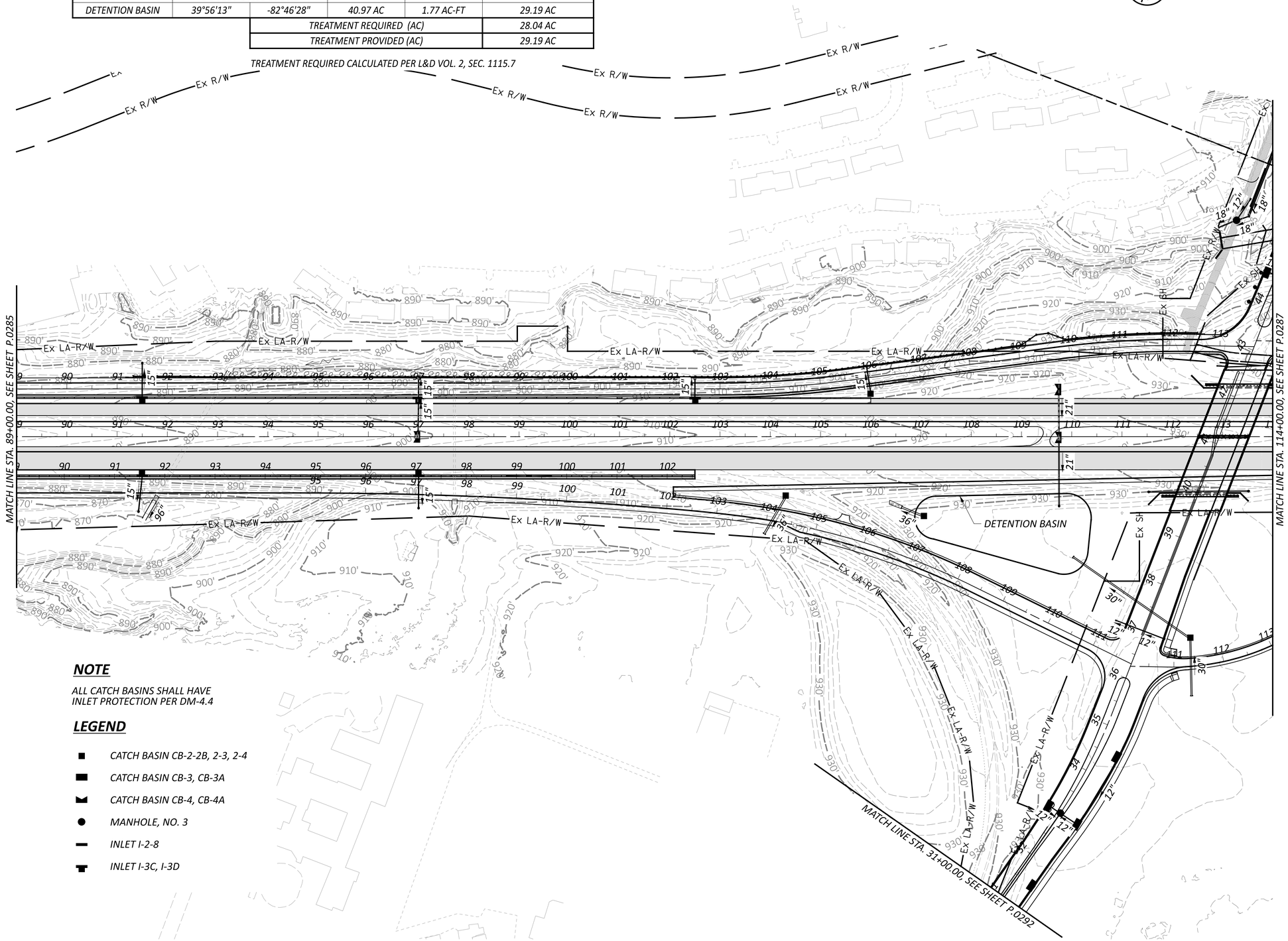
LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL

BMP TYPE	LATITUDE/LONGITUDE OUTLET STRUCTURE		DRAINAGE AREA	WQV	EDA TREATMENT CREDIT (ACRES)
DETENTION BASIN	39°56'13"	-82°46'28"	40.97 AC	1.77 AC-FT	29.19 AC
			TREATMENT REQUIRED (AC)		28.04 AC
			TREATMENT PROVIDED (AC)		29.19 AC

TREATMENT REQUIRED CALCULATED PER L&D VOL. 2, SEC. 1115.7



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 89+00.00 TO STA. 114+00.00

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0286
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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LEGEND

- OVERLAY/PLANING

MATCH LINE STA. 48+00.00, SEE SHEET P.0293

MATCH LINE STA. 114+00.00, SEE SHEET P.0286

MATCH LINE STA. 139+00.00, SEE SHEET P.0288

Ex LA-R/W

Ex U

Ex SW

Ex R/W

18"

24"

27"

NOTE

ALL CATCH BASINS SHALL HAVE
INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 114+00.00 TO STA. 139+00.00

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0287
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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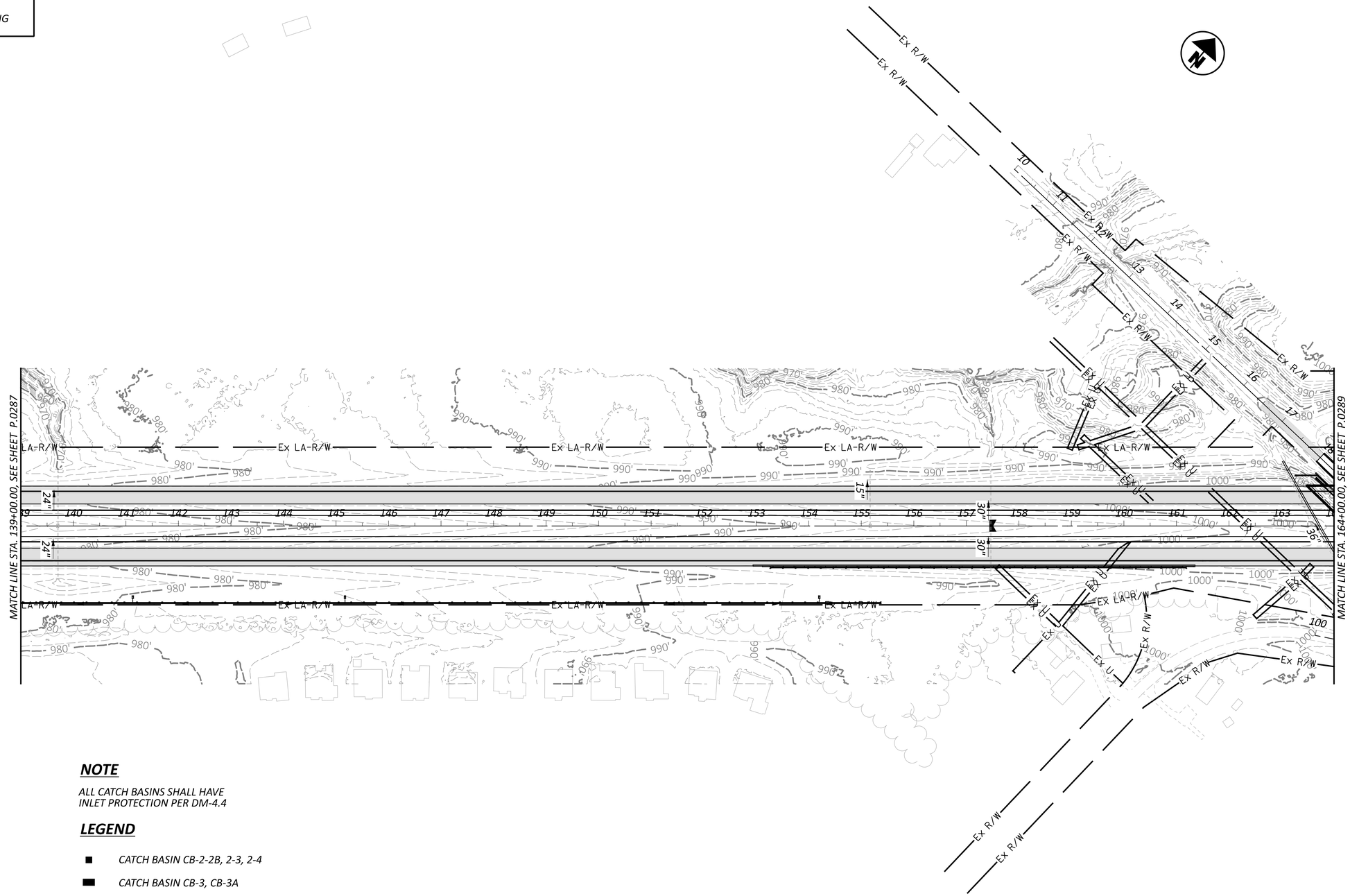

NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- *CATCH BASIN CB-2-2B, 2-3, 2-4*
- *CATCH BASIN CB-3, CB-3A*
- *CATCH BASIN CB-4, CB-4A*
- *MANHOLE, NO. 3*
- *INLET I-2-8*
- *INLET I-3C, I-3D*

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 139+00.00 TO STA. 164+00.00

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0288
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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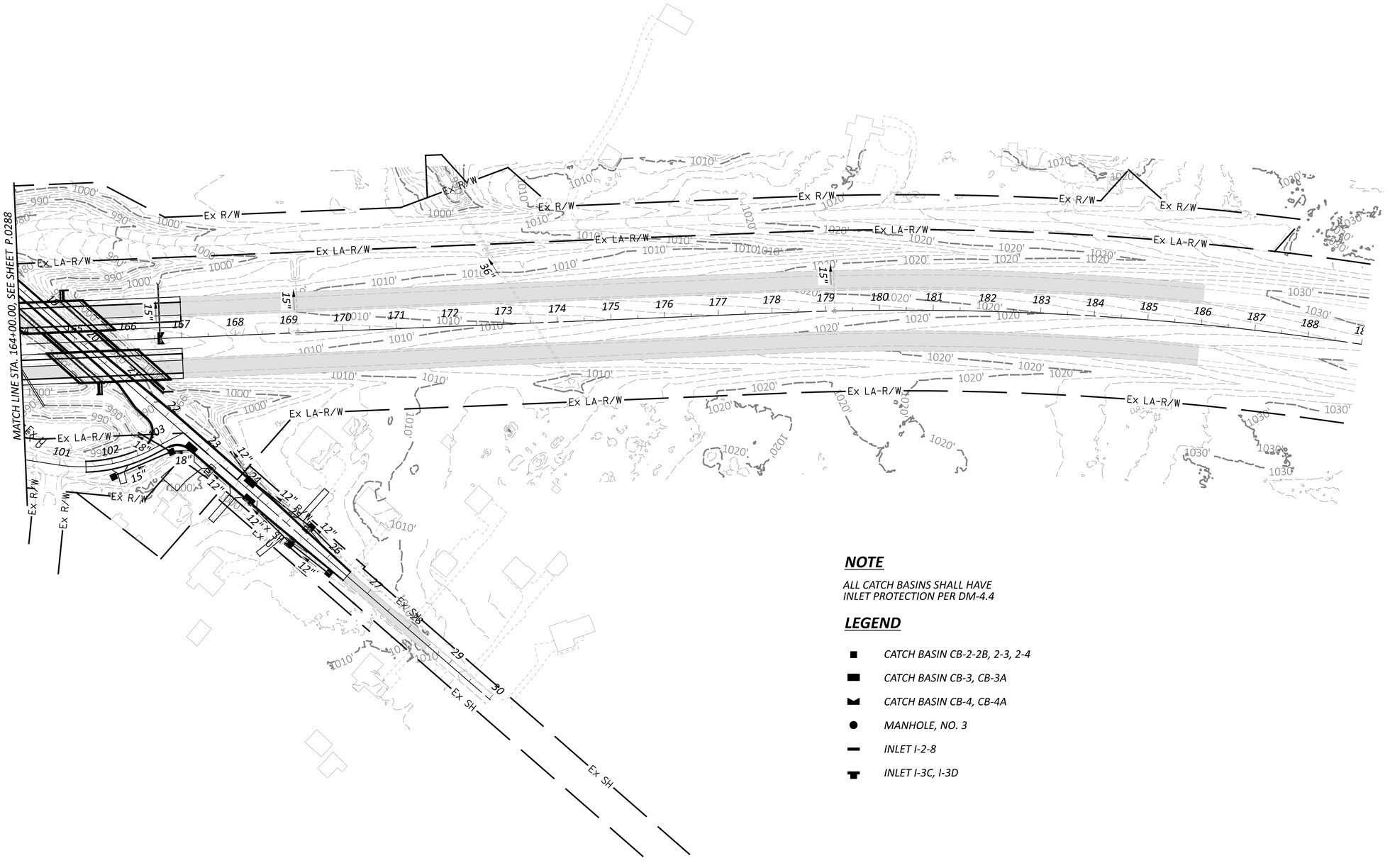
LEGEND

- OVERLAY/PLANING



NOTE

ALL CATCH BASINS SHALL HAVE
INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - IR 70
STA. 164+00.00 TO STA. 189+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0289
TOTAL	P.2024

LEGEND

- OVERLAY/PLANING



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET

0 50 100 200

PROJECT SITE PLAN - SR 256
STA. 0+00.00 TO STA. 16+00.00

DESIGN AGENCY

CARPENTER MARTY transportation

DESIGNER WCS

REVIEWER BAA 08/07/26

PROJECT ID 96808

SHEET P.0290 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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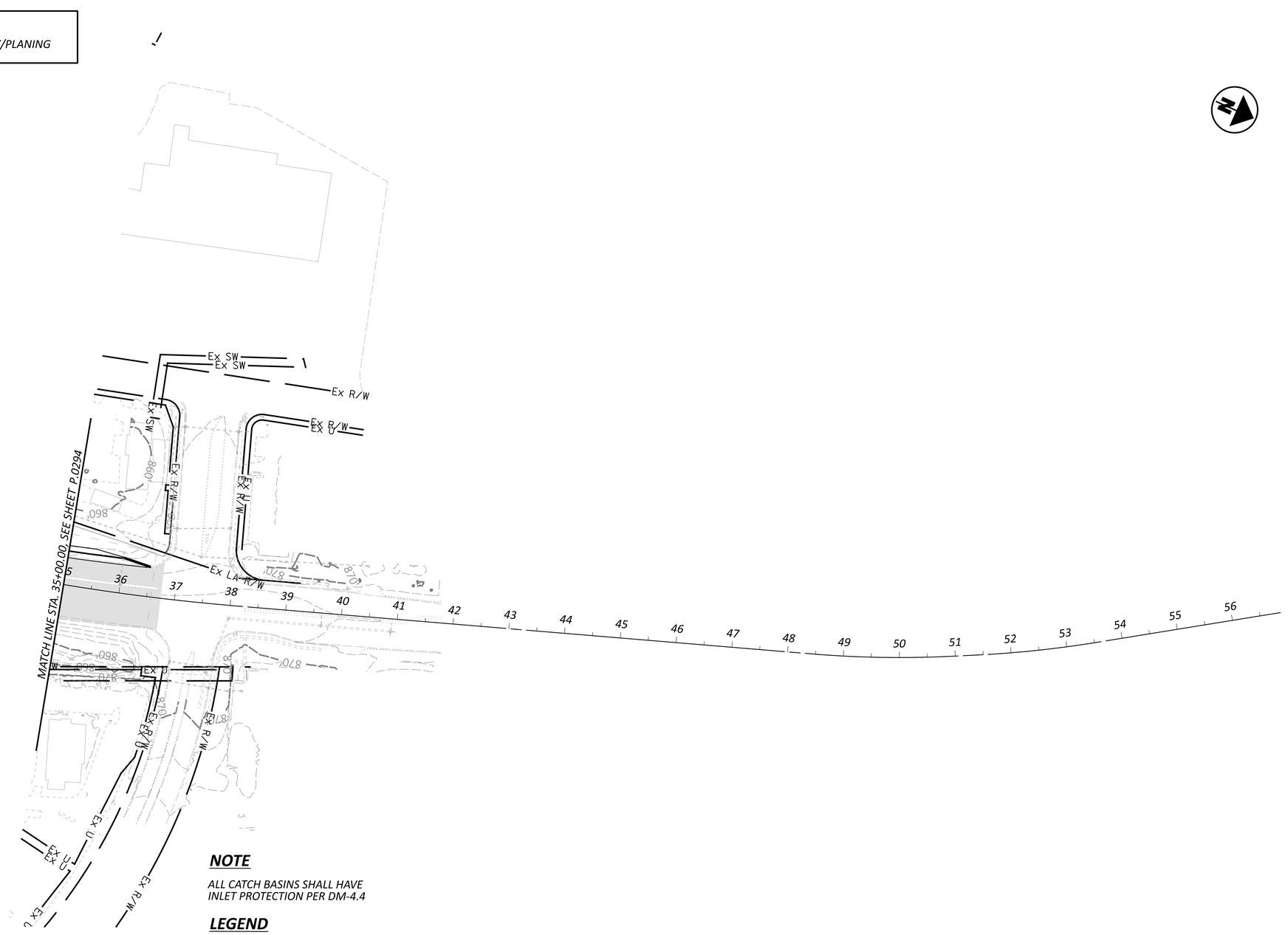
LEGEND

- OVERLAY/PLANING



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET

0 50 100 200

PROJECT SITE PLAN - SR 256
STA. 35+00.00 TO STA. 56+86.76

DESIGN AGENCY

CARPENTER MARTY transportation

DESIGNER WCS

REVIEWER BAA 08/07/26

PROJECT ID 96808

SHEET P.0291 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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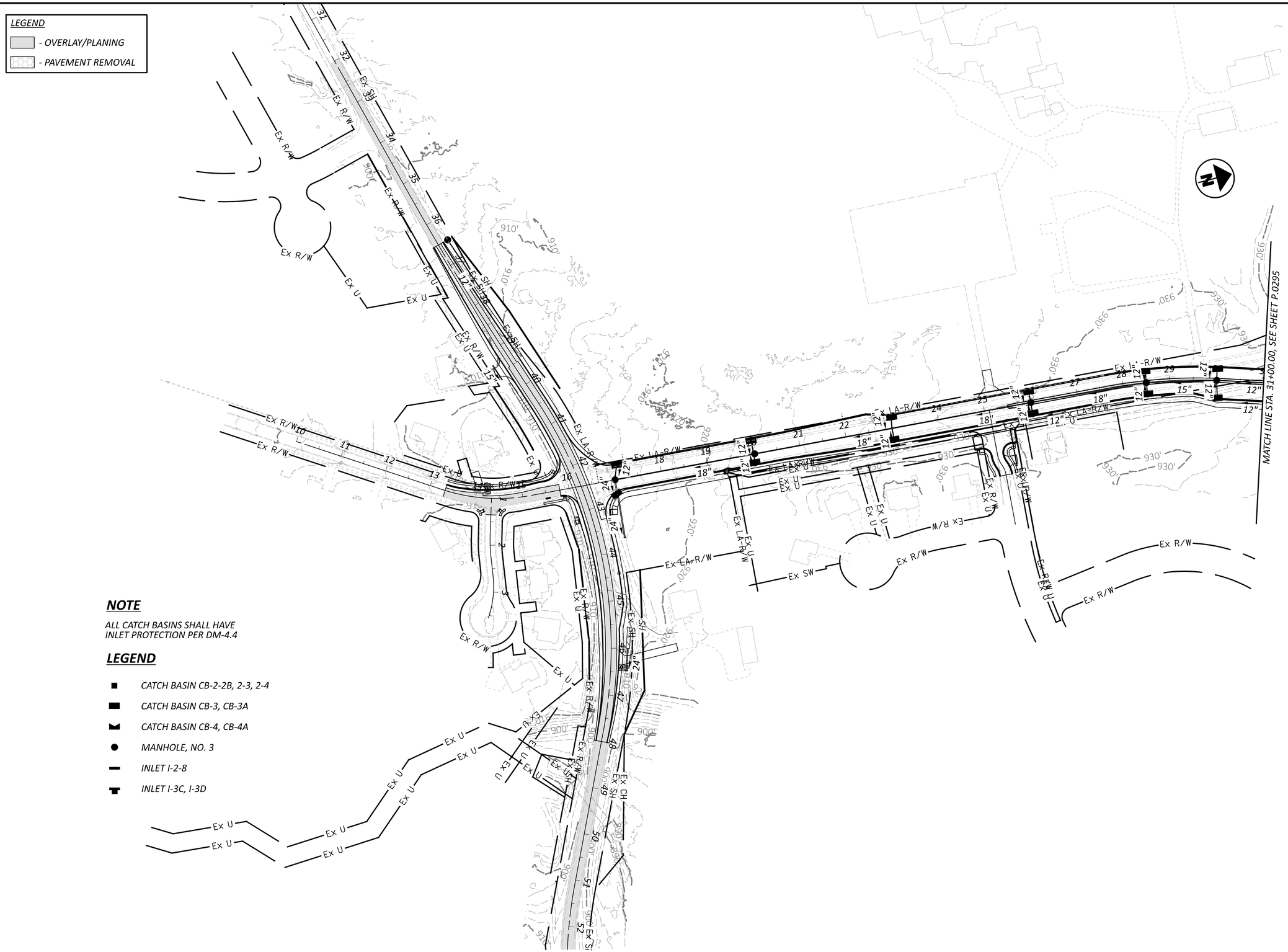

HORIZONTAL SCALE IN FEET
0 50 100 200

PROJECT SITE PLAN - TAYLOR RD
STA. 10+00.00 TO STA. 31+00.00

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	WCS
REVIEWER	BAA 08/07/26
PROJECT ID	96808
SHEET	P.0292
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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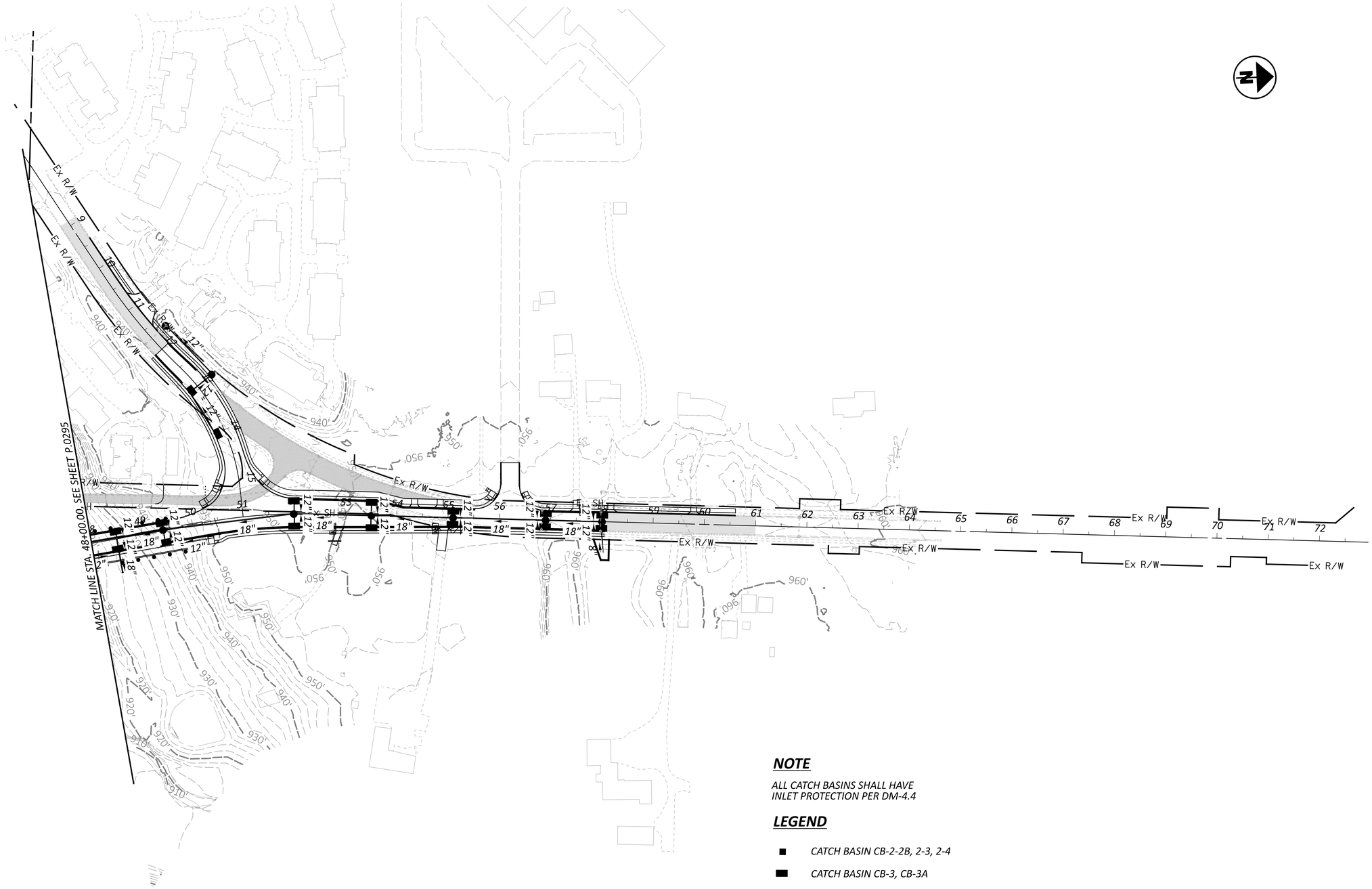
LEGEND

- PAVEMENT REMOVAL



NOTE

ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4

LEGEND

- CATCH BASIN CB-2-2B, 2-3, 2-4
- CATCH BASIN CB-3, CB-3A
- CATCH BASIN CB-4, CB-4A
- MANHOLE, NO. 3
- INLET I-2-8
- INLET I-3C, I-3D

HORIZONTAL SCALE IN FEET

0 50 100 200

PROJECT SITE PLAN - TAYLOR RD
STA. 48+00.00 TO STA. 72+94.88

DESIGN AGENCY

CARPENTER MARTY transportation

DESIGNER WCS

REVIEWER BAA 08/07/26

PROJECT ID 96808

SHEET P.0293 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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MODEL: CLP_S256 - Plan 1-1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:37:27 PM USER: backel
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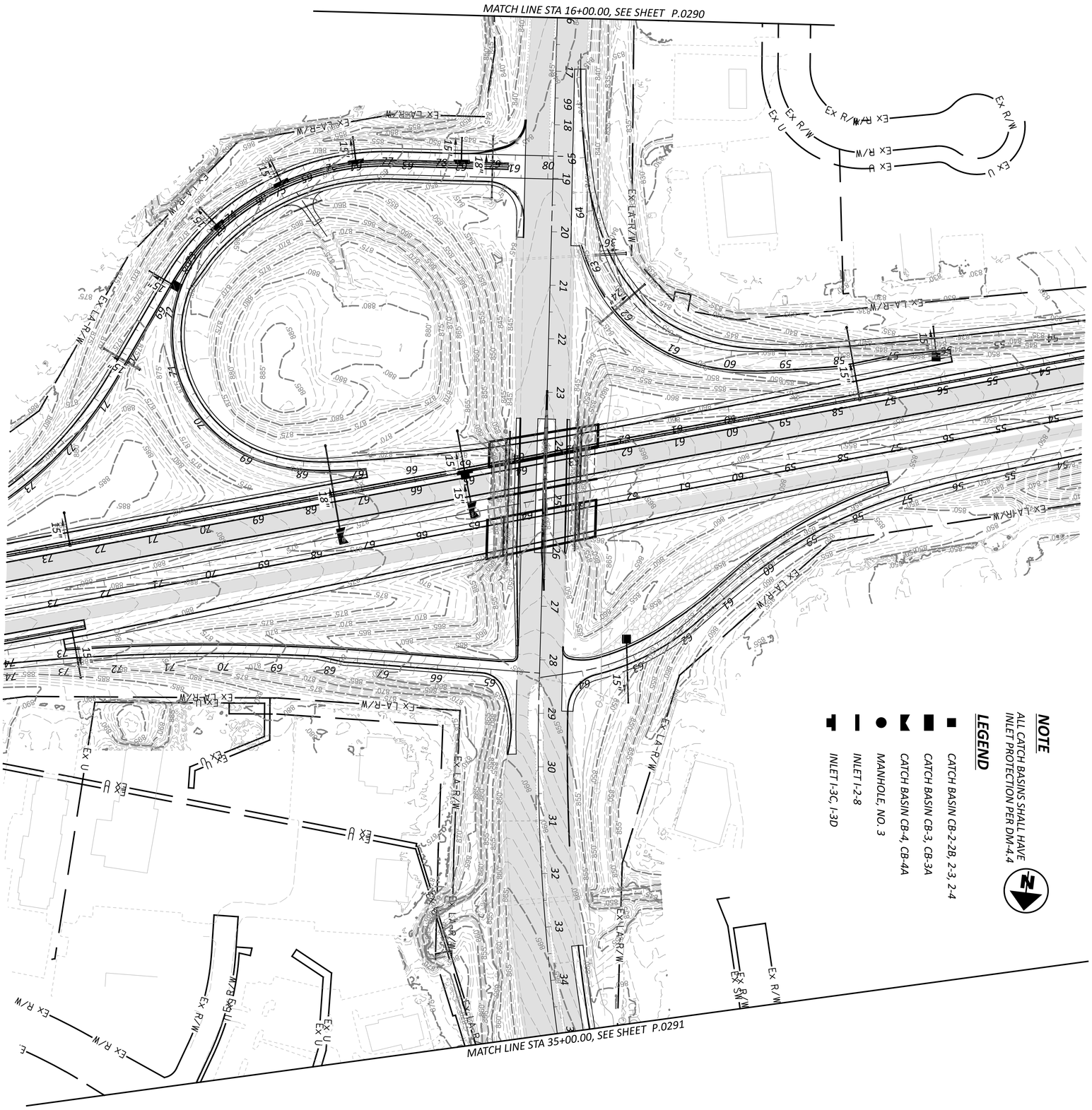


SHEET	TOTAL
P 0294	P 2024

PROJECT ID: 96808

REVIEWER: BAA 08/07/26

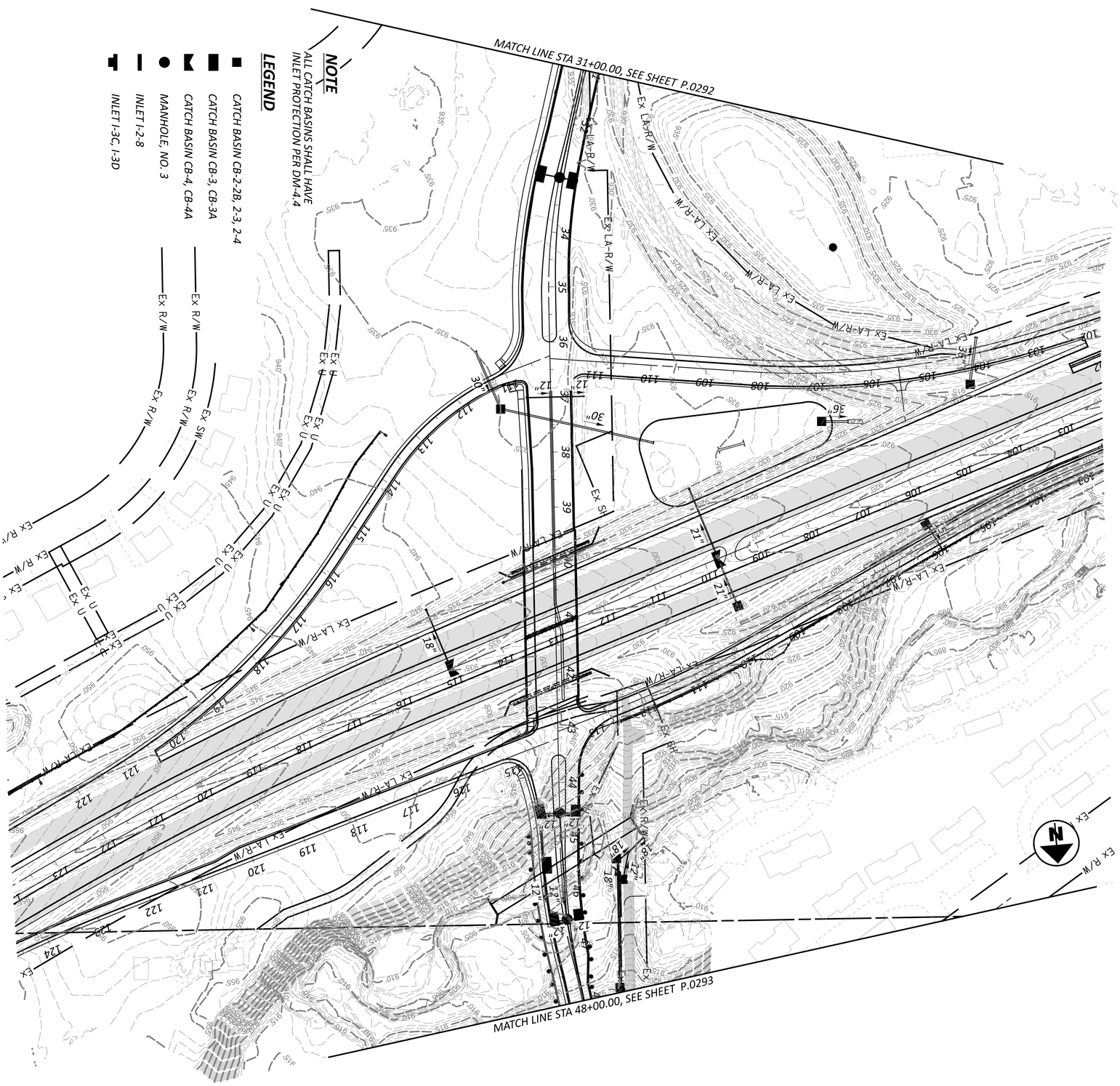
DESIGNER: WCS

DESIGN AGENCY: CARPENTER MARTY transportation

PROJECT SITE PLAN - SR 256
STA 16+00.00 TO STA 35+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:37:43 PM USER: backel
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DE016.dgn


MATCH LINE STA 31+00.00, SEE SHEET P.0292
MATCH LINE STA 48+00.00, SEE SHEET P.0293
NOTE
ALL CATCH BASINS SHALL HAVE INLET PROTECTION PER DM-4.4
LEGEND
CATCH BASIN CB-2-2B, 2-3, 2-4
CATCH BASIN CB-3, CB-3A
CATCH BASIN CB-4, CB-4A
MANHOLE, NO. 3
INLET I-2-8
INLET I-3C, I-3D
Ex R/W
Ex U
Ex SW
Ex LA-R/W
Ex SL
Ex CA-R/W
Ex CA-H/W
Ex LA-H/W
Ex LA-T/W
Ex CA-T/W
Ex LA-T/W
Ex LA-R

LEGEND
- OVERLAY/PLANING
- CONSTRUCTION LIMITS

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 060-004736.00
REYNOLDSBURG CITY SCHOOL DISTRICT
BD OF EDUCATION
BALDWIN DRIVE

PID: 060-004738.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS
AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
TUSSING ROAD

BEGIN WORK
STA. 619+00.00

CITY OF REYNOLDSBURG
TRURO TOWNSHIP
CITY OF REYNOLDSBURG
CITY OF COLUMBUS
Ex LA R/W

DND
POT STA. 630+00.00
82.0'
90.0'
619 620 621 622 623 624 625 626 627 628 629 630 631 632
S85°38'17"E
DND
℄ CONST & R/W IR 70
MATCH LINE STA. 633+00.00, SEE SHEET P.0297

+60.4, LON
+82.5
+82.5
+95
PROP AA
MGS TYPE T
PROP AA
MGS TYPE E
GR

TRURO TOWNSHIP
CITY OF COLUMBUS
Ex LA-R/W

PID: 550-2978470.00
OHIO POWER COMPANY
I.N. 201711130159929
AMERICANA PARKWAY
INDUSTRIAL

PID: 540-181267.00
OHIO POWER COMPANY
6870 AMERICANA PARKWAY

PID: 540-23479.00
ARMOR & ANCHOR, LLC
6900 AMERICANA PARKWAY

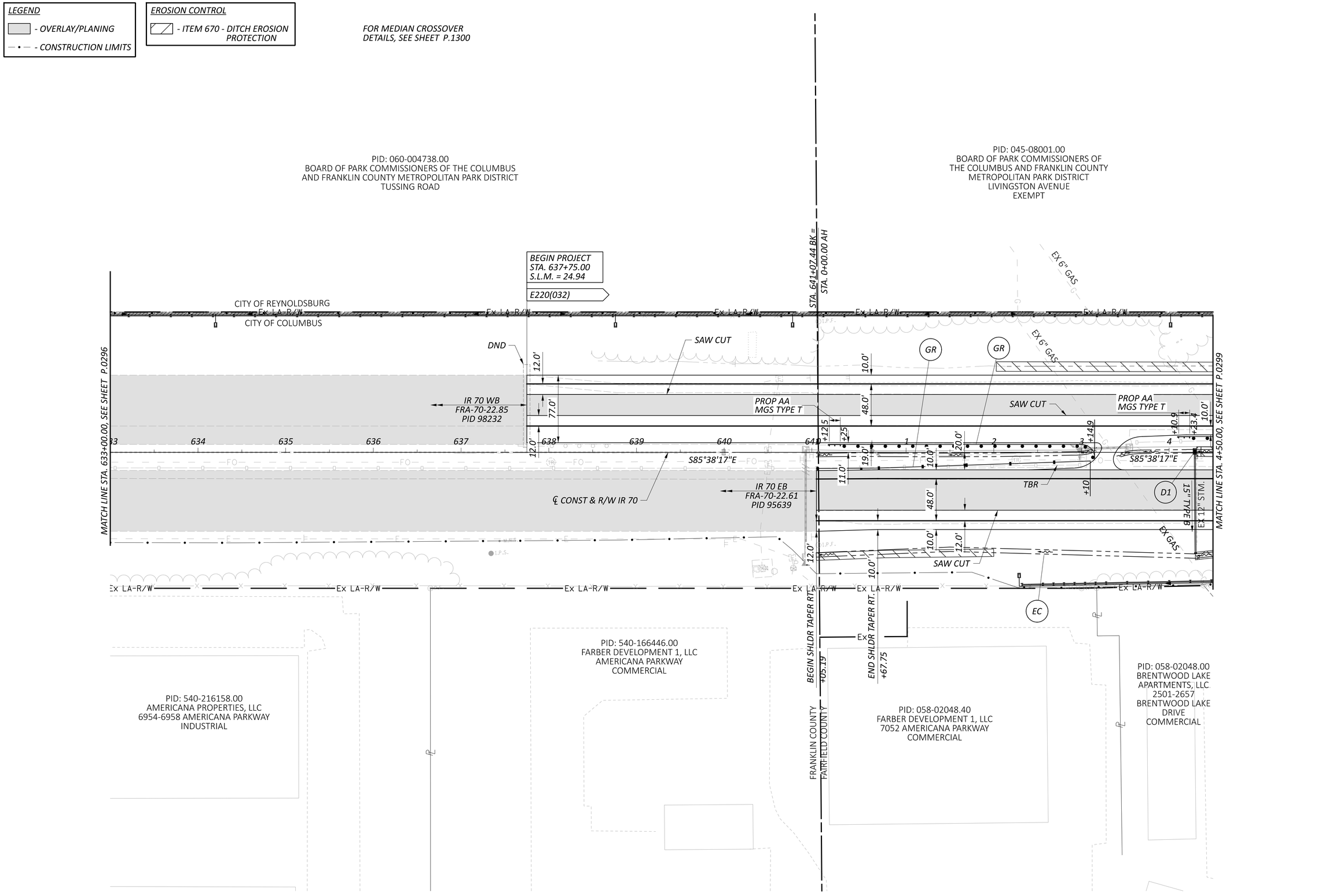
PID: 540-216158.00
AMERICANA PROPERTIES, LLC
6954-6958 AMERICANA
PARKWAY INDUSTRIAL

PLAN SHEET - IR 70
STA. 618+50.00 TO STA. 633+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Plan 16 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:13:28 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP116.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0296
TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 633+00.00 TO STA. 4+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0297 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:13:50 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

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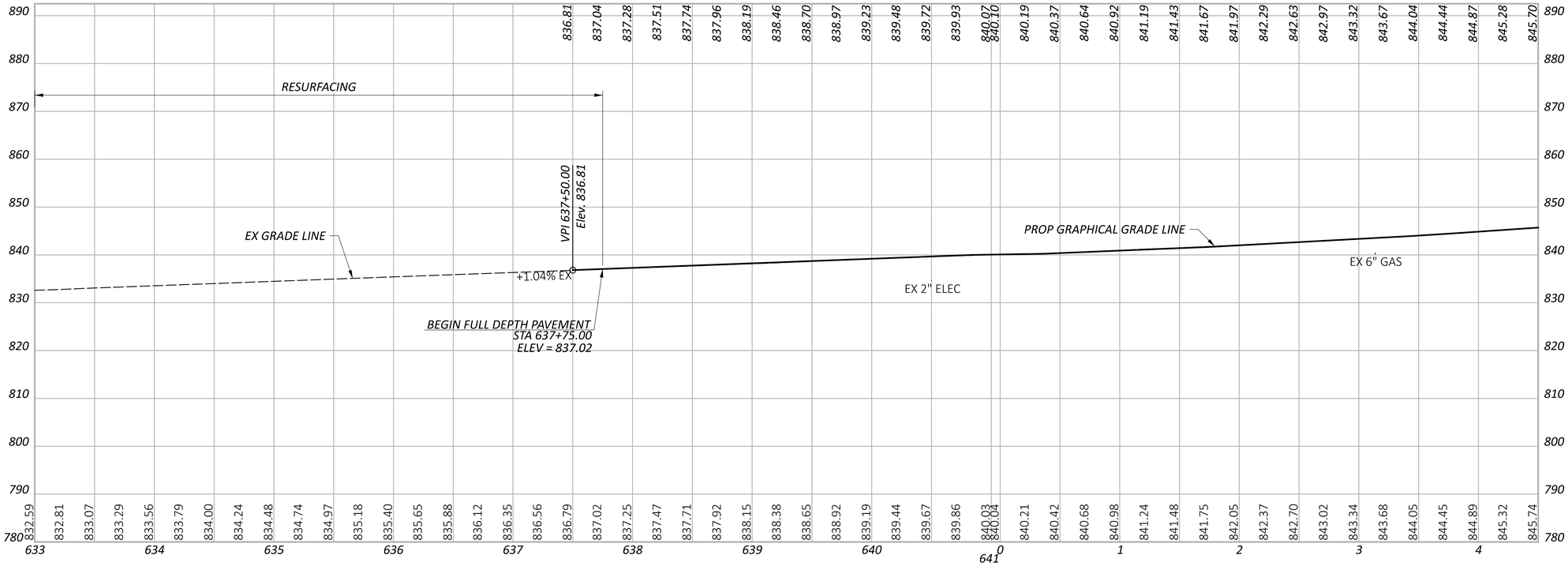
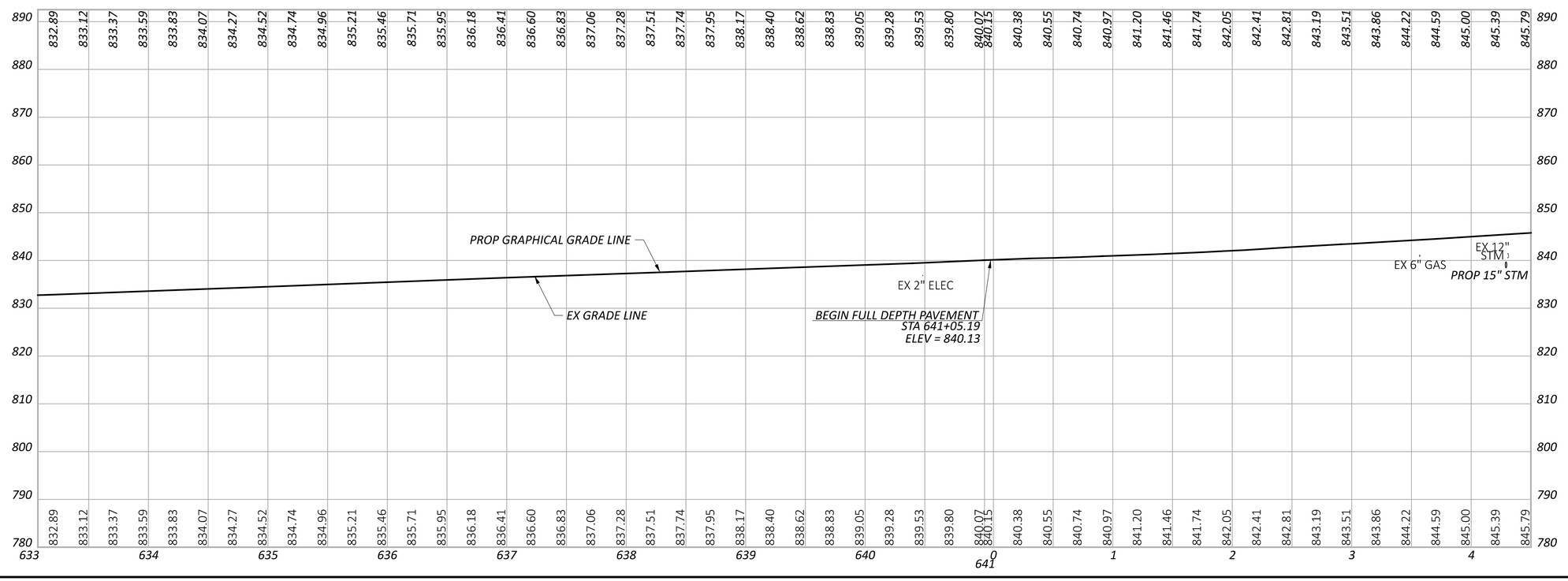




PROFILE - IR 70
STA. 633+00.00 TO STA. 4+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0298 TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

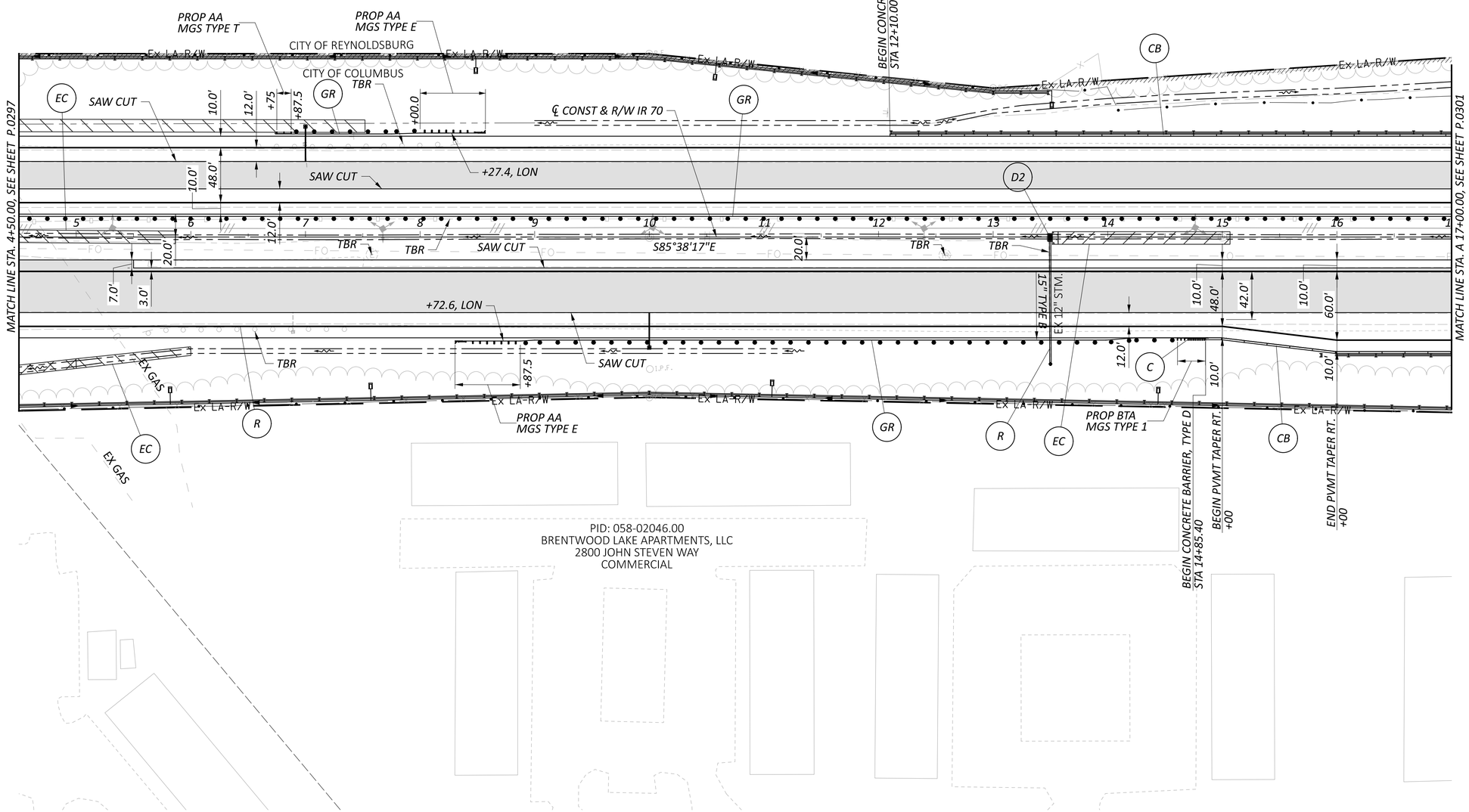
EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL



PLAN SHEET - IR 70
STA. 4+50.00 TO STA. 17+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0299 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:14:13 AM USER: brieder
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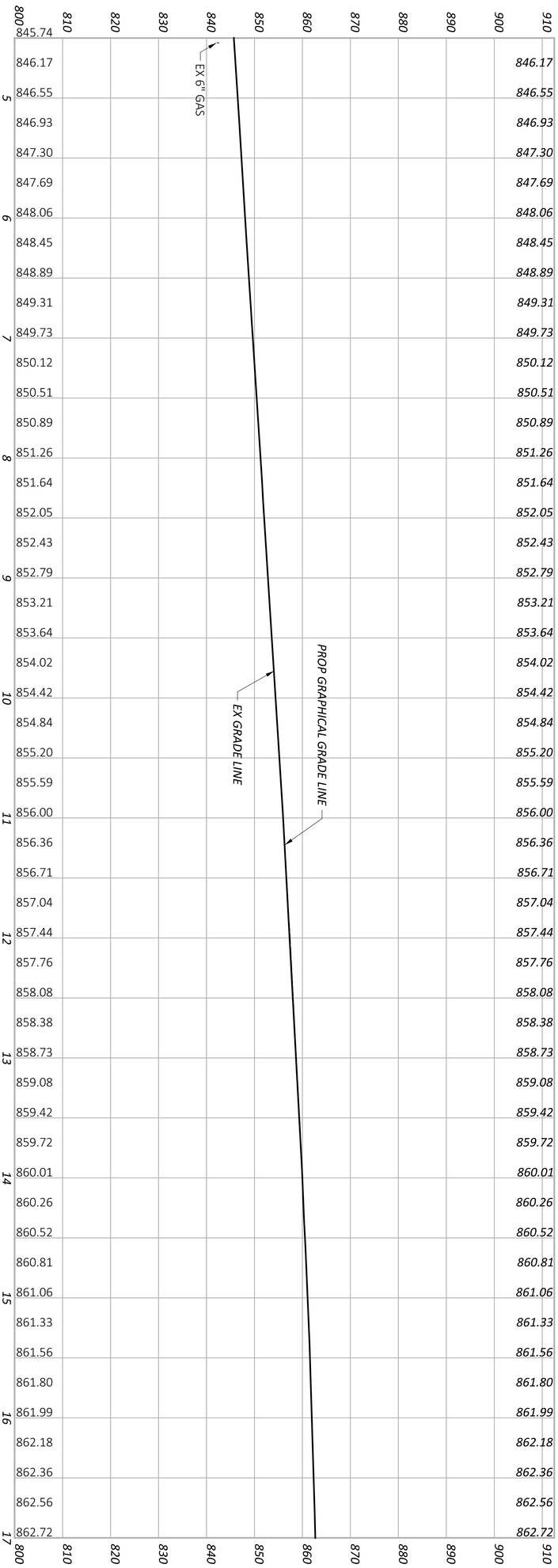
IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0300	P 2024

PROJECT ID	REVIEWER
96808	KAM 08/07/26

DESIGNER	DESIGN AGENCY
BER	AMERICAN STRUCTUREPOINT INC.

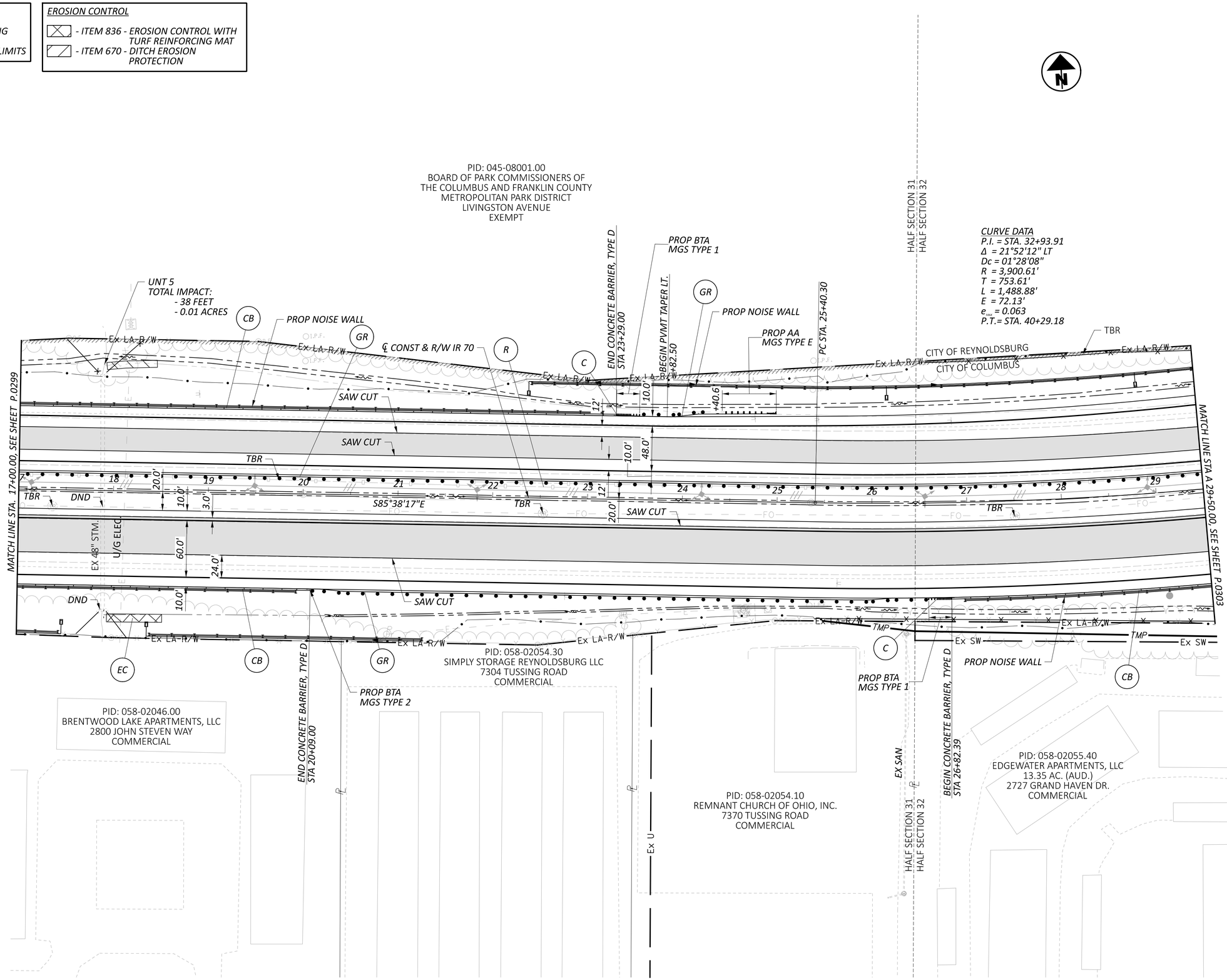
PROFILE - IR 70
STA. 4+50.00 TO STA. 17+00.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 17+00.00 TO STA. 29+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0301 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:14:42 AM USER: brieder
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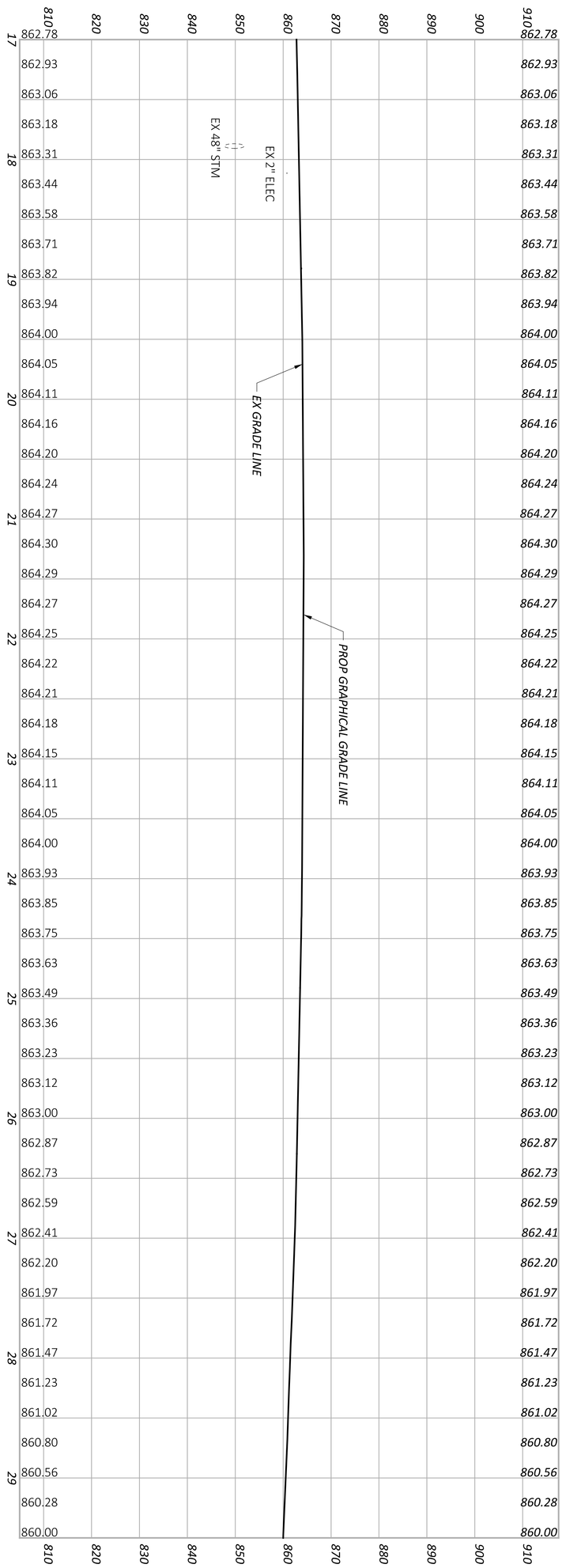
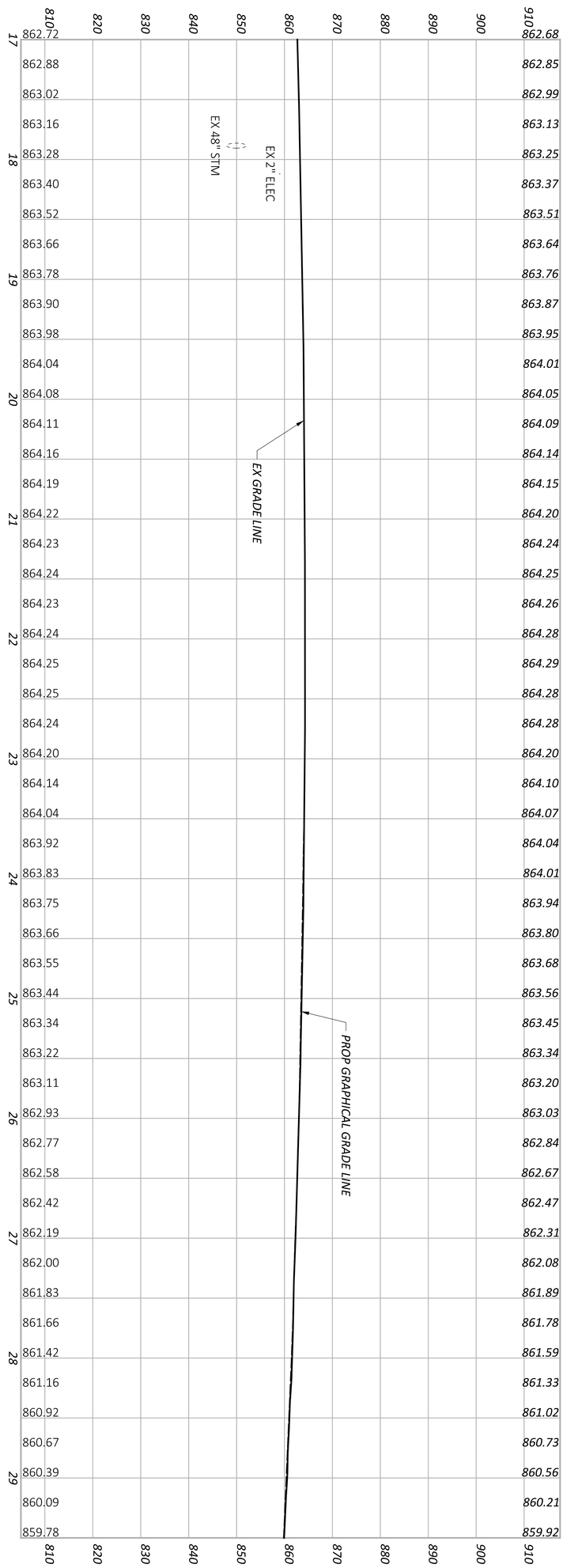


IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0302	P 2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 17+00.00 TO STA. 29+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:15:07 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP104.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 25 50 100

N

CURVE DATA
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'
E = 72.13'
e_{max} = 0.063
P.C. = STA. 25+40.30

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

BEGIN CONCRETE BARRIER, TYPE D STA 29+55.00
END PVMT TAPER LT. +82.50
PROP NOISE WALL
CITY OF REYNOLDSBURG
CITY OF COLUMBUS
Ex. LA. R/W
TBR
CB
EC
GR
EC
D135
R
R
℄ CONST & R/W IR 70
D136
EC
PROP NOISE WALL
Ex. LA. R/W
PT STA. 40+29.18
D137
Ex SW
MATCH LINE STA. 29+50.00, SEE SHEET P.0301
60.0'
12.0'
24.0'
20.0'
10.0'
7.0'
36.0'
SAW CUT
PROP AA MGS TYPE E
D4
MATCH LINE STA. 42+00.00, SEE SHEET P.0305
EX 12" STM
15" TYPE B
+80.6, LON
+85.7, LON
D5
D3
+12.5
+87.5
+00
PROP AA MGS TYPE T
D6
EC
EX 78" SAN
18" TYPE B
N72°29'31"E
01
EX 12" STM
SAW CUT
PROP AA MGS TYPE E
PROP NOISE WALL
DND
GR
TMP
Ex LA-R/W
Ex SW
℄ CONST RAMP E
GR
EC
CB
EX 72" SAN
EX 48" SAN
BEGIN PVMT TAPER RT. +00
END CONCRETE BARRIER, TYPE D STA 40+89.67
CITY OF COLUMBUS
VIOLET TOWNSHIP

PID: 058-02055.40
EDGEWATER APARTMENTS, LLC
2727 GRAND HAVEN DRIVE
COMMERCIAL

PID: 058-02055.20
HIGHLAND PARK HOLDINGS, LLC
2400-2826 PRENDERGAST PLACE
COMMERCIAL

01 STA. 30+00.00, ℄ CONST RAMP E = STA. 30+00.00, 90.00' RT, ℄ CONST & R/W IR 70

PLAN SHEET - IR 70
STA. 29+50.00 TO STA. 42+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0303
TOTAL	P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:40:34 AM USER: brieder
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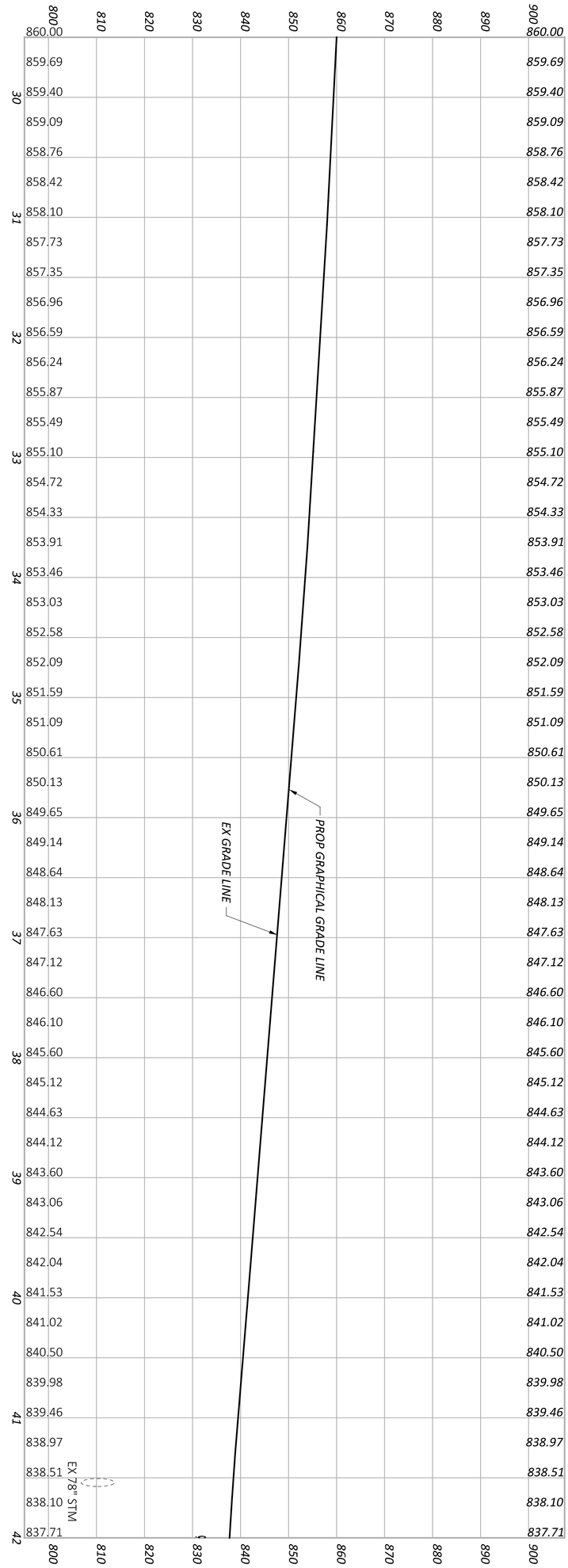
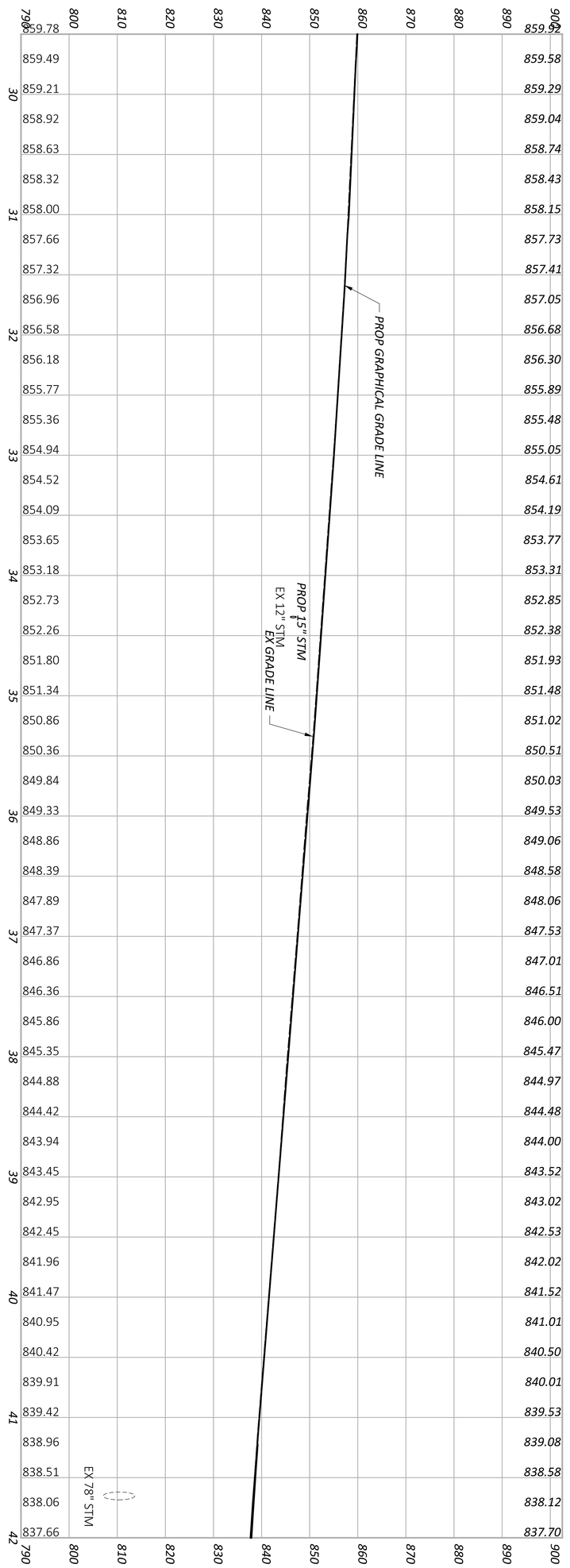


IR 70 EB

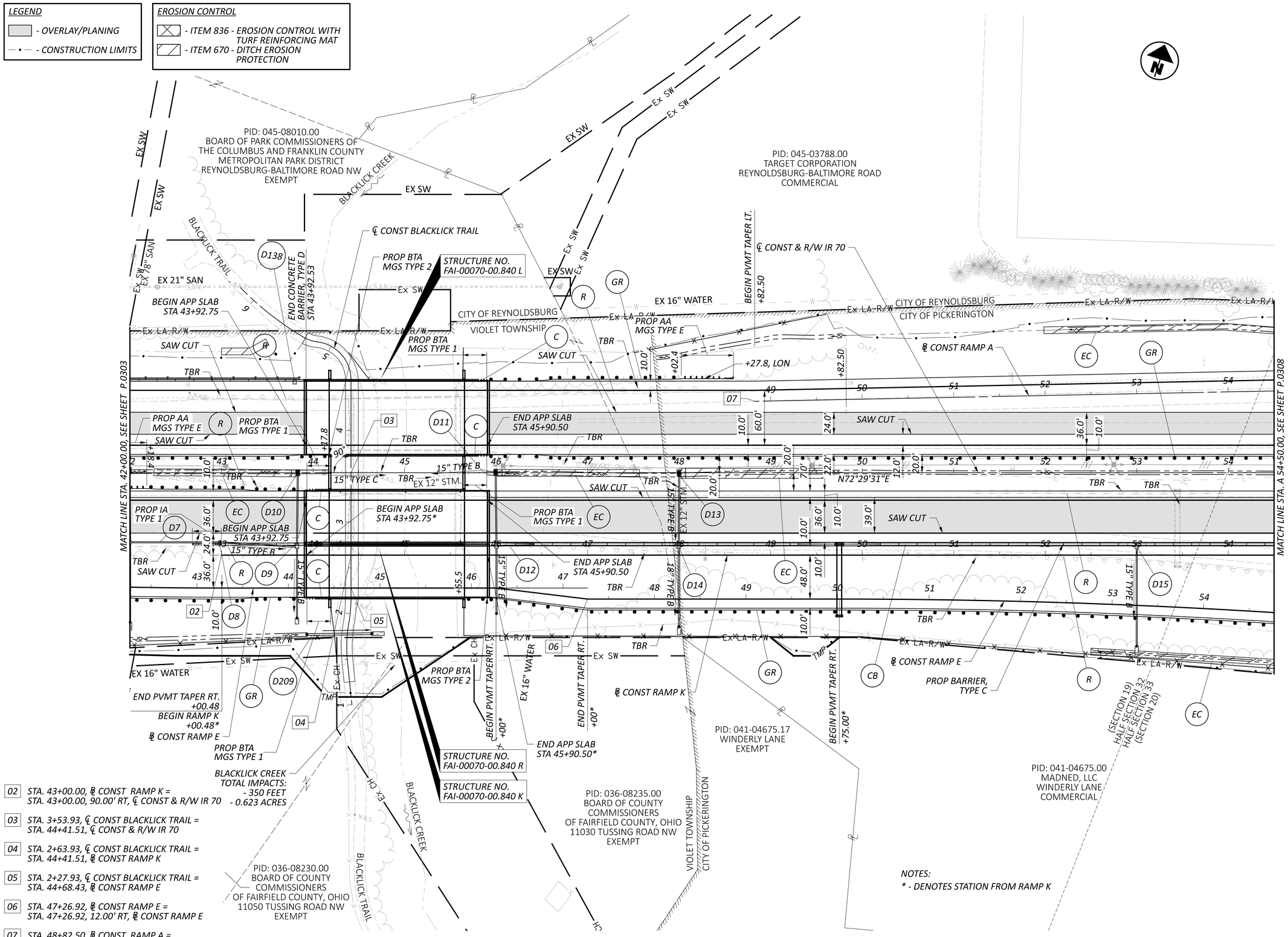


IR 70 WB

SHEET	TOTAL
P 0304	P 2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 29+50.00 TO STA. 42+00.00



02 STA. 43+00.00, ℄ CONST RAMP K = STA. 43+00.00, 90.00' RT, ℄ CONST & R/W IR 70

03 STA. 3+53.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST & R/W IR 70

04 STA. 2+63.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST RAMP K

05 STA. 2+27.93, ℄ CONST BLACKLICK TRAIL = STA. 44+68.43, ℄ CONST RAMP E

06 STA. 47+26.92, ℄ CONST RAMP E = STA. 47+26.92, 12.00' RT, ℄ CONST RAMP E

07 STA. 48+82.50, ℄ CONST RAMP A = STA. 48+82.50, 78.00' LT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET 0 25 50 100

PLAN SHEET - IR 70
STA. 42+00.00 TO STA. 54+50.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0305 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:15:34 AM USER: brieder
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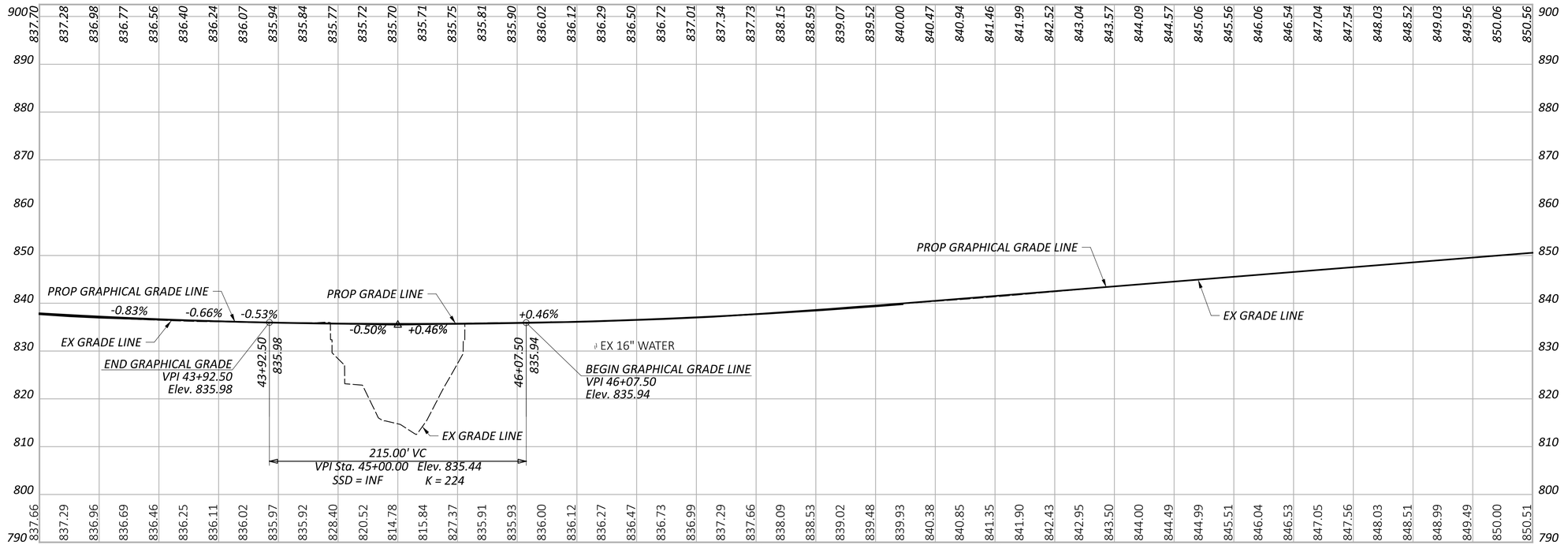
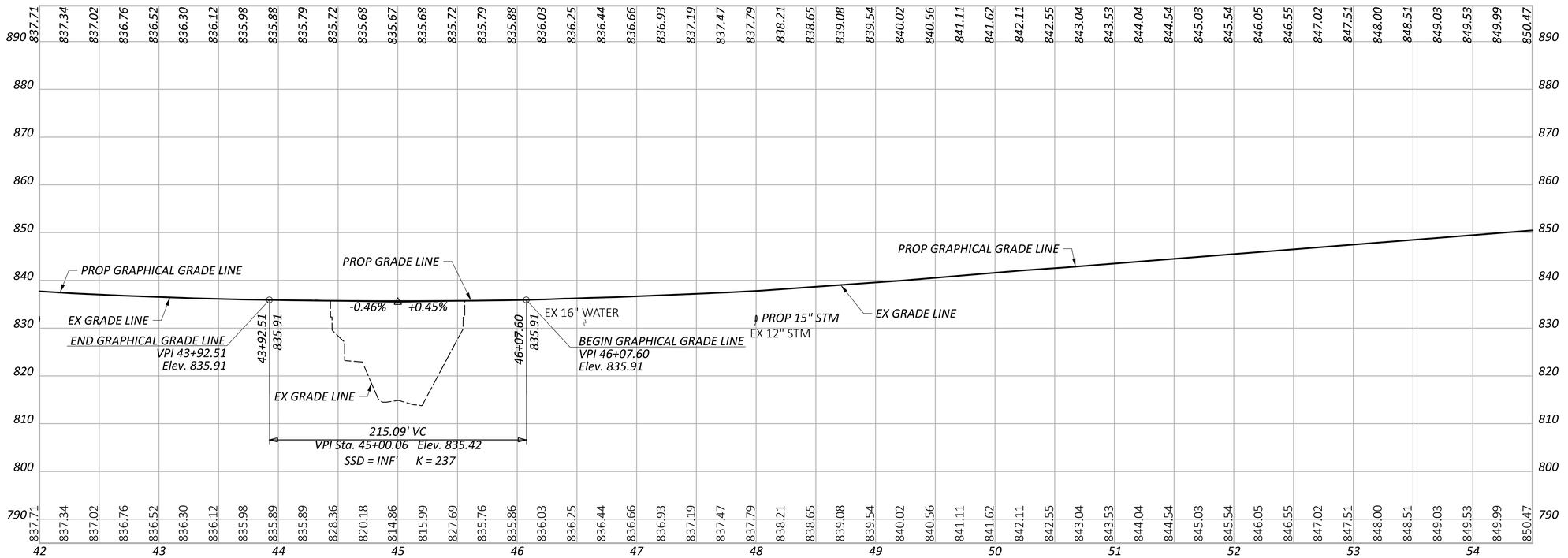




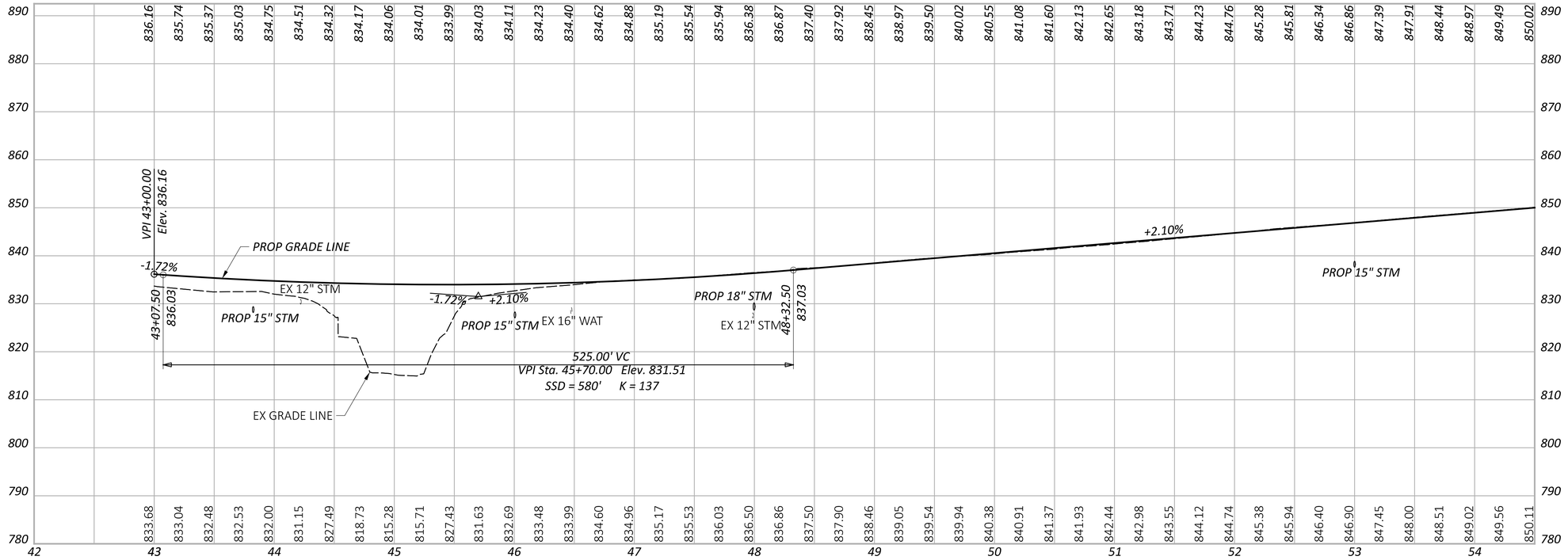
PROFILE - IR 70
STA. 42+00.00 TO STA. 54+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:43:28 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF105.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0306
TOTAL	P.2024



PROFILE - RAMP K
STA 43+00.00 TO STA 54+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.0307 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

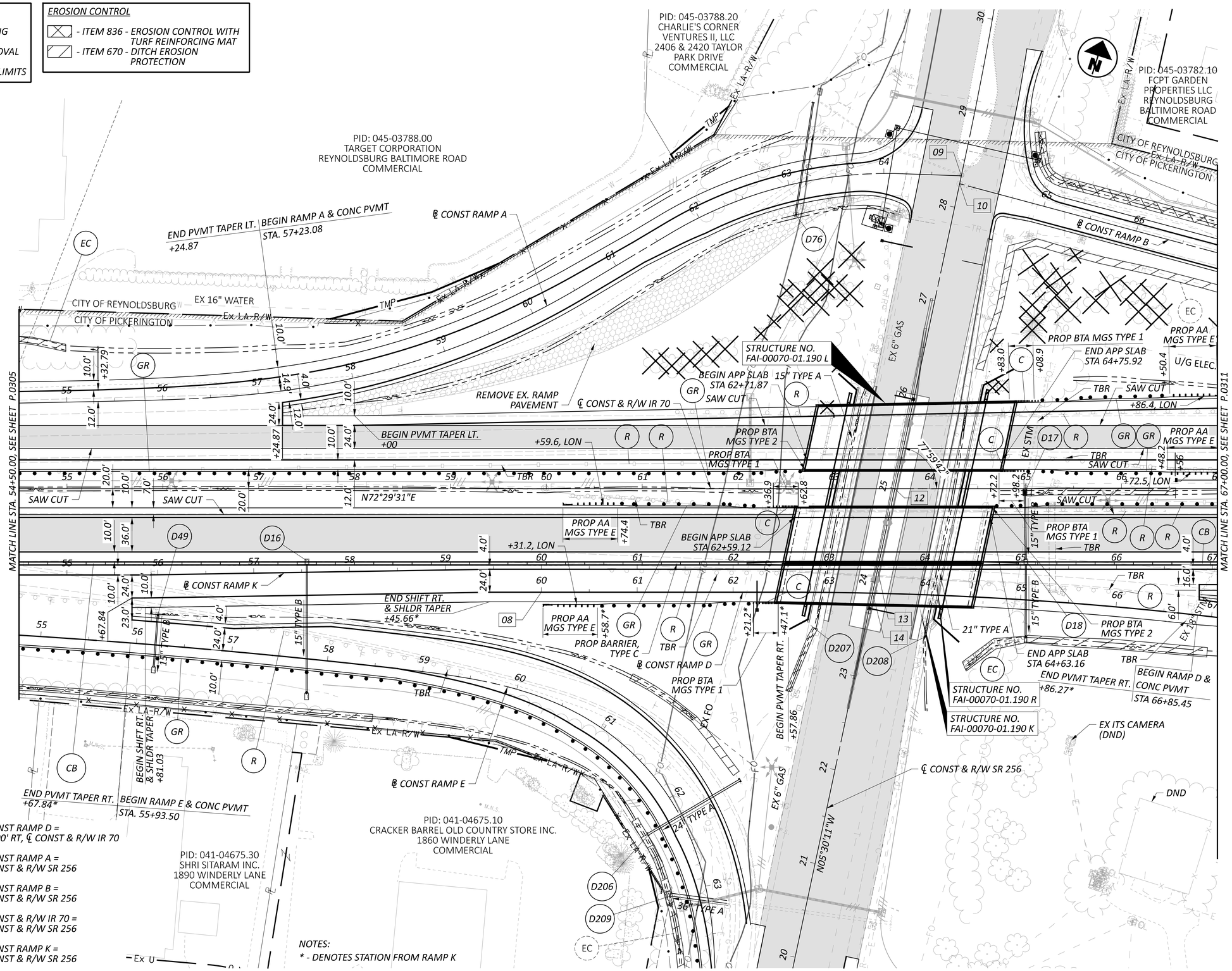
MODEL: RAMP K - PROFILE 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:15:56 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF300.dgn

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION



NOTES:
* - DENOTES STATION FROM RAMP K

08 STA. 60+00.00, ℄ CONST RAMP D = STA. 59+94.80, 108.00' RT, ℄ CONST & R/W IR 70

09 STA. 64+80.86, ℄ CONST RAMP A = STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B = STA. 28+25.00, ℄ CONST & R/W SR 256

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET 0 25 50 100

PLAN SHEET - IR 70
STA. 54+50.00TO STA. 67+00.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0308 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:16:05 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP106.dgn

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:45:44 AM USER: brieder
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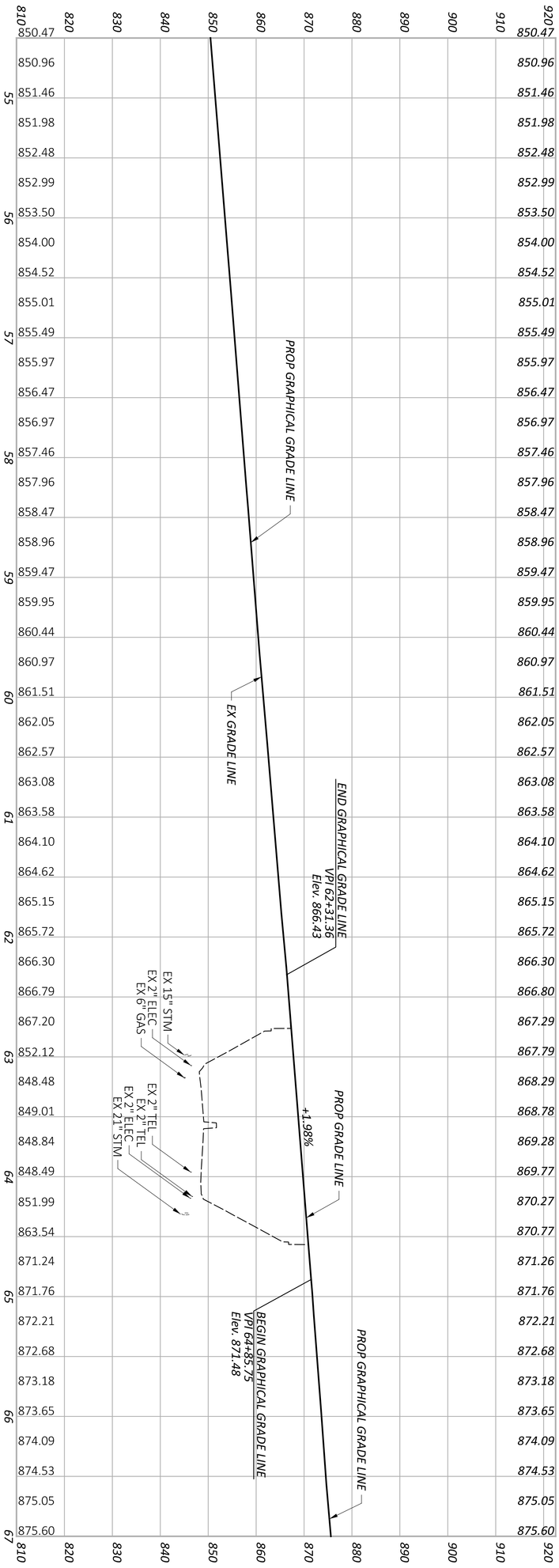
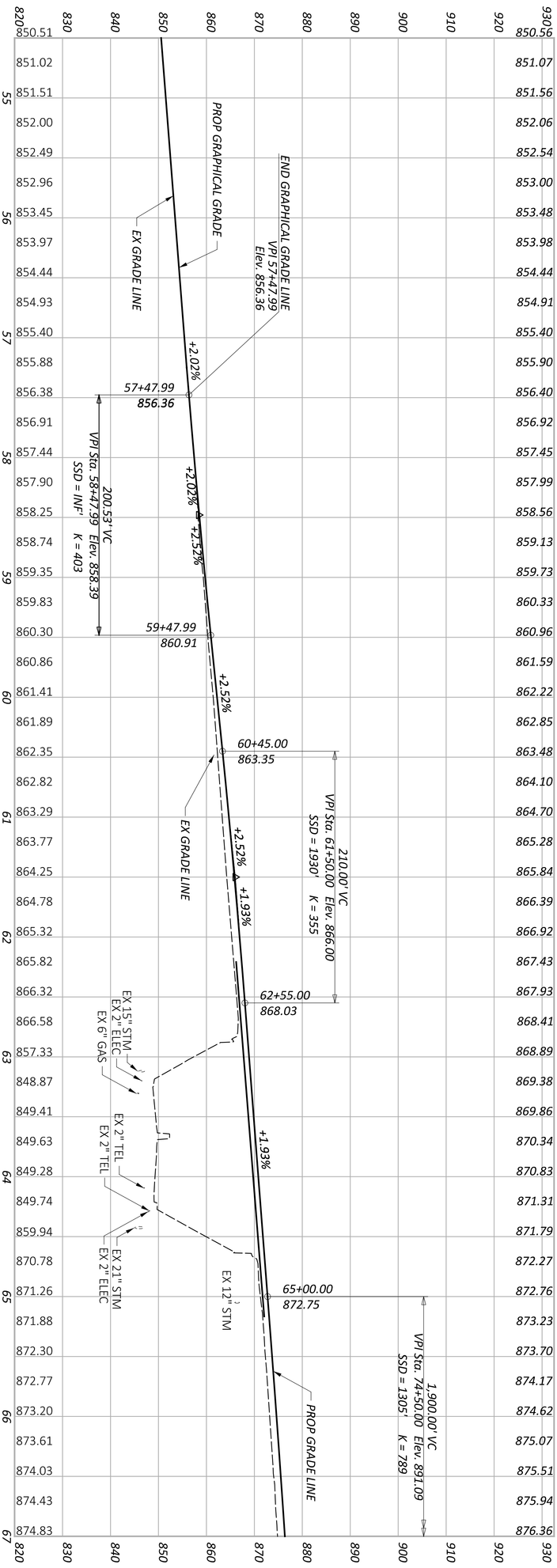


IR 70 EB



IR 70 WB

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.	DESIGNER: BER	REVIEWER: KAM 08/07/26	PROJECT ID: 96808	SHEET: P.0309 TOTAL: P.2024

PROFILE - IR 70
STA. 54+50.00TO STA. 67+00.00

MODEL: RAMP K - PROFILE 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:16:22 AM USER: brieder
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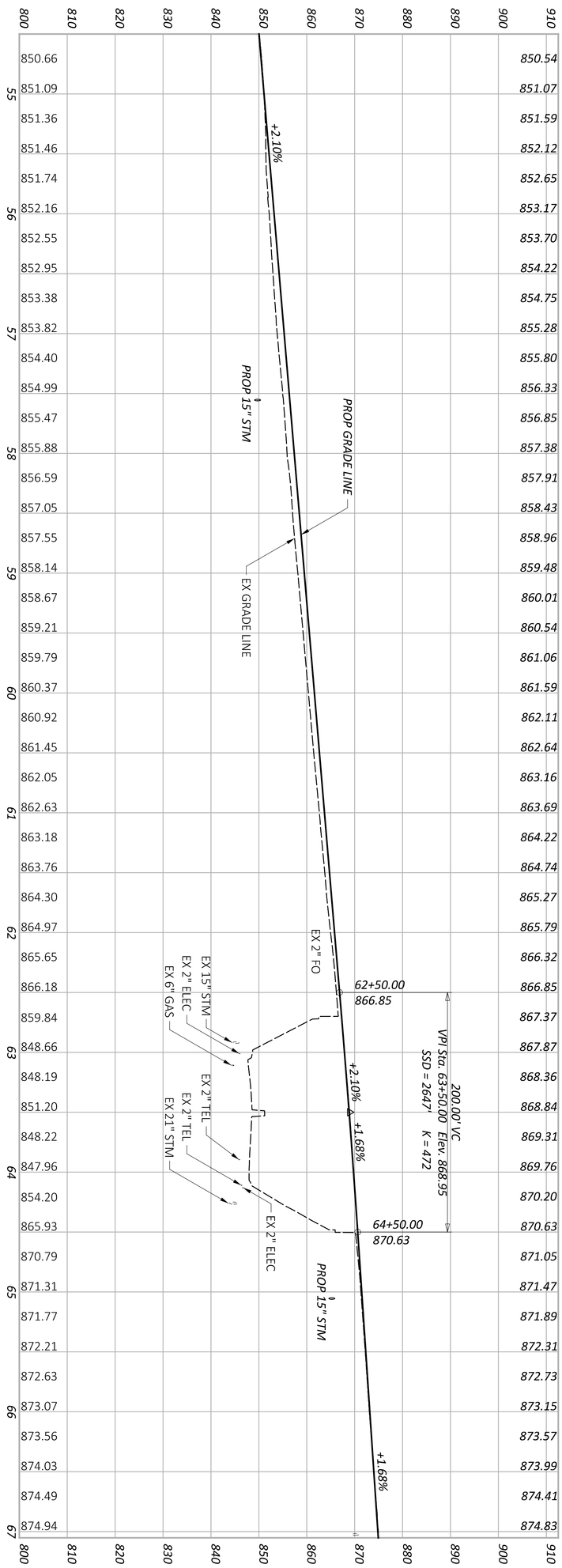


PROFILE - RAMP K
STA 54+50.00 TO STA 67+05.20

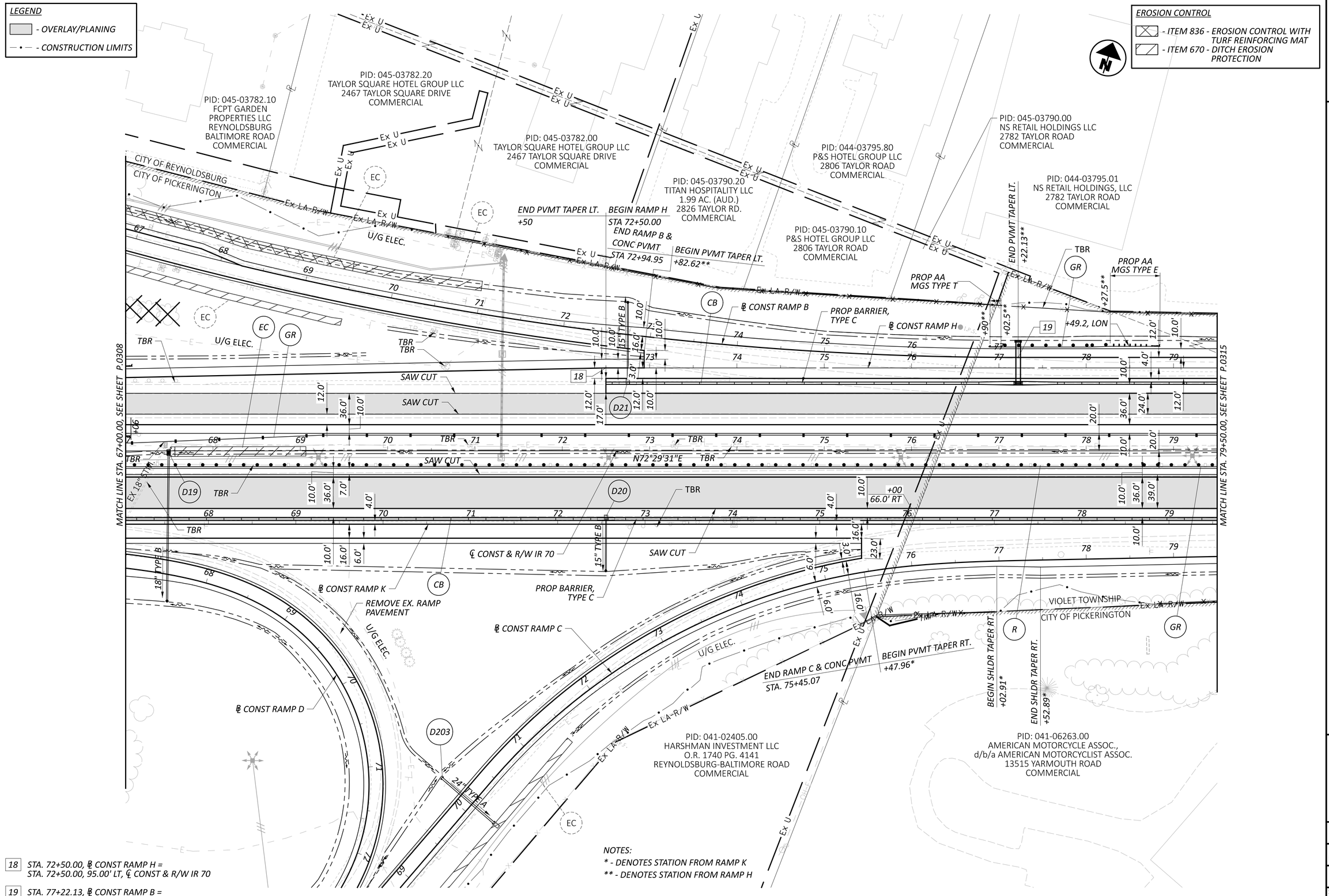
SHEET	TOTAL
P 0310	P 2024

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



18 STA. 72+50.00, ℄ CONST RAMP H =
STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

19 STA. 77+22.13, ℄ CONST RAMP B =
STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 67+00.00 TO STA. 79+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0311 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:16:31 AM USER: brieder
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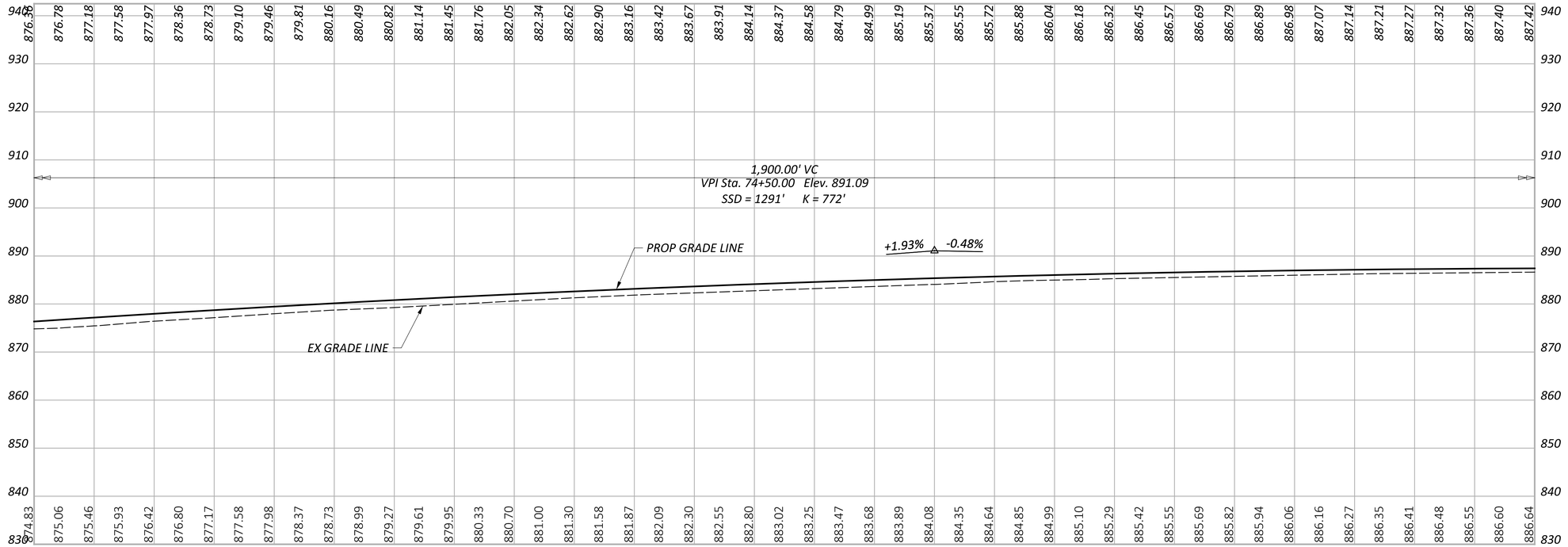

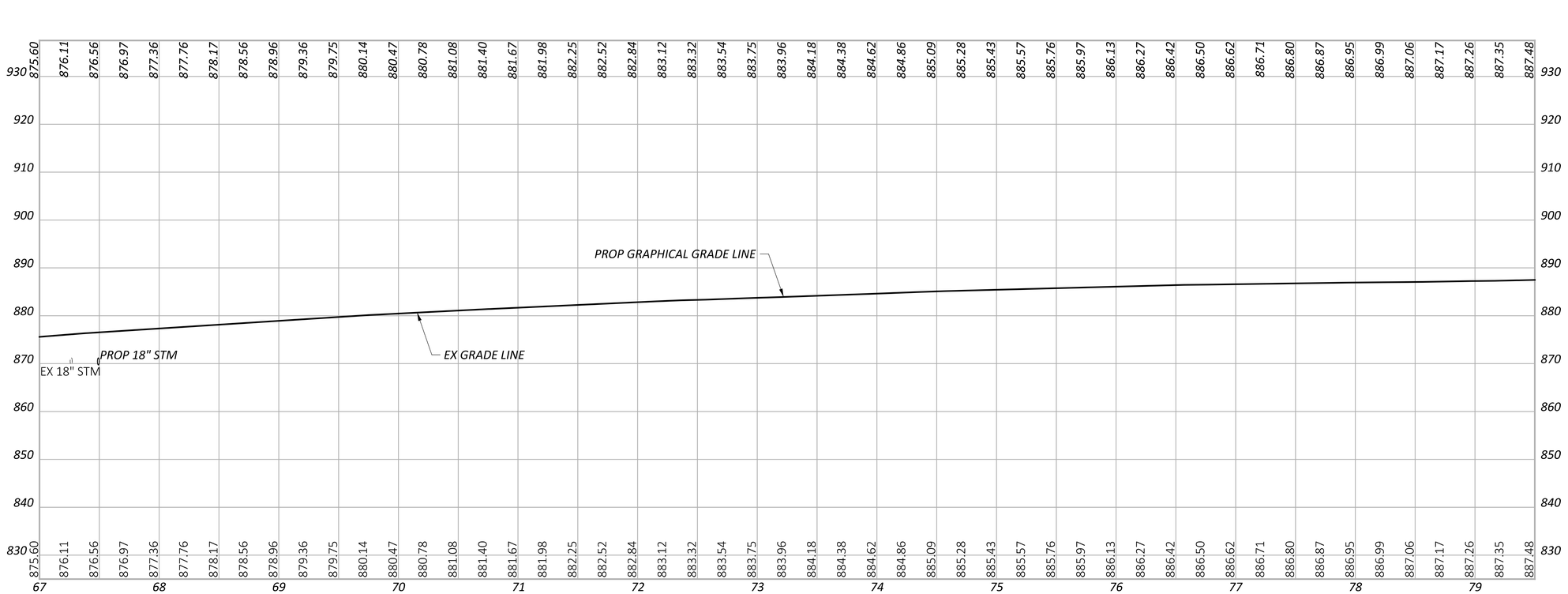

PROFILE - IR 70
STA. 67+00.00 TO STA. 79+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 8:56:19 AM USER: brieder
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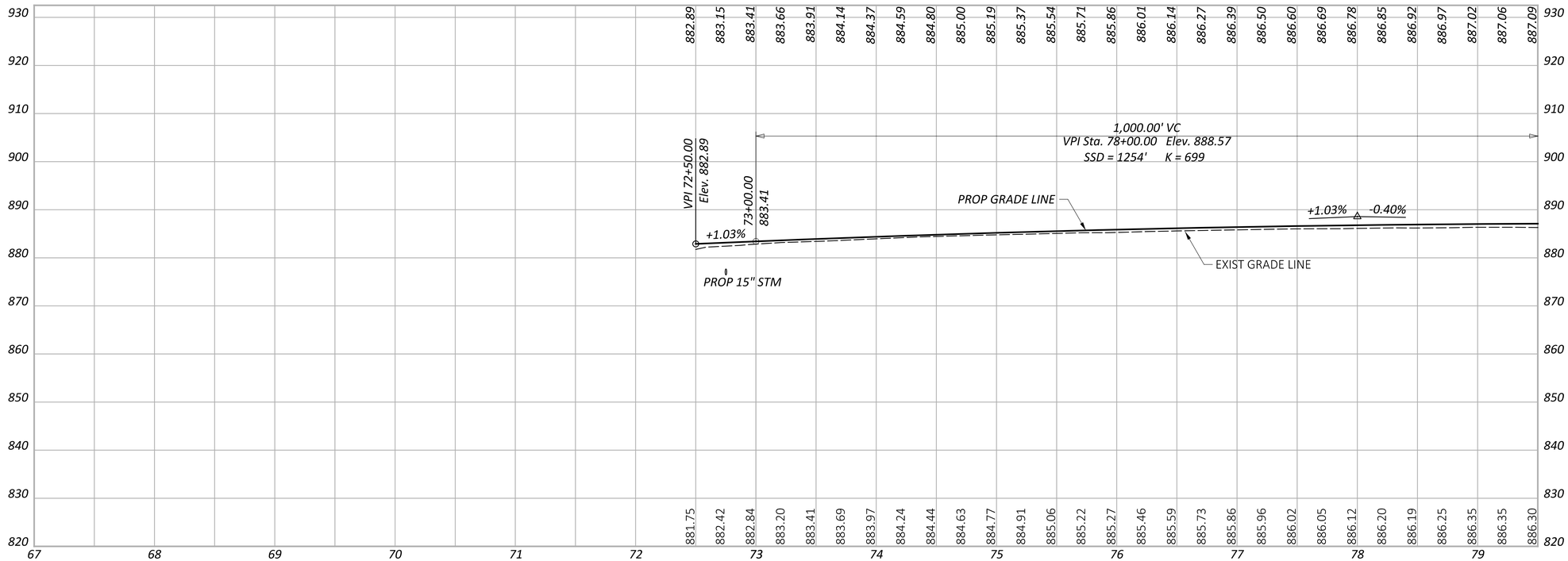
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0312 TOTAL: P.2024



PROFILE - RAMP H
STA 72+50.00 TO STA 79+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: RAMP H - PROFILE 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:16:47 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.0313 TOTAL P.2024

MODEL: RAMP K - PROFILE 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:16:52 AM USER: brieder
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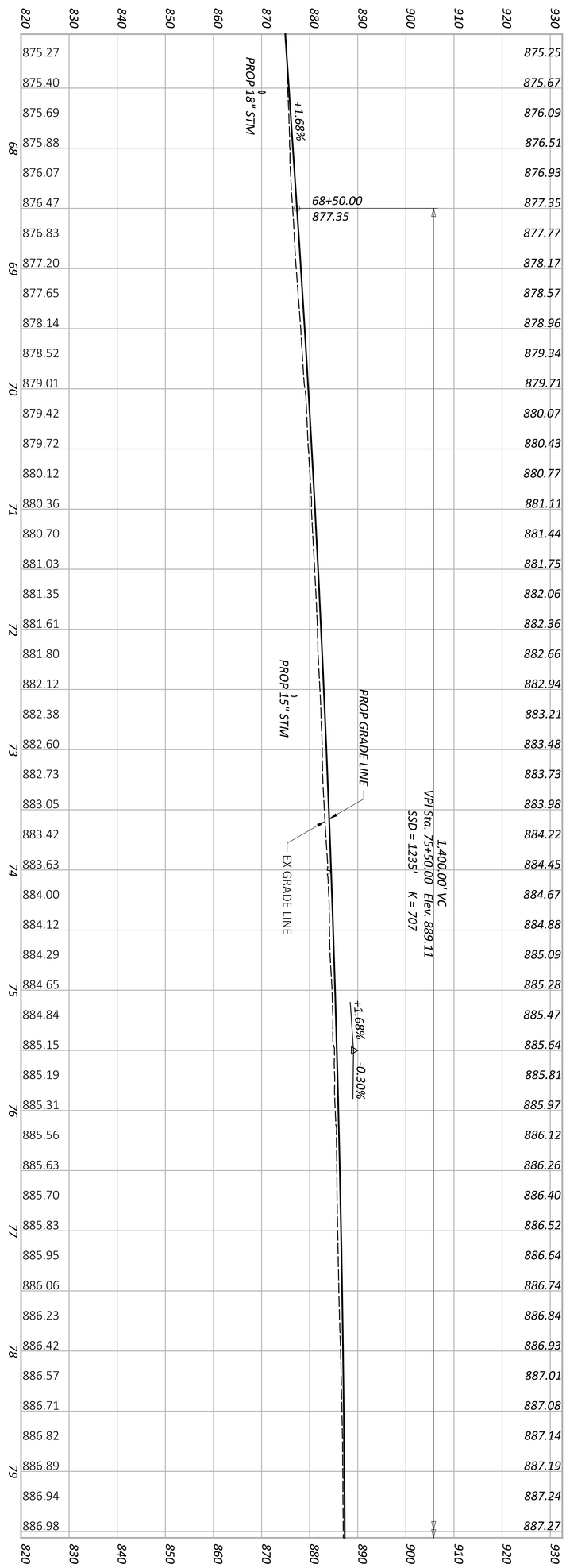


DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
XXX	XXX MM-DD-YY	96808	P 0314	P 2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE - RAMP K
STA 67+05.20 TO STA 79+55.20

MODEL: CLP_I070 - Plan 8 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:17:02 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP108.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA.79+50.00 TO STA. 92+00.00

PID: 044-03795.01
NS RETAIL HOLDINGS, LLC
2782 TAYLOR ROAD
COMMERCIAL

PID: 044-03795.14
ONYX REYNOLDSBURG OH LLC
2686 TAYLOR ROAD
COMMERCIAL

PID: 045-03793.60
ONYX REYNOLDSBURG OH LLC
2686 TAYLOR ROAD
COMMERCIAL

PID: 045-03793.20
REALTY INCOME PROPERTIES 9, LLC
2644 TAYLOR ROAD
COMMERCIAL

PID: 045-03793.00
WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE JOHNSON TRUST DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO
2604 TAYLOR RD.
COMMERCIAL

Ex R/W

℄

HALF SECTION 33
HALF SECTION 34

PROP AA MGS TYPE T

+00.0**

+12.5**

PROP BARRIER, TYPE C

℄ CONST RAMP H

WETLAND I
TOTAL IMPACTS
- 0.313 ACRES

BEGIN CONCRETE BARRIER, TYPE D
STA 91+17.00

GR

CB

TBR

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex LA R/W

TMP

SAW CUT

PROP BTA MGS TYPE 2

15" TYPE B

MATCH LINE STA. 79+50.00, SEE SHEET P.0311

MATCH LINE STA. 92+00.00, SEE SHEET P.0319

80 81 82 83 84 85 86 87 88 89 90 91 92

10.0'

24.0'

36.0'

D22

℄ CONST & R/W IR 70

D23

D24

D27

20.0'

10.0'

N72°29'31"E

D25

15" STM.

4.0'

+50

D26

+49.2, LON

+93.0*

28.0'

℄ CONST RAMP C

20

EX 8" STM.

PROP AA MGS TYPE E

END PVMT TAPER RT. +05.20*

R

EC

℄ CONST RAMP K

PROP BARRIER, TYPE C

EX EROSION CONTROL

EX 96" STM.

96" TYPE A

6' x 4' x 18" RCP, TYPE C

D200

PID: 041-06263.00
AMERICAN MOTORCYCLE ASSOC., d/b/a AMERICAN MOTORCYCLIST ASSOC.
13515 YARMOUTH ROAD
COMMERCIAL

PID: 036-00734.00
THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

UNT 1
TOTAL IMPACTS:
- 600 FEET
- 0.277 ACRES
(SOUTH SIDE OF IR 70)

CITY OF PICKERINGTON
VIOLET TOWNSHIP

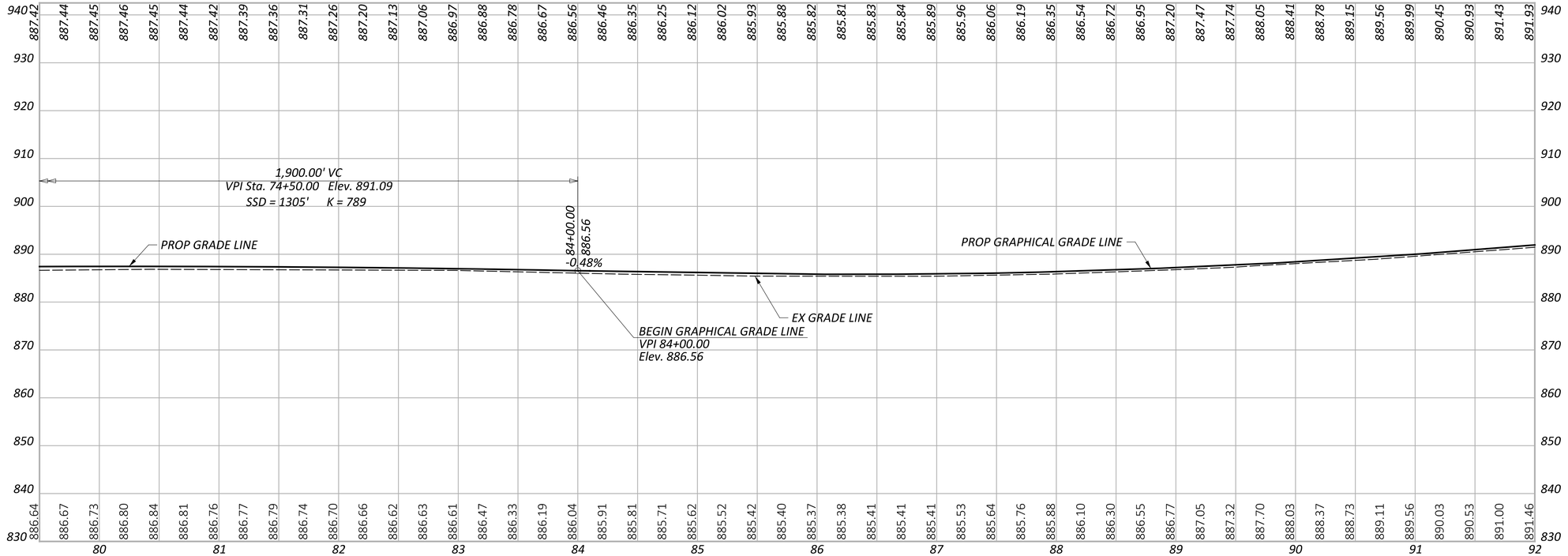
PID: 036-00733.00
FALCON FOUR PROPERTY HOLDING, LLC
10270 BLACKLICK-EASTERN ROAD NW
COMMERCIAL

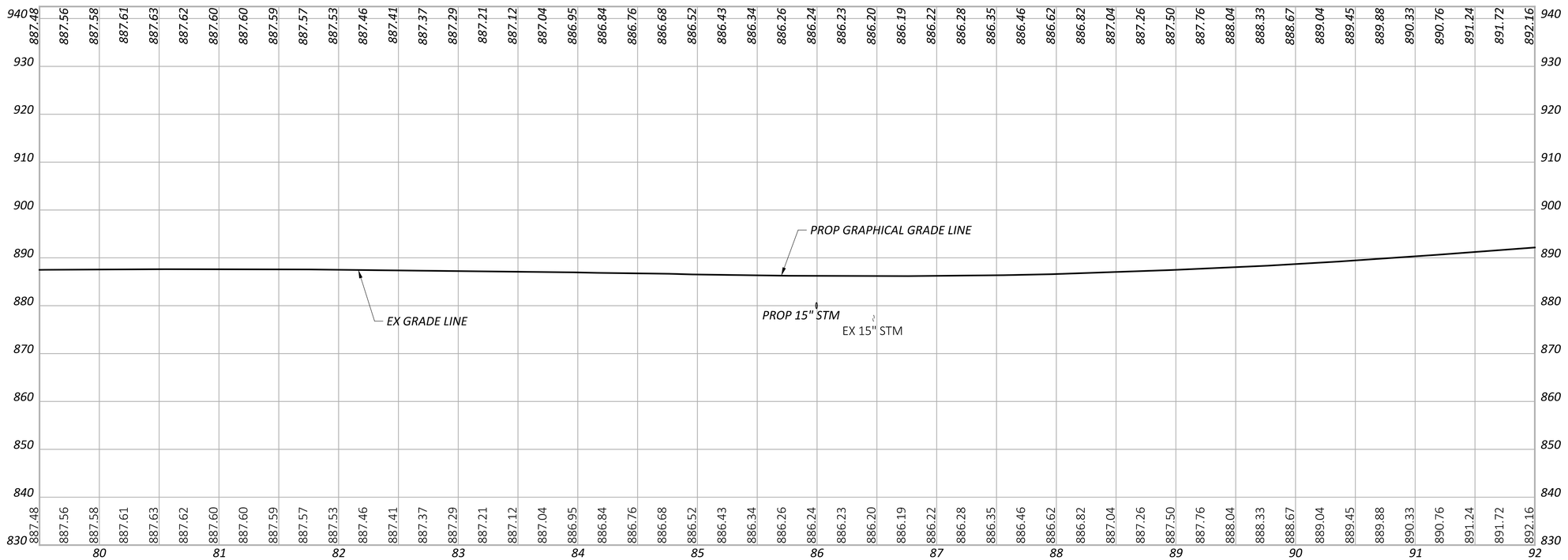
NOTES:
* - DENOTES STATION FROM RAMP K
** - DENOTES STATION FROM RAMP H

20 STA. 84+00.00, ℄ CONST RAMP C =
STA. 84+00.00, 112.00' RT, ℄ CONST & R/W IR 70

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0315 TOTAL P.2024





PROFILE - IR 70
STA. 79+50.00 TO STA. 92+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 8:59:19 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF108.dgn

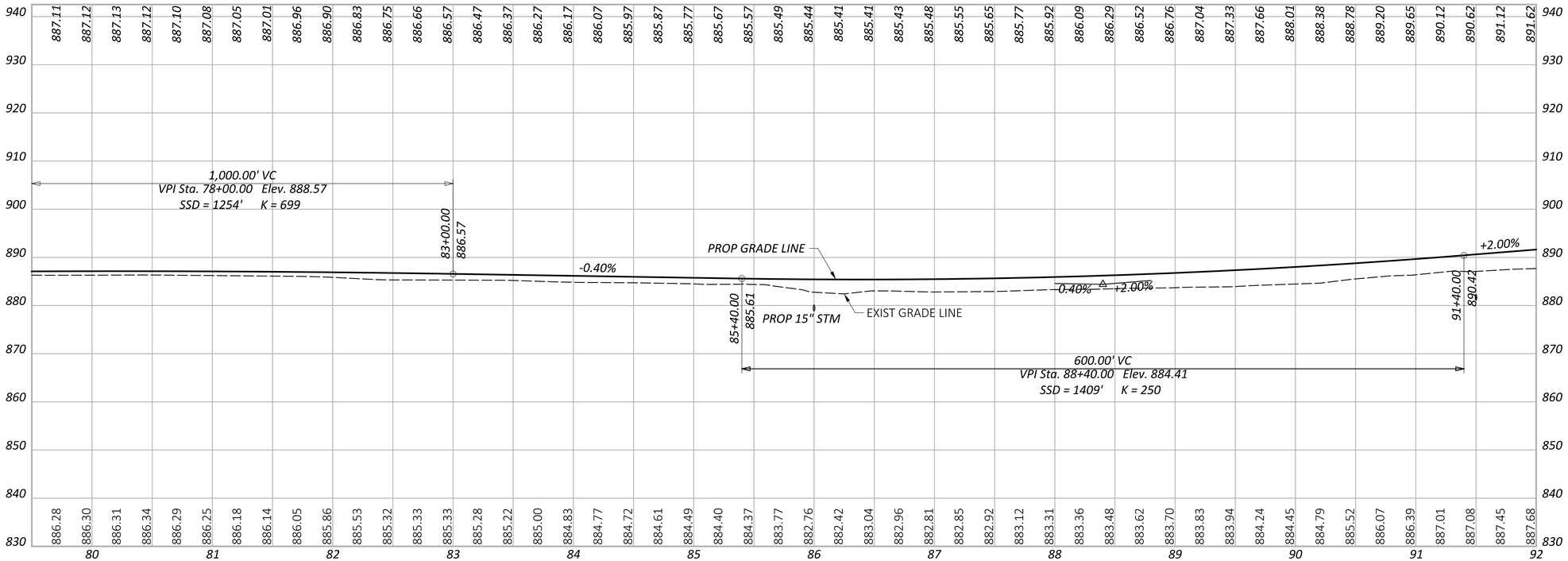
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0316 TOTAL P.2024



PROFILE - RAMP H
STA 79+50.00 TO STA 92+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SHEET P.0317 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: RAMP H - PROFILE 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:17:18 AM USER: brieder
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MODEL: RAMP K - PROFILE 4 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:17:23 AM USER: brieder
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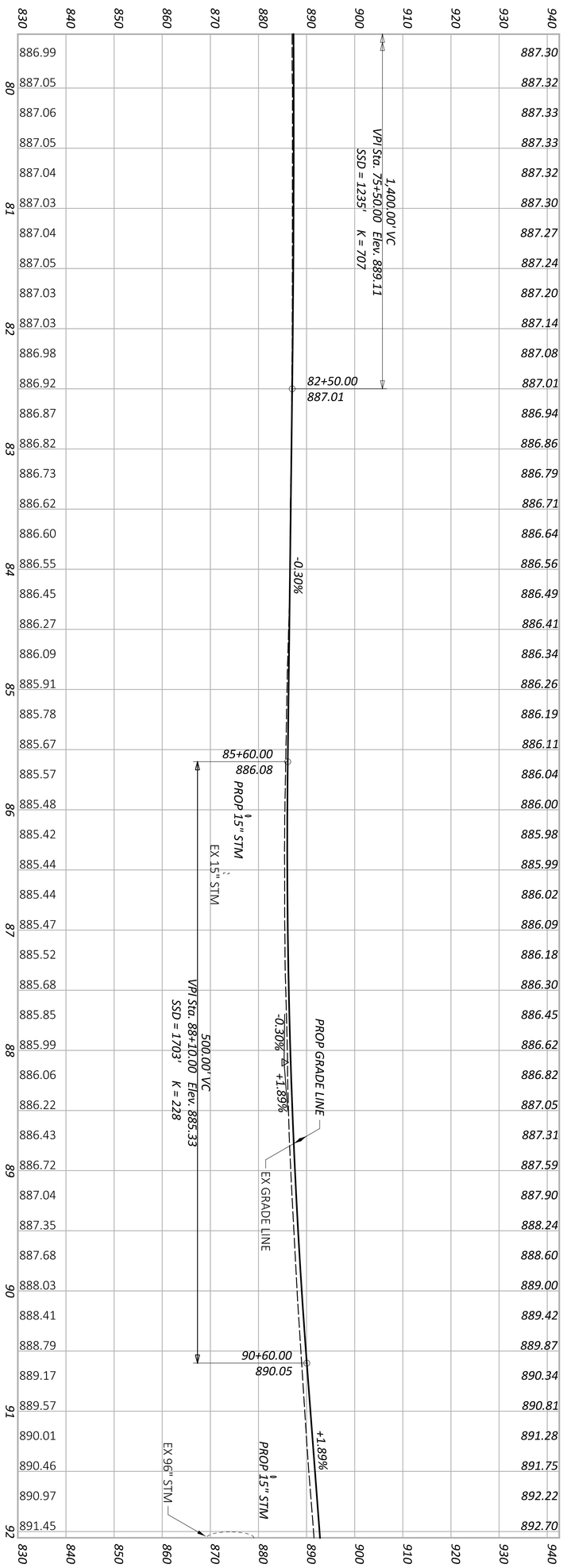


PROFILE - RAMP K
STA 79+55.20 TO STA 92+05.20

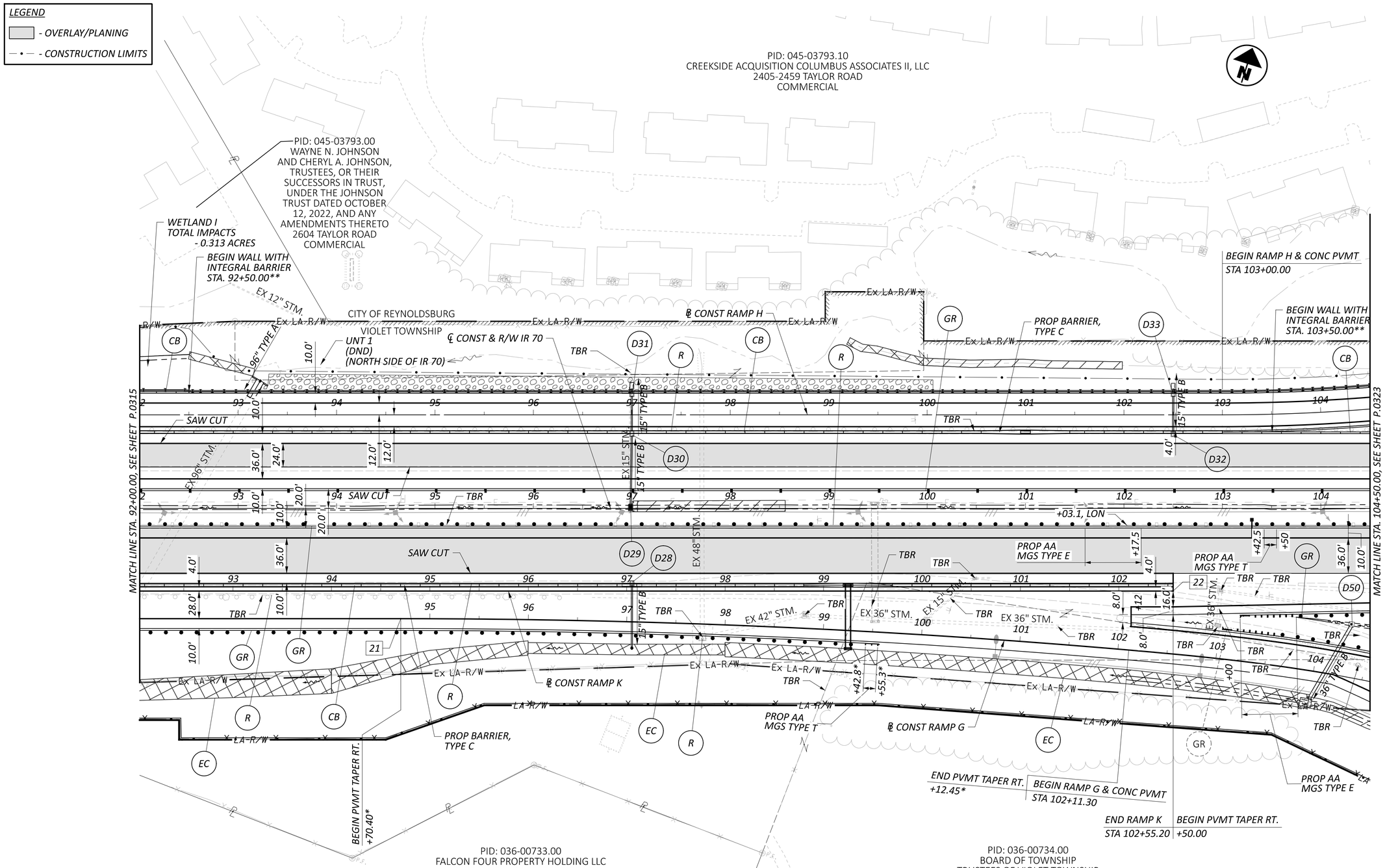
SHEET	TOTAL
P 0318	P 2024

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 92+00.00 TO STA. 104+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0319 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:17:32 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP109.dgn

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:04:14 AM USER: brieder
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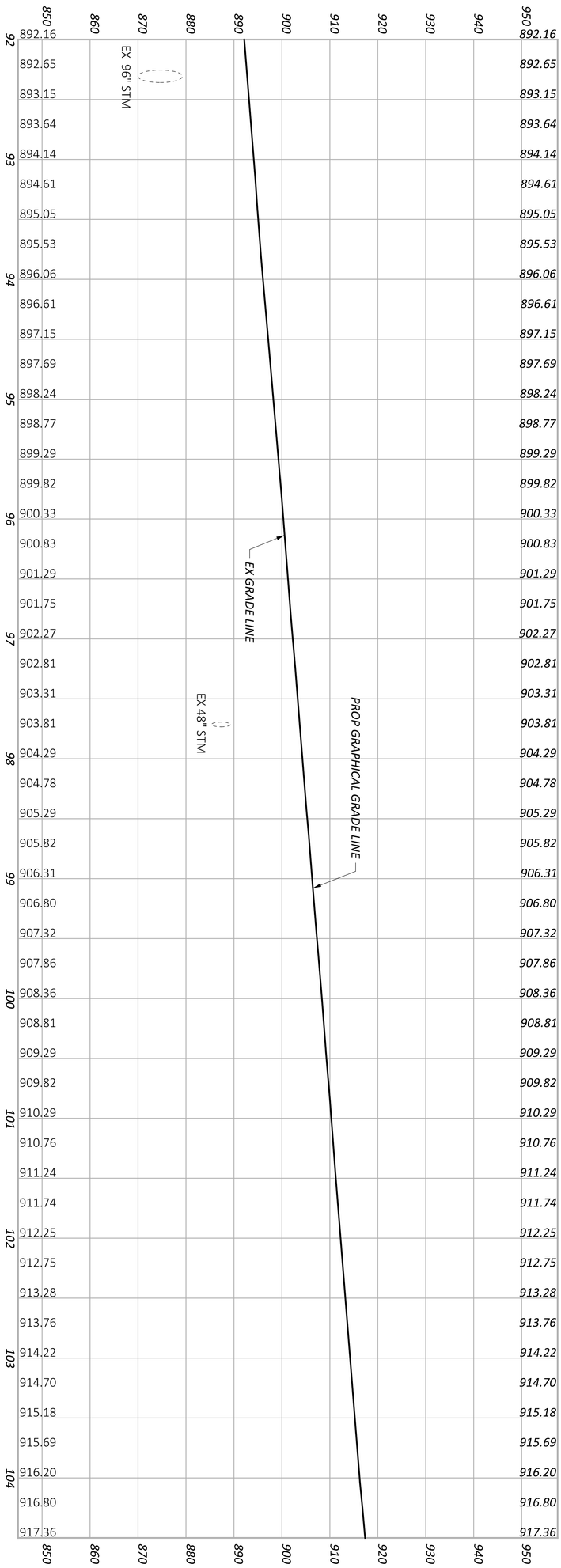
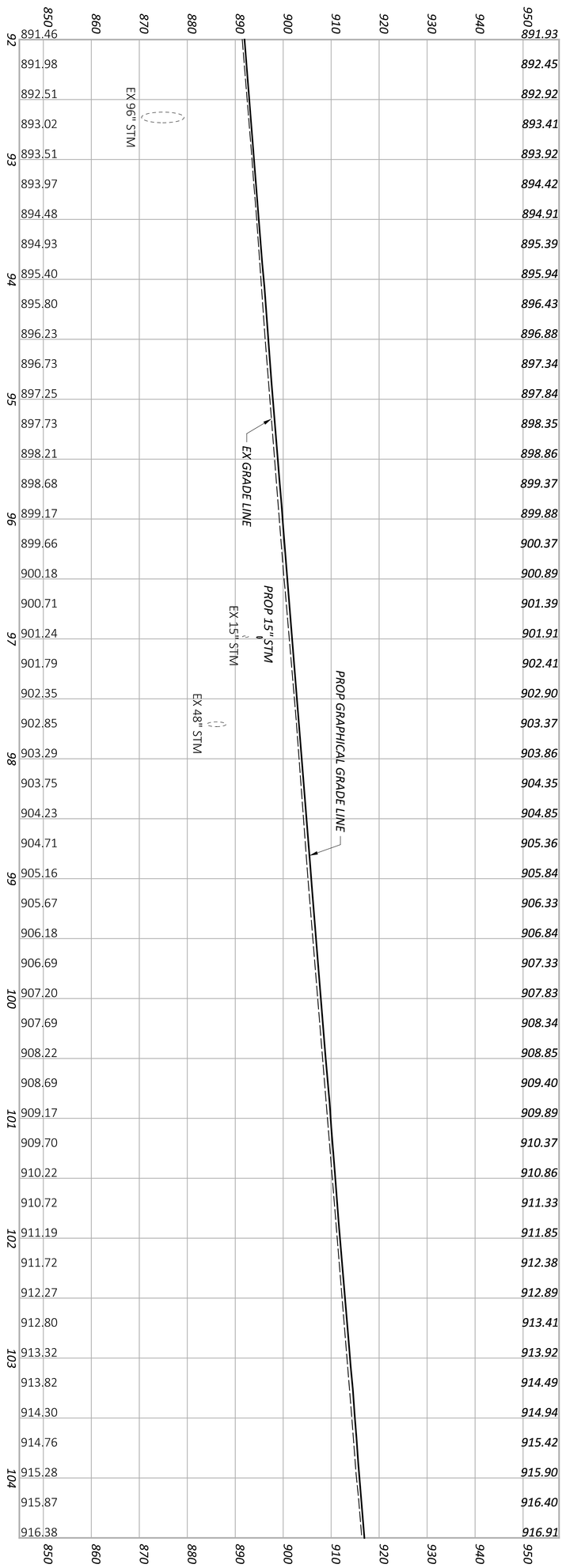


IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0320	P 2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 92+00.00 TO STA. 104+50.00

MODEL: RAMP H - PROFILE 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:17:54 AM USER: brieder
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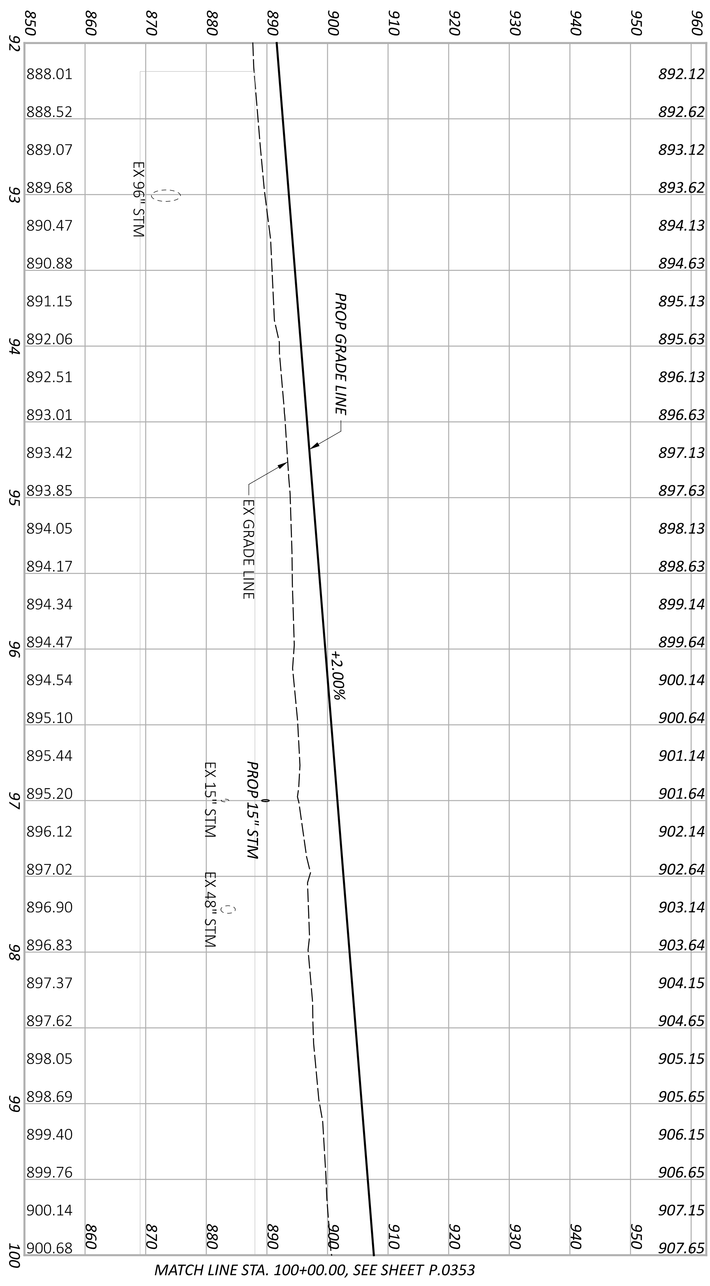

MATCH LINE STA. 100+00.00, SEE SHEET P.0353

SHEET	TOTAL
P 0321	P 2024

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE - RAMP H
STA 92+00.00 TO STA 100+00.00

MODEL: RAMP K - PROFILE 5 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:18:00 AM USER: brieder
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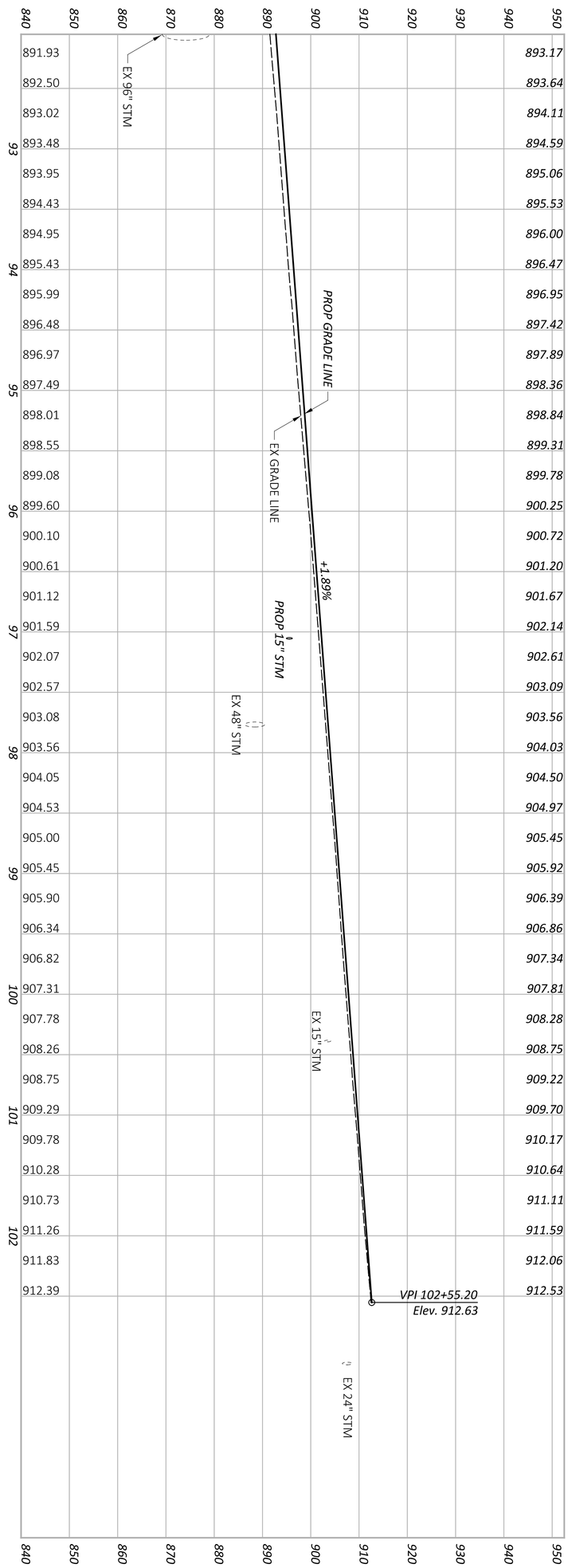

SHEET	TOTAL
P 0322	P 2024

PROJECT ID: 96808

REVIEWER: XXX MM-DD-YY

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE - RAMP K
STA 92+05.20 TO STA 102+55.20

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION

NOTES:

** - DENOTES STATION FROM RAMP H

FOR MEDIAN CROSSOVER DETAILS, SEE SHEET P.1301

UNT 1
TOTAL IMPACTS:
- 475 FEET
- 0.195 ACRES

PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
COMMERCIAL

WETLAND G (DND)

℄ CONST RAMP H

END WALL WITH INTEGRAL BARRIER STA. 108+50.00**

PROP AA MGS TYPE E

PROP BTA MGS TYPE 1

END WALL WITH INTEGRAL BARRIER STA. 108+25.00**

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex LA-R/W

Ex SH

SAW CUT

PROP BARRIER, TYPE C

TBR

+75.7, LON

21" TYPE B

EX 15" STM.

+43.4, LON

PROP AA MGS TYPE E

+75.0

℄ CONST & R/W IR 70

TBRLBO

36" TYPE C

14' x 4' x 18" RCP, TYPE C

PR STORMWATER BASIN

℄ CONST RAMP G

30" TYPE B

℄ CONST & R/W TAYLOR RD

15" TYPE B

12" TYPE B

24" TYPE A

PROP AA MGS TYPE T

STRUCTURE NO. FAI-00204A-00.460

PC STA. 115+53.01

PID: 036-05963.00
HAAF FARMS HOA
TAYLOR ROAD NW
RESIDENTIAL

PID: 036-05964.00
NETSAI GILBERT TRUSTEE OF THE NETSAI GILBERT TRUST AGREEMENT DATED AUGUST 20, 2021
13639 MOTTLESTONE DRIVE NW
RESIDENTIAL

℄ CONST RAMP J

PID: 036-05695.00
LESLIE K. BAUKNIGHT & TILLMAN A. BAUKNIGHT, II
LOT 217 HAAF FARMS
13657 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-00734.00
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

℄ CONST RAMP I

PROP AA MGS TYPE T

TREES TBR

PROP AA MGS TYPE E

12" TYPE B

12" TYPE C

EX 4" GAS

GRAVEL DRIVE (TBR)

PID: 036-00789.00
IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

CURVE DATA
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'
e_{MAX} = 0.042

HALF SECTION 26
HALF SECTION 35

LICKING COUNTY
FAIRFIELD COUNTY

MATCH LINE STA. 104+50.00, SEE SHEET P.0319

MATCH LINE STA. 117+00.00, SEE SHEET P.0325

24 STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

26 STA. 41+15.09, ℄ CONST & R/W TAYLOR RD = STA. 112+93.76, ℄ CONST & R/W IR 70

27 STA. 111+84.30, ℄ CONST RAMP G = STA. 36+30.00, ℄ CONST & R/W TAYLOR RD

28 STA. 110+13.40, ℄ CONST RAMP J = STA. 36+25.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 104+50.00 TO STA. 117+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 10 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:18:12 AM USER: brieder
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DESIGN AGENCY: STRUCTUREPOINT INC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0323 | TOTAL: P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:09:10 AM USER: brieder
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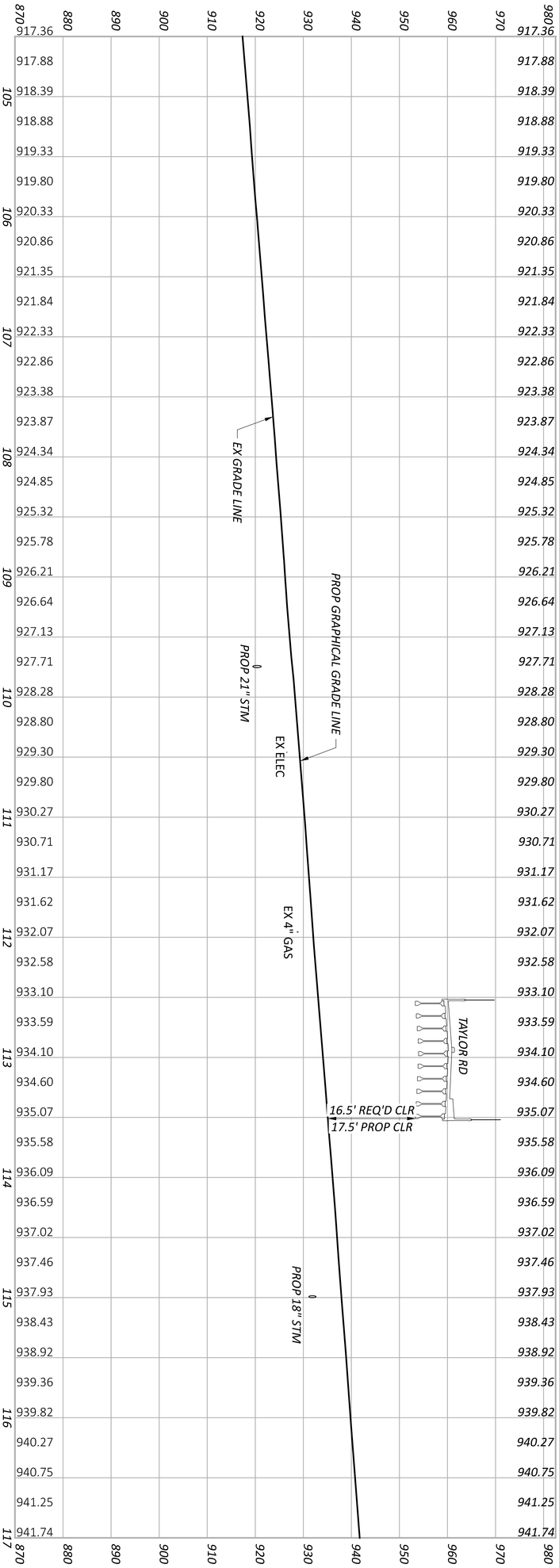
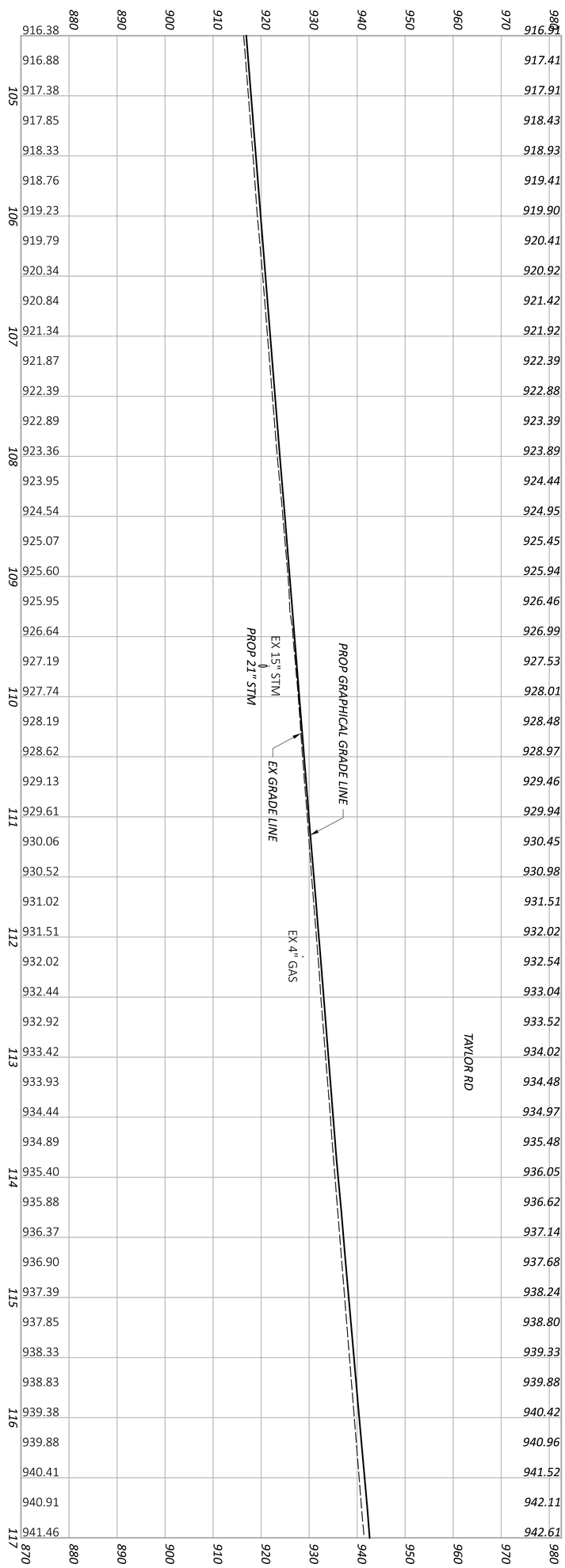


IR 70 EB



IR 70 WB

SHEET	TOTAL
P.0324	P.2024

PROJECT ID	REVIEWER
96808	KAM 08/07/26

DESIGNER	DESIGN AGENCY
BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 104+50.00 TO STA. 117+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 11 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:18:40 AM USER: brieder
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LEGEND

- *OVERLAY/PLANING*
- *CONSTRUCTION LIMITS*

EROSION CONTROL

- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*
- *ITEM 670 - DITCH EROSION PROTECTION*

HORIZONTAL SCALE IN FEET
0 25 50 100

PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST
DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 036-00789.00
IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

PID: 012-027450-01.000
FISH BELLY LLC
10571 TAYLOR ROAD SW
RESIDENTIAL

PID: N/A
HOMEWOOD CORPORATION

CURVE DATA
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'
e_{sup} = 0.042
P.C. = STA. 115+53.01
P.T. = STA. 137+85.08

HALF SECTION 26
HALF SECTION 35
LICKING COUNTY
FAIRFIELD COUNTY
R/W
GRAVEL DRIVE (TBR)
℄ CONST RAMP I
END RAMP I & CONC PVMT STA 125+02.30
BEGIN PVMT TAPER LT. +85.56
PROP AA MGS TYPE T
PROP AA MGS TYPE E
SAW CUT
TBR
LA-R/W
Ex LA-R/W
℄ CONST & R/W IR 70
℄ CONST RAMP J
+10, LON
+28.8, LON
BEGIN SHLDR TAPER RT. +49.94
END PVMT & SHLDR TAPER RT. +46.98
END RAMP J & CONC PVMT STA. 120+44.38
BEGIN PVMT TAPER RT. +45.96
BEGIN SHLDR TAPER RT. +91.13
END SHLDR TAPER RT. +40.28
PROP NOISE WALL
24" TYPE B
27" TYPE B
18" STM
MATCH LINE STA. 117+00.00, SEE SHEET P.0323
MATCH LINE STA. 129+50.00, SEE SHEET P.0327

PID: 036-05696.00
THOMAS B. PHOMMASATHIT & BOUNTHANH PHOMMASATHIT
LOT 218 HAAF FARMS
13677 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05697.00
DAVID F. BURROUGHS & DAWN E. BURROUGHS
LOT 219 HAAF FARMS SEC
13693 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05698.00
DUANE GOSA
LOT 220 HAAF FARMS
13711 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05699.00
DAVID A. POWELL
LOT 221 HAAF FARMS
13725 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05700.00
WAGNER LOUIS-CHARLES & ALISHARIM K. LOUIS-CHARLES
LOT 222 HAAF FARMS
13743 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05701.00
TENNANT RENE L.
O.R. 1682, PG.1272
LOT 223 HAAF FARMS
13761 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05702.00
NIKOLCE STOJANOVSKI & MARINA STOJANOVSKA
LOT 224 HAAF FARMS
13779 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05703.00
NEAL L. MORTON & CHRISTINE D. MORTON
LOT 225 HAAF FARMS
13791 MOTTLESTONE DRIVE NW
RESIDENTIAL

PID: 036-05704.00
JOE H. JACKSON & THERESA J. JACKSON
LOT 226 HAAF FARMS
13803 MOTTLESTONE DRIVE NW
RESIDENTIAL

32 *STA. 122+60.00, ℄ CONST RAMP J = STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70*

PLAN SHEET - IR 70
STA. 117+00.00 TO STA. 129+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0325 TOTAL P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:33 AM USER: brieder
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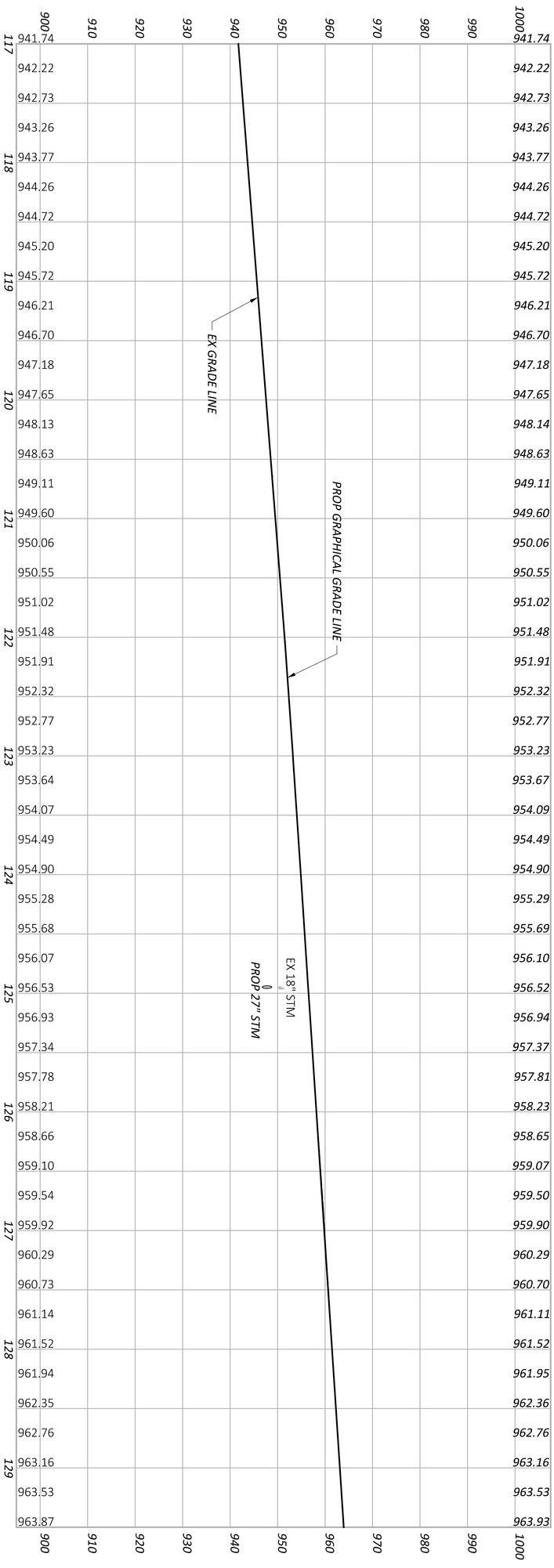
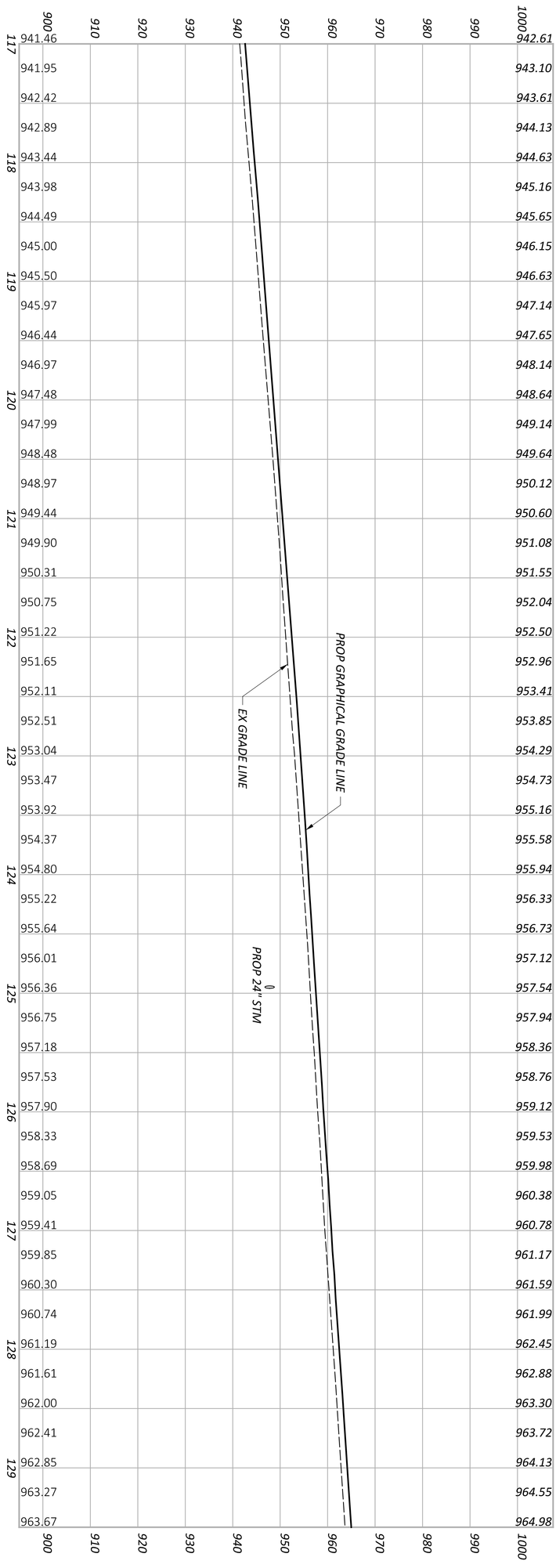


IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0326	P 2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 117+00.00 TO STA. 129+50.00

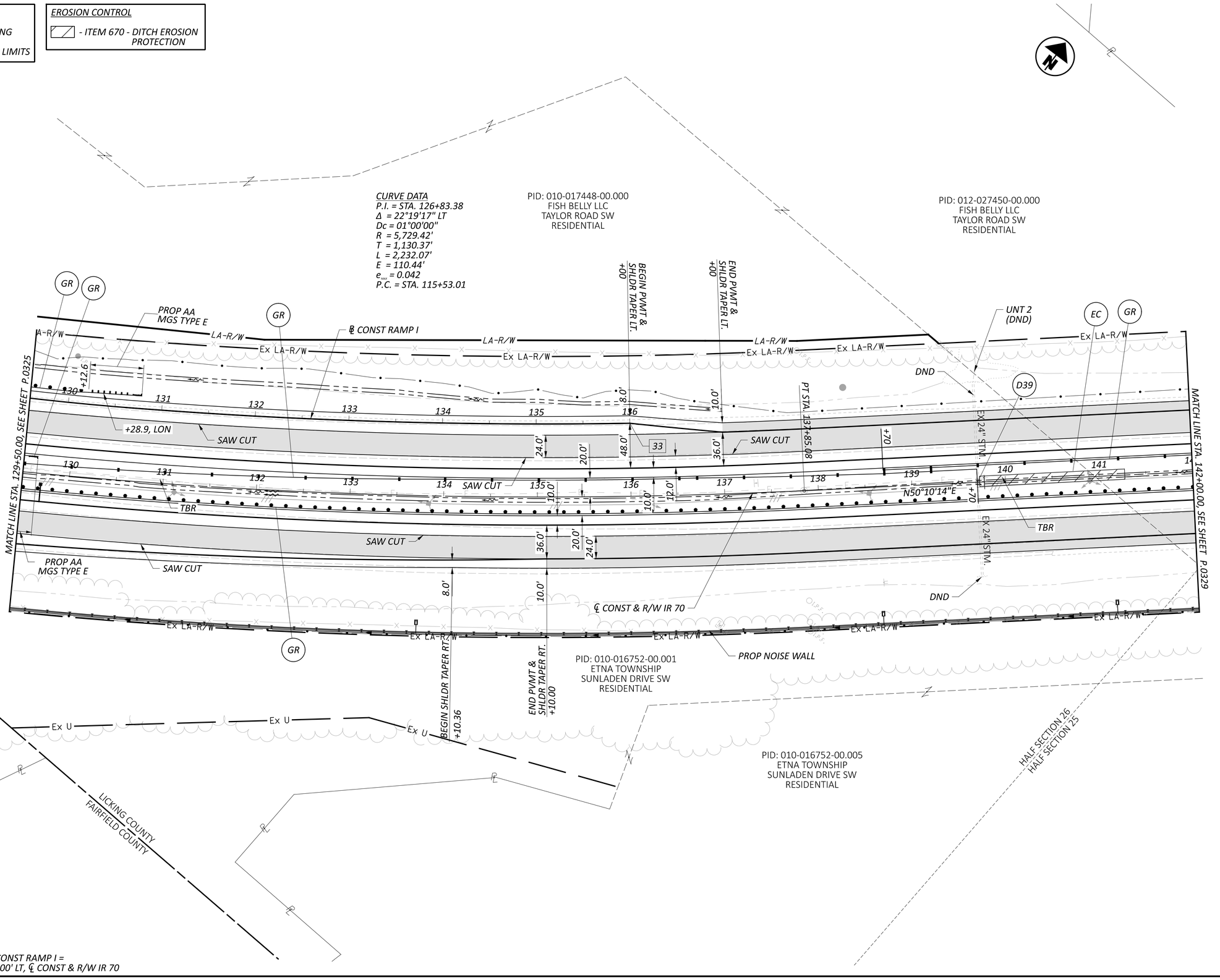
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 25 50 100



33 STA. 136+00.00, ℄ CONST RAMP I = STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70

PLAN SHEET - IR 70
STA. 129+50.00 TO STA. 142+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0327 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 12 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:19:08 AM USER: brieder
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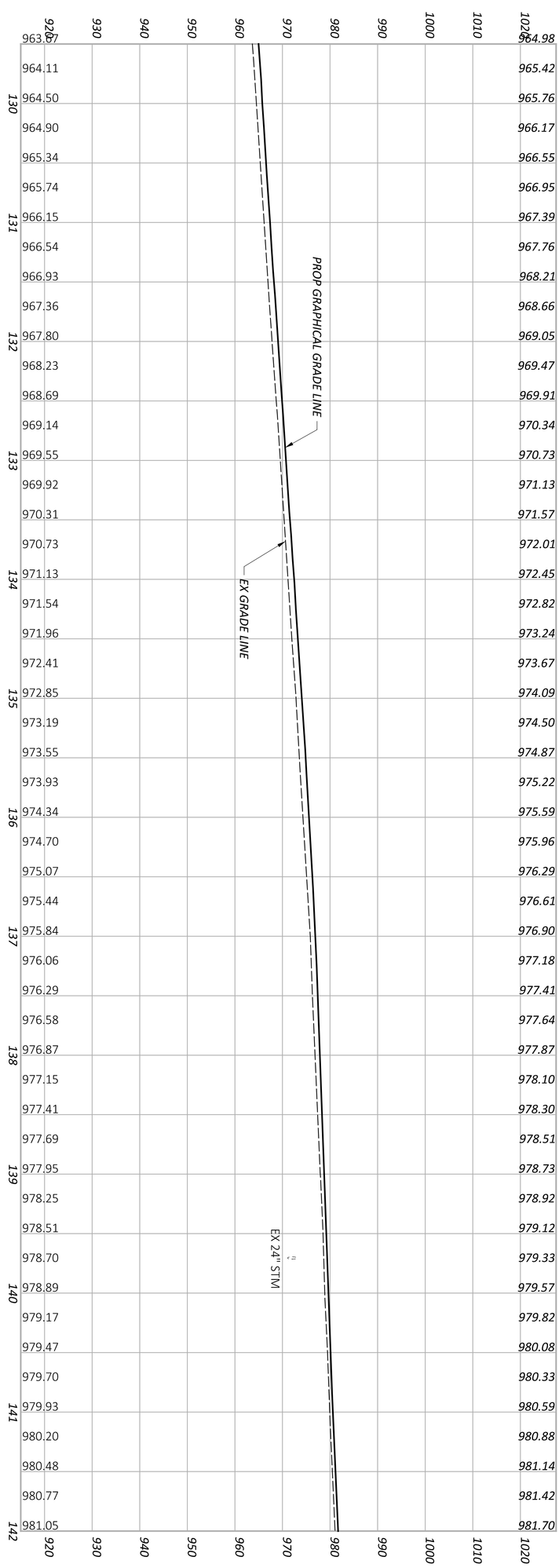
IR 70 EB



IR 70 WB

SHEET	TOTAL
P 0328	P 2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

PROFILE - IR 70
STA. 129+50.00 TO STA. 142+00.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 012-028452-00.000
DIANE P. TAYLOR
153 BROOK DRIVE SW
RESIDENTIAL

PID: 012-028350-00.000
JOHN H. VOGEL
117 BROOK DRIVE SW
RESIDENTIAL

PID: 012-027450-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 010-018240-00.000
KENTON FAIRCHILD II
14787 PALMER RD. SW
RESIDENTIAL

HALF SECTION 26
HALF SECTION 25

Ex LA-R/W

PROP AA MGS TYPE T

PROP AA MGS TYPE E

+75

+87.5

+00

+23.5, LON

GR

10.0'

36.0'

24.0'

20.0'

℄ CONST & R/W IR 70

SAW CUT

MATCH LINE STA. 142+00.00, SEE SHEET P.0327

MATCH LINE STA. 154+50.00, SEE SHEET P.0331

142 143 144 145 146 147 148 149 150 151 152 153 154

N50°10'14"E

BEGIN CONCRETE BARRIER, TYPE D
STA 153+12.00

PROP BTA MGS TYPE 1

+87.6

C

CB

PROP NOISE WALL

PID: 010-016752-00.001
ETNA TOWNSHIP
SUNLADEN DRIVE SW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 142+00.00 TO STA. 154+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0329 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 13 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:19:30 AM USER: brieder
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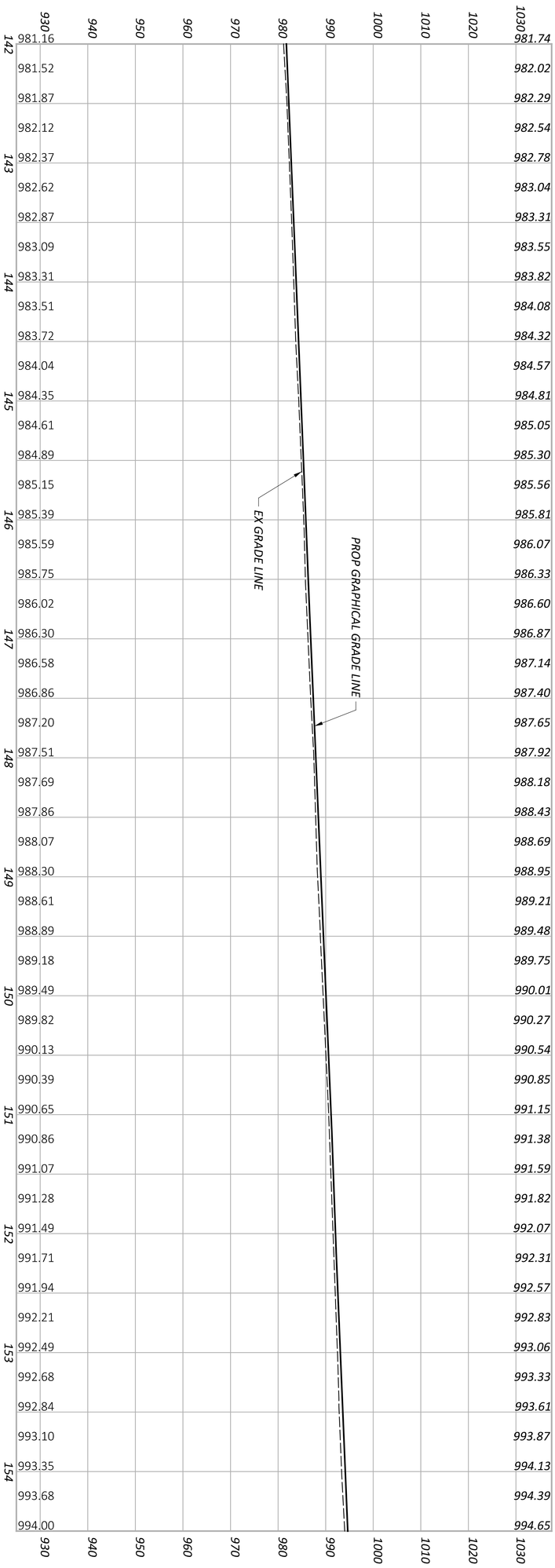
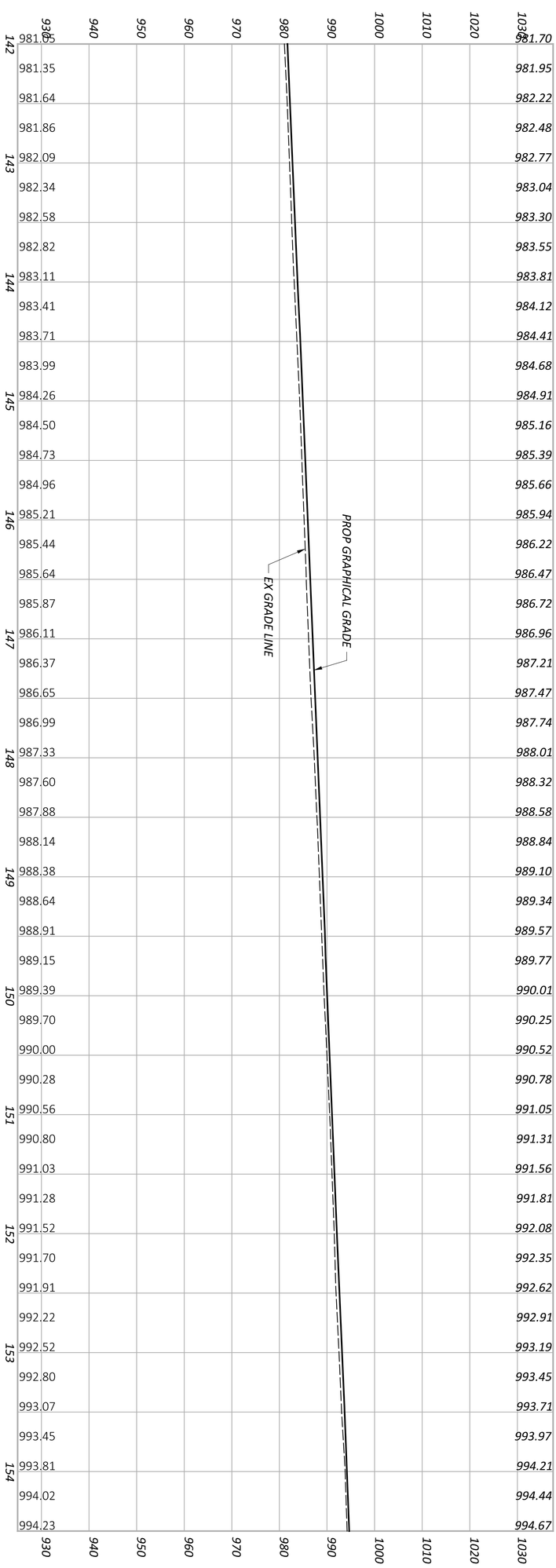


IR 70 EB



IR 70 WB

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 0330	P 2024	96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

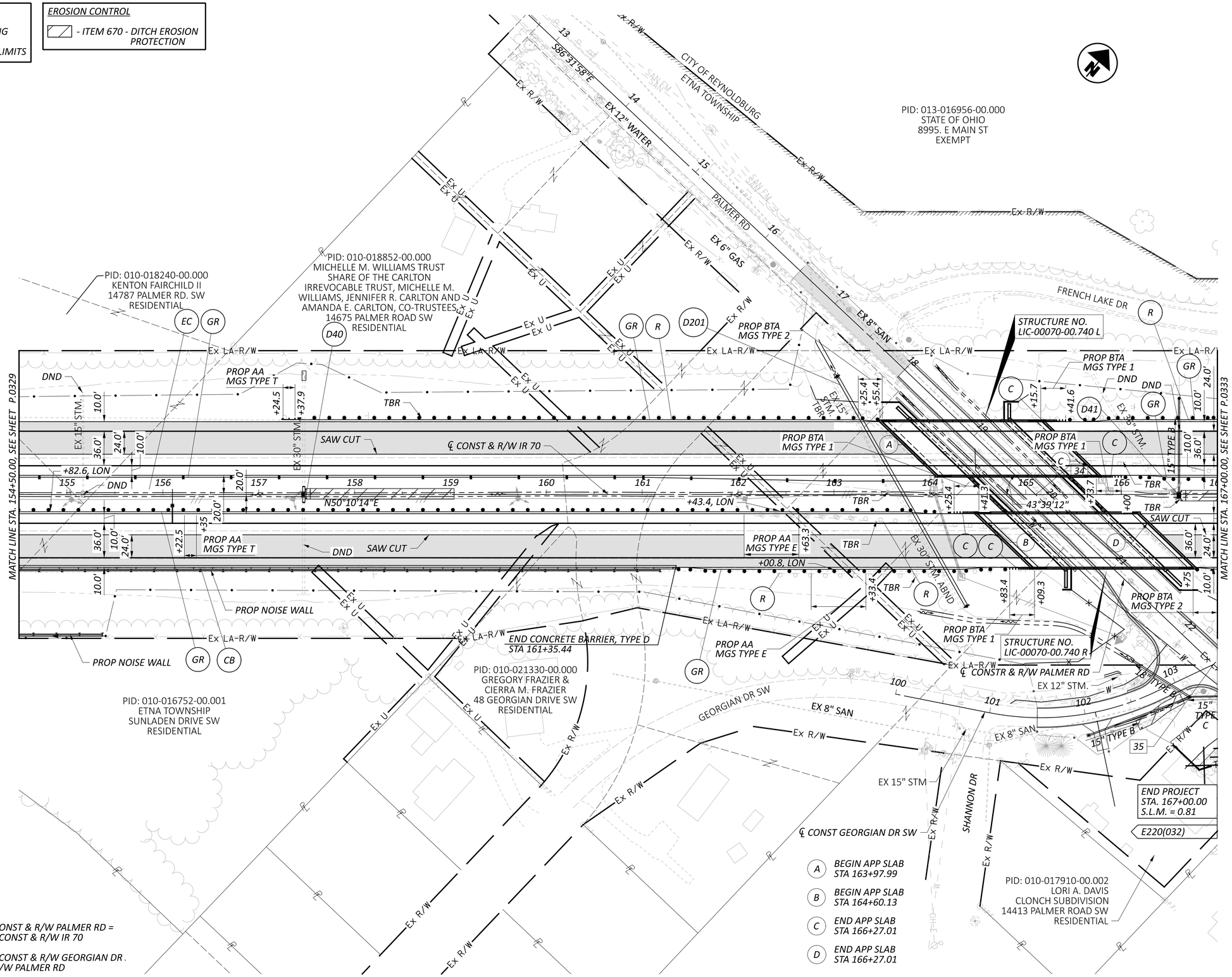
PROFILE - IR 70
STA. 142+00.00 TO STA. 154+50.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION



A BEGIN APP SLAB STA 163+97.99

B BEGIN APP SLAB STA 164+60.13

C END APP SLAB STA 166+27.01

D END APP SLAB STA 166+27.01

34 STA. 19+88.66, ℄ CONST & R/W PALMER RD = STA. 165+10.33, ℄ CONST & R/W IR 70

35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR . STA. 22+45.49, ℄ R/W PALMER RD

HORIZONTAL SCALE IN FEET 0 25 50 100

PLAN SHEET - IR 70
STA. 154+50.00 TO STA. 167+00.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0331 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 14 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:19:57 AM USER: brieder
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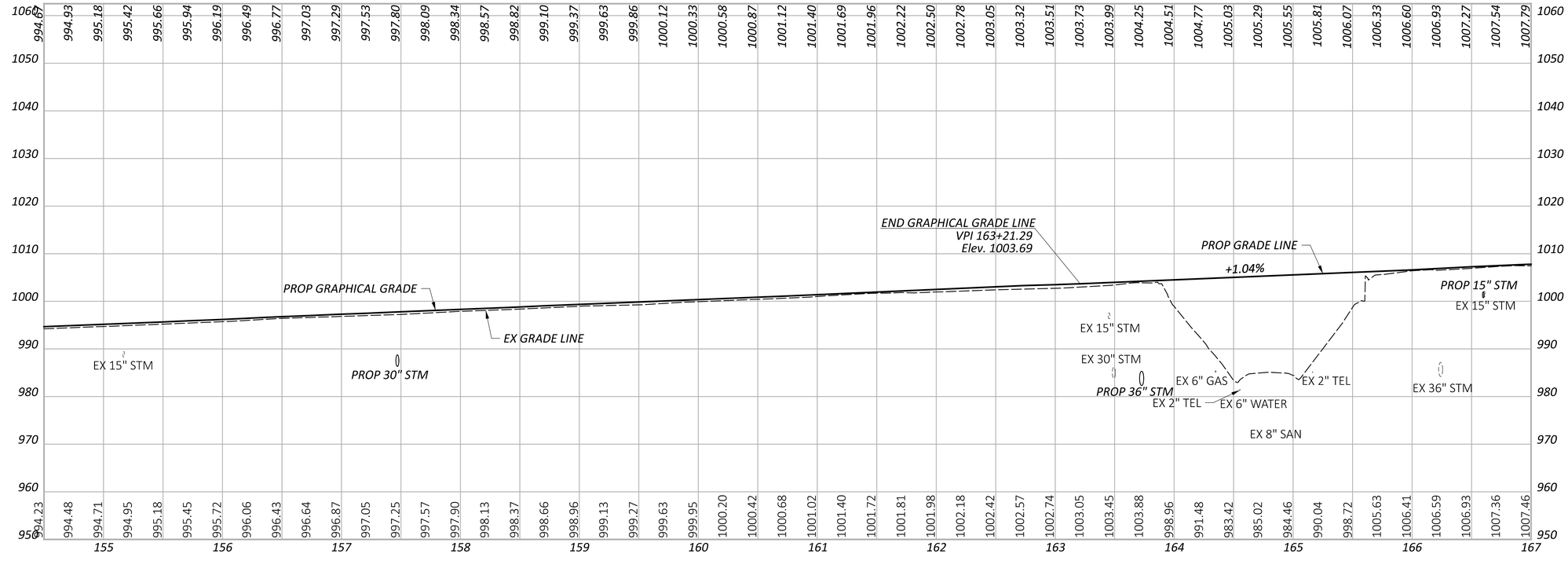
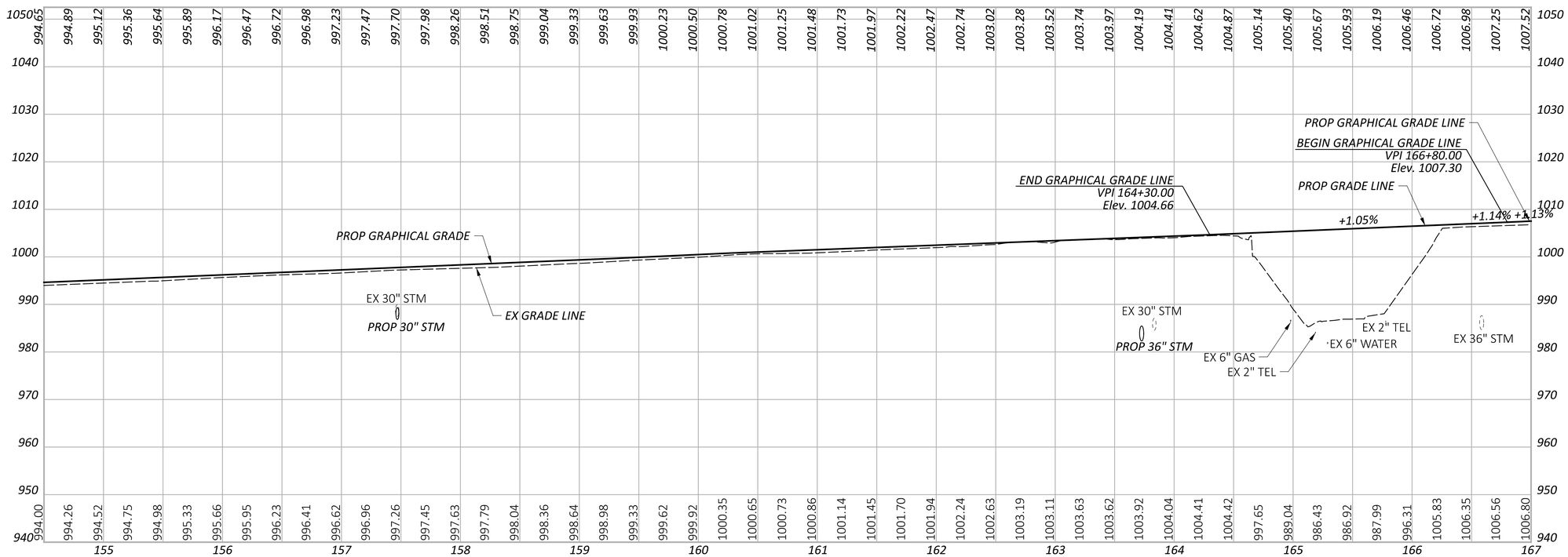


IR 70 WB



IR 70 EB

PROFILE - IR 70
STA. 154+50.00 TO STA. 167+00.00

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0332 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:22:44 AM USER: brieder
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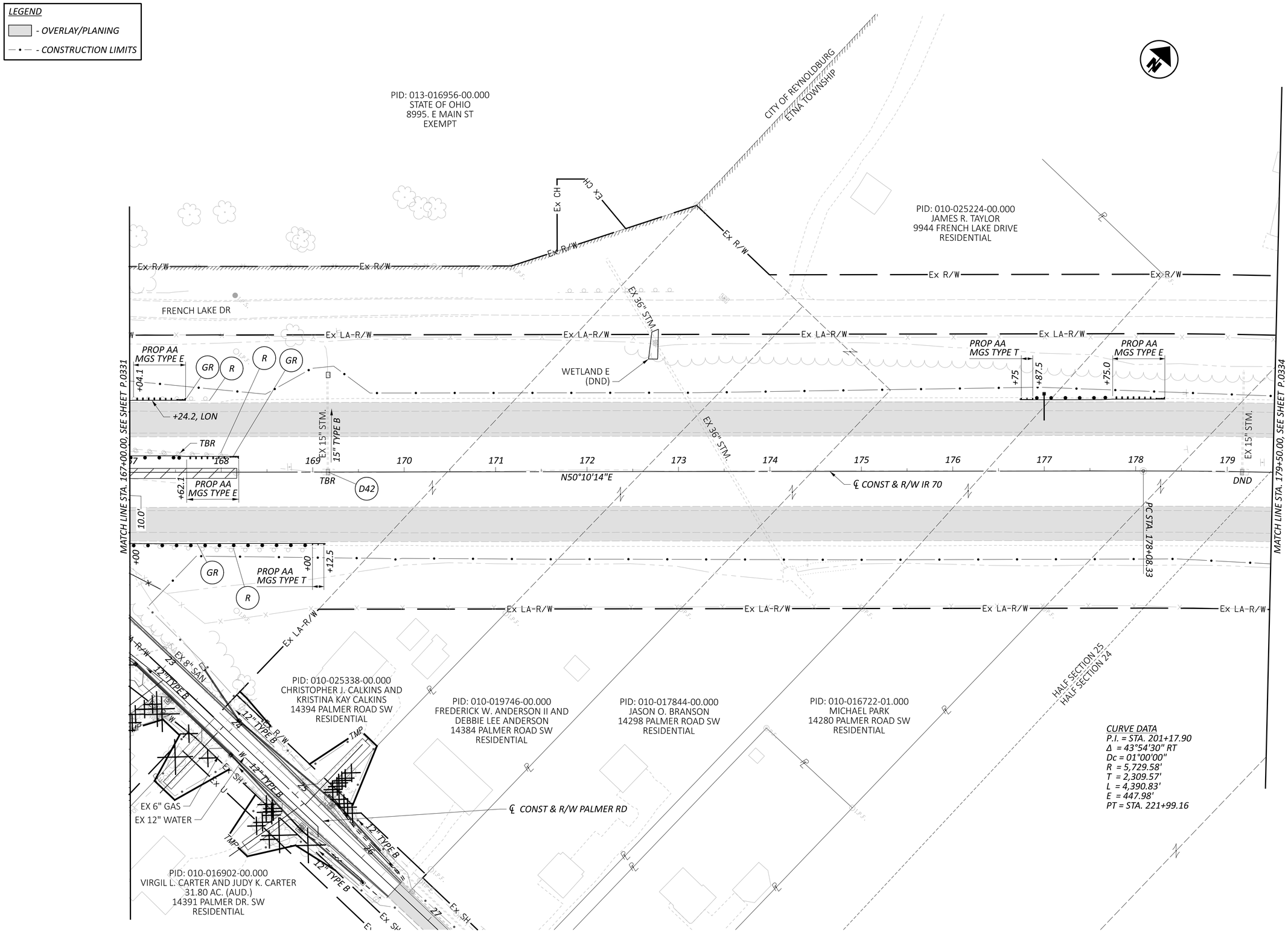

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN SHEET - IR 70
STA. 167+00.00 TO STA. 179+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0333 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 15 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:20:25 AM USER: brieder
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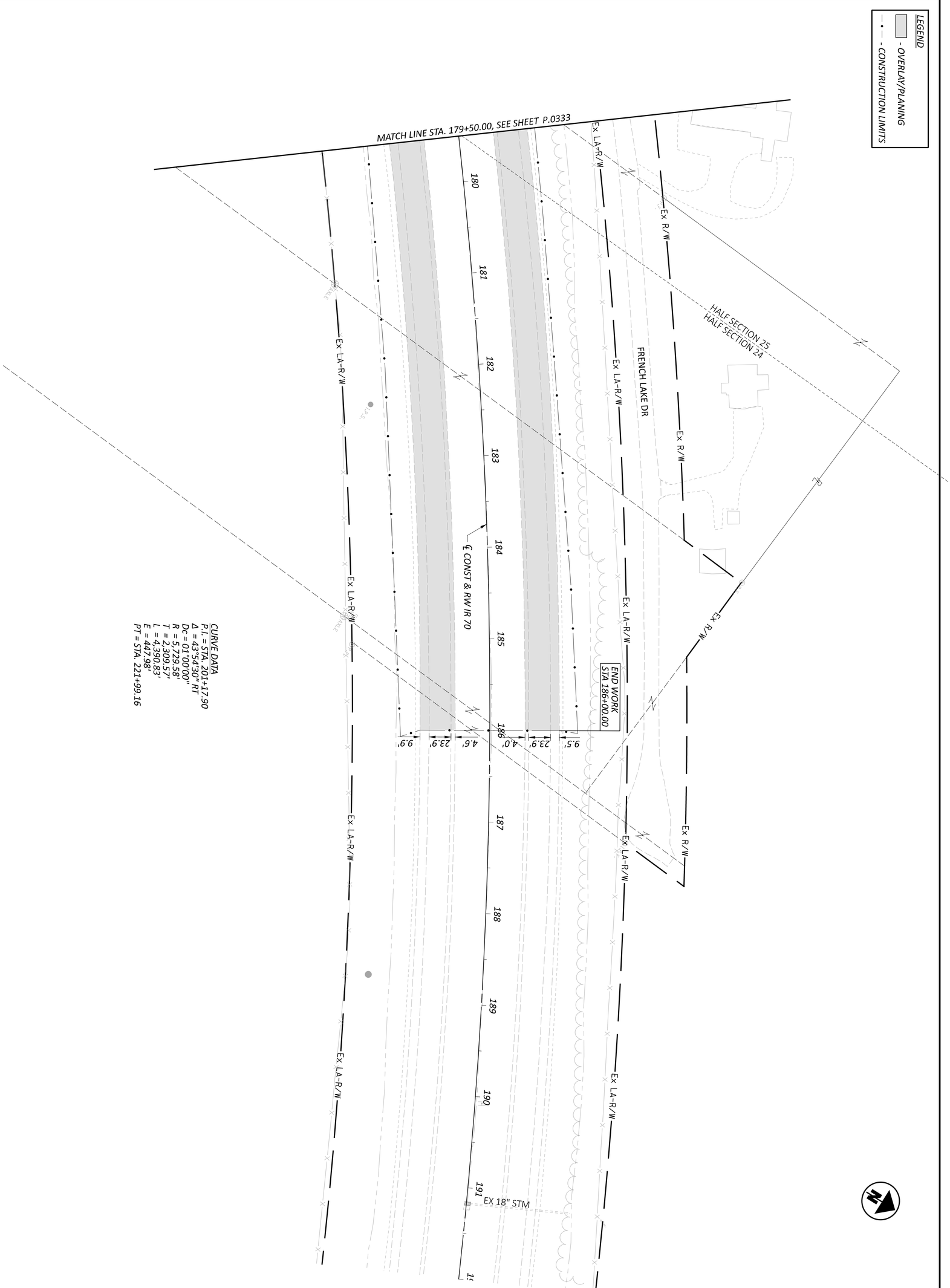
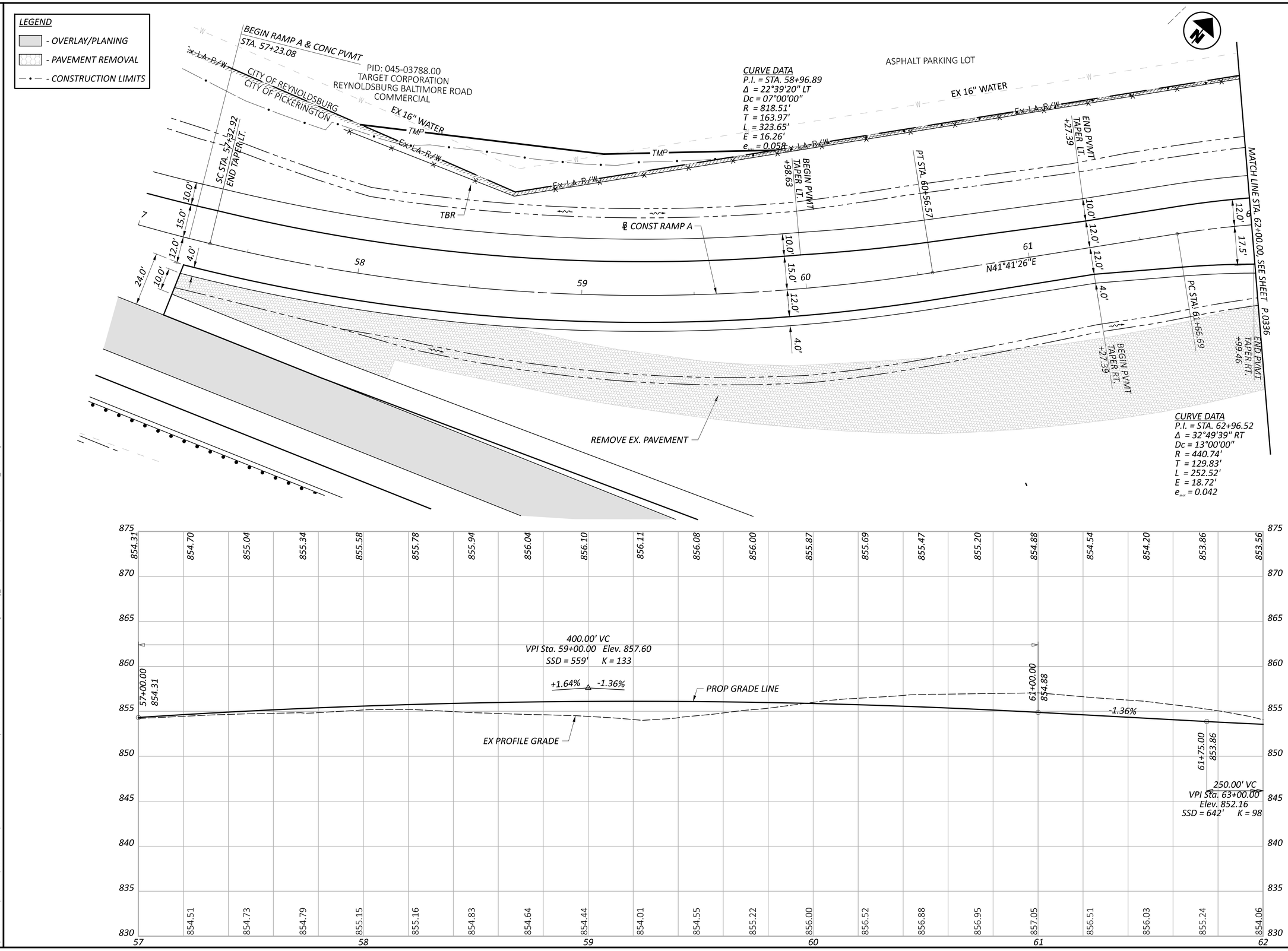


DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P 0334	P 2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PLAN SHEET - IR 70
STA. 179+50.00 TO STA. 192+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET 0 10 20 40

PLAN AND PROFILE - RAMP A
STA. 57+00.00 TO STA. 62+00.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0335 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:16:03 PM USER: brieder
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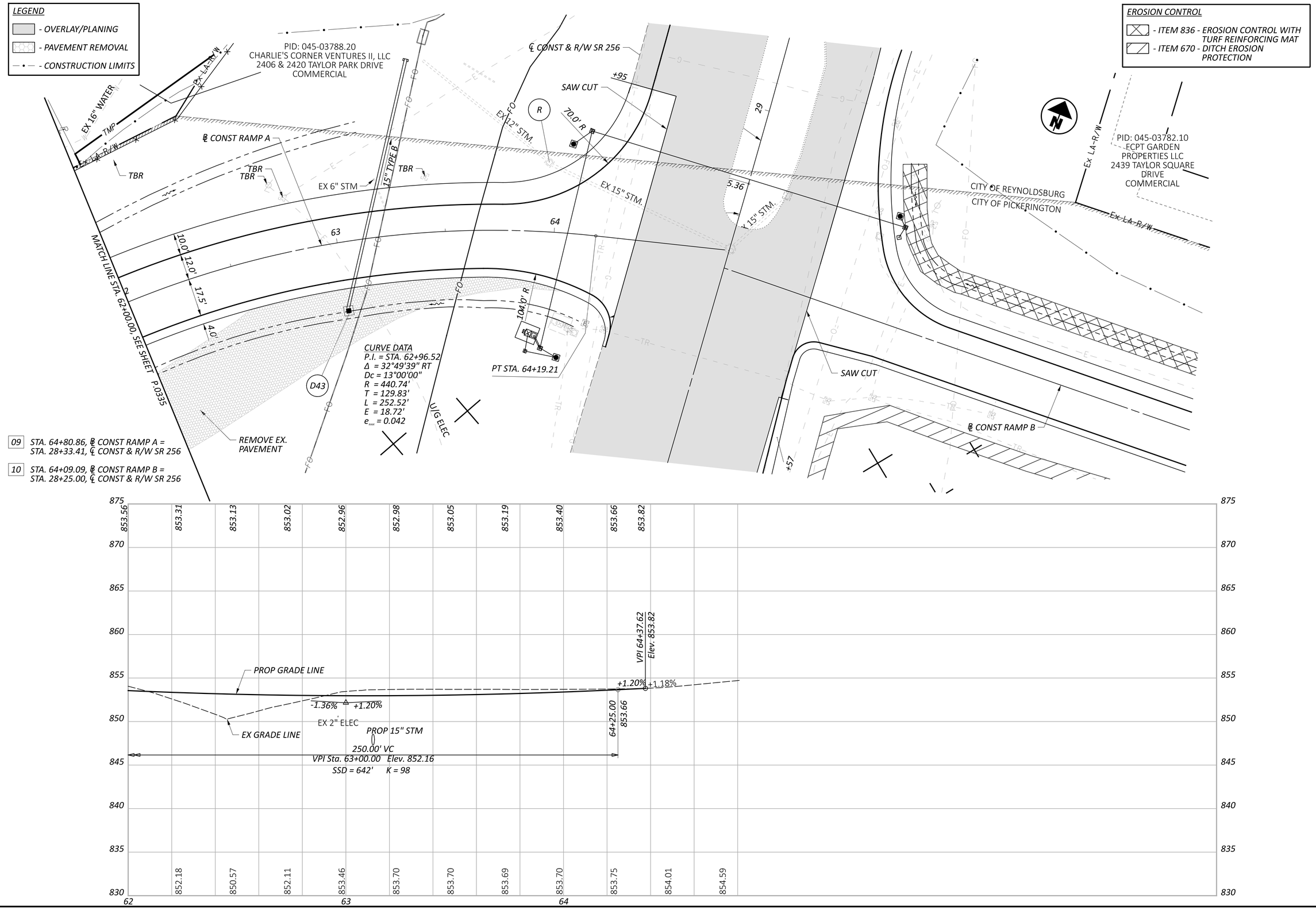

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP A
STA. 62+00.00 TO STA. 64+80.86

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0336 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:16:22 PM USER: brieder
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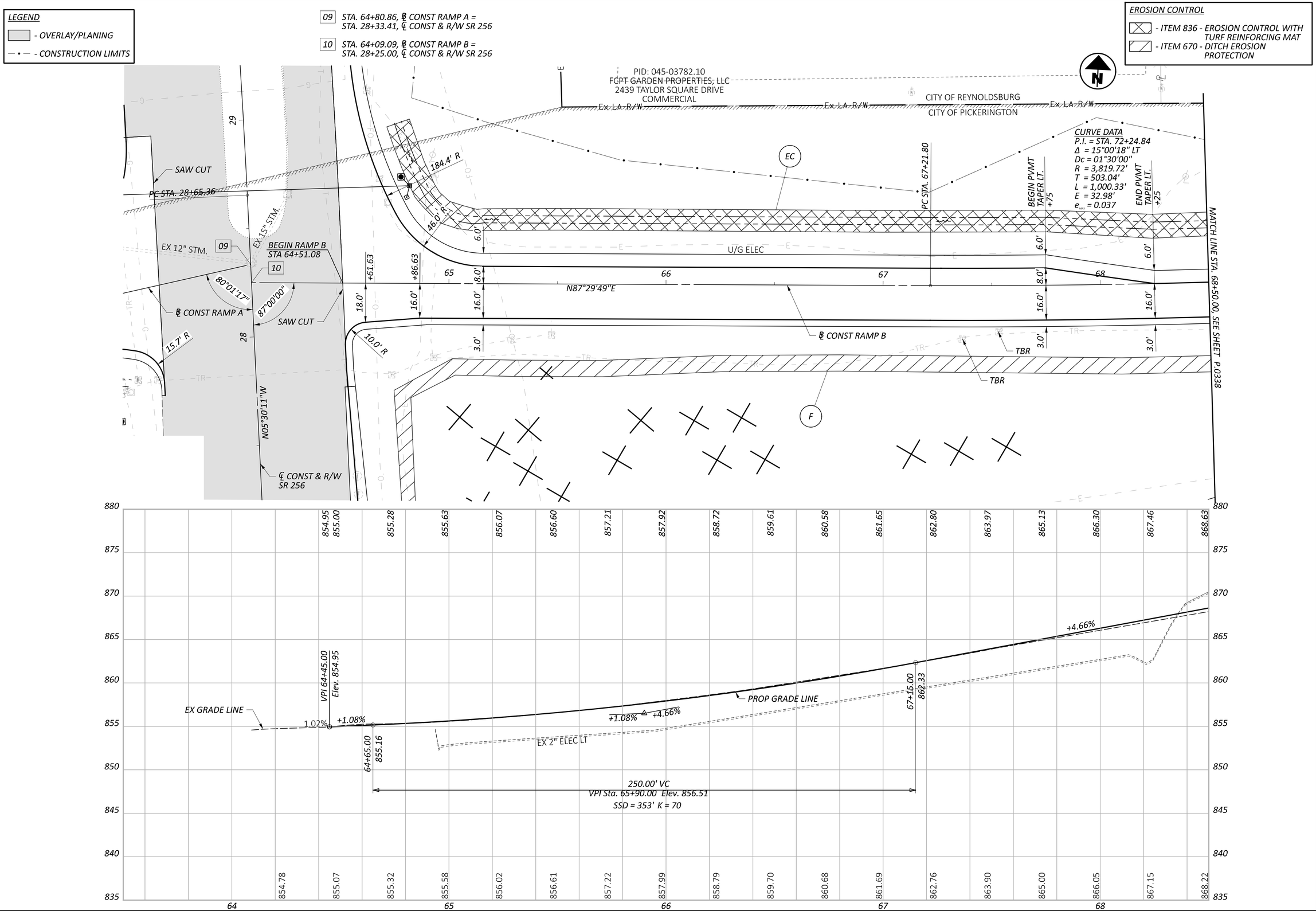

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP B
STA. 64+09.09 TO STA. 68+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0337 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:16:45 PM USER: brieder
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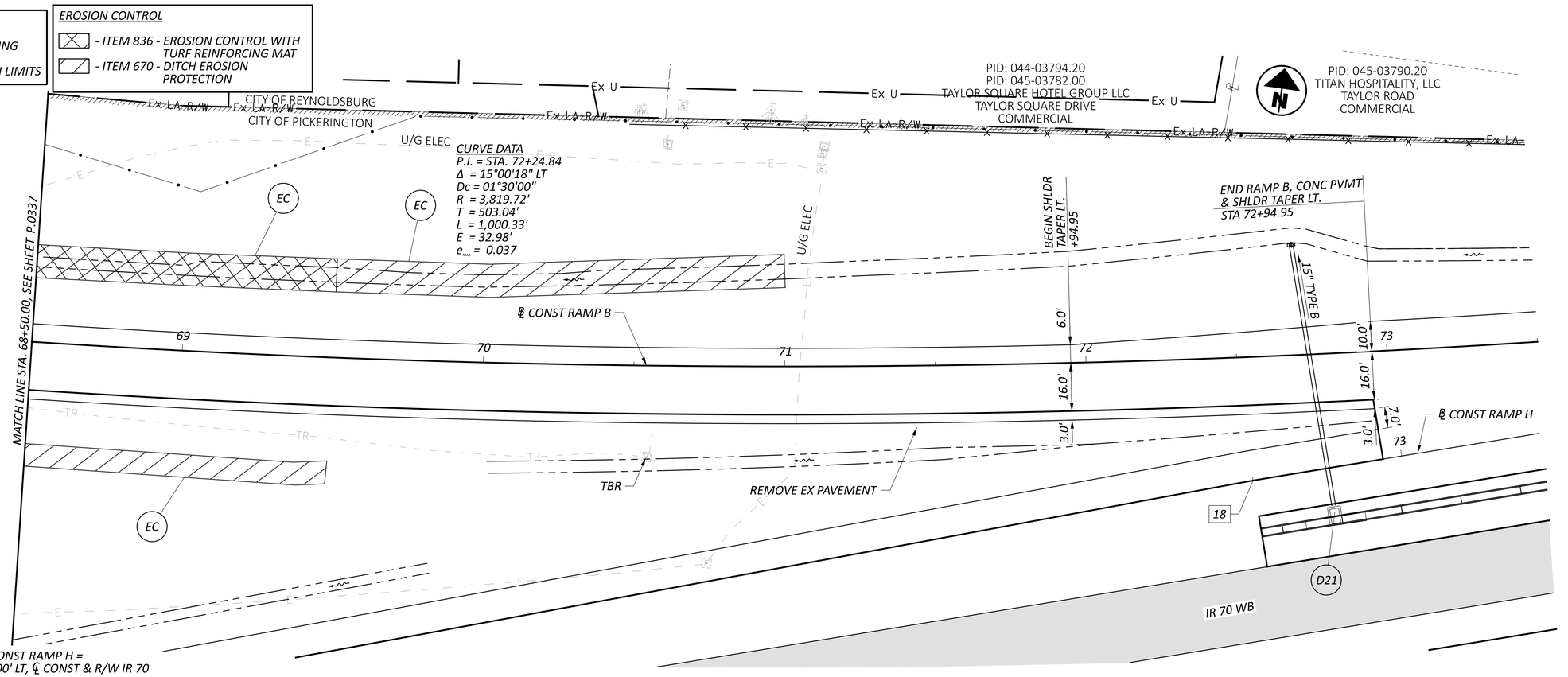
LEGEND

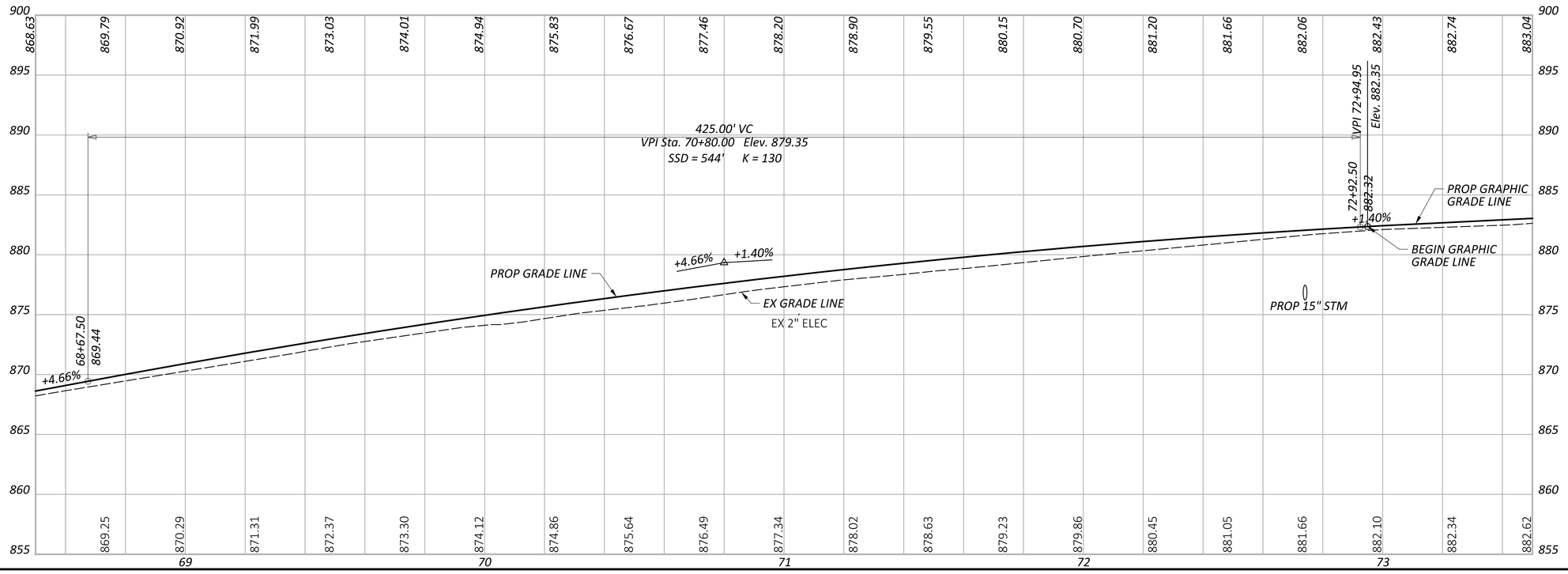
- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION



18 STA. 72+50.00, ℄ CONST RAMP H =
STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP B
STA. 68+50.00 TO STA. 73+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0338 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:16:59 PM USER: brieder
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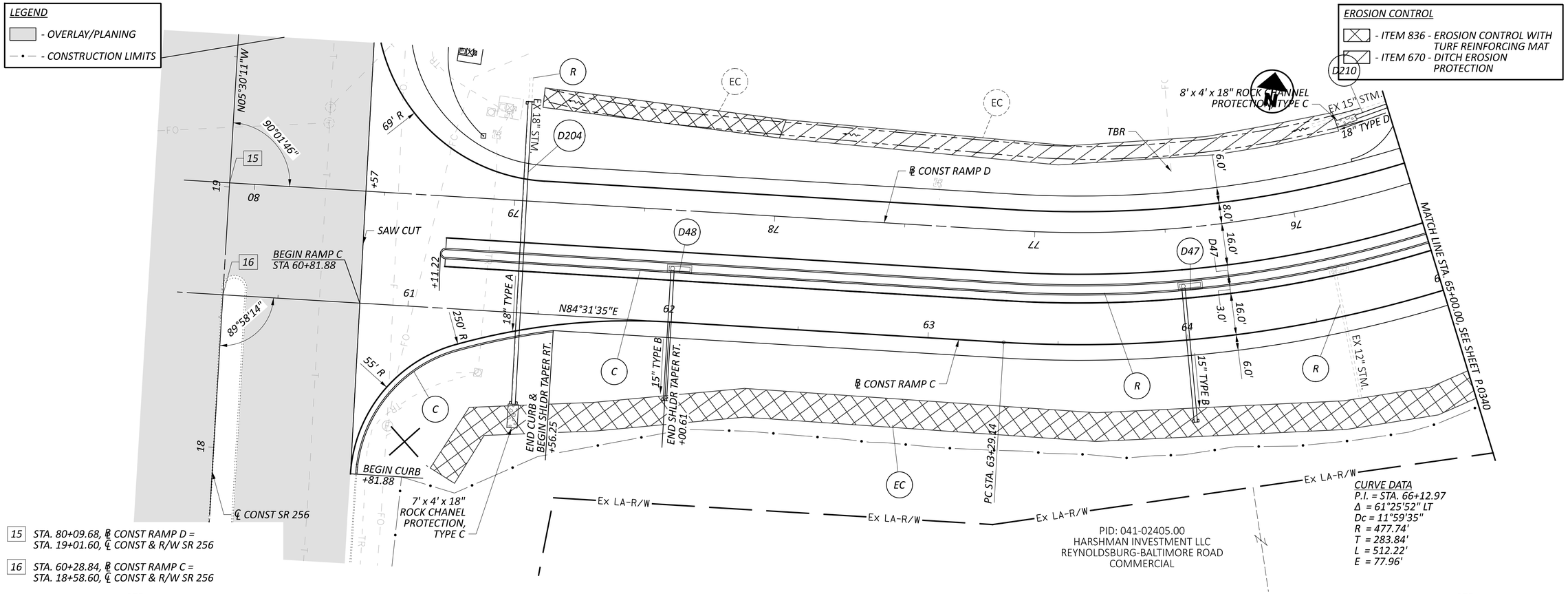

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 60+28.84 TO STA. 65+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0339 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:17:16 PM USER: brieder
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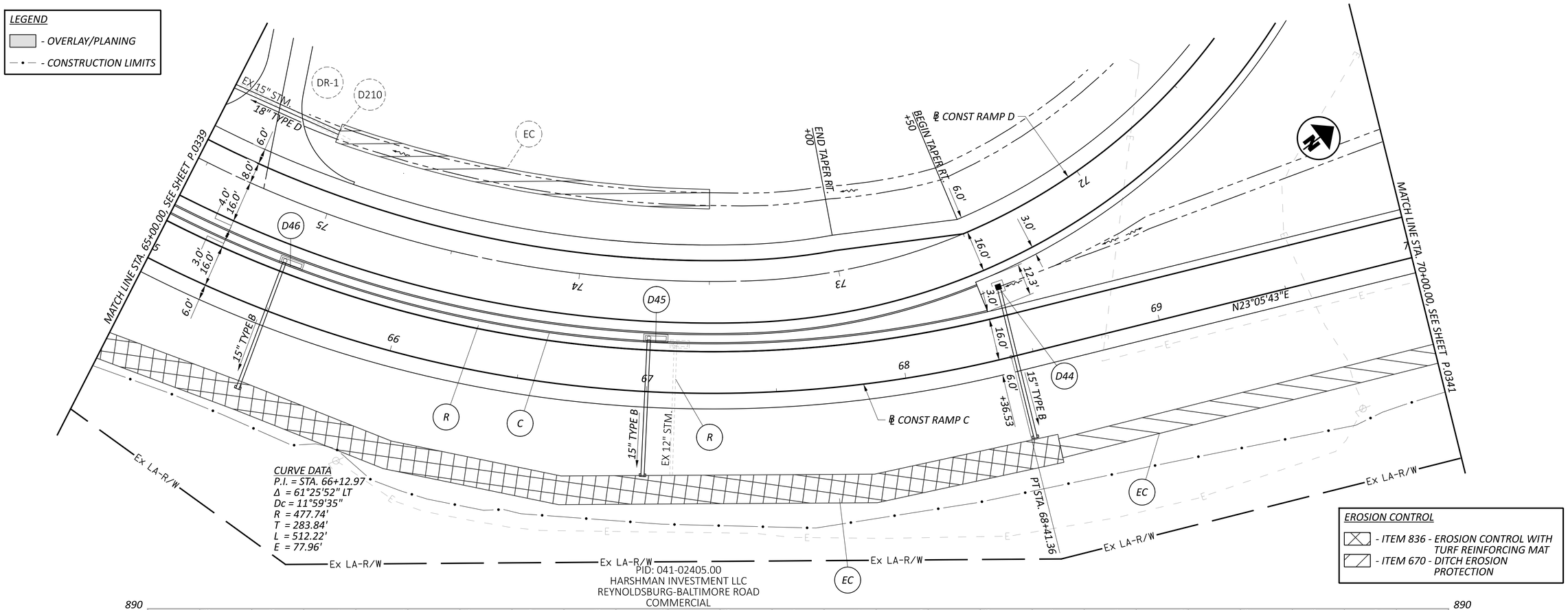

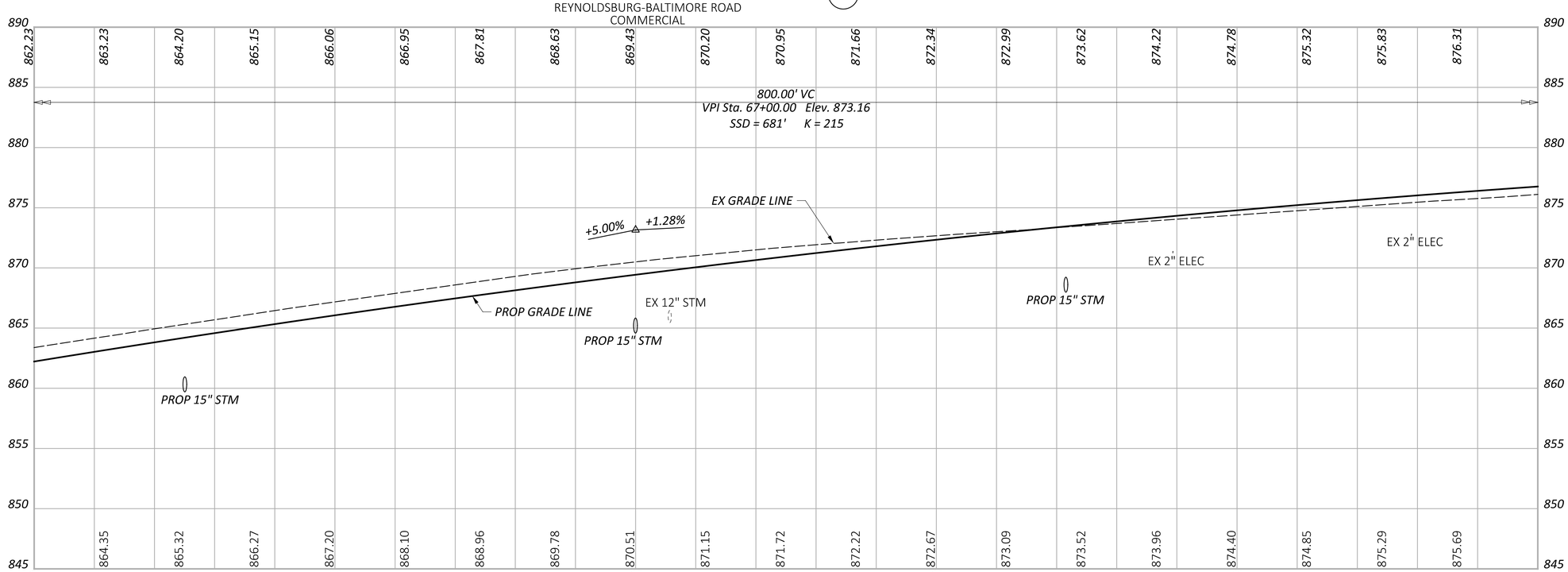

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 65+00.00 TO STA. 70+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0340 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:17:28 PM USER: brieder
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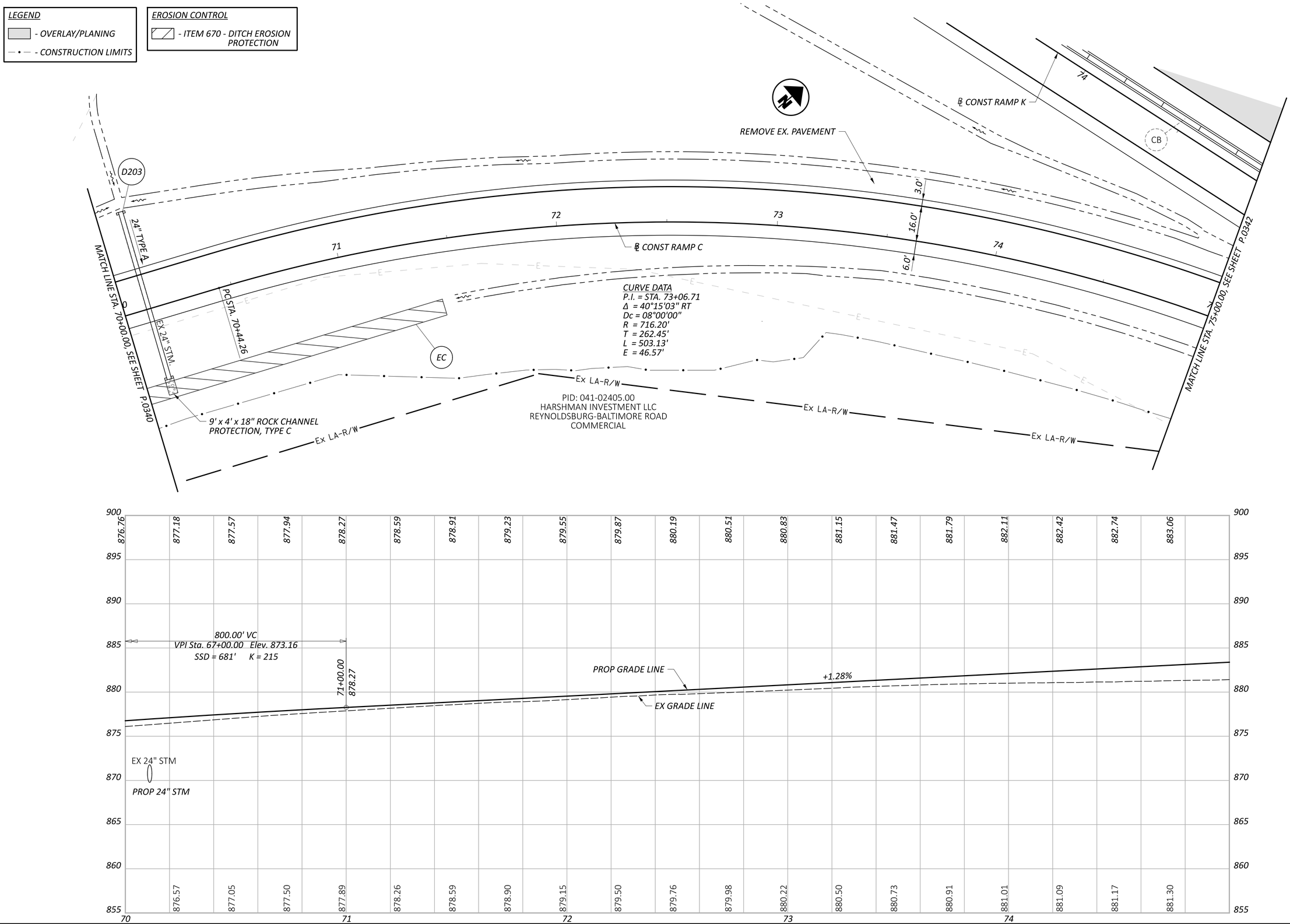

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 70+00.00 TO STA. 75+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0341 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:17:40 PM USER: brieder
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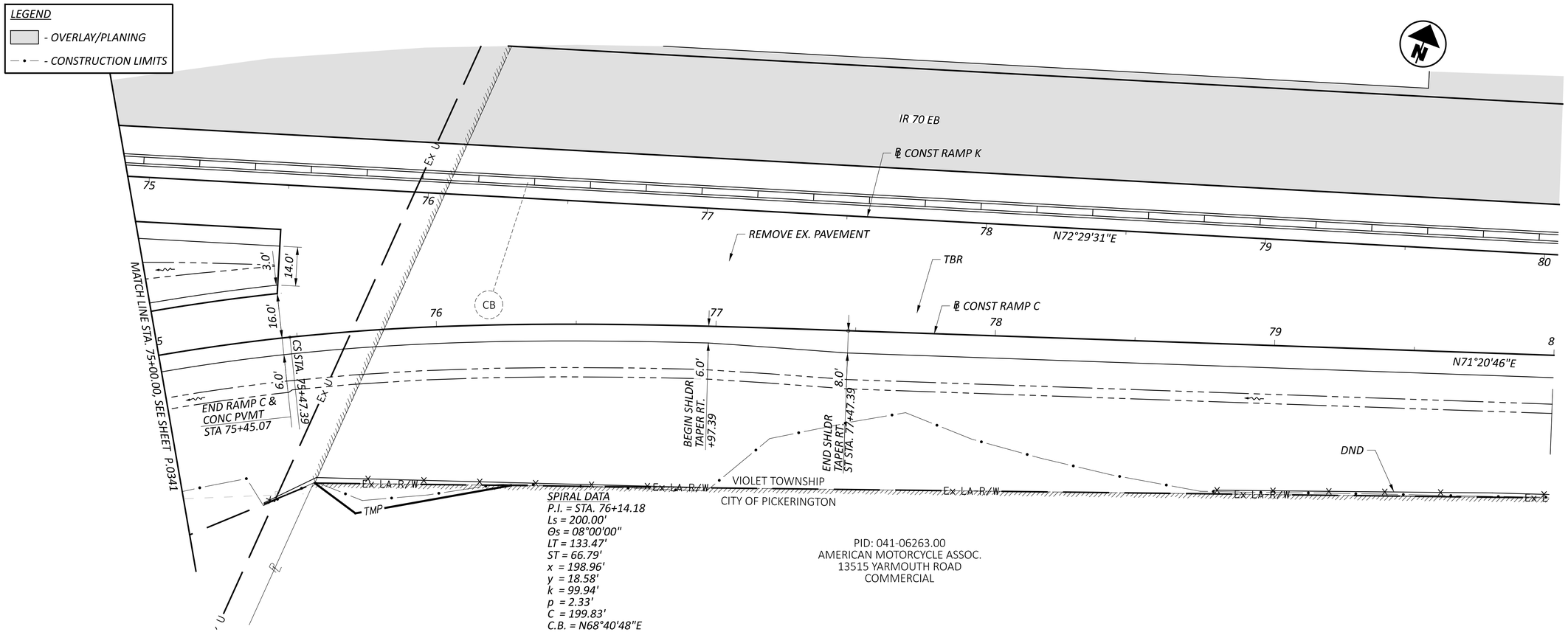

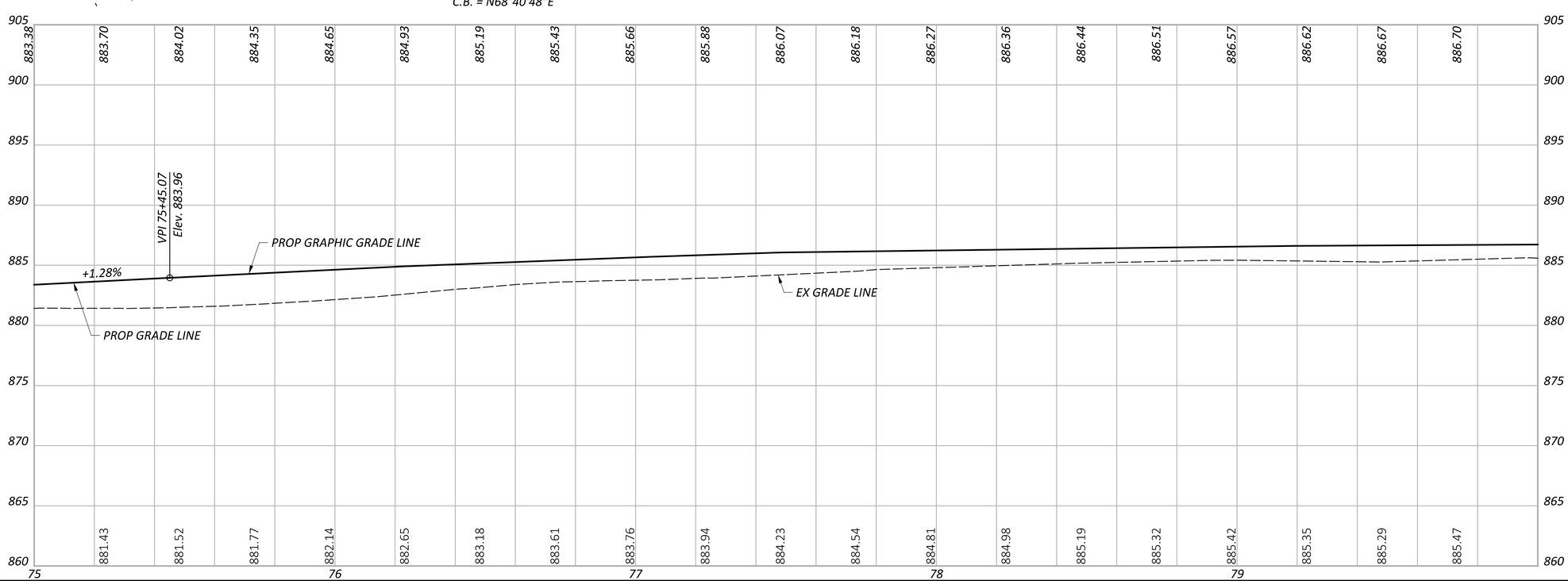

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP C
STA. 75+00.00 TO STA. 80+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0342 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:17:56 PM USER: brieder
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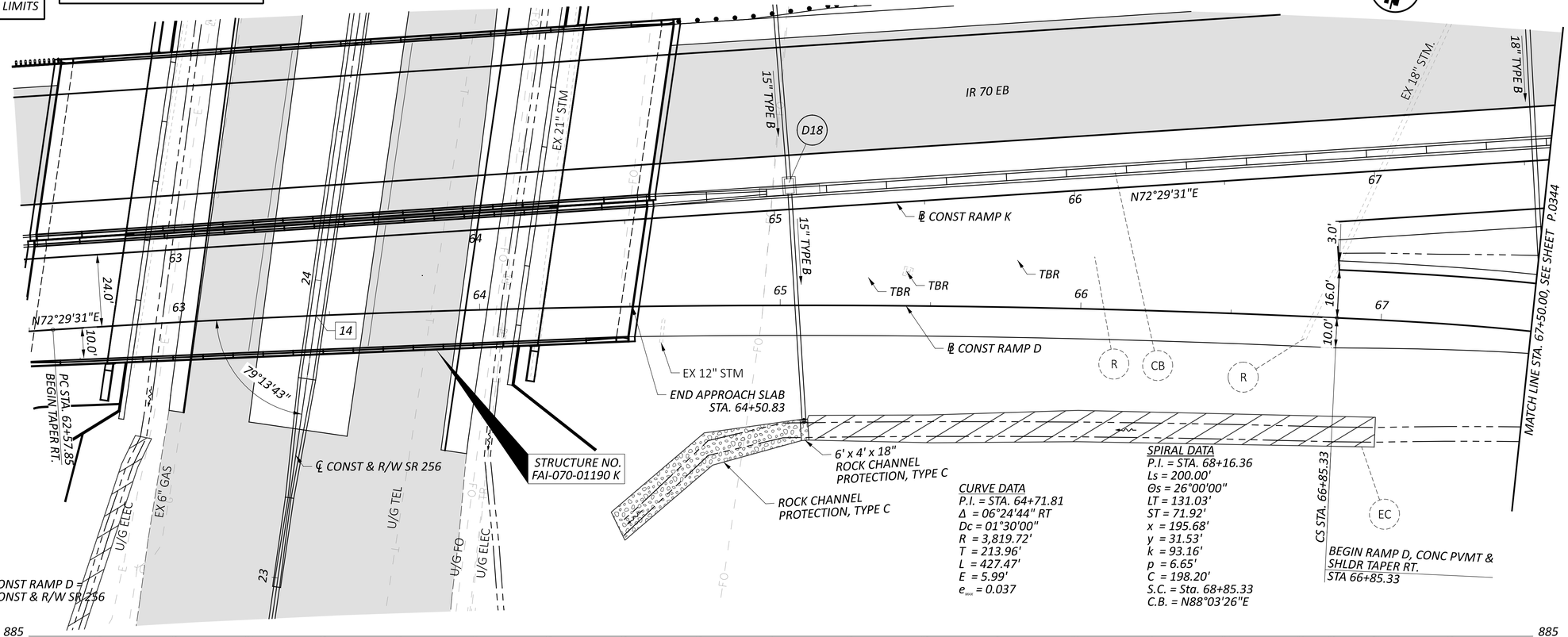
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

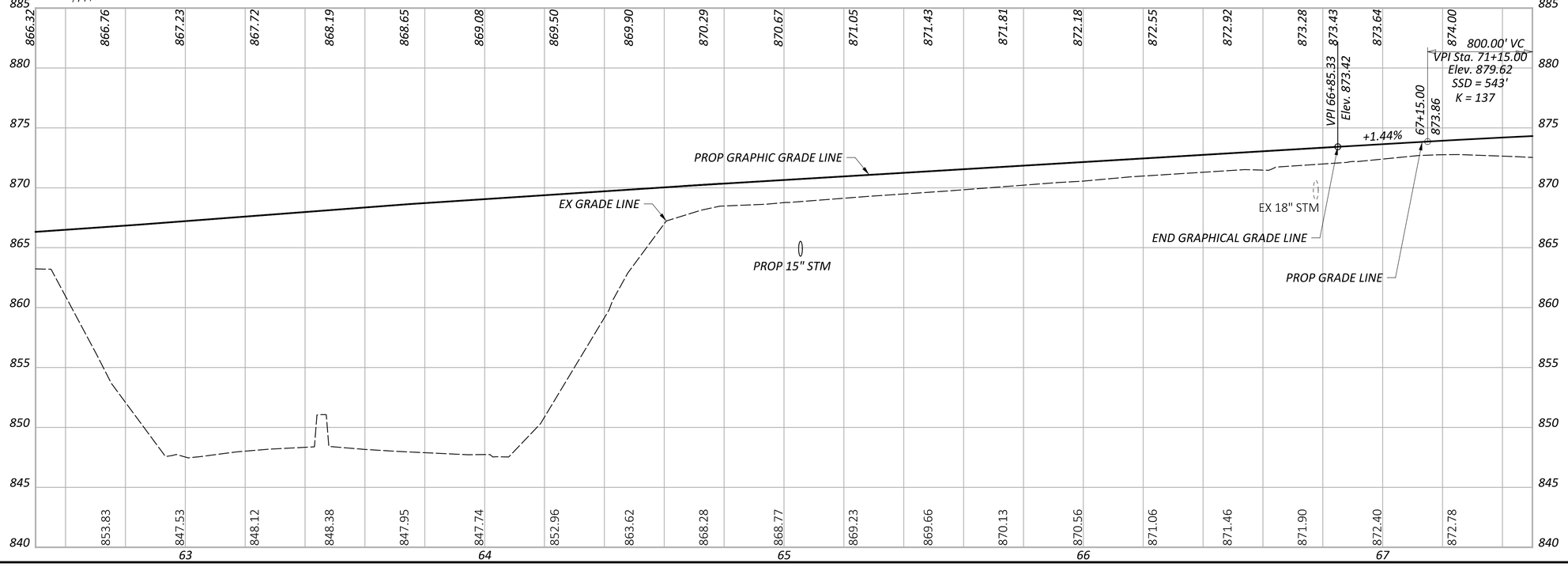
- ITEM 670 - DITCH EROSION PROTECTION



14 STA. 63+45.51, ℄ CONST RAMP D =
STA. 23+88.25, ℄ CONST & R/W SR 256

CURVE DATA
P.I. = STA. 64+71.81
Δ = 06°24'44" RT
Dc = 01°30'00"
R = 3,819.72'
T = 213.96'
L = 427.47'
E = 5.99'
e_{max} = 0.037

SPIRAL DATA
P.I. = STA. 68+16.36
Ls = 200.00'
Θs = 26°00'00"
LT = 131.03'
ST = 71.92'
x = 195.68'
y = 31.53'
k = 93.16'
p = 6.65'
C = 198.20'
S.C. = Sta. 68+85.33
C.B. = N88°03'26"E



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 62+50.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:18:09 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0343
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

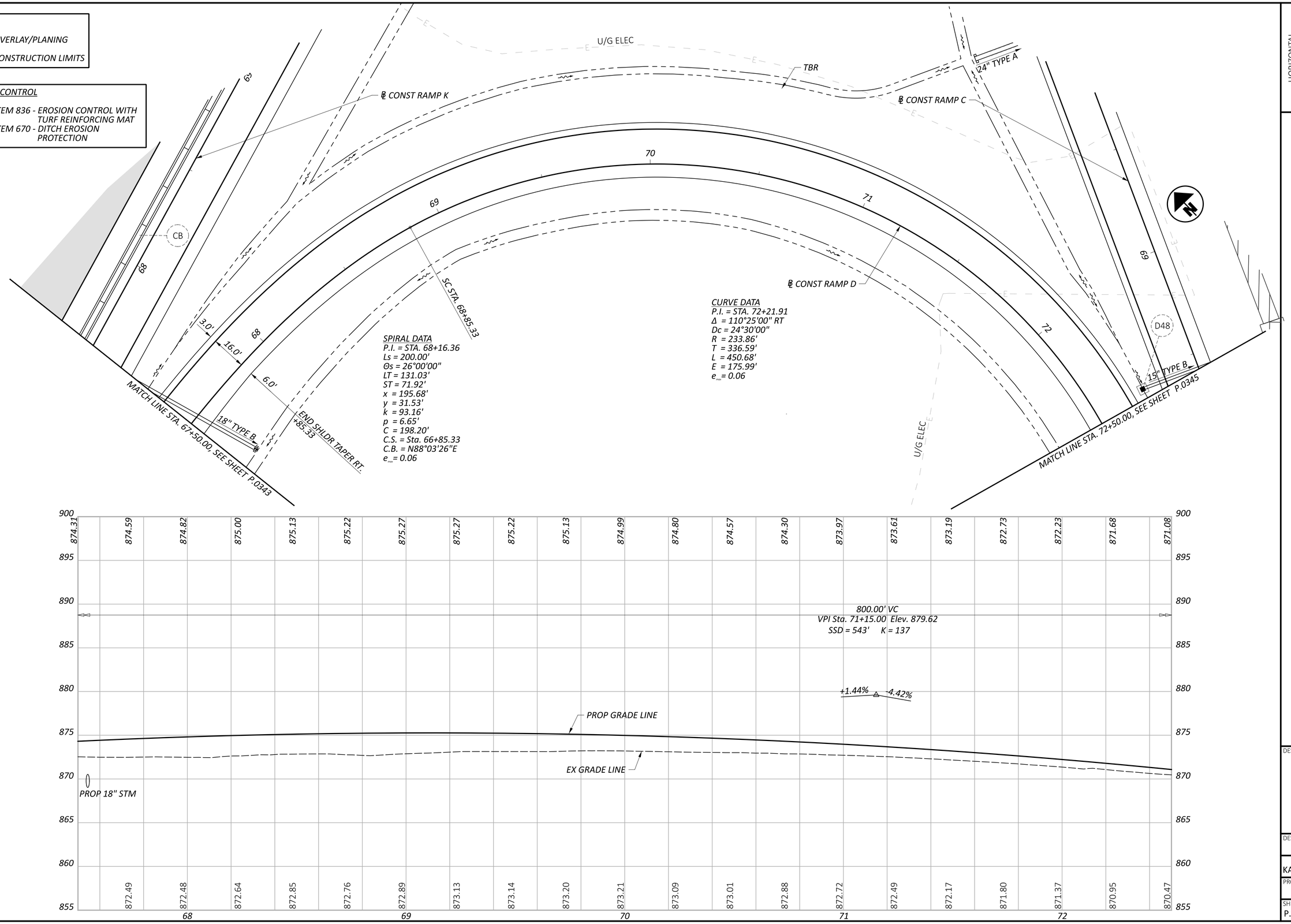
MODEL: BLP_R070D - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:18:23 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP243.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 67+50.00 TO STA. 72+50.00

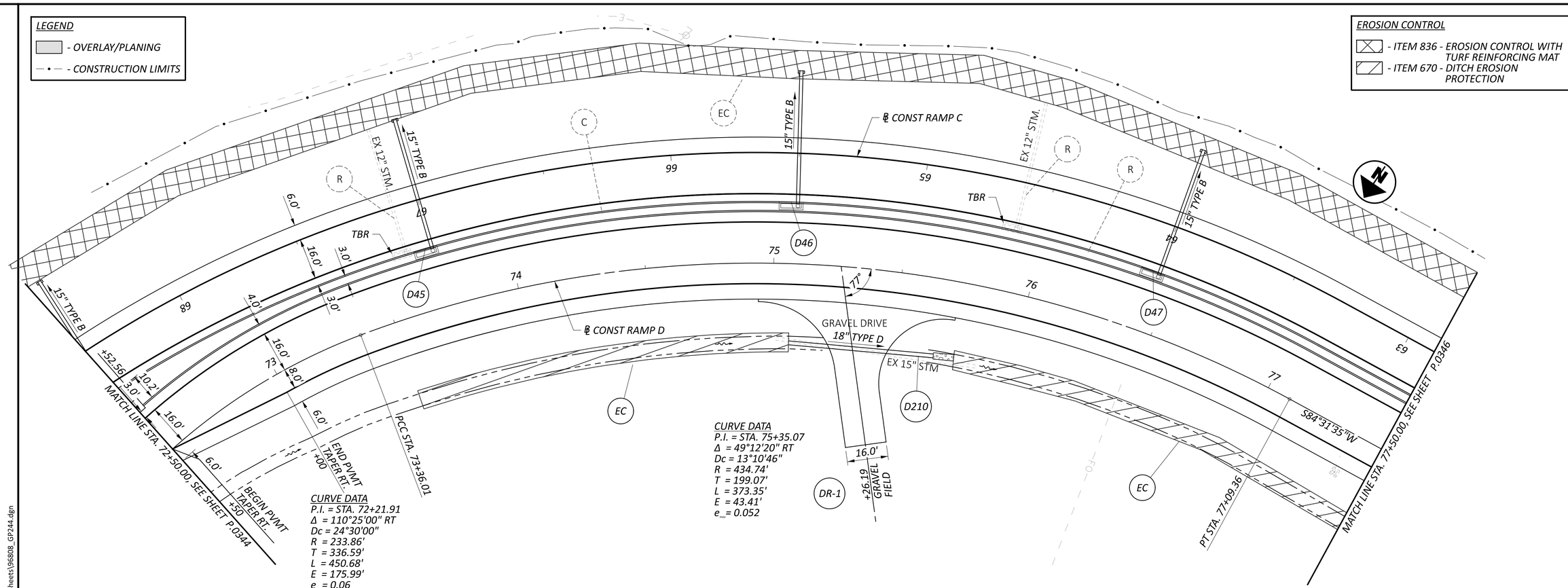
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0344 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 72+50.00 TO STA. 77+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0345 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:18:43 PM USER: brieder
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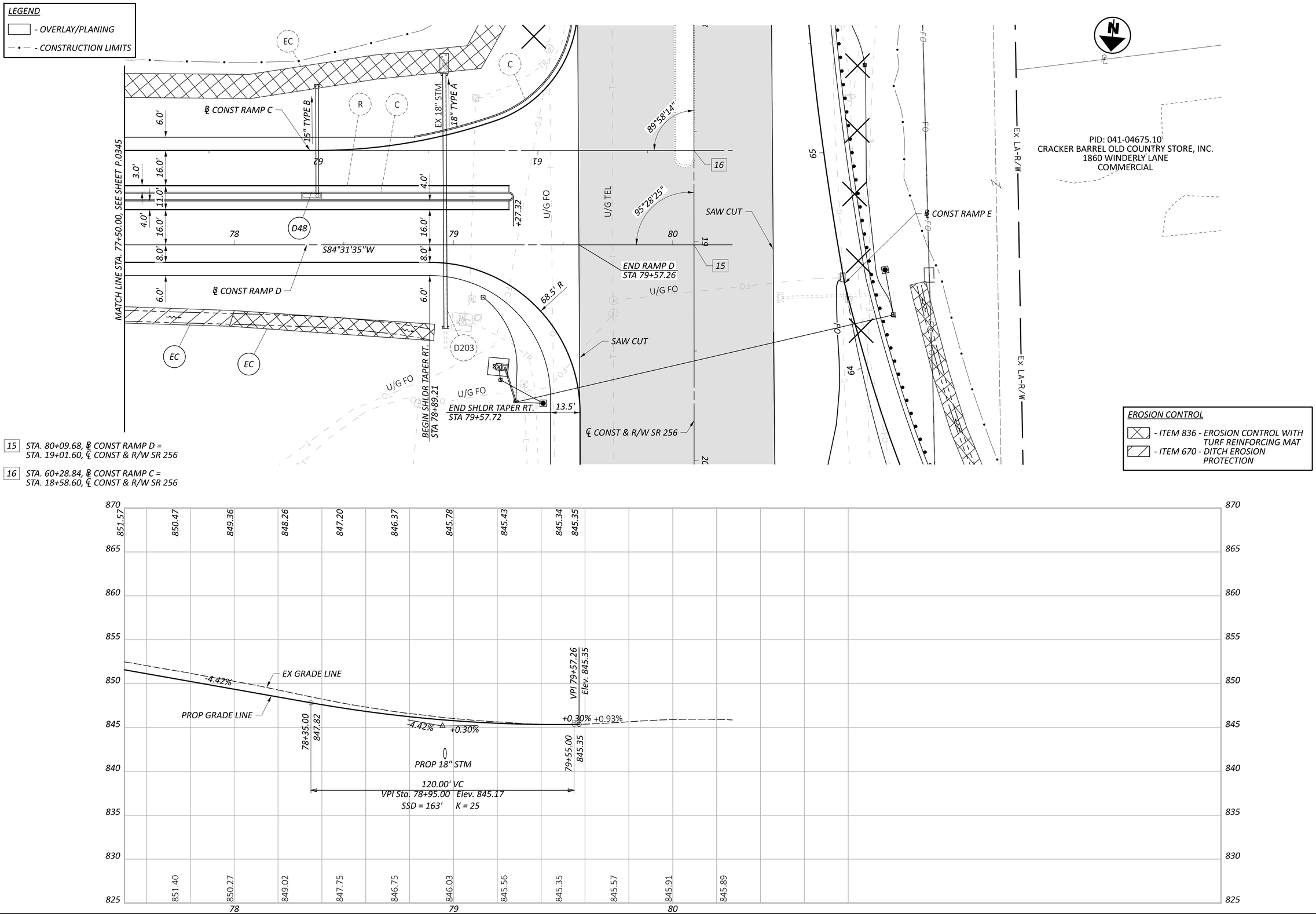

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP D
STA. 77+50.00 TO STA. 80+27.15

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0346 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:19:03 PM USER: brieder
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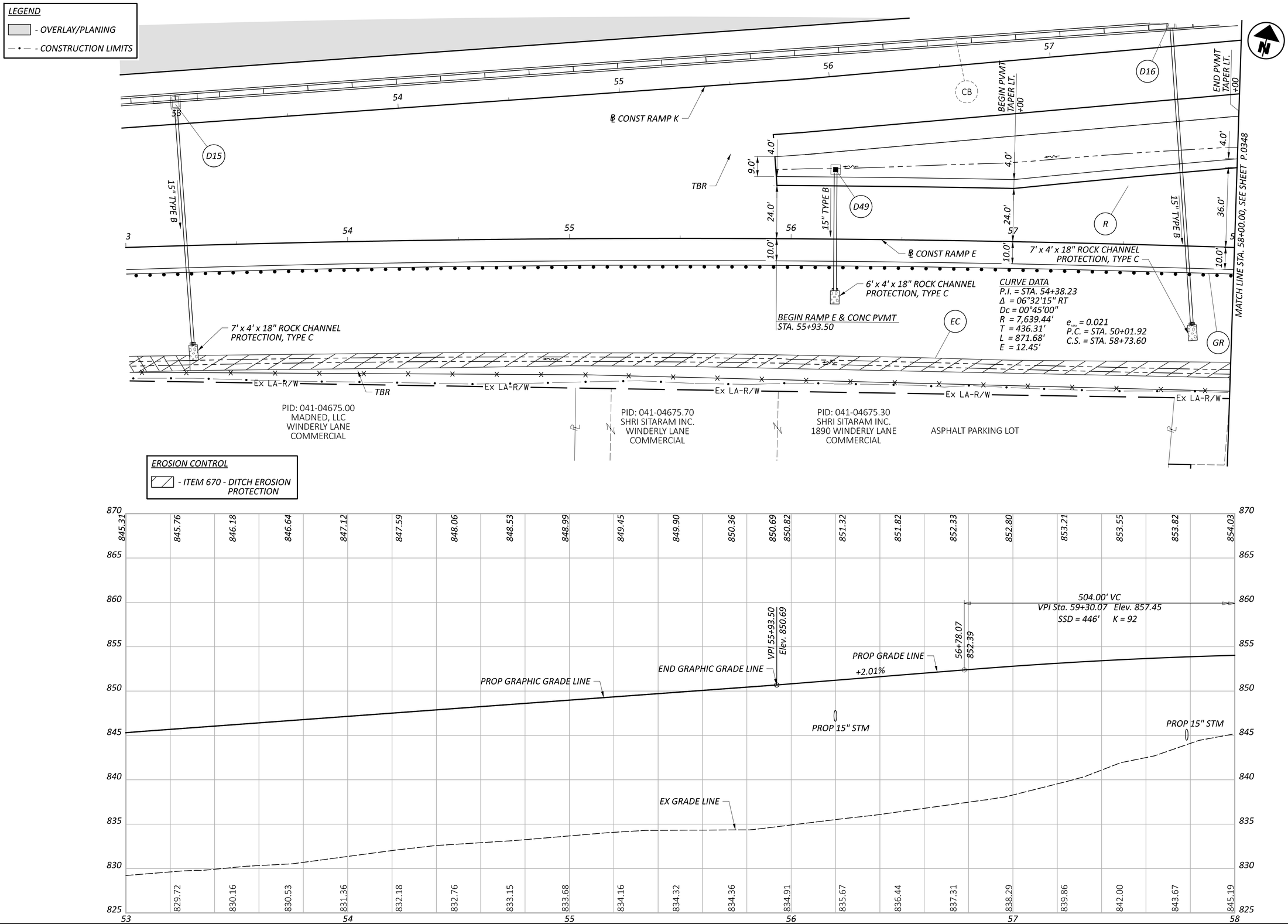


HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP E
STA. 53+00.00 TO STA. 58+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	XXX 08/07/26
PROJECT ID	96808
SHEET	P.0347
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E- Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:19:19 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP256.dgn

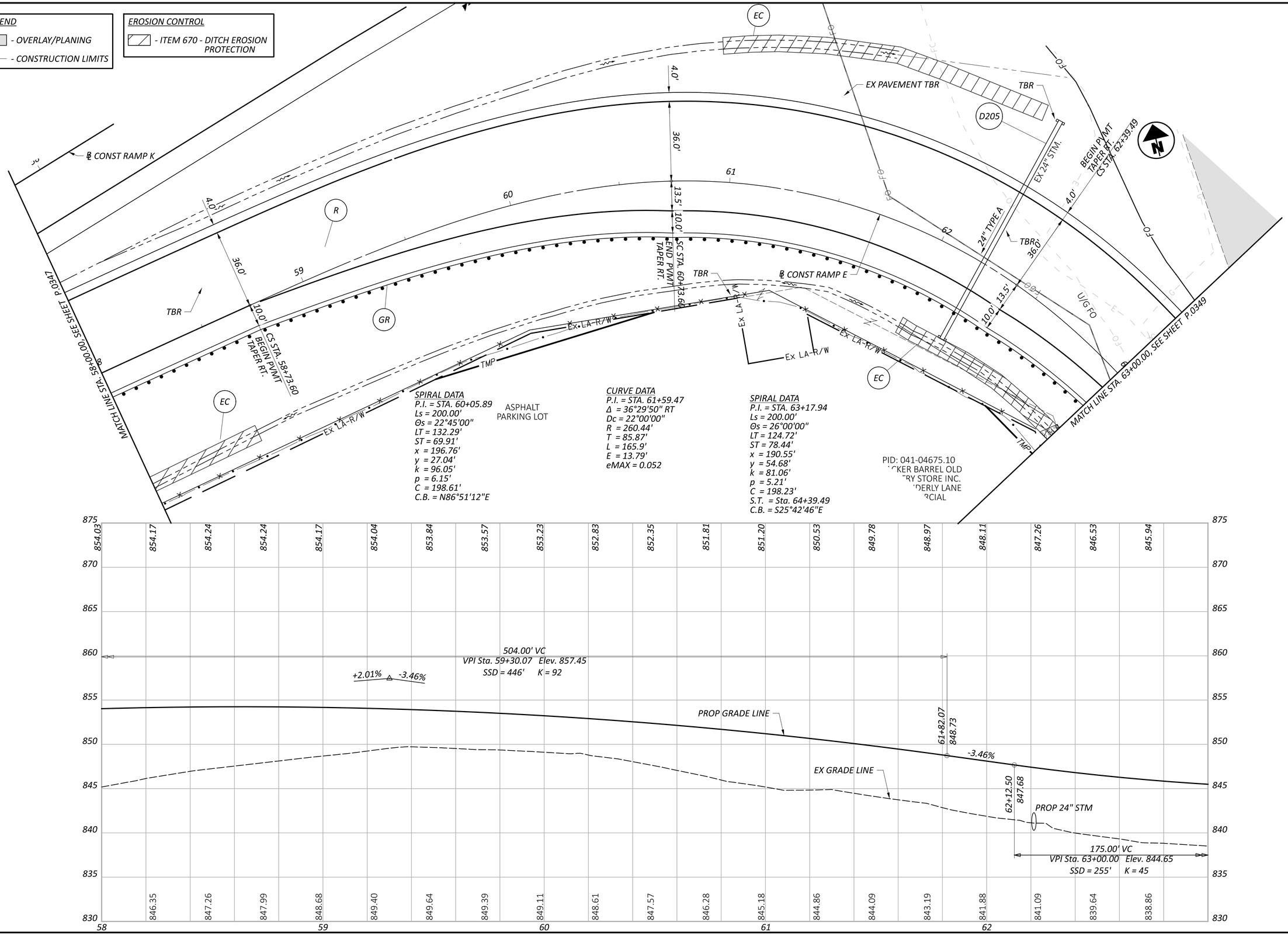
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 10 20 40



SPIRAL DATA
P.I. = STA. 60+05.89
Ls = 200.00'
Θs = 22°45'00"
LT = 132.29'
ST = 69.91'
x = 196.76'
y = 27.04'
k = 96.05'
p = 6.15'
C = 198.61'
C.B. = N86°51'12"E

CURVE DATA
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.9'
E = 13.79'
eMAX = 0.052

SPIRAL DATA
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
S.T. = Sta. 64+39.49
C.B. = S25°42'46"E

PLAN AND PROFILE - RAMP E
STA. 58+00.00 TO STA. 63+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	XXX 08/07/26
PROJECT ID	96808
SHEET	P.0348
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DE: Plan 7 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:19:33 PM USER: brieder
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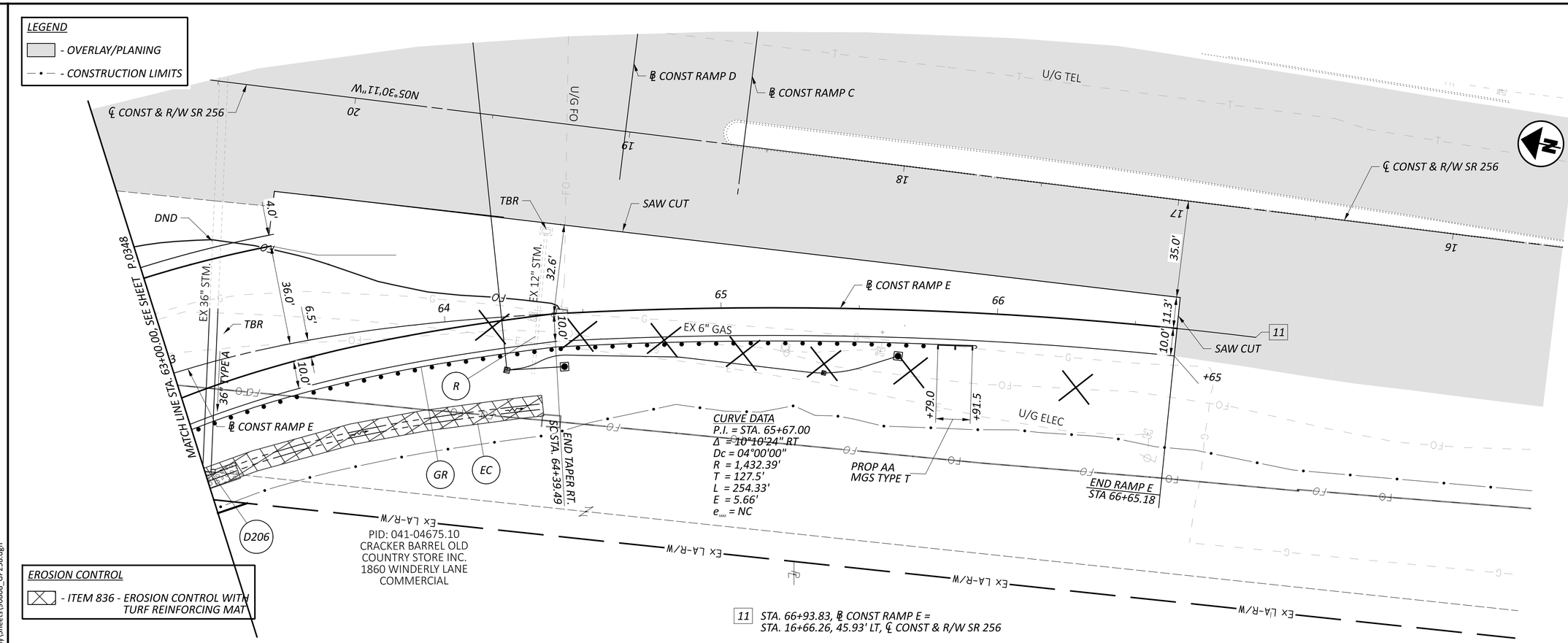

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP E
STA. 63+00.00 TO STA. 68+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
XXX 08/07/26

PROJECT ID
96808

SHEET P.0349 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E- Plan 8 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:19:46 PM USER: brieder
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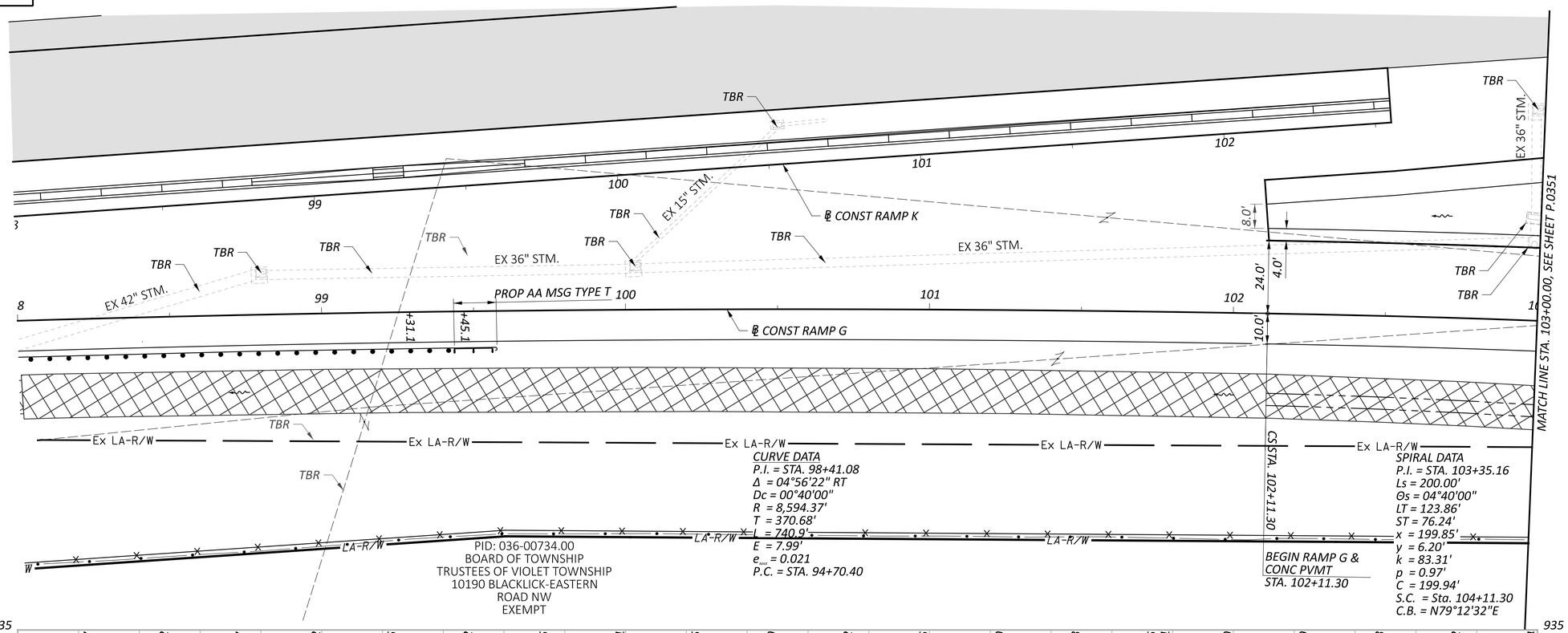
LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA. 98+00.00 TO STA. 103+00.00

DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET / TOTAL	P.0350 / P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070G - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:20:08 PM USER: brieder
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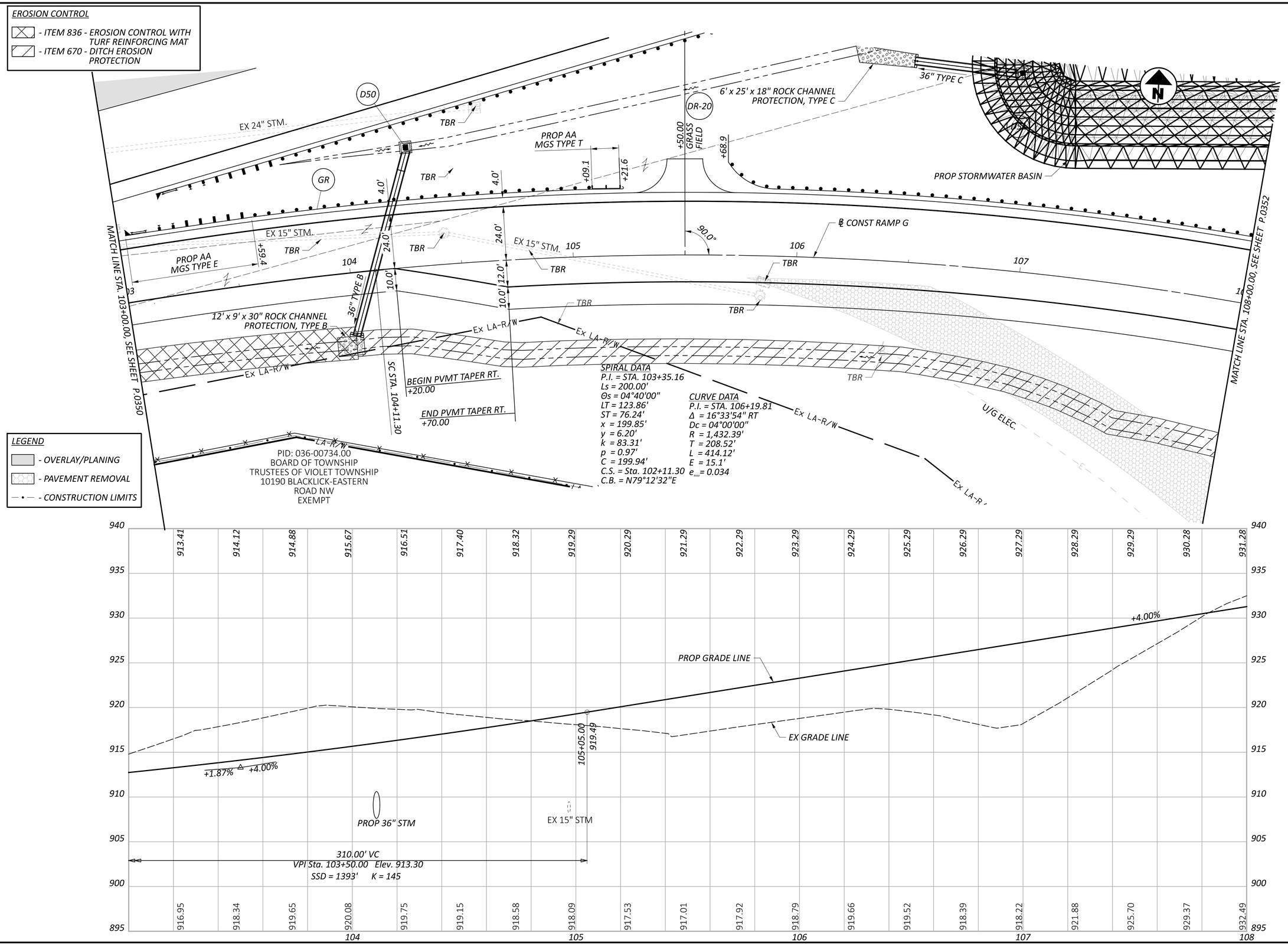

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA. 103+00.00 TO STA. 108+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0351 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070G - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:20:20 PM USER: brieder
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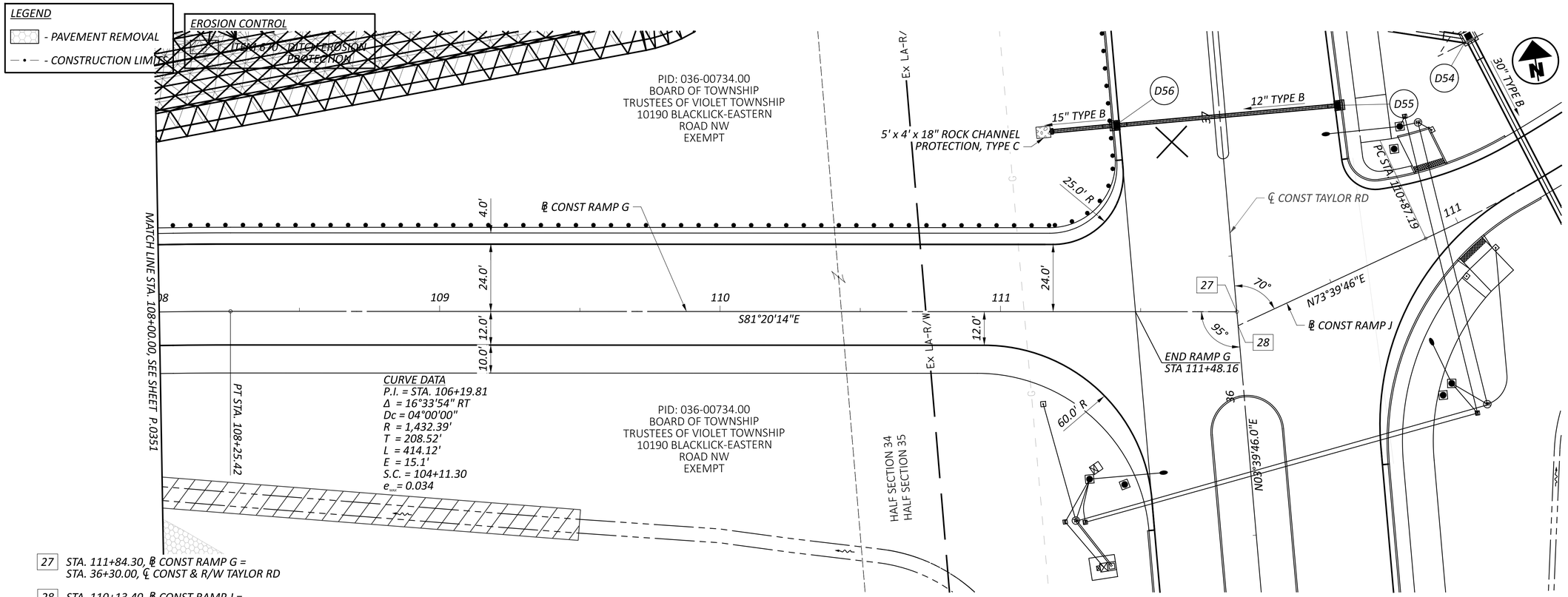
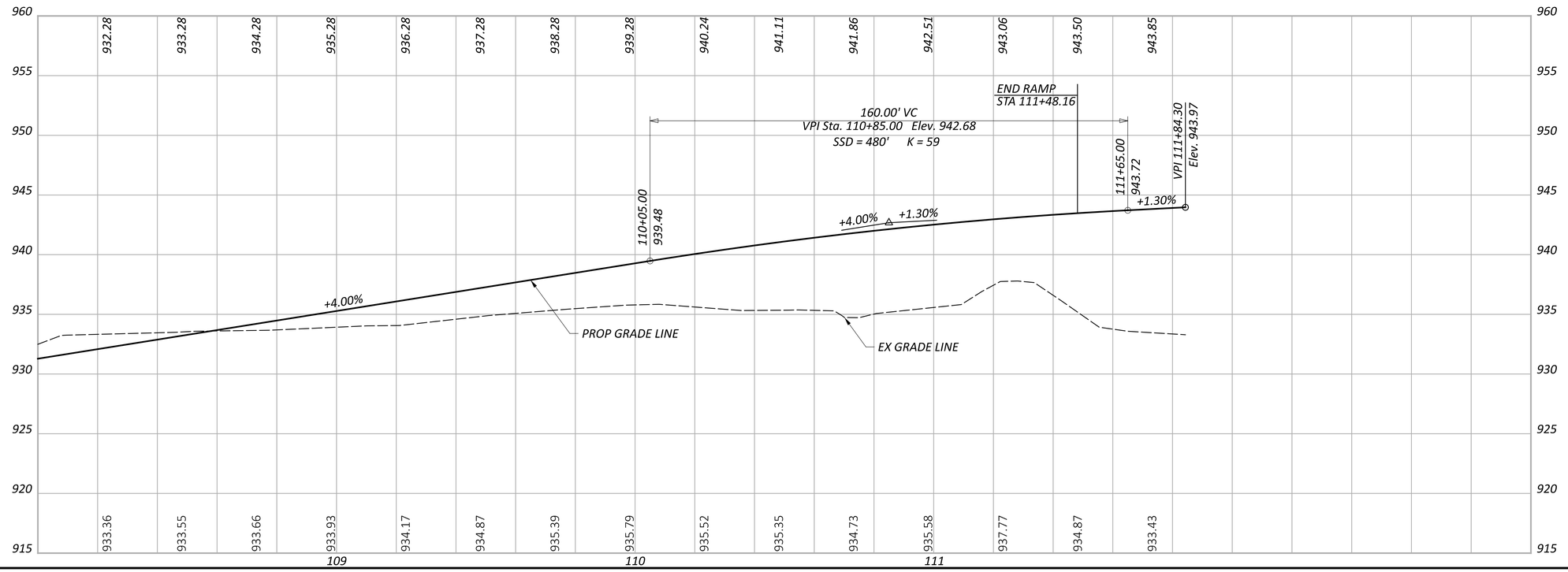




HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP G
STA. 108+00.00 TO STA. 111+84.30

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DG - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:20:39 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP264.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0352
TOTAL	P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
RESIDENTIAL

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex LA R/W

TRIBUTARY TO BLACKLICK CREEK

6' x 4' x 18" ROCK CHANNEL PROTECTION, TYPE C

PROP. RETAINING WALL

CURVE DATA
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'
e_{max} = 0.055
P.T. = STA. 105+47.13

BEGIN RAMP H & CONC PVMT
BEGIN RETAINING WALL RT
STA 103+00.00
PC STA. 103+00.00

MATCH LINE STA. 105+00.00 SEE SHEET P.0354

12.0' 10.0' 12.0' 4.0'

℄ CONST RAMP H

N72°29'31"E

15" TYPE B

D33

TBR

PROP. RETAINING WALL

SAW CUT

D32

IR 70 WB

℄ CONST & R/W IR 70

100 101 102 103 104 105

PROP GRADE LINE

+2.00% +5.00%

+2.00%

EX GRADE LINE

100+95.00
909.56

410.00' VC
VPI Sta. 103+00.00 Elev. 913.66
SSD = 654' K = 137

PROP 15" STM

907.65 908.15 908.65 909.15 909.66 910.19 910.77 911.39 912.06 912.78 913.54 914.35 915.20 916.10 917.04 918.03 919.07 920.15 921.27 922.45 923.66

901.55 902.14 902.72 903.65 904.16 904.60 904.65 905.03 905.35 905.94 906.41 906.87 907.16 907.36 907.51 907.86 907.65 907.02 906.29 905.36

940 935 930 925 920 915 910 905 900 895

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP H
STA. 100+00.00 TO STA. 105+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0353 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OH - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:20:53 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP277.dgn

FAI/LIC-IR 70-0.00/0.00

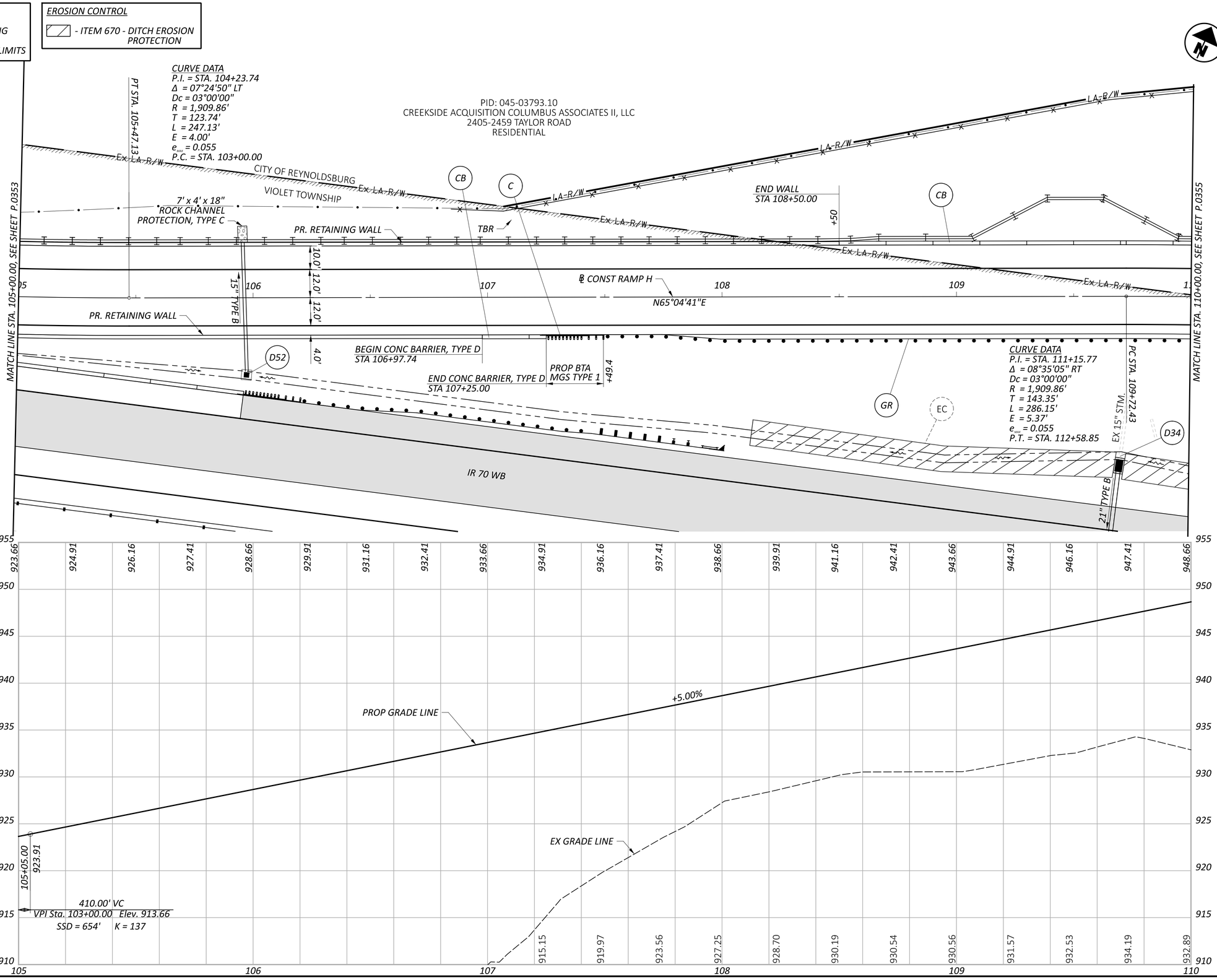
MODEL: BLP_R070H - Plan B PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:21:08 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GP278.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP H
STA. 105+00.00 TO STA. 110+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

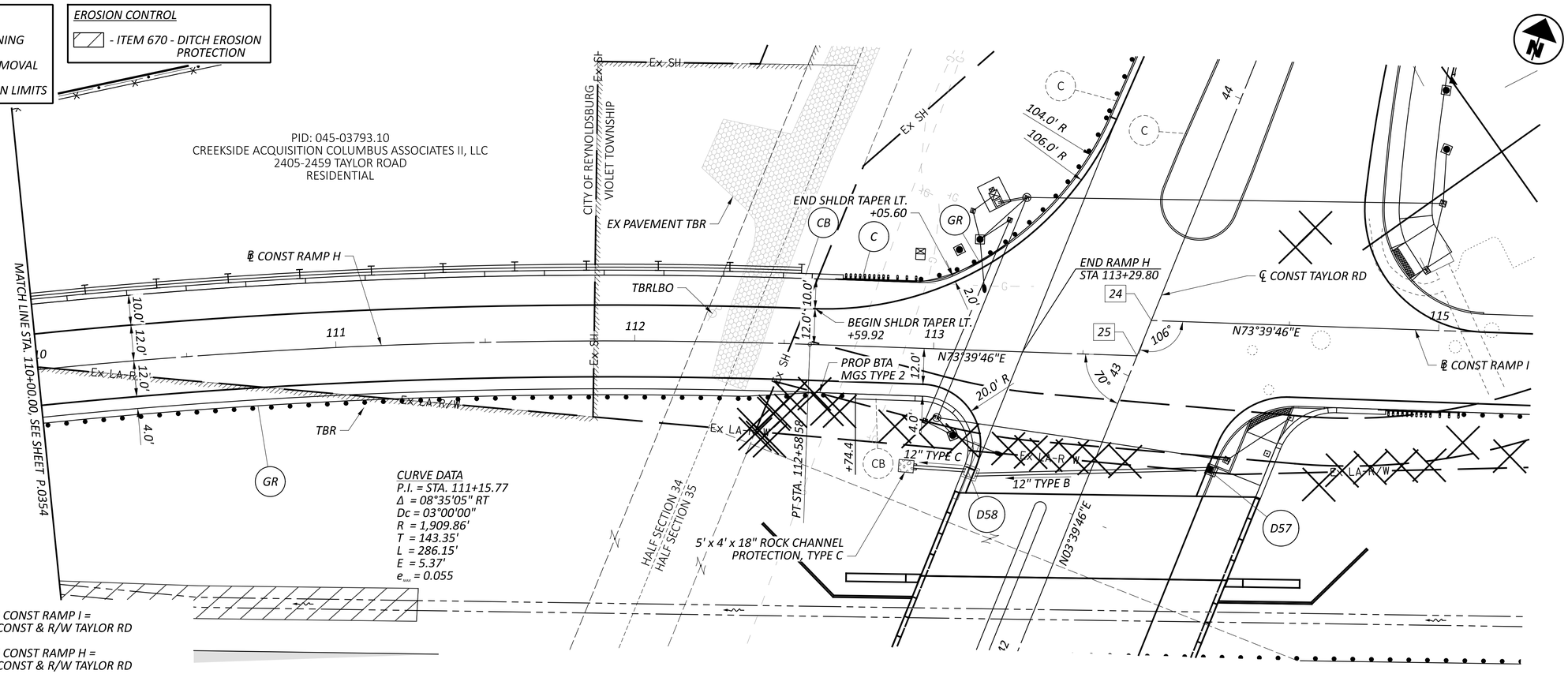
DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0354 TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

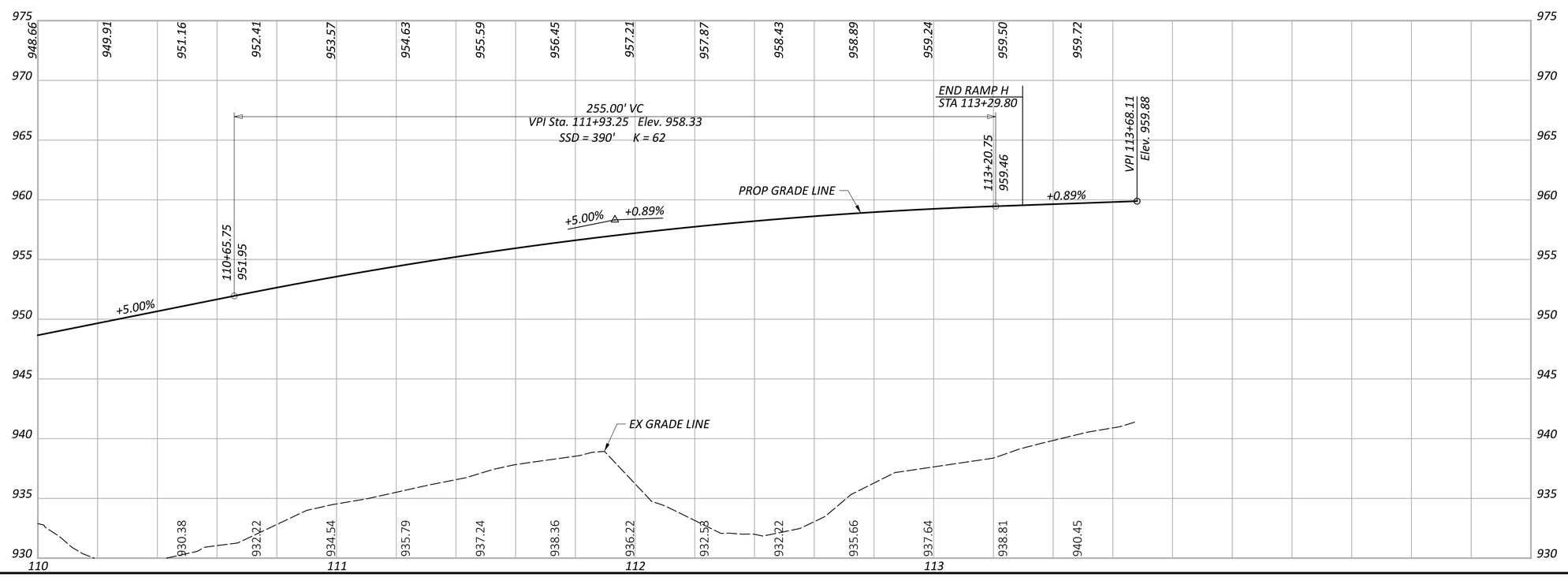
EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION



24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP H
STA. 110+00.00 TO STA. 113+68.11

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0355 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:21:23 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\A01-Engineering_StructurePoint\Roadway\Sheets\96808_GP279.dgn

LEGEND

- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

Ex SR

104.0' R
106.0' R

44

℄ CONST TAYLOR RD

BEGIN RAMP I
STA 114+49.60

70°

24

℄ CONST RAMP H

25

113

N73°39'46"E

70° 43

20.0' R

25.0' R

28.1' R

24.0'

3.0'

Ex LA-R/W

12" TYPE C

12" TYPE B

D58

D57

N03°39'46"E

BEGIN CURB
+63

CB

+83.2

PROP BTA
MGS TYPE 1

+07.6

GR

C

CR

R

35.0' R

41' R

6.0' BEGIN CURB
+15

115

116

117

PID: 036-00789.00
IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

TAYLOR RD/TOWNSHIP HWY 169

EX DRIVE
TBR

N73°39'46"E

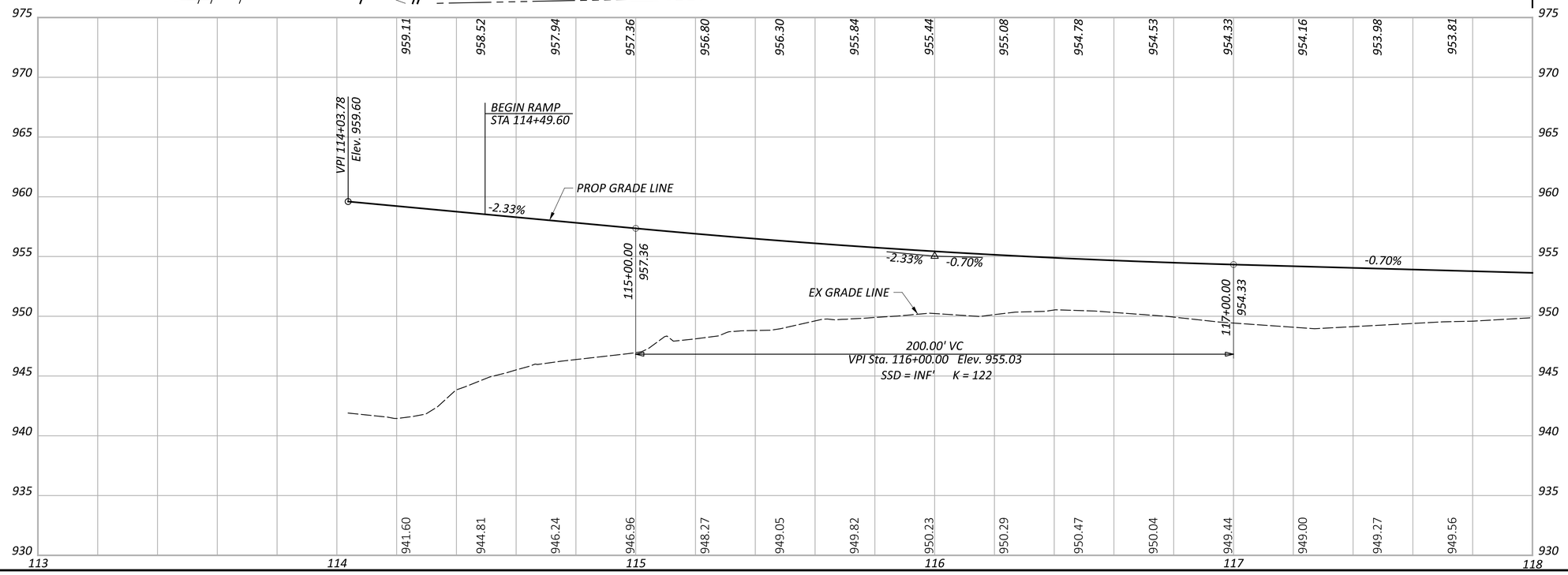
℄ CONST RAMP I

TBR

MATCH LINE STA. 118+00.00, SEE SHEET P.0357

24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP I
STA. 114+03.78 TO STA. 118+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0356
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:21:42 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP281.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

PID: 036-00789.00
IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ
13920 TAYLOR ROAD NW
RESIDENTIAL

PID: 012-027450-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

LICKING COUNTY
FAIRFIELD COUNTY
HALF SECTION 26
HALF SECTION 35
ETNA TOWNSHIP
VIOLET TOWNSHIP
Ex LA-R/W

MATCH LINE STA. 118+00.00, SEE SHEET P.0356

MATCH LINE STA. 123+00.00, SEE SHEET P.0358

PROP AA MGS TYPE T
+25.0
+37.5
GR
PROP AA MGS TYPE E
+37.5
PROP AA MGS TYPE E
+95.1
GR

℄ CONST RAMP I
TBR
PC STA. 122+52.59

N73°39'46"E

6.0'
6.0'
24.0'
16.0'
3.0'
3.0'

BEGIN PVMT TAPER RT.
+15
END PVMT TAPER RT.
+65

IR 70 WB

118 119 120 121 122 123

953.63 953.46 953.28 953.11 952.94 952.76 952.59 952.41 952.24 952.06 951.89 951.72 951.54 951.39 951.28 951.21 951.18 951.20 951.26 951.36

950.22 950.68 951.11 951.27 951.52 951.88 952.17 952.35 952.42 951.90 951.34 950.74 950.20 949.89 949.49 949.39 949.31 949.31 949.35

975 970 965 960 955 950 945 940 935 930

PROP GRADE LINE
-0.70%
EX GRADE LINE

121+00.00
951.54

400.00' VC
VPI Sta. 123+00.00 Elev. 950.15
SSD = 775' K = 148

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP I
STA. 118+00.00 TO STA. 123+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0357
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:21:57 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GP282.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

PID: 012-027450-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

END RAMP I & CONC PVMT
STA 125+02.30

BEGIN SHLDR TAPER LT. +52.30

END SHLDR TAPER LT. +02.30

D37

TBR

EC

CURVE DATA
P.I. = STA. 126+59.95
Δ = 16°11'08" LT
Dc = 02°00'00"
R = 2,864.79'
T = 407.35'
L = 809.28'
E = 28.82'
e_{nc} = 0.045
P.C. = STA. 122+52.59
P.C.C. = STA. 130+61.88

LA-R/W

Ex LA-R/W

LICKING COUNTY
FAIRFIELD COUNTY

MATCH LINE STA. 123+00.00, SEE SHEET P.0357

℄ CONST RAMP I

6.0'
8.0'
16.0'
16.0'
3.0'
3.0'
10.0'
10.0'
24" TYPE B

SAWCUT

IR 70 WB

HALF SECTION 26
HALF SECTION 35

℄ CONST & RW IR 70

123 124 125 126 127

951.50 951.69 951.91 952.18 952.49 952.85 953.24 953.68 954.16 954.61 955.14 955.69 956.22 956.70 957.21 957.70 958.20 958.69 959.17 959.64

949.45 949.66 950.10 950.67 951.42 952.08 952.04 951.64 951.59 952.69 953.83 954.96 955.63 956.31 956.87 957.41 958.11 958.83 959.35

975 970 965 960 955 950 945 940 935 930

PROP GRADE LINE

PROP GRAPHIC GRADE LINE

EX GRADE LINE

-0.70%

+2.01%

125+00.00
954.16

PROP 24" STM

400.00' VC
VPI Sta. 123+00.00 Elev. 950.15
SSD = 775' K = 148

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP I
STA. 123+00.00 TO STA. 128+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0358 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:22:10 PM USER: brieder
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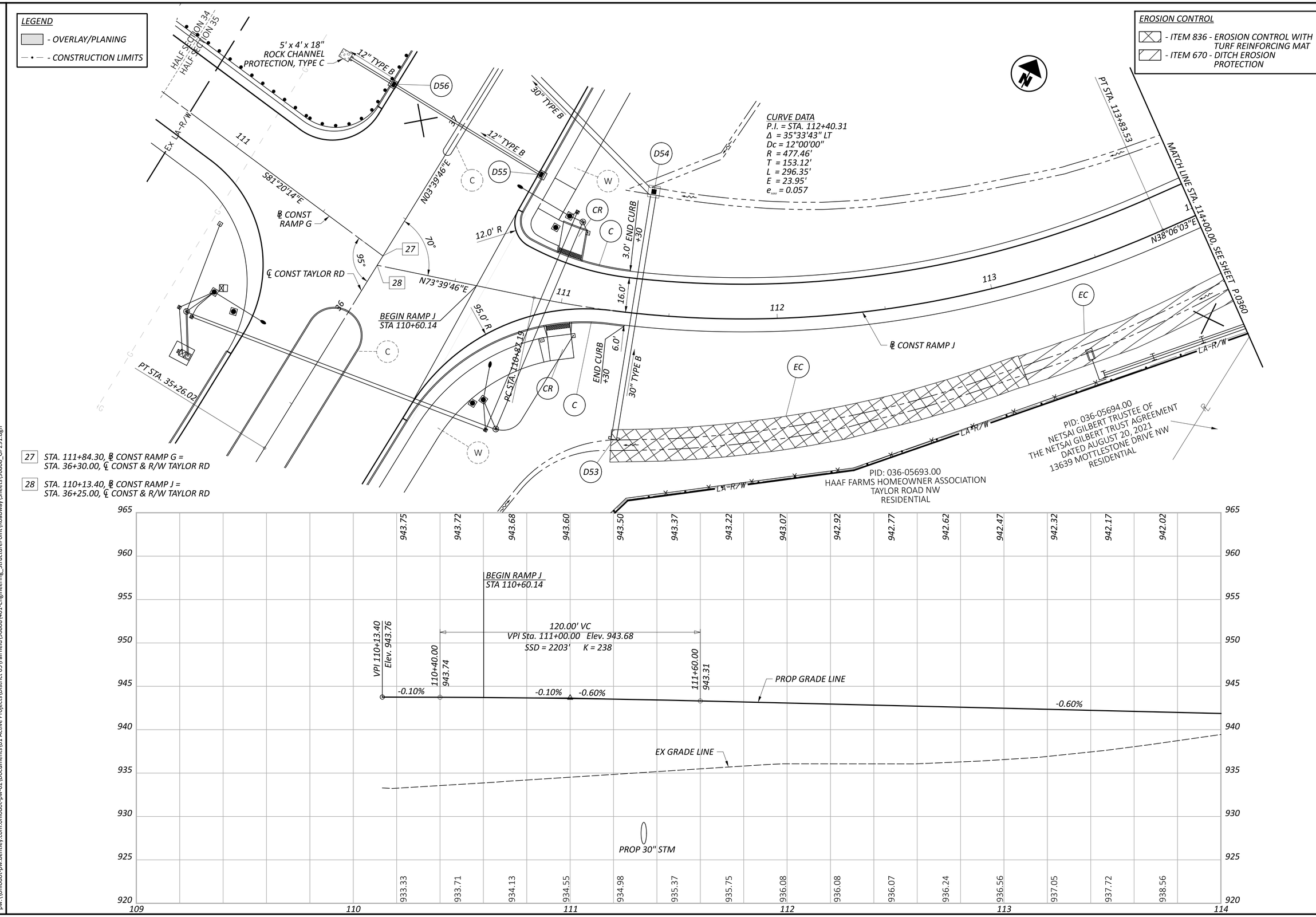


HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP J
STA. 110+13.32 TO STA. 114+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0359 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

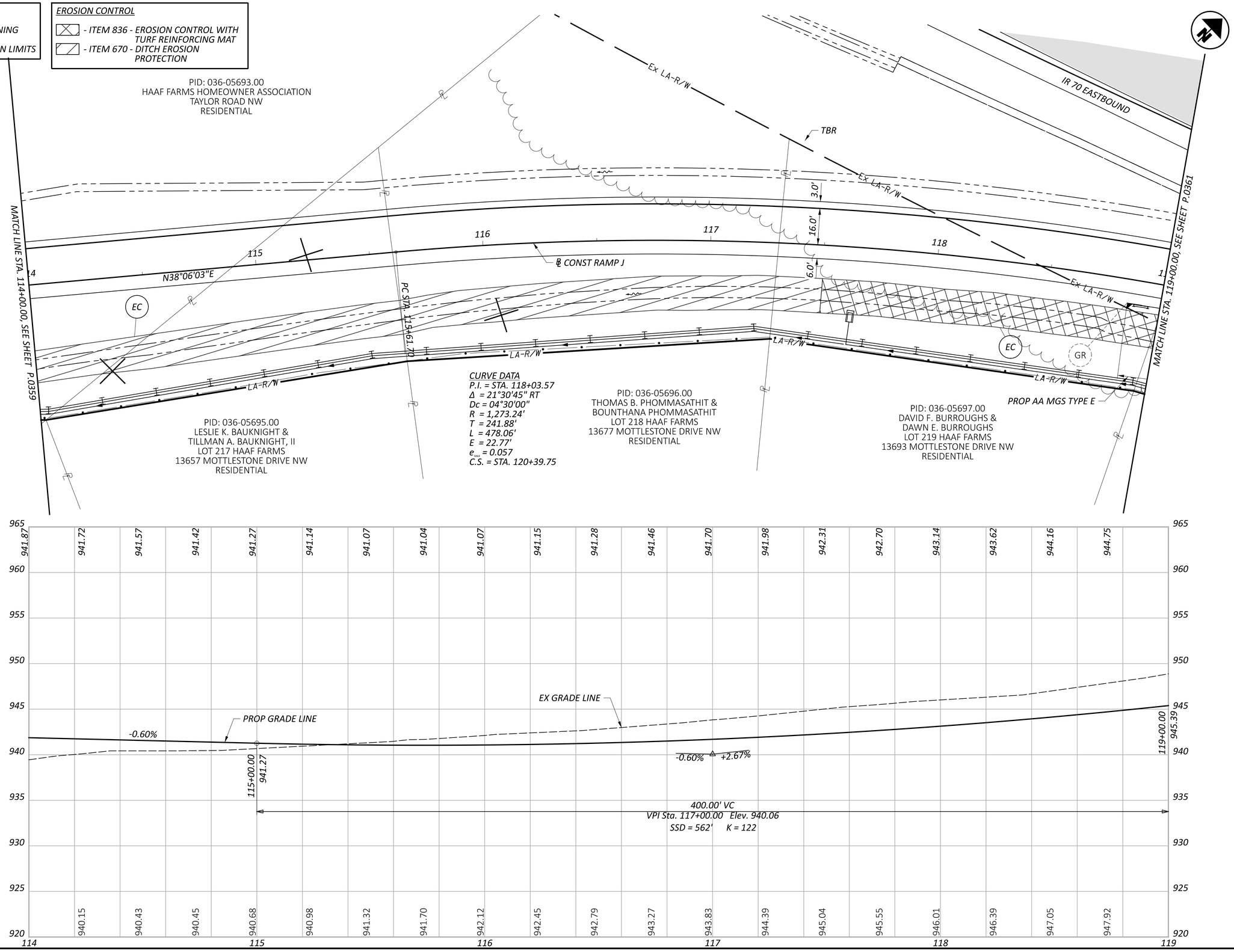
MODEL: BLP_R070J - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:22:21 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP291.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT
- ITEM 670 - DITCH EROSION PROTECTION



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP J
STA. 114+00.00 TO STA. 119+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0360
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:22:34 PM USER: brieder
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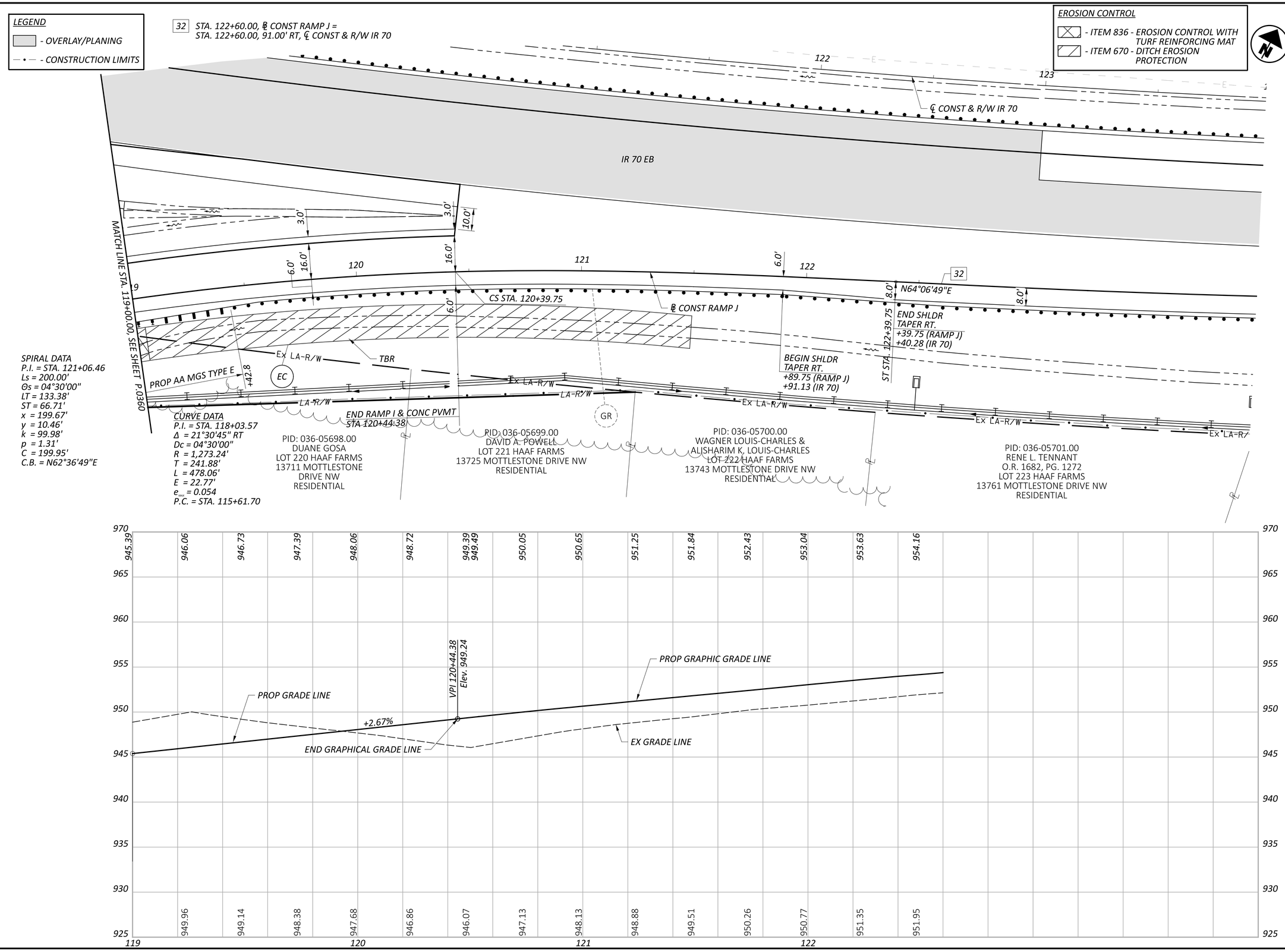

HORIZONTAL SCALE IN FEET 0 10 20 40

PLAN AND PROFILE - RAMP J
STA. 119+00.00 TO STA. 122+60.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0361 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 12:22:49 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP293.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

TUSSING ROAD

PID: 041-04673.00
NETTER PROPERTIES LTD.
1810 WINDERLY LANE
COMMERCIAL

EX 12" WATER
EX 12" WATER
EX 12" STM
EX 12" WATER
U/G FO
U/G FO
U/G FO
EX 4" GAS
U/G FO
EX 12" WATER
EX 12" WATER
OH-Comb
OH-Comb

℄ CONST & R/W SR 256

7 8 9 10 11

383.20'
N19°20'13"W

PT STA. 7+42.40
PC STA. 11+25.60
MATCH LINE STA. 11+50.00, SEE SHEET P.0363

EX 12" WATER
U/G FO
U/G TEL
U/G TEL
U/G TEL
Ex LA-R/W
EX LA-R

BEGIN WORK
STA. 9+68.00

SR 204

EX 12" WATER
EX 6" GAS
EX 12" WATER
EX 12" WATER

PID: 041-06261.00
FAIRFIELD HOSPITALITY INC
1800 HILL ROAD
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 6+50.00 TO STA. 11+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0362 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5257 - Plan 12 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:11:15 PM USER: brieder
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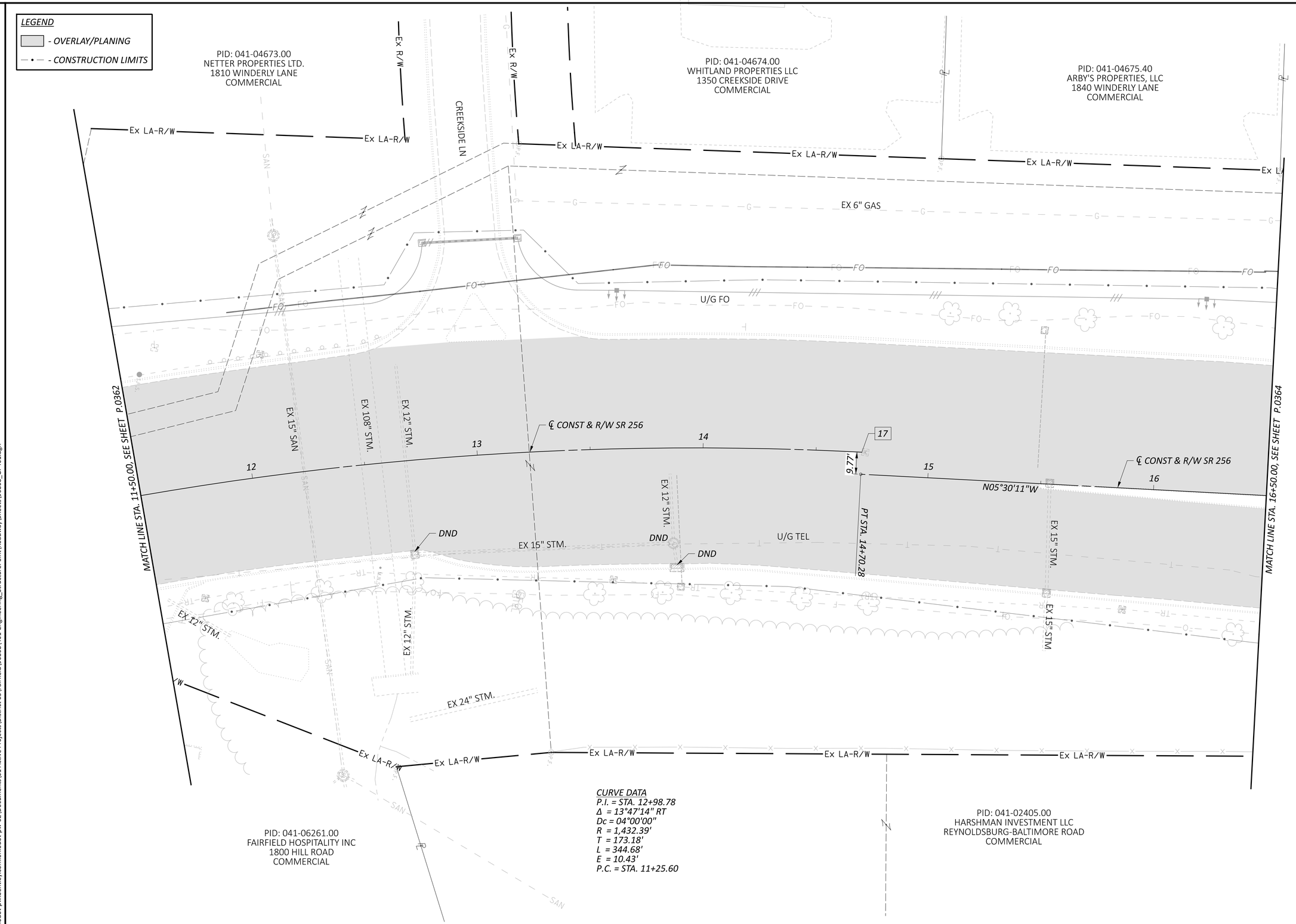

17 STA. 14+70.28, ℄ CONST & R/W SR 256 =
STA. 14+70.28, 9.77' RT ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 11+50.00 TO STA. 16+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	AJO
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0363
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:11:36 PM USER: brieder
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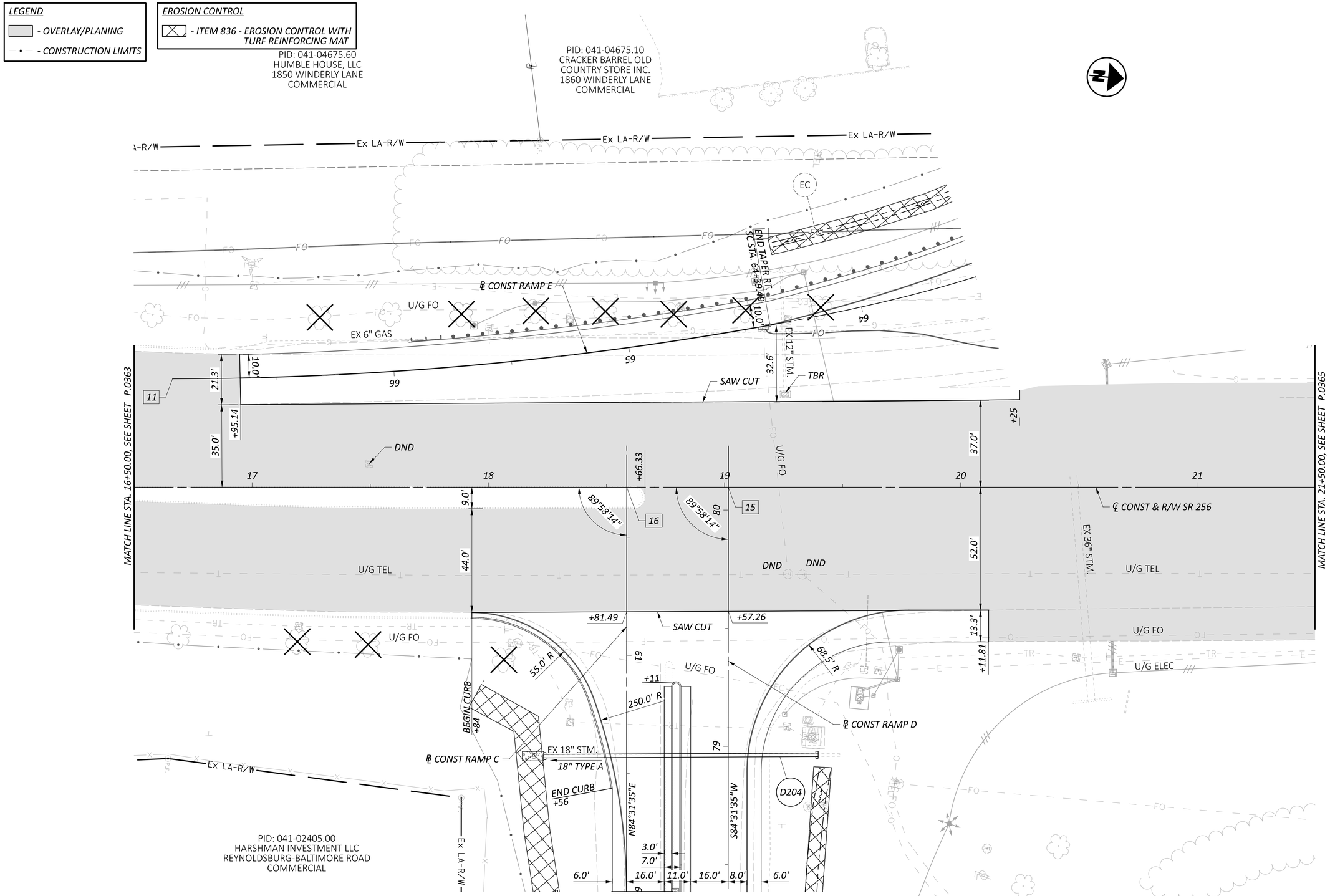

11 STA. 66+93.83, ℄ CONST RAMP E =
STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

15 STA. 80+09.68, ℄ CONST RAMP D =
STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C =
STA. 18+58.60, ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 16+50.00 TO STA. 21+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0364 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S256 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:11:49 PM USER: brieder
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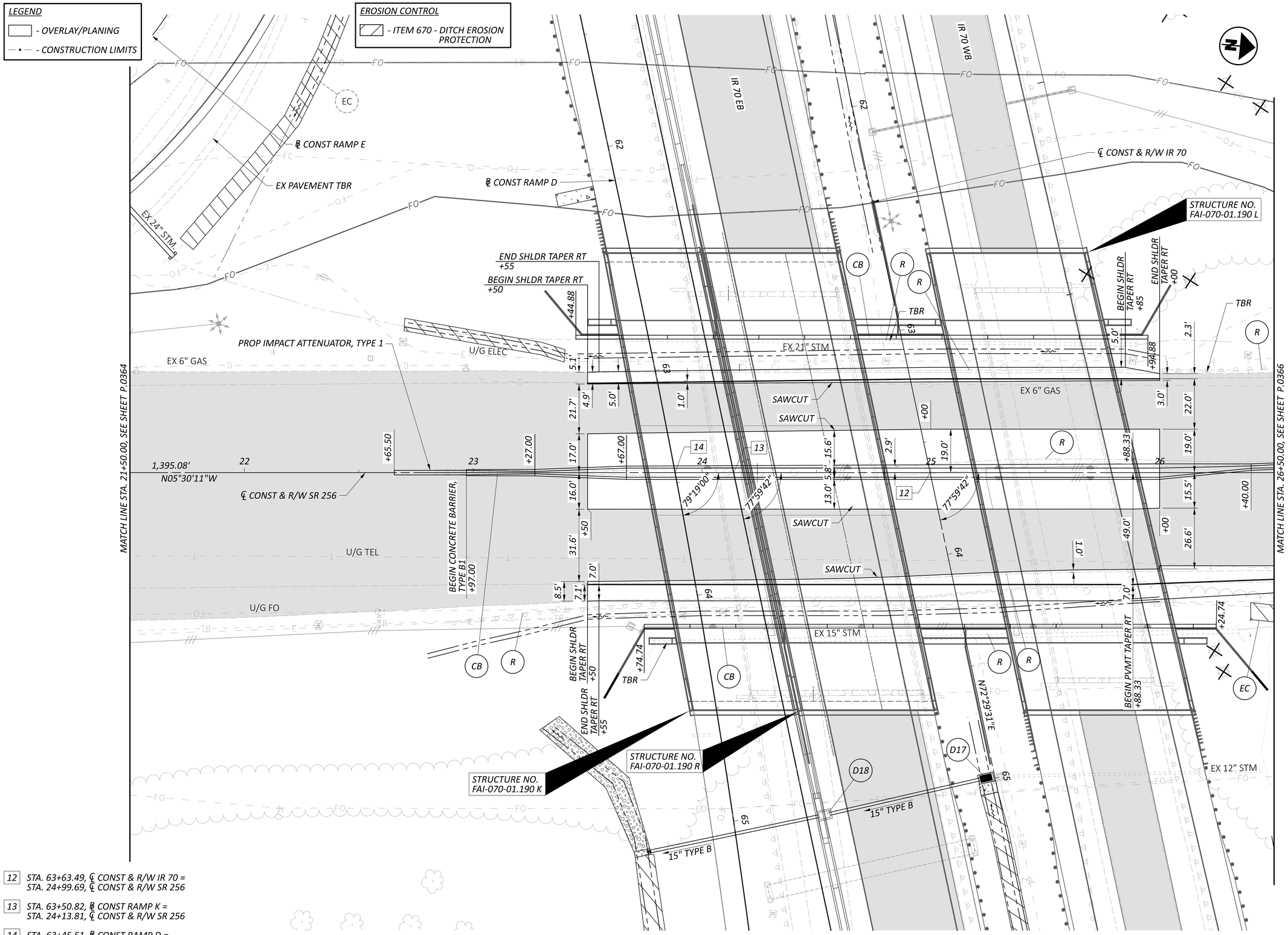

12 STA. 63+63.49, ℄ CONST & R/W IR 70 = STA. 24+99.69, ℄ CONST & R/W SR 256

13 STA. 63+50.82, ℄ CONST RAMP K = STA. 24+13.81, ℄ CONST & R/W SR 256

14 STA. 63+45.51, ℄ CONST RAMP D = STA. 23+88.25, ℄ CONST & R/W SR 256

HORIZONTAL SCALE IN FEET 0 10 20 40

PLAN SHEET - SR 256
STA. 21+50.00 TO STA. 26+50.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: AJO

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0365 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S256 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:12:12 PM USER: brieder
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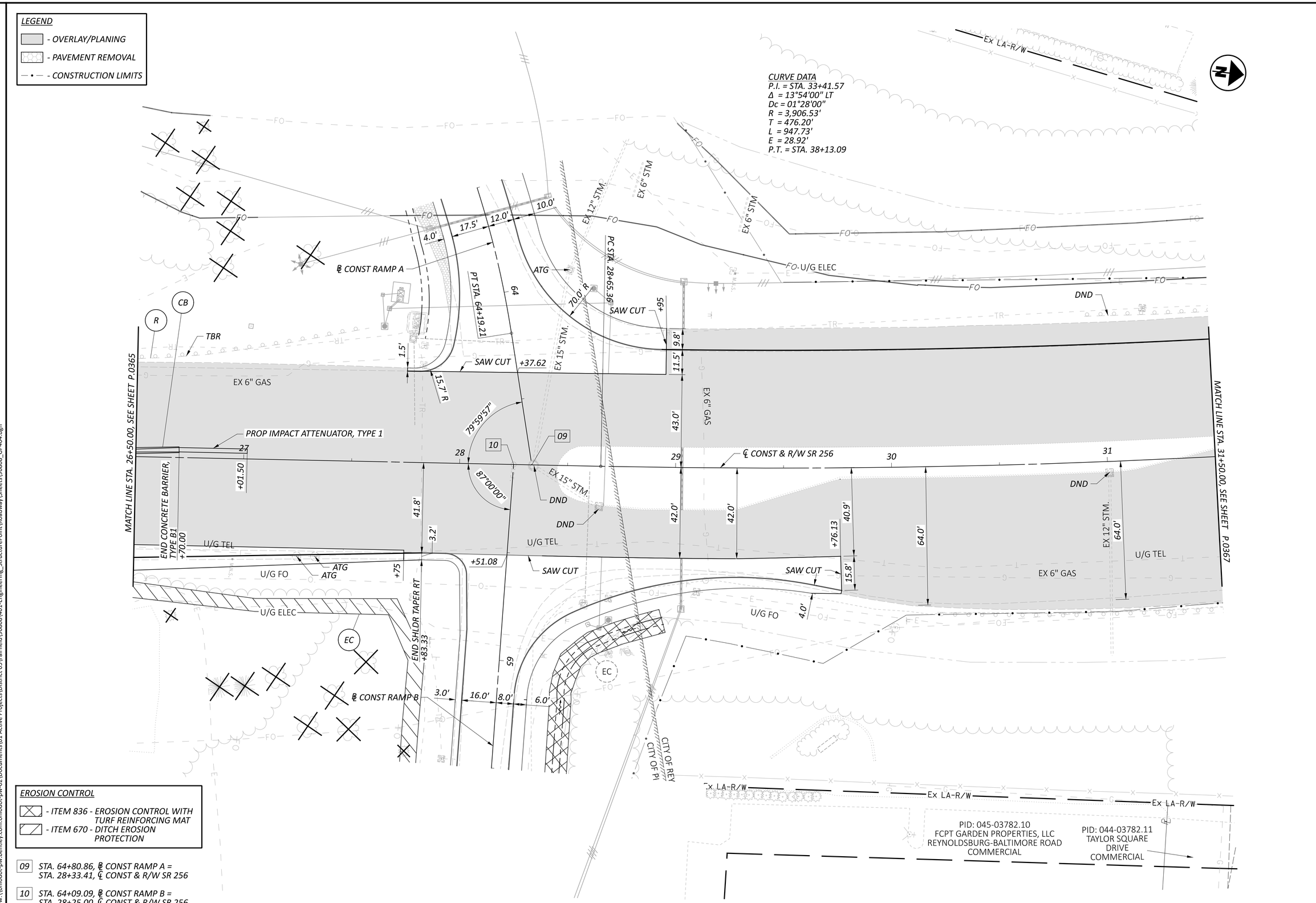


HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 26+50.00 TO STA. 31+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0366 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S256 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:12:26 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP404.dgn

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'
P.C. = STA. 28+65.36
P.T. = STA. 38+13.09

PID: 045-03788.20
CHARLIE'S CORNER VENTURES II, LLC
2406 & 2420 TAYLOR PARK DRIVE
COMMERCIAL

PID: 044-03791.11
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

Ex LA-R/W
EX 12" WATER
EX 16" WATER
EX 12" STM
UNT 4 (DND)
FO
DND
U/G ELEC
BEGIN SHLDR TAPER LT. +40
END SHLDR TAPER LT. +05
BEGIN SHLDR TAPER LT. +50
END SHLDR TAPER LT. +00
BEGIN PVMT. TAPER & CURB & GUTTER LT. +50
END SHLDR TAPER LT. BEGIN PVMT. TAPER & CURB & GUTTER LT.
C
R
8.6'
10.0'
12.6'
SAW CUT
45.2'
EX 12" STM
10.0'
11.7'
49.9'
11.5'
EX 12" STM
51.0'
52.6'
DND
MATCH LINE STA. 31+50.00, SEE SHEET P.0366
32
33
34
35
36
℄ CONST & R/W SR 256
MATCH LINE STA. 36+50.00 SEE SHEET P.0368
54.7'
EX 96" STM
U/G TEL
EX 6" GAS
U/G ELEC
U/G FO
EX 6" GAS
Ex U

PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR SQUARE DRIVE
COMMERCIAL

PID: 044-03793.11
TAYLOR SQUARE CRI-OP, LLC
2374 TAYLOR SQUARE DRIVE
COMMERCIAL

PID: 044-03793.15
2928 TAYLOR SQUARE DRIVE
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 256
STA. 31+50.00 TO STA. 36+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:12:40 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GP405.dgn

DESIGN AGENCY
STRUCTUREPOINT

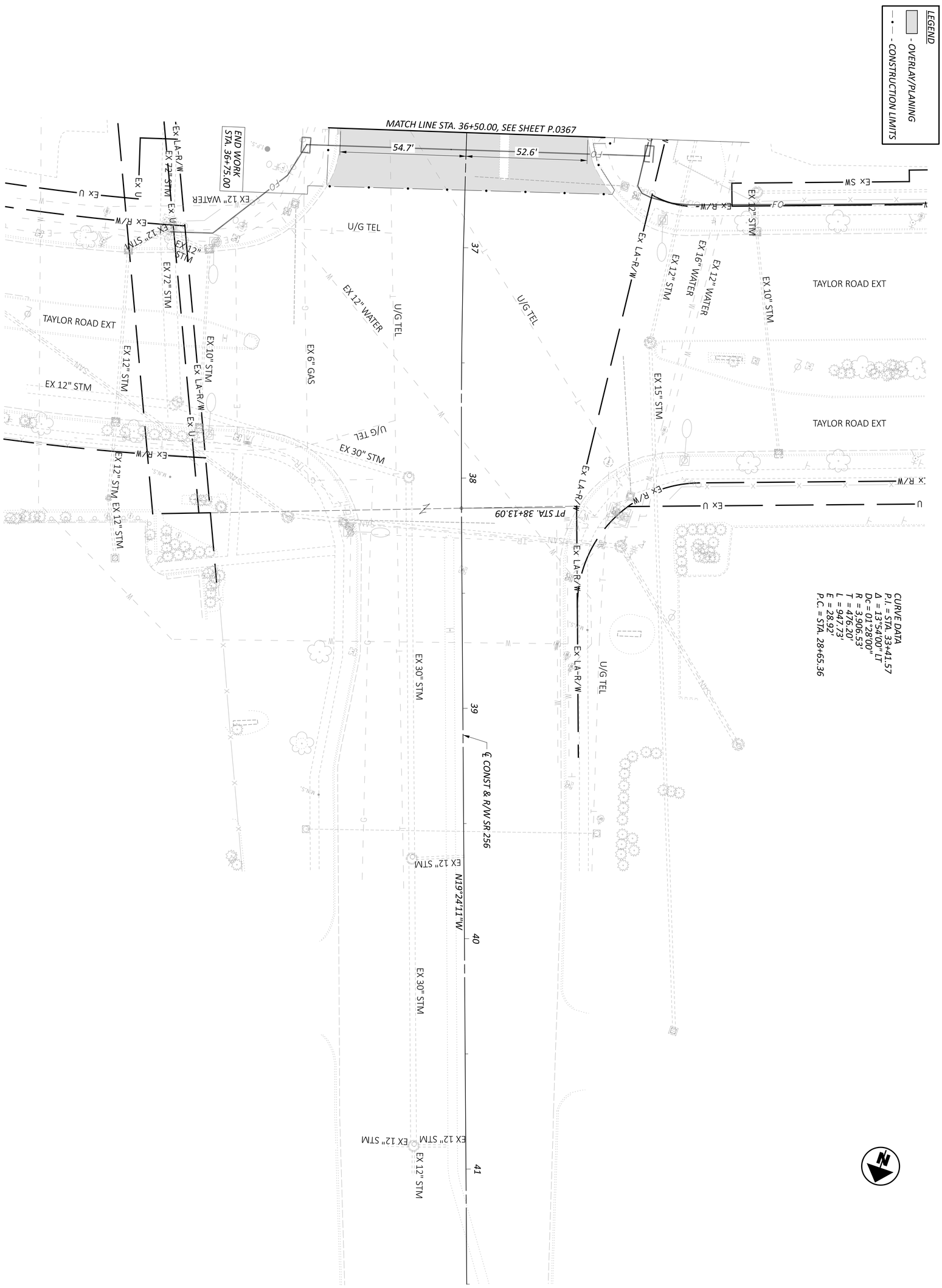
DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0367 TOTAL P.2024

MODEL: CLP_S256 - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:13:02 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP406.dgn



SHEET	TOTAL
P 0368	P 2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

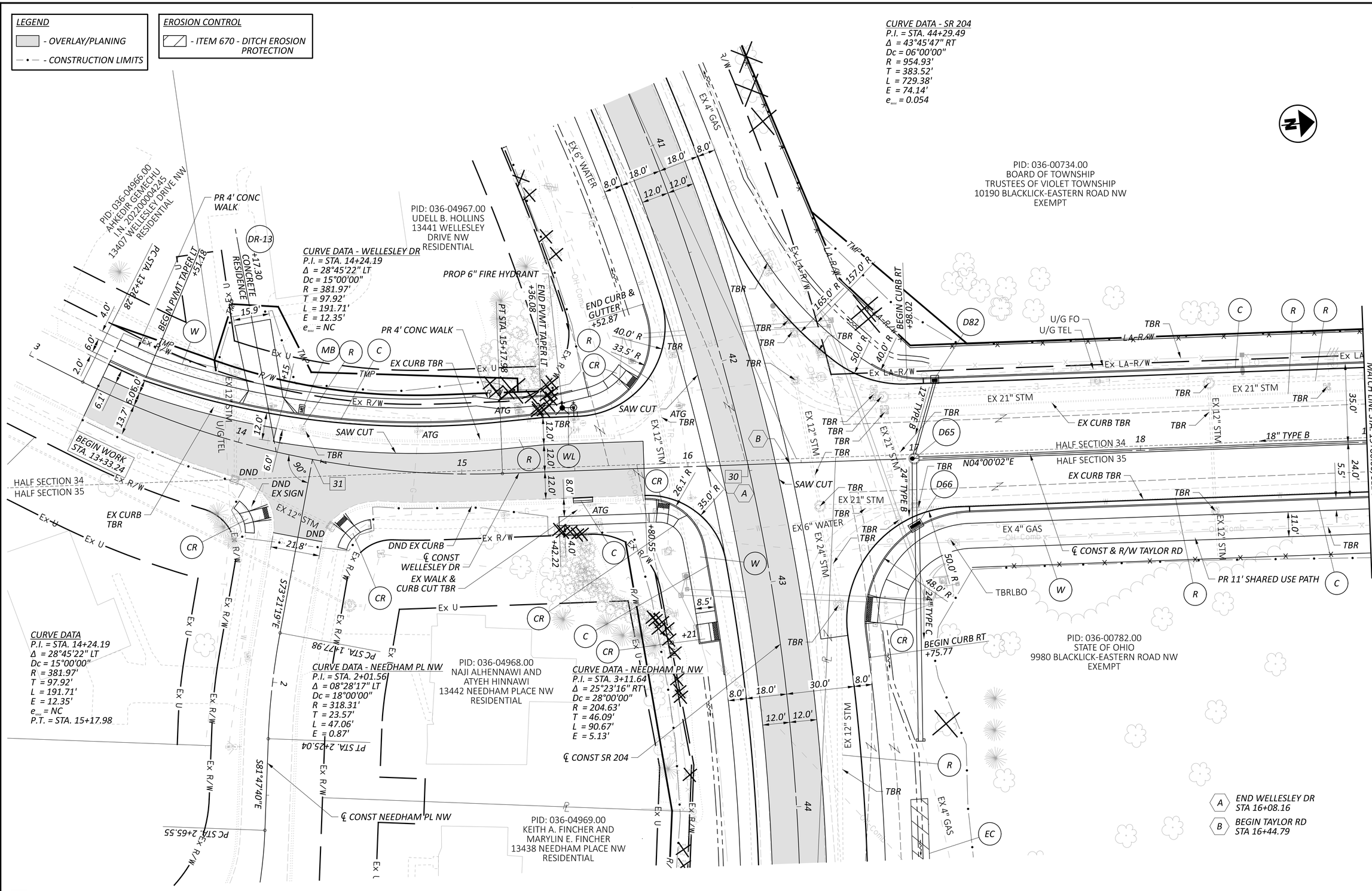
DESIGNER: AJO

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PLAN SHEET - SR 256
STA. 36+50.00 TO STA. 41+50.00

HORIZONTAL SCALE IN FEET

0 20
10 40



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - WELLESLEY DRIVE AND TAYLOR ROAD
STA. 13+33.24 TO STA. 19+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

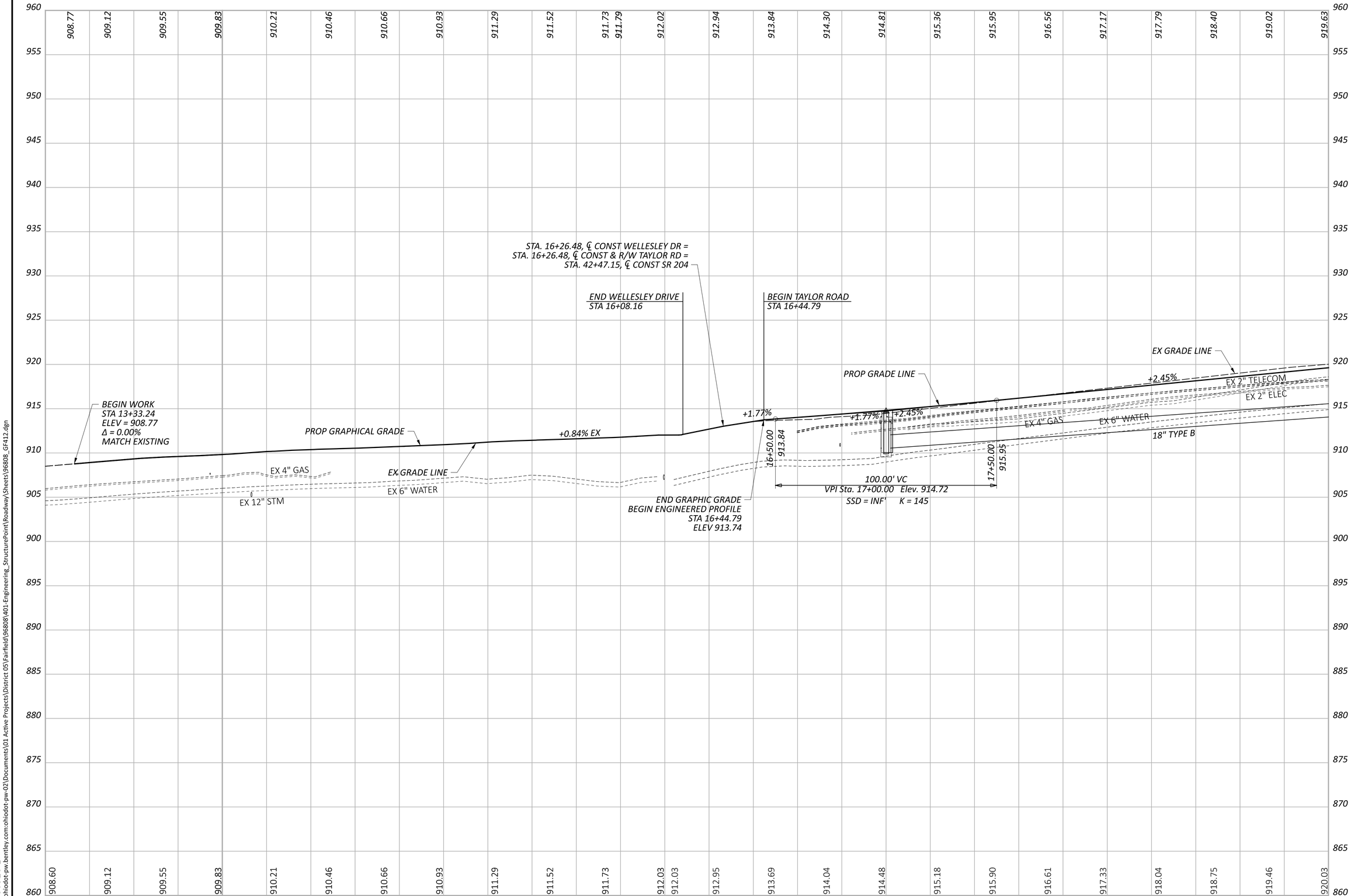
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0369 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:56:31 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP412.dgn



FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TAYLOR - Profile 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:56:46 PM USER: brieder
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PROFILE SHEET - WELLESLEY DRIVE AND TAYLOR ROAD
STA. 14+00.00 TO STA. 19+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
FGW

REVIEWER
KAM 08/07/26

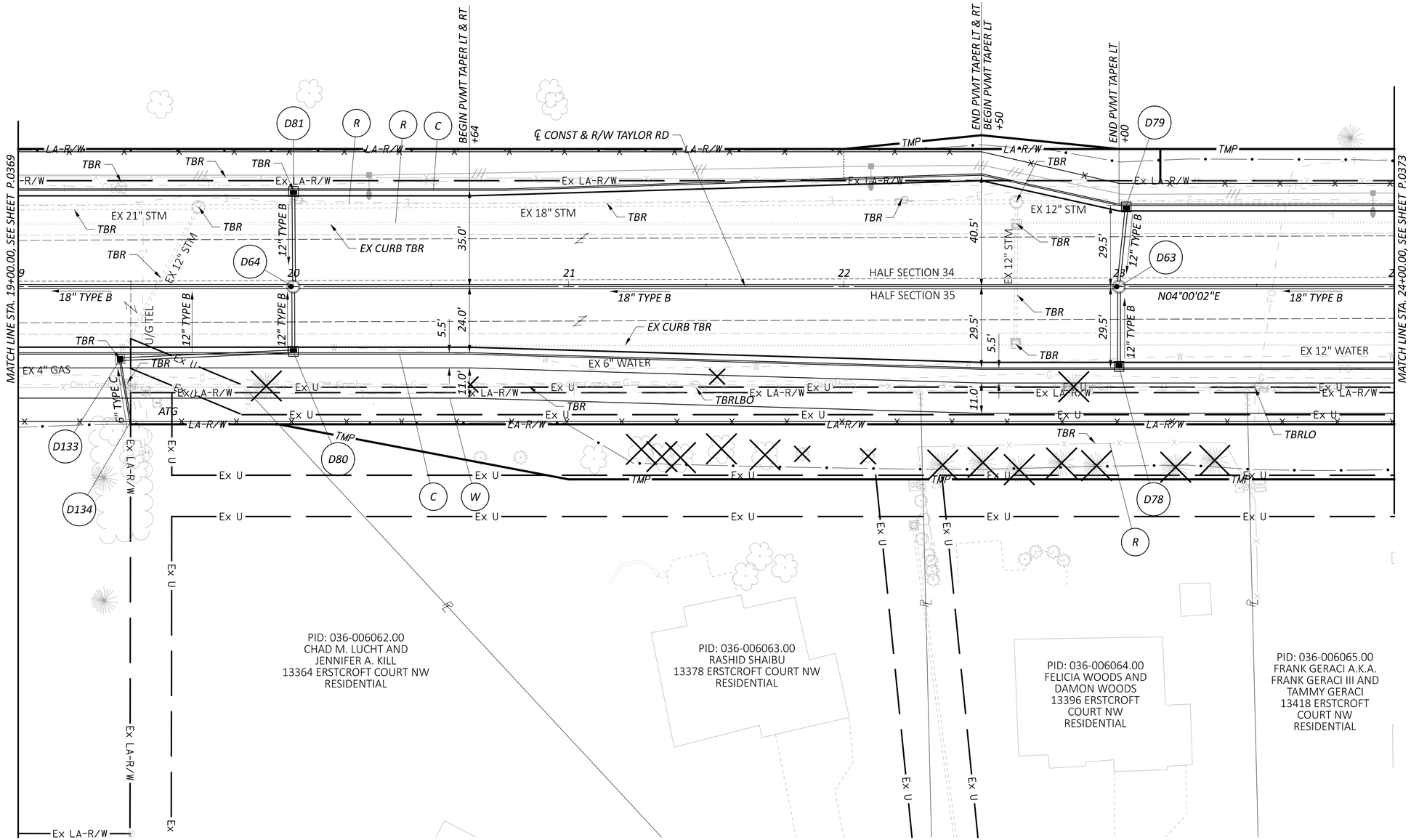
PROJECT ID
96808

SHEET P.0370 TOTAL P.2024

LEGEND

— • — - CONSTRUCTION LIMITS

PID: 036-00734.00
BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD STA. 19+00.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:56:55 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0371
TOTAL	P.2024

PROFILE SHEET - TAYLOR ROAD
STA. 19+00.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:06 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF413.dgn

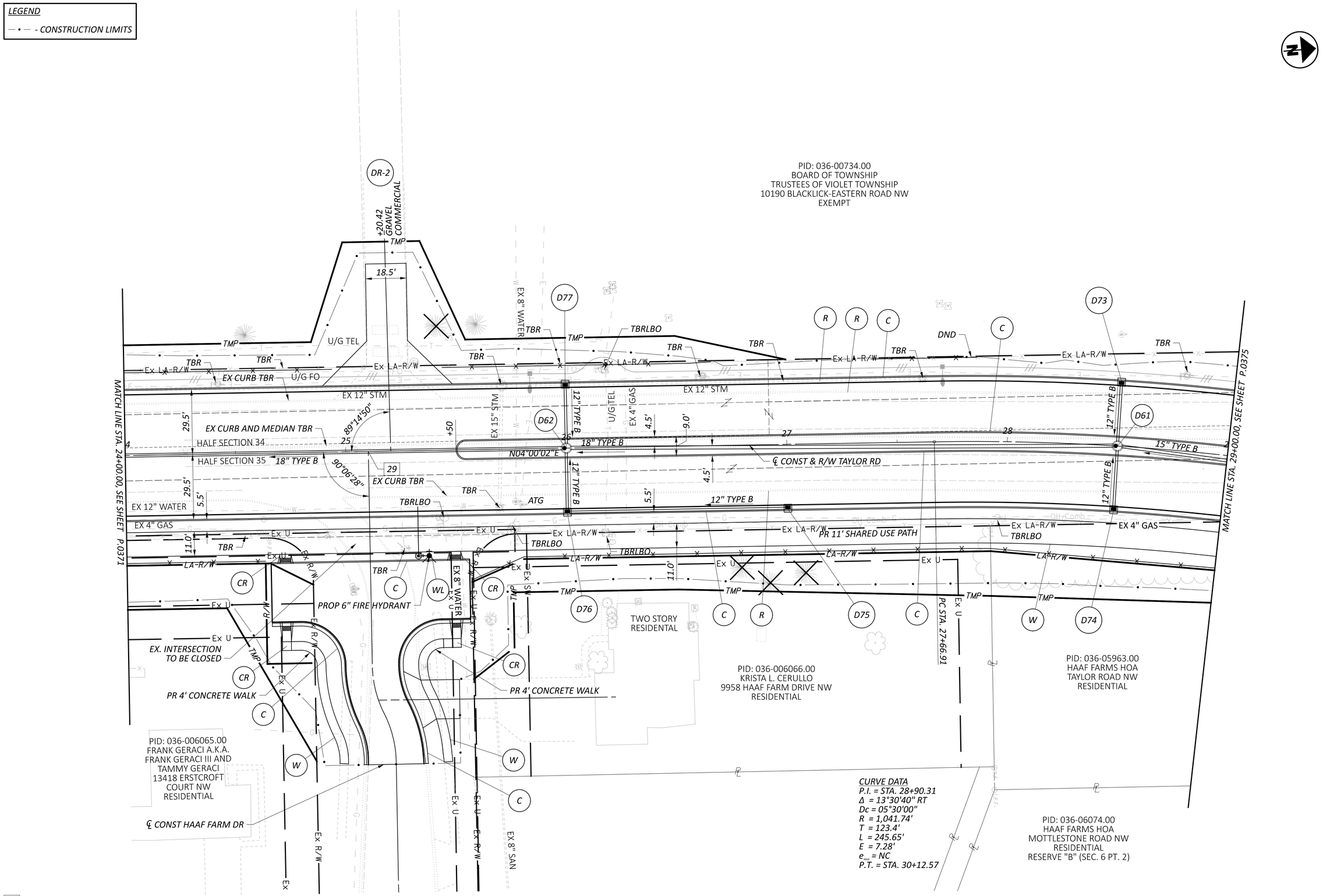
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0372 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 24+00.00 TO STA. 29+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0373 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:15 PM USER: brieder
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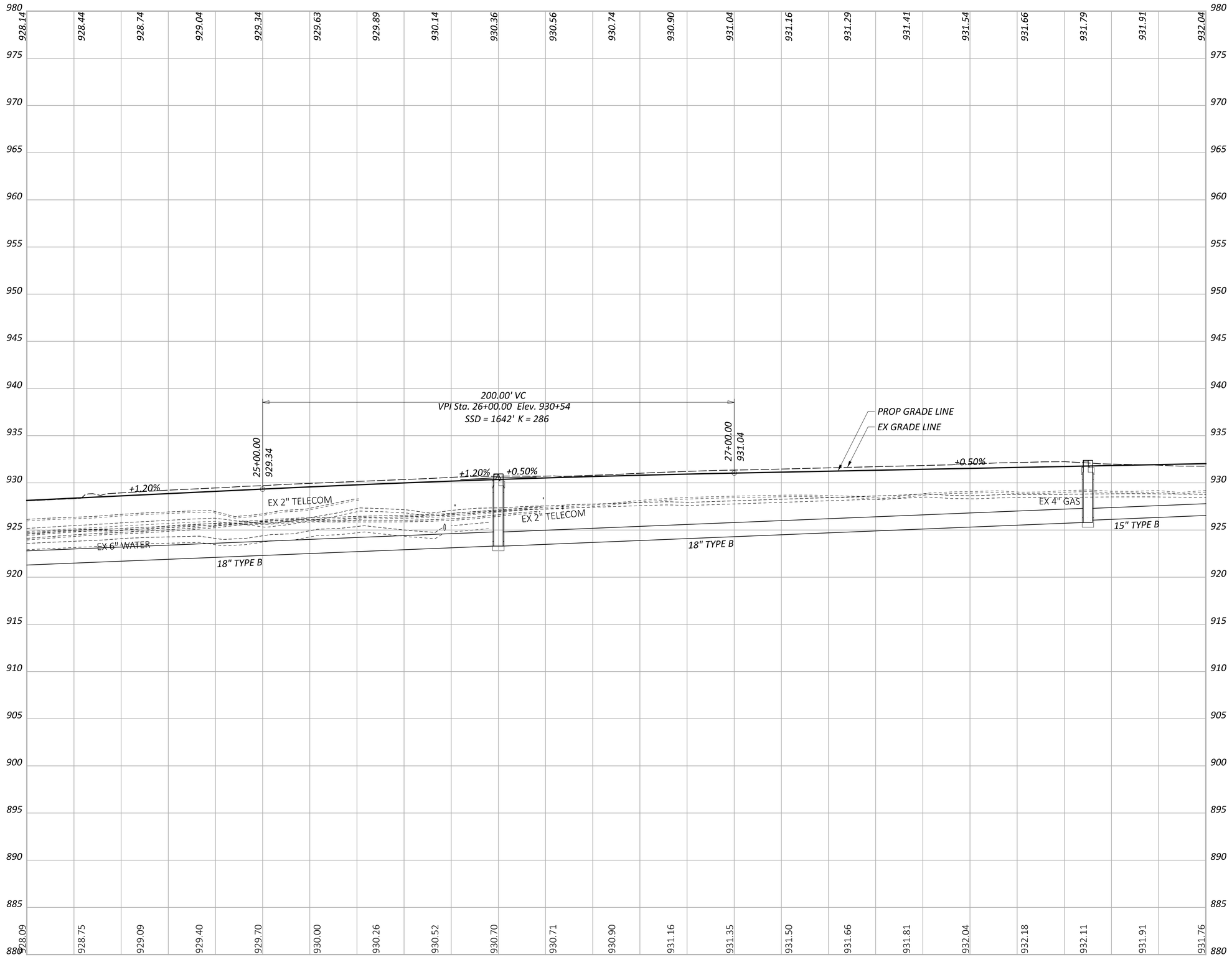

PROFILE SHEET - TAYLOR ROAD
STA. 24+00.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:25 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	FGW
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0374
TOTAL	P.2024

MODEL: CLP_TAYLOR - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:33 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP415.dgn

LEGEND
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 29+00.00 TO STA. 34+00.00

CURVE DATA
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'
e_{max} = NC
P.T. = STA. 35+26.02

CURVE DATA
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.4'
L = 245.65'
E = 7.28'
e_{max} = NC
P.C. = STA. 27+66.91

PID: 036-00734.00
BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

PID: 036-05963.00
HAAF FARMS HOA
TAYLOR ROAD NW
RESIDENTIAL

PID: 036-06074.00
HAAF FARMS HOA
MOTTLESTONE ROAD NW
RESIDENTIAL
RESERVE "B" (SEC. 6 PT. 2)

EX PAVEMENT TBR
EX CURB TBR
EX DRIVE TBR
TBR
TBRLBO
RAMP G
HALF SECTION 34
HALF SECTION 35
EX 4" GAS
WETLAND D
TOTAL IMPACTS:
- 0.042 ACRES
℄ CONST & R/W TAYLOR RD
N17°30'42"E
PC STA. 32+74.23
PR 11' SHARED USE PATH
BEGIN PVMT TAPER RT +50
END PVMT TAPER RT +00
PT STA. 30+12.57
BEGIN PVMT TAPER LT & RT +13
MATCH LINE STA. 29+00.00, SEE SHEET P.0373
MATCH LINE STA. 34+00.00, SEE SHEET P.0377
Ex LA-R/W
TMP
LA-R/W
OH-Comb
12" TYPE B
15" TYPE B
D59 D60 D68 D69 D70 D71 D72
C R W

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0375
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:43 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF415.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 29+00.00 TO STA. 34+00.00

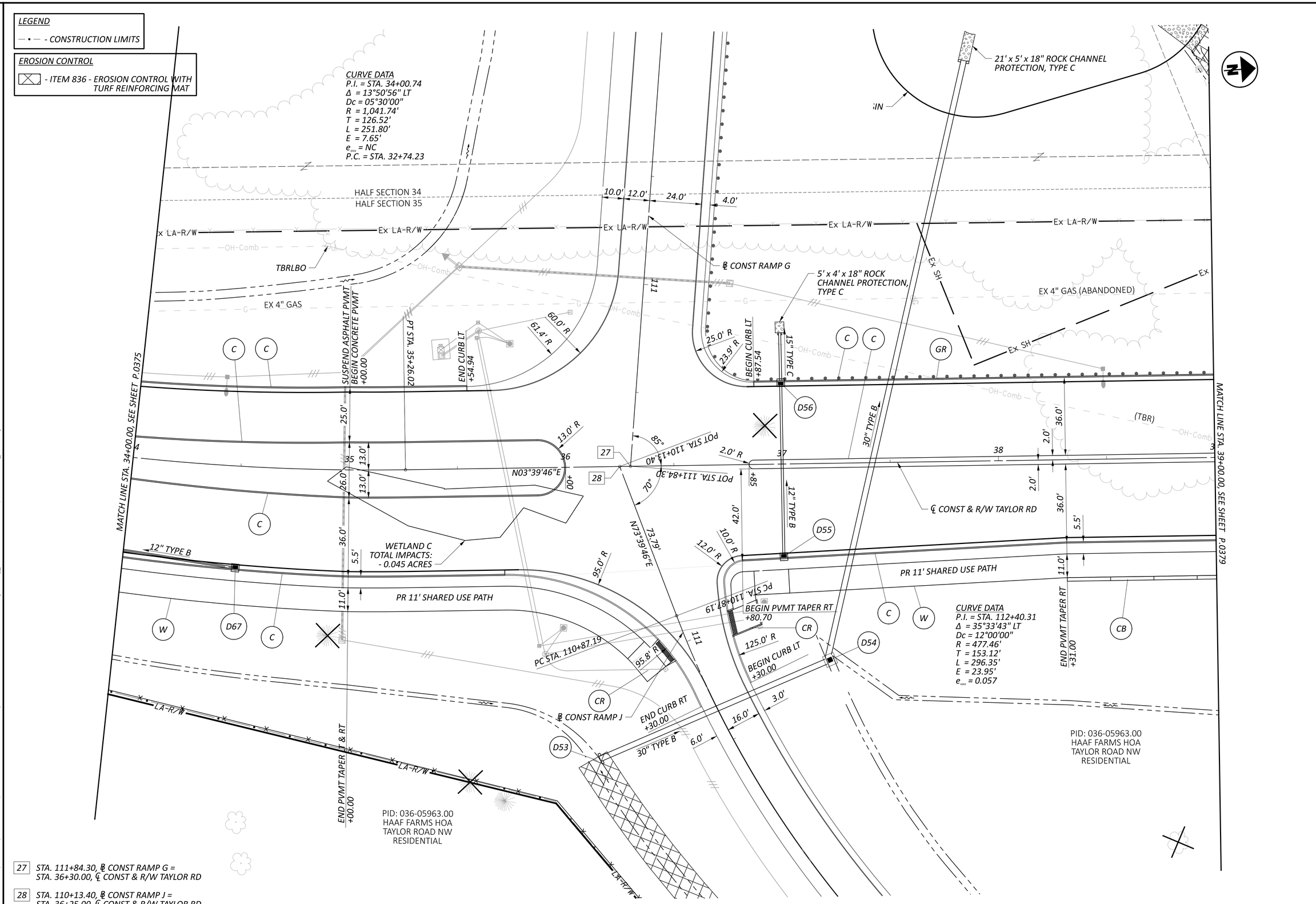
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0376 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 34+00.00 TO STA. 39+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0377 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:57:52 PM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 6 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:02 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF416.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 34+00.00 TO STA. 39+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0378 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:12 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP417.dgn

LEGEND

- *OVERLAY/PLANING*
- *PAVEMENT REMOVAL*
- *CONSTRUCTION LIMITS*

HORIZONTAL SCALE IN FEET
0 10 20 40

MATCH LINE STA. 39+00.00, SEE SHEET P.0377

MATCH LINE STA. 44+00.00, SEE SHEET P.0381

EX 4" GAS (ABANDONED)

℄ CONST & R/W IR 70

IR 70 EB

IR 70 WB

HALF SECTION 34
HALF SECTION 35

Ex LA-R/W

Ex SH

Ex R/W

EX PAVEMENT TBR

TAYLOR ROAD

EX 4" GAS

PT STA. 112+58.58

TBR
5' x 4' x 18" ROCK CHANNEL PROTECTION, TYPE C

END CURB LT +51.39

BEGIN CURB LT +94.64

BEGIN PVMT TAPER LT & RT +78.00

12" TYPE C

24" TYPE A

12" TYPE B

987.51'

68°49'45"

℄ CONST RAMP H

END APP. SLAB STA 42+57.19

℄ CONST & R/W TAYLOR RD

N03°39'46"E

EX DRIVE

TBRLBO

BEGIN APPROACH SLAB STA 39+56.99

TBR

STRUCTURE NO. FAI-0204A-00-460

END CURB RT +63.00

BEGIN CURB RT +15.00

EX DRIVE TBR

℄ CONST RAMP I

EROSION CONTROL

- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*
- *ITEM 670 - DITCH EROSION PROTECTION*

24 *STA. 114+03.78, ℄ CONST RAMP I = STA. 43+20.00, ℄ CONST & R/W TAYLOR RD*

25 *STA. 113+68.11, ℄ CONST RAMP H = STA. 43+07.23, ℄ CONST & R/W TAYLOR RD*

26 *STA. 41+15.09, ℄ CONST & R/W TAYLOR RD = STA. 112+93.76, ℄ CONST & R/W IR 70*

PLAN SHEET - TAYLOR ROAD
STA. 39+00.00 TO STA. 44+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0379 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 7 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:22 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF417.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 39+00.00 TO STA. 44+00.00

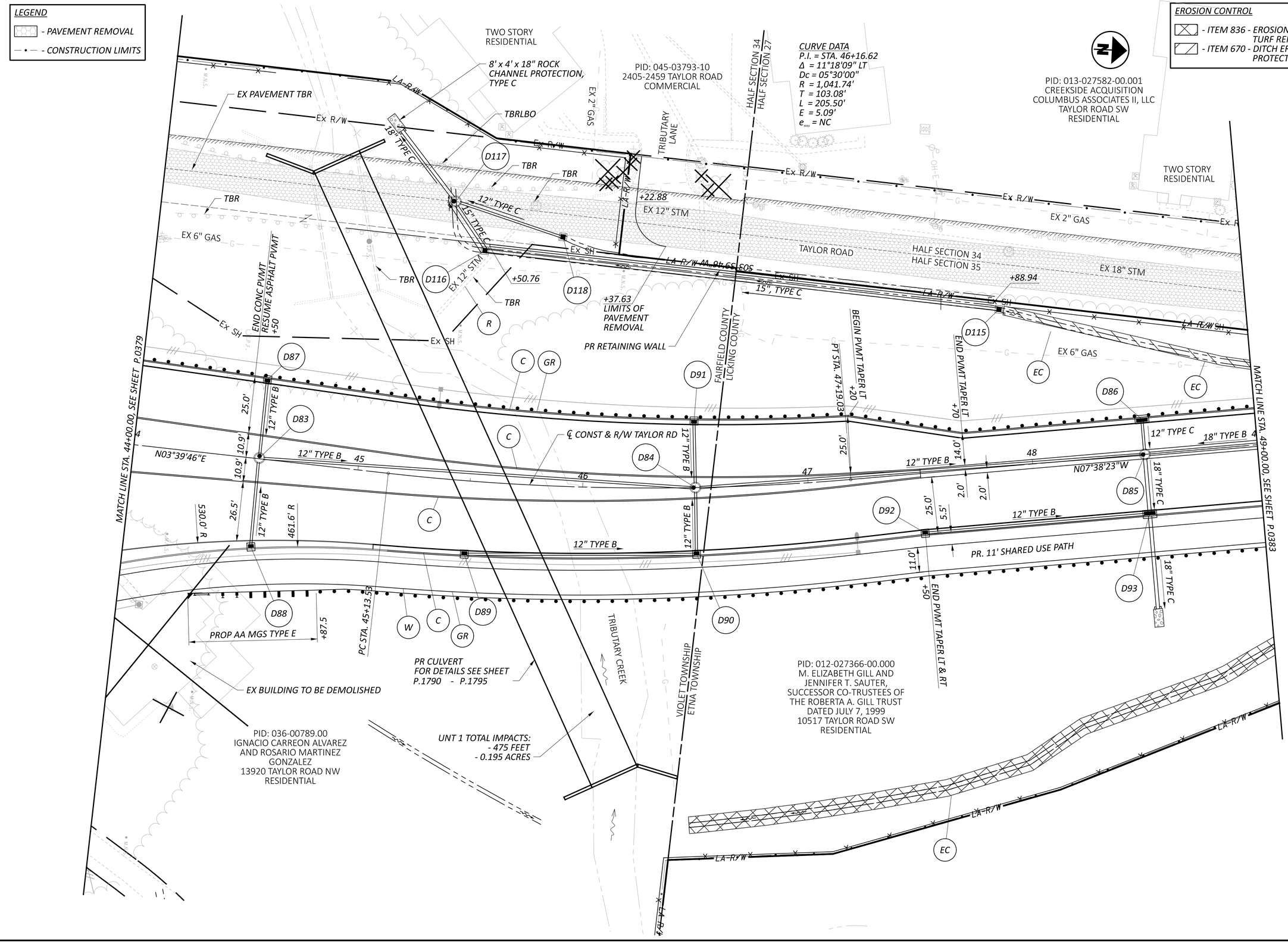
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0380 TOTAL P.2024



PLAN SHEET - TAYLOR ROAD
STA. 44+00.00 TO STA. 49+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0381 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 8 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:32 PM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 8 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:43 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF418.dgn

PROFILE SHEET - TAYLOR ROAD
STA. 44+00.00 TO STA. 49+00.00

957.29 956.49 955.69 954.89 954.09 953.29 952.49 951.69 950.89 950.09 949.29 948.49 947.72 947.04 946.42 945.89 945.42 945.04 944.72 944.49 944.32

1000 995 990 985 980 975 970 965 960 955 950 945 940 935 930 925 920 915 910 905 900

-3.20%

PROP GRADE LINE

12" TYPE B

12" TYPE B

-3.20% +2.20%

18" TYPE B

46+75.00
948.49

450.00' VC
VPI Sta. 49+00.00 Elev. 941.29
SSD = 380' K = 83

EX GRADE LINE

EX 6" GAS

934.58 928.61 924.48 915.79 906.73 902.12 903.44 901.46 901.43 906.26 903.36 903.81 907.00 911.27 912.63 915.16 919.27 922.87 926.29 930.01 933.42

44 45 46 47 48 49

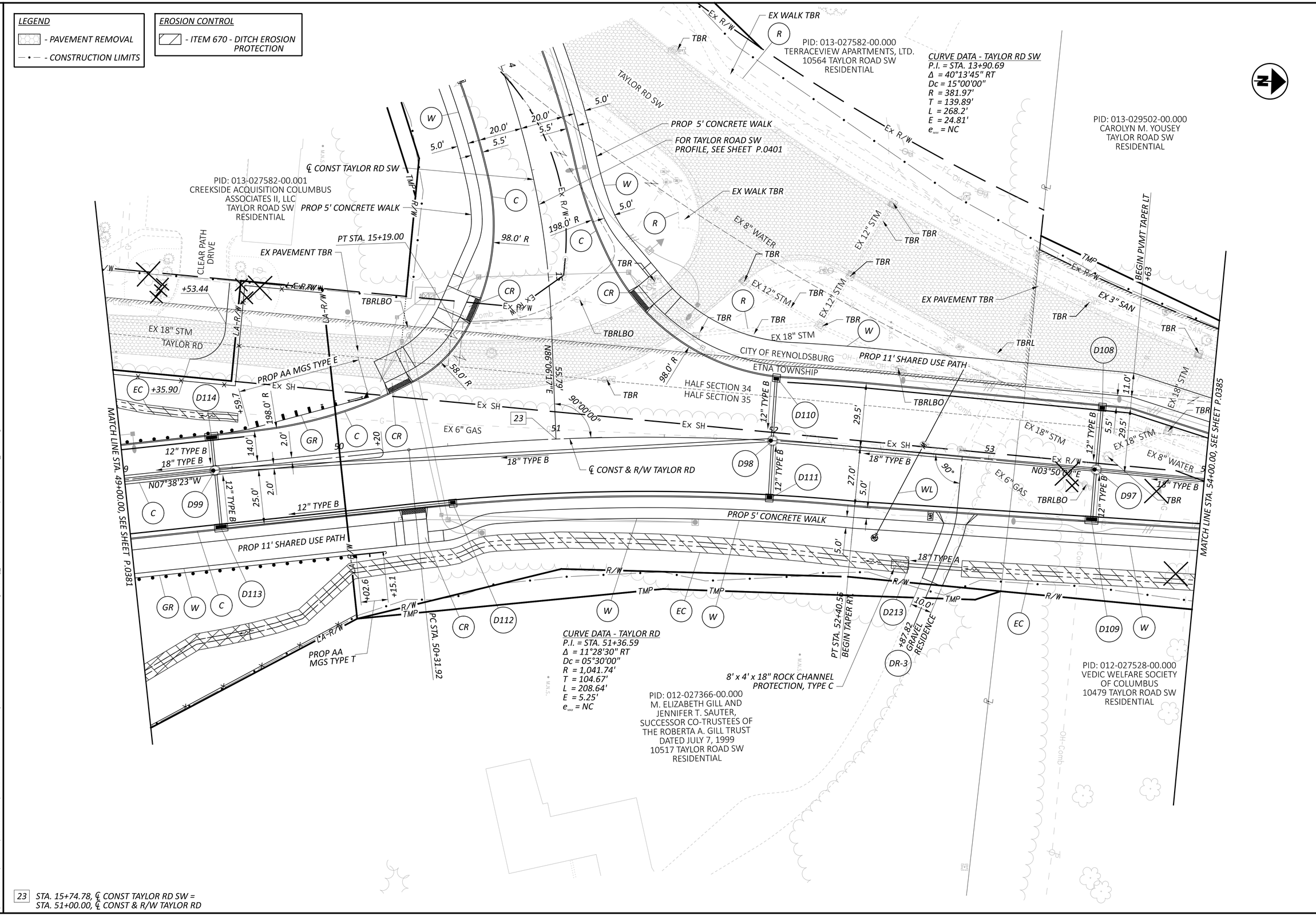
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0382 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD
STA. 49+00.00 TO STA. 54+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0383 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 9 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:58:51 PM USER: brieder
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PROFILE SHEET - TAYLOR ROAD
STA. 49+00.00 TO STA. 54+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 9 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:59:02 PM USER: brieder
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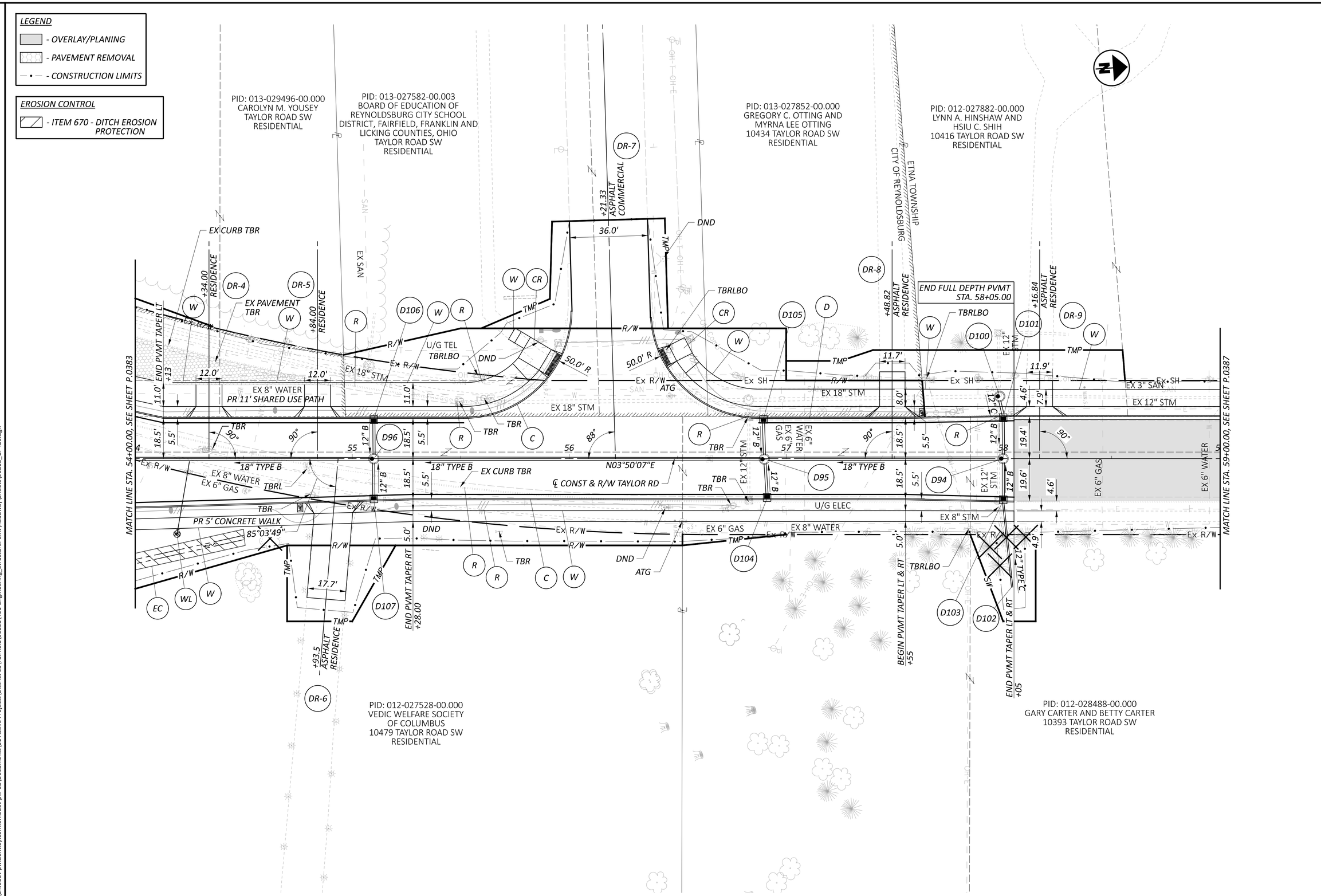
DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER	FGW
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0384
TOTAL	P.2024



PLAN SHEET - TAYLOR ROAD
STA. 54+00.00 TO STA. 59+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0385 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 10 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:59:11 PM USER: brieder
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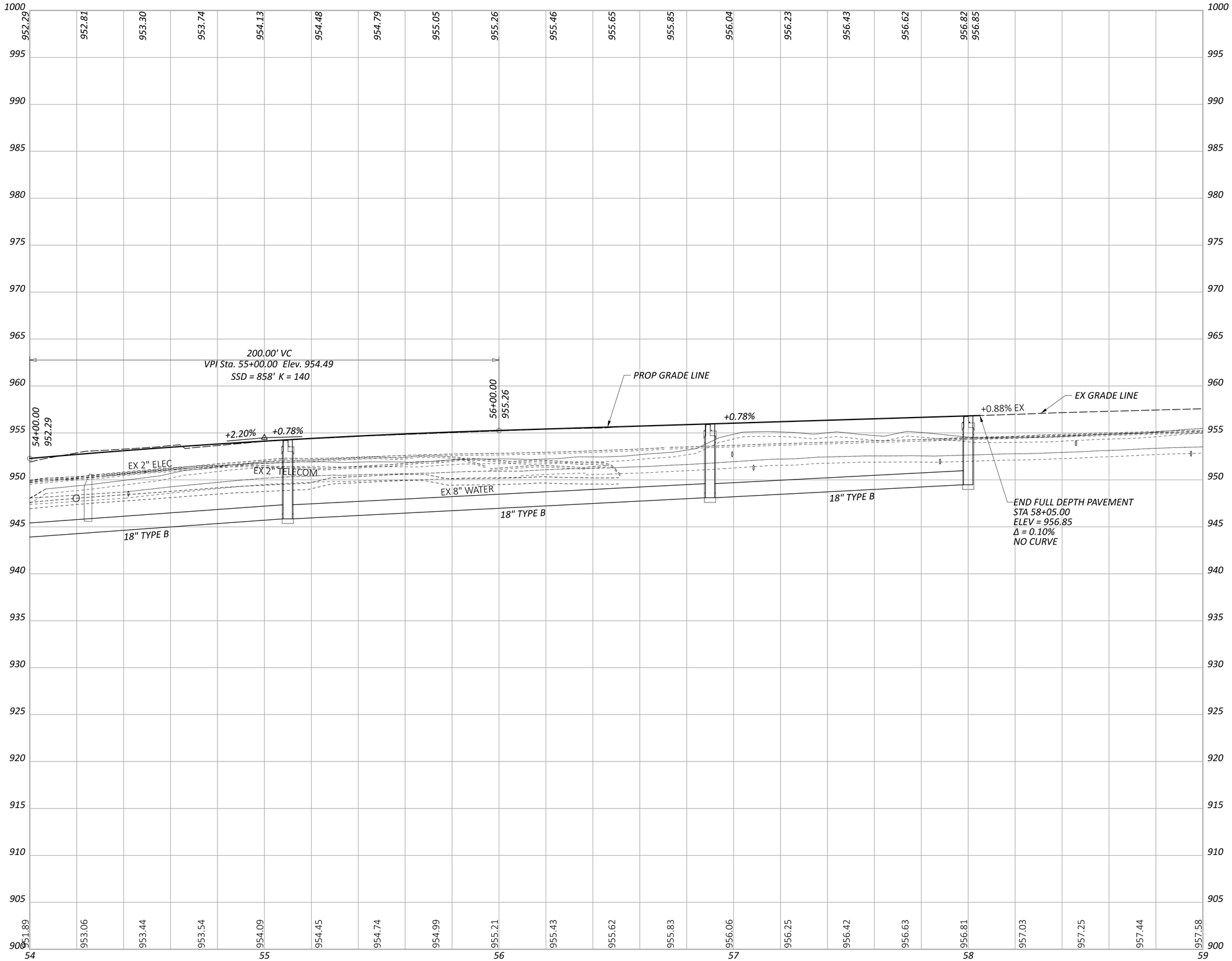

PROFILE SHEET - TAYLOR ROAD
STA. 54+00.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 10 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:59:21 PM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0386 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 11 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 9:59:30 PM USER: brieder
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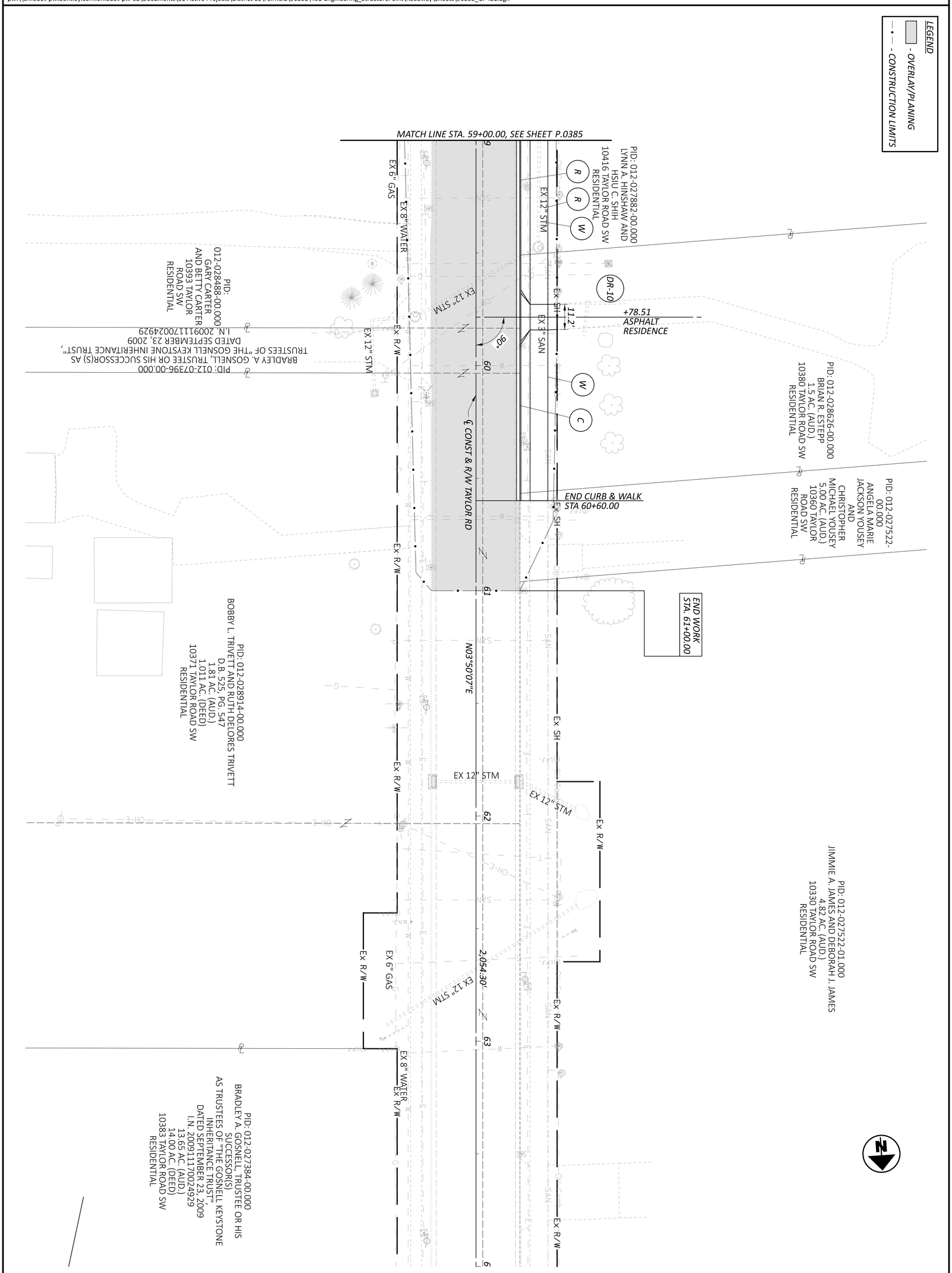

SHEET P.0387	TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.				

PLAN SHEET - TAYLOR ROAD
STA. 59+00.00 TO STA. 64+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_TAYLOR - Profile 11 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:08:52 PM USER: brieder
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PROFILE SHEET - TAYLOR ROAD
STA. 59+00.00 TO STA. 64+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

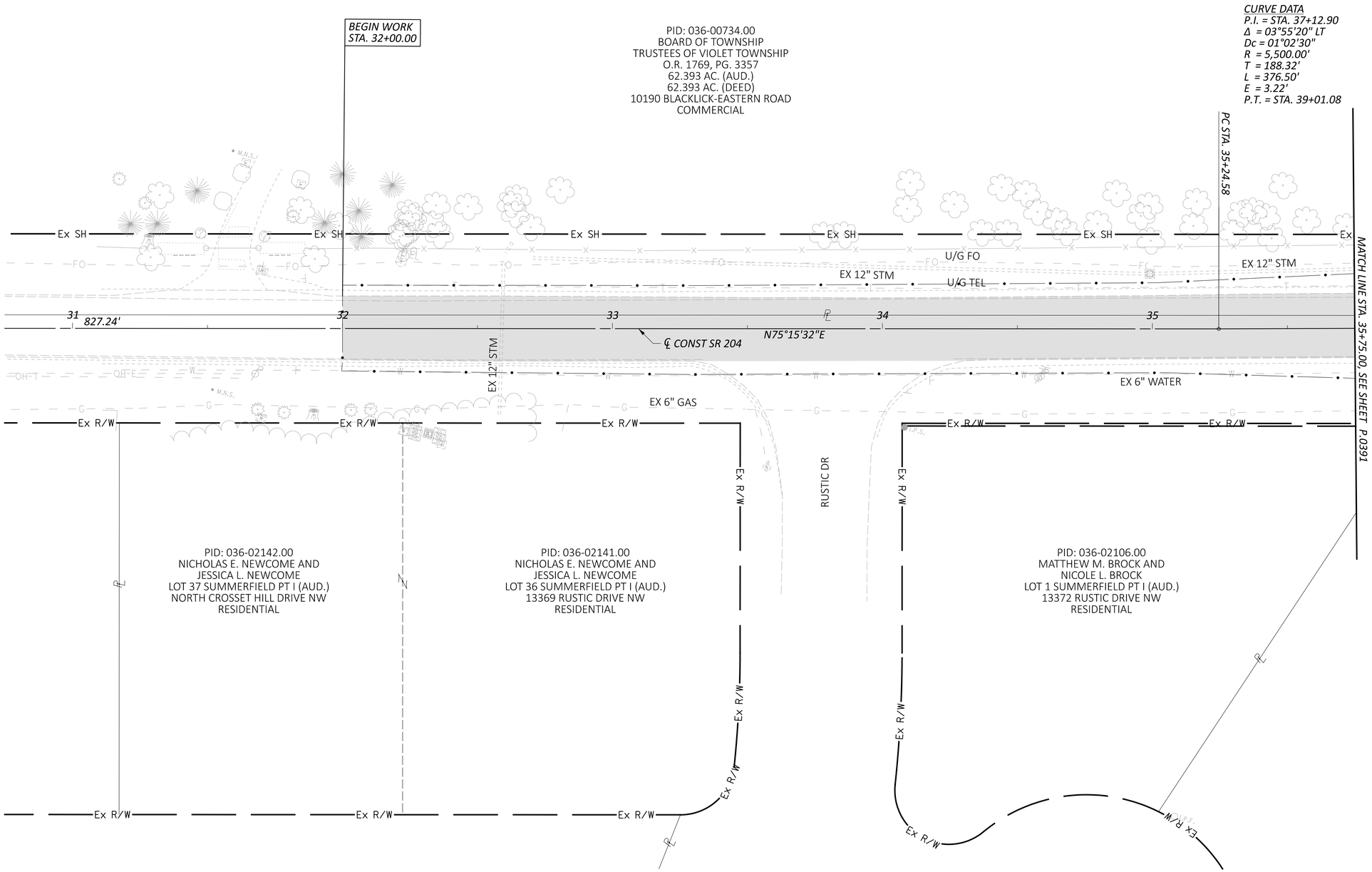
PROJECT ID
96808

SHEET P.0388 TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 30+75.00 TO STA. 35+75.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0389 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:19:12 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP430.dgn

MODEL: CLP_S204 - Profile 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:20:05 PM USER: brieder
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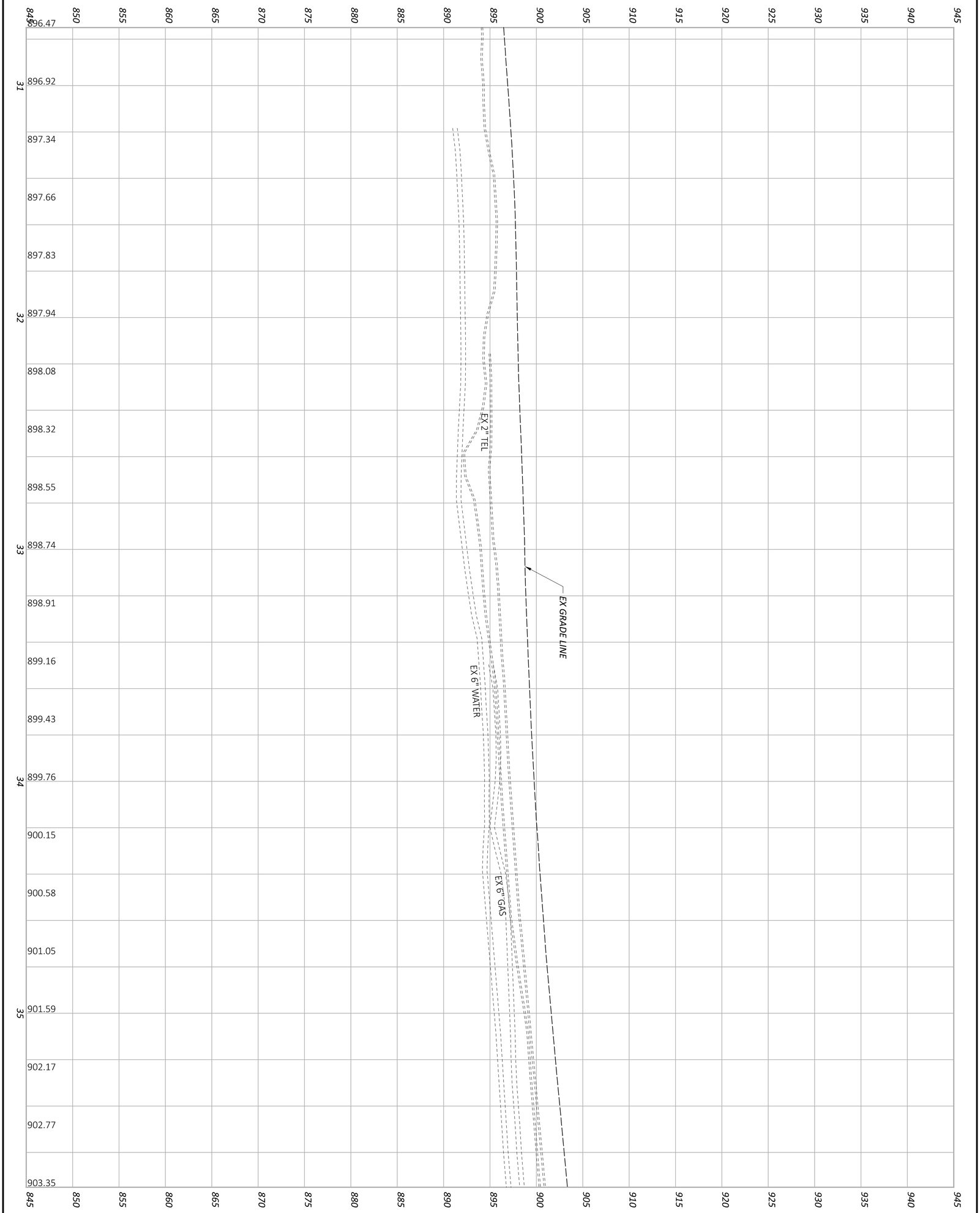

SHEET	TOTAL
P 0390	P 2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	KAM 08/07/26	FGW	AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 30+75.00 TO STA. 35+75.00

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CURVE DATA
P.I. = STA. 37+12.90
Δ = 03°55'20" LT
Dc = 01°02'30"
R = 5,500.00'
T = 188.32'
L = 376.50'
E = 3.22'
P.C. = STA. 35+24.58

BEGIN FULL DEPTH PVMT
STA. 36+50.00

BEGIN PVMT & SHLDR TAPER LT & RT

END PVMT & SHLDR TAPER LT & RT
+97.00

PT STA. 39+01.08

MATCH LINE STA. 35+75.00 SEE SHEET P.0389

MATCH LINE STA. 40+75.00 SEE SHEET P.0393

PC STA. 40+45.97

D140 D139 R EC D211 DR-11

SH Ex SH LA-R/W Ex LA-

U/G FO U/G TEL EX 12" STM EX 4" GAS EX 6" GAS EX 6" WATER

12" TYPE B 15" TYPE A SAW CUT

TBR TBRLBO TMP

Ex R/W Ex U

2.0' 5.5' 11.0' 8' 10.7' 10.8' 2.0' 8.0' 18.0' 9.0' 12.0' 20.8'

36 37 38 39 40

N71°20'12"E

70°

℄ CONST SR 204

±60.00 CONCRETE RESIDENCE

6' x 4' x 18" ROCK CHANNEL PROTECTION, TYPE C

PID: 036-00734.00
BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD
COMMERCIAL

PID: 036-02107.00
TIMOTHY R. PITT AND
KAREN S. PITT, TRUSTEES
OF THE TIMOTHY R. PITT & KAREN S. PITT
JOINT TRUST EXECUTED APRIL 27, 2018
10124 NORTH CROSSET HILL PLACE NW
RESIDENTIAL

PID: 036-04965.00
DEBRA ELAINE ROY, TRUSTEE
OF THE DEBRA ELAINE ROY
TRUST DATED OCTOBER 25, 1999
10055 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

PID: 036-04967.00
UDELL B. HOLLINS
13441 WELLESLEY DRIVE NW
RESIDENTIAL

PLAN SHEET - SR 204
STA. 35+75.00 TO STA. 40+75.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0391 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:19:40 PM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Profile 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:24:10 PM USER: brieder
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PROFILE SHEET - SR 204
STA. 35+75.00 TO STA. 40+75.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0392 TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

EROSION CONTROL

- ITEM 670 - DITCH EROSION PROTECTION

PID: 0360073400
BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
O.R. 1769, PG. 3357
62.393 AC. (AUD.)
62.393 AC. (DEED)
10190 BLACKLICK-EASTERN RD.
COMMERCIAL

PID: 036-00782.00
STATE OF OHIO
O.R. 687, PG. 340
PARCEL 5WL
1.3 ACRES (AUDITOR)
1.301 ACRES (DEED)
9980 BLACKLICK-EASTERN ROAD NW
EXEMPT

PID: 0360496700
UDELL B. HOLLINS
LOT 188 GLENSHIRE III SECTION 5
PHASE II (AUD.)
13441 WELLESLEY DR. NW
RESIDENTIAL

PID: 0360496800
NAJI ALHENNAWI AND
ATYEH HINNAWI
LOT 189 GLENSHIRE III SECTION 5 PHASE II (AUD.)
13442 NEEDHAM PL. NW
RESIDENTIAL

PID: 0360496900
KEITH A. FINCHER AND
MARYLIN E. FINCHER
LOT 190 GLENSHIRE III SECTION 5 PHASE II (AUD.)
13438 NEEDHAM PL. NW
RESIDENTIAL

CURVE DATA - SR 204
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'
e_{max} = 0.054
PC = STA. 40+45.97
PT = STA. 47+75.36

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 2+01.56
Δ = 08°28'17" LT
Dc = 18°00'00"
R = 318.31'
T = 23.57'
L = 47.06'
E = 0.87'
e_{max} = NC
PT = STA. 2+50.04

CURVE DATA - WELLESLEY DR
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'
e_{max} = NC
PC = STA. 13+26.28

30 *STA. 42+47.15, ℄ CONST SR 204 = STA. 16+26.48, ℄ CONST WELLESLEY DR = STA. 16+26.48, ℄ CONST & R/W TAYLOR RD*

31 *STA. 1+00.00, ℄ NEEDHAM PL NW = STA. 14+33.69, ℄ CONST WELLESLEY DR*

A *END WELLESLEY DR STA 16+08.16*

B *BEGIN TAYLOR RD STA 16+44.79*

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 40+75.00 TO STA. 44+25.00

DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0393
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:20:09 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP432.dgn

MODEL: CLP_S204 - Profile 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:28:03 PM USER: brieder
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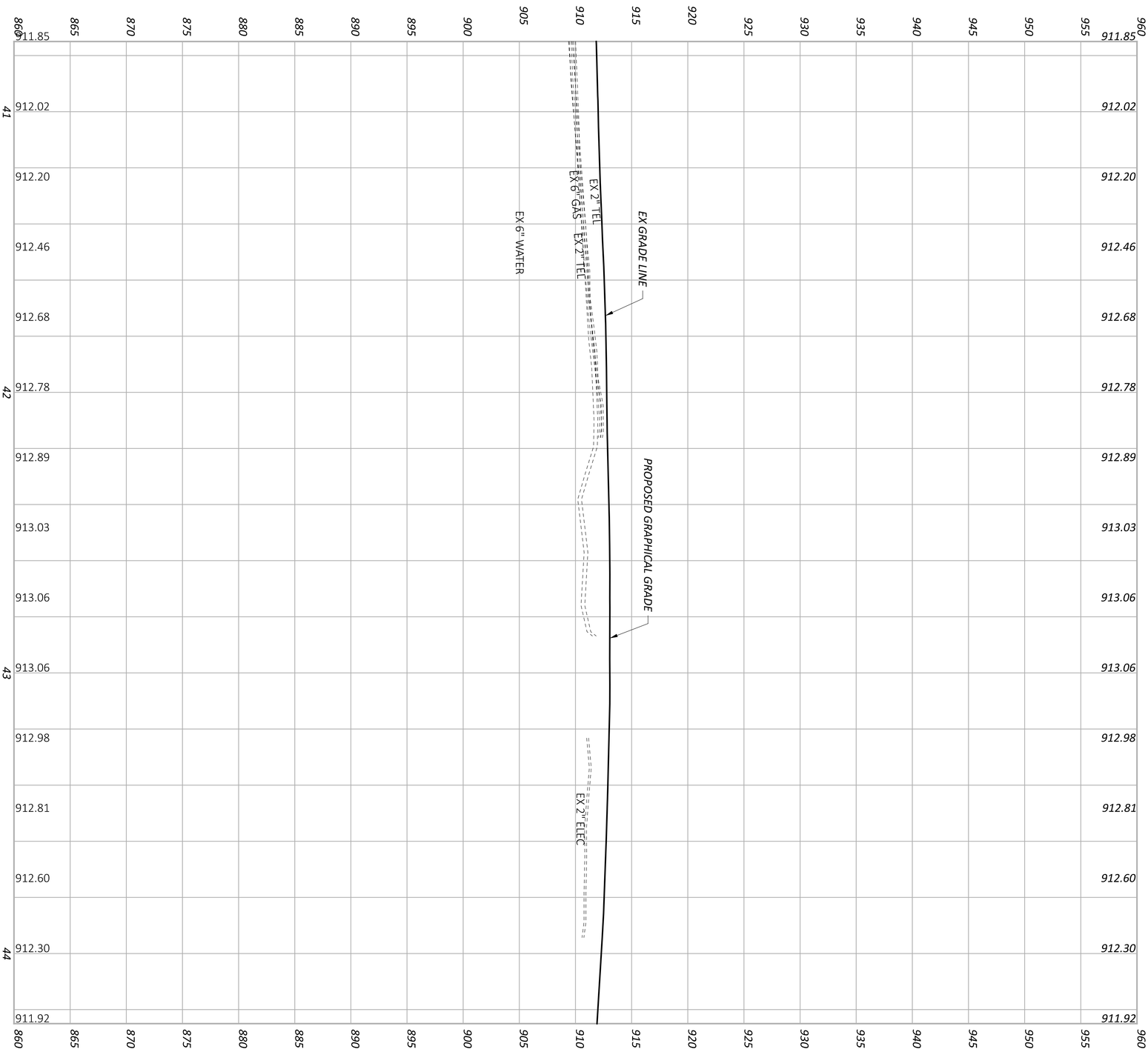


SHEET	TOTAL
P 0394	P 2024

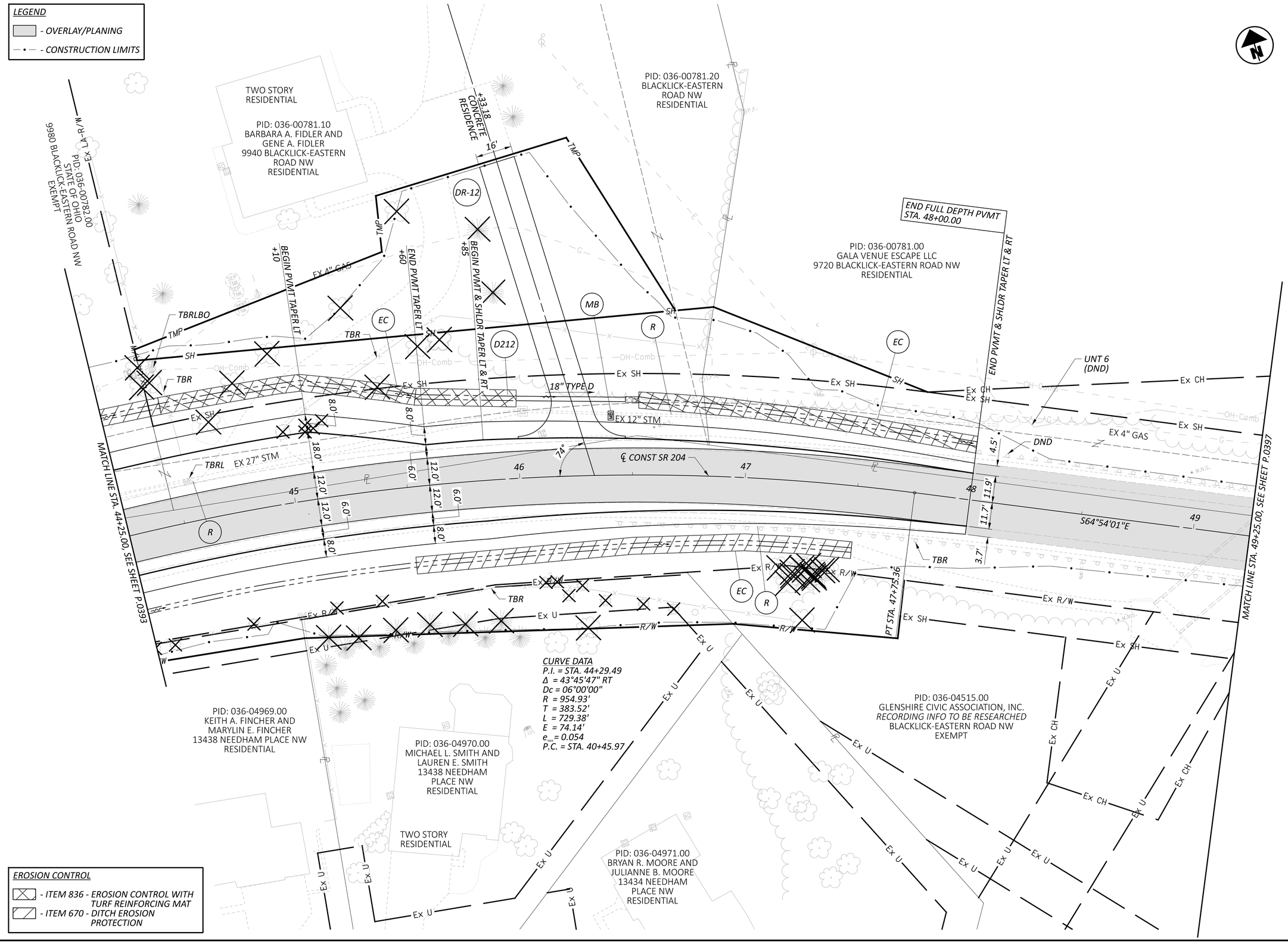
PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: FGW

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 40+75.00 TO STA. 44+25.00



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 44+25.00 TO STA. 49+25.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0395 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:20:49 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GP433.dgn

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Profile 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:30:40 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GF433.dgn

PROFILE SHEET - SR 204
STA. 44+25.00 TO STA. 49+25.00

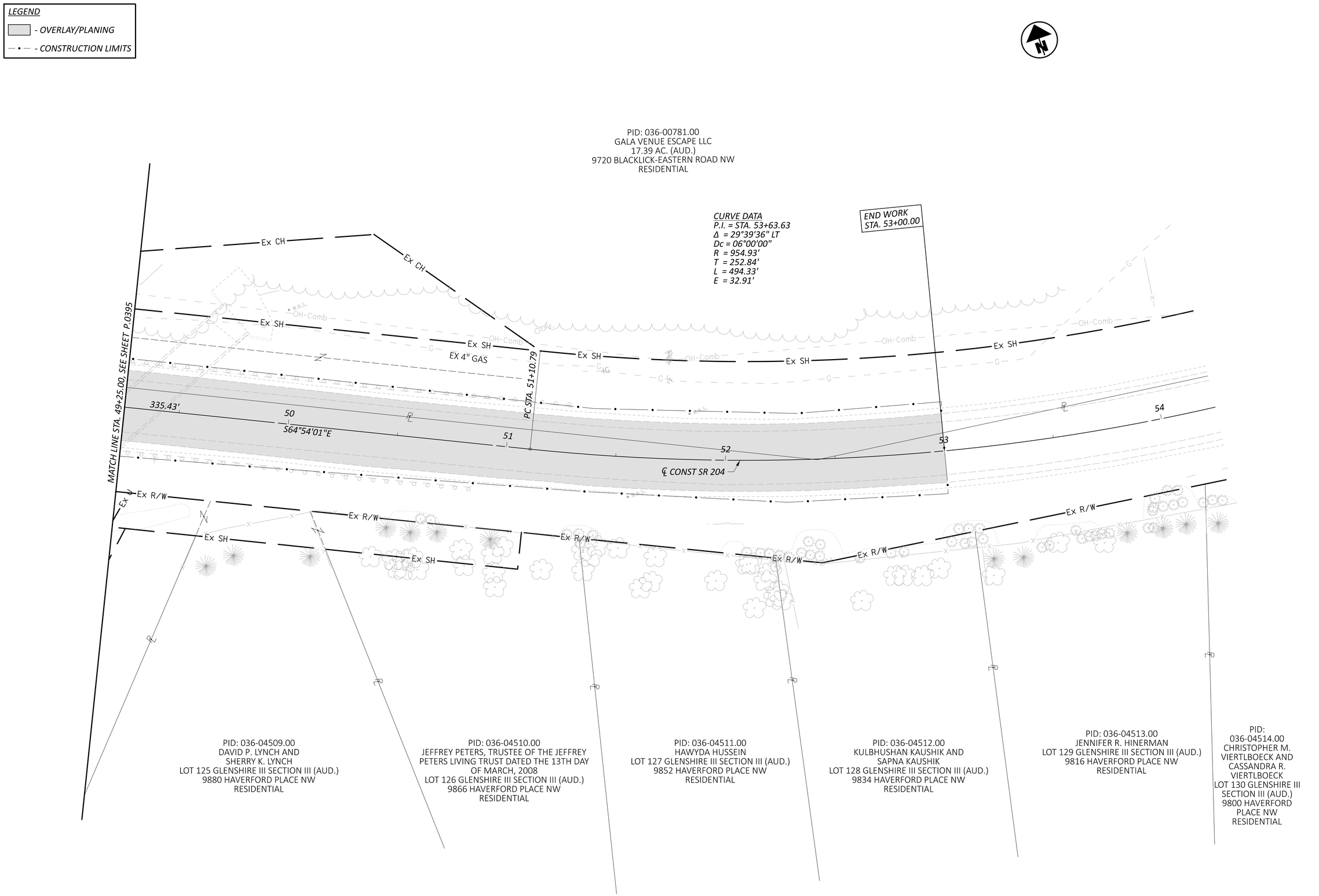
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
XXX

REVIEWER
XXX 08/07/26

PROJECT ID
96808

SHEET P.0396 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - SR 204
STA. 49+25.00 TO STA. 54+25.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0397 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:21:23 PM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - Profile 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:35:26 PM USER: brieder
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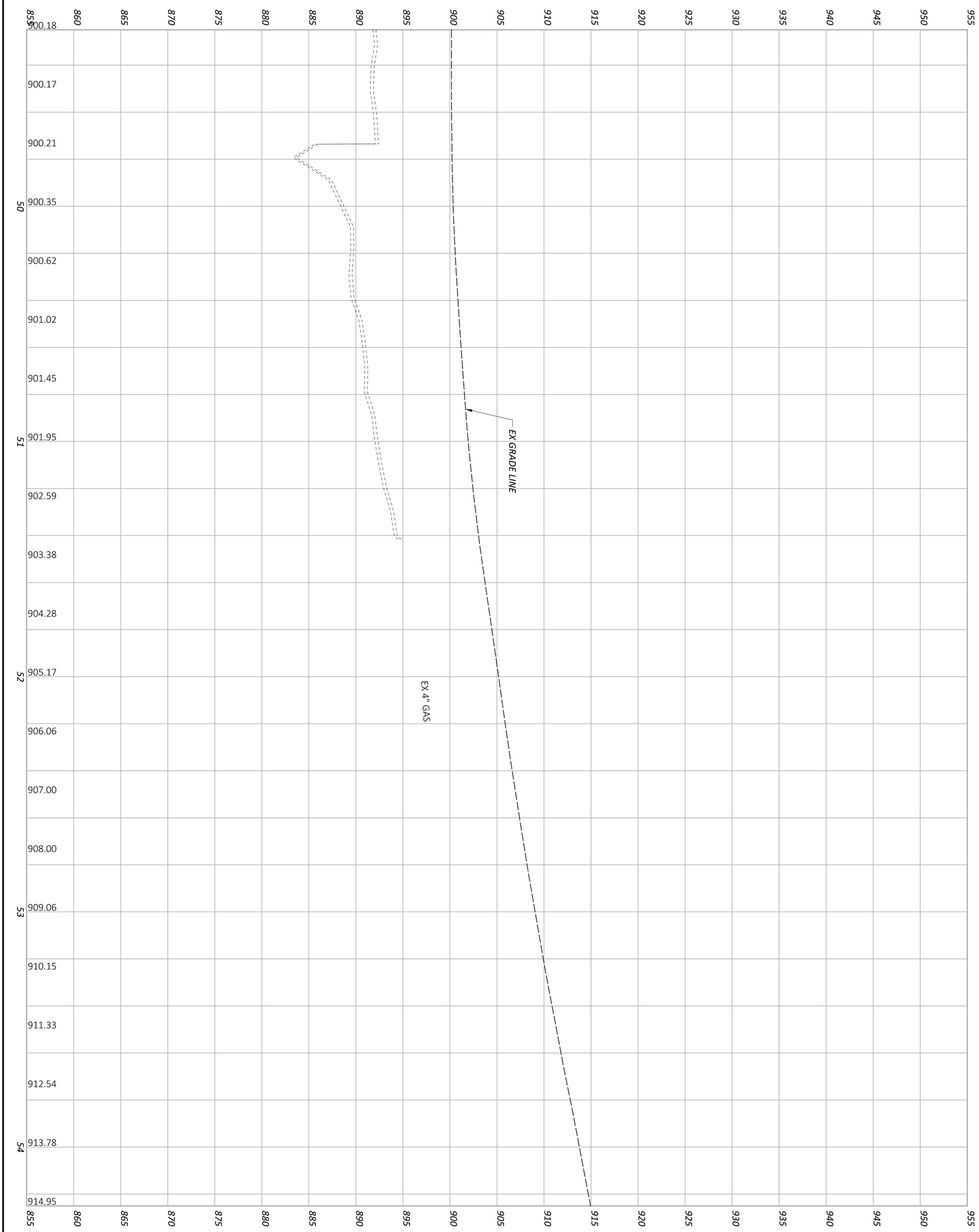

SHEET	TOTAL
P 0398	P 2024

PROJECT ID: 96808

REVIEWER: XXX 08/07/26

DESIGNER: XXX

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PROFILE SHEET - SR 204
STA. 49+25.00 TO STA. 54+25.00

MODEL: CLP_TAYLORSW - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:21:51 PM USER: brieder
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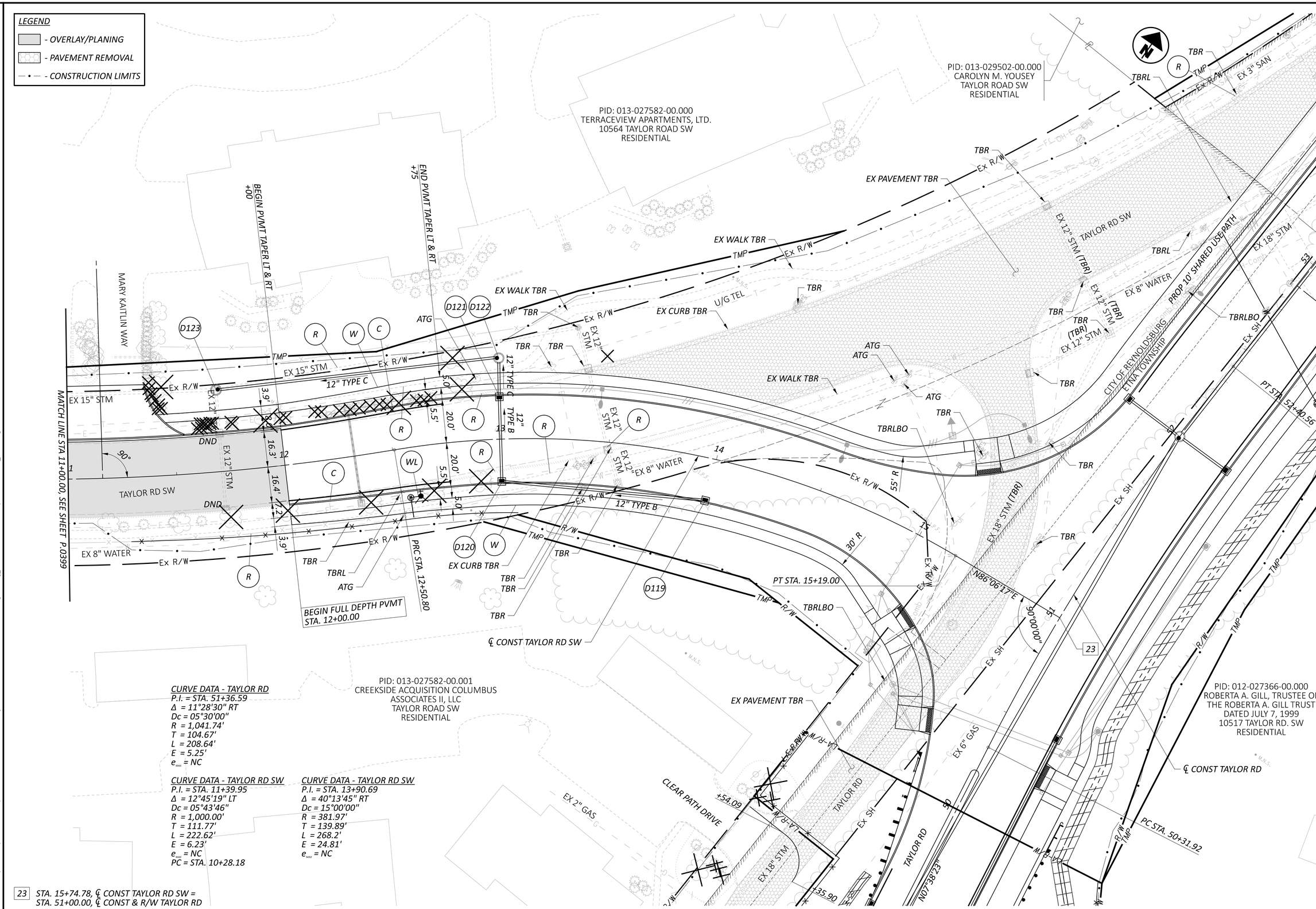
DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.0399	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PLAN SHEET - TAYLOR ROAD SW
STA. 7+00.00 TO STA. 11+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40



CURVE DATA - TAYLOR RD
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'
e_{MAX} = NC

CURVE DATA - TAYLOR RD SW
P.I. = STA. 11+39.95
Δ = 12°45'19" LT
Dc = 05°43'46"
R = 1,000.00'
T = 111.77'
L = 222.62'
E = 6.23'
e_{MAX} = NC
PC = STA. 10+28.18

CURVE DATA - TAYLOR RD SW
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.2'
E = 24.81'
e_{MAX} = NC

23 STA. 15+74.78, ℄ CONST TAYLOR RD SW = STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - TAYLOR ROAD SW
STA. 9+00.00 TO STA. 14+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0400 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLORSW - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:22:11 PM USER: brieder
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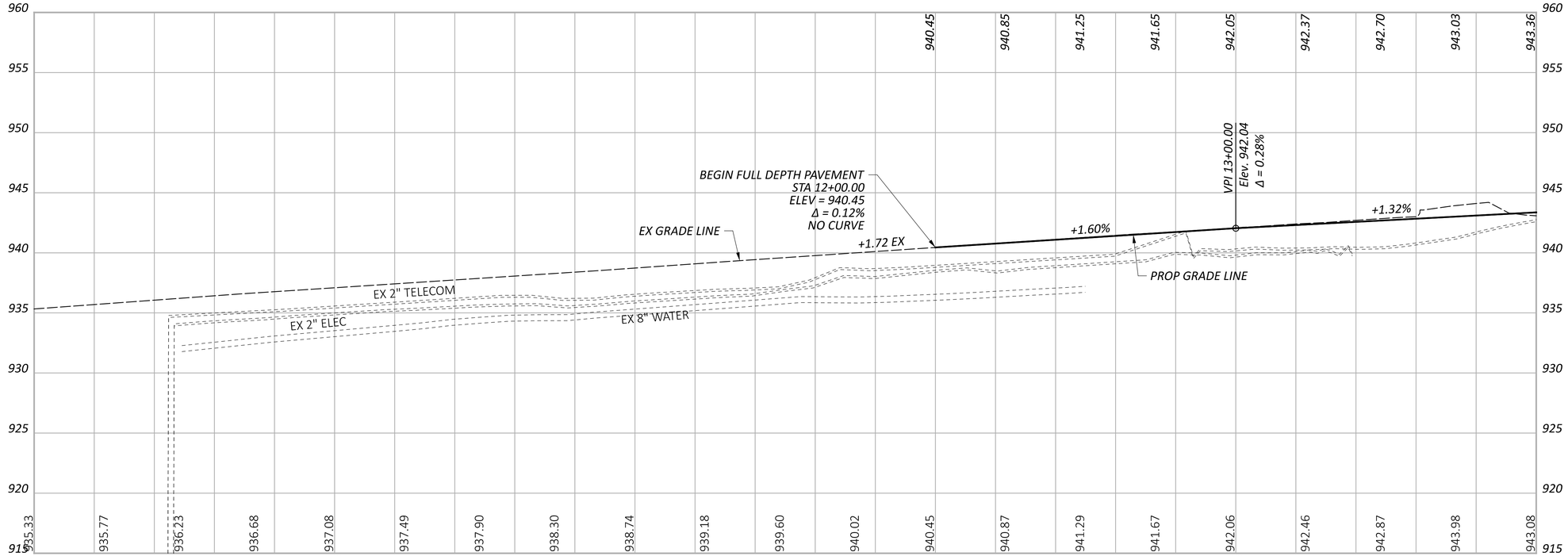

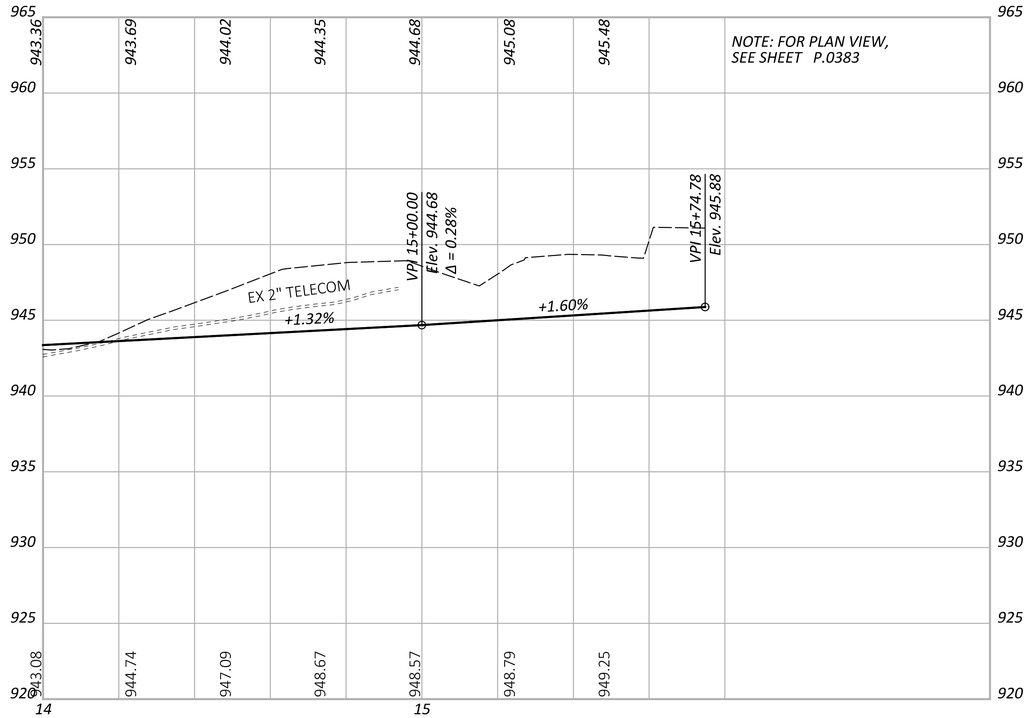

FAI/LIC-IR 70-0.00/0.00

MODEL: PGL_CLP_Taylor Rd SW - Profile 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:38:15 PM USER: brieder
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PROFILE SHEET - TAYLOR ROAD SW
STA. 9+00.00 TO STA. 15+74.78

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
FGW

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0401 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:22:50 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GP461.dgn

LEGEND
- OVERLAY/PLANING
- CONSTRUCTION LIMITS

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN SHEET - PALMER RD
STA. 15+00.00 TO STA. 20+00.00

CITY OF REYNOLDBURG
ETNA TOWNSHIP
Ex R/W
Ex R/W
Ex R/W
Ex LA-R/W
Ex LA-R/W
FRENCH LAKE DR
BEGIN WORK
STA. 16+50.00
PI STA 17+56.86
Δ = 00°21'24" (RT)
NO CURVE
BEGIN FULL DEPTH PVMT
STA. 18+00.00
BEGIN PVMT & SHLDR TAPER RT & LT
END PVMT & SHLDR TAPER RT & LT
+20
EX 36" STM
EX SAN
EX 2" TELECOM
EX 8" SAN
EX 18" STM
EX 8" SAN
DND
EX 12" WATER
EX 2" TELECOM
EX 6" GAS
℄ CONST & R/W PALMER RD
S86°31'58"E
S86°10'34"E
Ex LA-R/W
2.0'
10.0'
9.8'
9.7'
1.3'
+14.05
SAW CUT
CONC. BARRIER, TYPE D
+08.87
CB
12" WATER
43°39'12"
165
34
W
CB
R
WL
STRUCTURE NO.
LIC-00070-00.740 L
36" TYPE A
STRUCTURE NO.
LIC-00070-00.740 R
D201
164
EX 15" STM
℄ CONST & R/W IR 70
IR 70 WB
IR 70 EB
EX 30" STM
163
Ex R/W
Ex LA-R/W
Ex U
MATCH LINE STA. 20+00.00, SEE SHEET P.0403

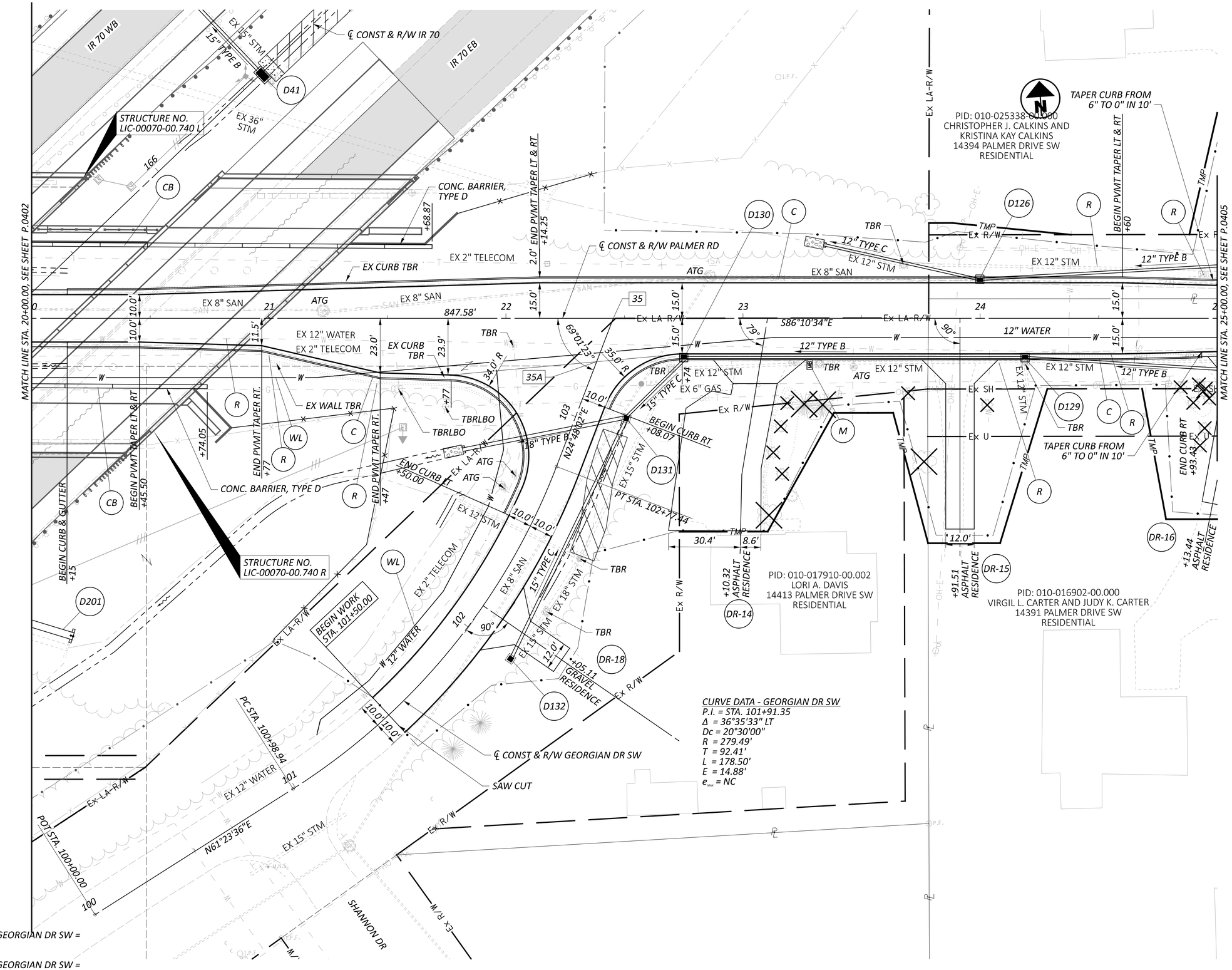
PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES
14675 PALMER ROAD SW
RESIDENTIAL

34 STA. 19+88.66, ℄ CONST & R/W PALMER RD = STA. 165+10.33, ℄ CONST & R/W IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0402
TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS



CURVE DATA - GEORGIAN DR SW
P.I. = STA. 101+91.35
Δ = 36°35'33" LT
Dc = 20°30'00"
R = 279.49'
T = 92.41'
L = 178.50'
E = 14.88'
e_{max} = NC

35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR SW = STA. 22+45.49, ℄ R/W PALMER RD

35A STA. 103+24.88, ℄ CONST & R/W GEORGIAN DR SW = STA. 22+38.28, ℄ R/W PALMER RD

HORIZONTAL SCALE IN FEET 0 10 20 40

PLAN SHEET - PALMER RD
STA. 20+00.00 TO STA. 25+00.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET P.0403 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:23:14 PM USER: brieder
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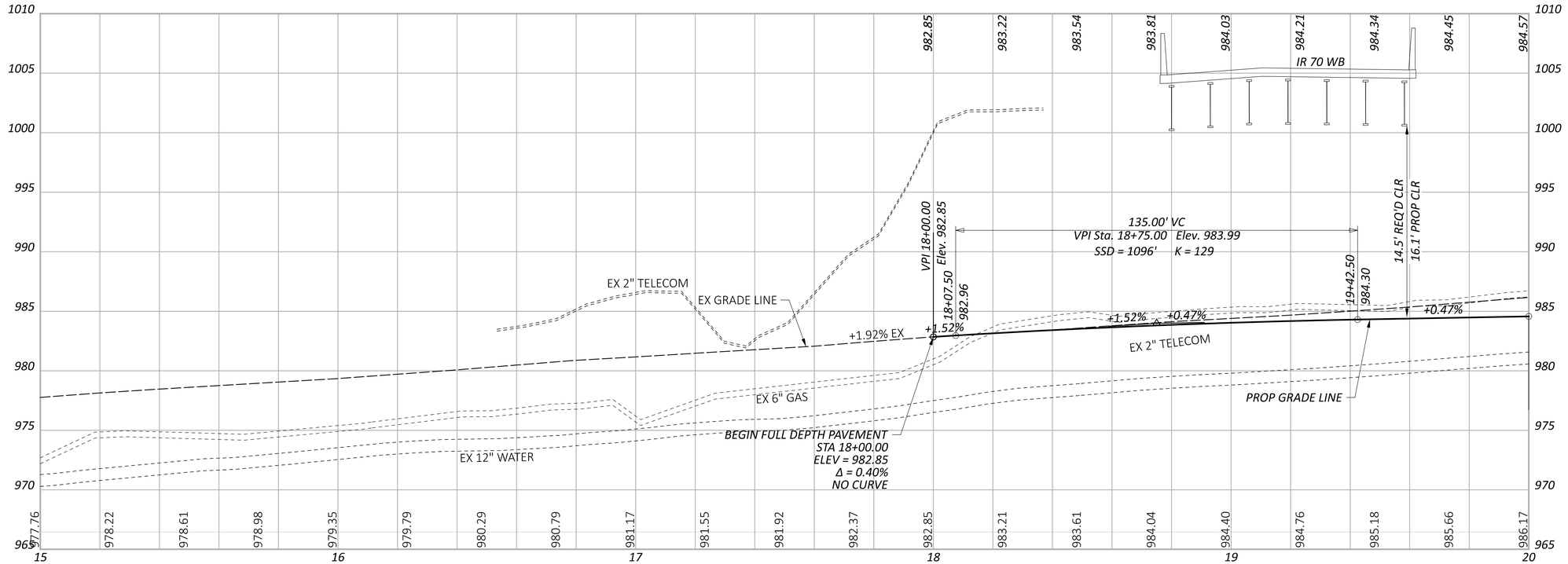

PROFILE - PALMER RD
STA. 15+00.00 TO STA. 25+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0404
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 6:59:13 AM USER: brieder
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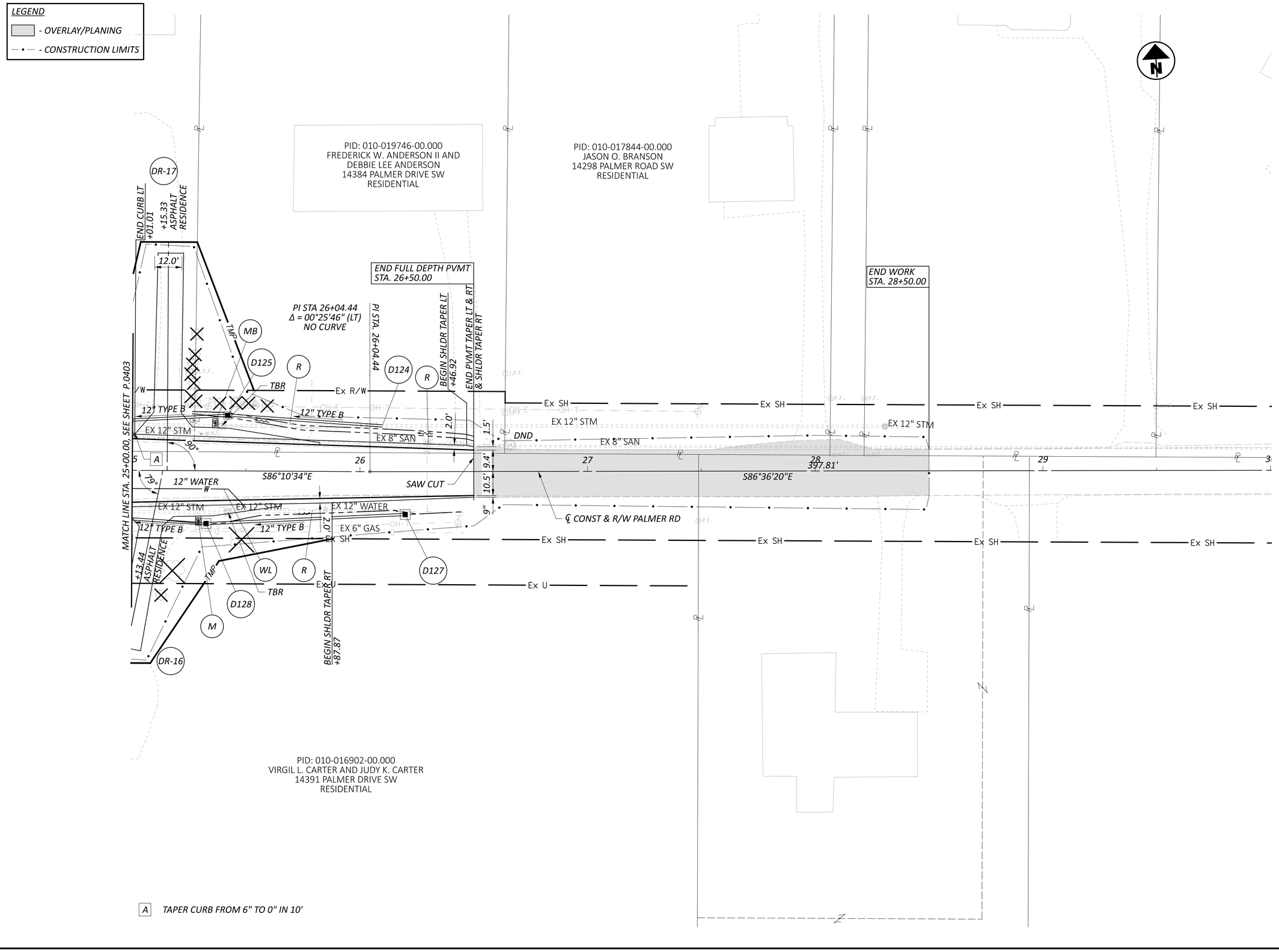

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:23:44 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i01-Engineering_StructurePoint\Roadway\Sheets\96808_GP463.dgn

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0405
TOTAL	P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:24:07 PM USER: brieder
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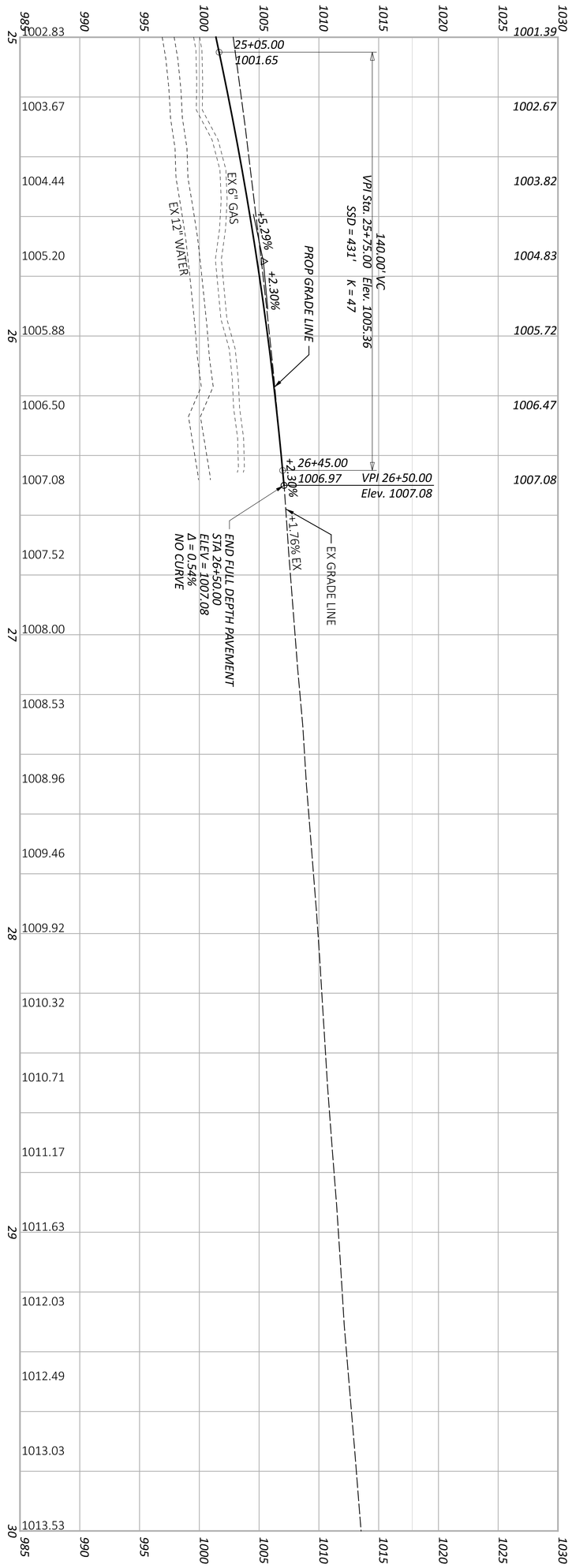
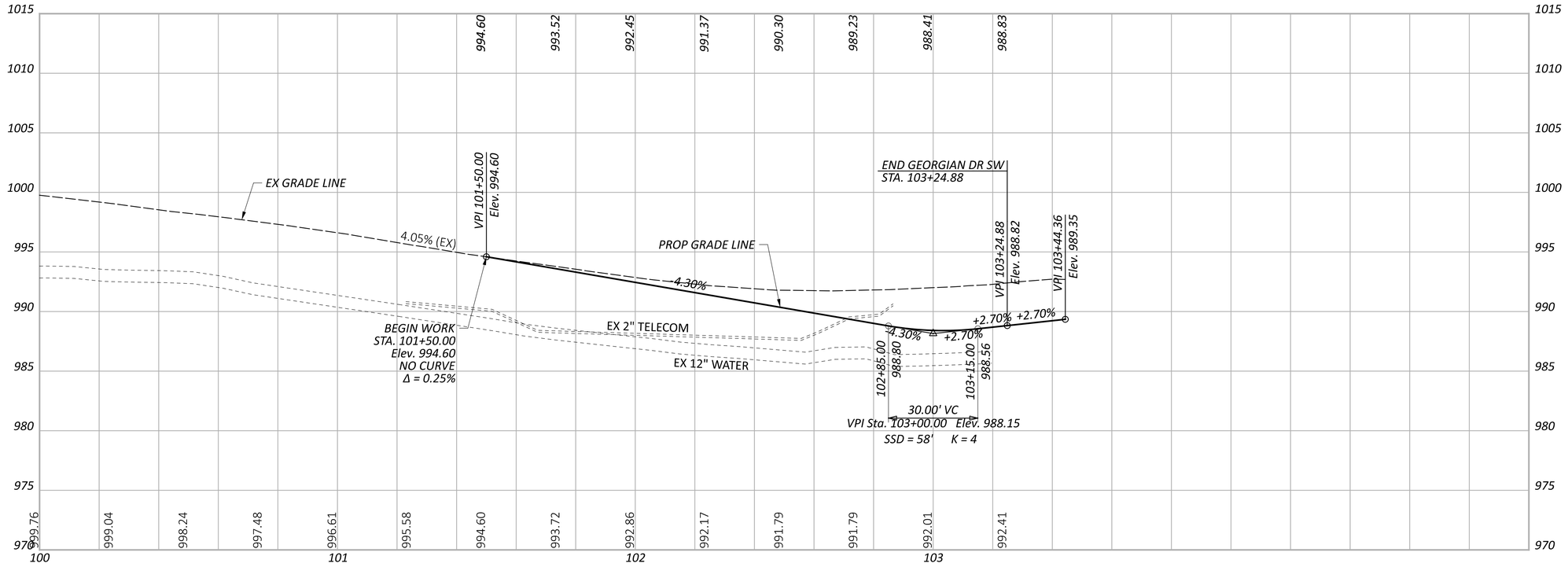


PROFILE - PALMER RD
STA. 25+00.00 TO STA. 30+00.00

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 0406	P 2024	96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.



PROFILE SHEET - GEORGIAN DR
STA. 100+00.00 TO STA. 103+45.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:24:20 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GF464.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM MM-DD-YY

PROJECT ID
96808

SHEET P.0407 TOTAL P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS

CURVE DATA
P.I. = STA. 1+68.89
Δ = 15°56'32" RT
Dc = 38°00'00"
R = 150.78'
T = 21.11'
L = 41.95'
E = 1.47'

CURVE DATA
P.I. = STA. 2+03.03
Δ = 10°04'51" LT
Dc = 38°00'00"
R = 150.78'
T = 13.30'
L = 26.53'
E = 0.59'

CURVE DATA
P.I. = STA. 4+92.21
Δ = 82°49'09" LT
Dc = 138°00'00"
R = 41.52'
T = 36.62'
L = 60.01'
E = 13.84'

CURVE DATA
P.I. = STA. 5+24.28
Δ = 23°36'38" RT
Dc = 138°00'00"
R = 41.52'
T = 8.68'
L = 17.11'
E = .9'

CURVE DATA
P.I. = STA. 5+76.54
Δ = 14°49'07" RT
Dc = 17°00'00"
R = 337.03'
T = 43.83'
L = 87.17'
E = 2.84'

1 BEGIN PAVEMENT TAPER STA. 2+05.00, 6.00' RT.

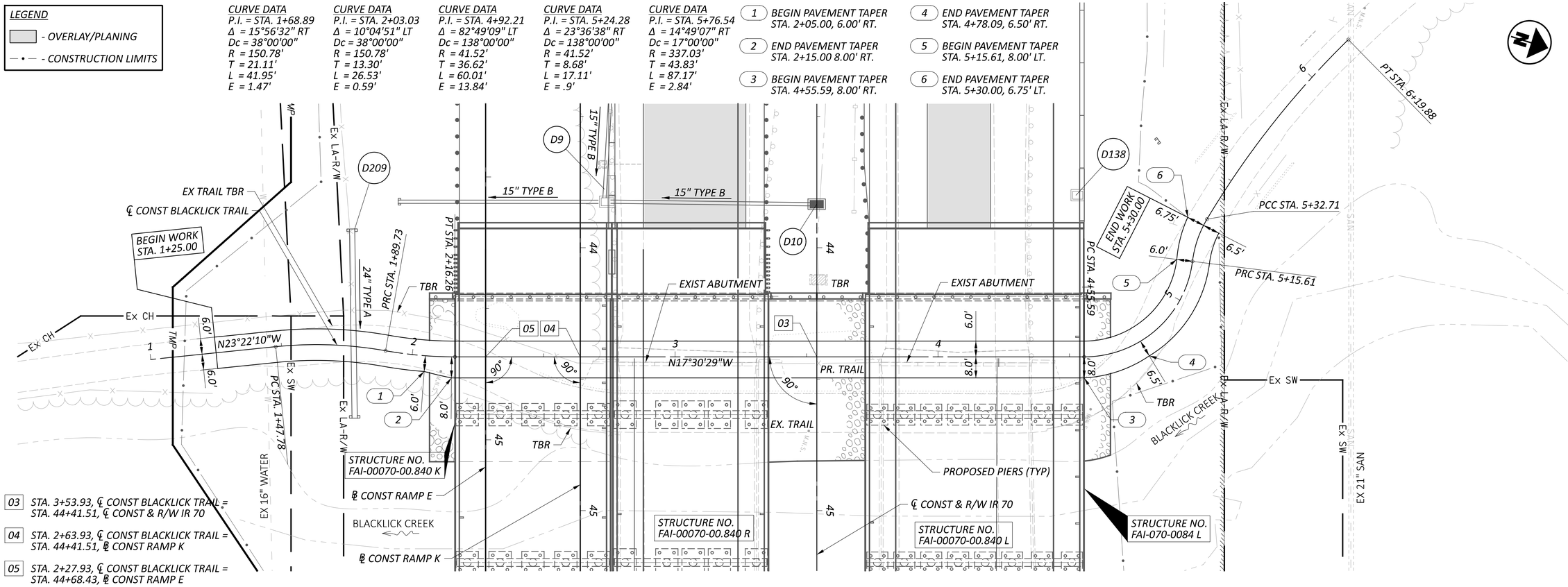
2 END PAVEMENT TAPER STA. 2+15.00 8.00' RT.

3 BEGIN PAVEMENT TAPER STA. 4+55.59, 8.00' RT.

4 END PAVEMENT TAPER STA. 4+78.09, 6.50' RT.

5 BEGIN PAVEMENT TAPER STA. 5+15.61, 8.00' LT.

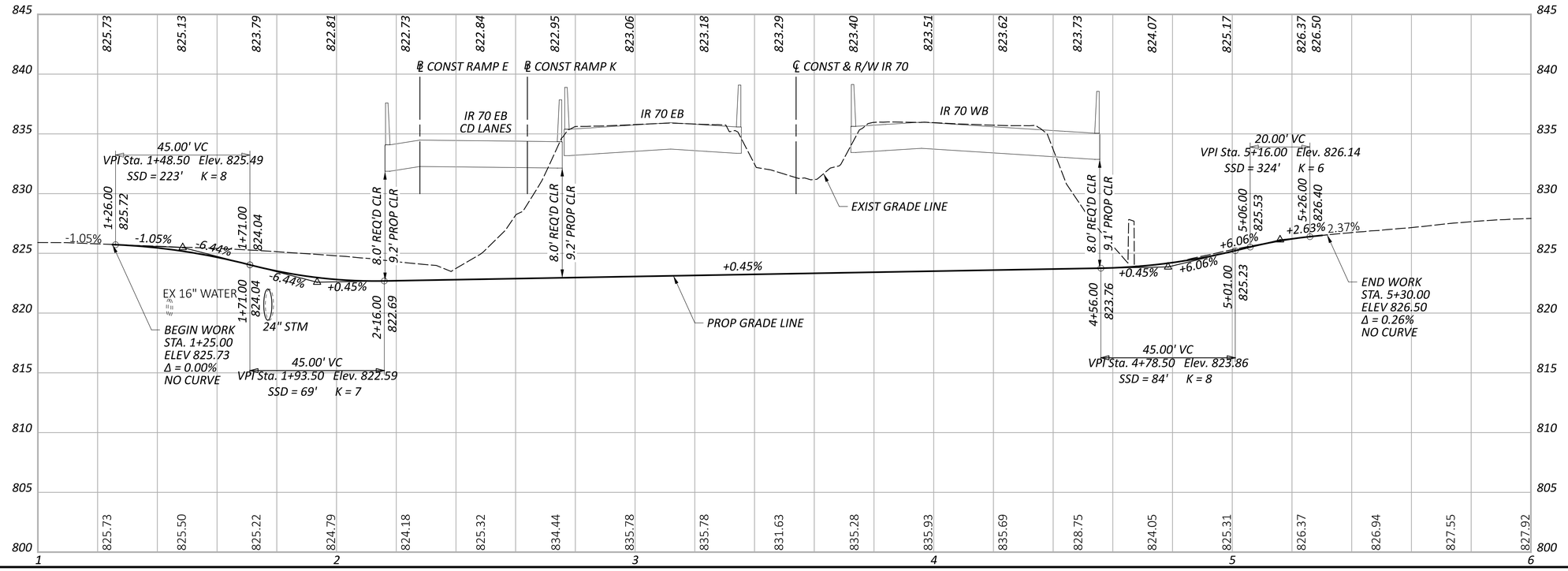
6 END PAVEMENT TAPER STA. 5+30.00, 6.75' LT.



03 STA. 3+53.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST & R/W IR 70

04 STA. 2+63.93, ℄ CONST BLACKLICK TRAIL = STA. 44+41.51, ℄ CONST RAMP K

05 STA. 2+27.93, ℄ CONST BLACKLICK TRAIL = STA. 44+68.43, ℄ CONST RAMP E



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - BLACKLICK TRAIL STA. 1+00.00 TO STA. 6+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER AJO
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0408 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 1:24:31 PM USER: brieder
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CROSS SECTIONS - IR 70 WB
STA. 604+00.00 TO STA. 605+00.00

FAI/LIC-IR 70-0.00/0.01

MODEL: CLP_IR70_EXTW - 604+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:47:41 AM USER: brieder
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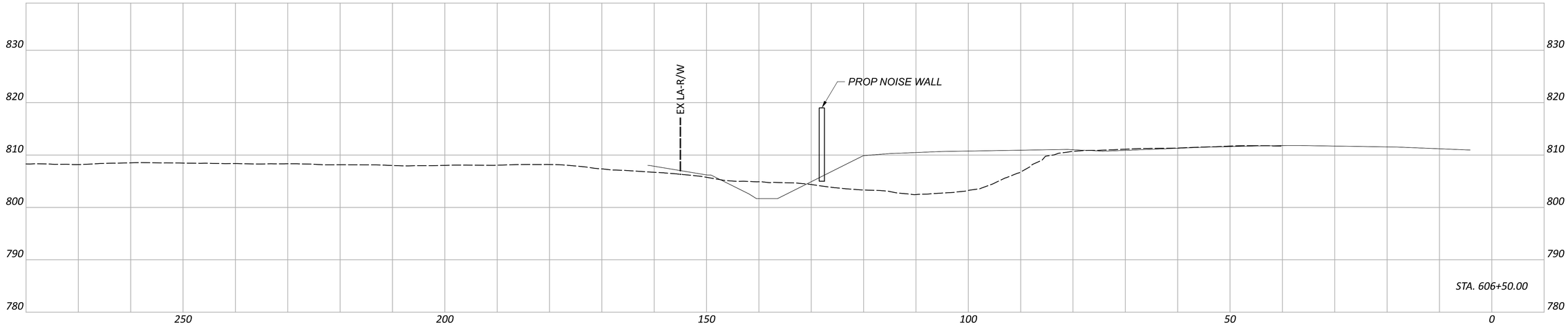
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

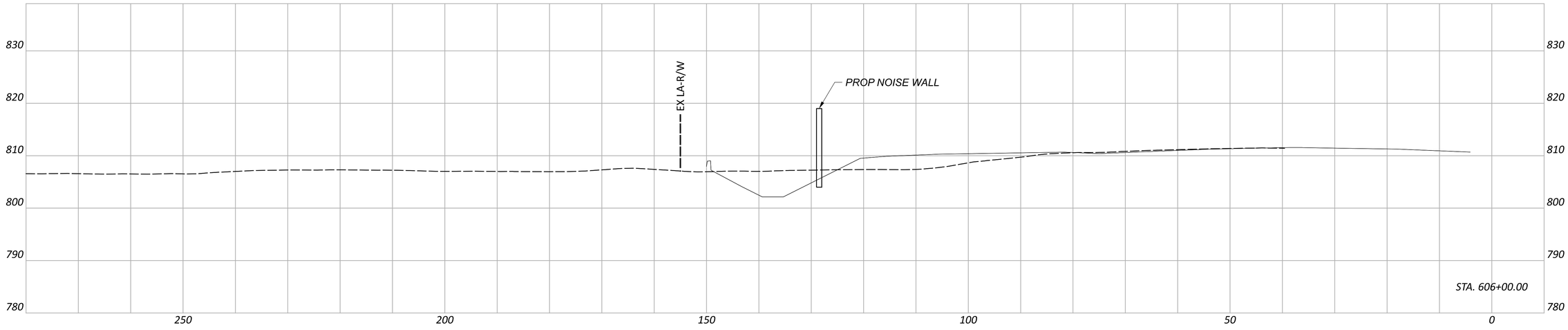
DESIGNER
BER

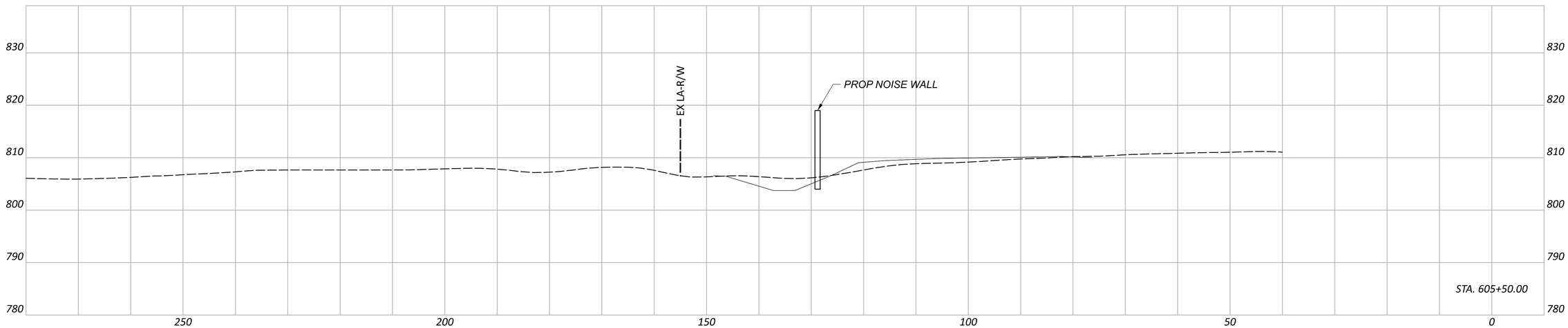
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0409 TOTAL P.2024







CROSS SECTIONS - IR 70 WB
STA. 605+50.00 TO STA. 606+50.00

FAI/LIC-IR 70-0.00/0.02

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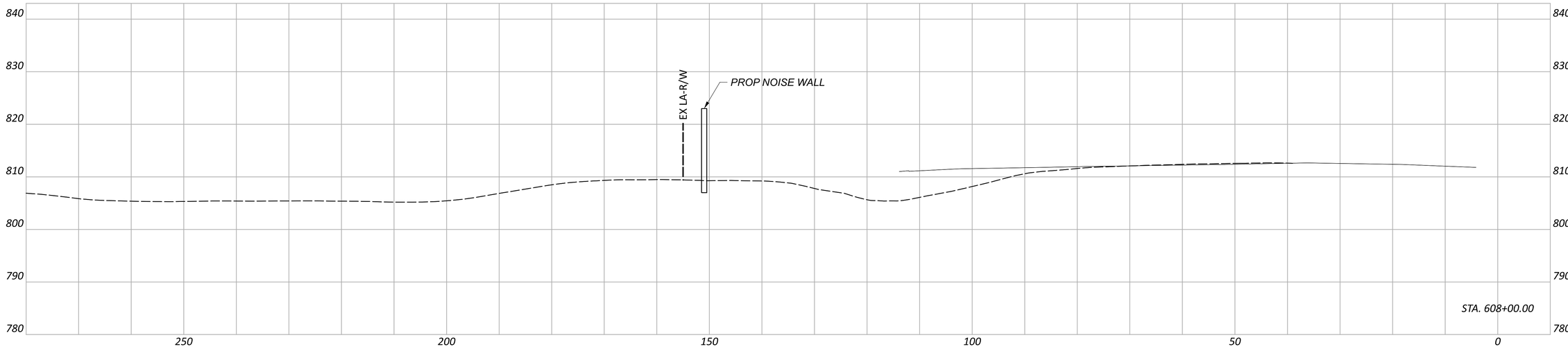
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

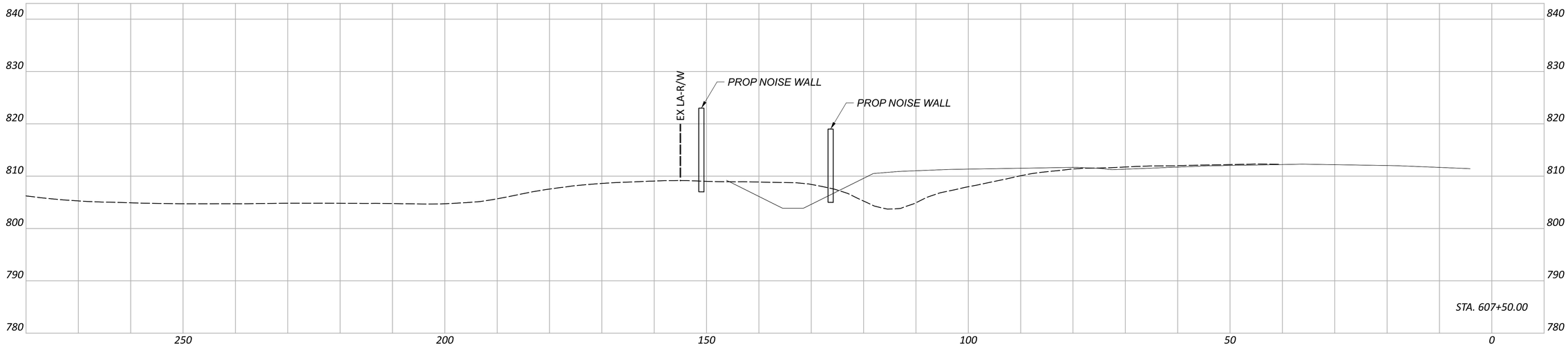
DESIGNER
BER

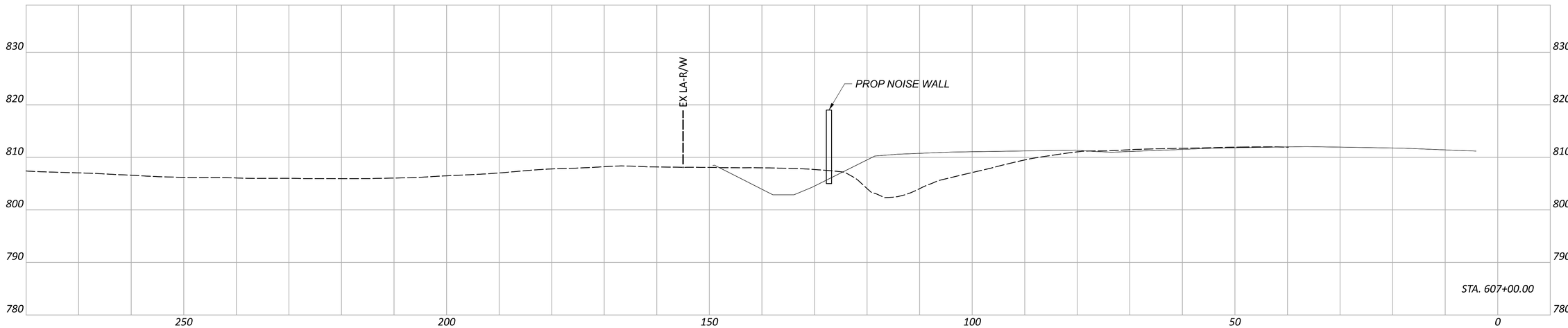
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0410 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.03

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CROSS SECTIONS - IR 70 WB
STA. 607+00.00 TO STA. 608+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0411 TOTAL P.2024

CROSS SECTIONS - IR 70 WB
STA. 608+50.00 TO STA. 609+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0412 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.04

MODEL: CLP_IR70_EXTW - 608+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:07 AM USER: brieder
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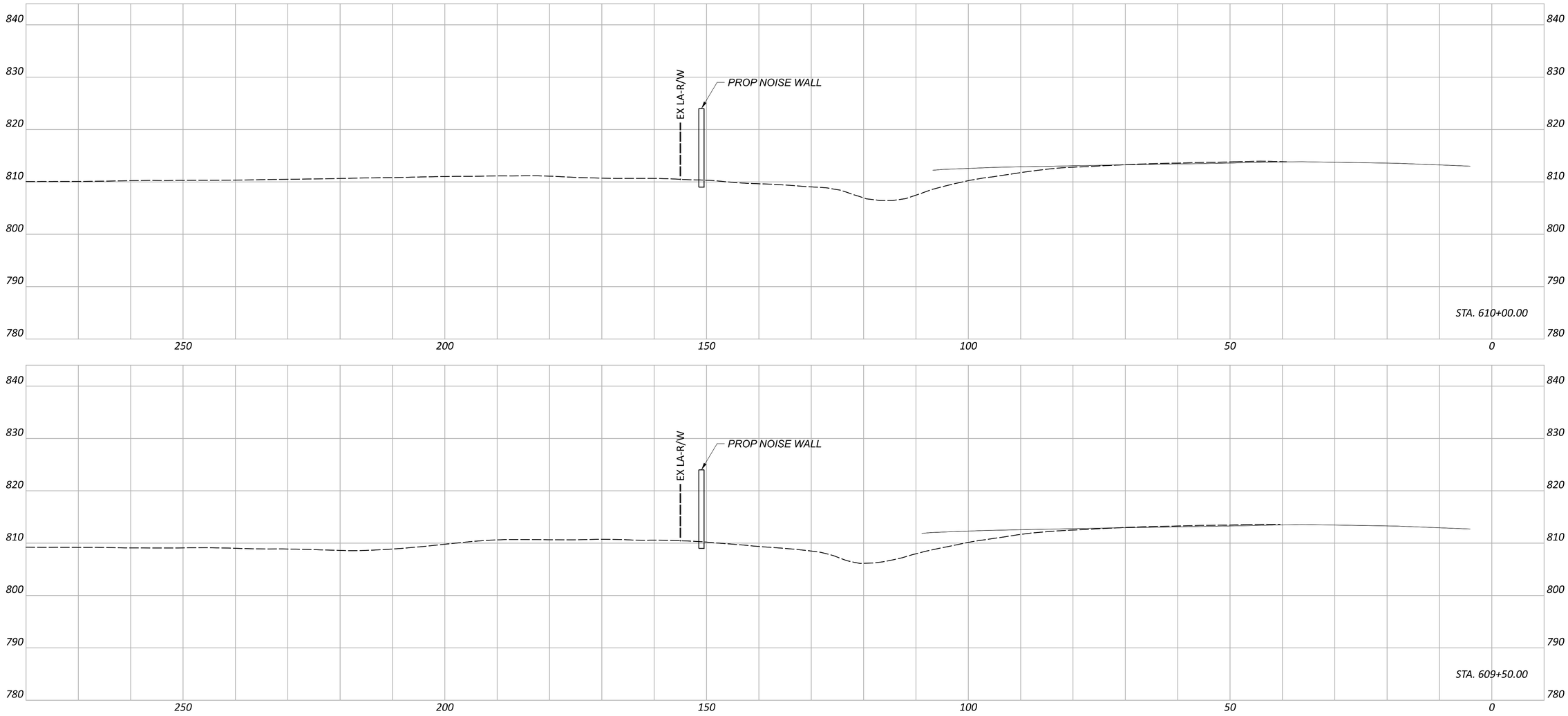

FAI/LIC-IR 70-0.00/0.05

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CROSS SECTIONS - IR 70 WB
STA. 609+50.00 TO STA. 610+00.00

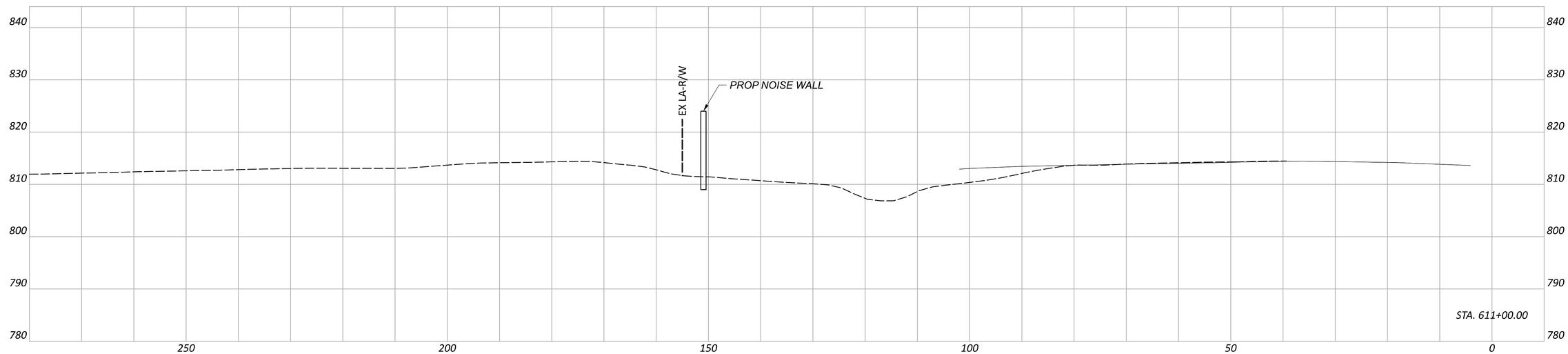
DESIGN AGENCY
STRUCTUREPOINT LLC

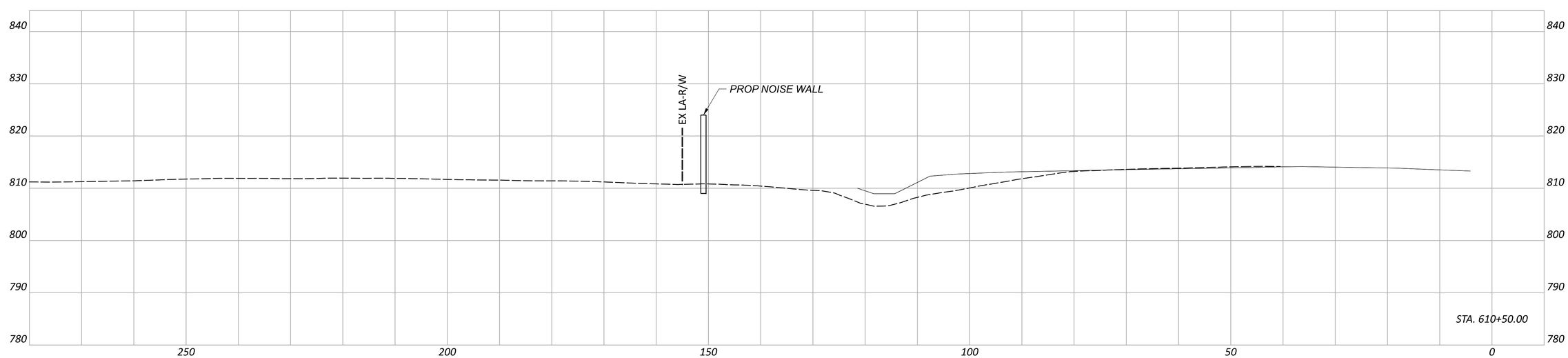
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0413 TOTAL P.2024





CROSS SECTIONS - IR 70 WB
STA. 610+50.00 TO STA. 611+00.00

FAI/LIC-IR 70-0.00/0.06

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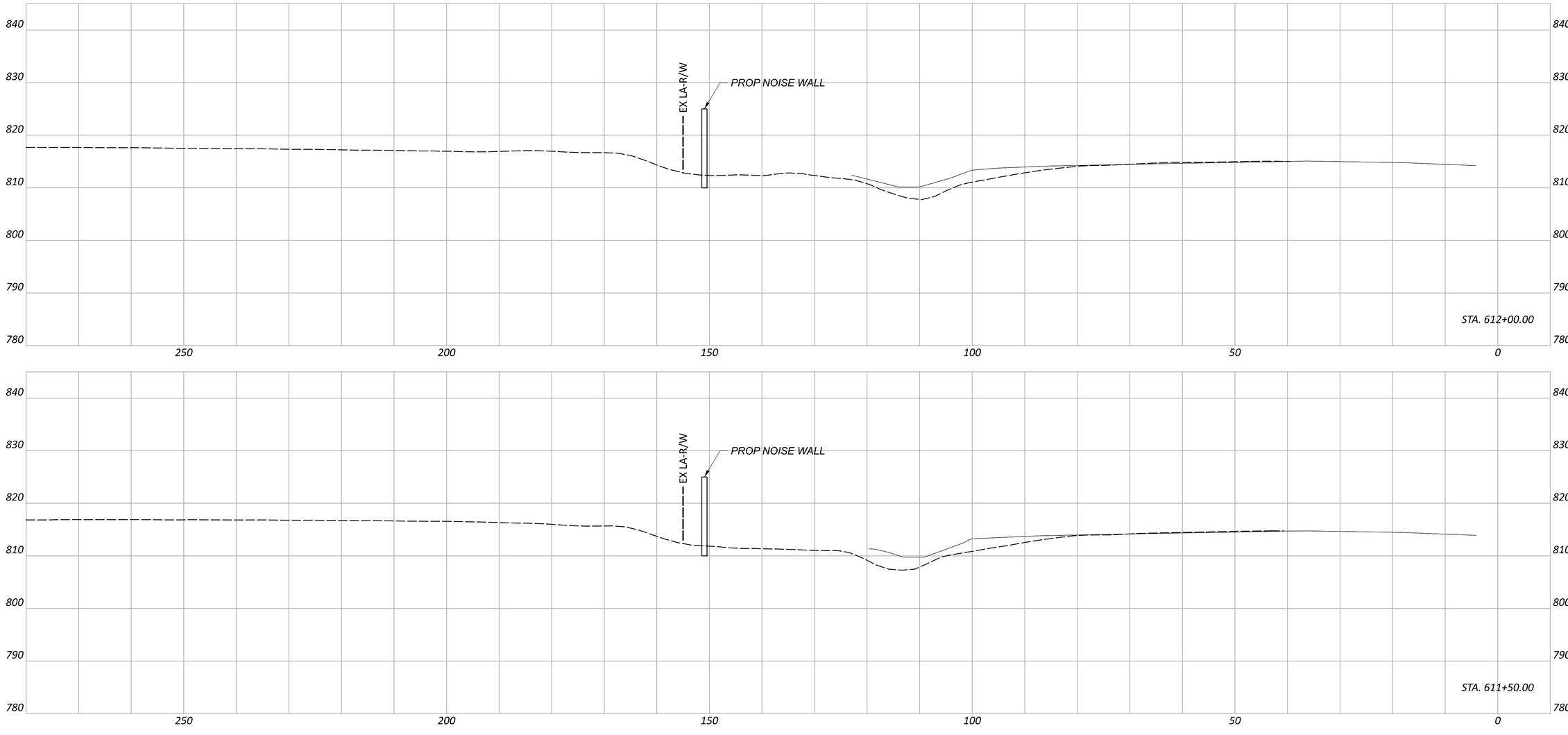
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0414 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.07

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CROSS SECTIONS - IR 70 WB
STA. 611+50.00 TO STA. 612+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0415 TOTAL P.2024

CROSS SECTIONS - IR 70 WB
STA. 612+50.00 TO STA. 613+00.00

FAI/LIC-IR 70-0.00/0.08

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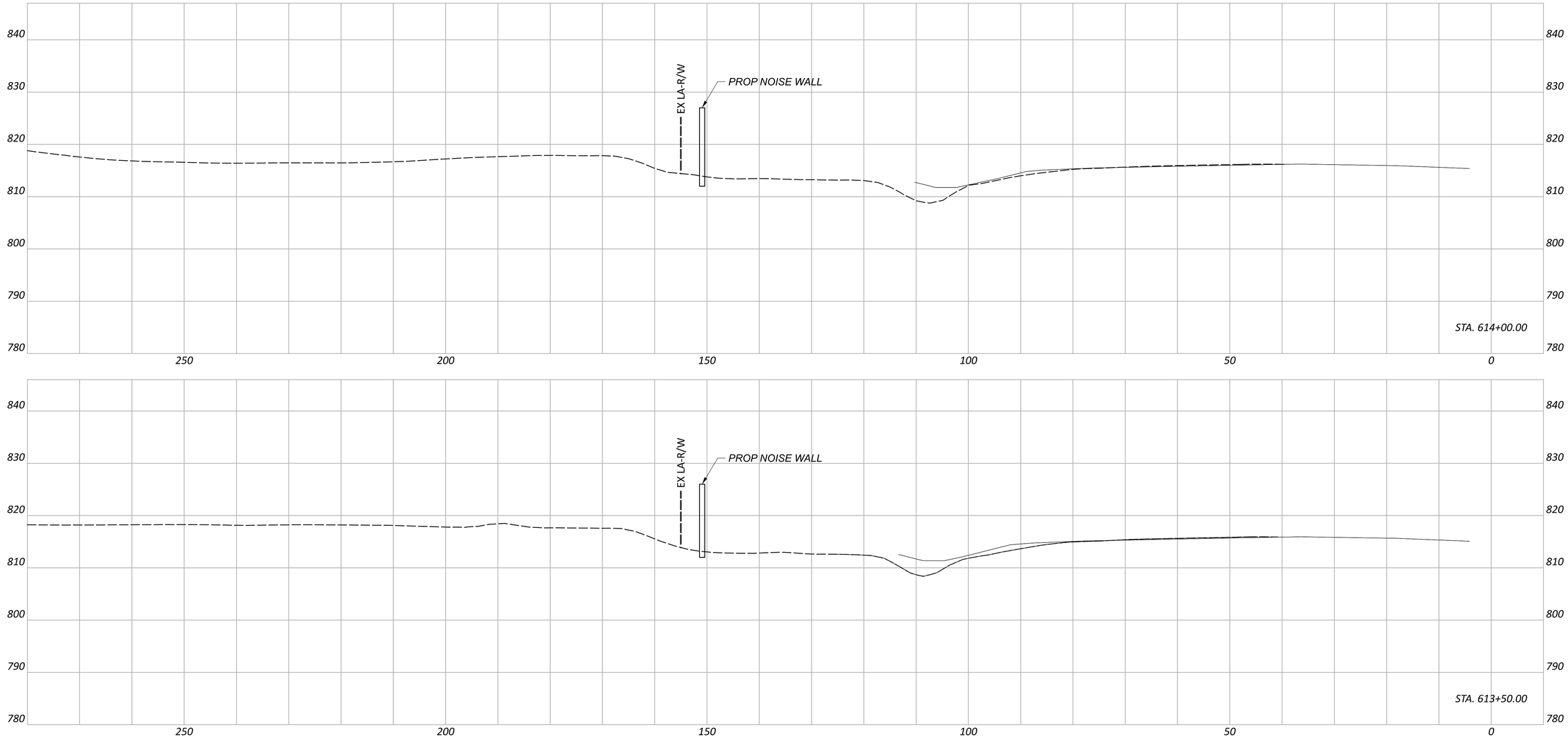
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0416
TOTAL	P.2024



CROSS SECTIONS - IR 70 WB
STA. 613+50.00 TO STA. 614+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0417 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.09

MODEL: CLP_IR70_EXTW - 613+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:21 AM USER: brieder
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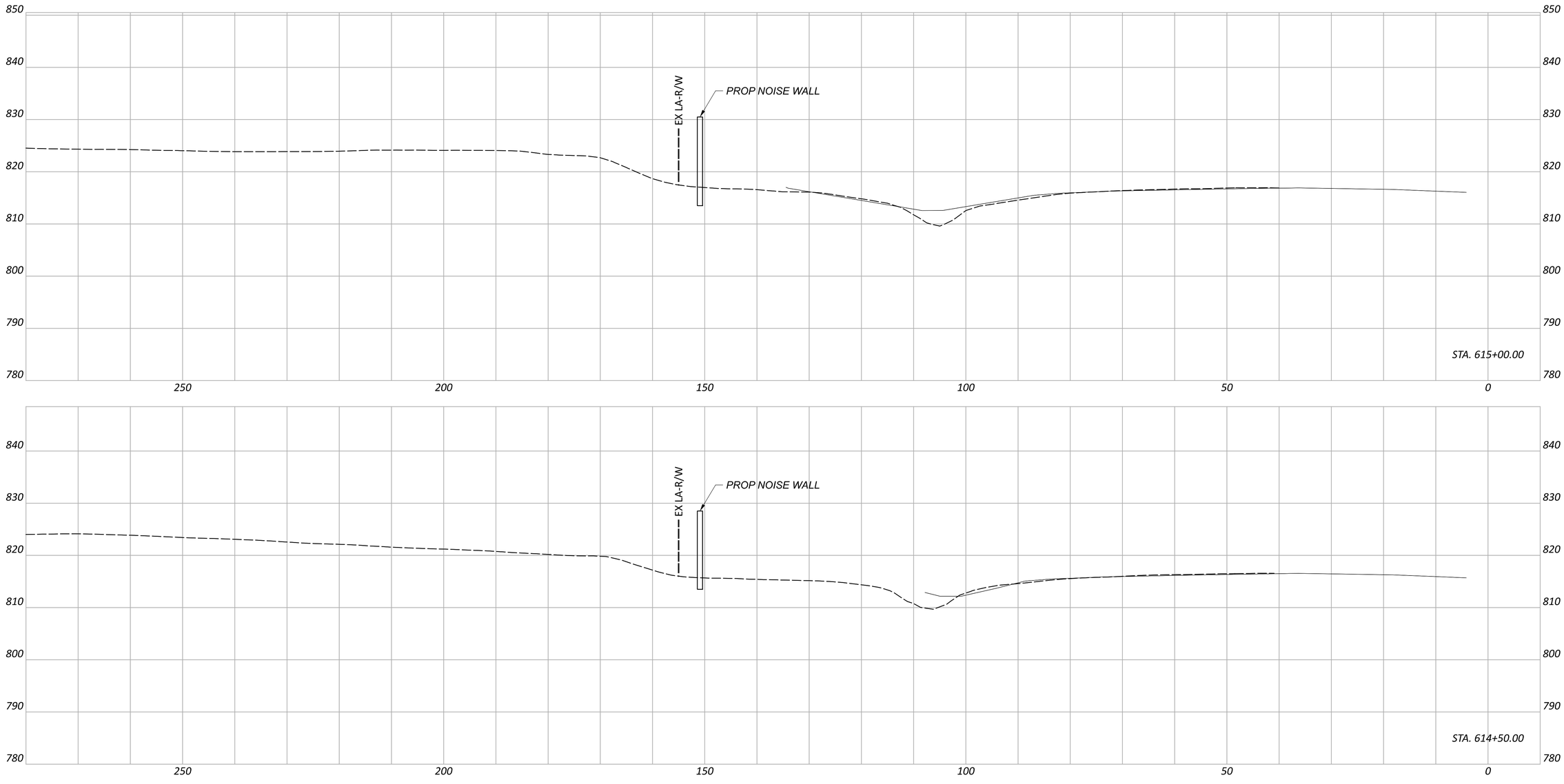

CROSS SECTIONS - IR 70 WB
STA. 614+50.00 TO STA. 615+00.00

FAI/LIC-IR 70-0.00/0.10

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0418 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.11

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CROSS SECTIONS - IR 70 WB
STA. 615+50.00 TO STA. 616+50.00

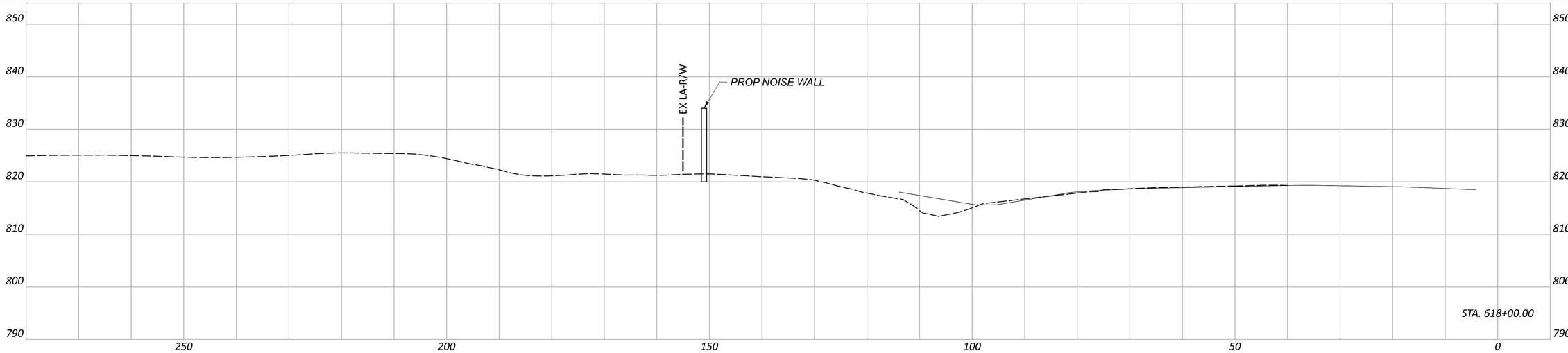
DESIGN AGENCY
STRUCTUREPOINT LLC

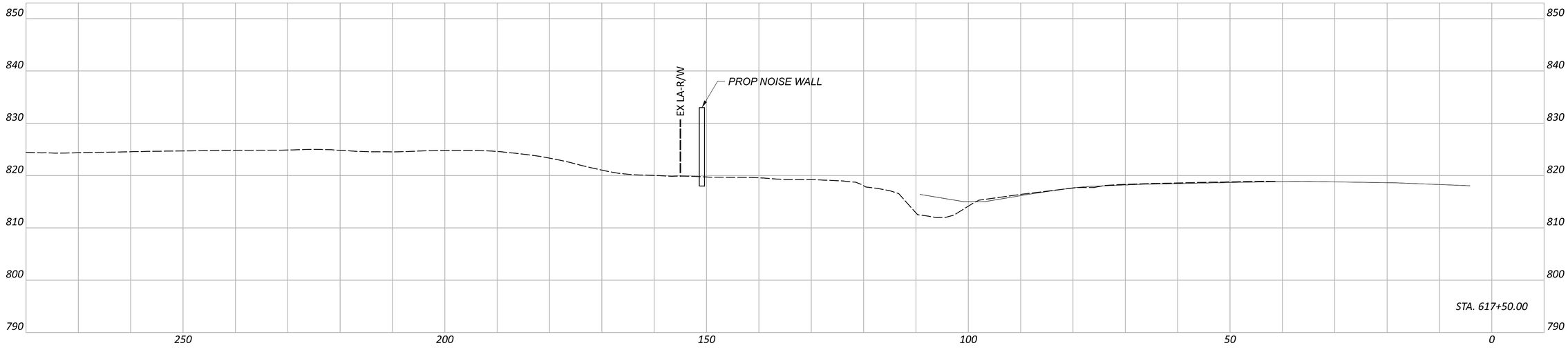
DESIGNER
BER

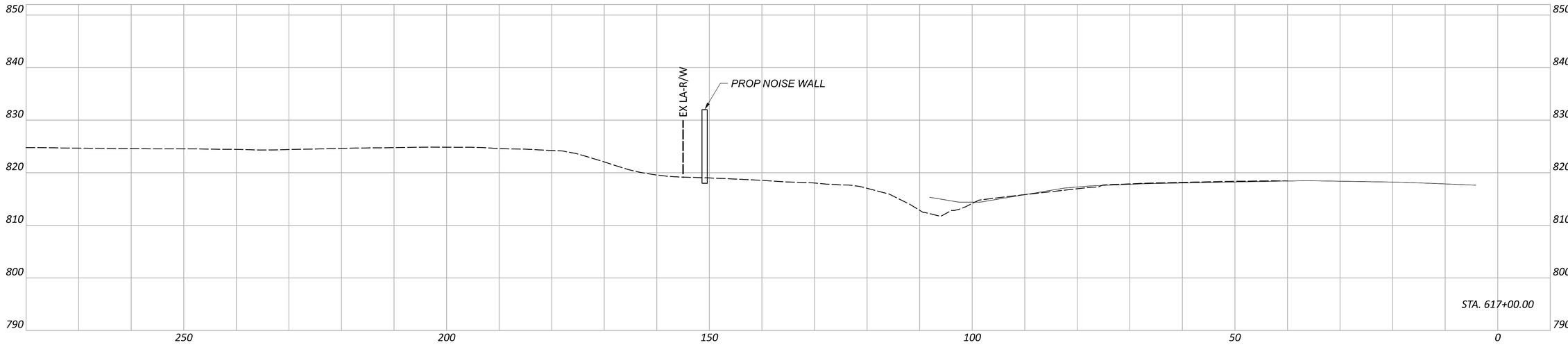
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0419 | TOTAL P.2024







CROSS SECTIONS - IR 70 WB
STA. 617+00.00 TO STA. 618+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0420 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.12

MODEL: CLP_IR70_EXTW - 617+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:31 AM USER: brieder
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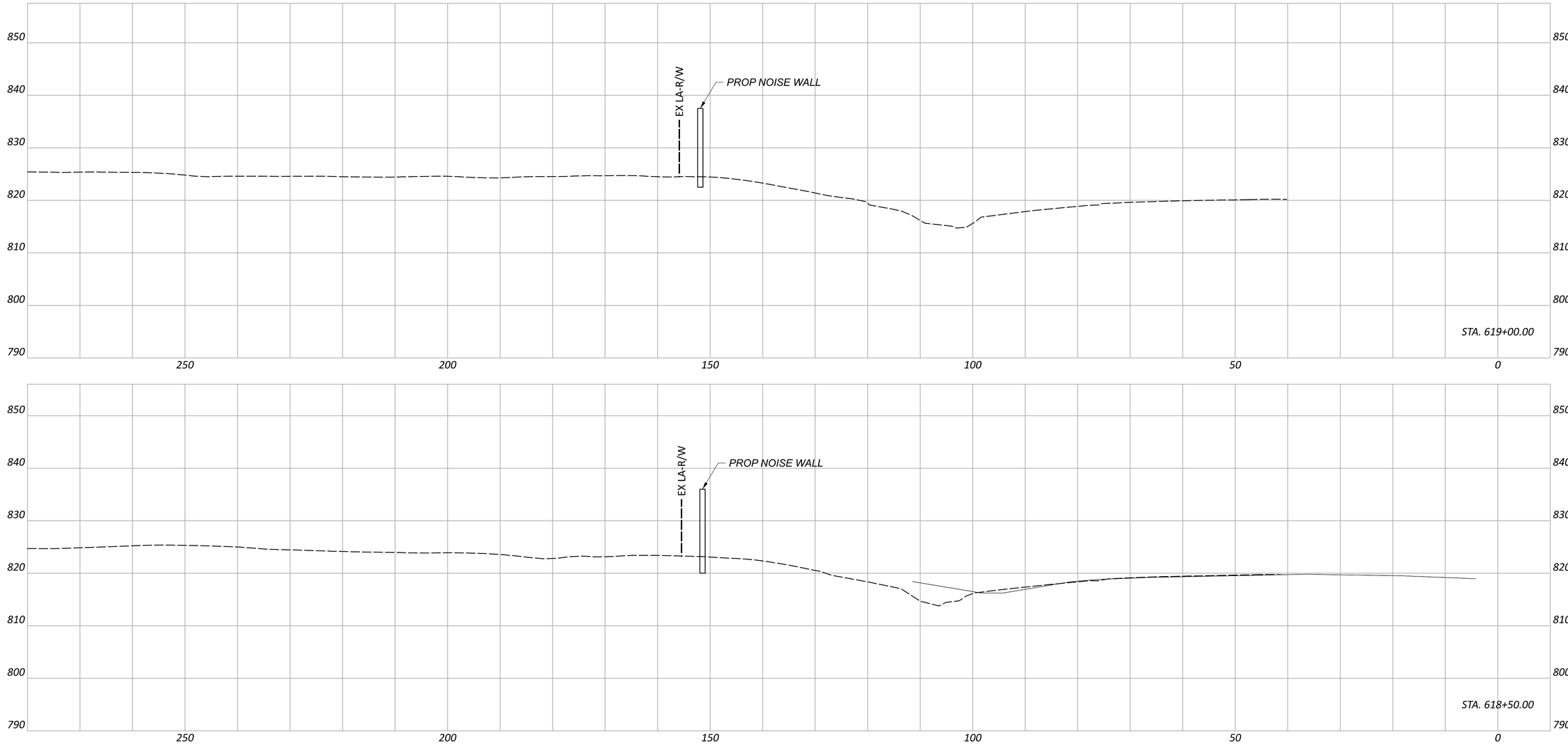

CROSS SECTIONS - IR 70 WB
STA. 618+50.00 TO STA. 619+00.00

FAI/LIC-IR 70-0.00/0.13

MODEL: CLP_IR70_EXTW - 618+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:34 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0421 TOTAL P.2024

MODEL: CLP_IR70_EXTW - 619+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:37 AM USER: brieder
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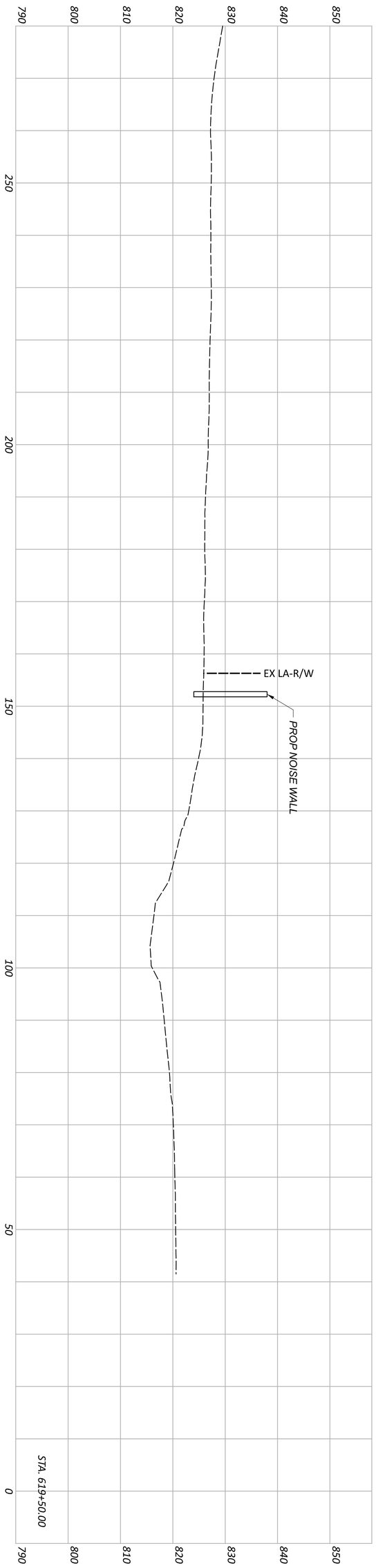

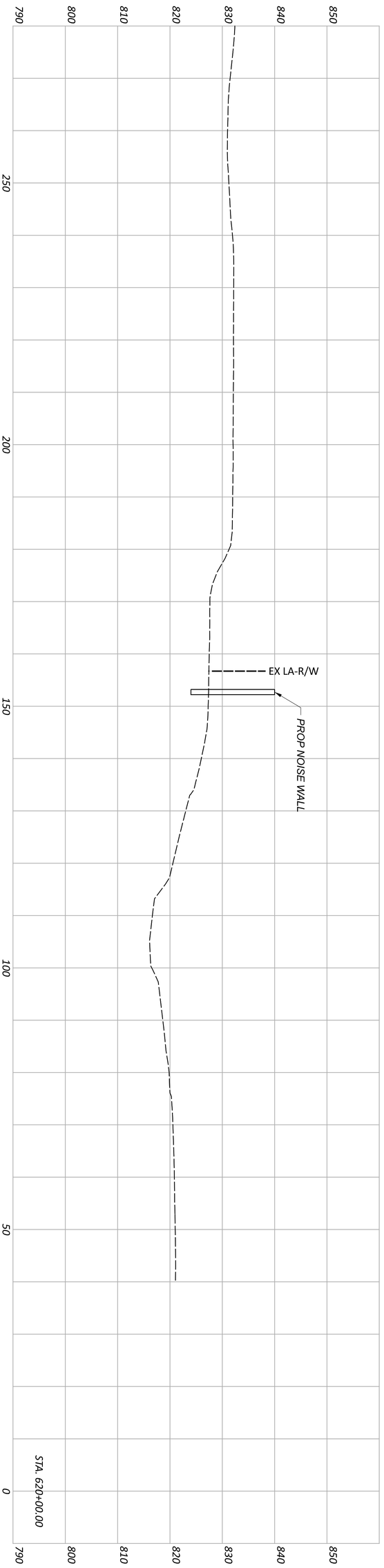

SHEET	TOTAL
P 0422	P 2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 619+50.00 TO STA. 620+00.00

CROSS SECTIONS - IR 70 WB
STA. 620+50.00 TO STA. 621+00.00

FAI/LIC-IR 70-0.00/0.15

MODEL: CLP_IR70_EXTW - 620+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:40 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0423 | TOTAL P.2024

MODEL: CLP_IR70_EXTW - 621+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:44 AM USER: brieder
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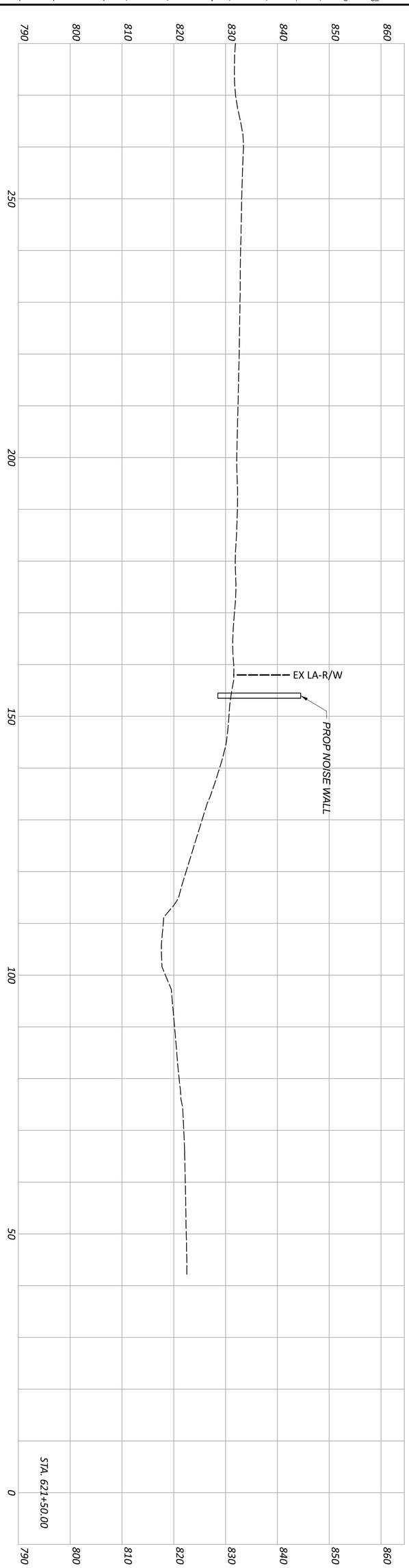
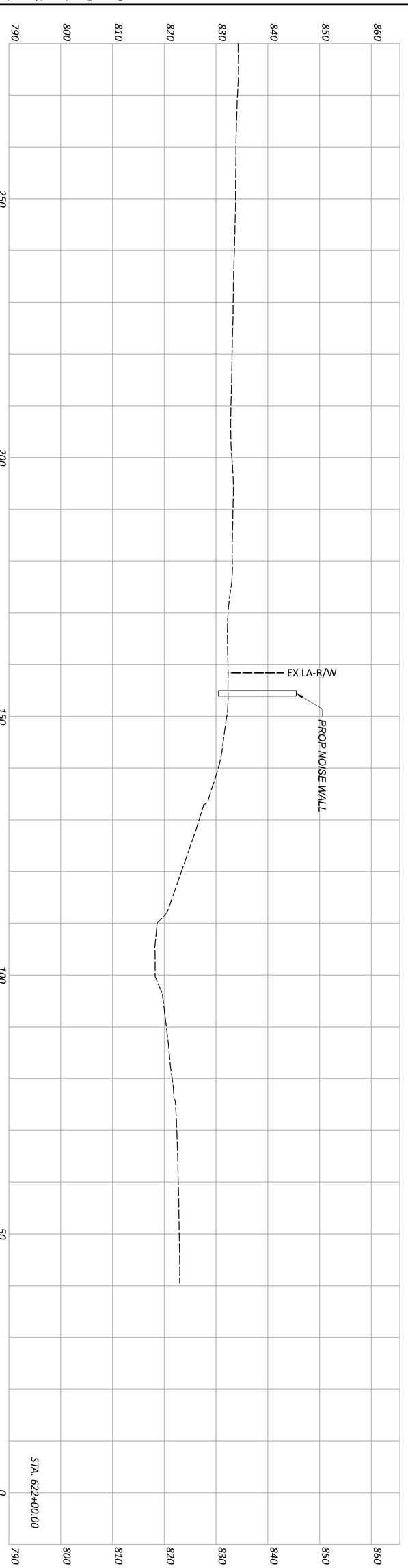
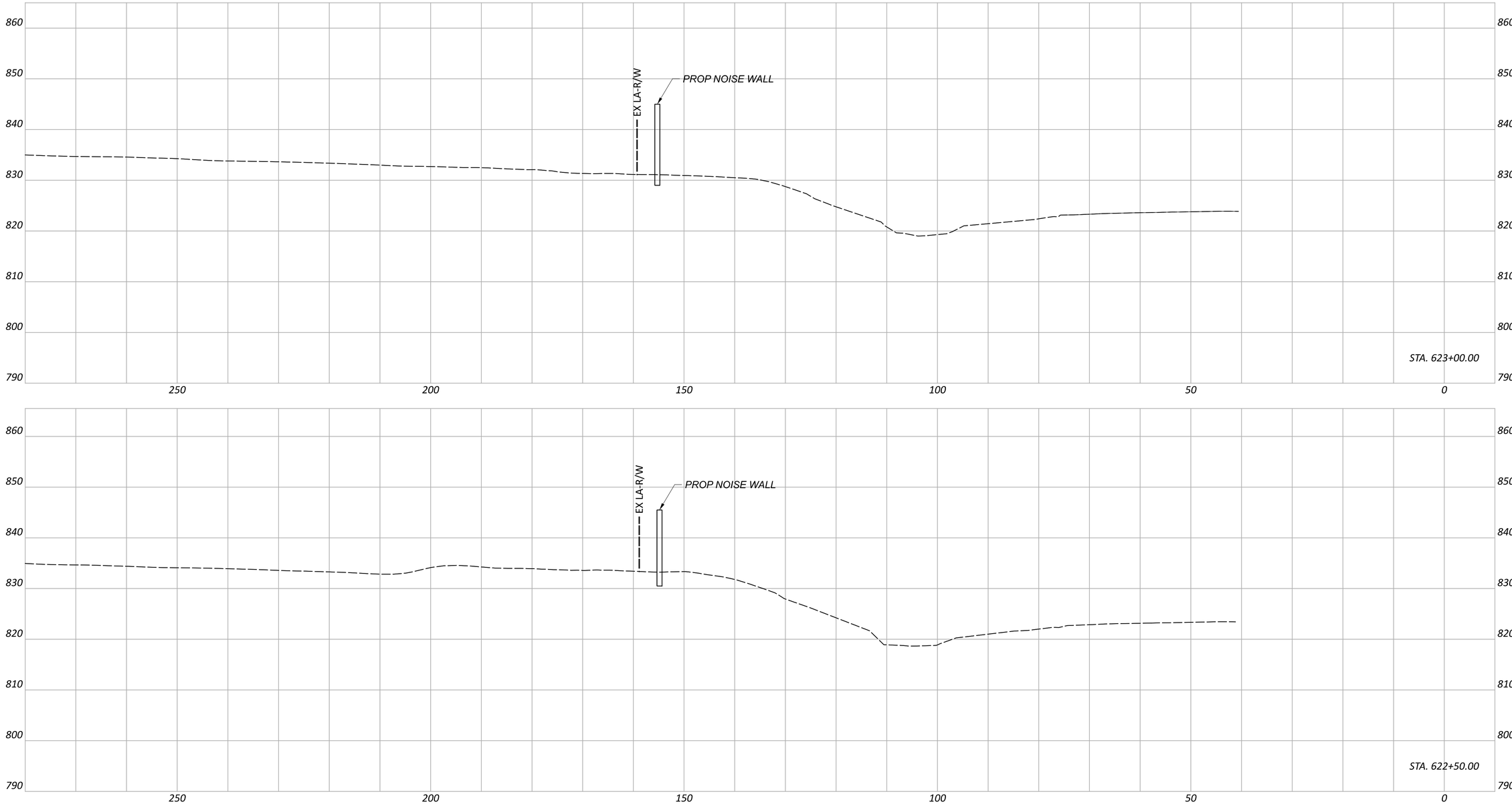




SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 0424	P 2024	96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 621+50.00 TO STA. 622+00.00



CROSS SECTIONS - IR 70 WB
STA. 622+50.00 TO STA. 623+00.00

FAI/LIC-IR 70-0.00/0.17

MODEL: CLP_IR70_EXTW - 622+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:47 AM USER: brieder
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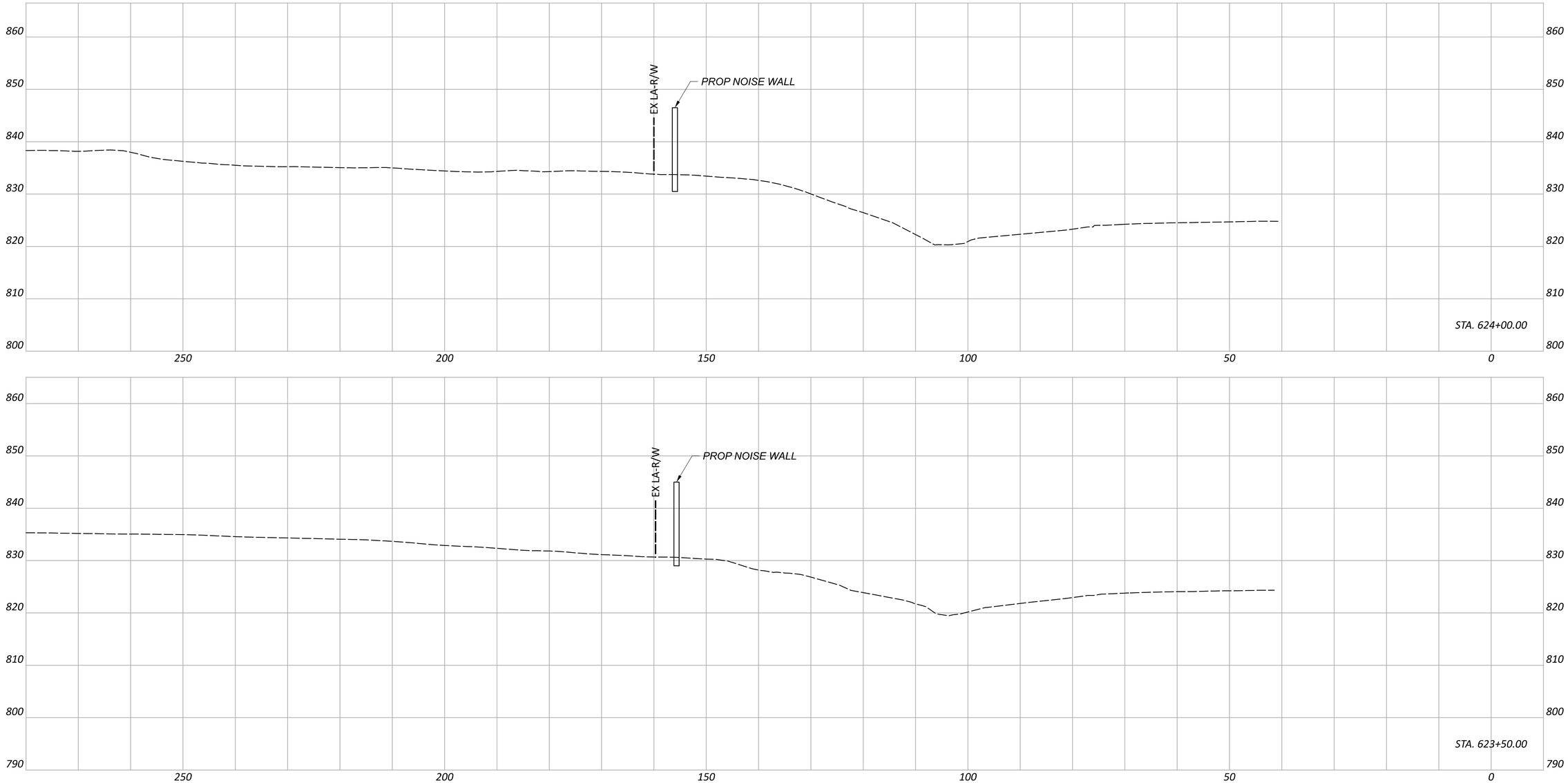
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0425 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.18

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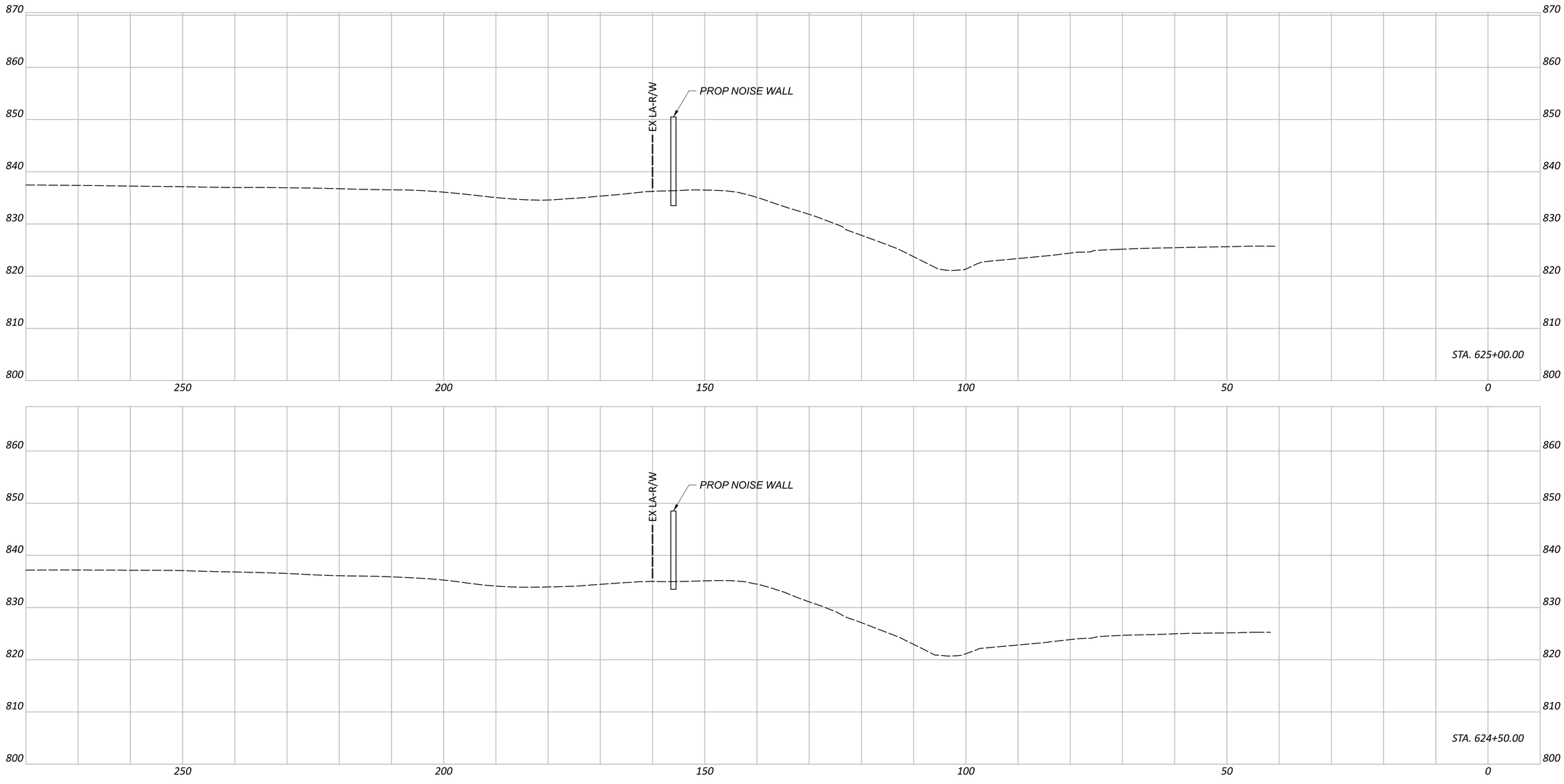
CROSS SECTIONS - IR 70 WB
STA. 623+50.00 TO STA. 624+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0426
TOTAL	P.2024



CROSS SECTIONS - IR 70 WB
STA. 624+50.00 TO STA. 625+00.00

FAI/LIC-IR 70-0.00/0.19

MODEL: CLP_IR70_EXTW - 624+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:48:54 AM USER: brieder
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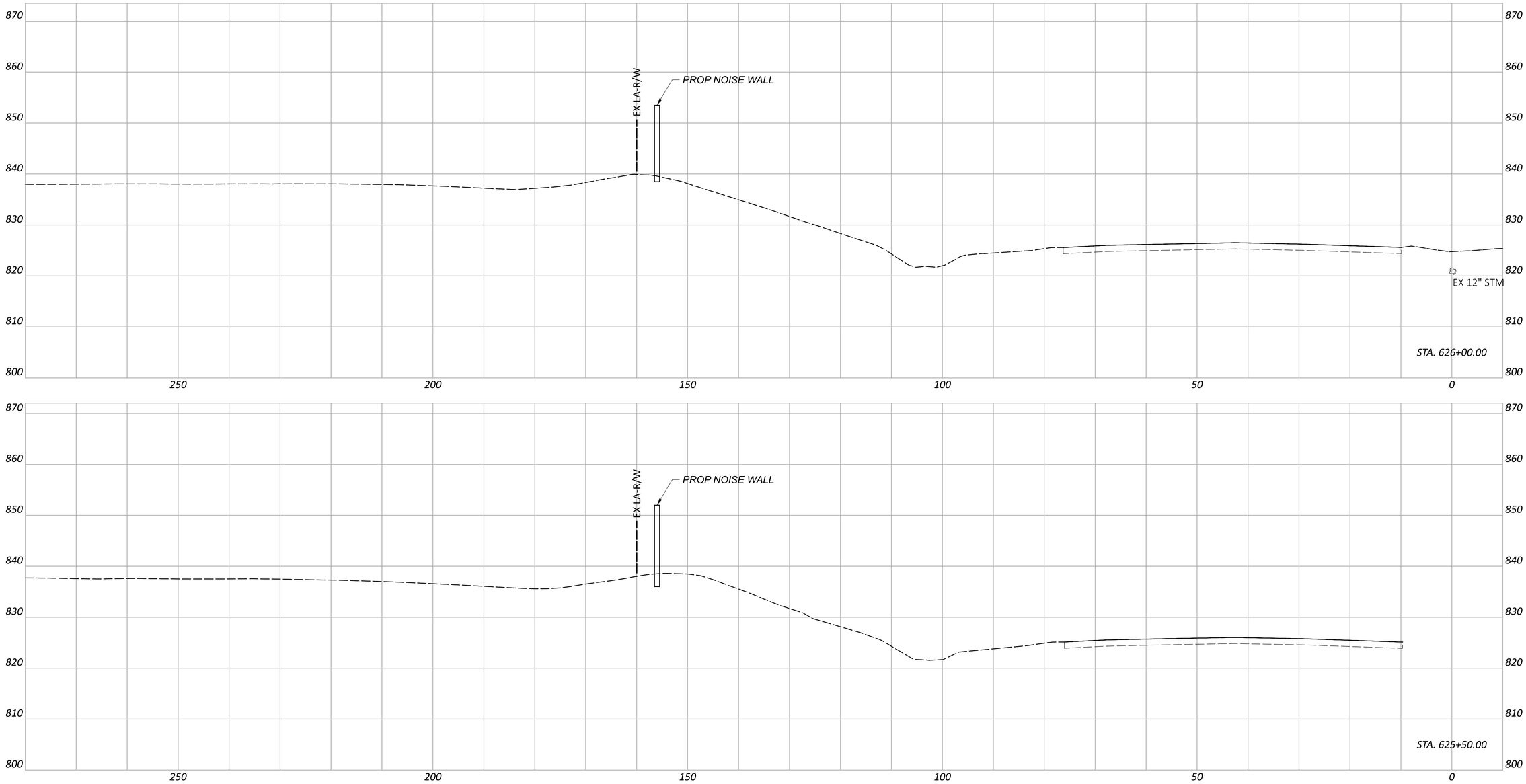
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0427 TOTAL P.2024



CROSS SECTIONS - IR 70 WB
STA. 625+50.00 TO STA. 626+00.00

FAI/LIC-IR 70-0.00/0.20

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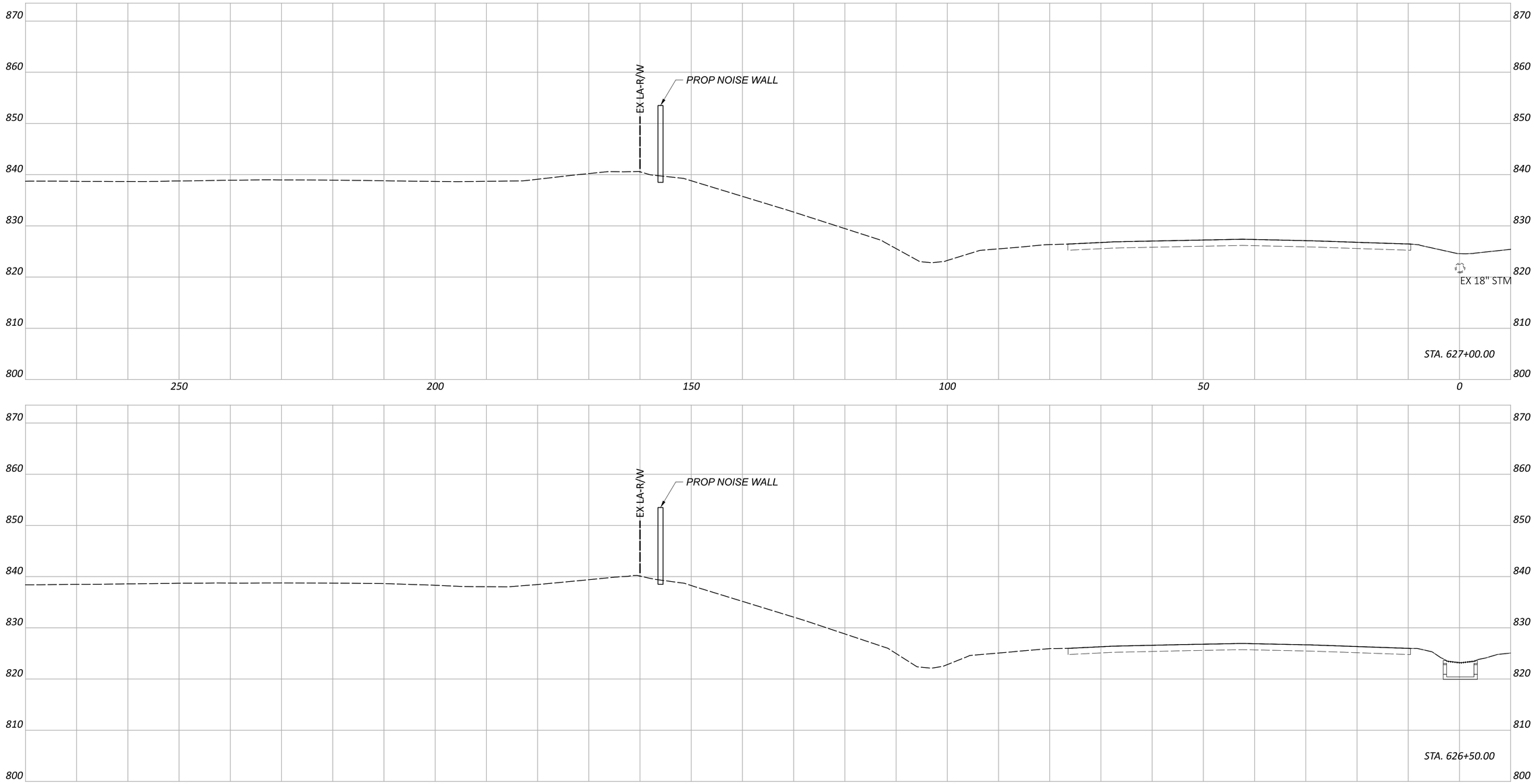
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0428
TOTAL	P.2024



CROSS SECTIONS - IR 70 WB
STA. 626+50.00 TO STA. 627+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0429 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.21

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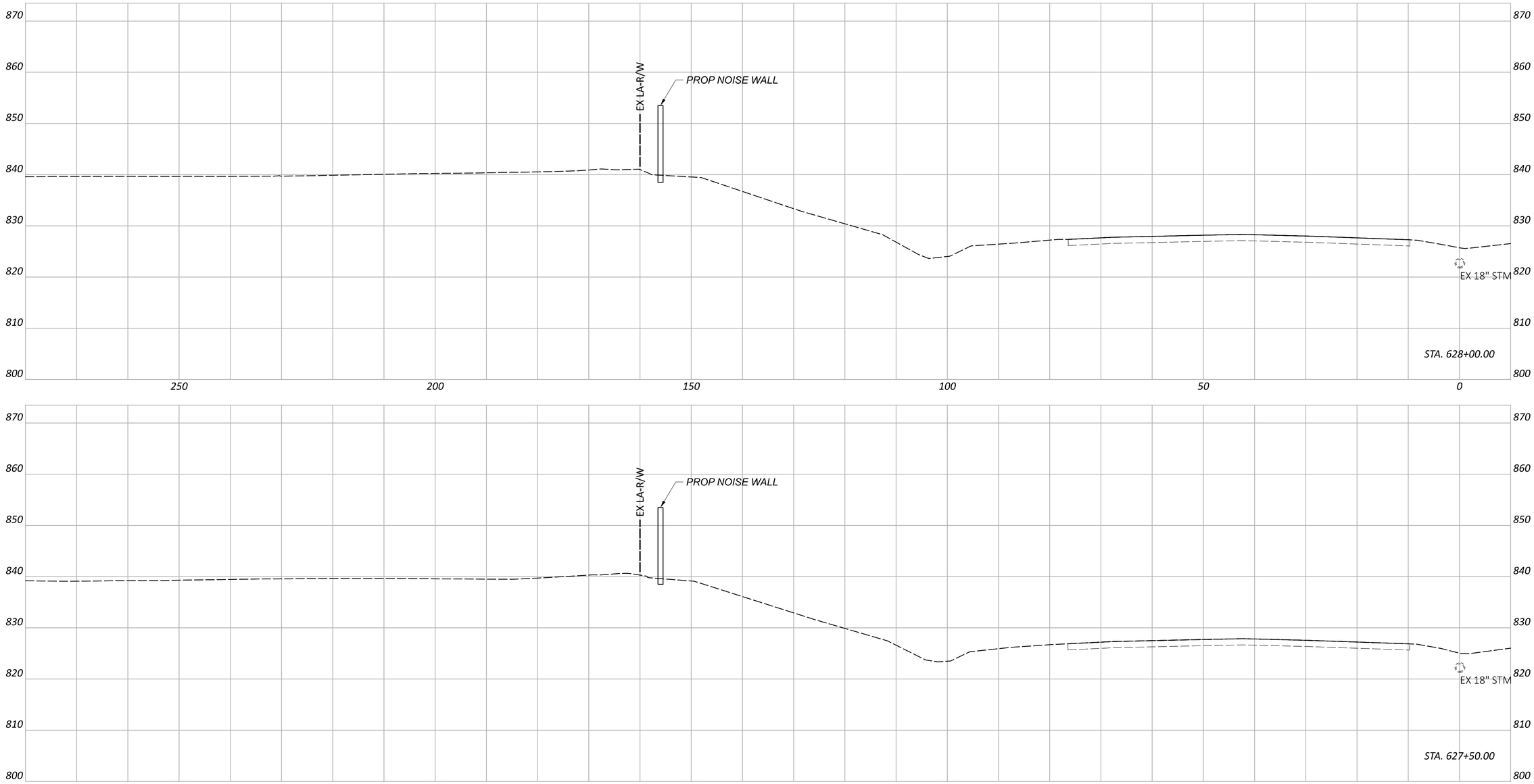

CROSS SECTIONS - IR 70 WB
STA. 627+50.00 TO STA. 628+00.00

FAI/LIC-IR 70-0.00/0.22

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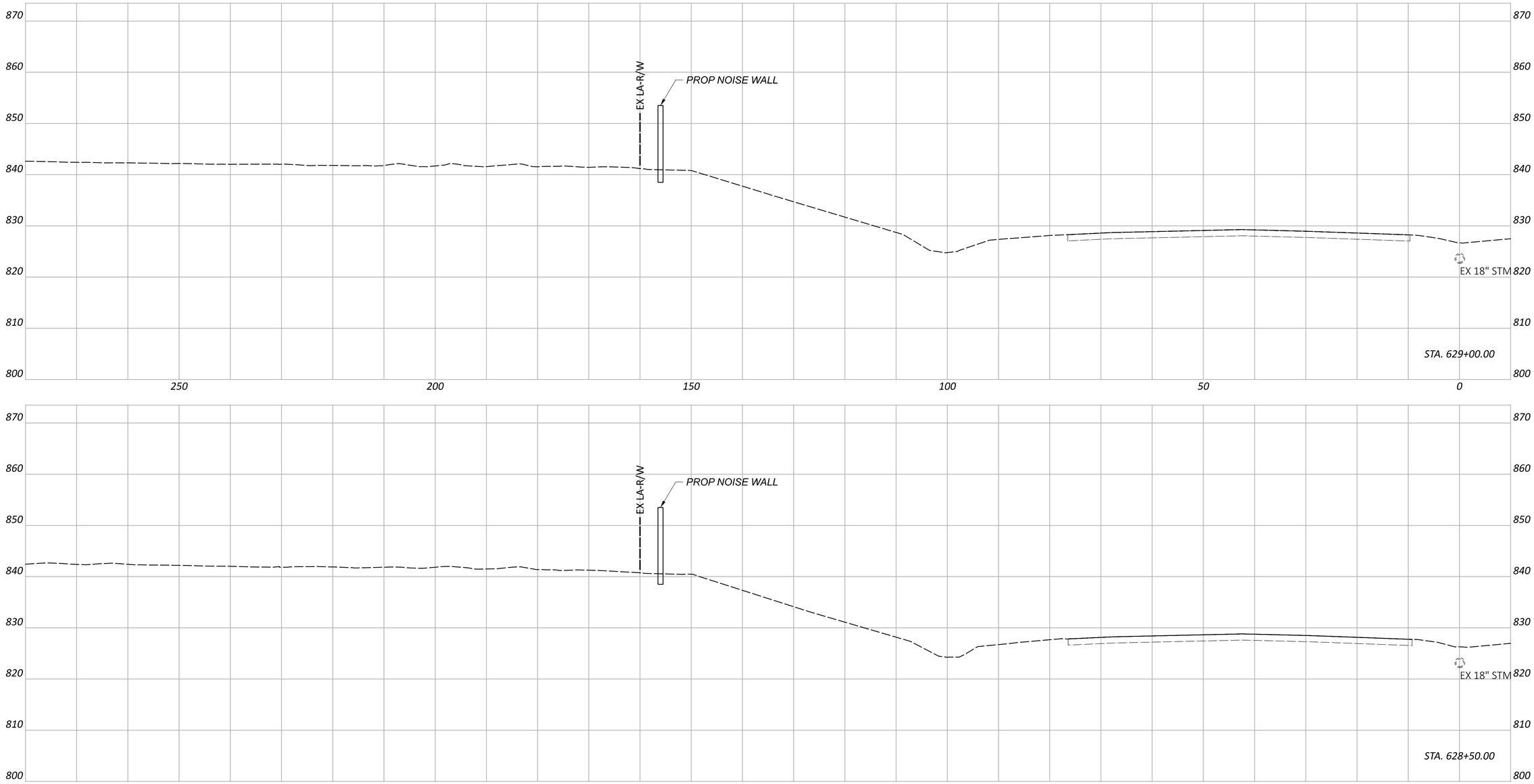
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0430
TOTAL	P.2024



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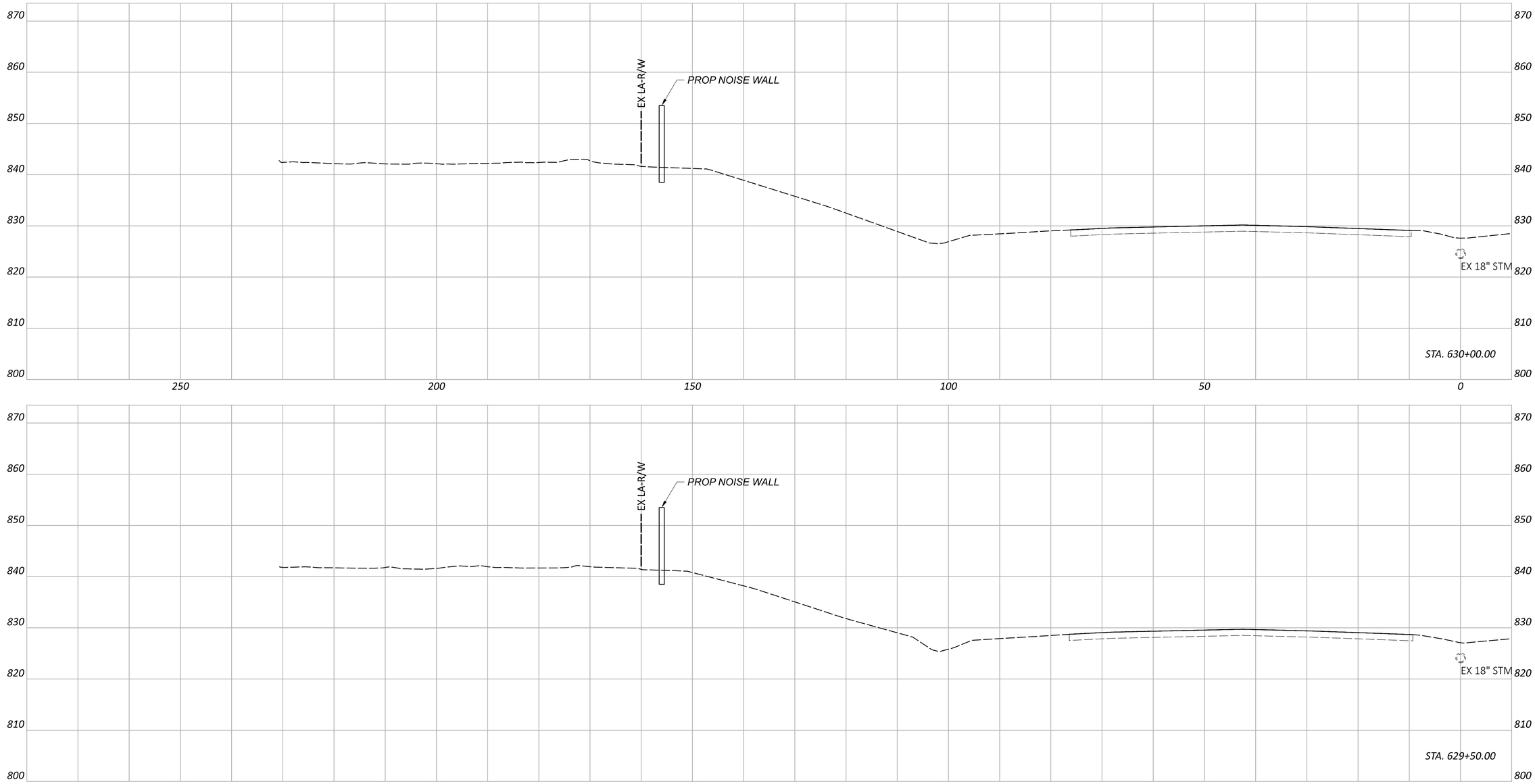
CROSS SECTIONS - IR 70 WB
STA. 628+50.00 TO STA. 629+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0431
TOTAL	P.2024



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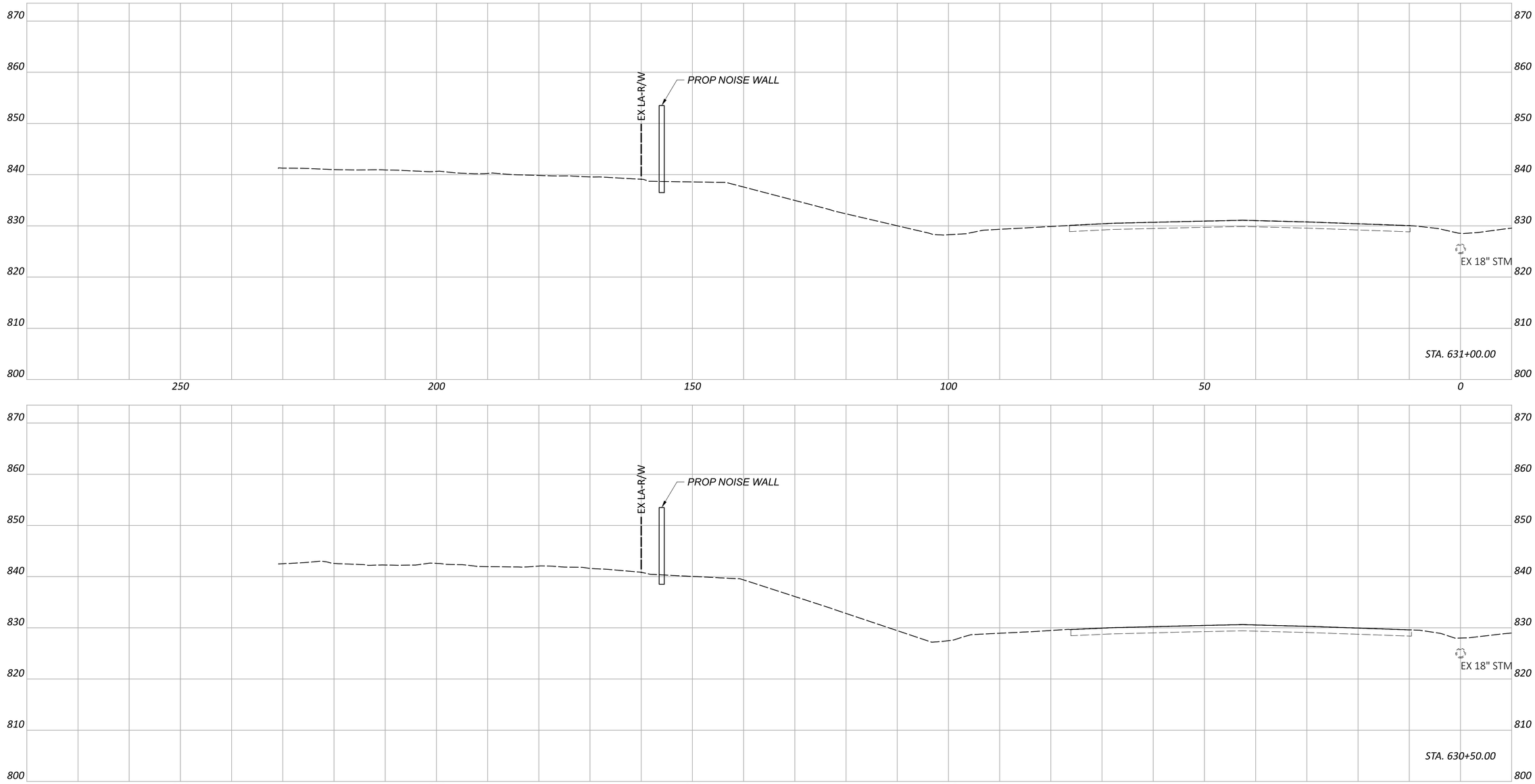
CROSS SECTIONS - IR 70 WB
STA. 629+50.00 TO STA. 630+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0432
TOTAL	P.2024



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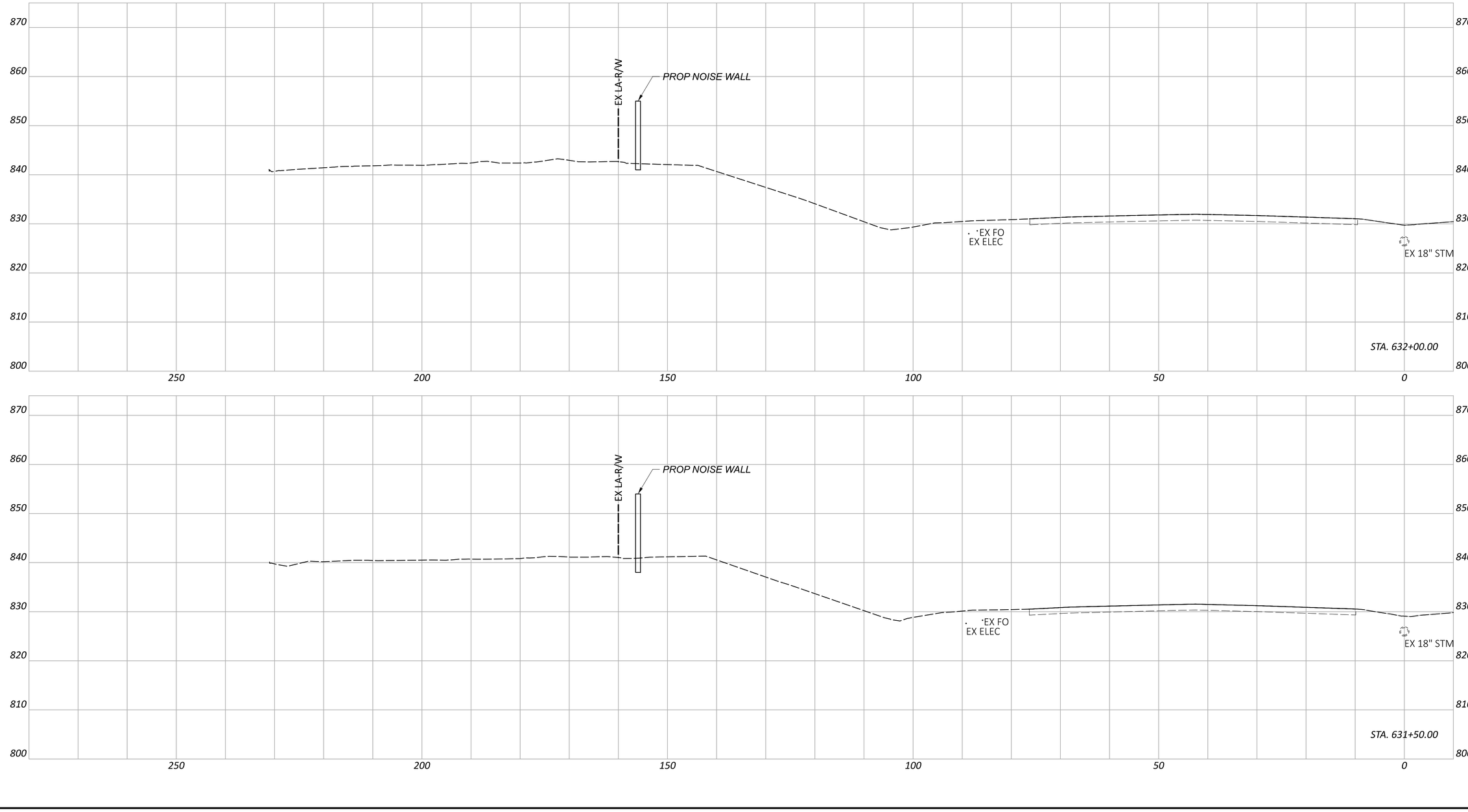
CROSS SECTIONS - IR 70 WB
STA. 630+50.00 TO STA. 631+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0433
TOTAL	P.2024



FAI/LIC-IR 70-0.00/0.26

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CROSS SECTIONS - IR 70 WB
STA. 631+50.00 TO STA. 632+00.00

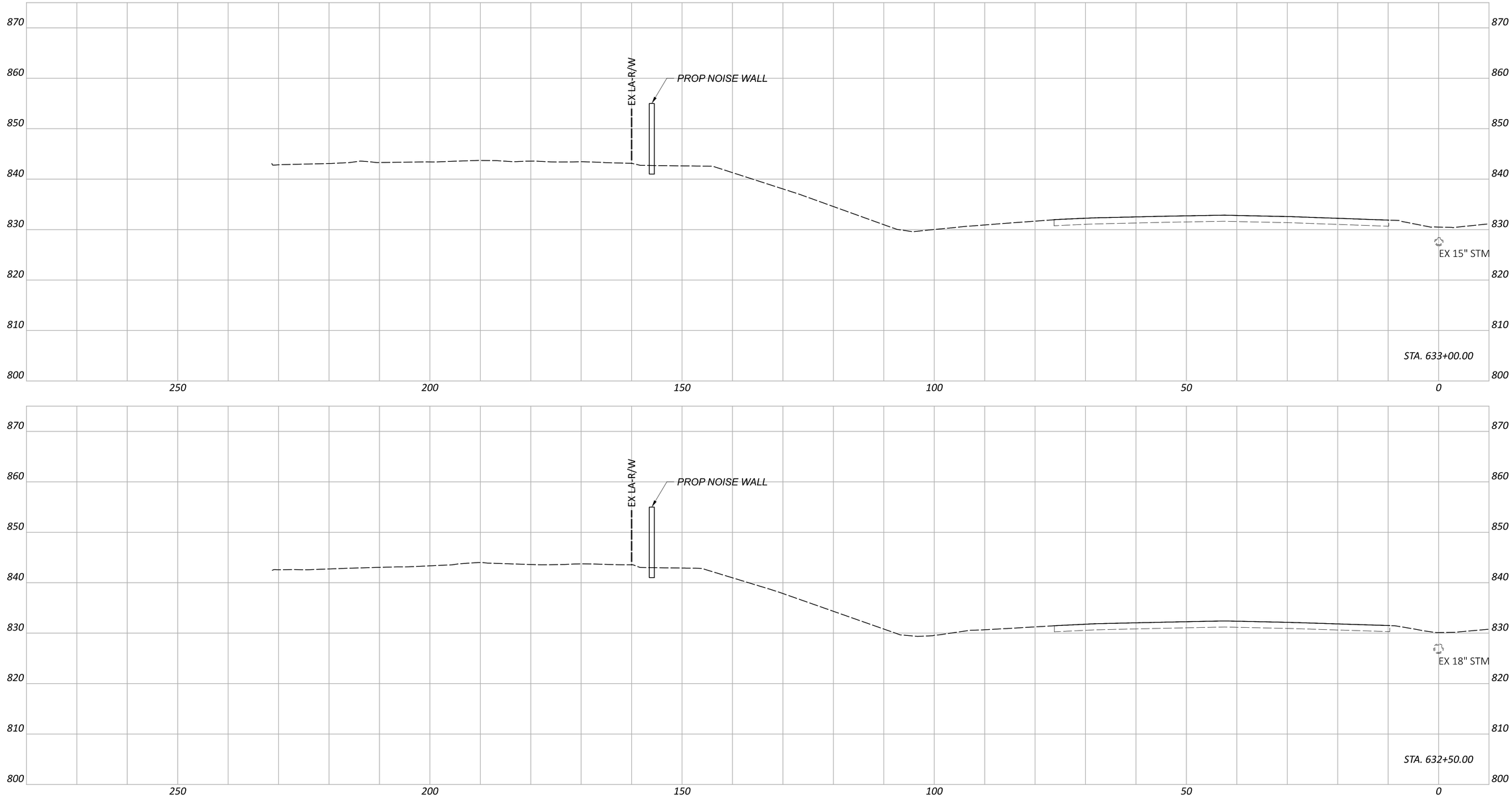
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0434 TOTAL P.2024



CROSS SECTIONS - IR 70 WB
STA. 632+50.00 TO STA. 633+00.00

FAI/LIC-IR 70-0.00/0.27

MODEL: CLP_I070 - 632+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:49:24 AM USER: brieder
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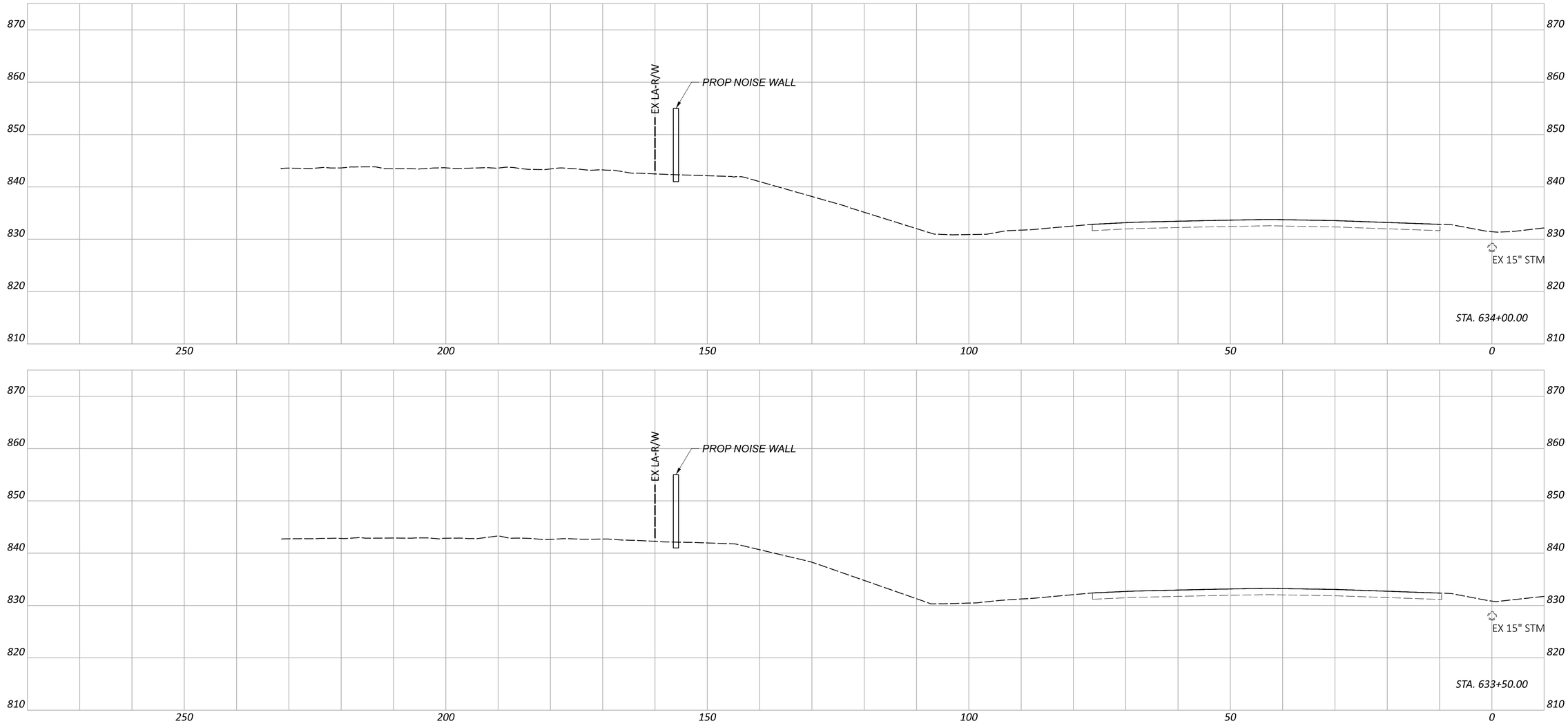
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0435 TOTAL P.2024



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STA. 633+50.00 TO STA. 634+00.00

FAI/LIC-IR 70-0.00/0.28

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.0436	P.2024

FAI/LIC-IR 70-0.00/0.29

MODEL: CLP_I070 - 634+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:49:31 AM USER: brieder
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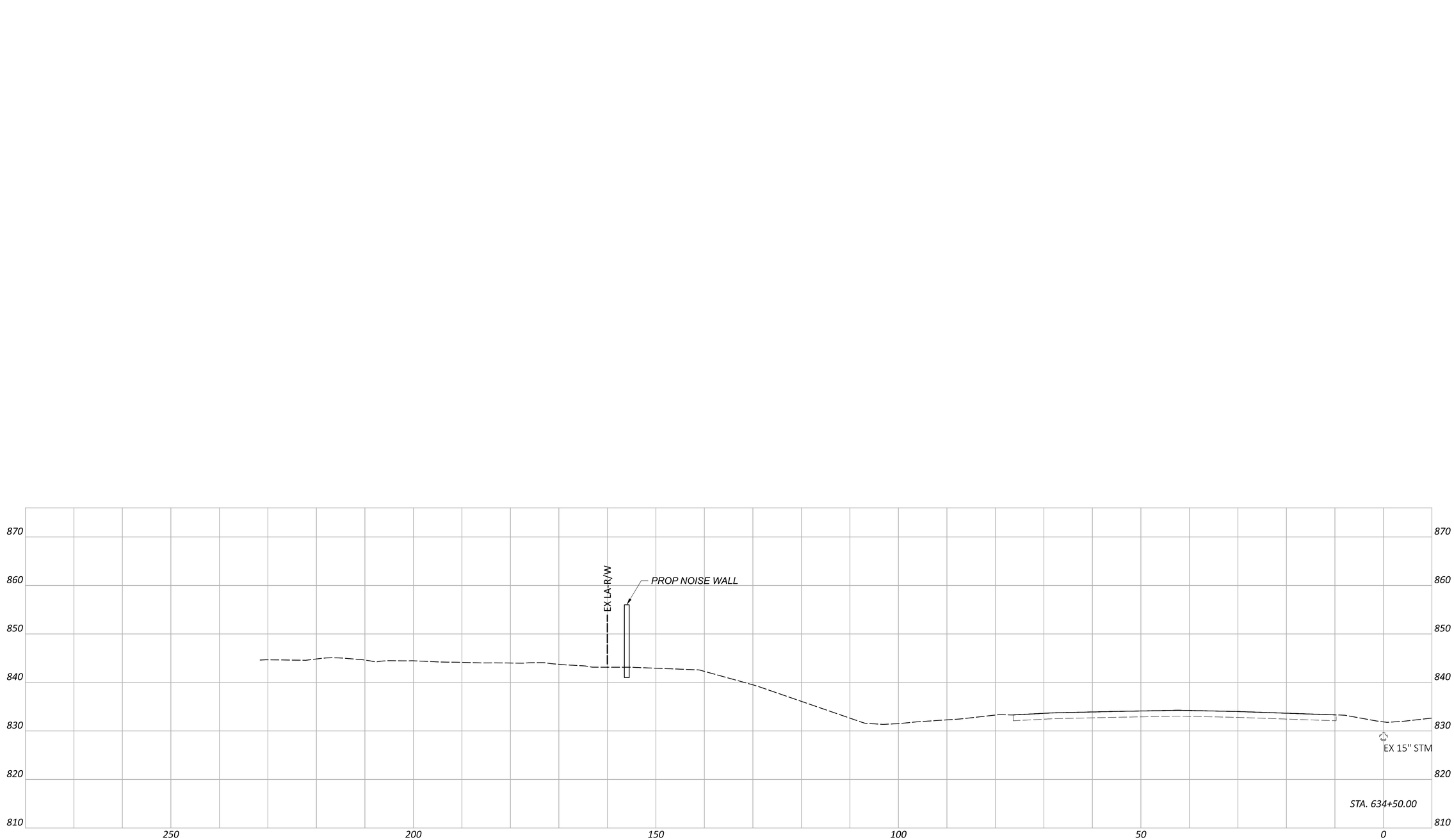

CROSS SECTIONS - IR 70 WB
STA. 634+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0437 TOTAL P.2024

MODEL: CLP_I70_WB - 635+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:49:41 AM USER: brieder
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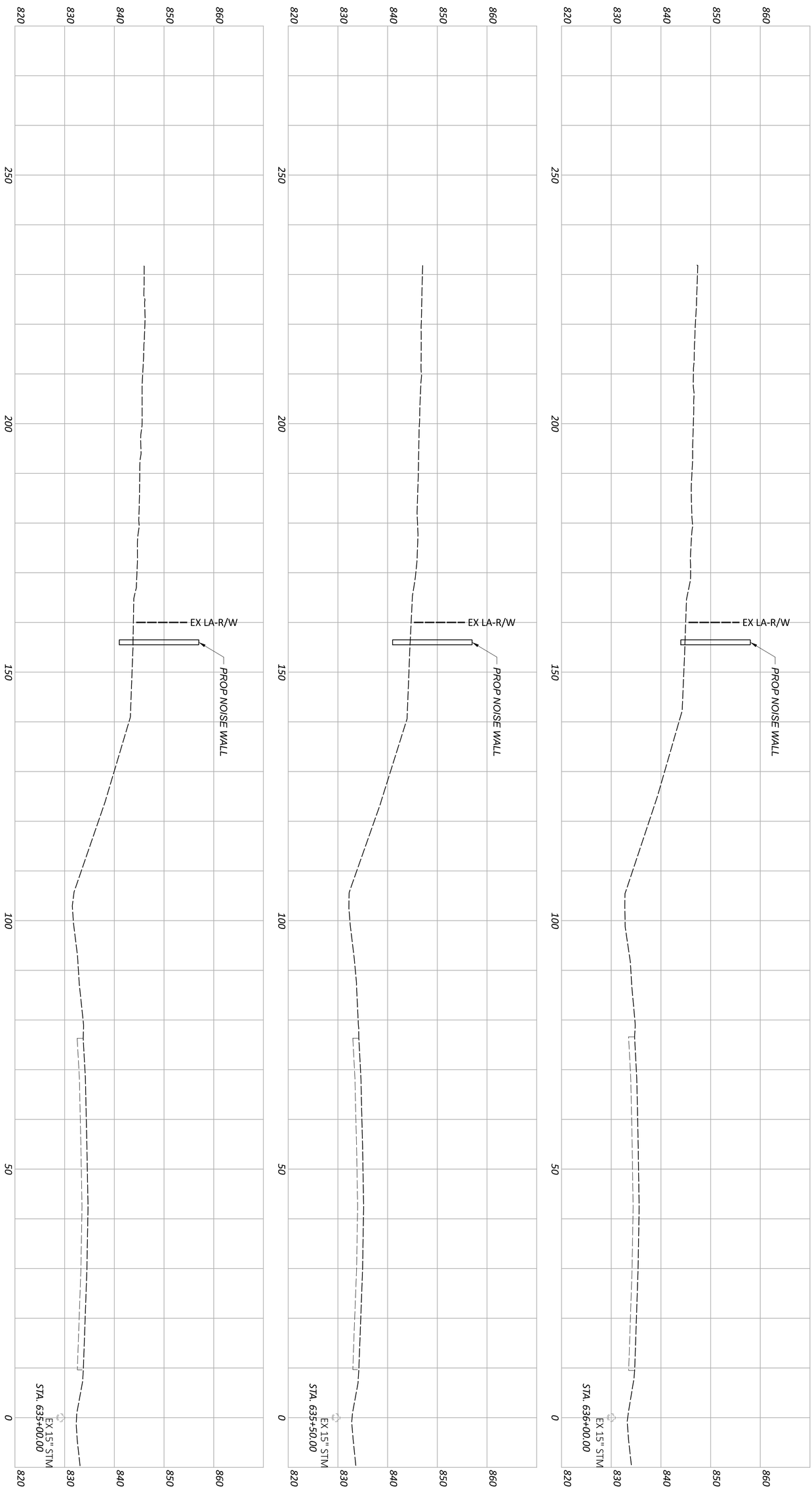


SHEET	TOTAL
P.0438	P.2024

PROJECT ID: 96808

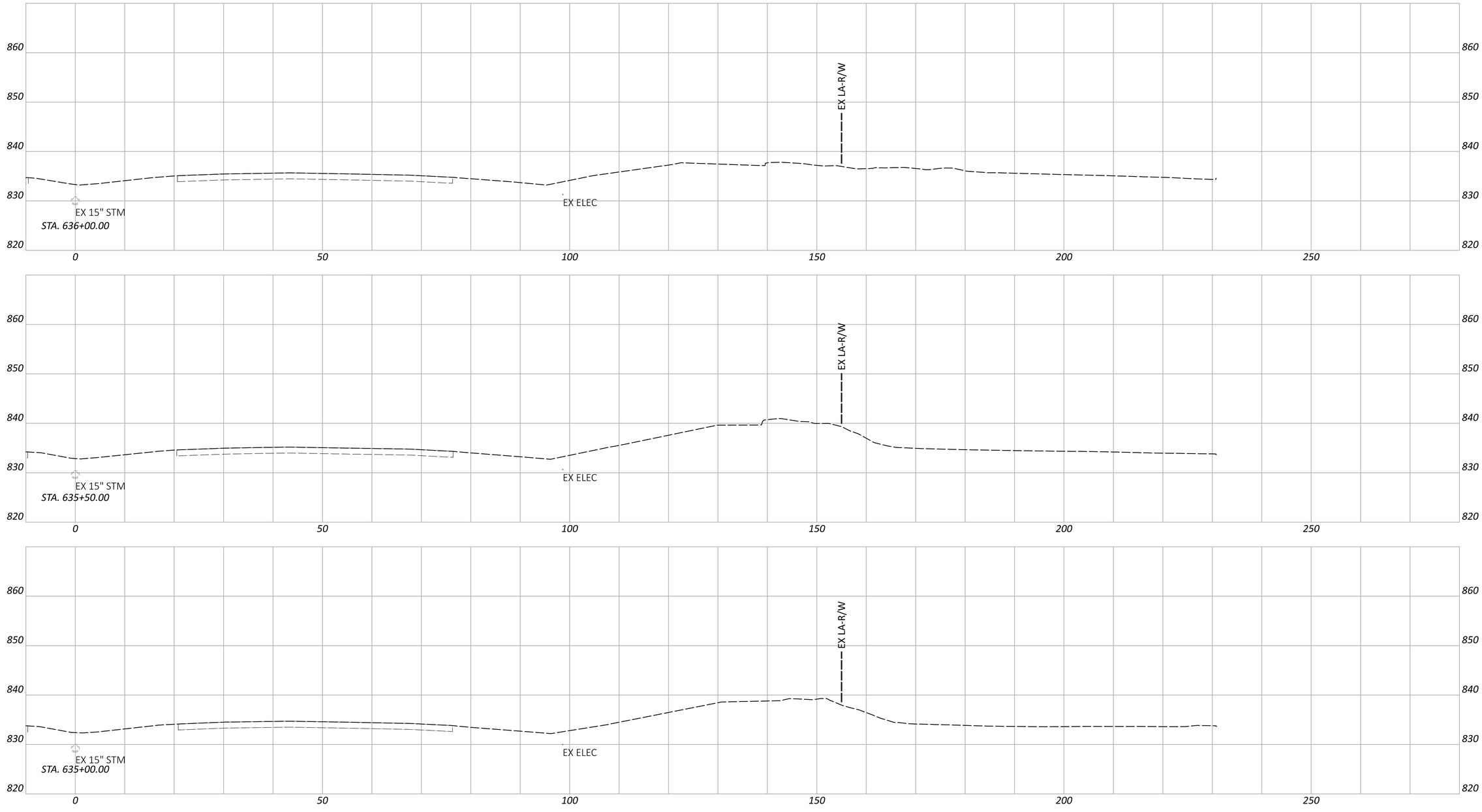
REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - IR 70 WB
STA. 635+00.00 TO STA. 636+00.00

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 635+00.00 TO STA. 636+00.00

FAI/LIC-IR 70-0.00/0.29

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0439 | TOTAL P.2024

CROSS SECTIONS - IR 70 WB
STA. 636+50.00 TO STA. 637+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0440 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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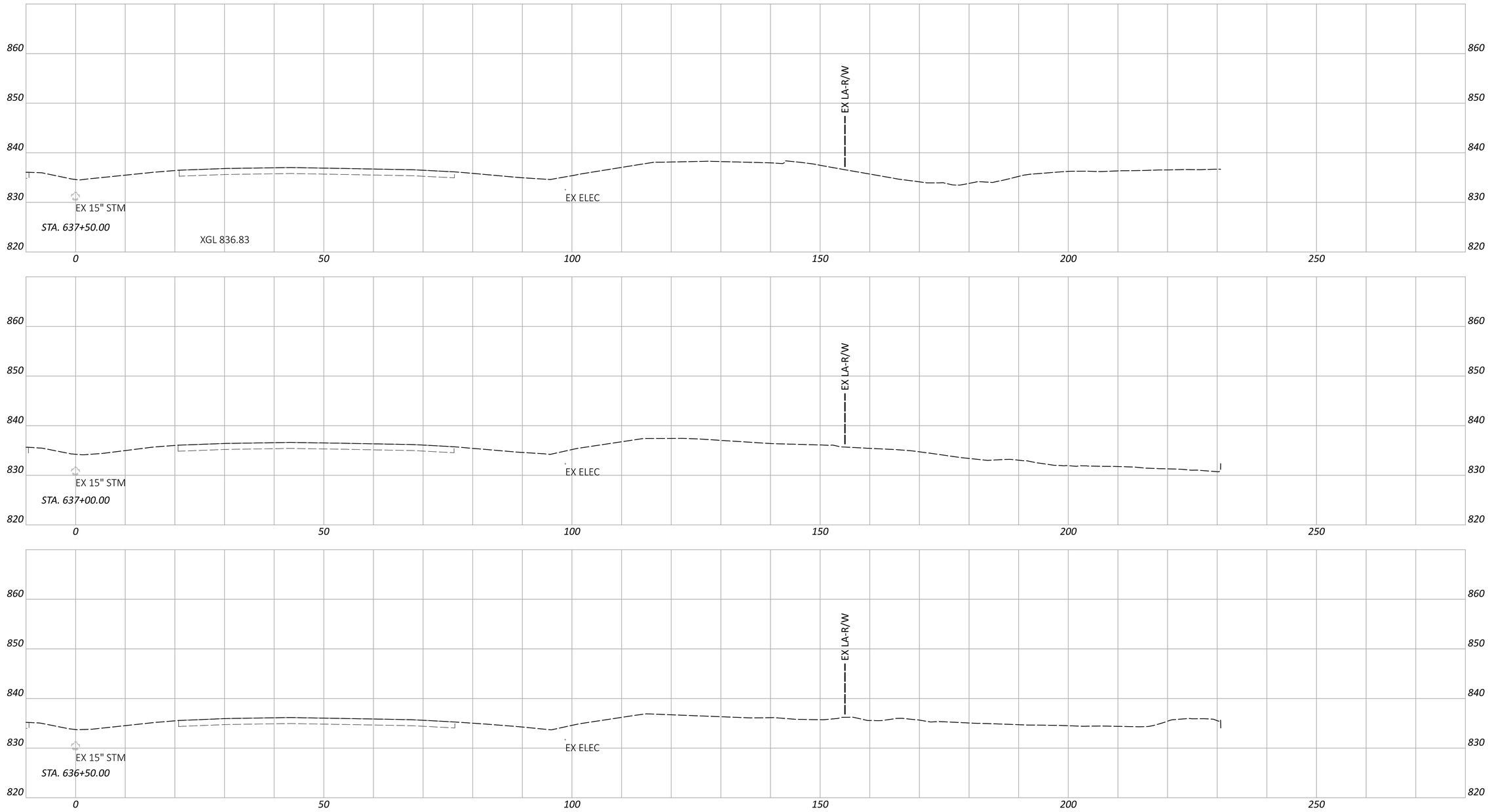

FAI/LIC-IR 70-0.00/0.29

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CROSS SECTIONS - IR 70 EB
STA. 636+50.00 TO STA. 637+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0441 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CROSS SECTIONS - IR 70 WB
STA. 637+75.00 TO STA. 638+50.00

FAI/LIC-IR 70-0.00/0.29

MODEL: CLP_I70_WB - 637+75.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:49:52 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

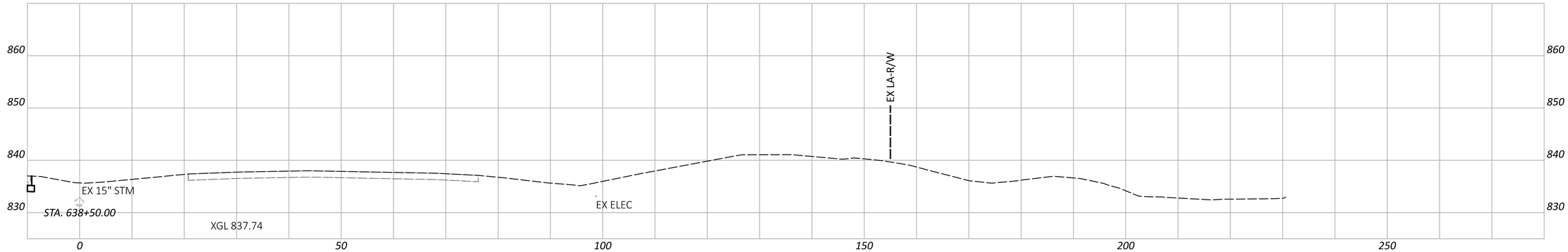
DESIGNER
BER

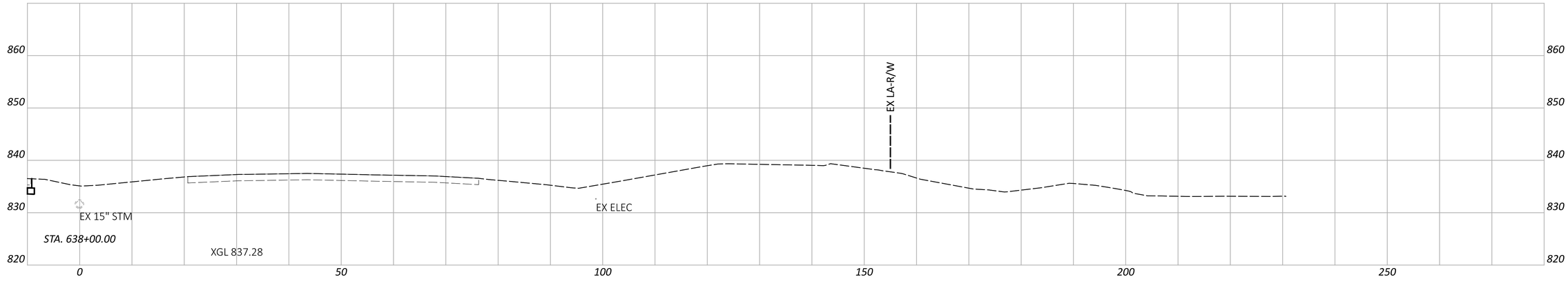
REVIEWER
KAM 08/07/26

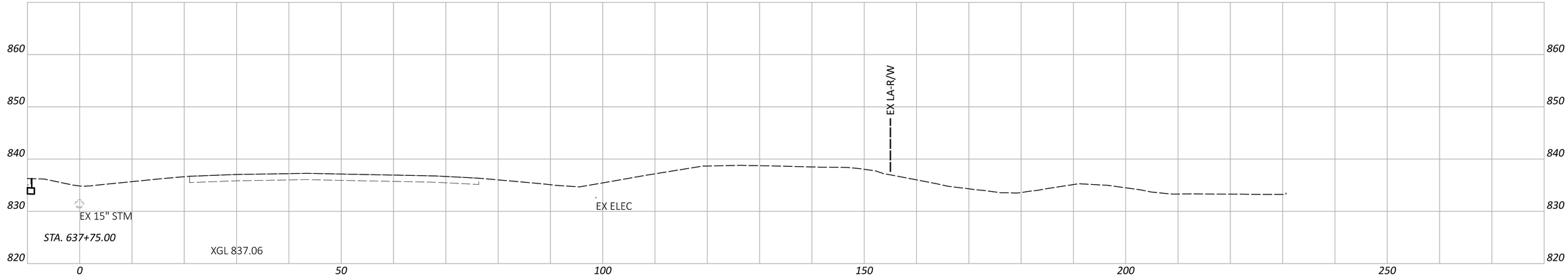
PROJECT ID
96808

SHEET P.0442 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 EB
STA. 637+75.00 TO STA. 638+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0443 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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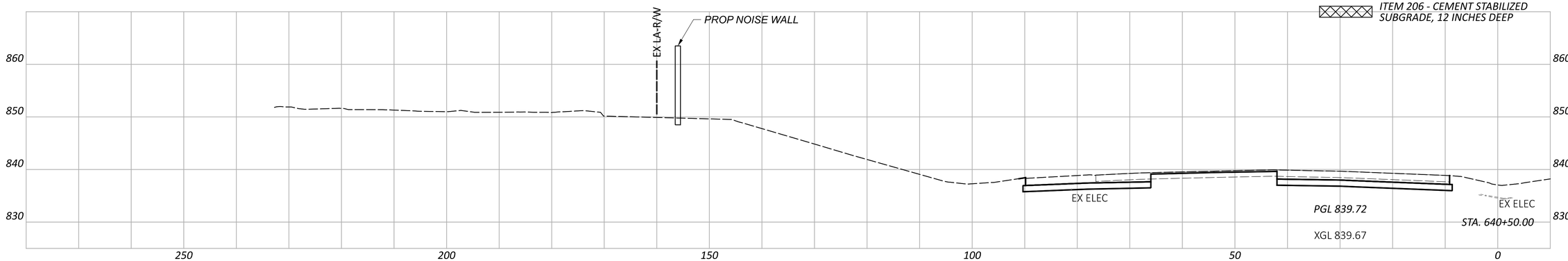

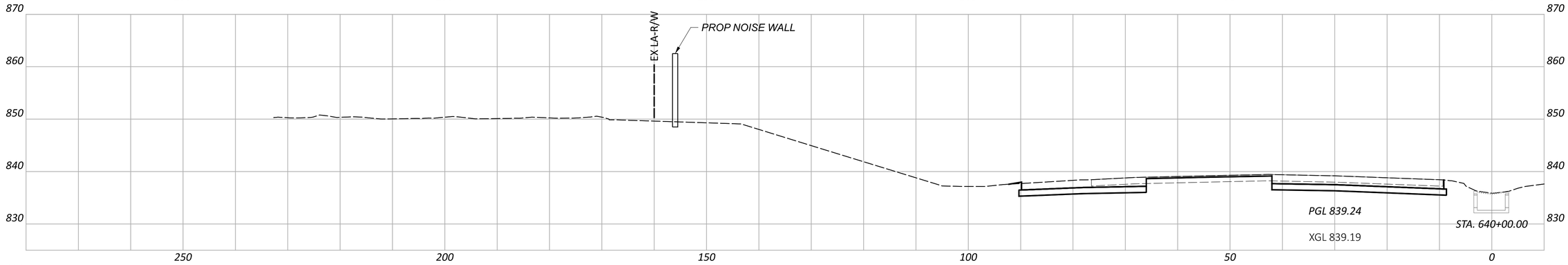

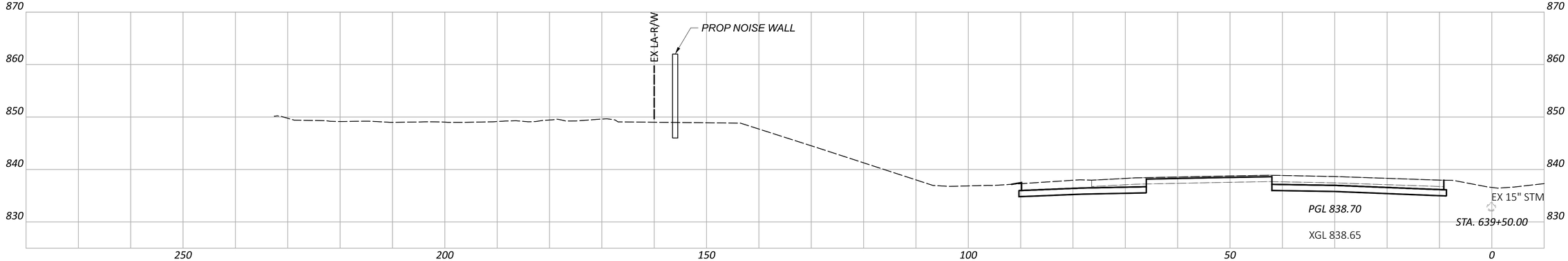

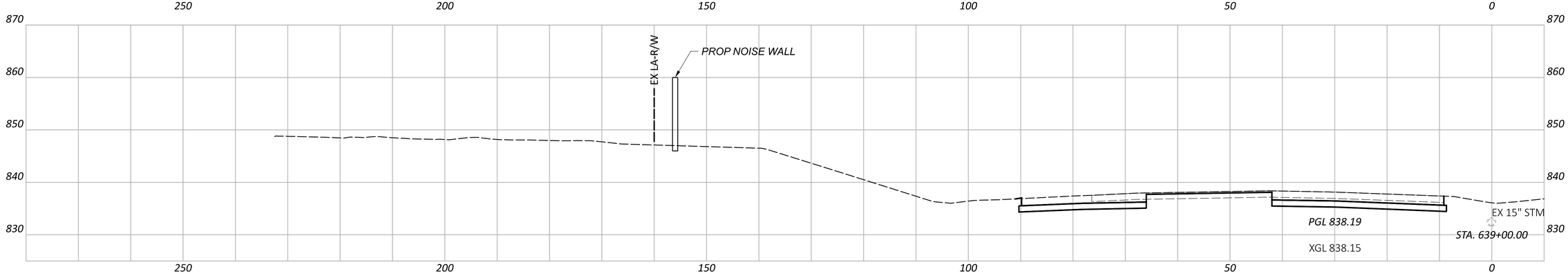

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STA. 639+00.00 TO STA. 640+50.00

FAI/LIC-IR 70-0.00/0.29

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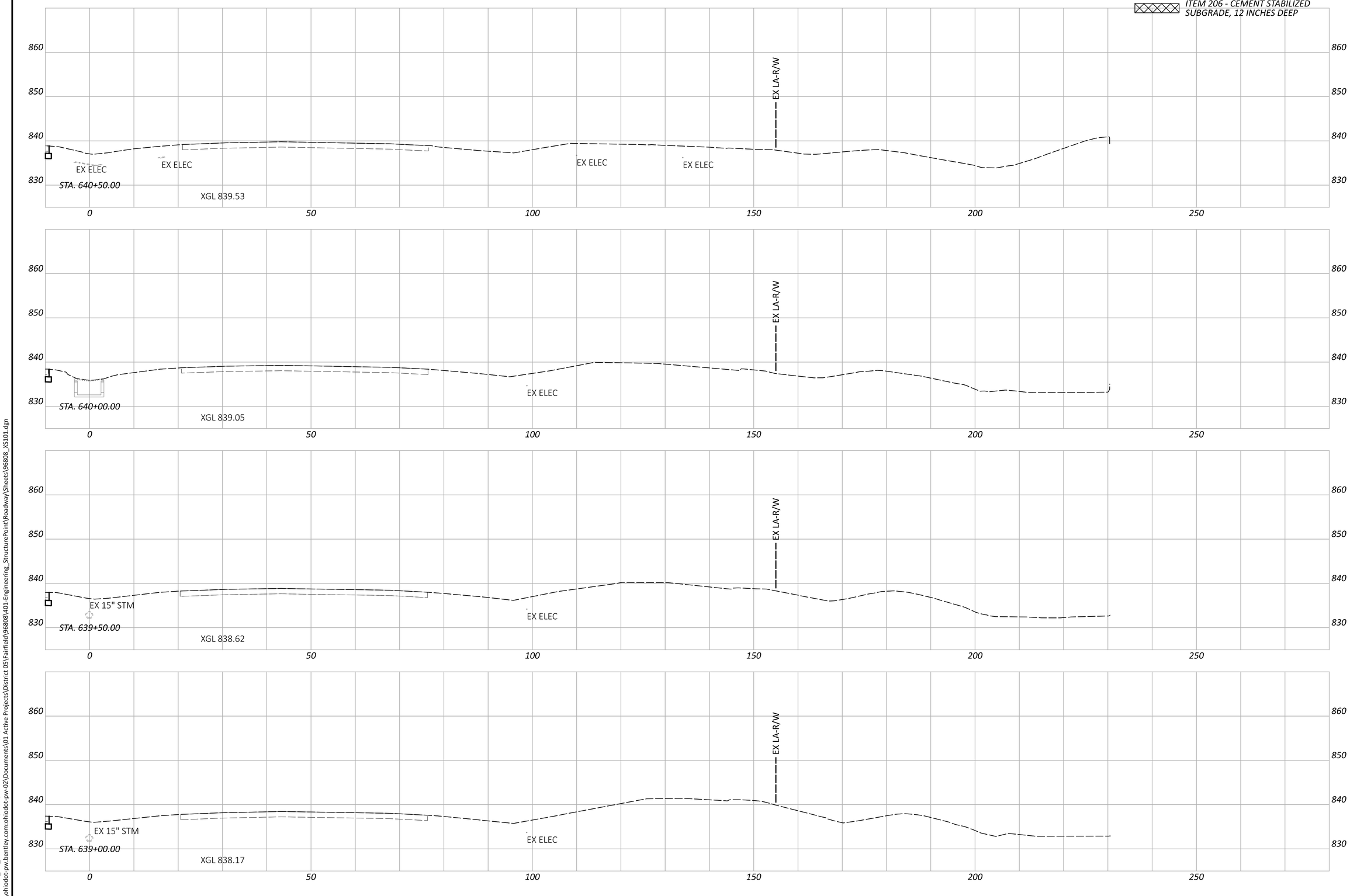
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0444 TOTAL P.2024



CROSS SECTIONS - IR 70 EB
STA. 639+00.00 TO STA. 640+50.00

FAI/LIC-IR 70-0.00/0.29

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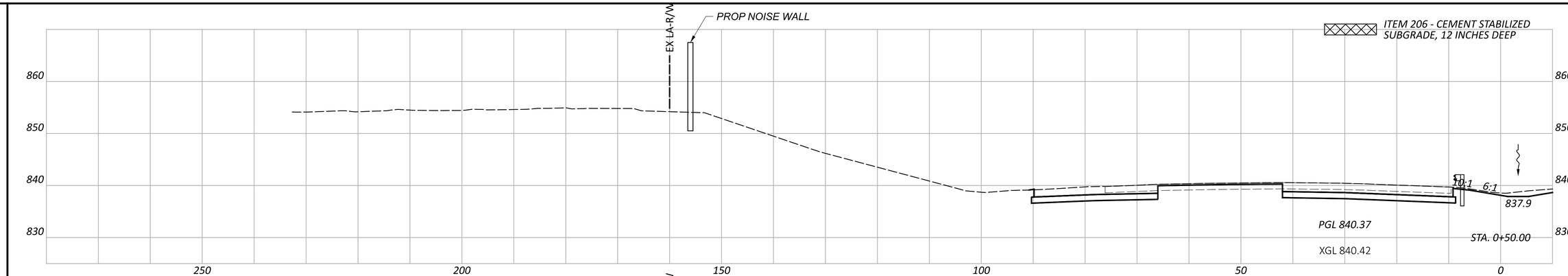
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

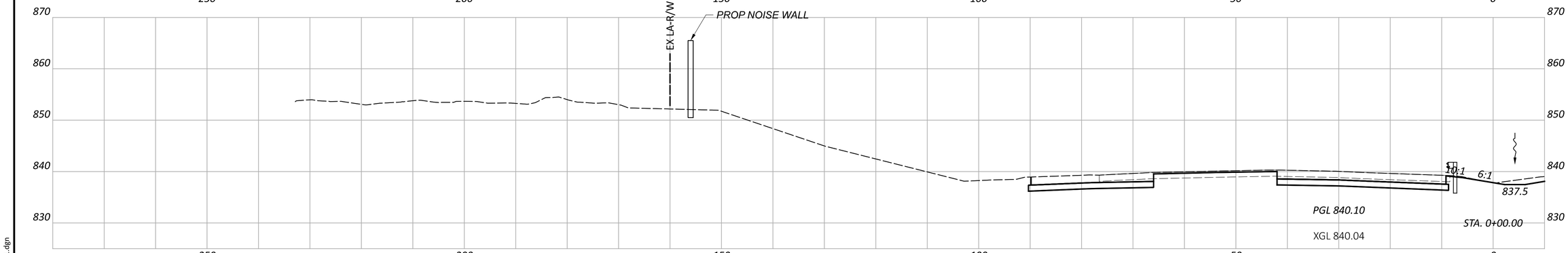
DESIGNER
BER

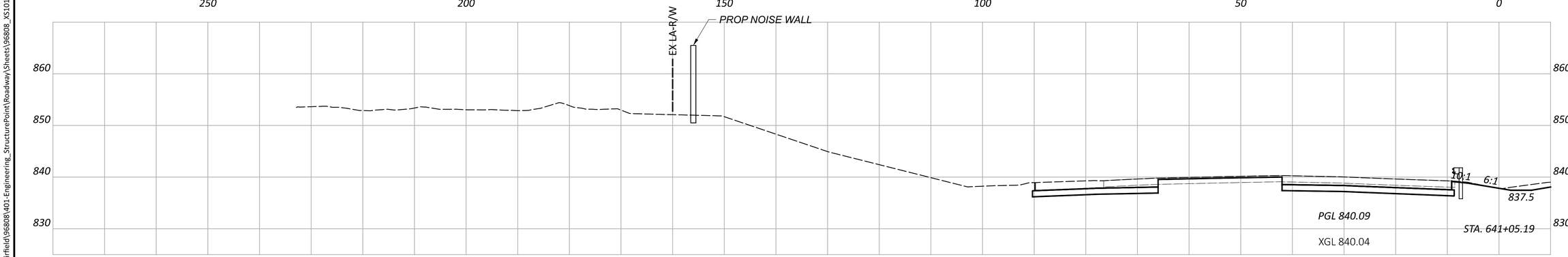
REVIEWER
KAM 08/07/26

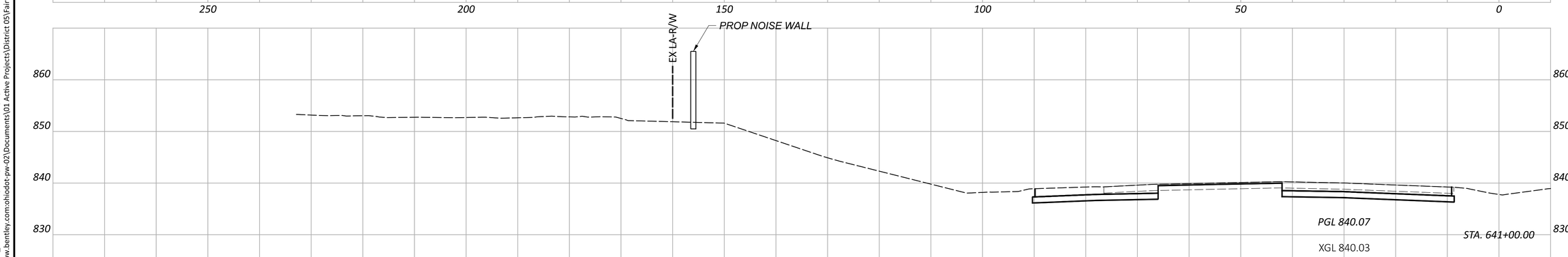
PROJECT ID
96808

SHEET P.0445 TOTAL P.2024









CROSS SECTIONS - IR 70 WB
STA. 641+00.00 TO STA. A 0+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0446 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

MODEL: CLP_I70_WB - 641+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:50:09 AM USER: brieder
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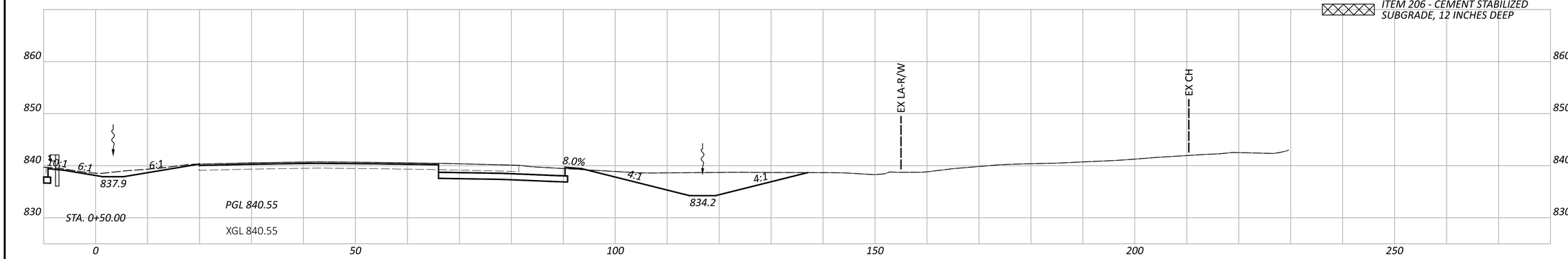

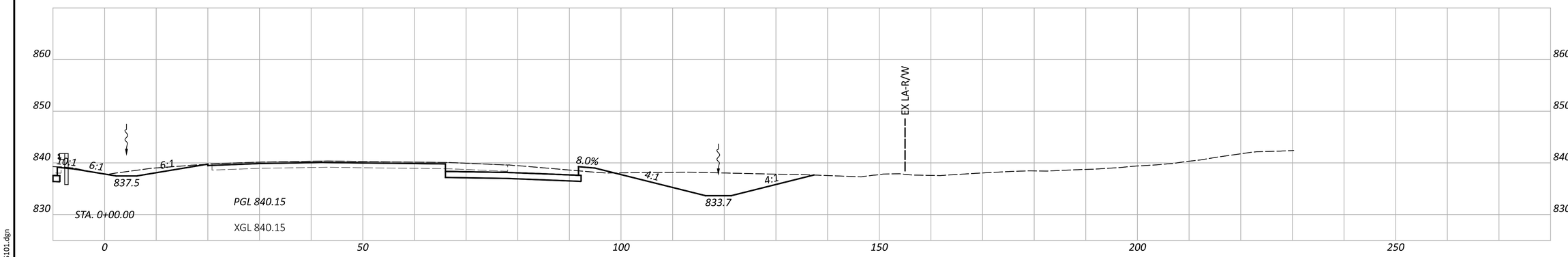

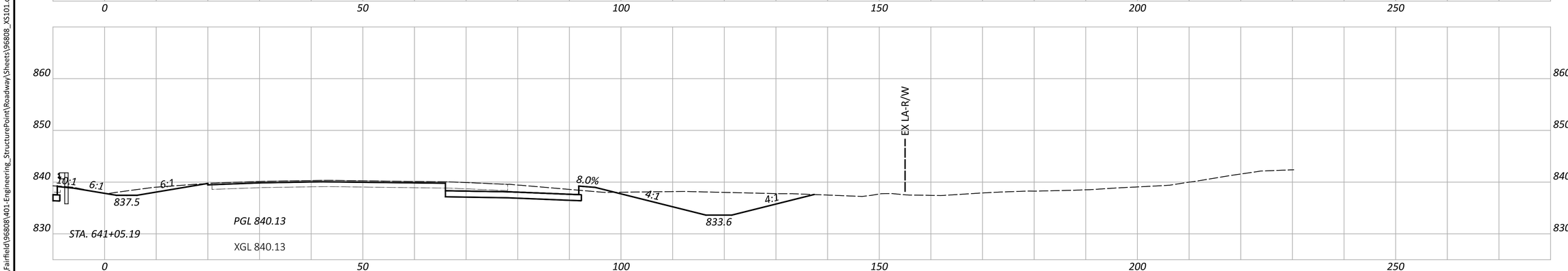

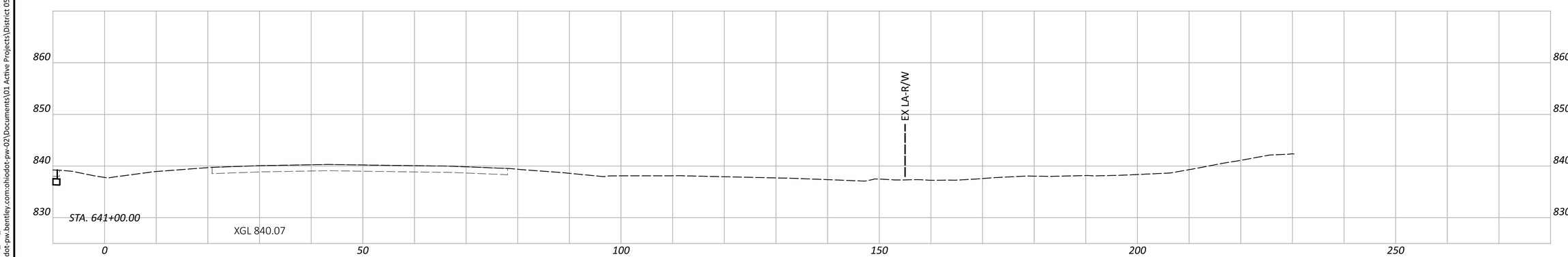

FAI/LIC-IR 70-0.00/0.29

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CROSS SECTIONS - IR 70 EB
STA. 641+00.00 TO STA. A 0+50.00

DESIGN AGENCY
STRUCTUREPOINT

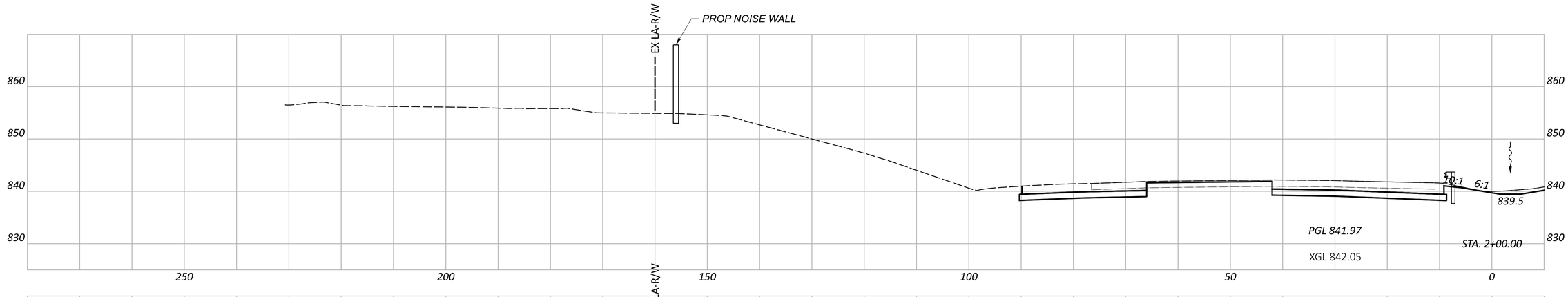
DESIGNER
BER

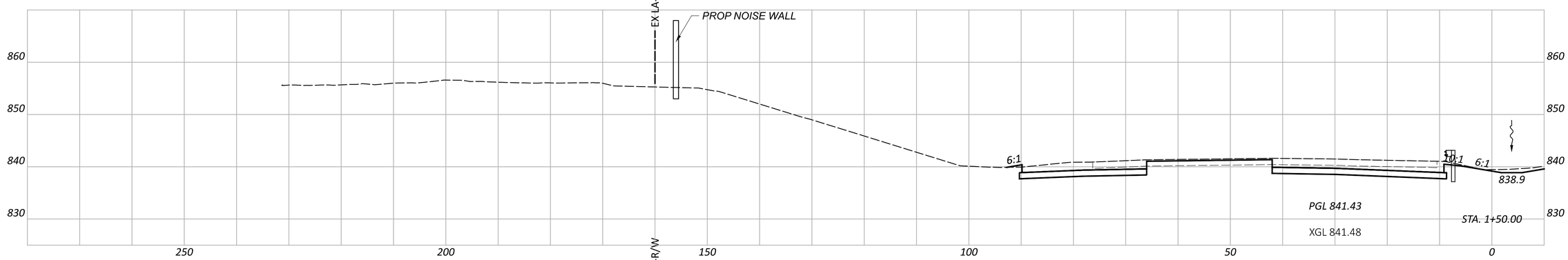
REVIEWER
KAM 08/07/26

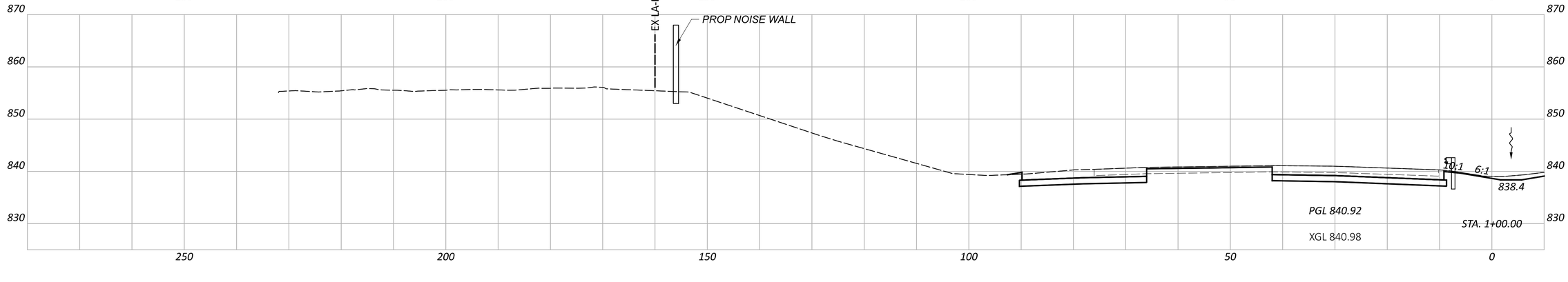
PROJECT ID
96808

SHEET P.0447 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 WB
STA. A 1+00.00 TO STA. A 2+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0448 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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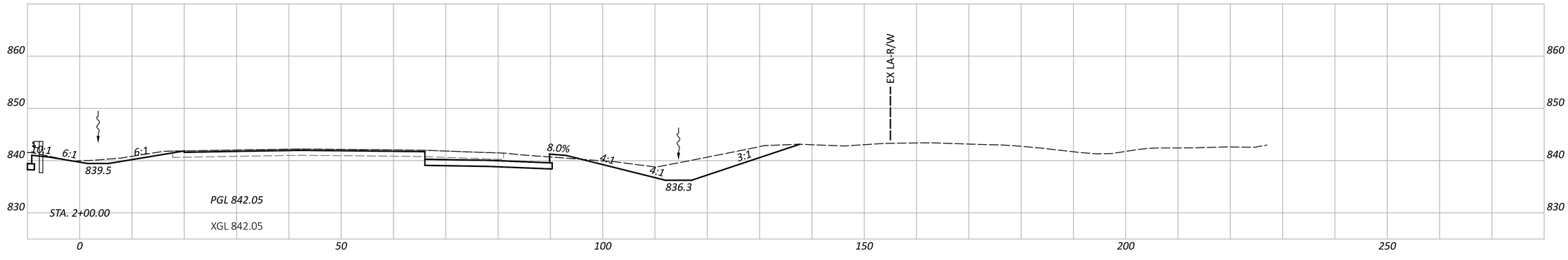
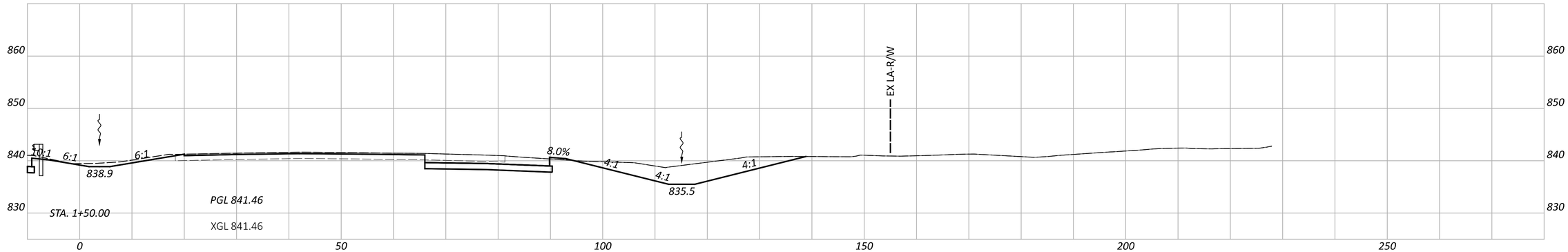
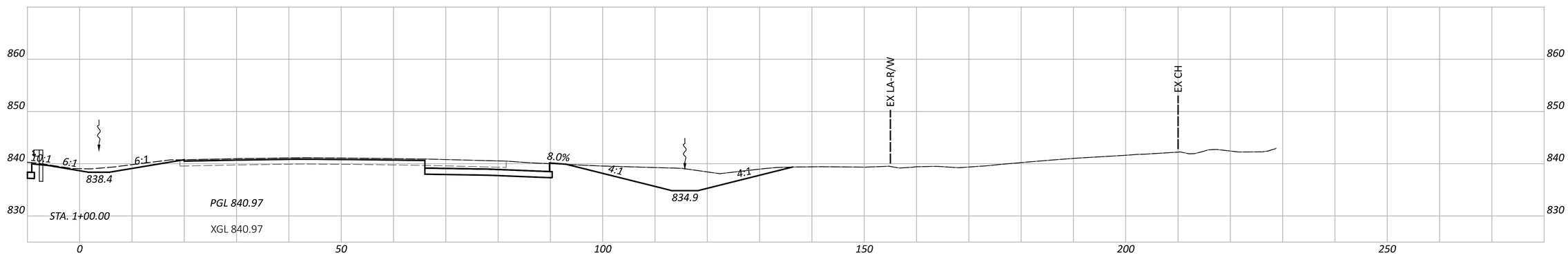
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.29

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DESIGN AGENCY
STRUCTUREPOINT INC.

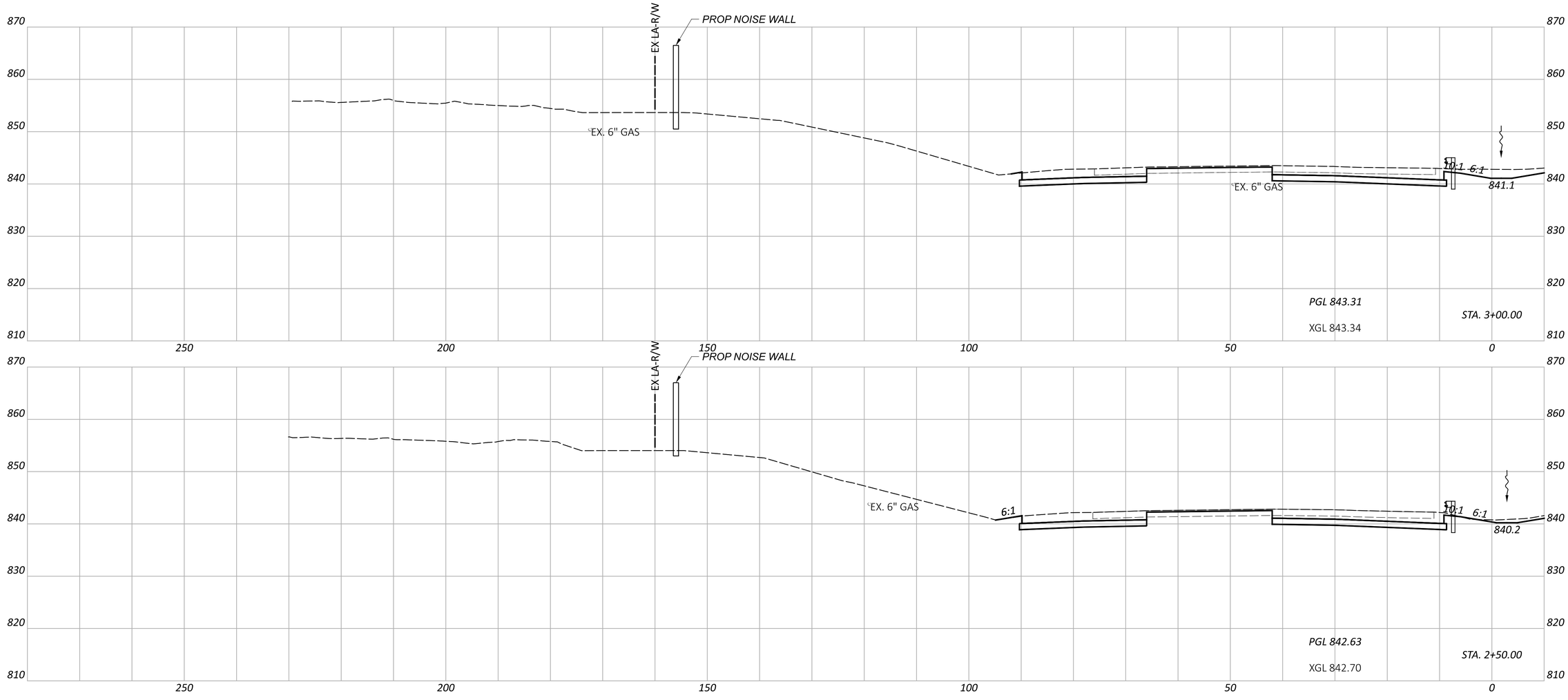
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0449 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. A 2+50.00 TO STA. A 3+00.00

FAI/LIC-IR 70-0.00/0.29

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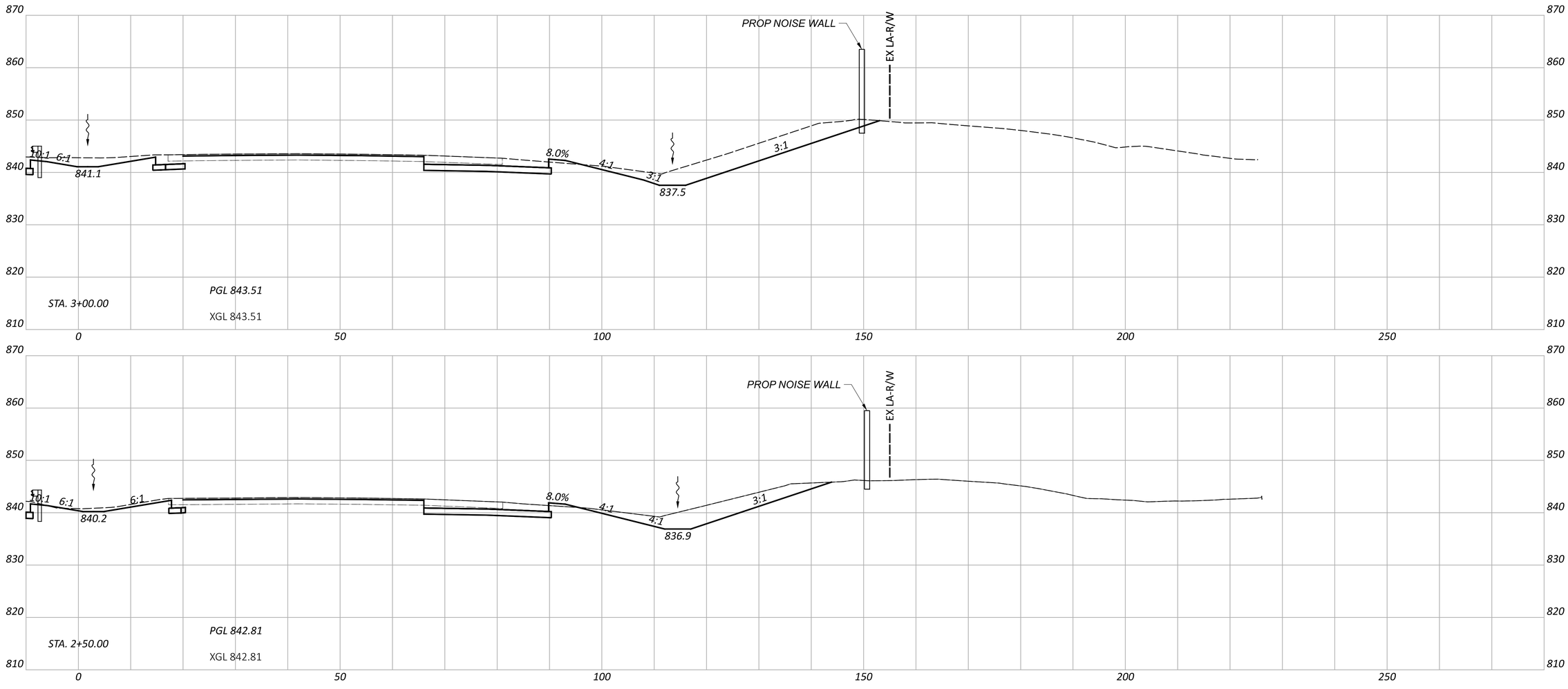
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0450
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
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FAI/LIC-IR 70-0.00/0.29

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

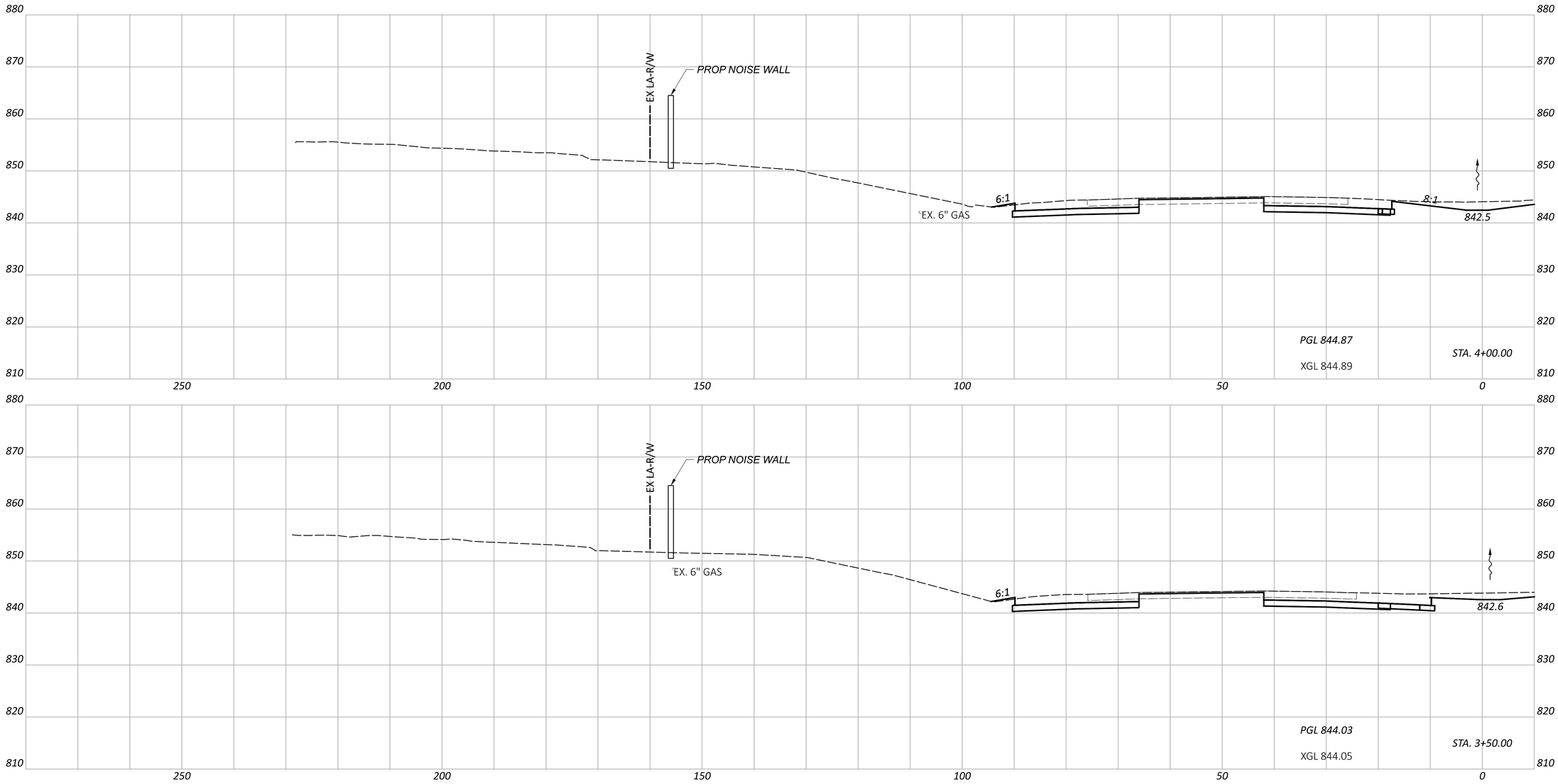
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0451 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. A 3+50.00 TO STA. A 4+00.00

FAI/LIC-IR 70-0.00/0.29

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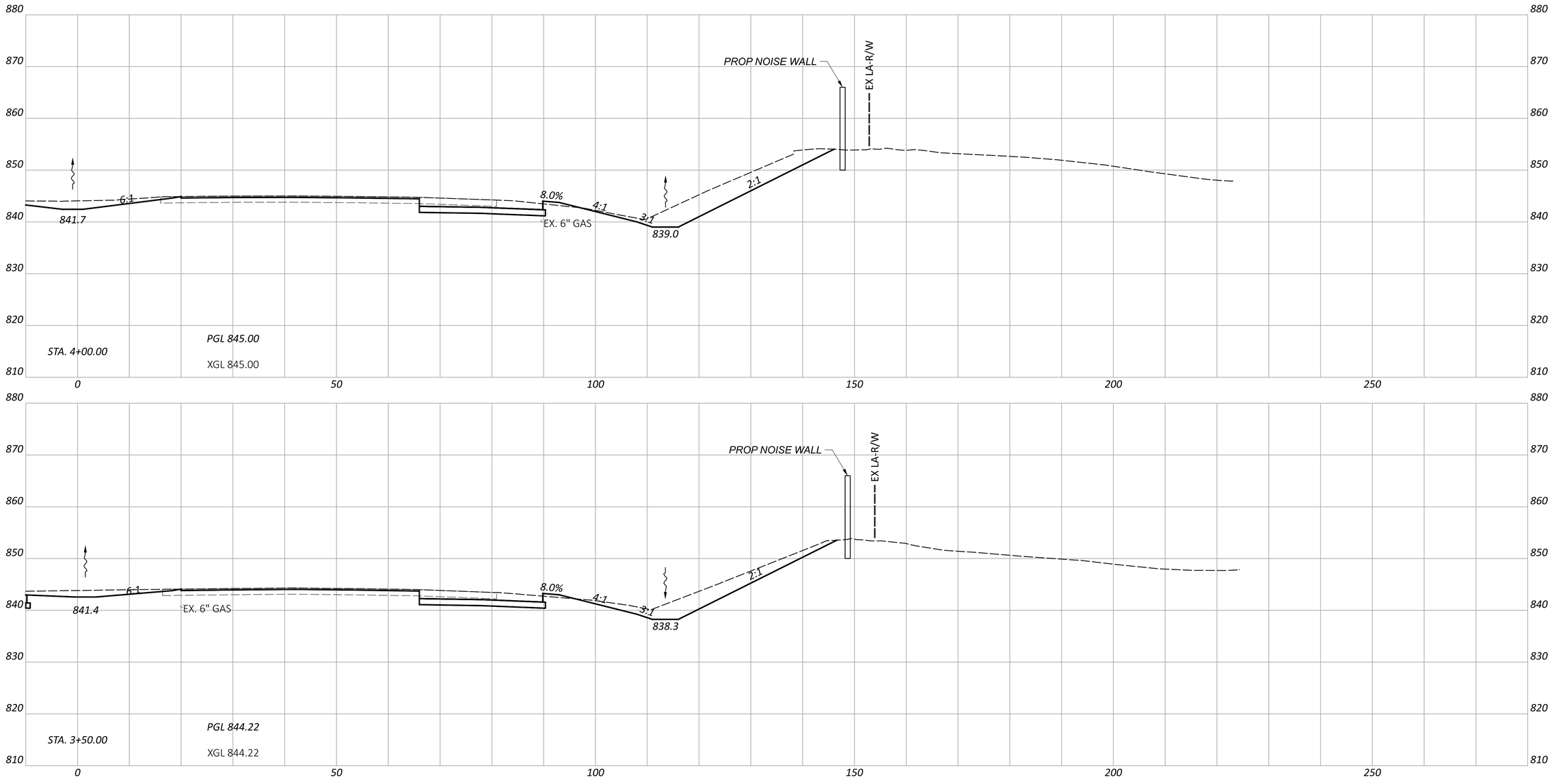
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0452
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. A 3+50.00 TO STA. A 4+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0453 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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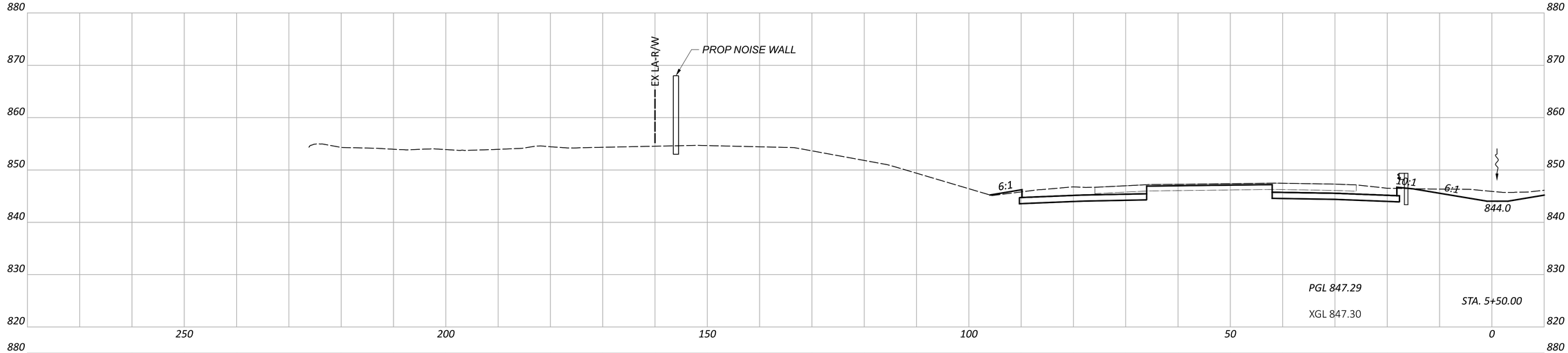
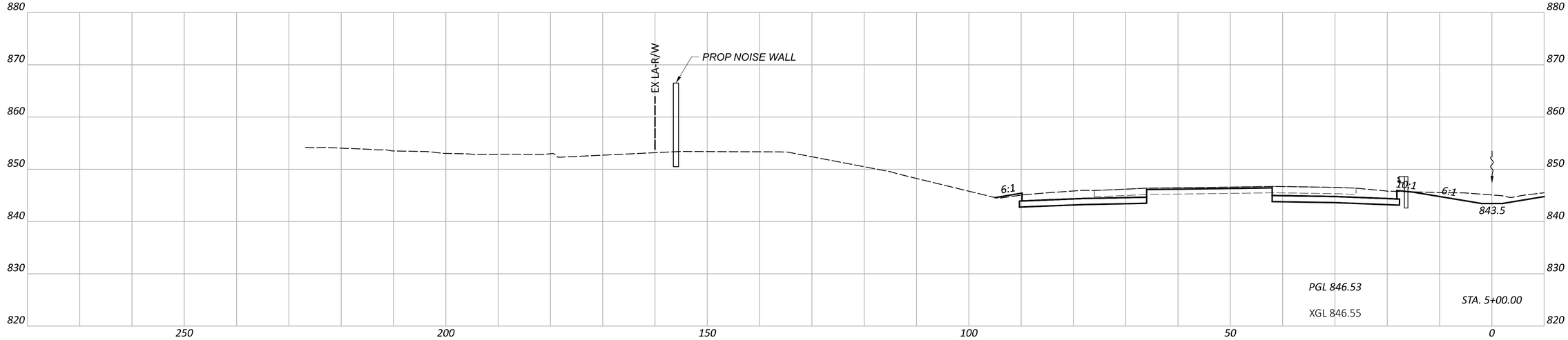
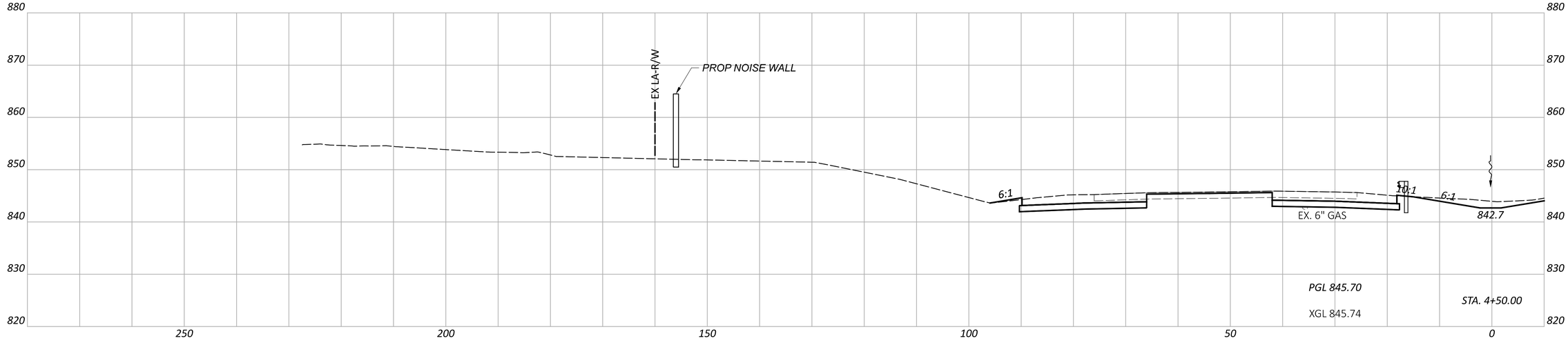
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 WB
STA. A 4+50.00 TO STA. A 5+50.00

FAI/LIC-IR 70-0.00/0.29

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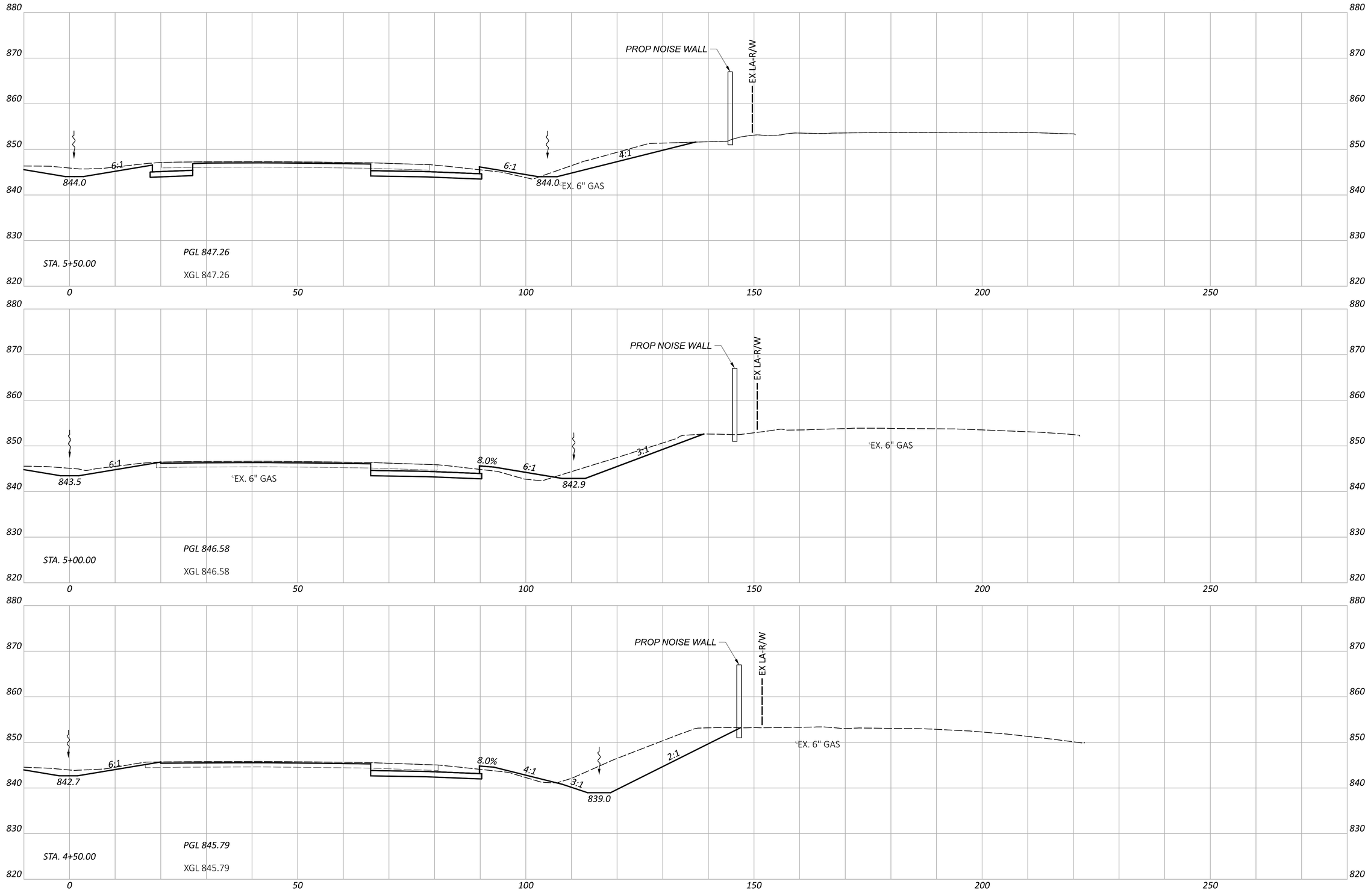
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0454 TOTAL P.2024



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FAI/LIC-IR 70-0.00/0.29

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

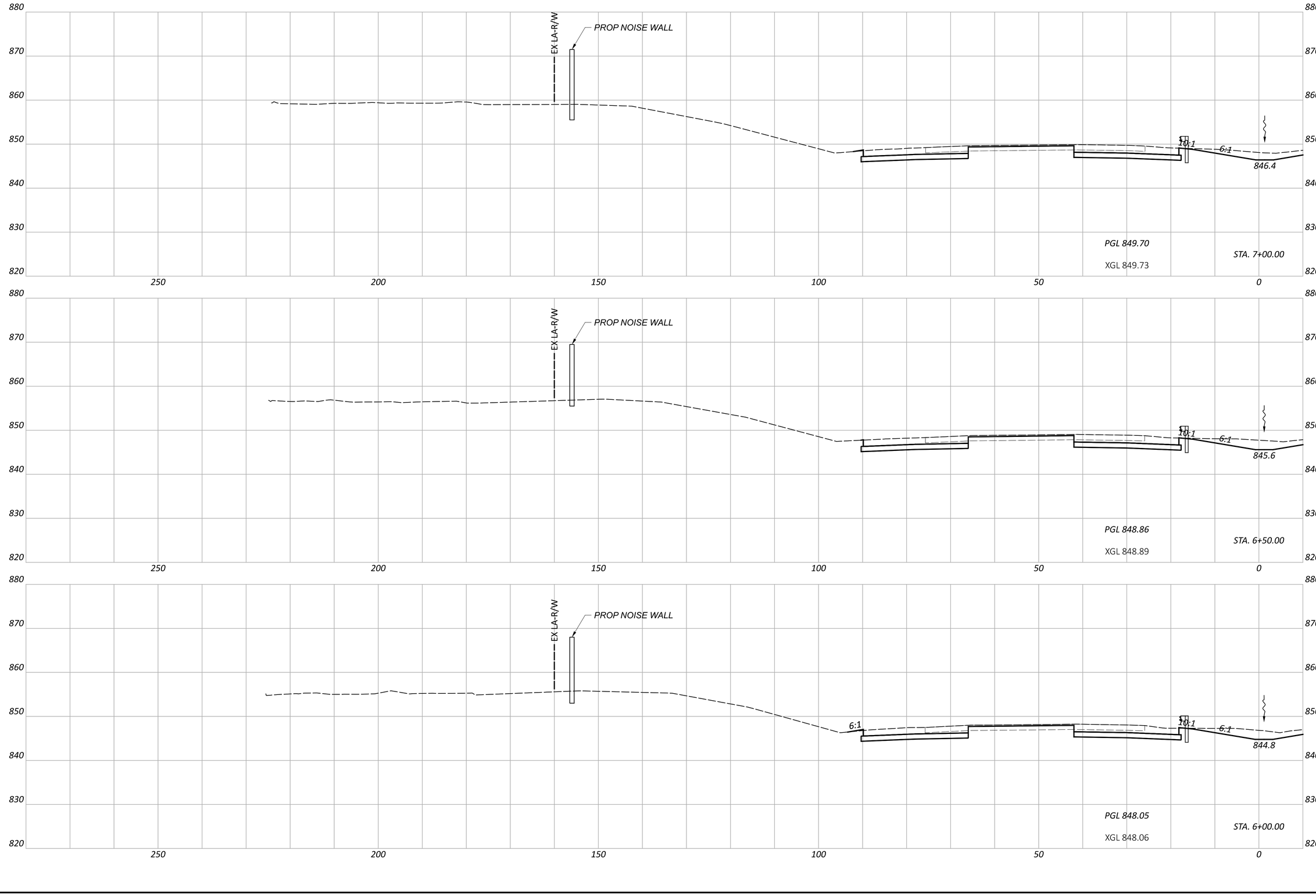
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0455 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. A 6+00.00 TO STA. A 7+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0456 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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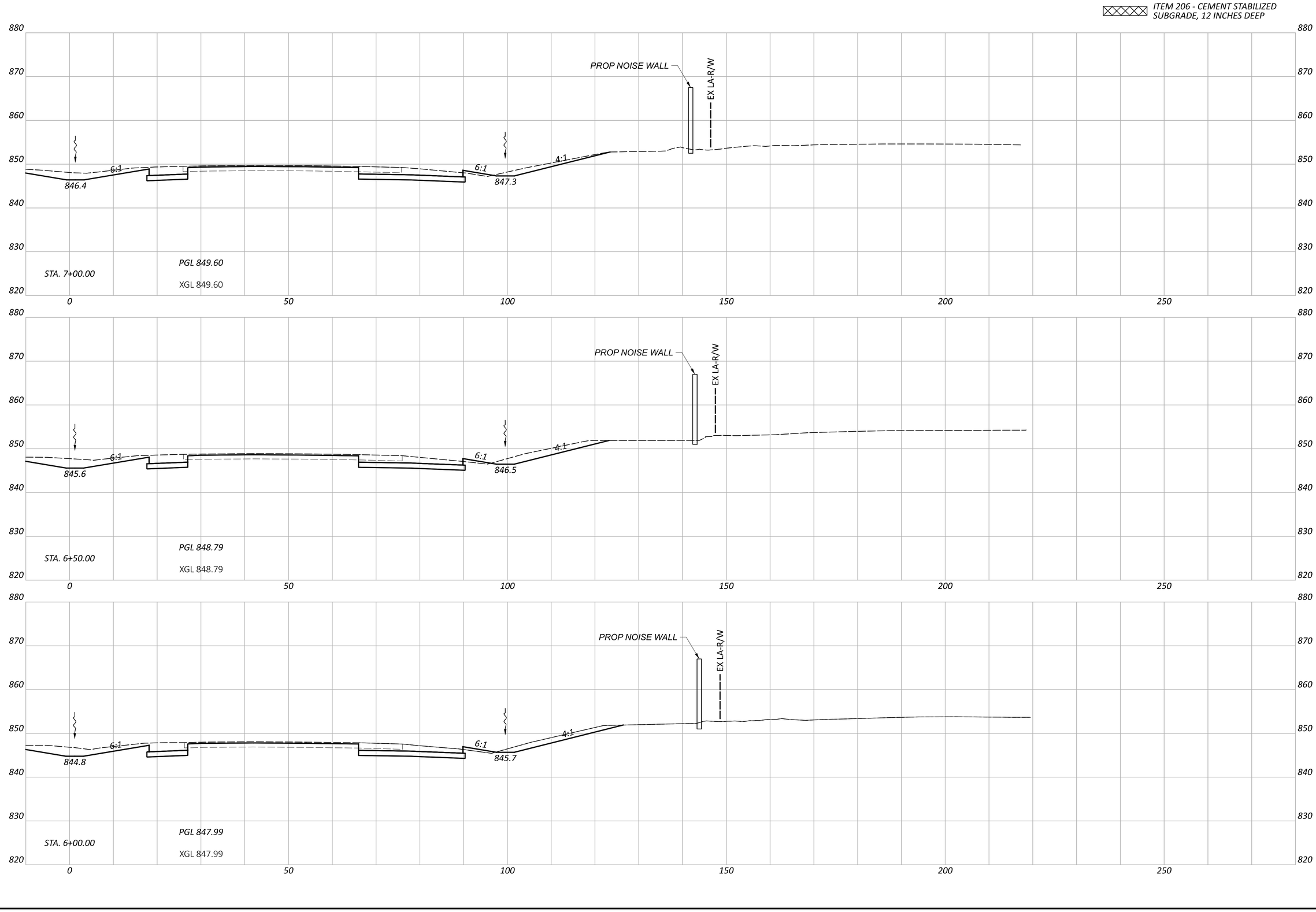

CROSS SECTIONS - IR 70 EB
STA. A 6+00.00 TO STA. A 7+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0457 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.29

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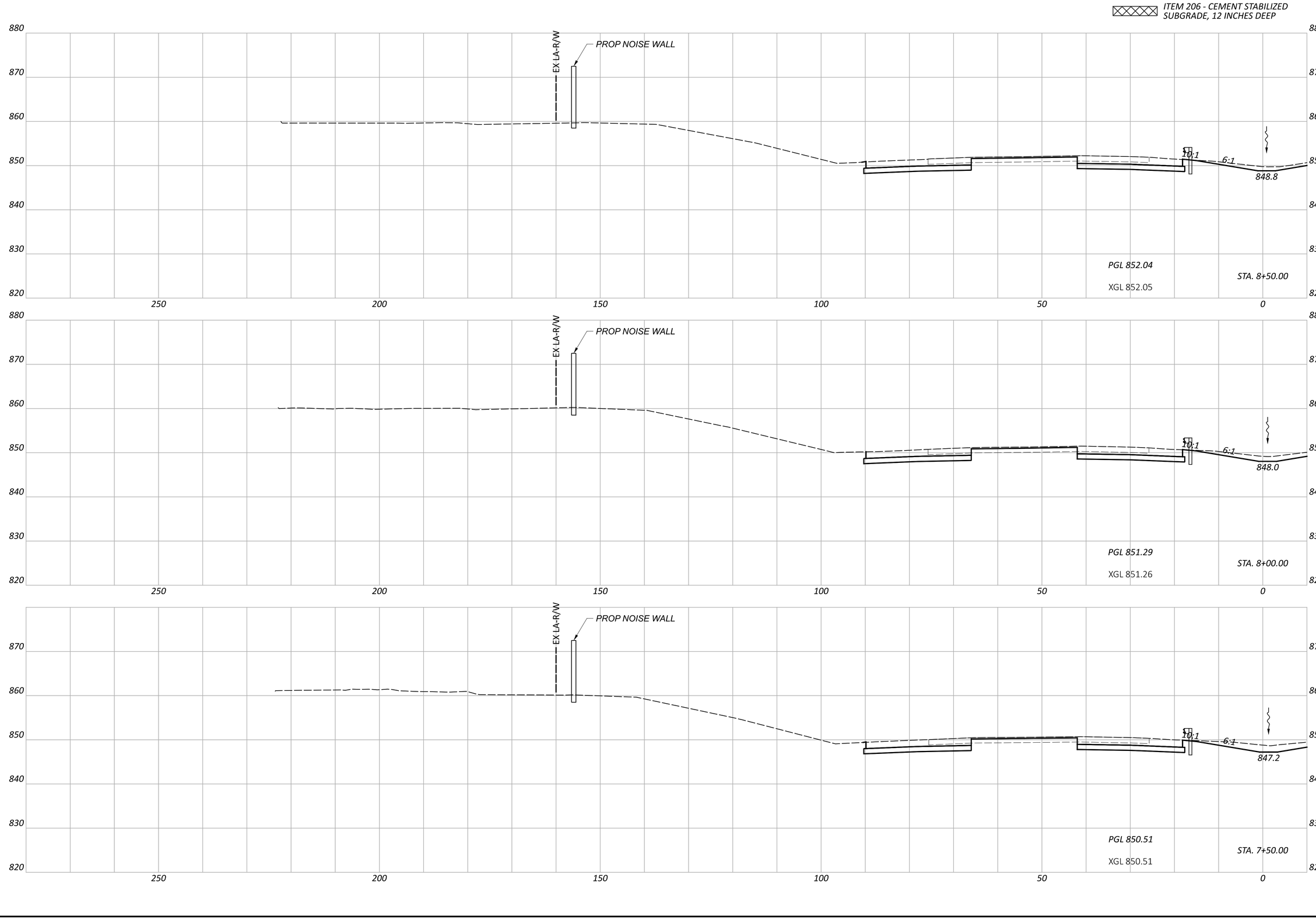

CROSS SECTIONS - IR 70 WB
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FAI/LIC-IR 70-0.00/0.29

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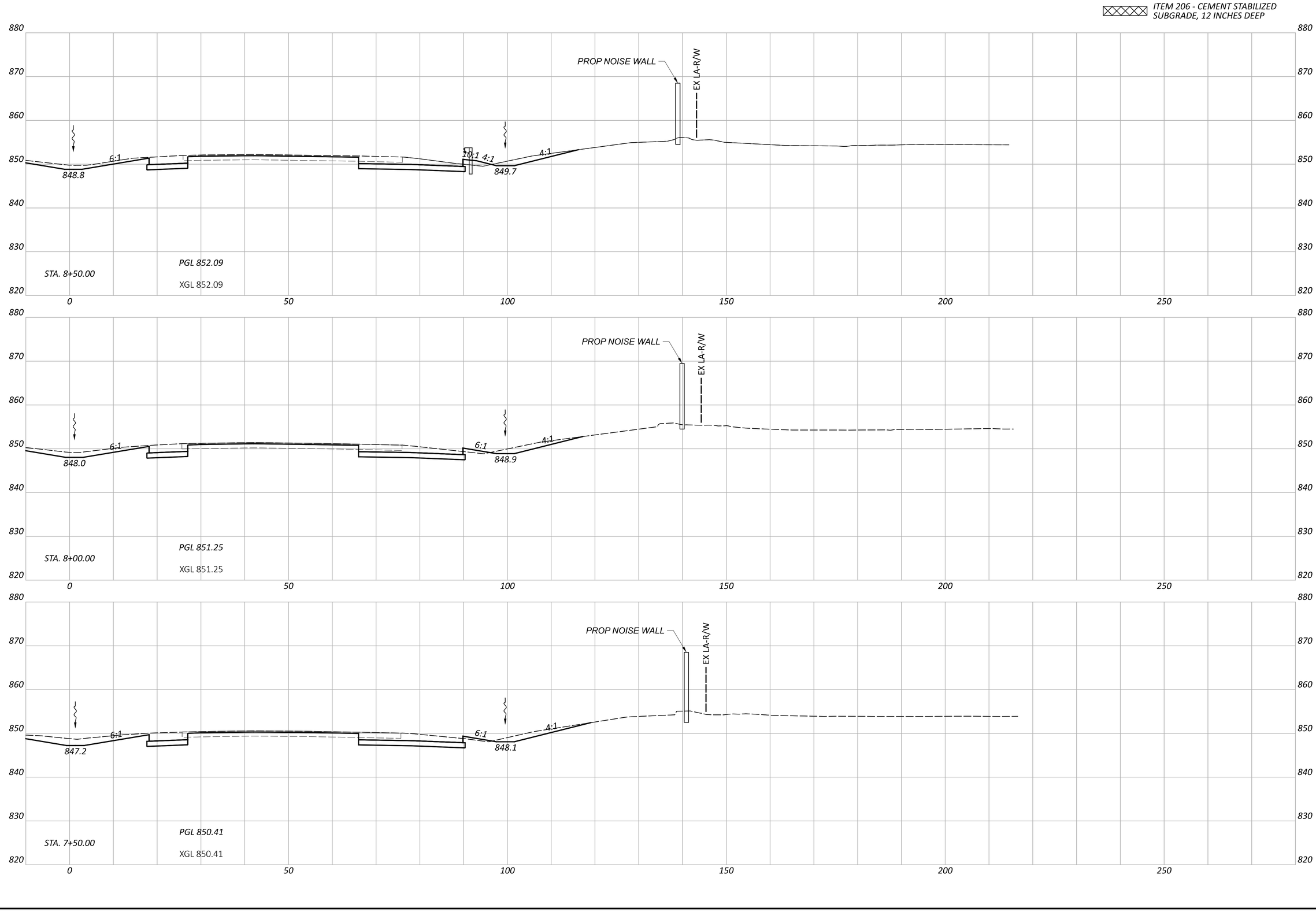
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0458 TOTAL P.2024



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FAI/LIC-IR 70-0.00/0.29

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

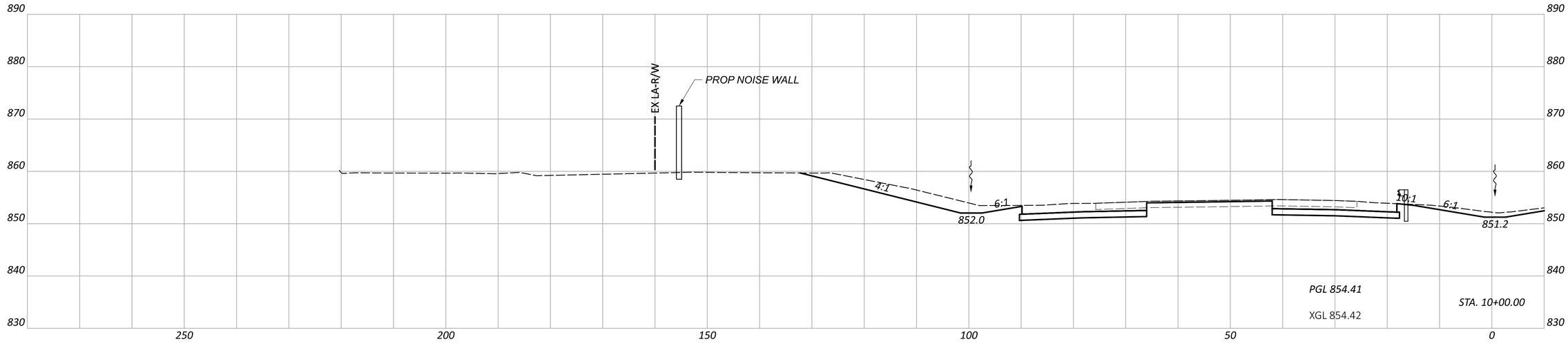
DESIGNER
BER

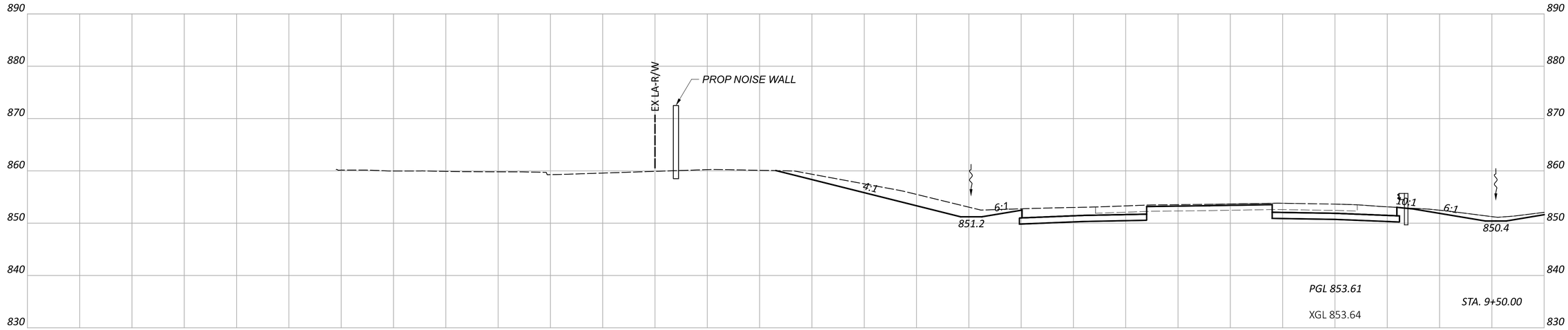
REVIEWER
KAM 08/07/26

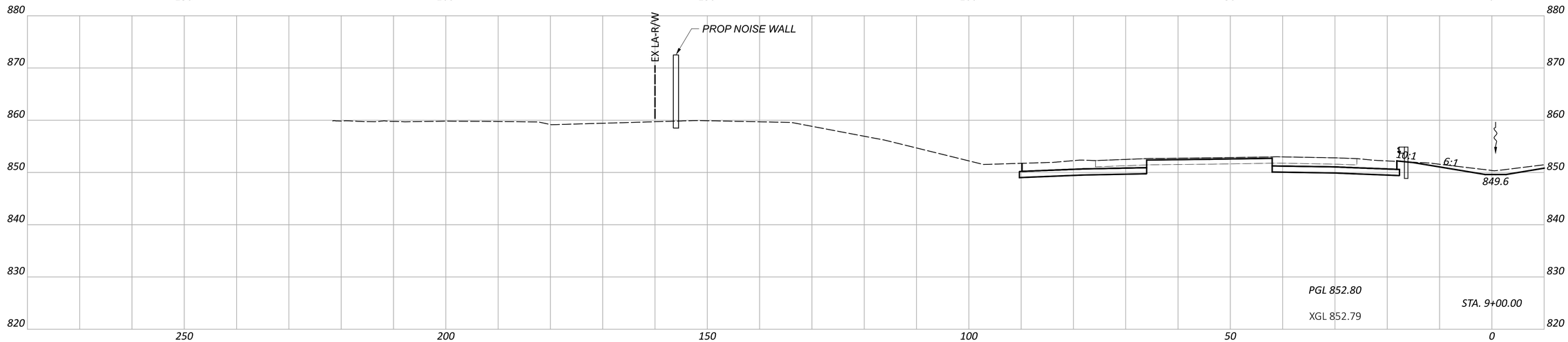
PROJECT ID
96808

SHEET P.0459 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 WB
STA. A 9+00.00 TO STA. A 10+00.00

FAI/LIC-IR 70-0.00/0.29

MODEL: CLP_I70_WB - A 9+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:50:57 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

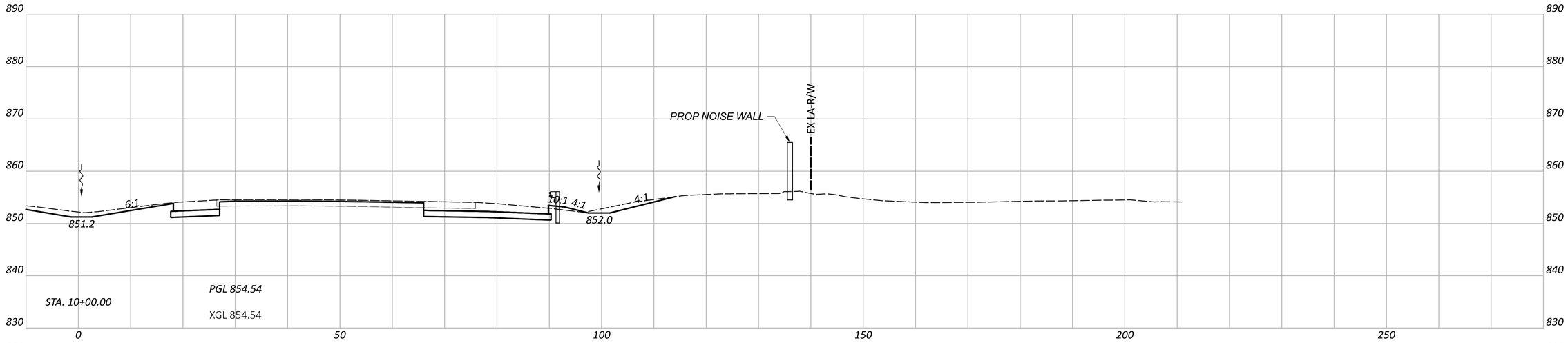
DESIGNER
BER

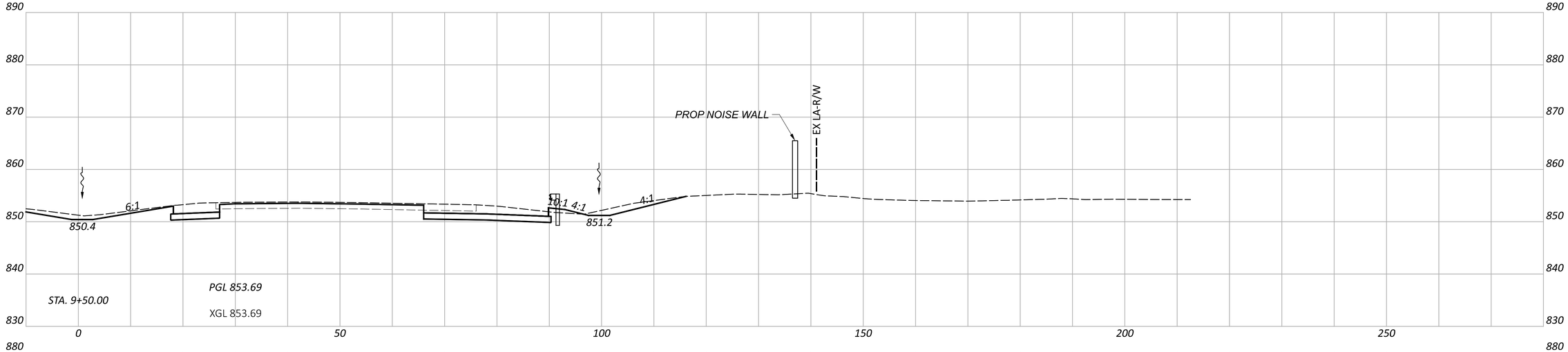
REVIEWER
KAM 08/07/26

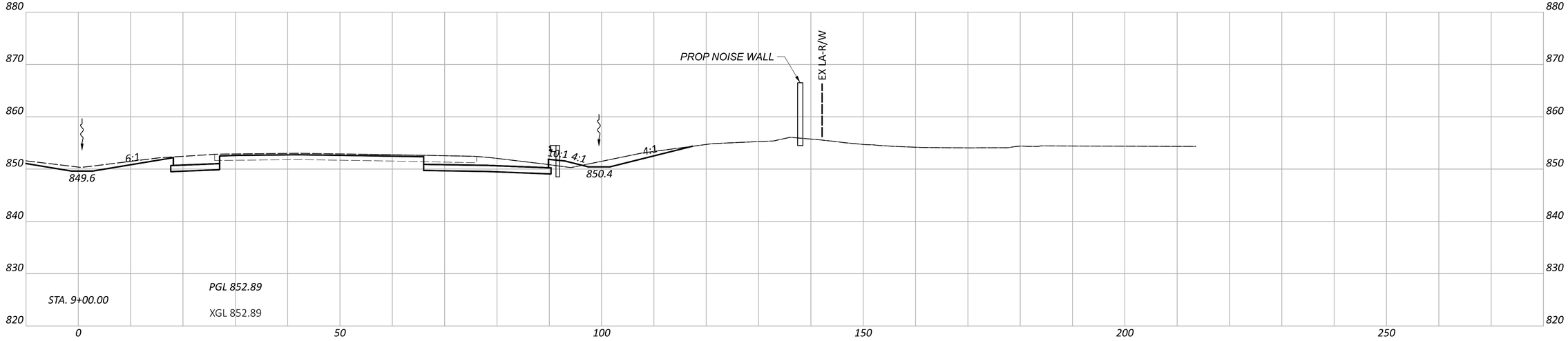
PROJECT ID
96808

SHEET P.0460 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70 EB
STA. A 9+00.00 TO STA. A 10+00.00

FAI/LIC-IR 70-0.00/0.29

MODEL: CLP_I70_EB - A 9+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:00 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

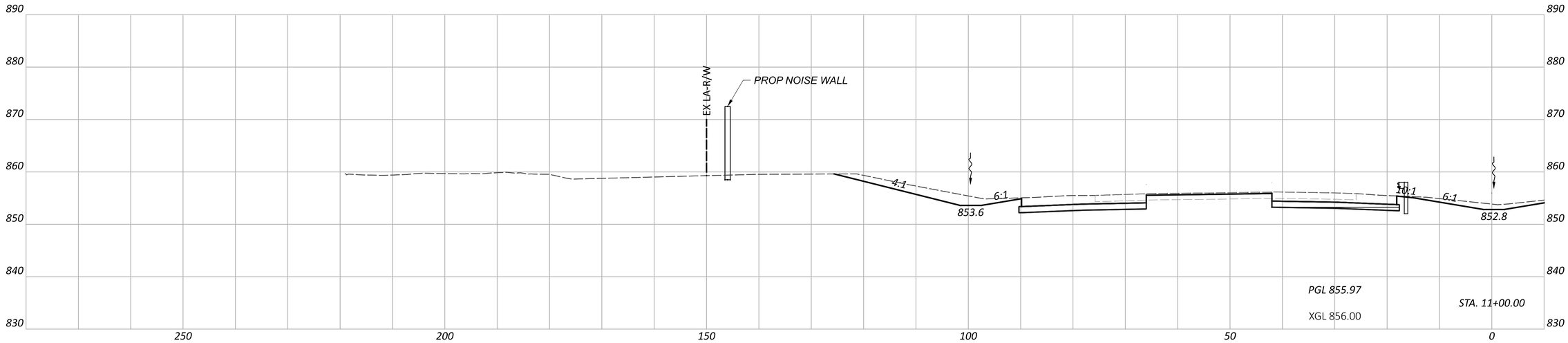
REVIEWER
KAM 08/07/26

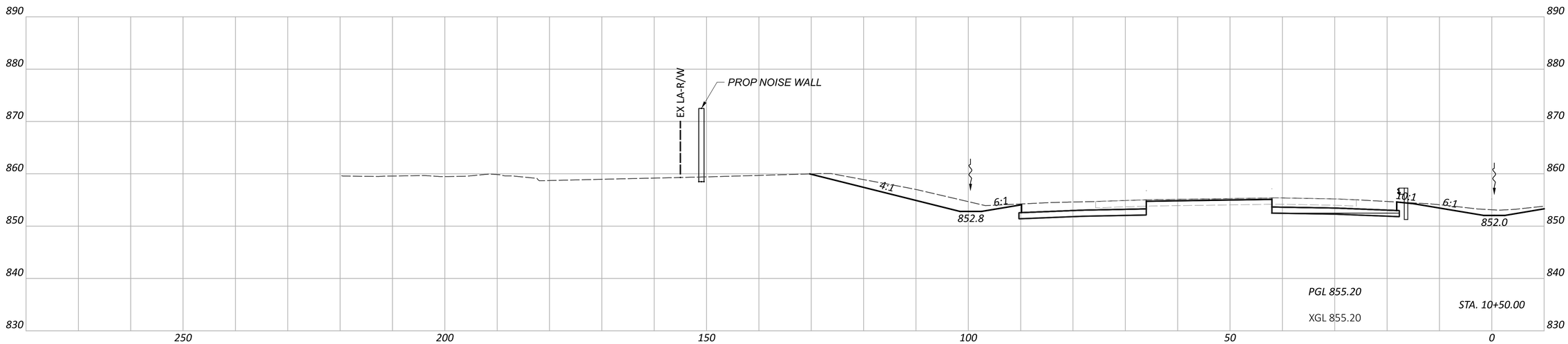
PROJECT ID
96808

SHEET P.0461 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 10+50.00 TO STA. 11+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

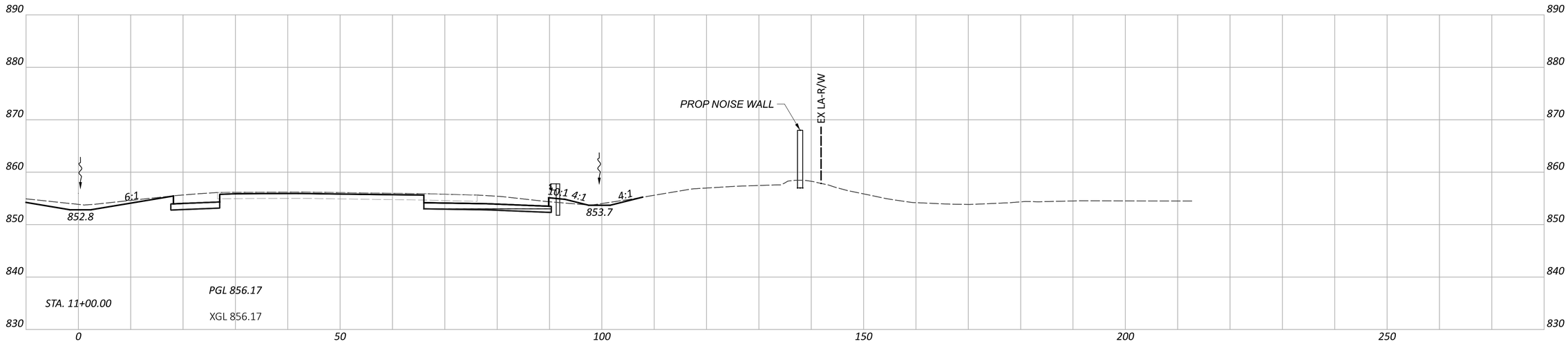
DESIGNER
BER

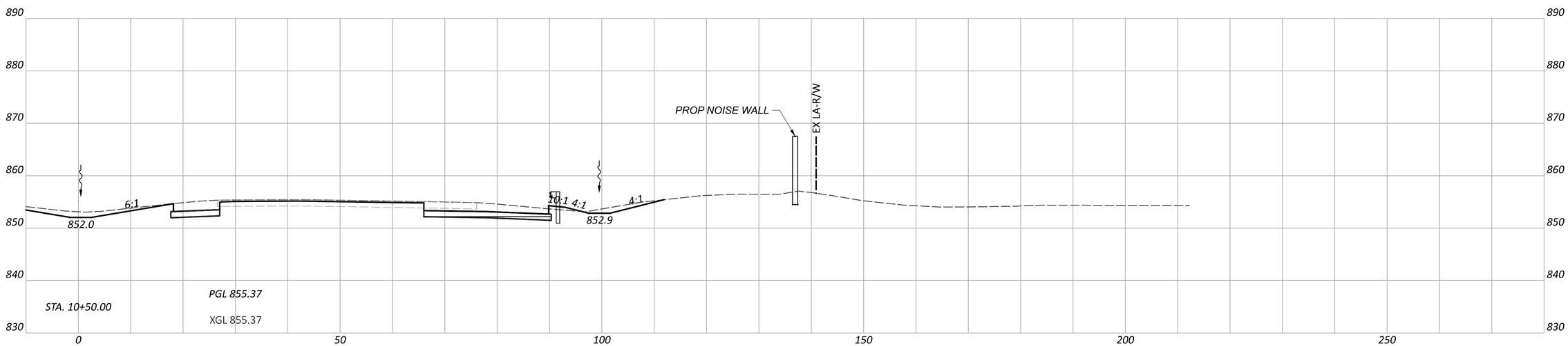
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0462 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 10+50.00 TO STA. 11+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

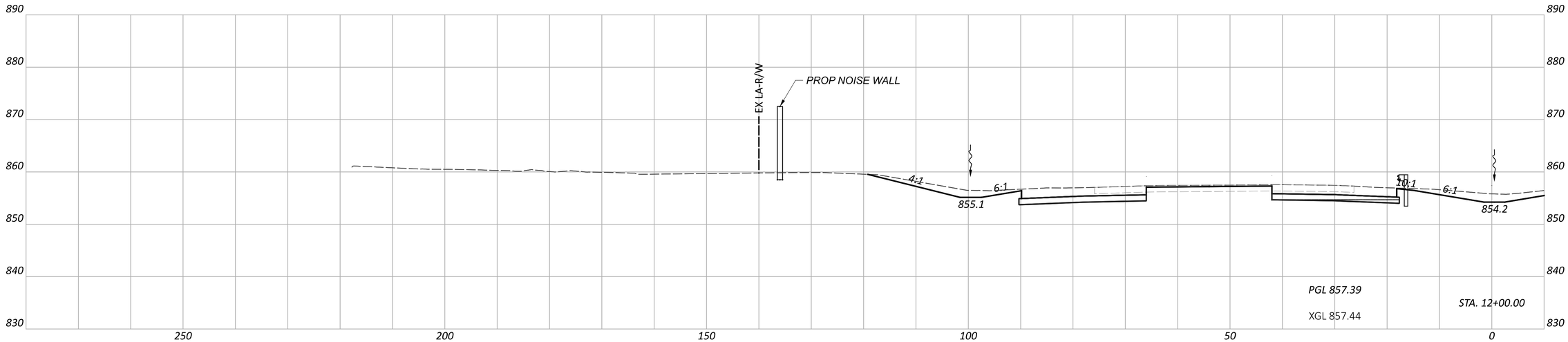
DESIGNER
BER

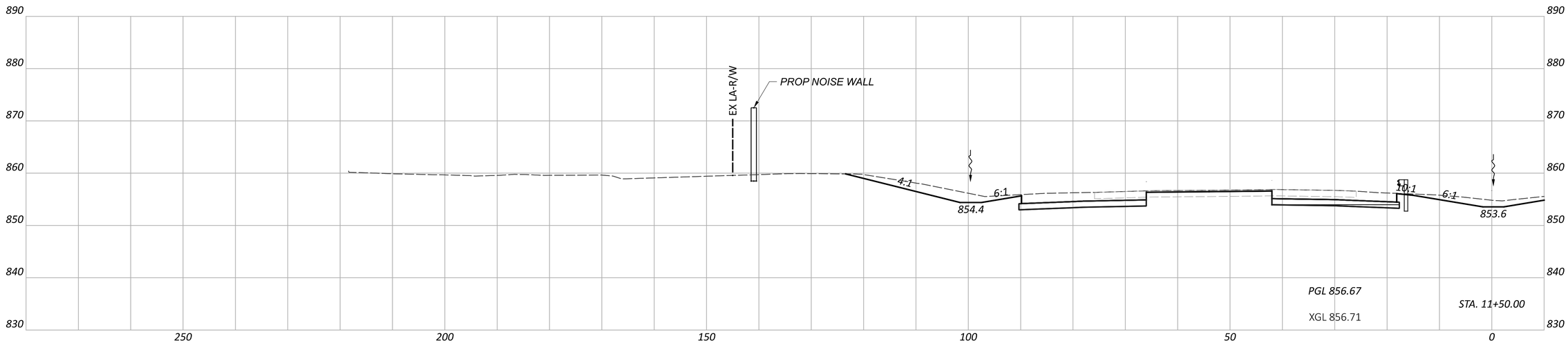
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0463 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 11+50.00 TO STA. 12+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 11+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:26 AM USER: brieder
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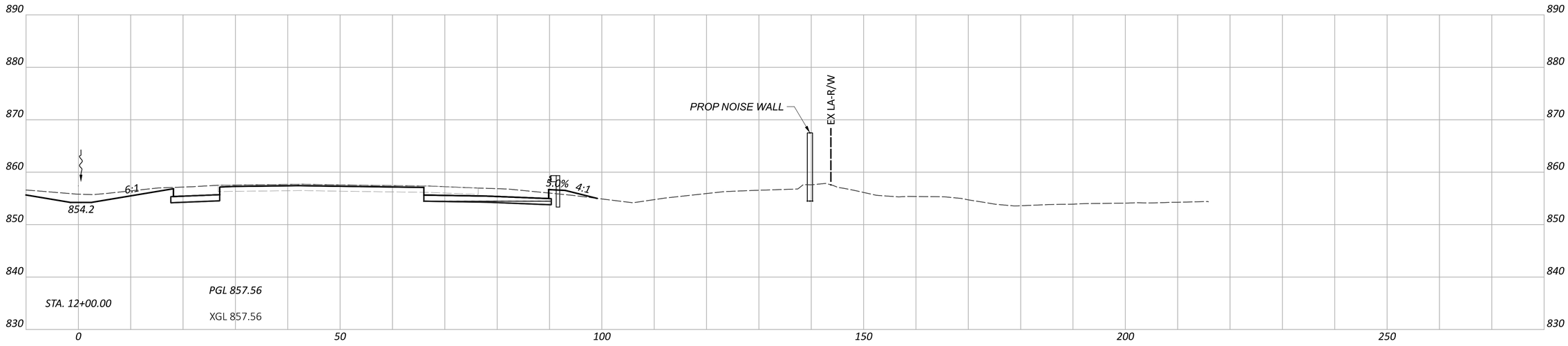
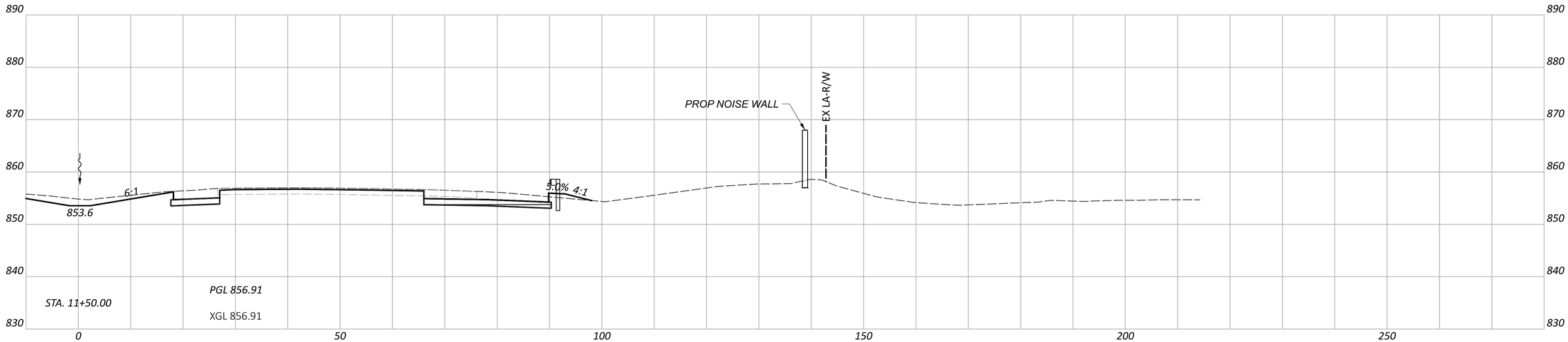
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0464
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 11+50.00 TO STA. 12+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

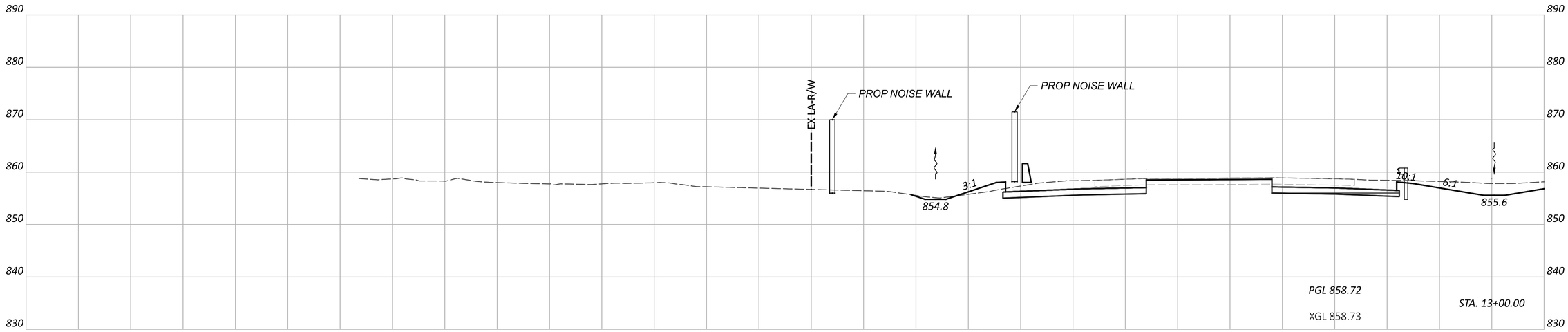
DESIGNER
BER

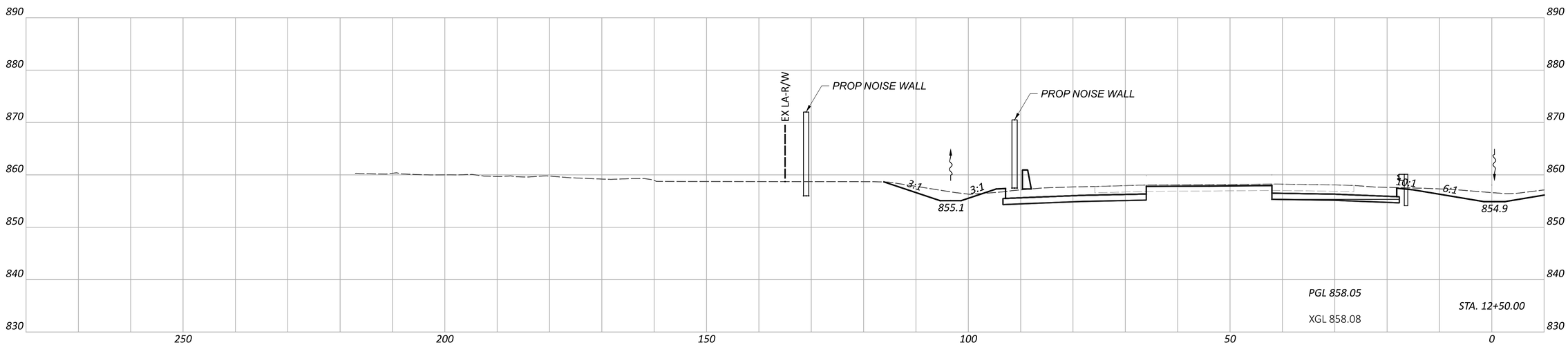
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0465 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 12+50.00 TO STA. 13+00.00

FAI/LIC-IR 70-0.00/0.00

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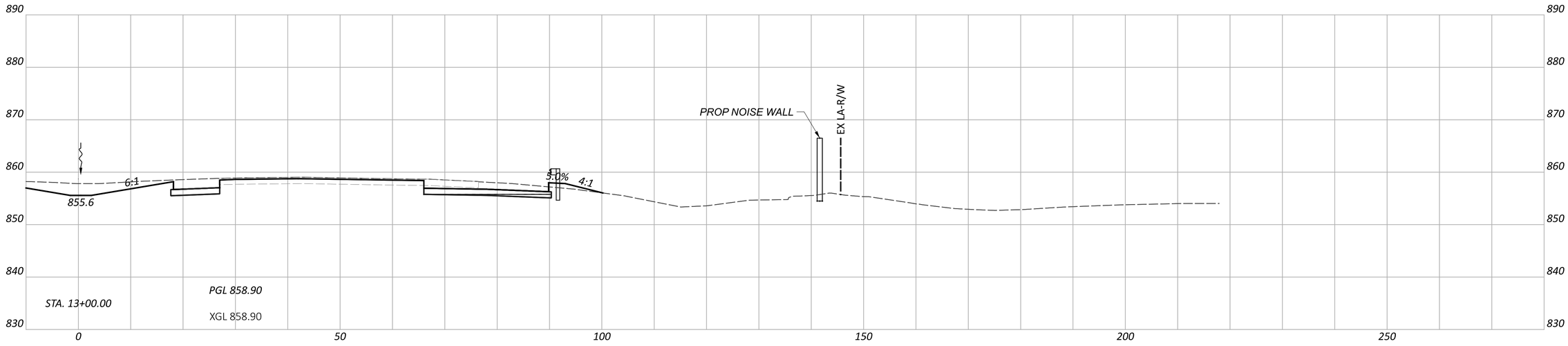
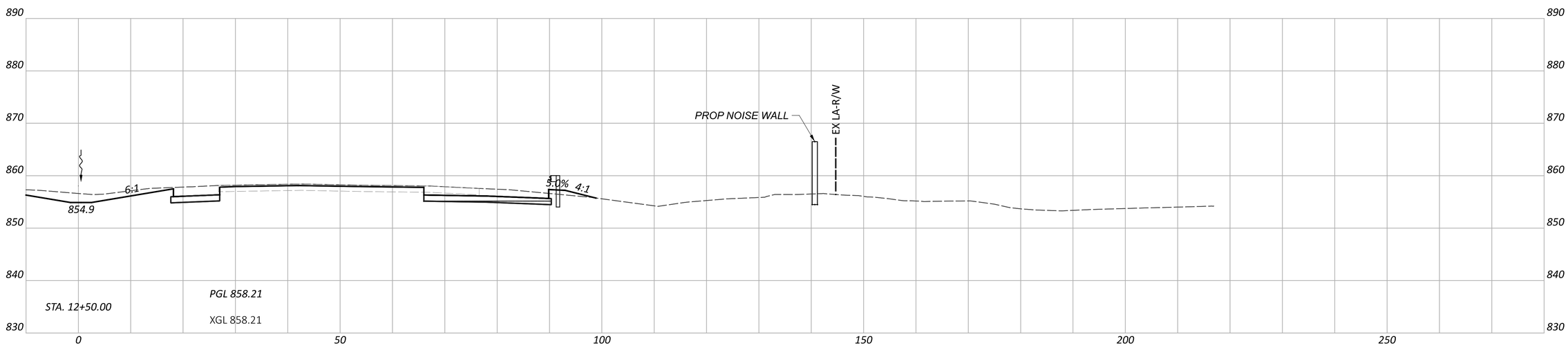
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0466 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 12+50.00 TO STA. 13+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 12+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:34 AM USER: brieder
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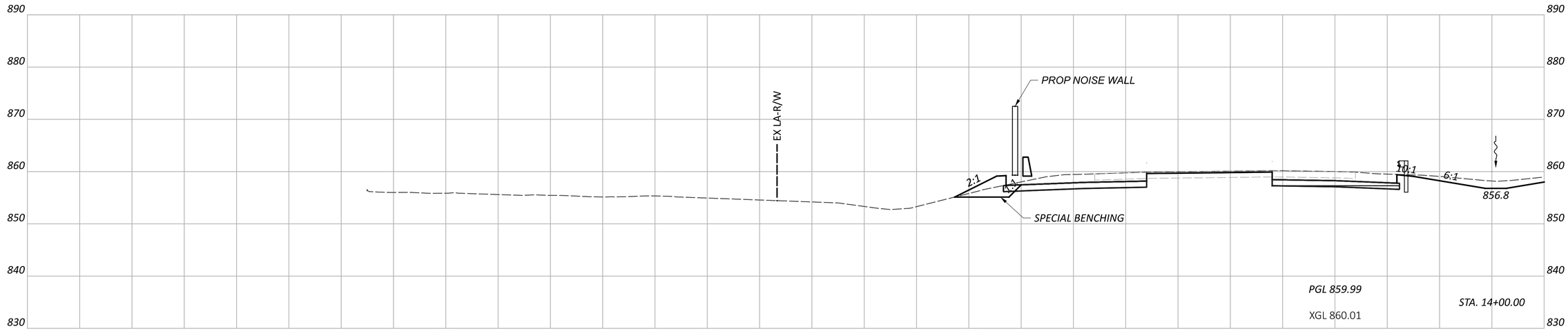
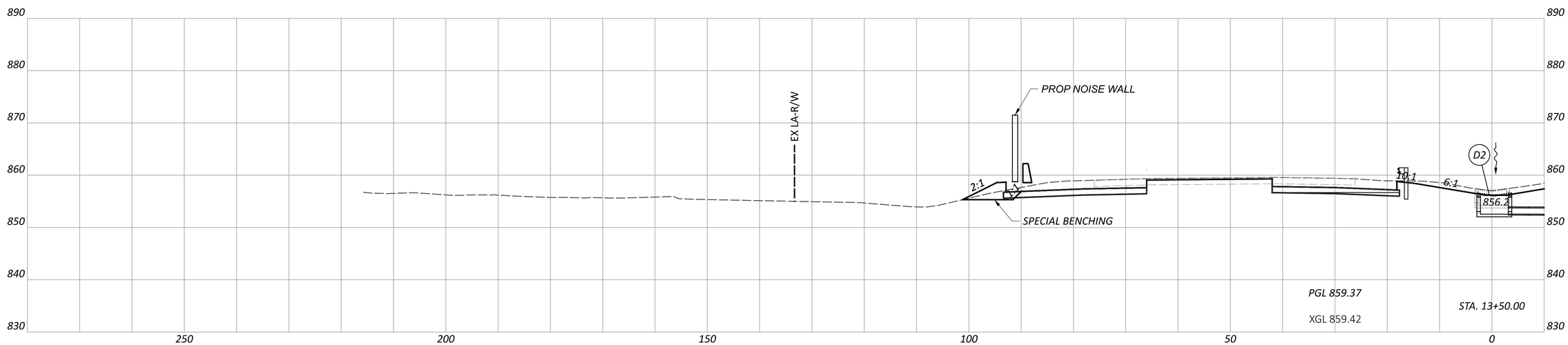
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0467
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 13+50.00 TO STA. 14+00.00

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0468
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:37 AM USER: brieder
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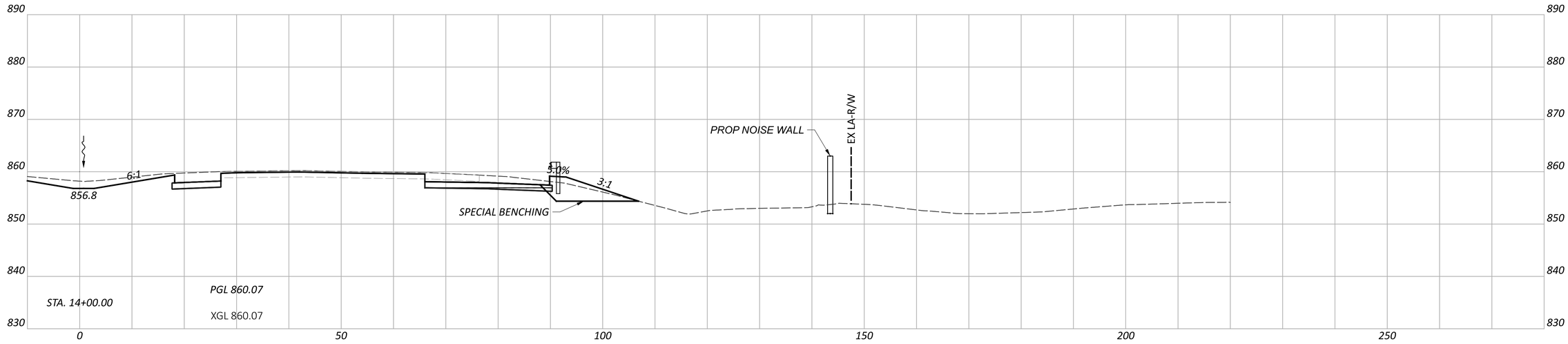
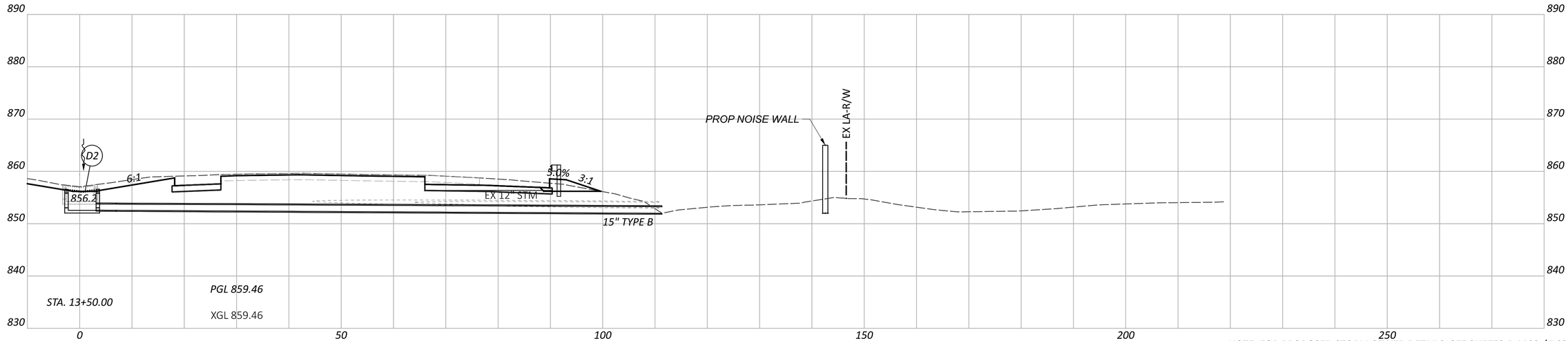
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 13+50.00 TO STA. 14+00.00

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0469
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:41 AM USER: brieder
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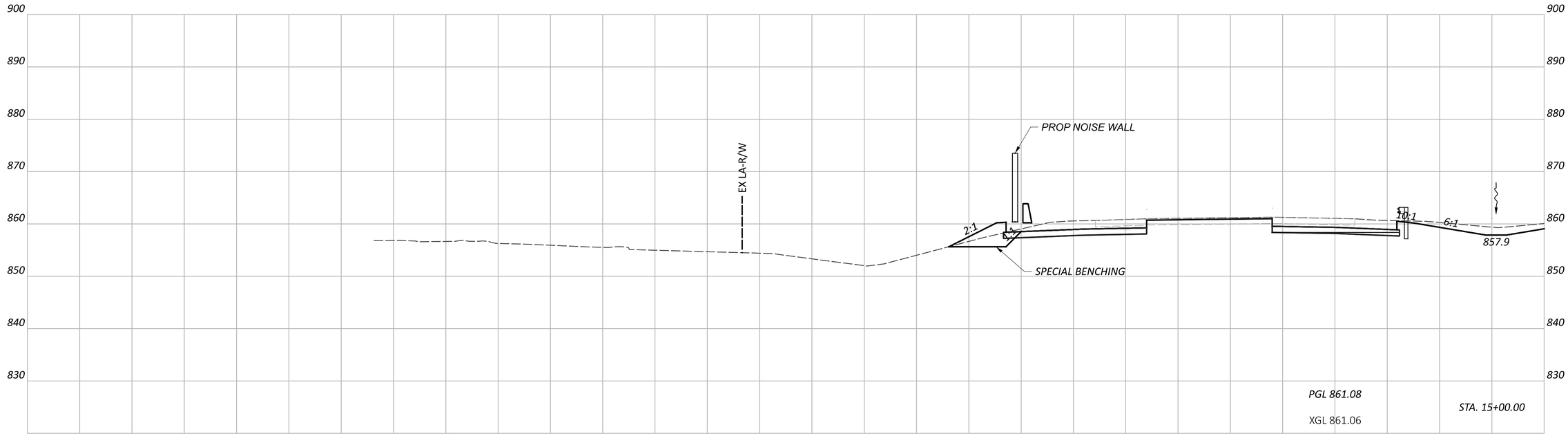
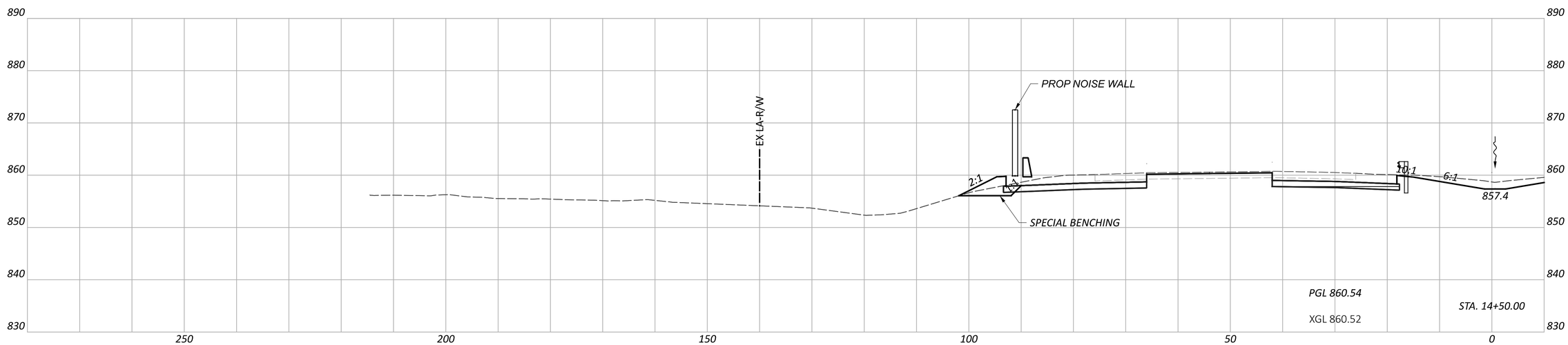
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 14+50.00 TO STA. 15+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0470
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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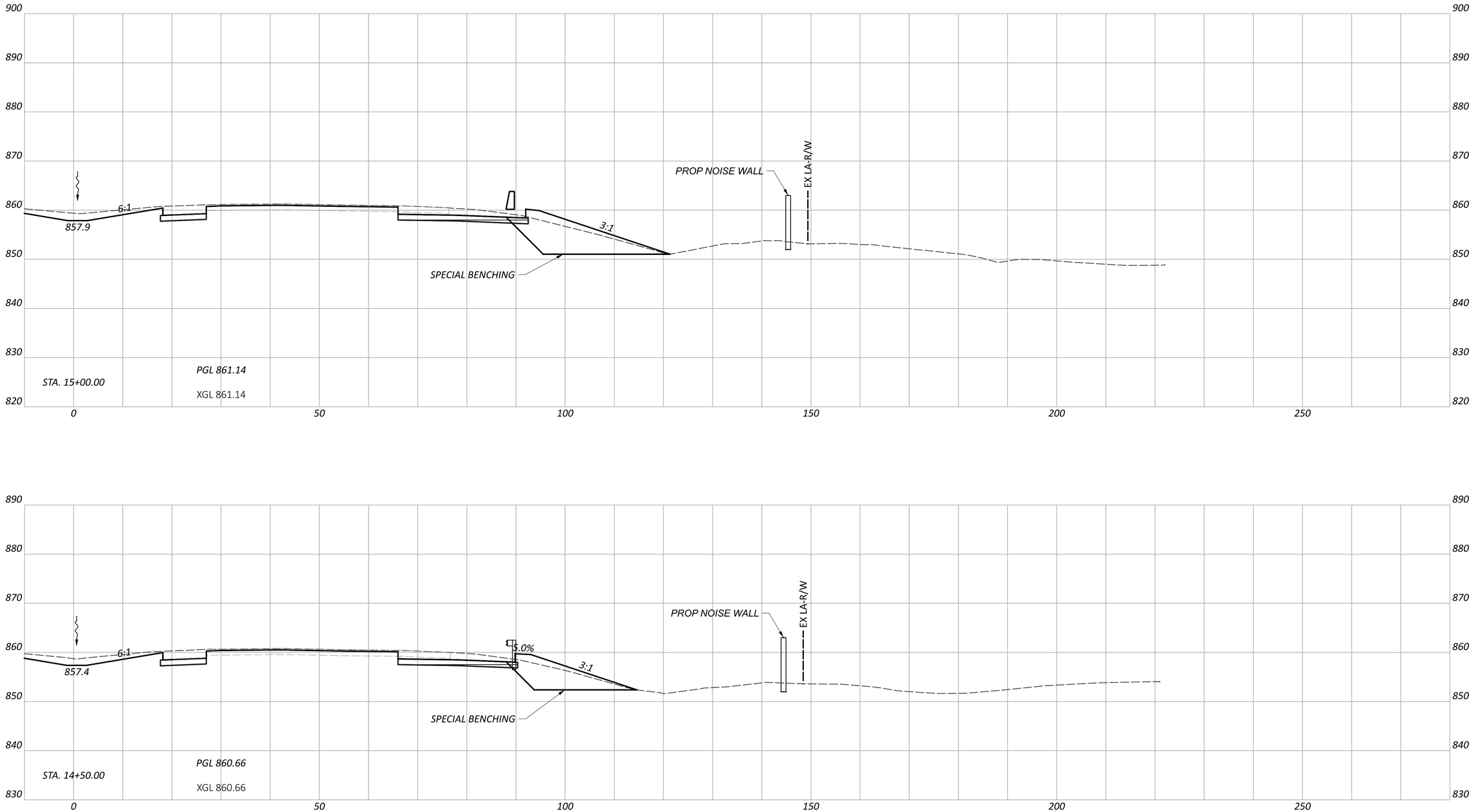
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 14+50.00 TO STA. 15+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 14+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:46 AM USER: brieder
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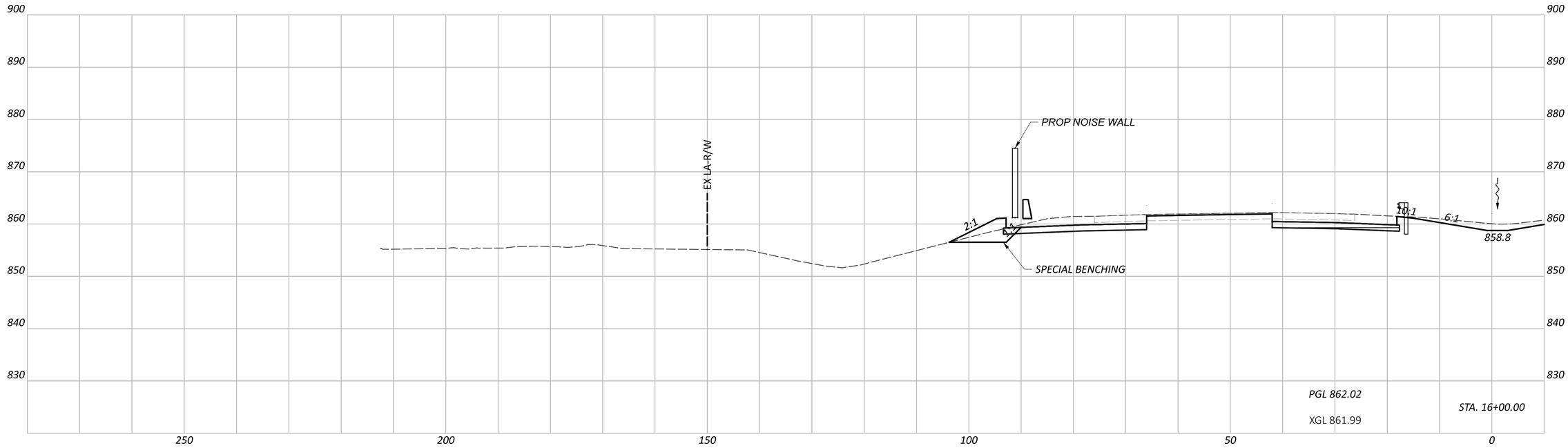
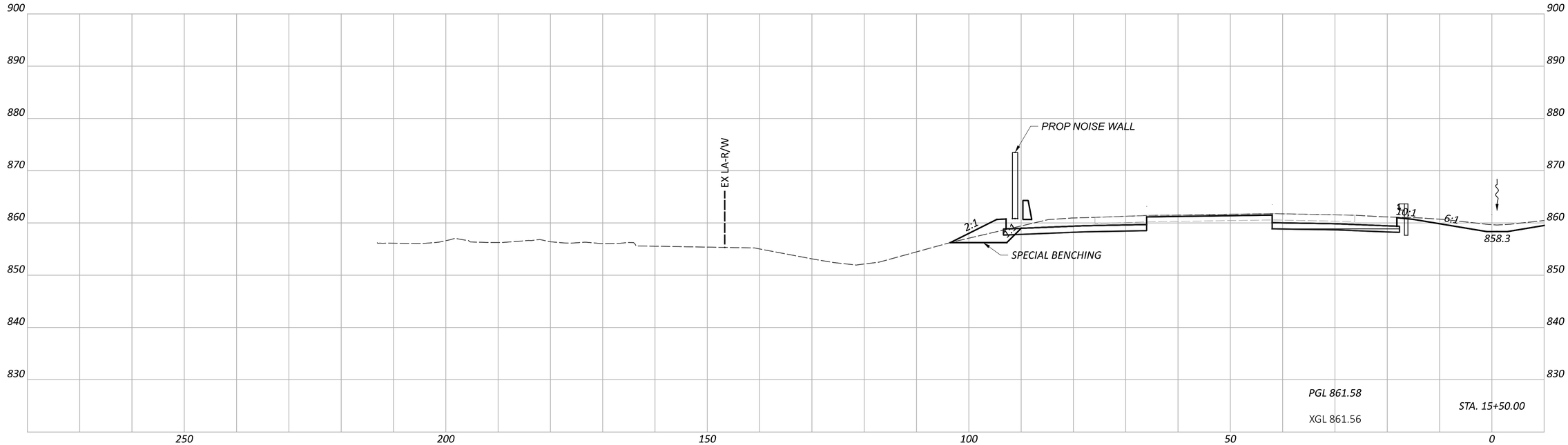
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0471
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 15+50.00 TO STA. 16+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 15+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:49 AM USER: brieder
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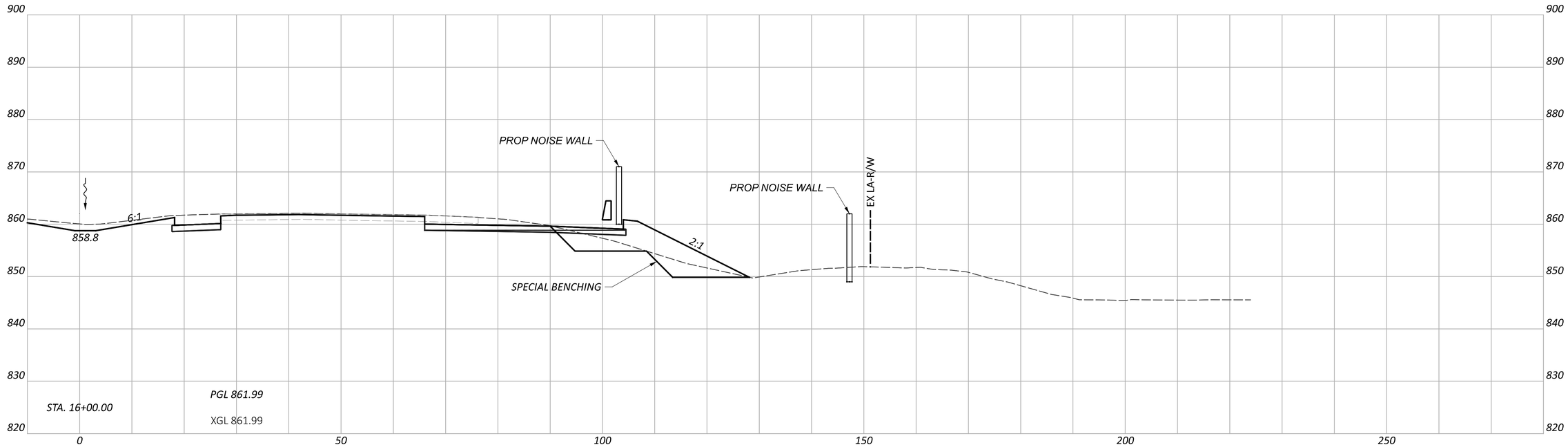
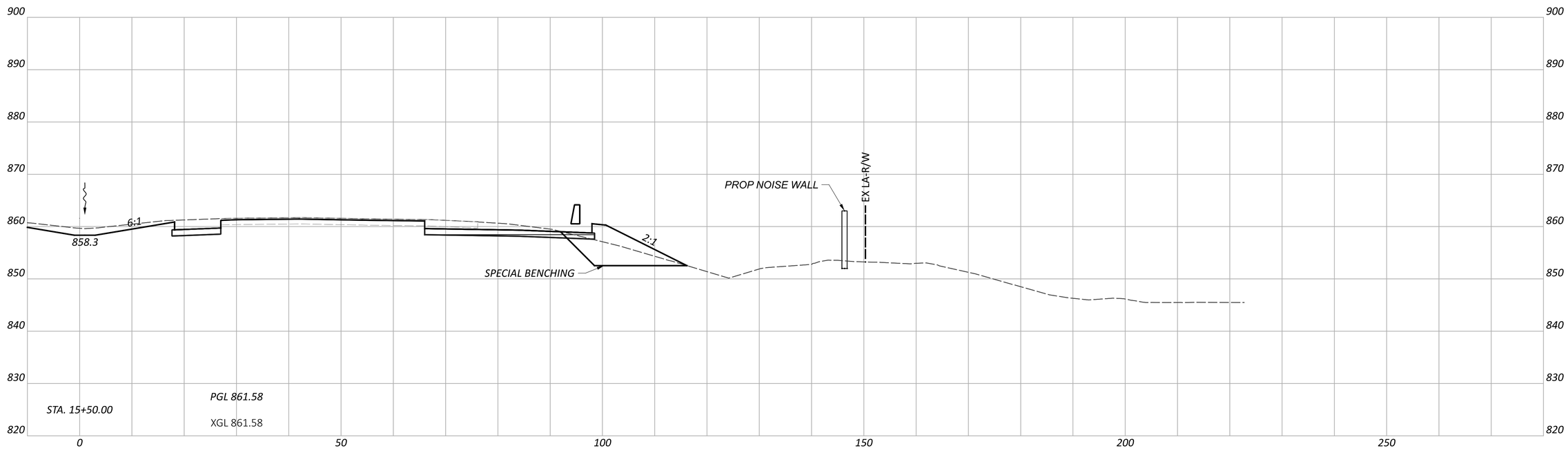
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0472
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 15+50.00 TO STA. 16+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

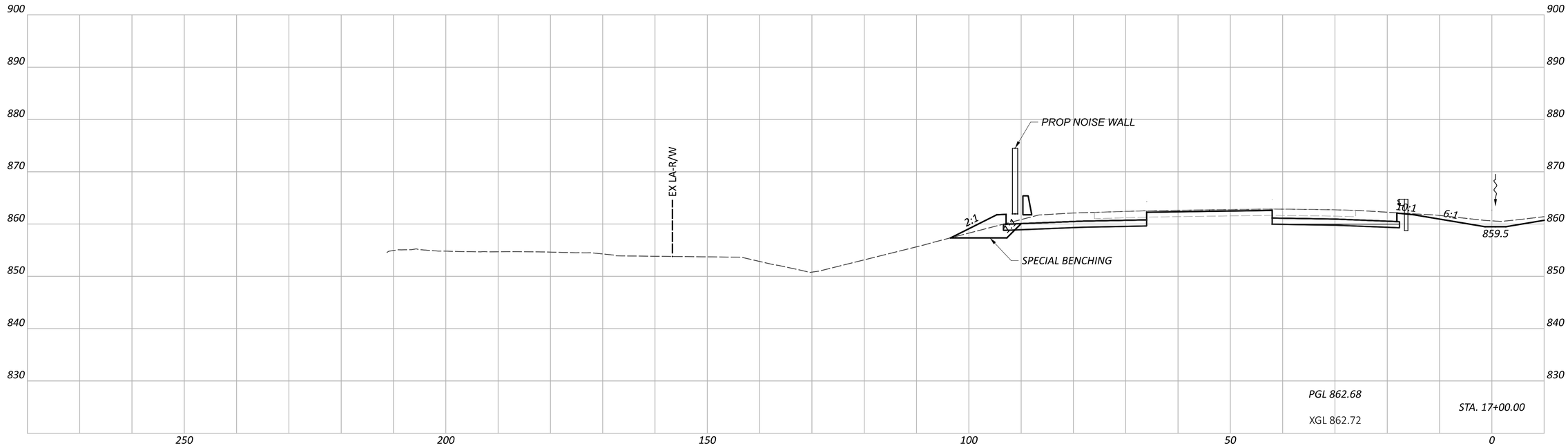
DESIGNER
BER

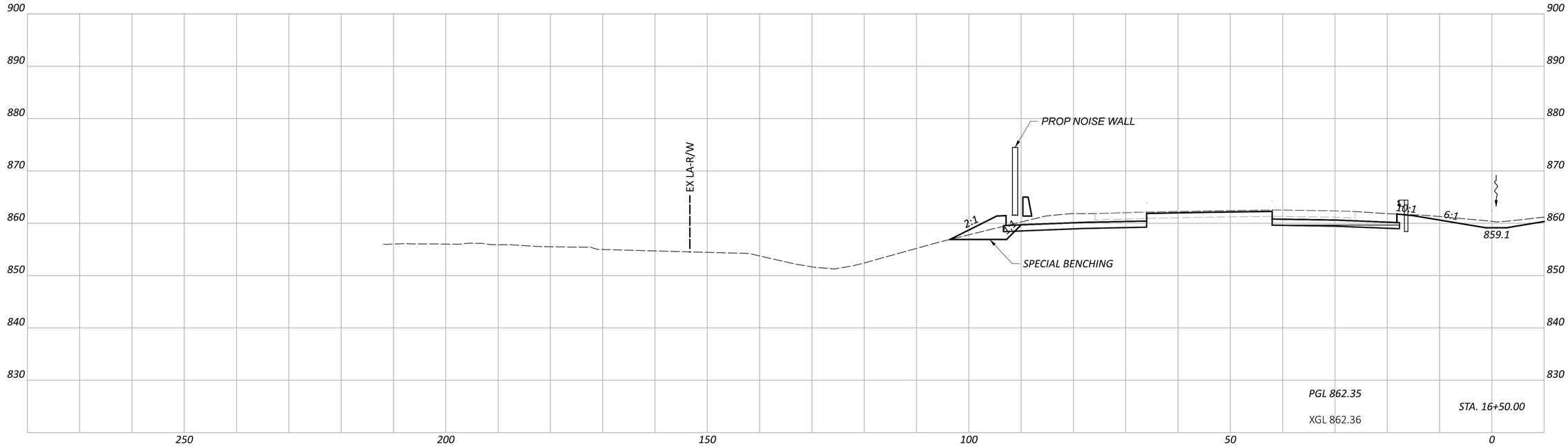
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0473 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 16+50.00 TO STA. 17+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 16+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:54 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

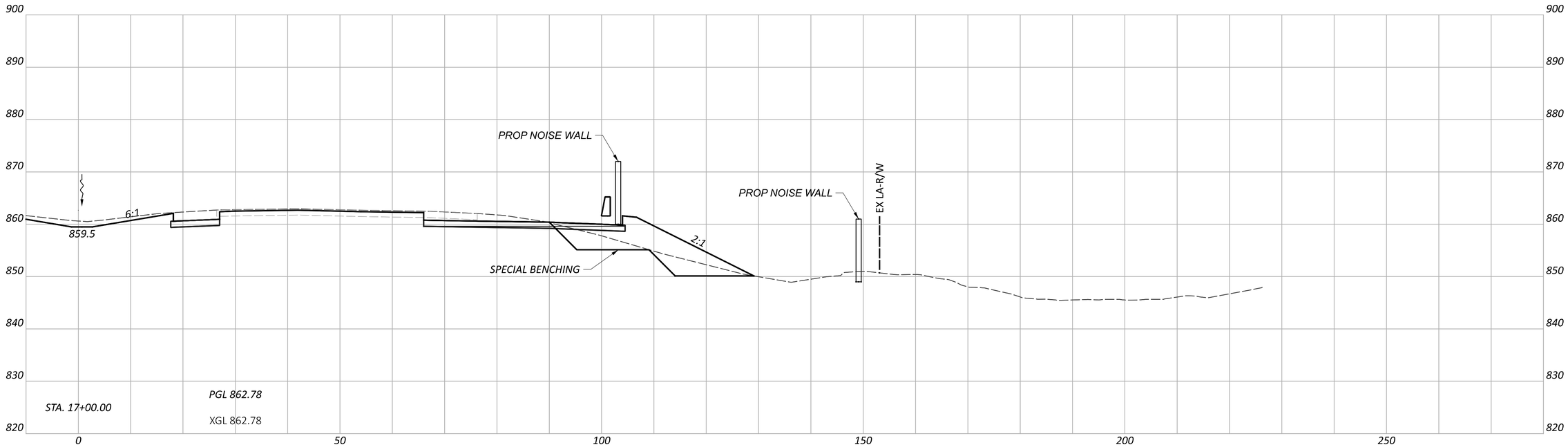
DESIGNER
BER

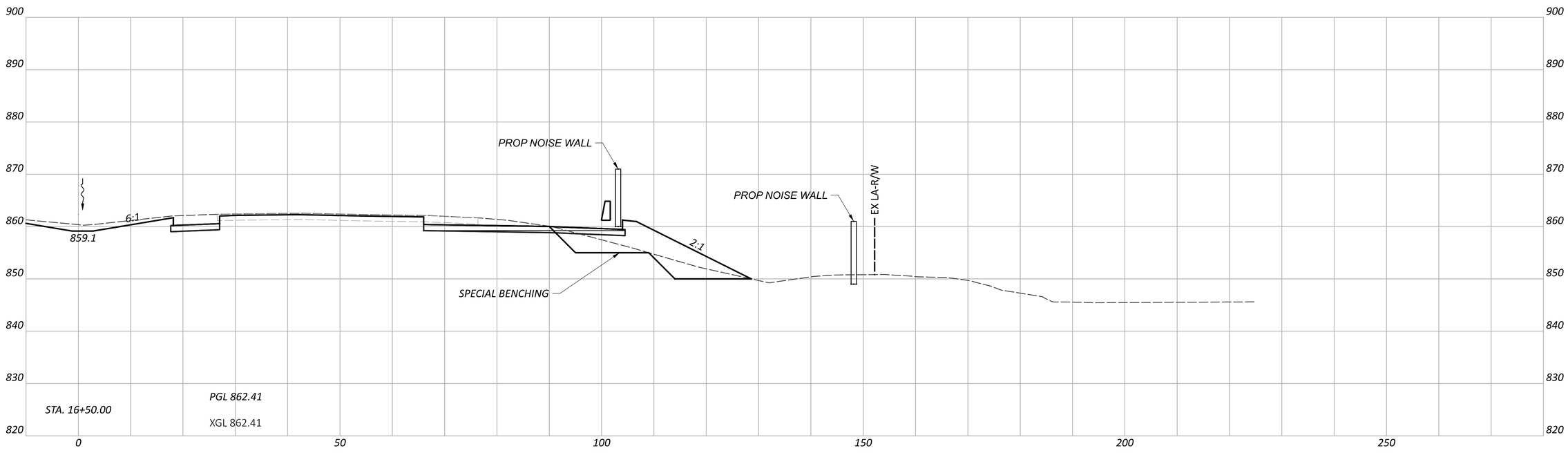
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0474 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 16+50.00 TO STA. 17+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 16+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:57 AM USER: brieder
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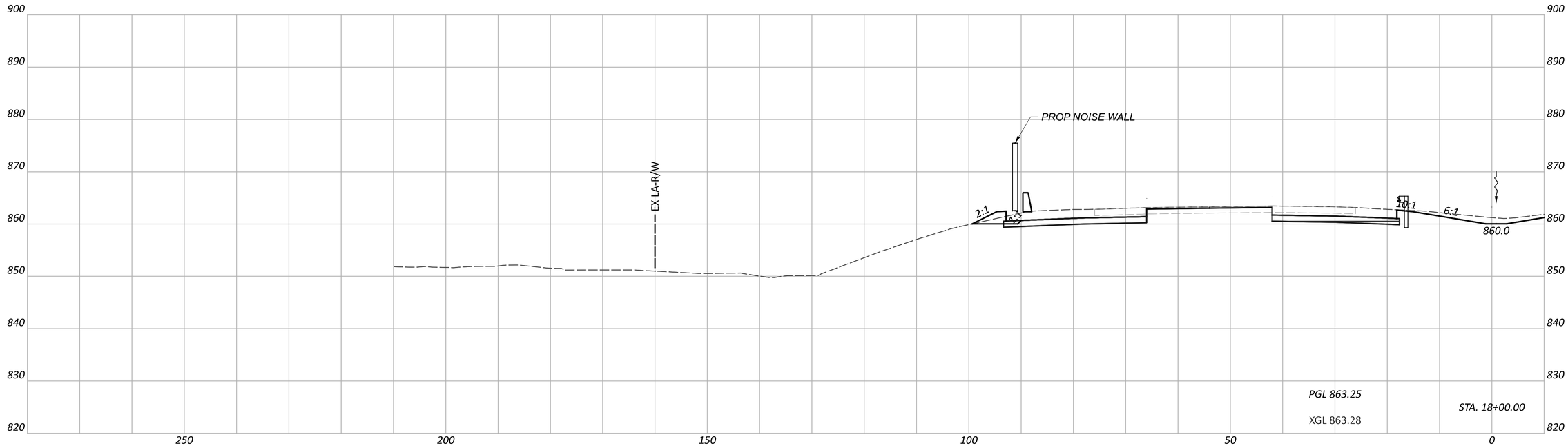
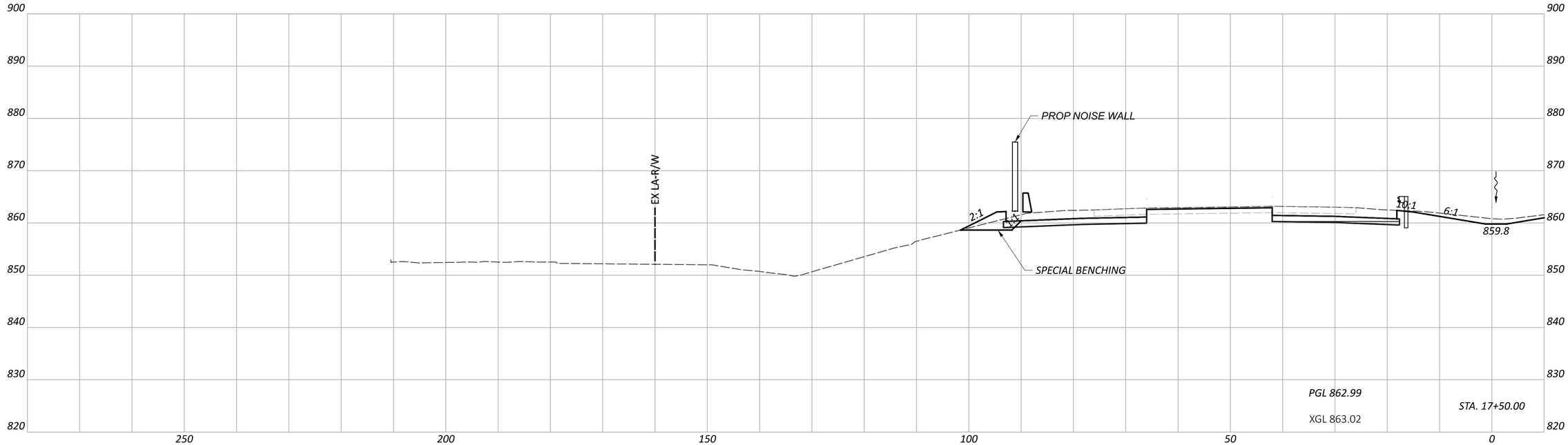
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0475
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 17+50.00 TO STA. 18+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 17+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:51:59 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

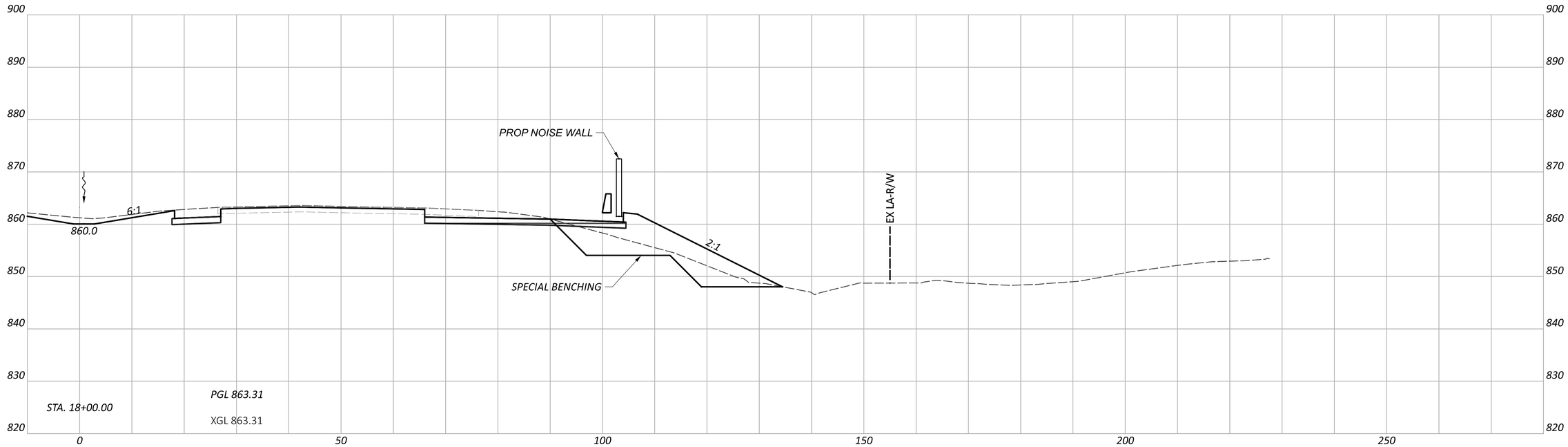
DESIGNER
BER

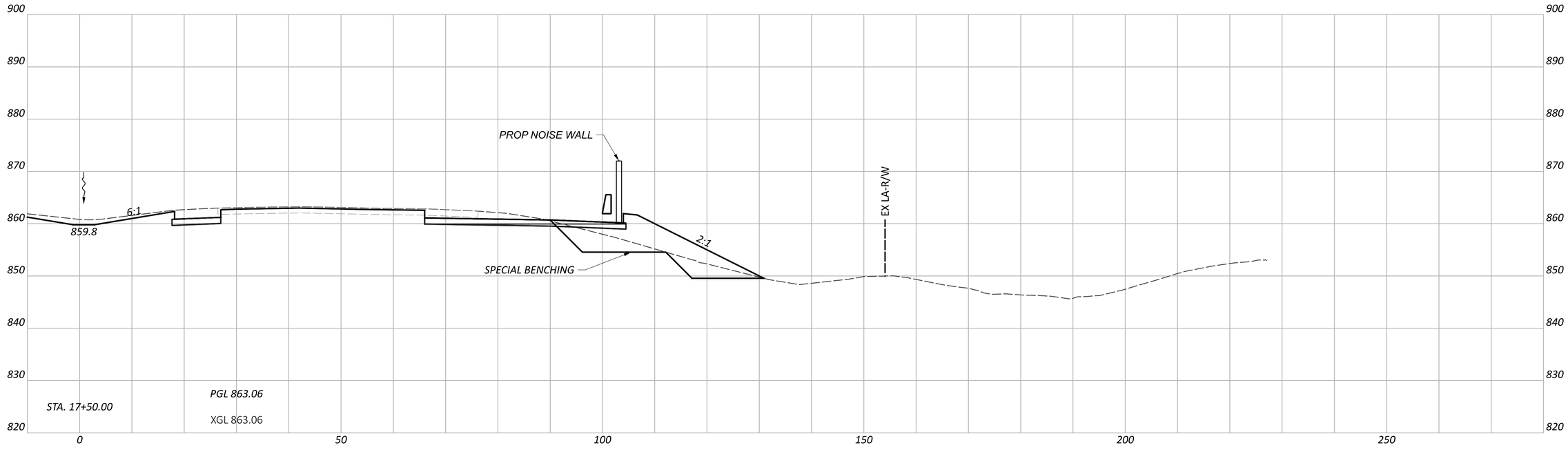
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0476 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 17+50.00 TO STA. 18+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 17+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:02 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

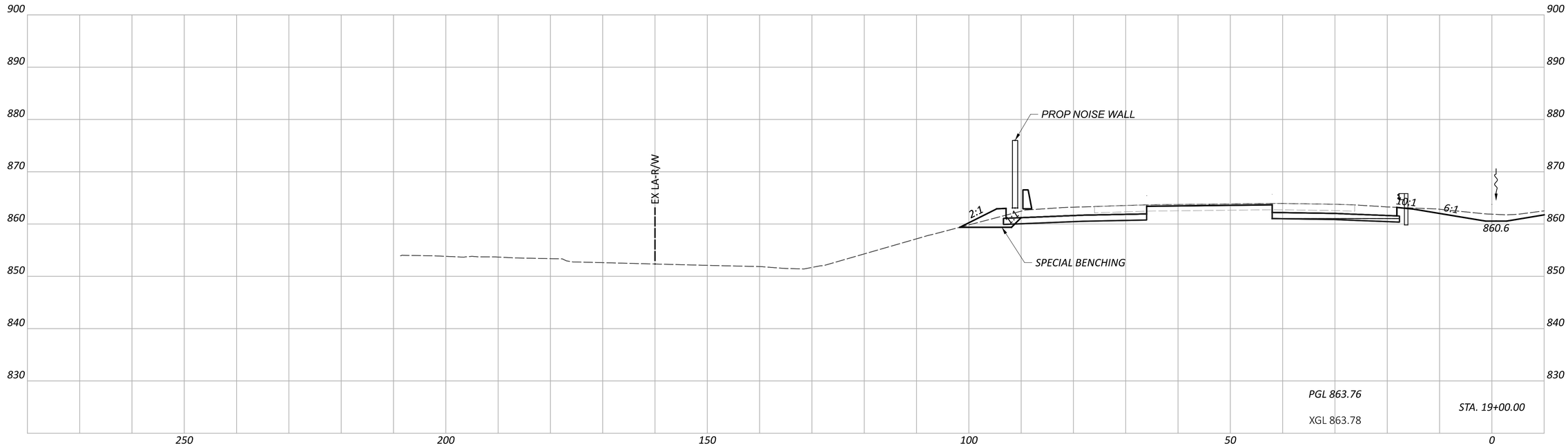
DESIGNER
BER

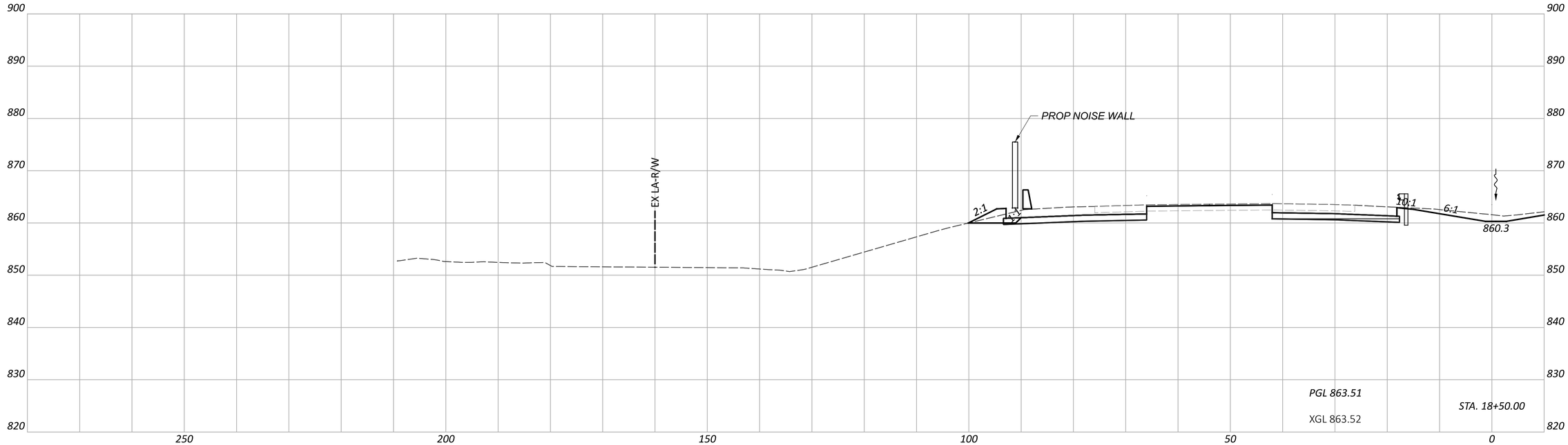
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0477 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 18+50.00 TO STA. 19+00.00

FAI/LIC-IR 70-0.00/0.00

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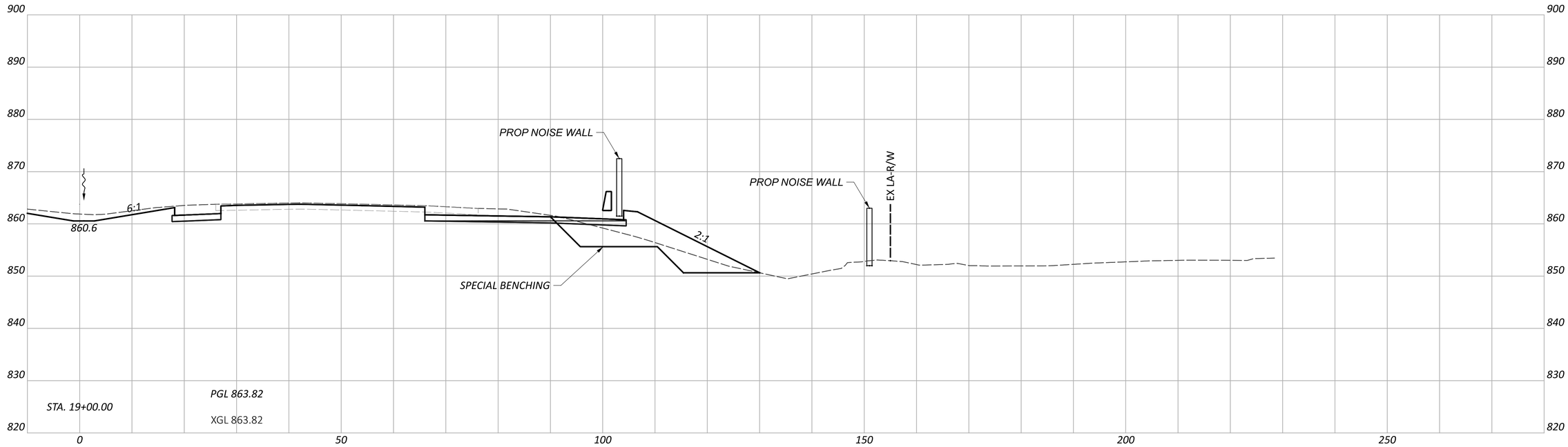
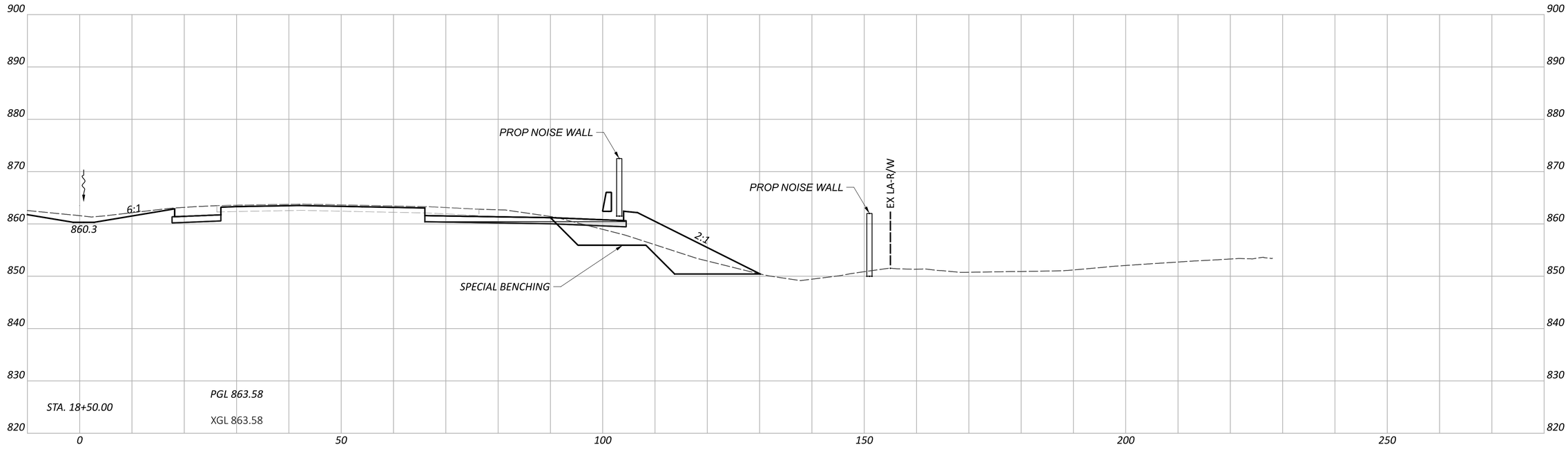
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0478
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 18+50.00 TO STA. 19+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

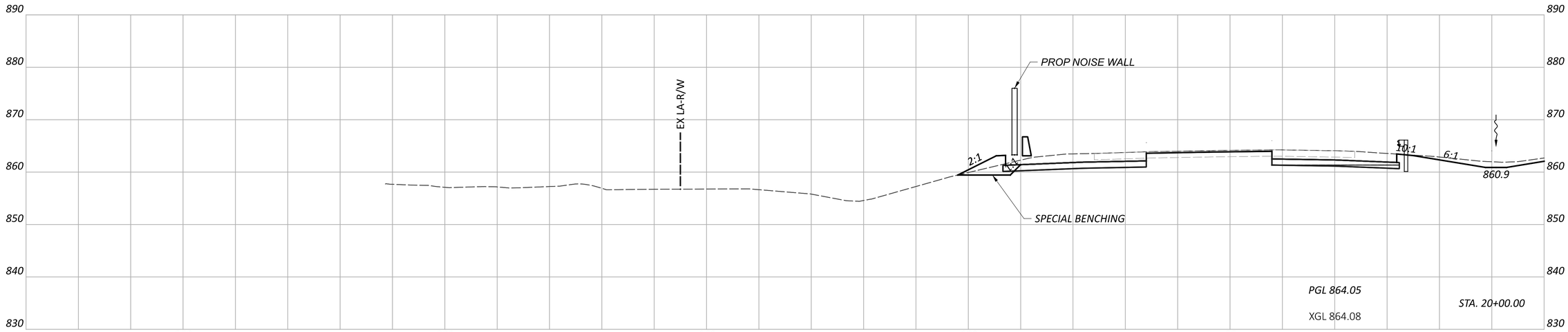
DESIGNER
BER

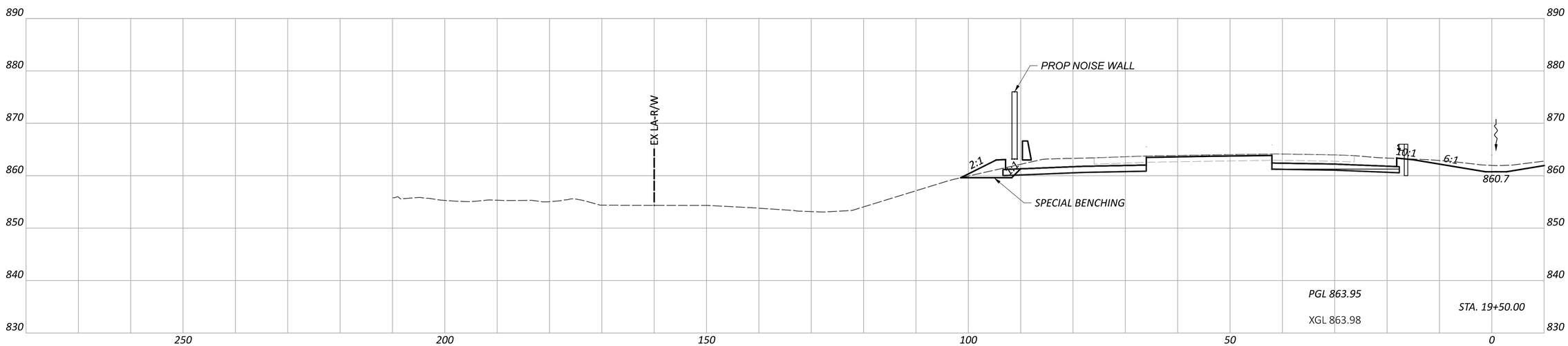
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0479 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 19+50.00 TO STA. 20+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 19+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:10 AM USER: brieder
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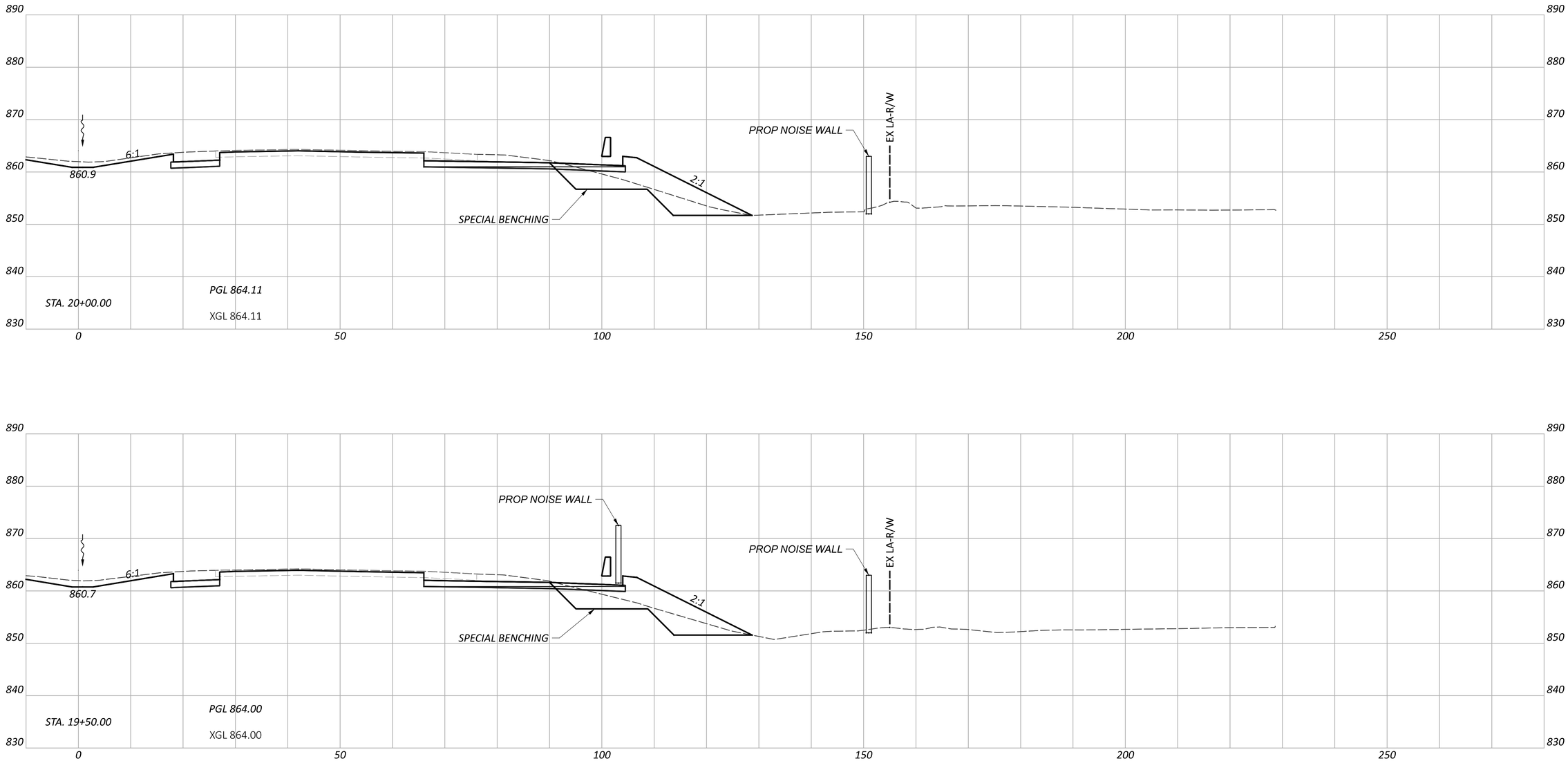
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0480
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 19+50.00 TO STA. 20+00.00

FAI/LIC-IR 70-0.00/0.00

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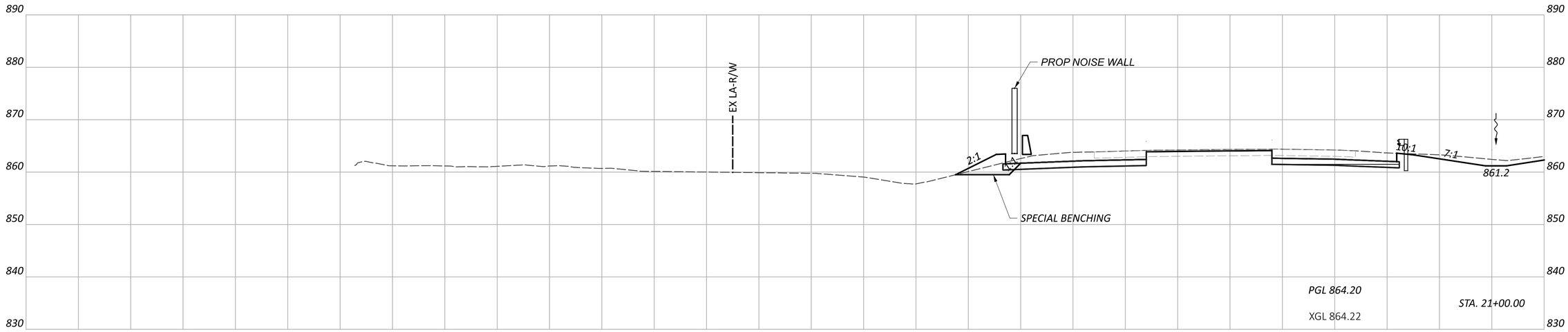
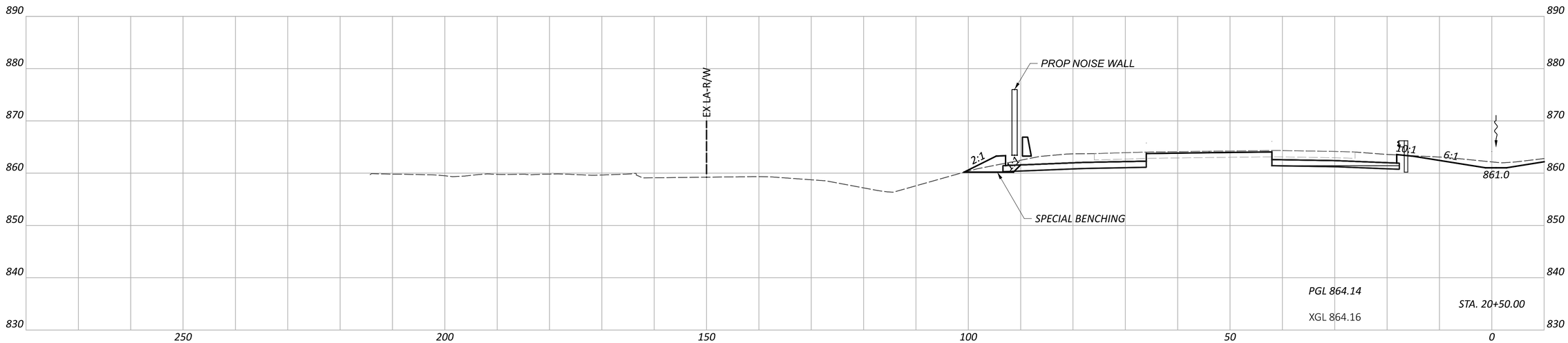
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0481
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 20+50.00 TO STA. 21+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 20+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:15 AM USER: brieder
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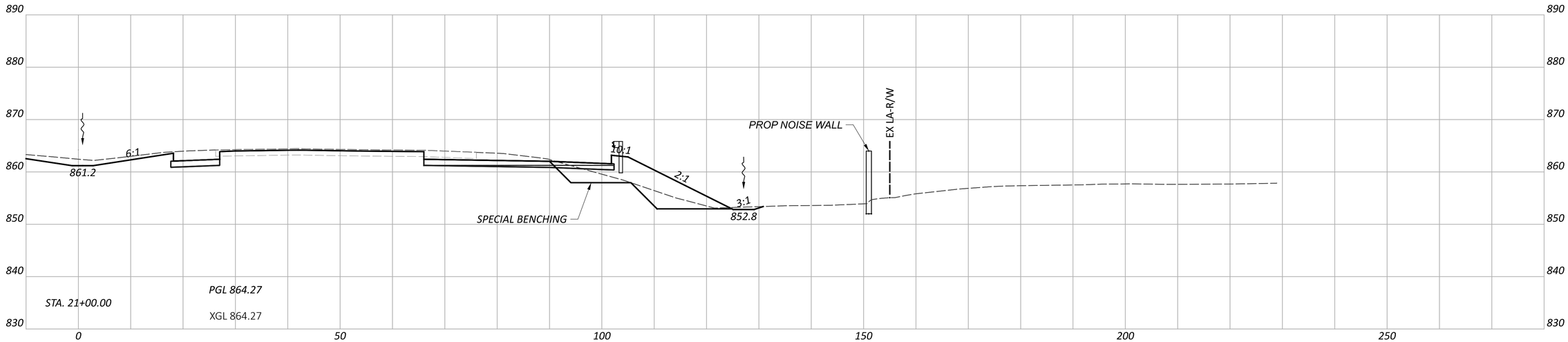
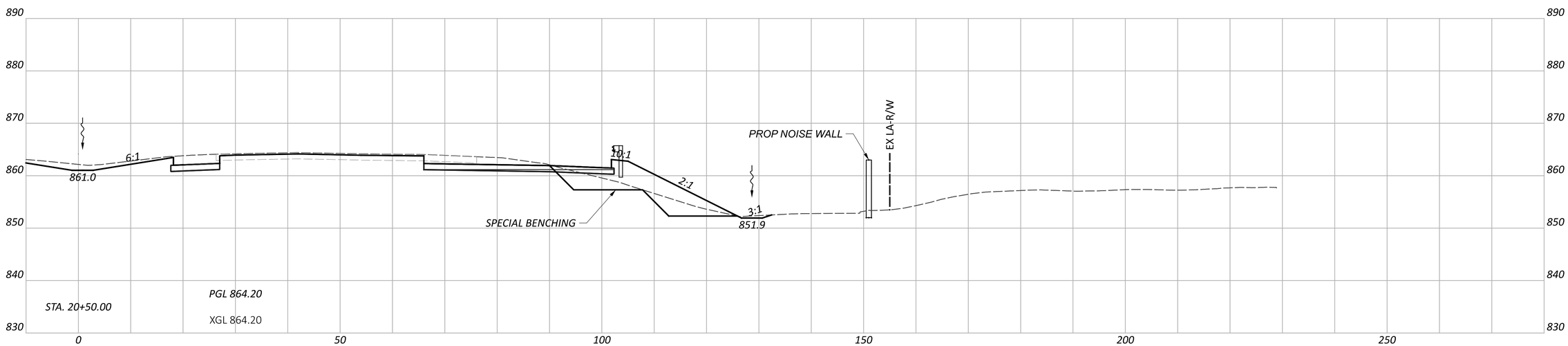
DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0482
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 20+50.00 TO STA. 21+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0483 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 20+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:18 AM USER: brieder
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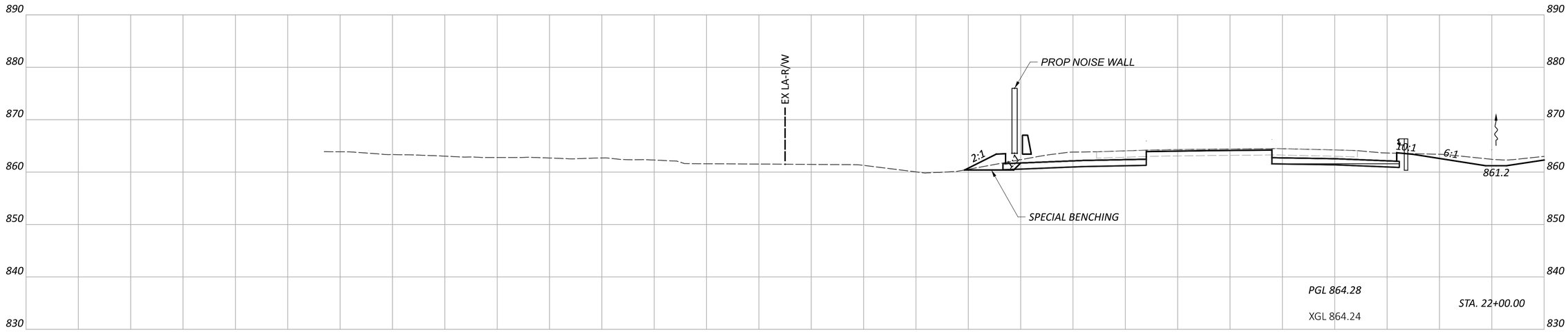
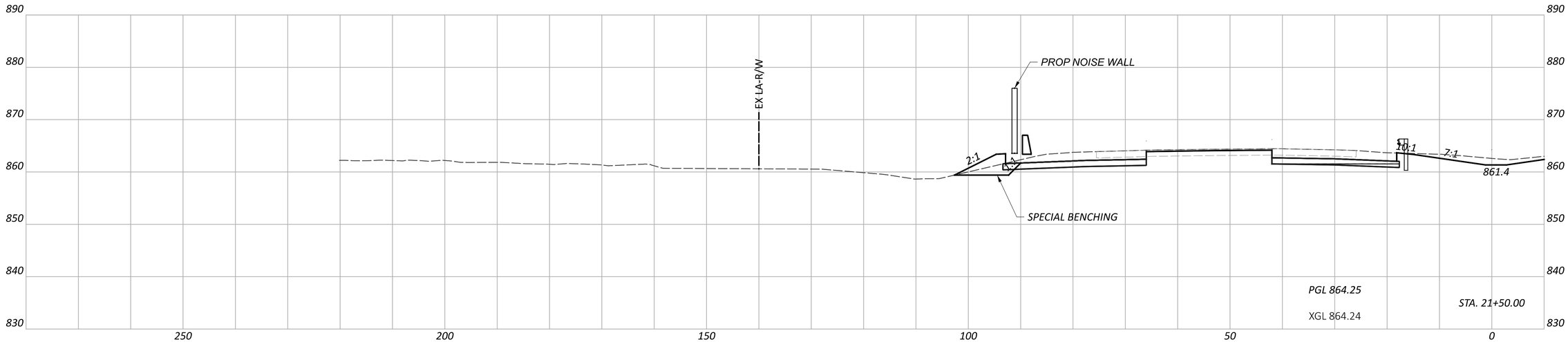
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 21+50.00 TO STA. 22+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 21+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:23 AM USER: brieder
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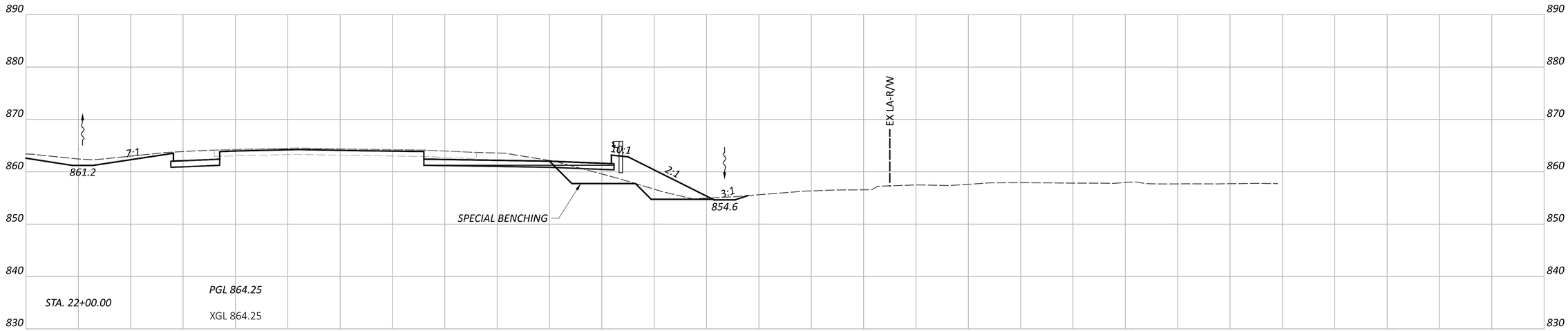
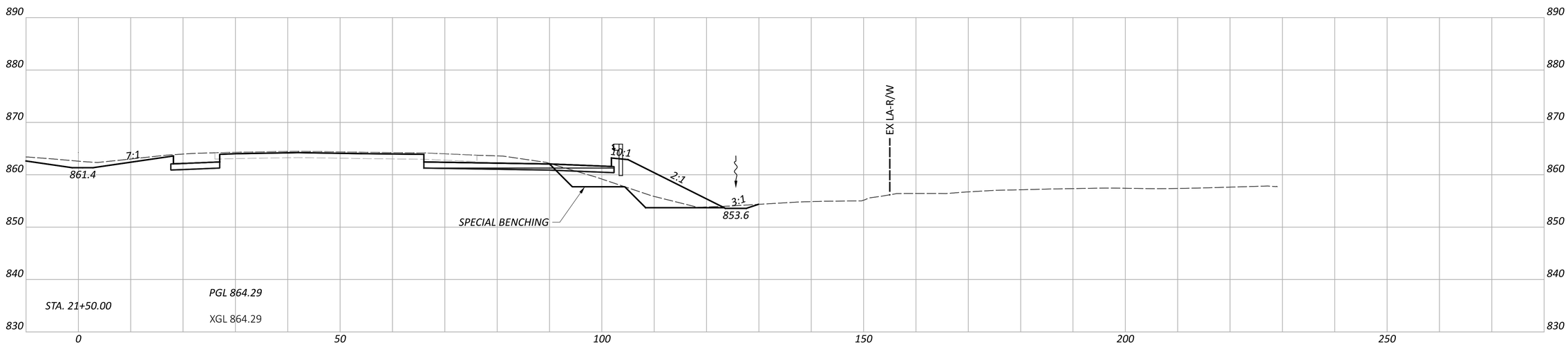
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0484
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 21+50.00 TO STA. 22+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 21+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:25 AM USER: brieder
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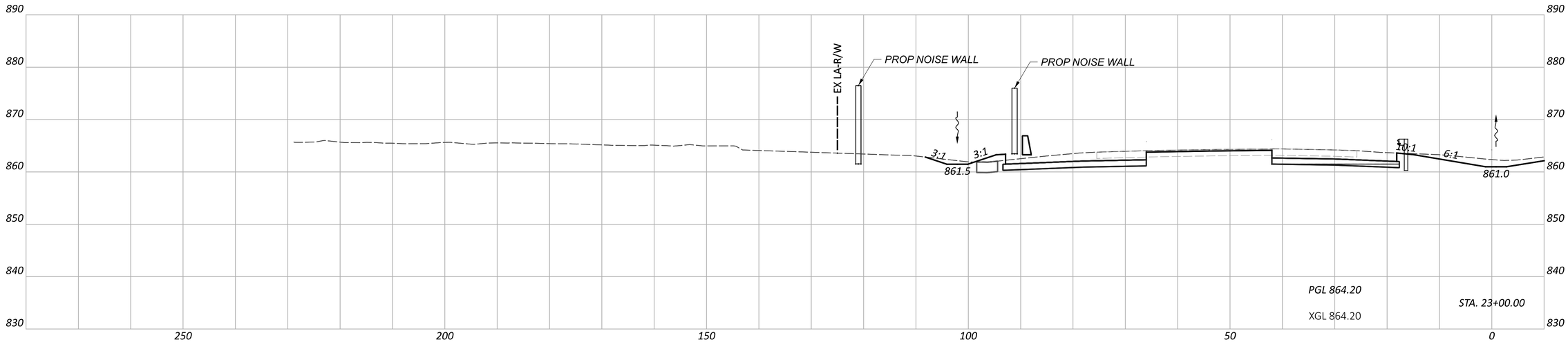
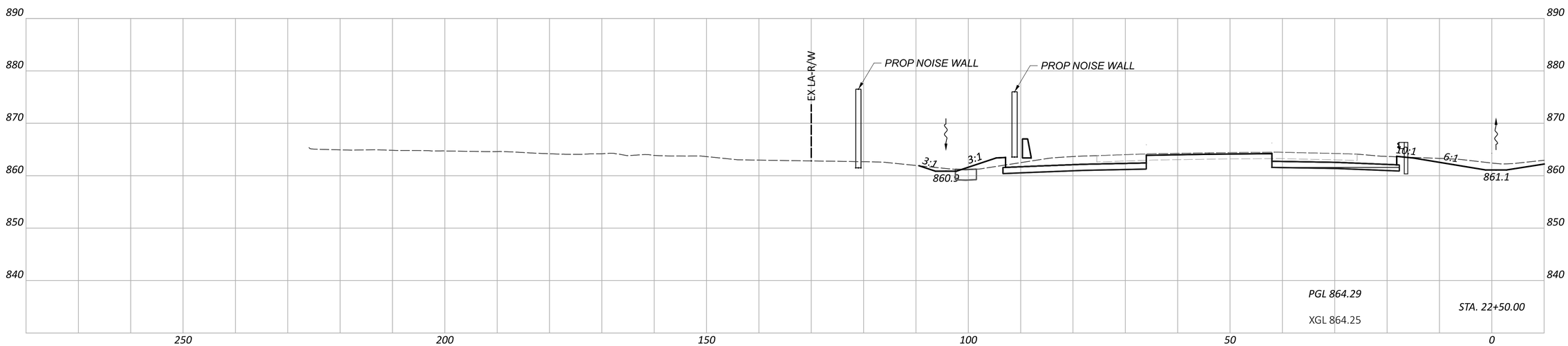
DESIGN AGENCY: STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0485
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 22+50.00 TO STA. 23+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 22+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:28 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

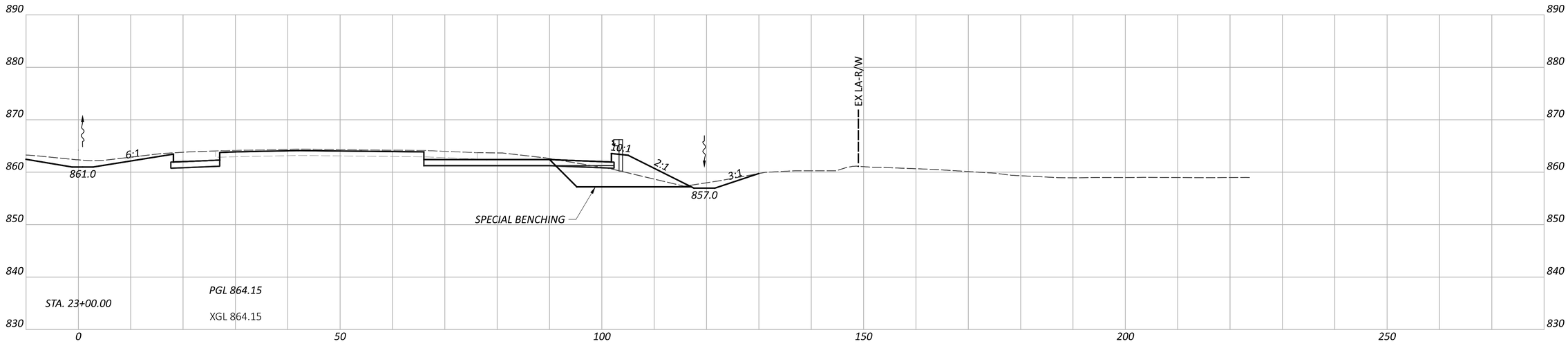
DESIGNER
BER

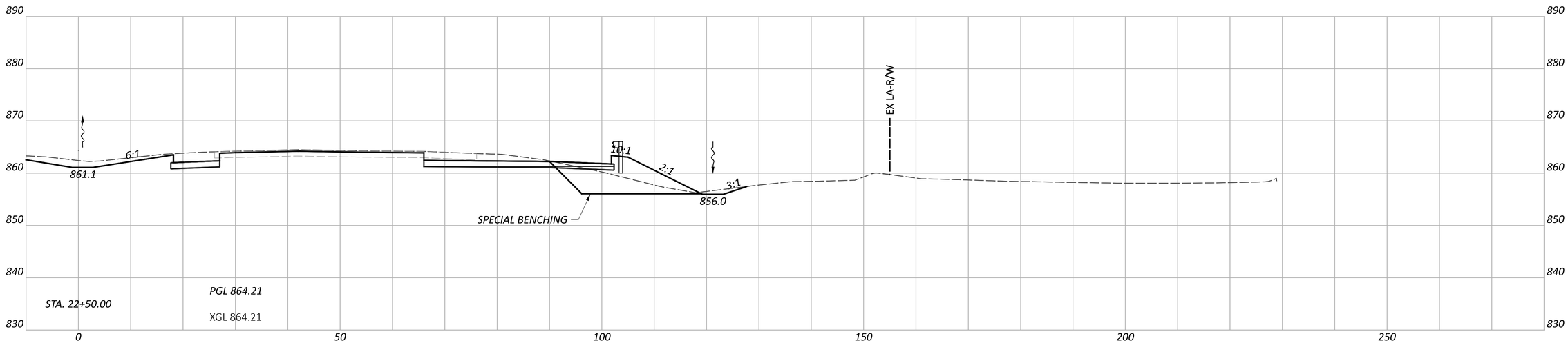
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0486 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 22+50.00 TO STA. 23+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0487 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 22+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:31 AM USER: brieder
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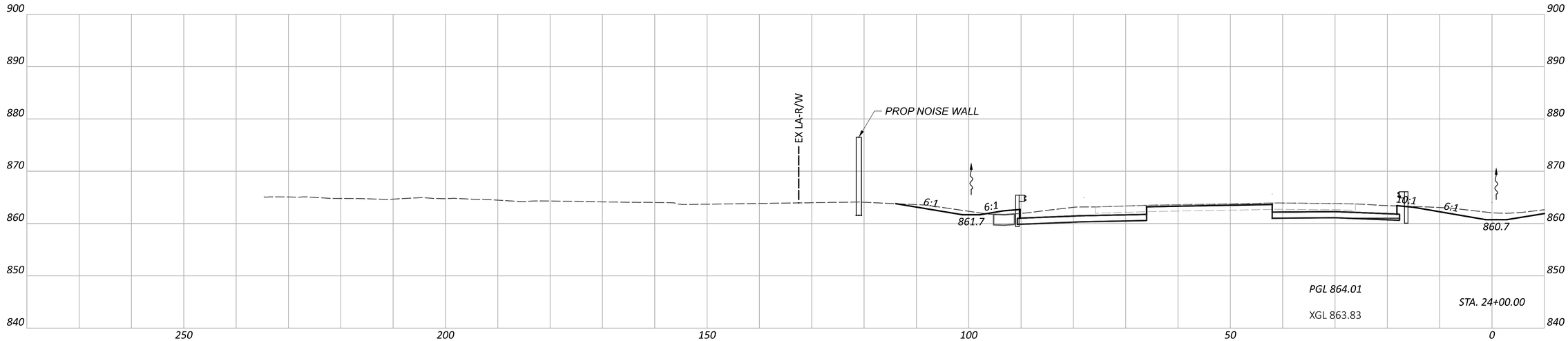
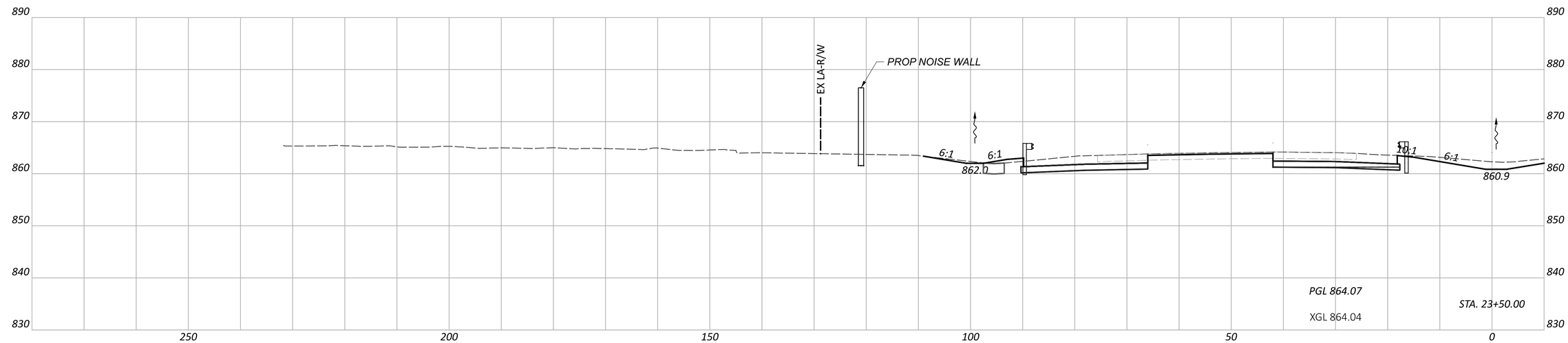
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 23+50.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 23+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:33 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

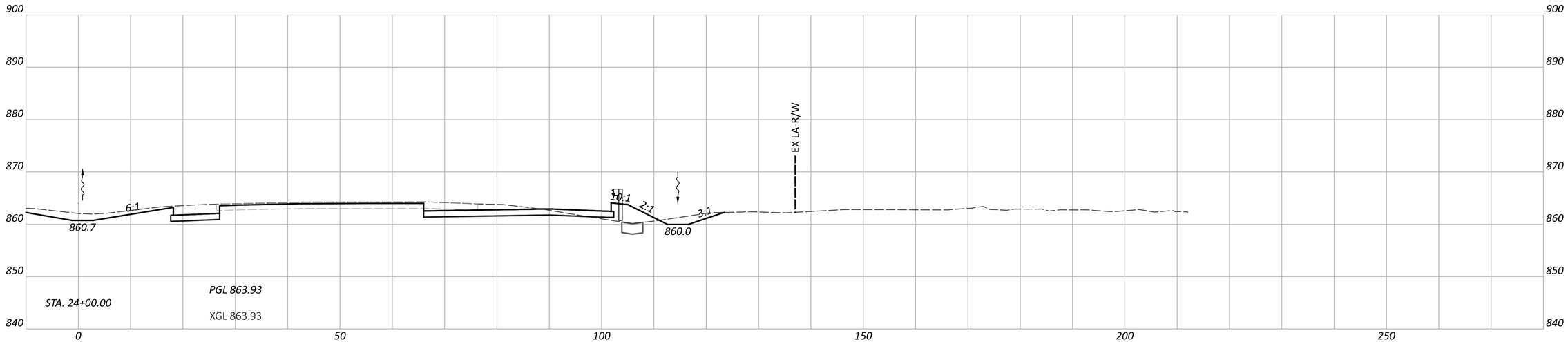
REVIEWER
KAM 08/07/26

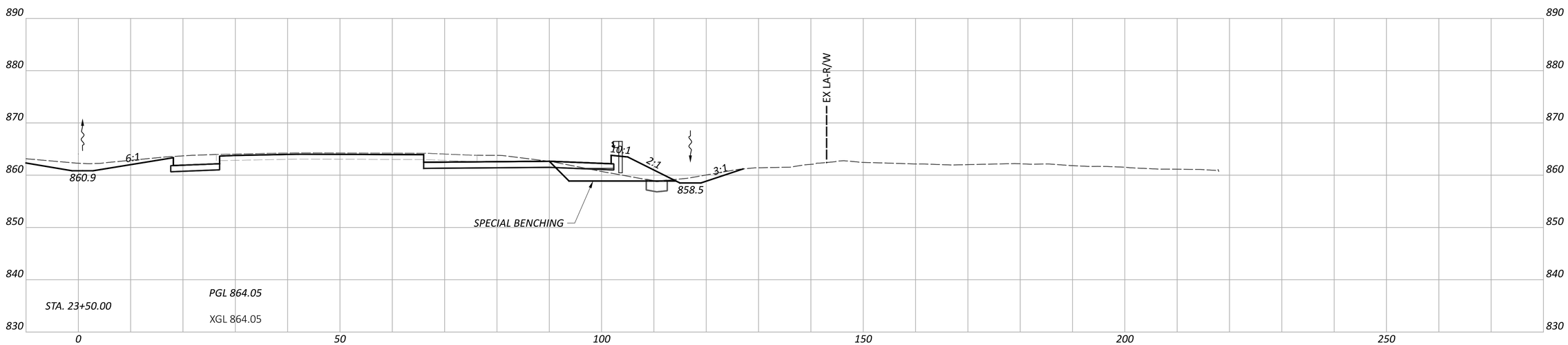
PROJECT ID
96808

SHEET P.0488 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 23+50.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 23+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:36 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

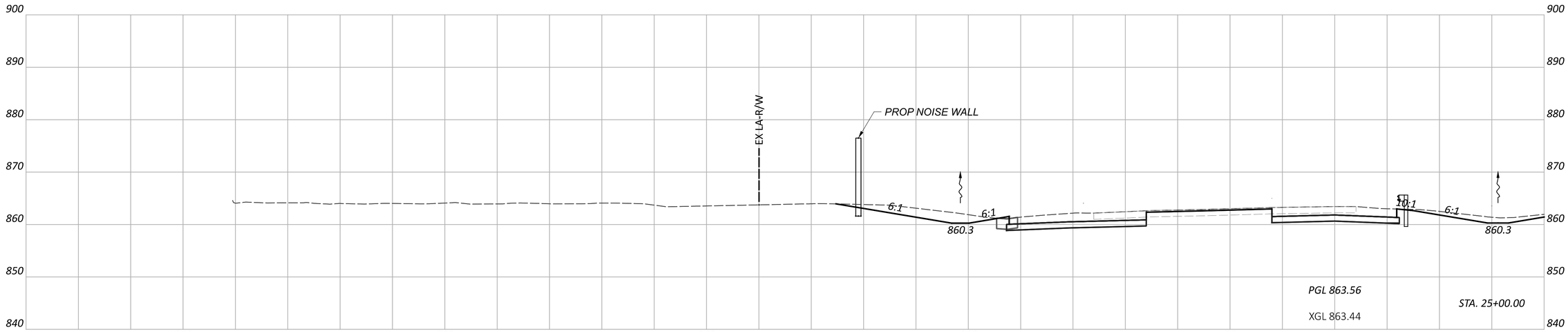
REVIEWER
KAM 08/07/26

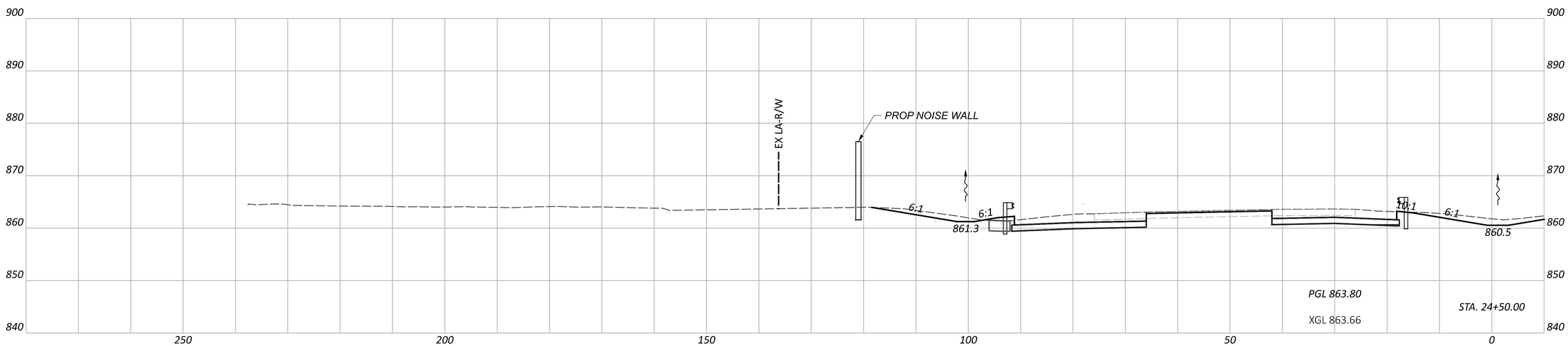
PROJECT ID
96808

SHEET P.0489 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 24+50.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 24+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:39 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

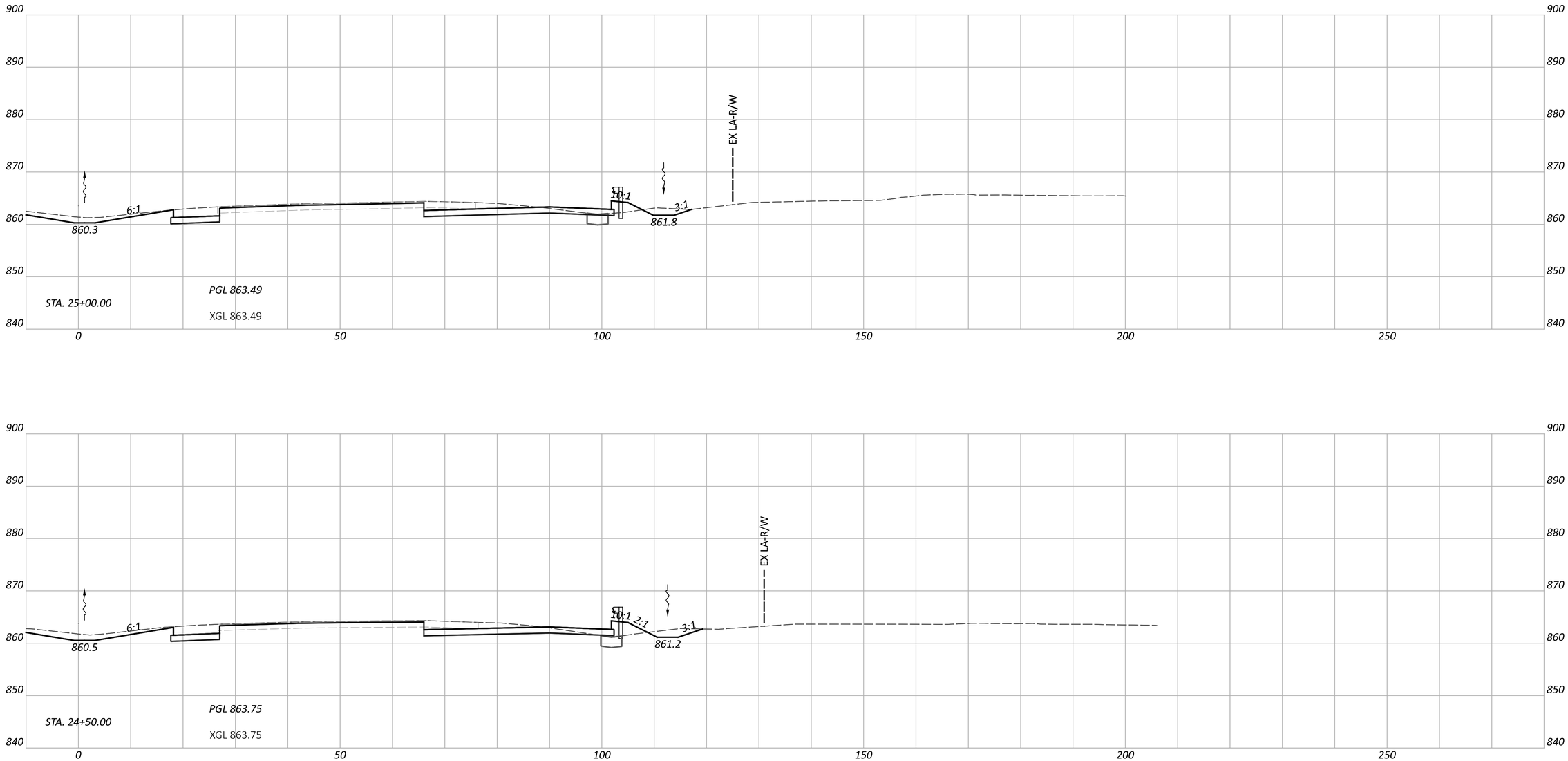
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0490 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 24+50.00 TO STA. 25+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 24+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:42 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

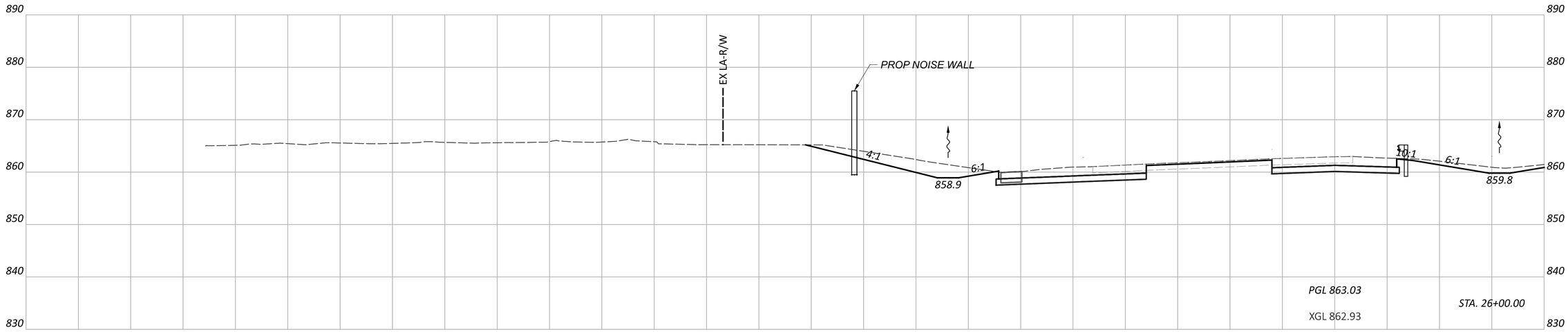
REVIEWER
KAM 08/07/26

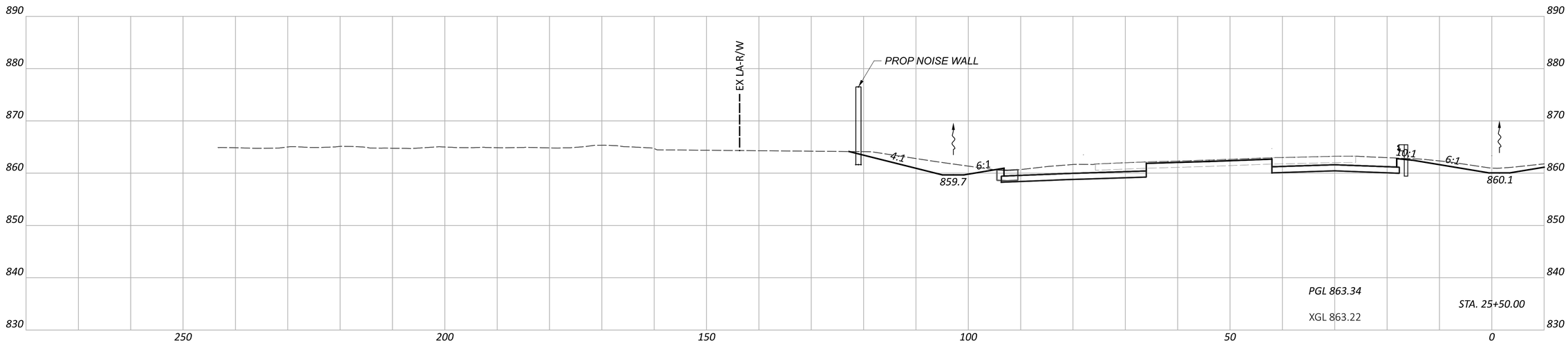
PROJECT ID
96808

SHEET P.0491 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 25+50.00 TO STA. 26+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 25+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:44 AM USER: brieder
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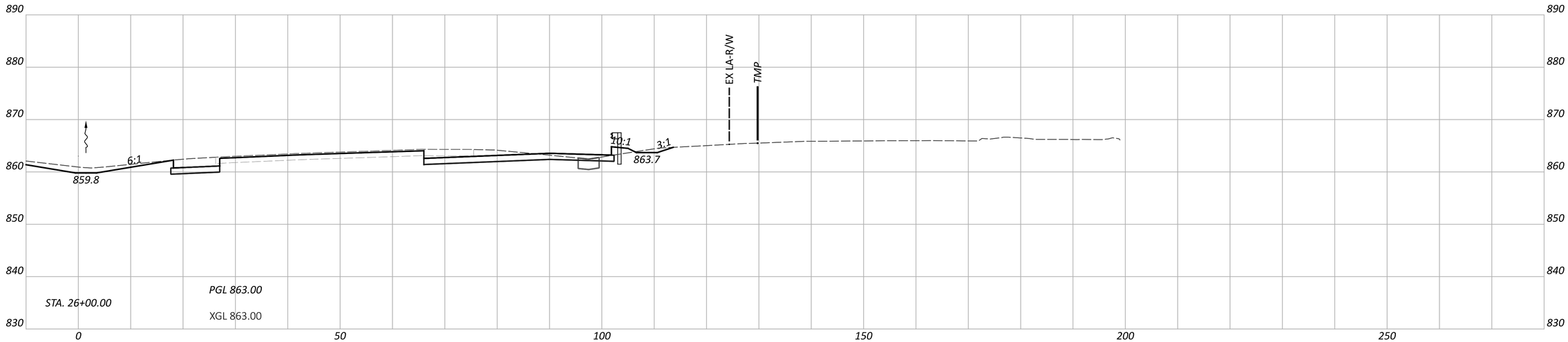
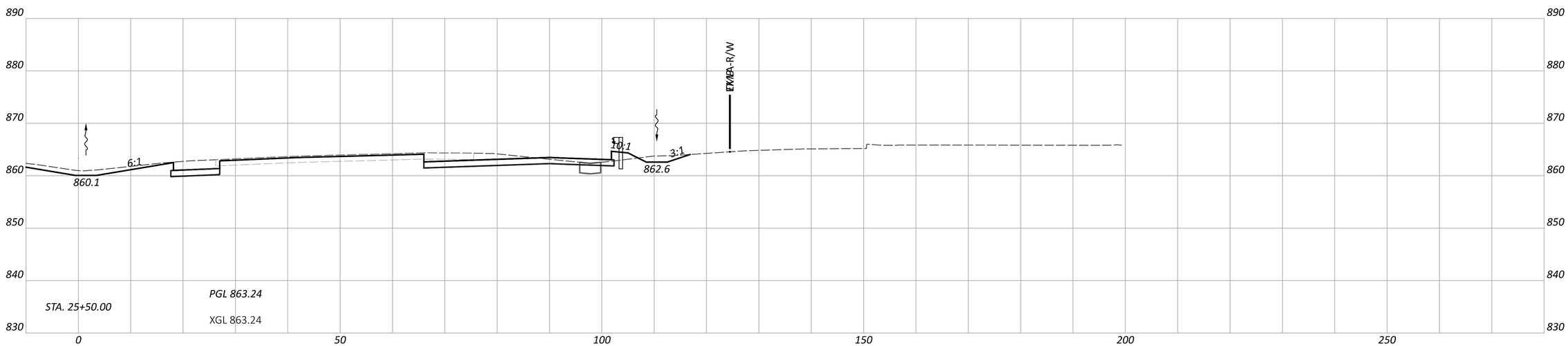
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0492
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 25+50.00 TO STA. 26+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0493 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 25+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:52:50 AM USER: brieder
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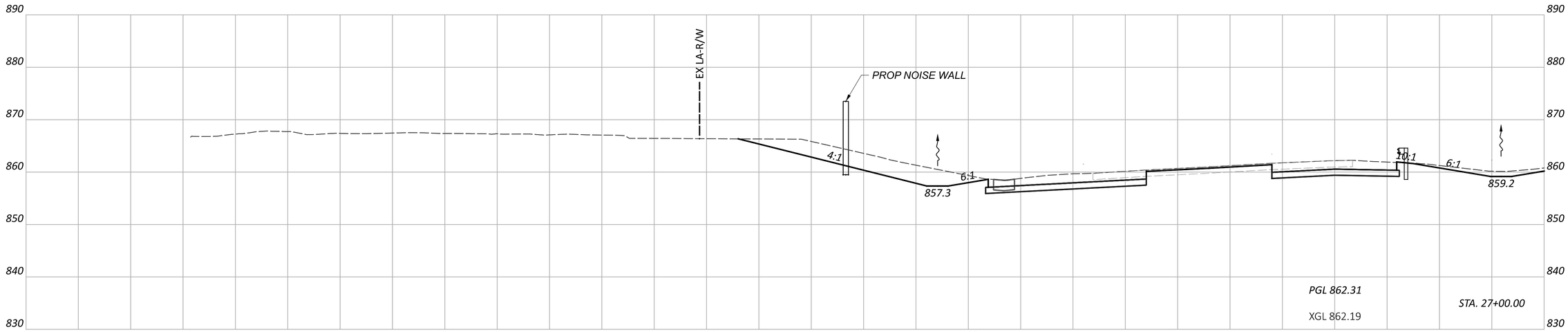
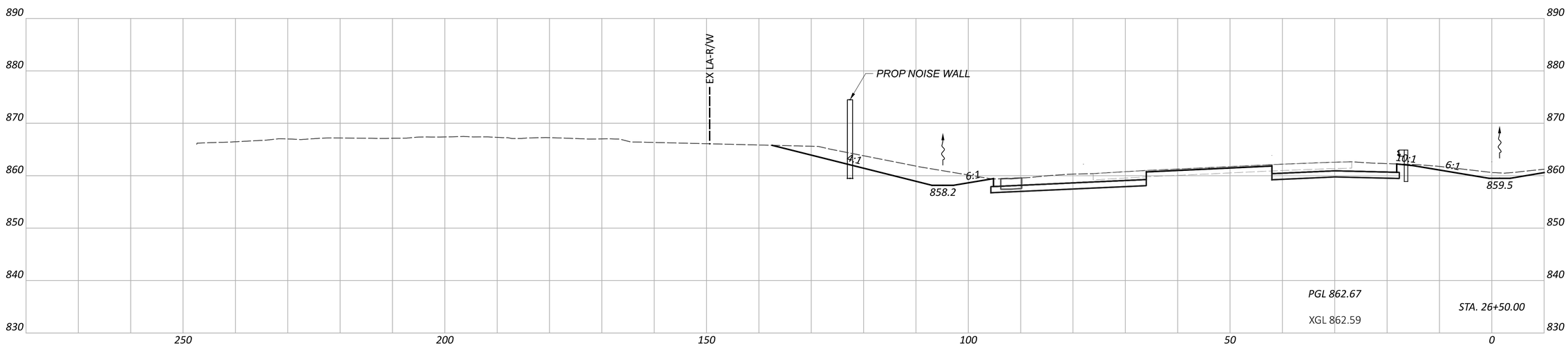
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 26+50.00 TO STA. 27+00.00

FAI/LIC-IR 70-0.00/0.00

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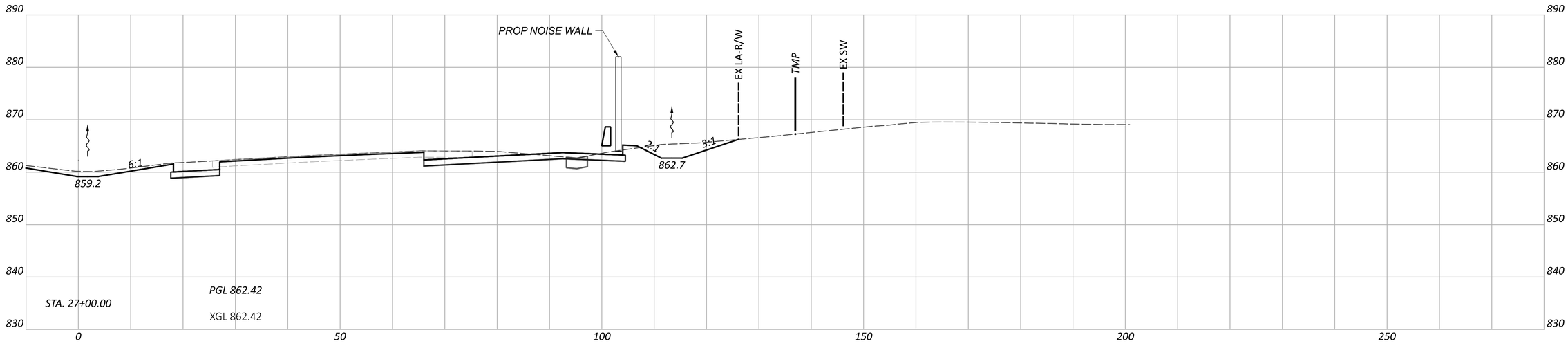
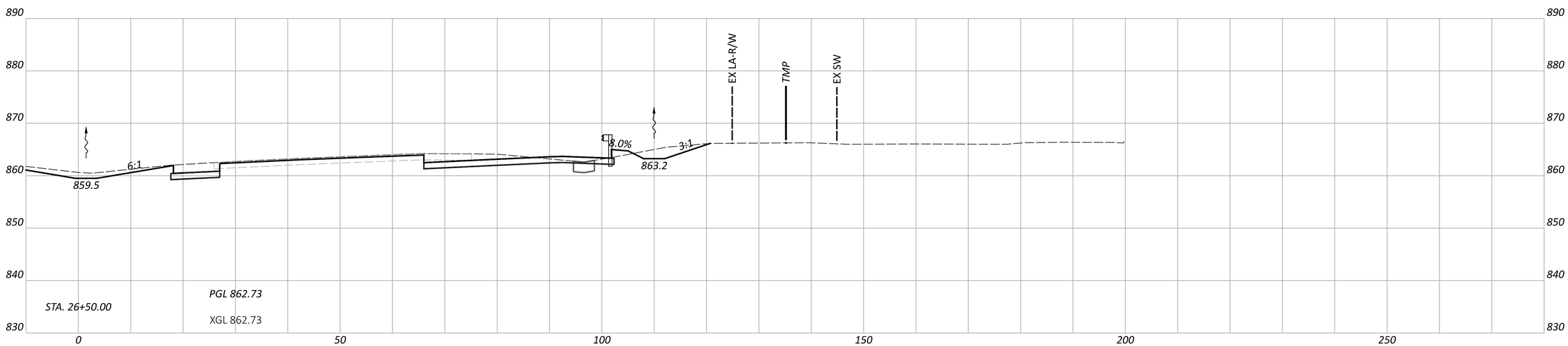
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.0494 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 26+50.00 TO STA. 27+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0495 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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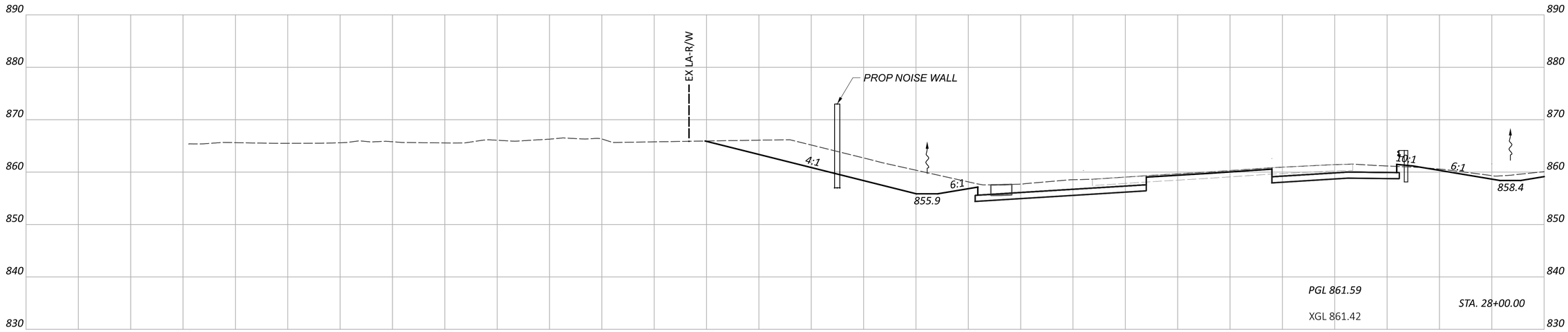
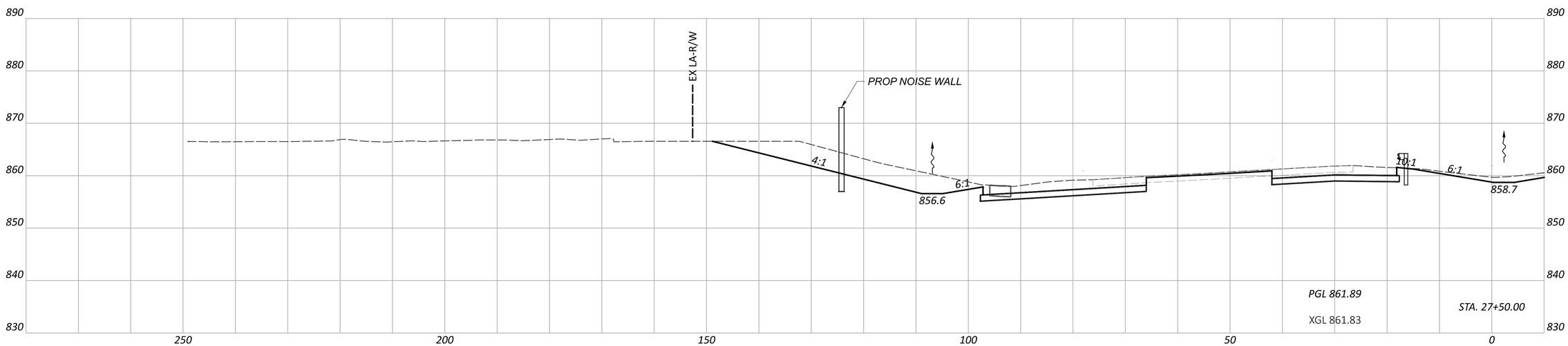
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





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STA. 27+50.00 TO STA. 28+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

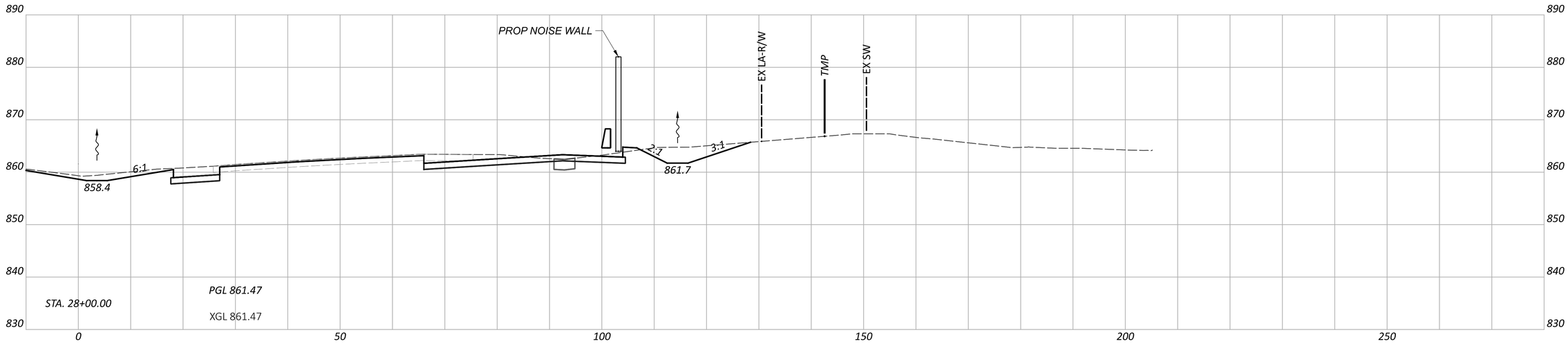
REVIEWER
KAM 08/07/26

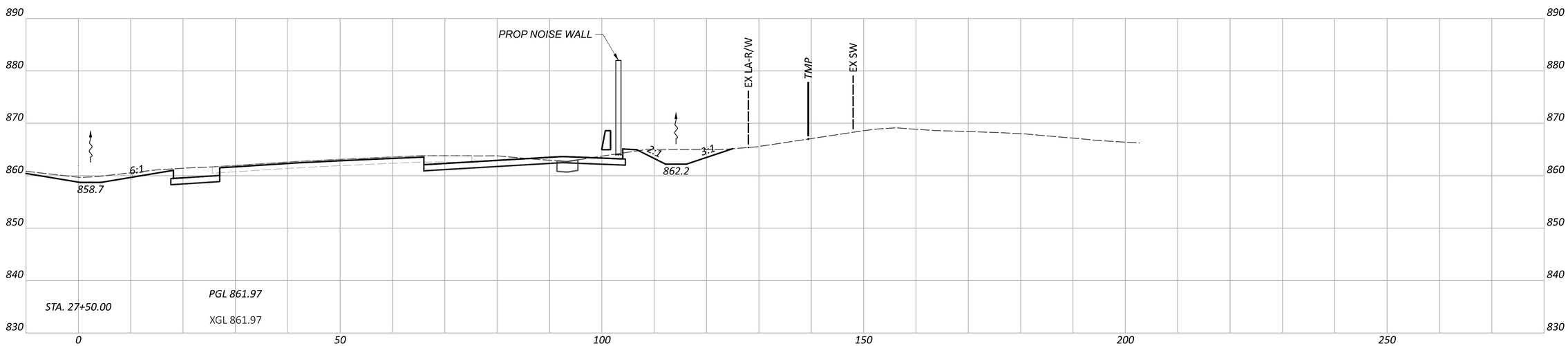
PROJECT ID
96808

SHEET P.0496 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 27+50.00 TO STA. 28+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0497 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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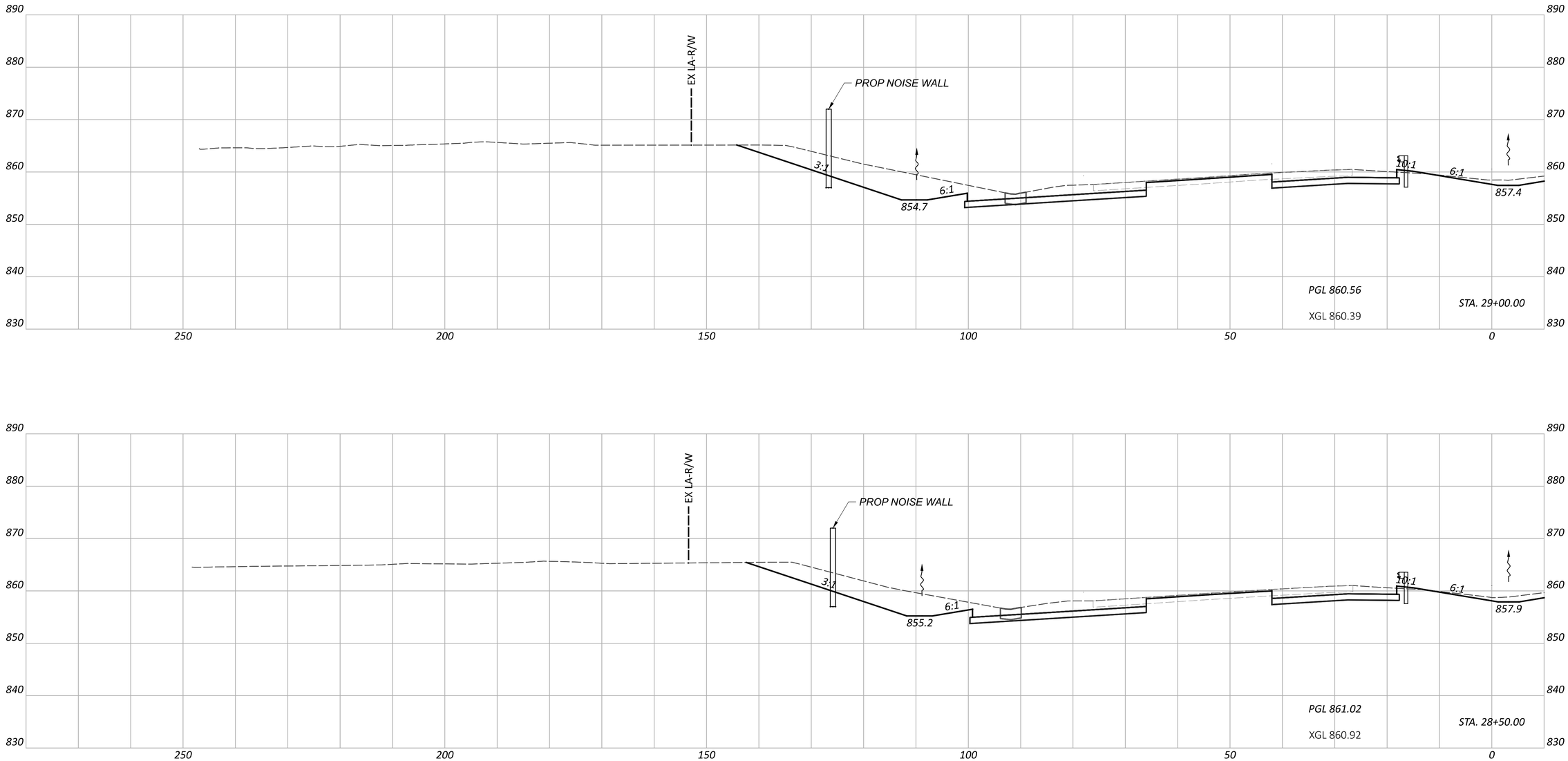
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 28+50.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

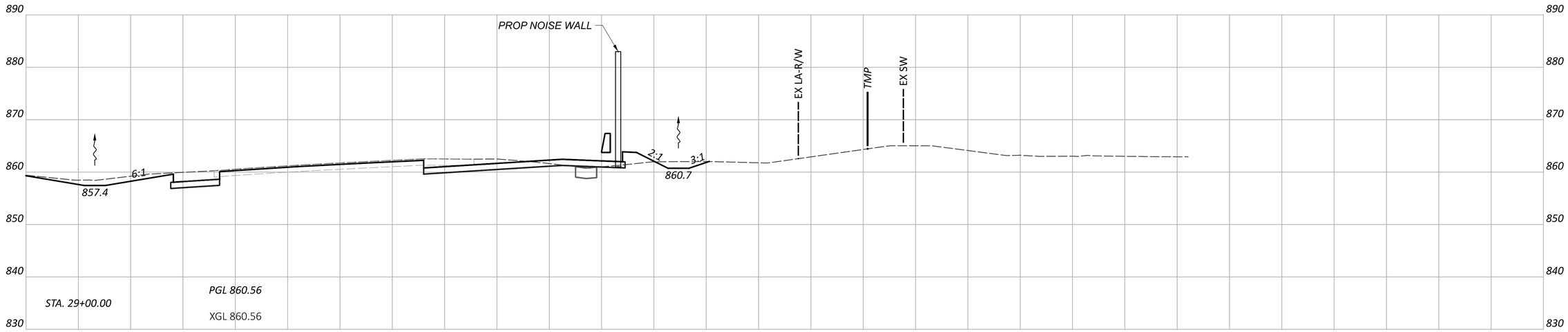
REVIEWER
KAM 08/07/26

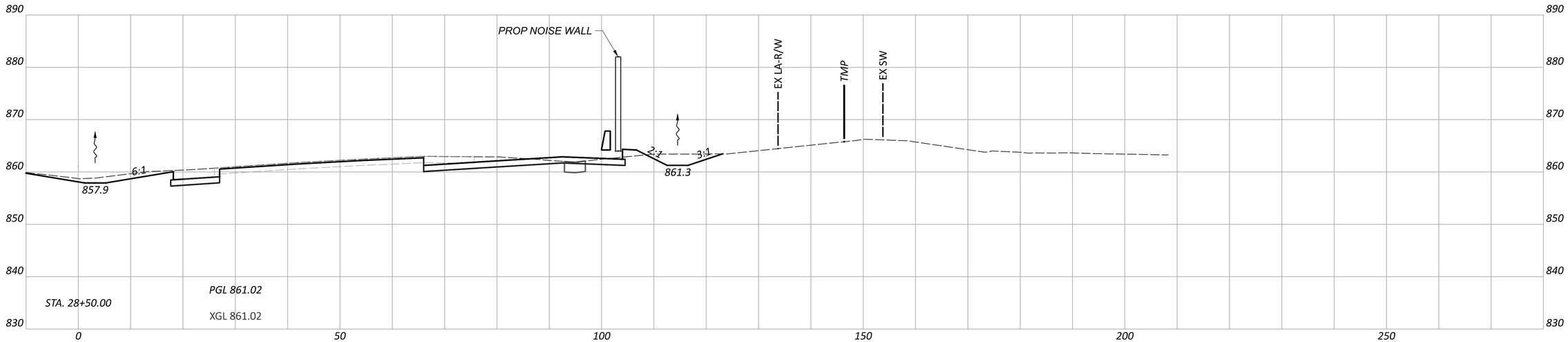
PROJECT ID
96808

SHEET P.0498 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 28+50.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

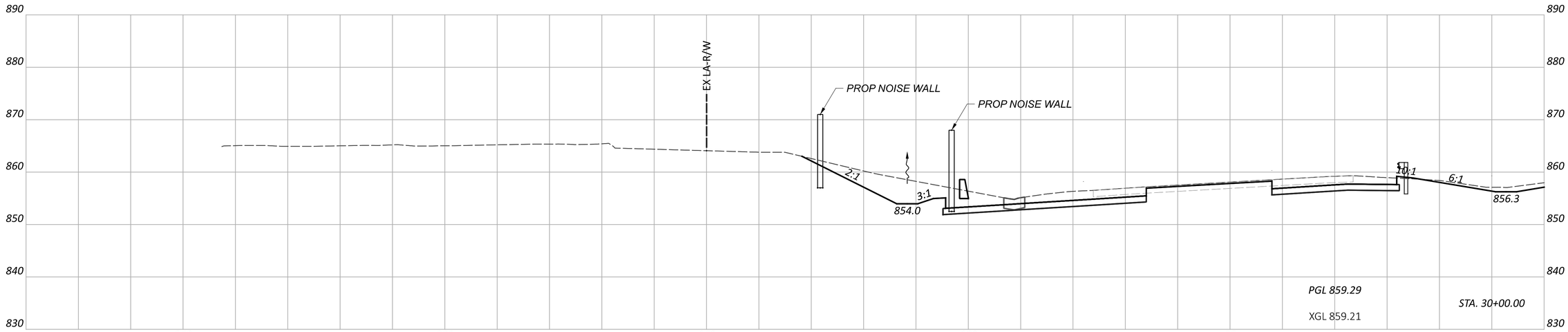
REVIEWER
KAM 08/07/26

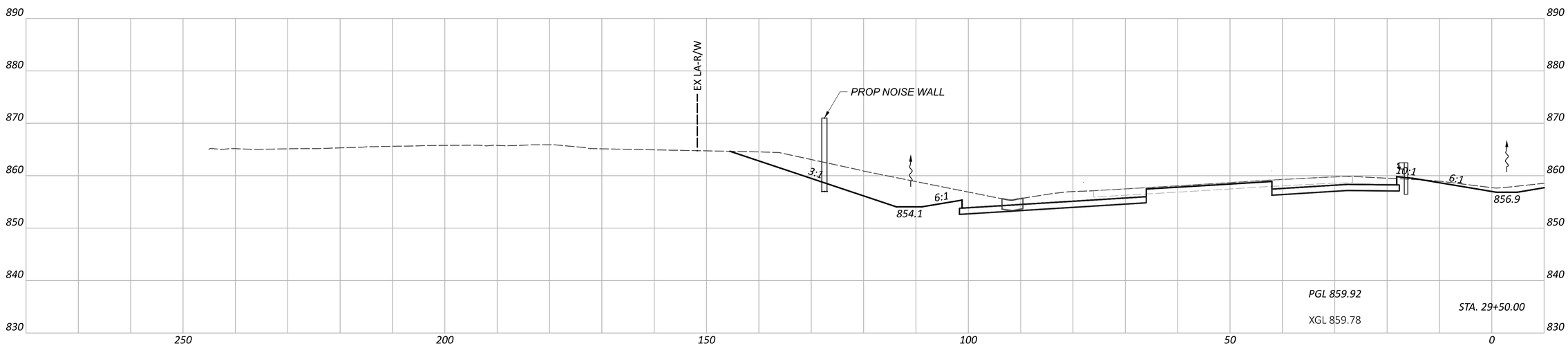
PROJECT ID
96808

SHEET P.0499 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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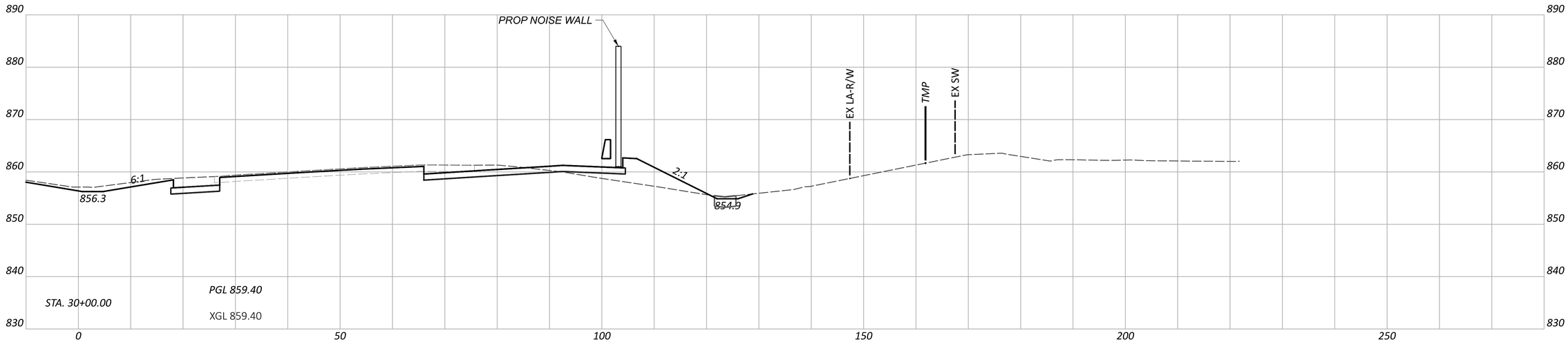
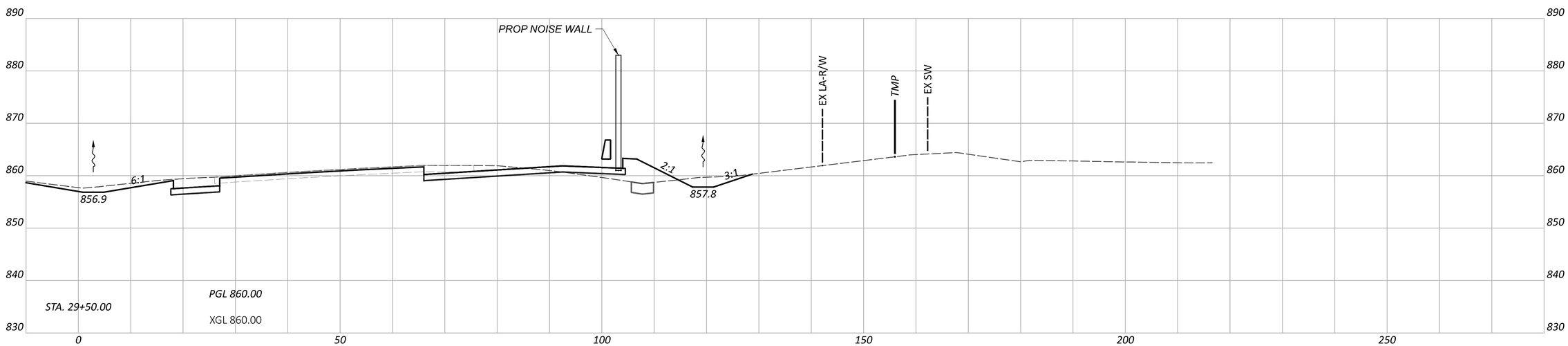
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0500
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

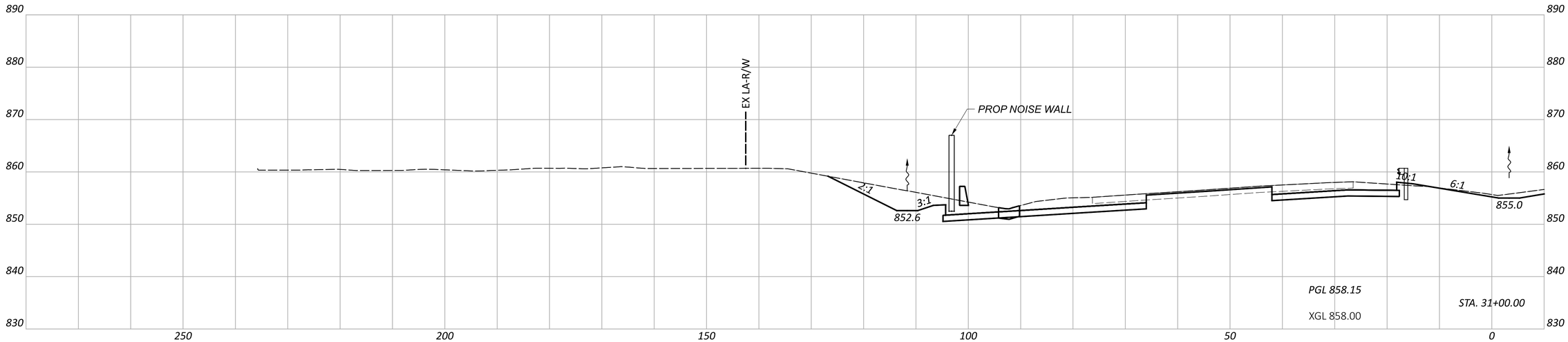
DESIGNER
BER

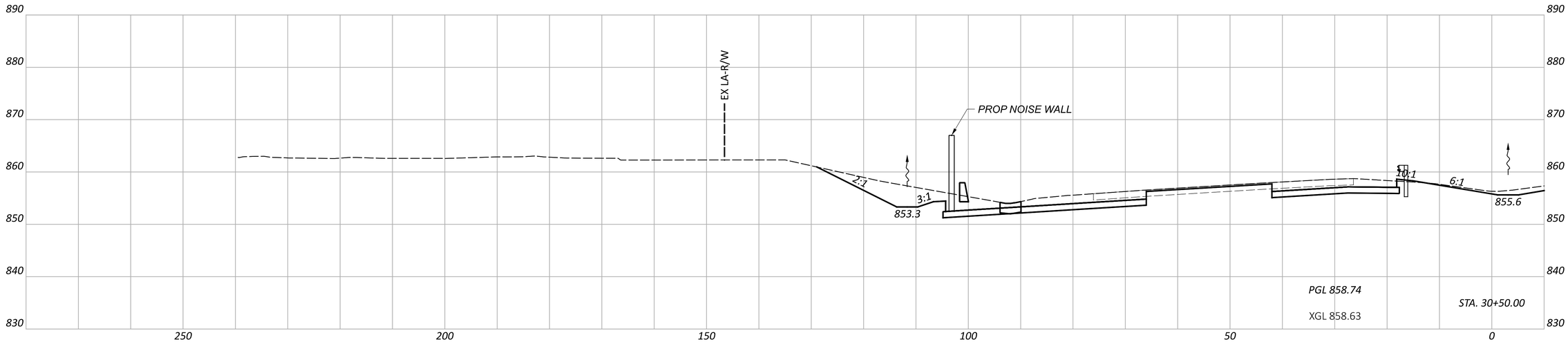
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0501 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 30+50.00 TO STA. 31+00.00

FAI/LIC-IR 70-0.00/0.00

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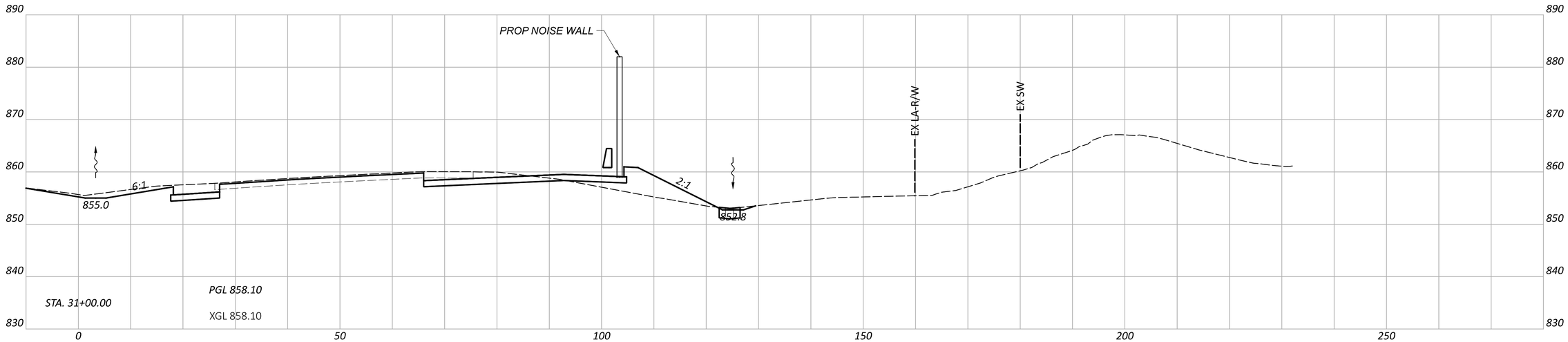
DESIGN AGENCY: STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0502
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

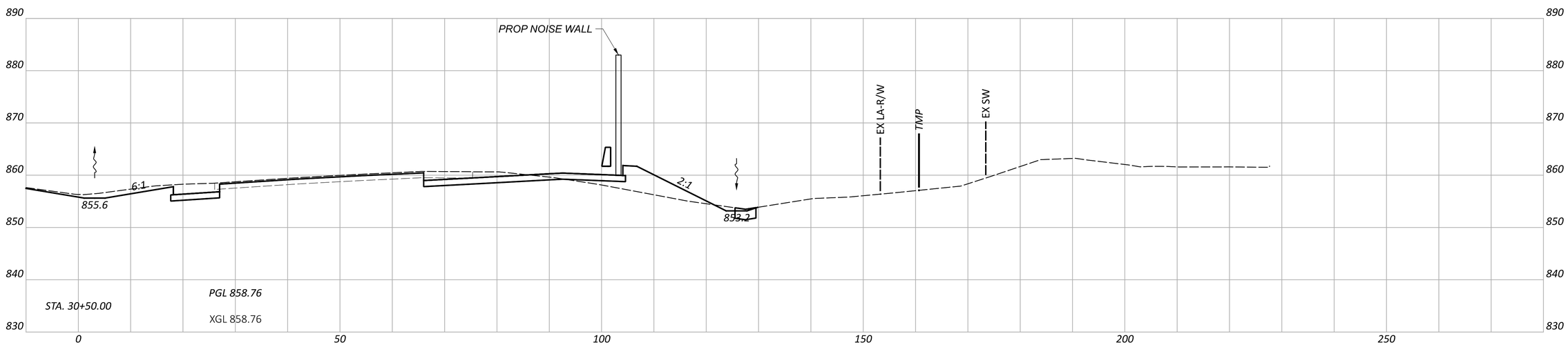
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



STA. 31+00.00

PGL 858.10

XGL 858.10



STA. 30+50.00

PGL 858.76

XGL 858.76

CROSS SECTIONS - IR 70 EB
STA. 30+50.00 TO STA. 31+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0503 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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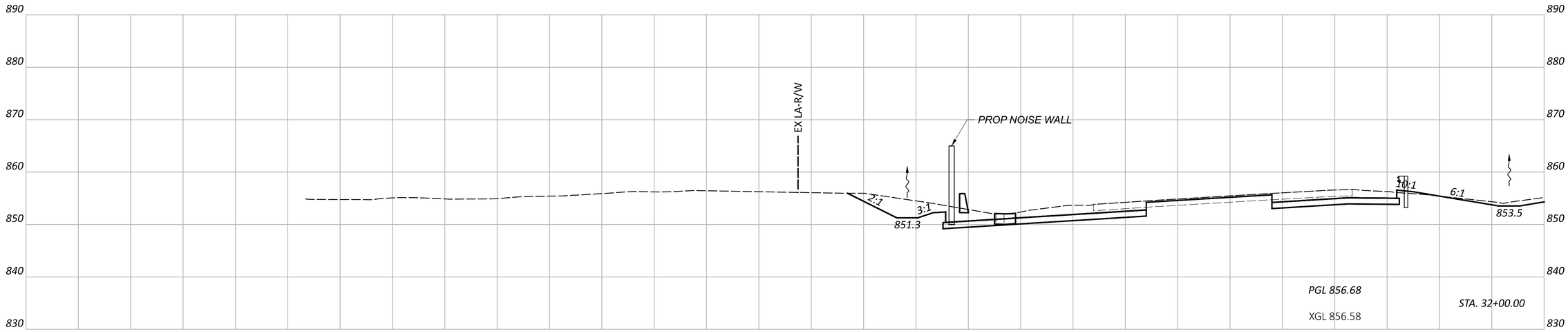
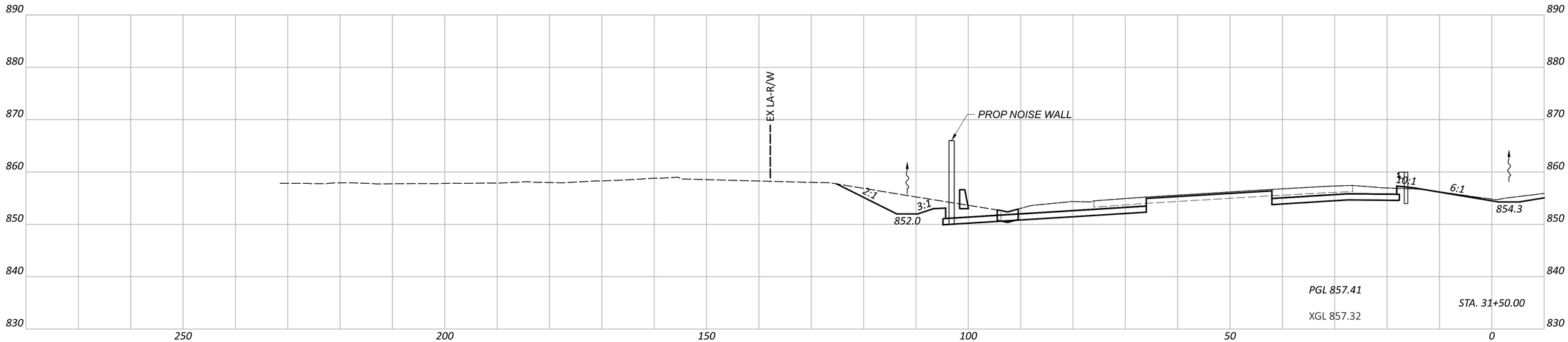
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
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FAI/LIC-IR 70-0.00/0.00

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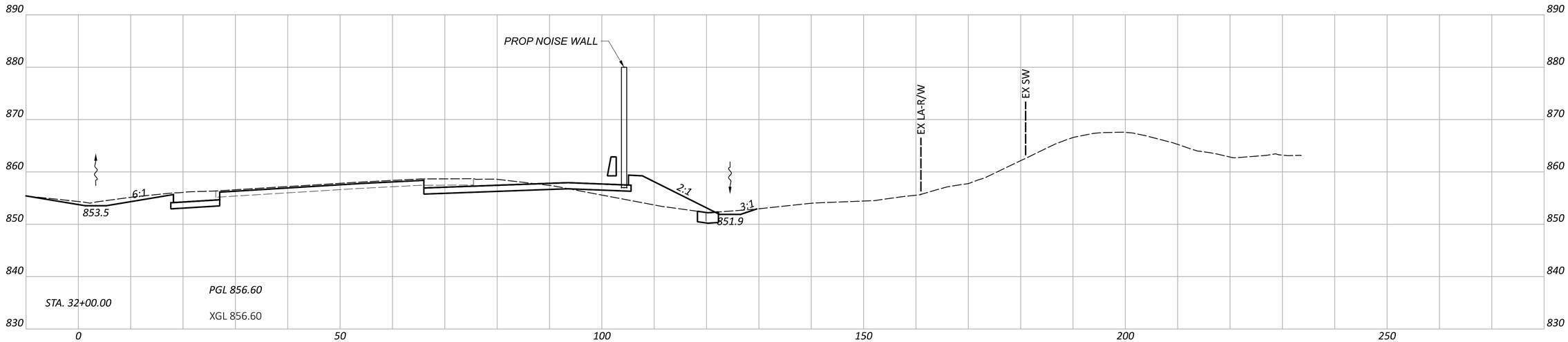
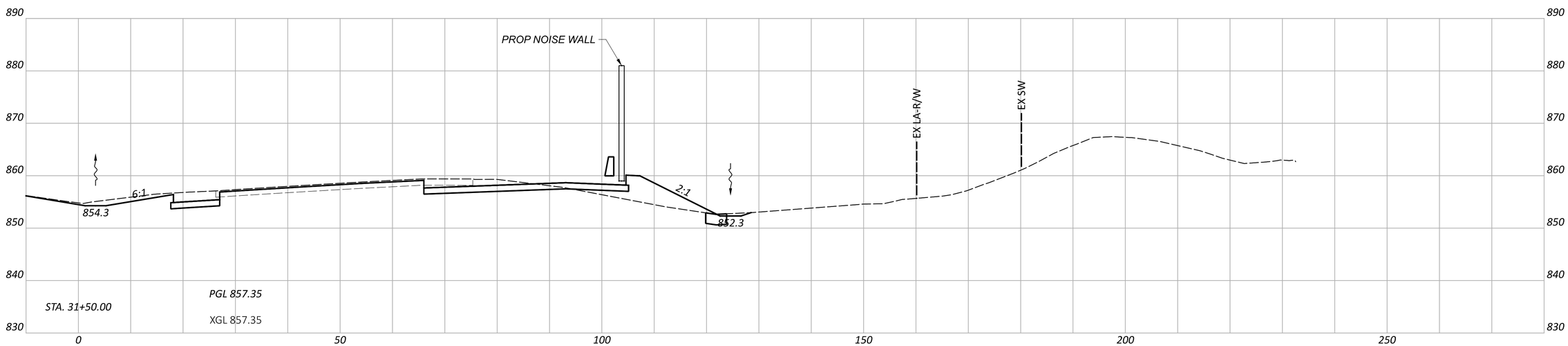
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0504
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 31+50.00 TO STA. 32+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

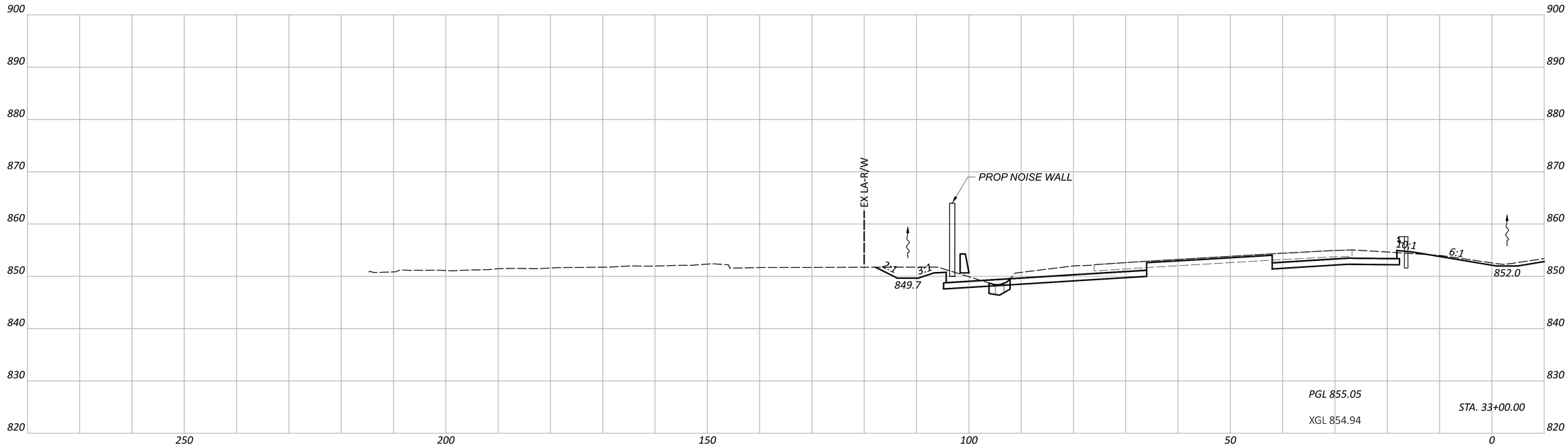
DESIGNER
BER

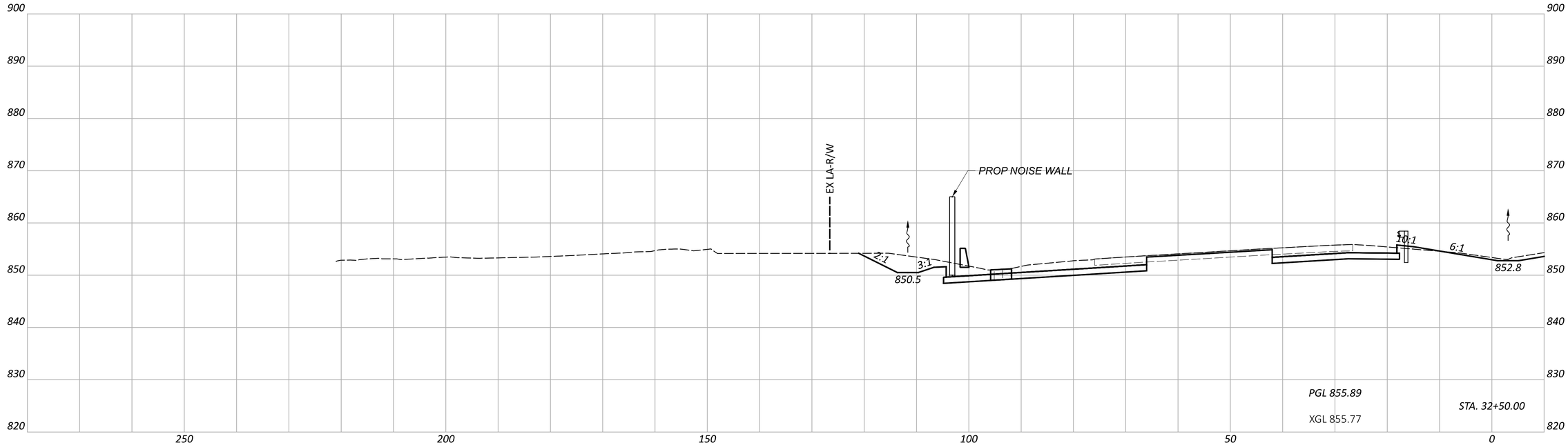
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0505 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 32+50.00 TO STA. 33+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 32+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:53:42 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

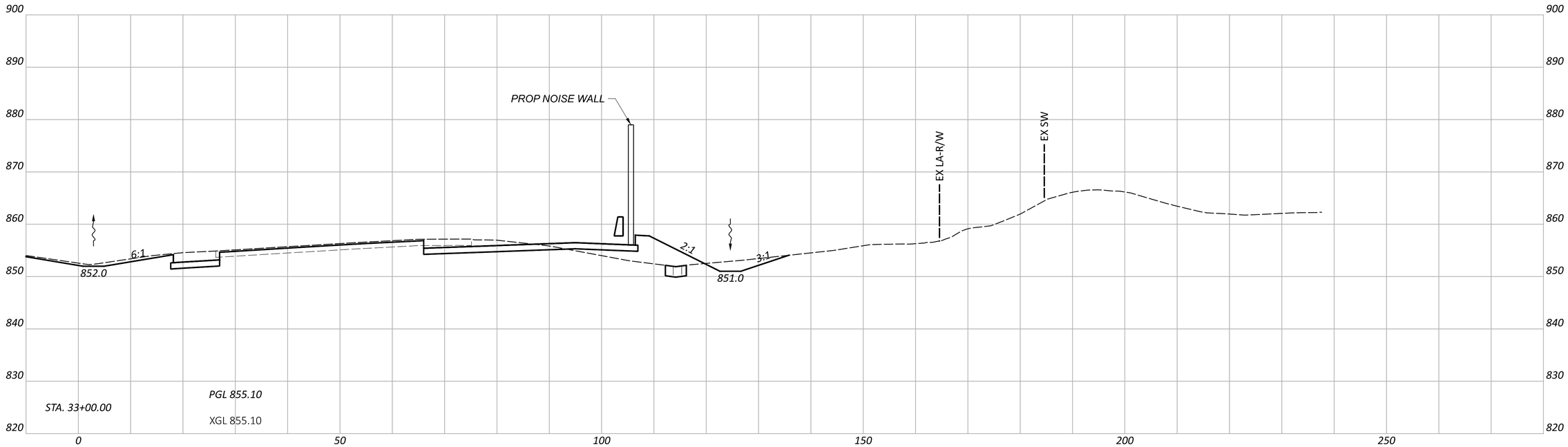
REVIEWER
KAM 08/07/26

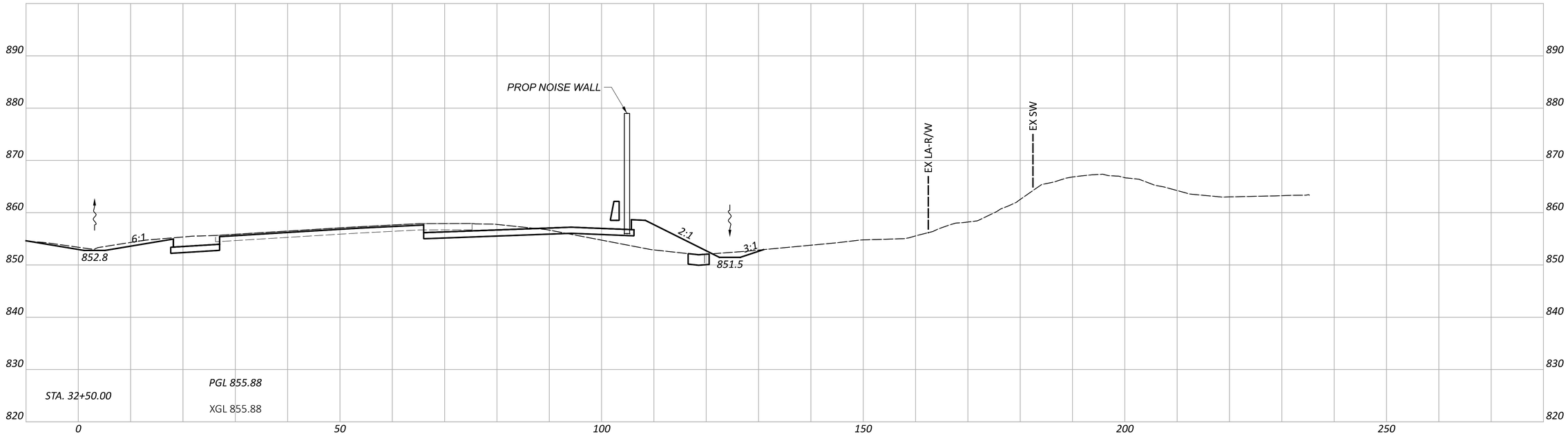
PROJECT ID
96808

SHEET P.0506 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 32+50.00 TO STA. 33+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0507 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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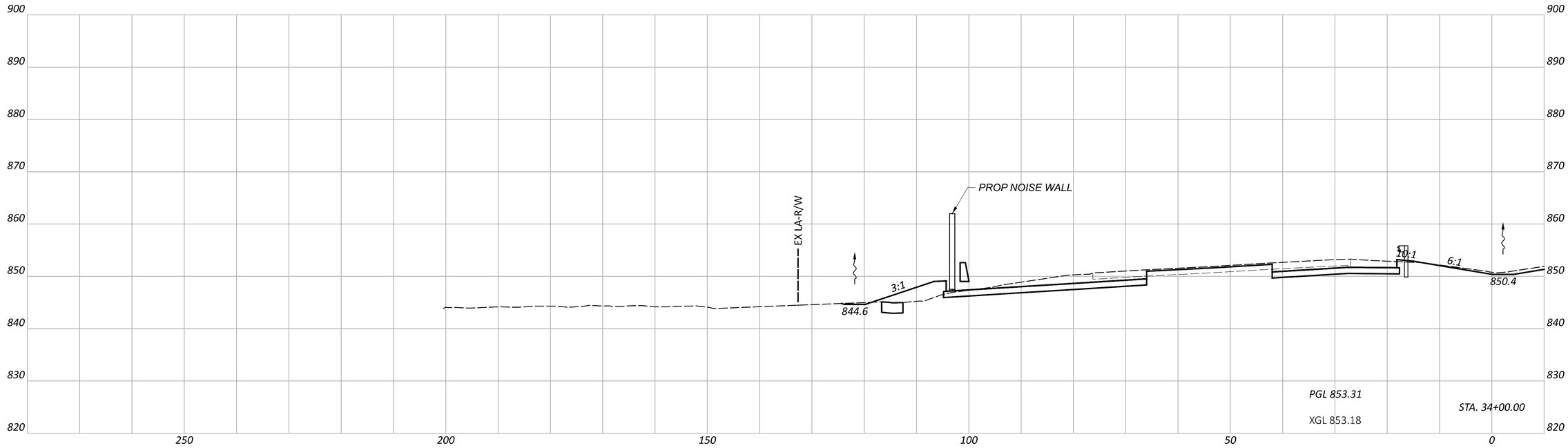
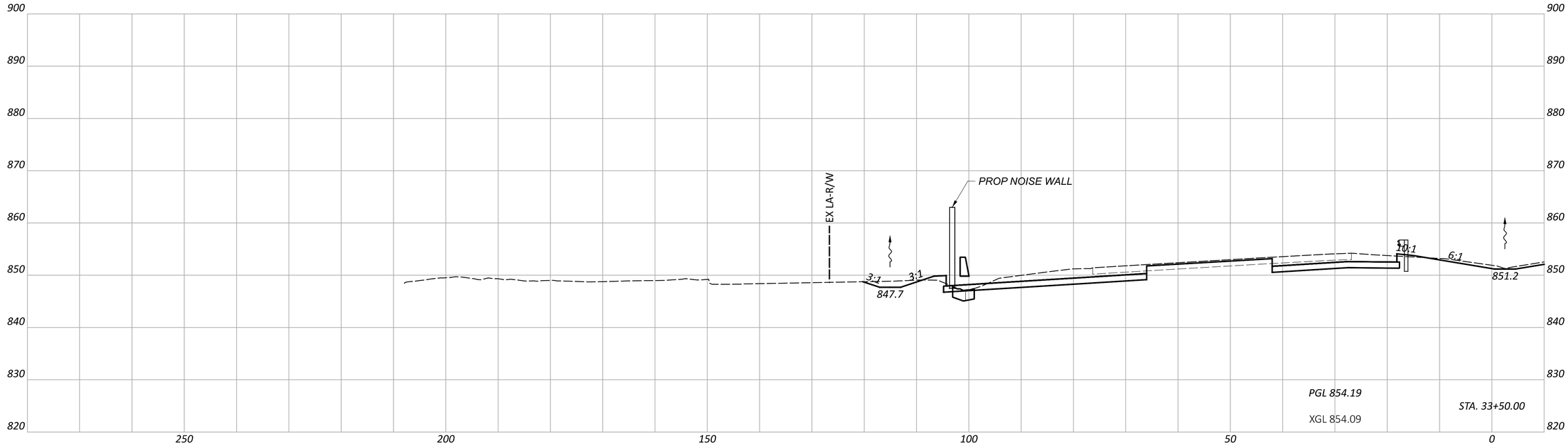
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 33+50.00 TO STA. 34+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

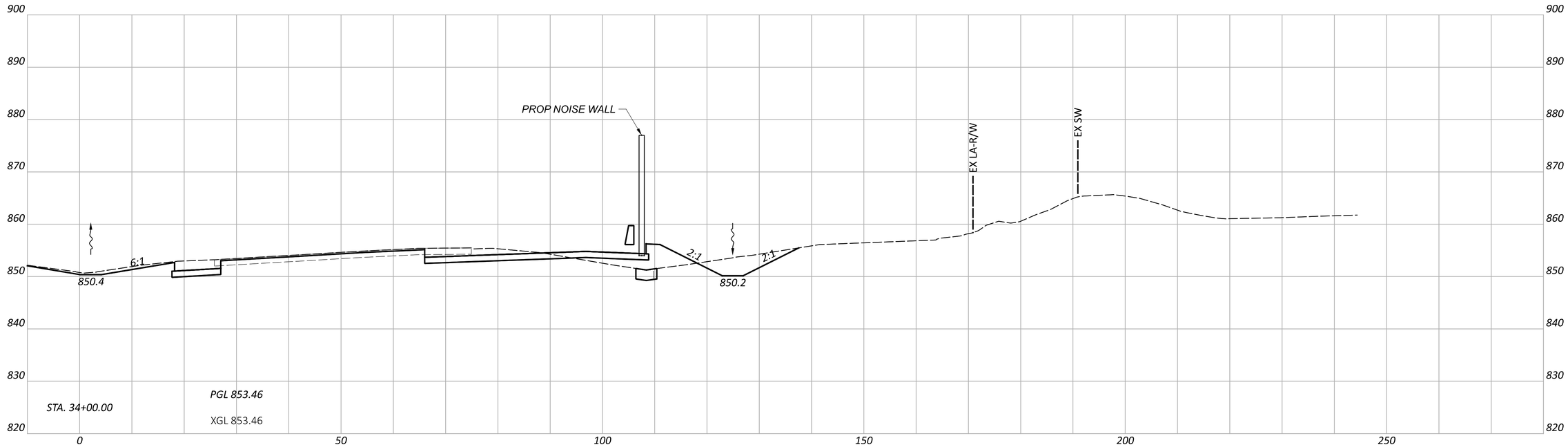
REVIEWER
KAM 08/07/26

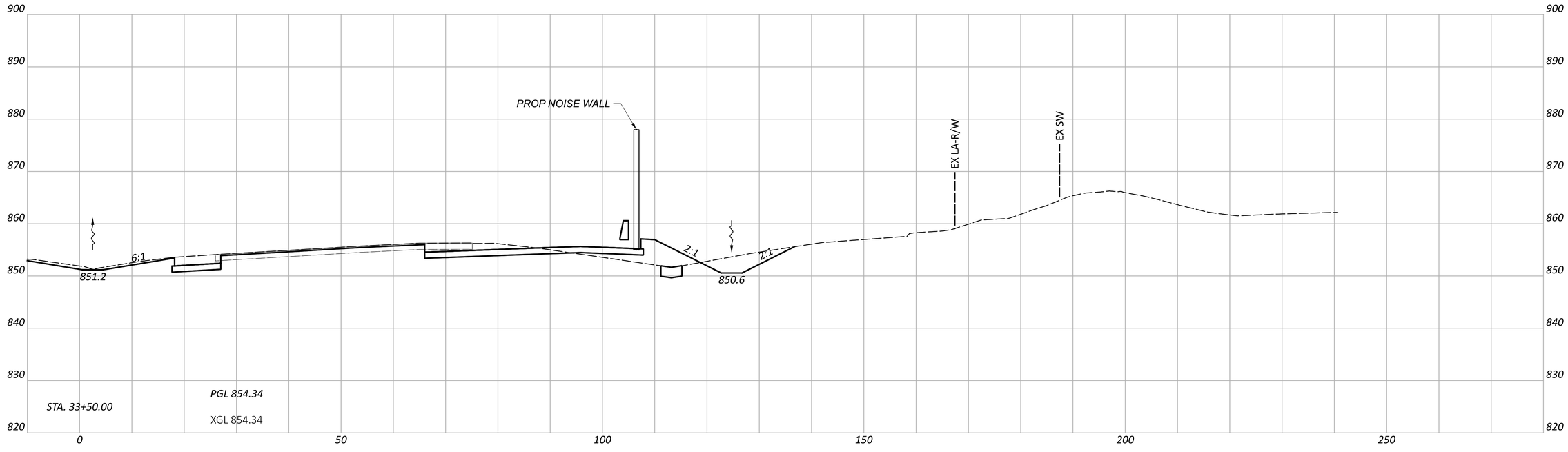
PROJECT ID
96808

SHEET P.0508 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 33+50.00 TO STA. 34+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

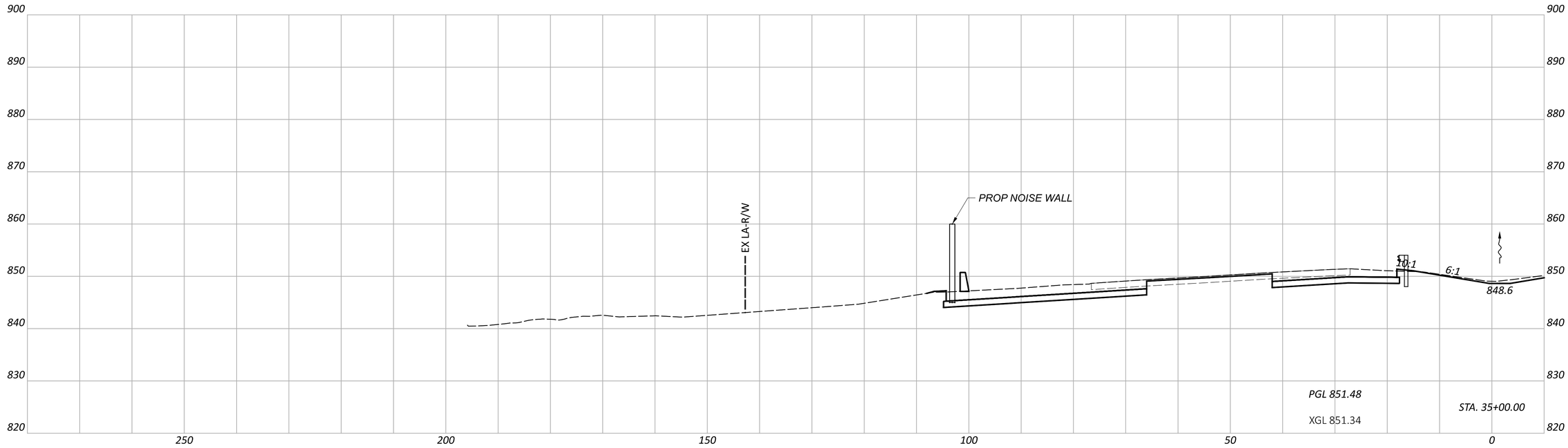
DESIGNER
BER

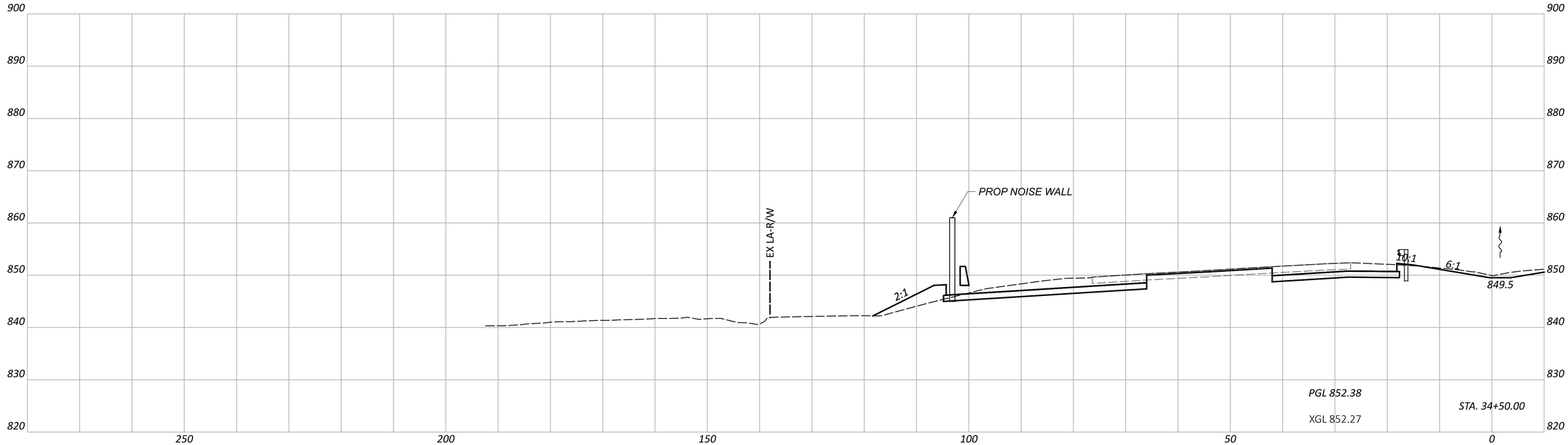
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0509 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 34+50.00 TO STA. 35+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

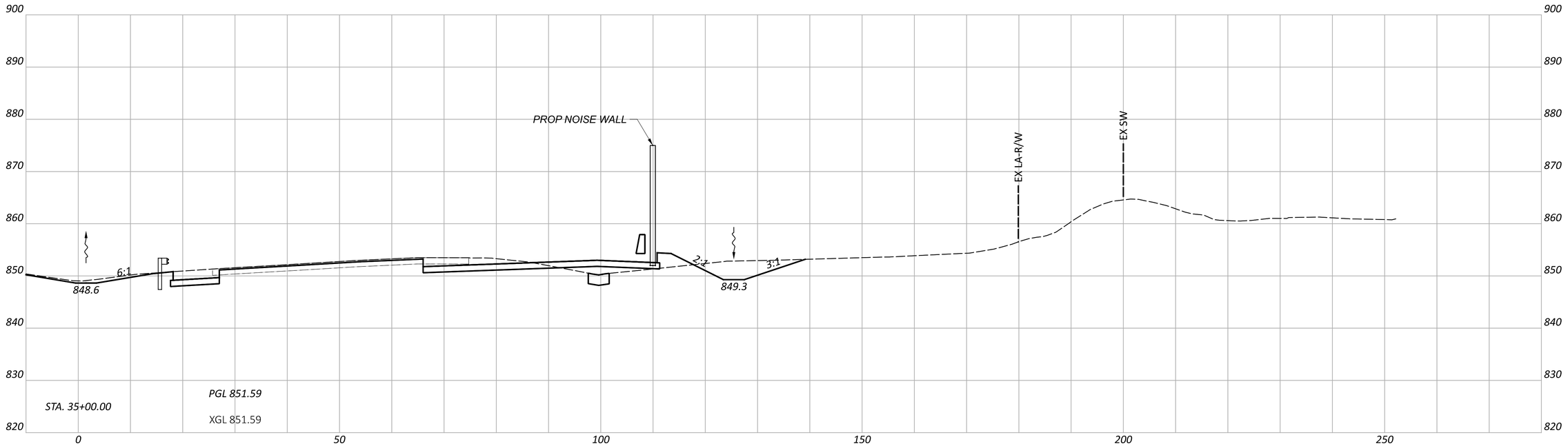
REVIEWER
KAM 08/07/26

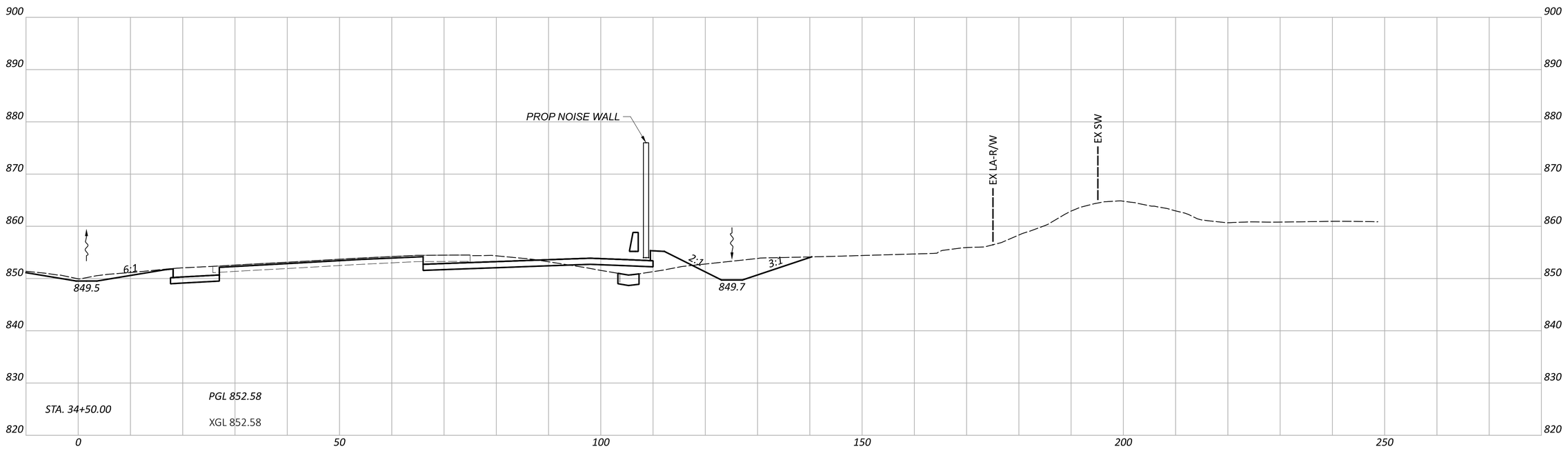
PROJECT ID
96808

SHEET P.0510 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 34+50.00 TO STA. 35+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

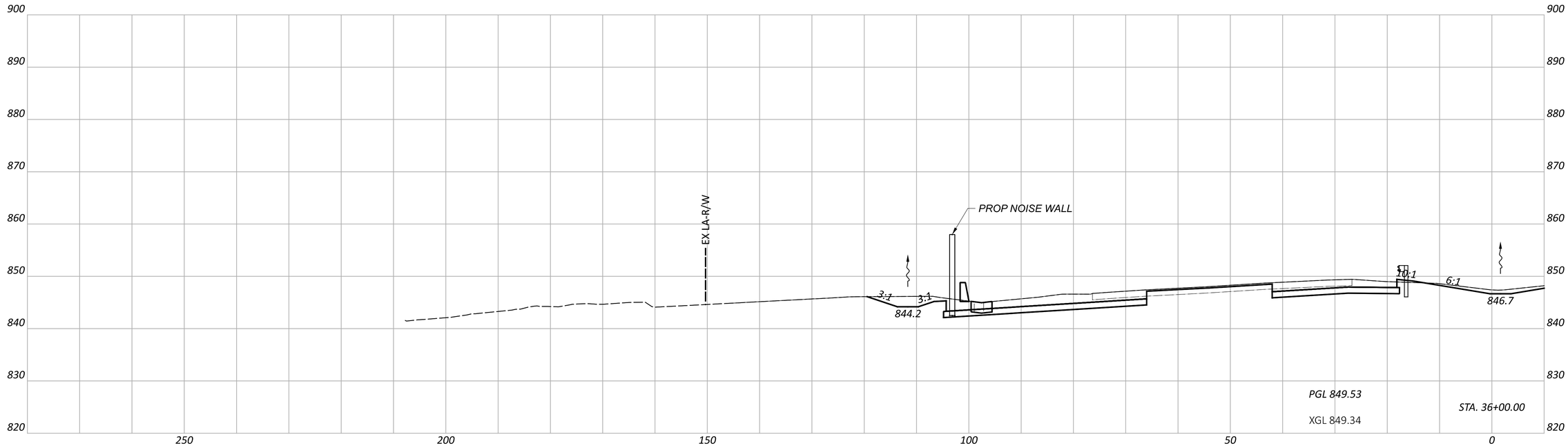
DESIGNER
BER

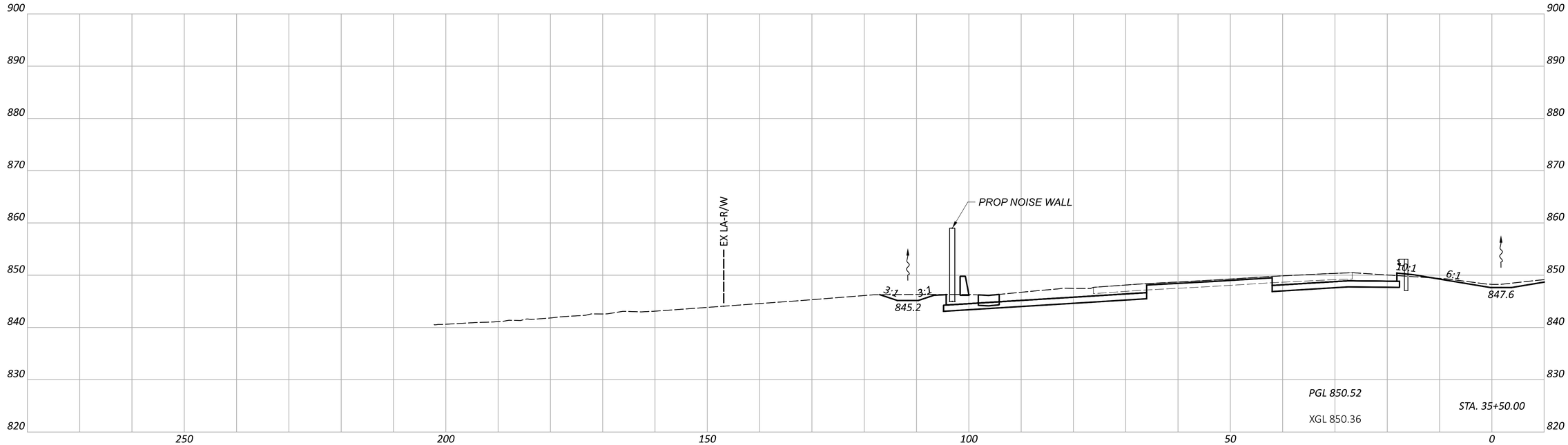
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0511 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 35+50.00 TO STA. 36+00.00

FAI/LIC-IR 70-0.00/0.00

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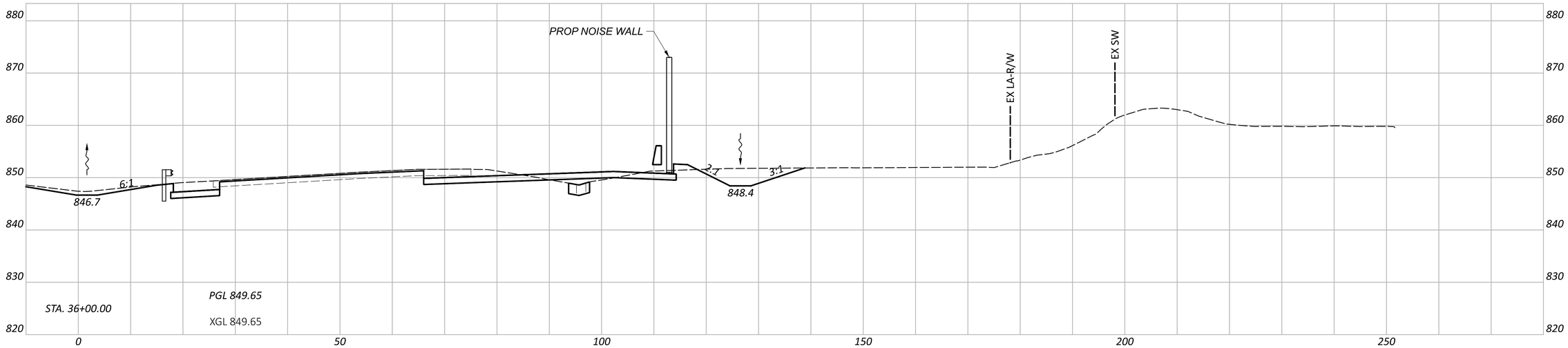
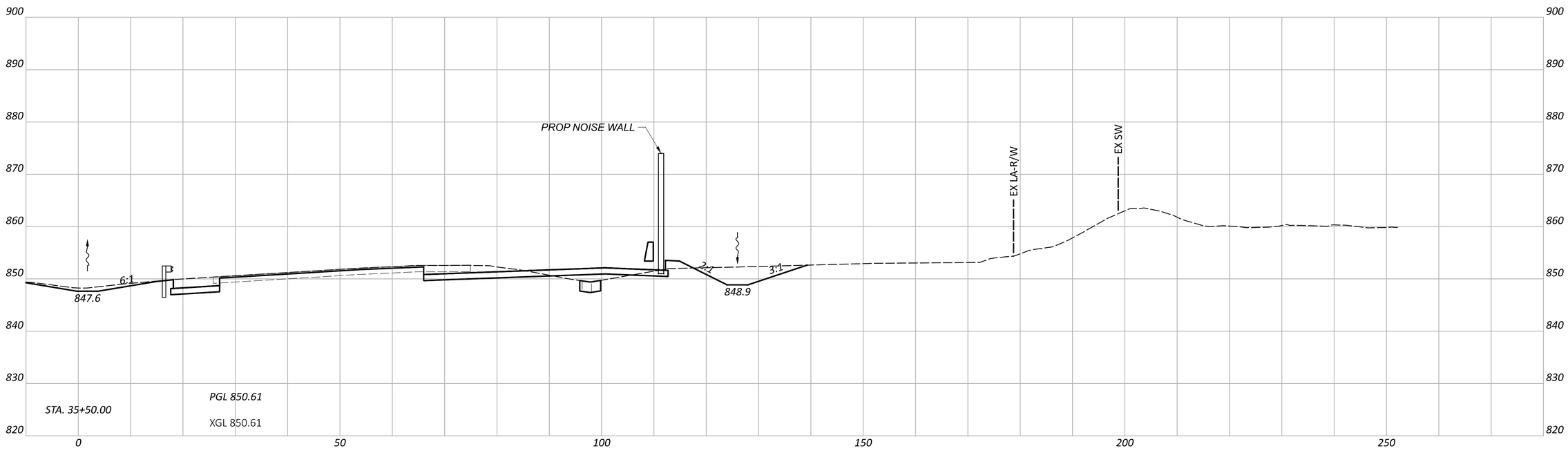
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0512
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 35+50.00 TO STA. 36+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0513 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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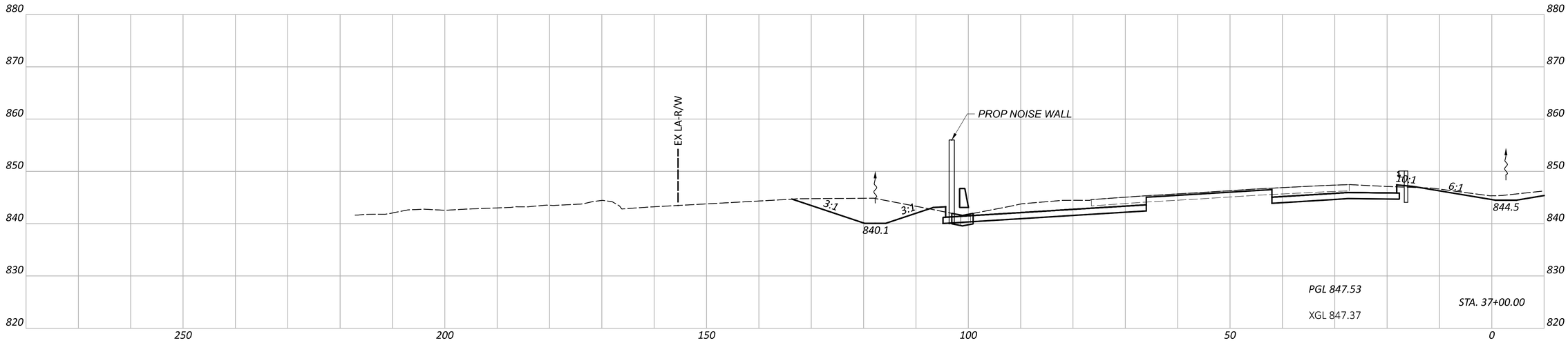
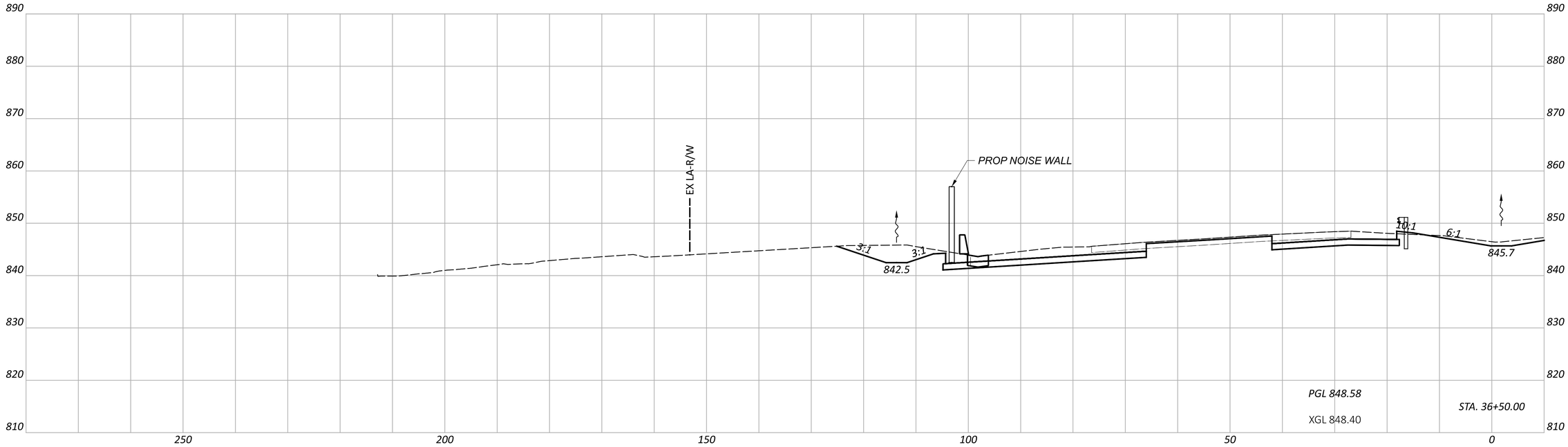
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 36+50.00 TO STA. 37+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0514 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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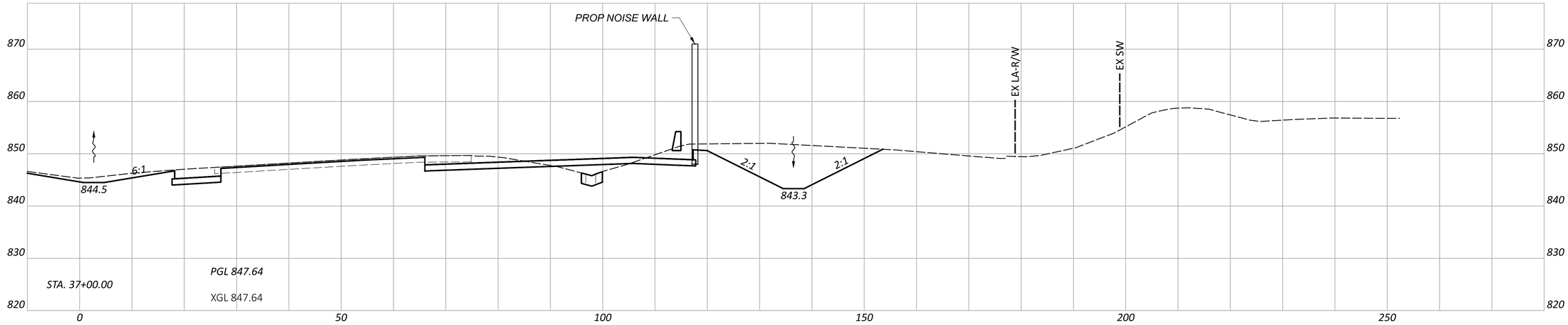
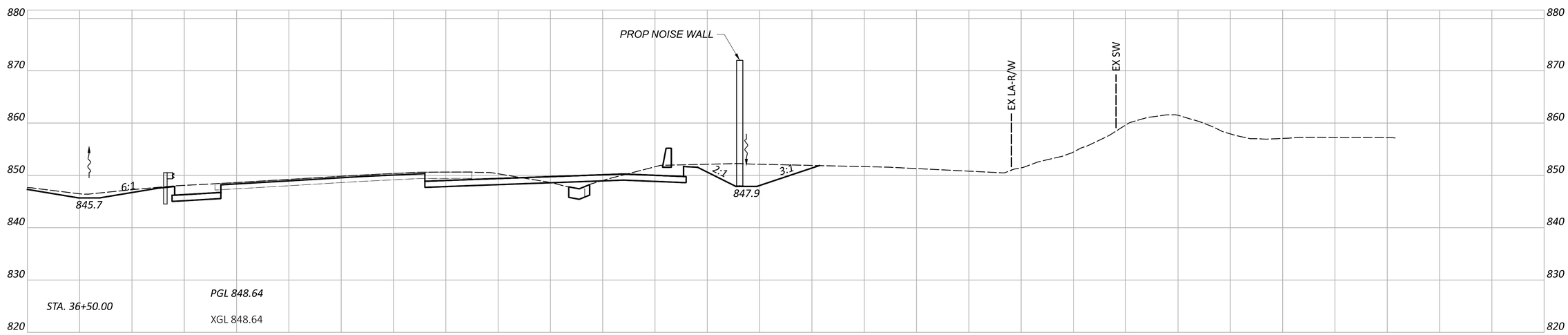
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 36+50.00 TO STA. 37+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

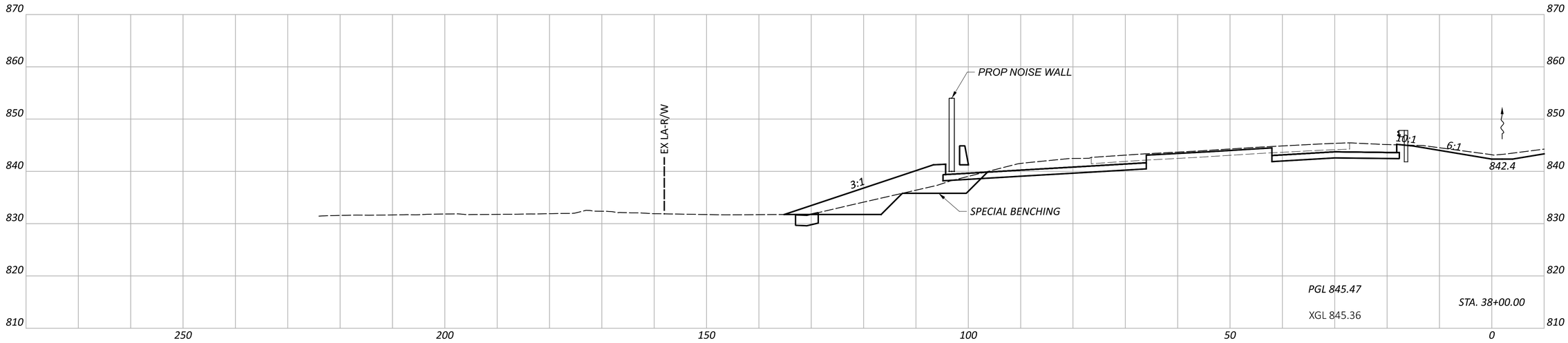
DESIGNER: BER

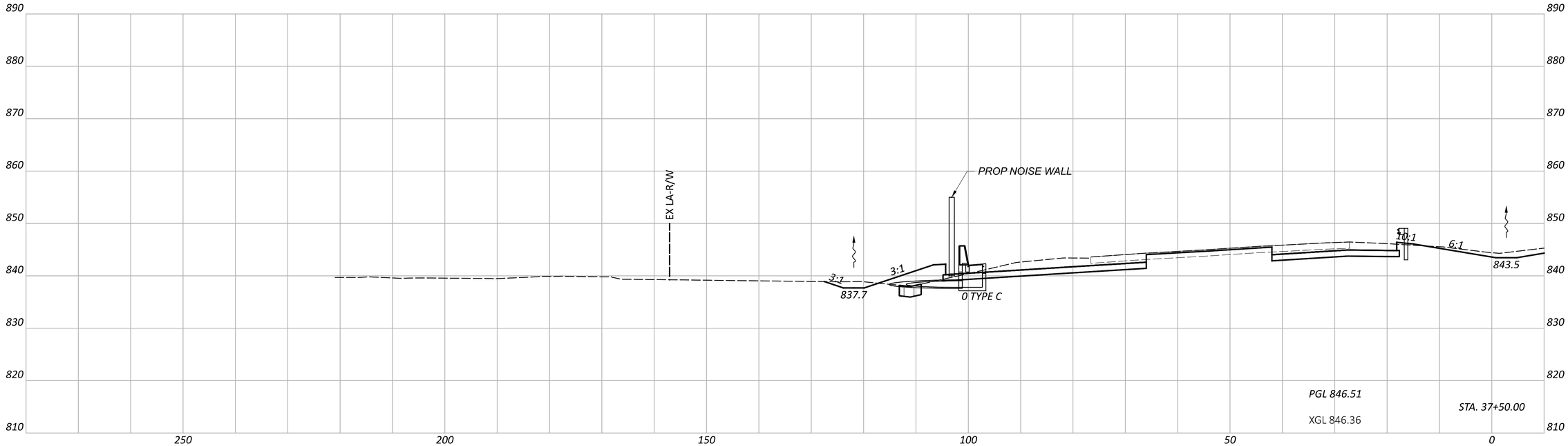
REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0515 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 37+50.00 TO STA. 38+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0516 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 37+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:20 AM USER: brieder
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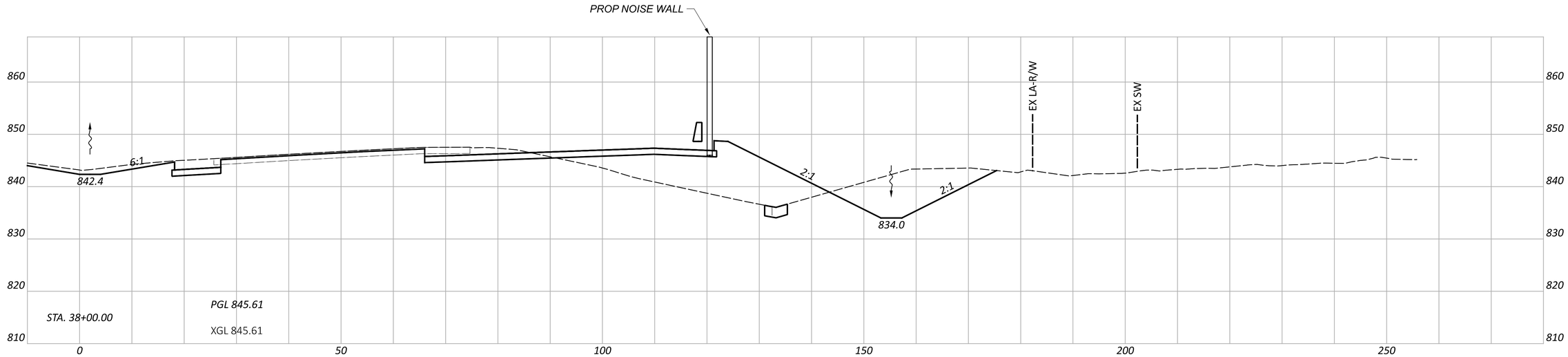
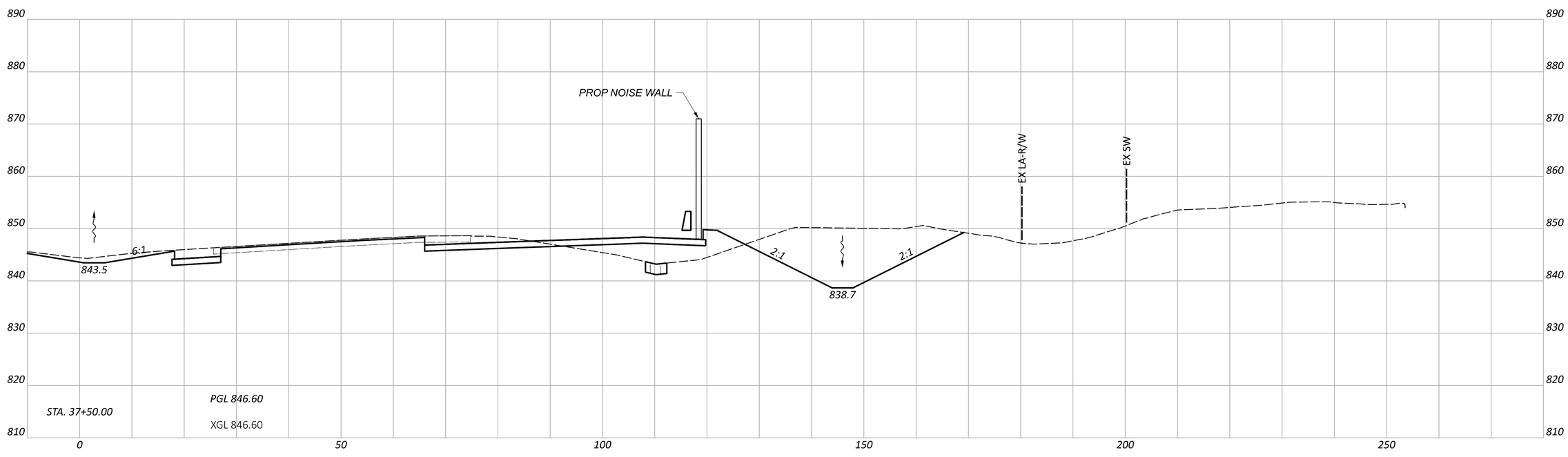
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 37+50.00 TO STA. 38+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0517 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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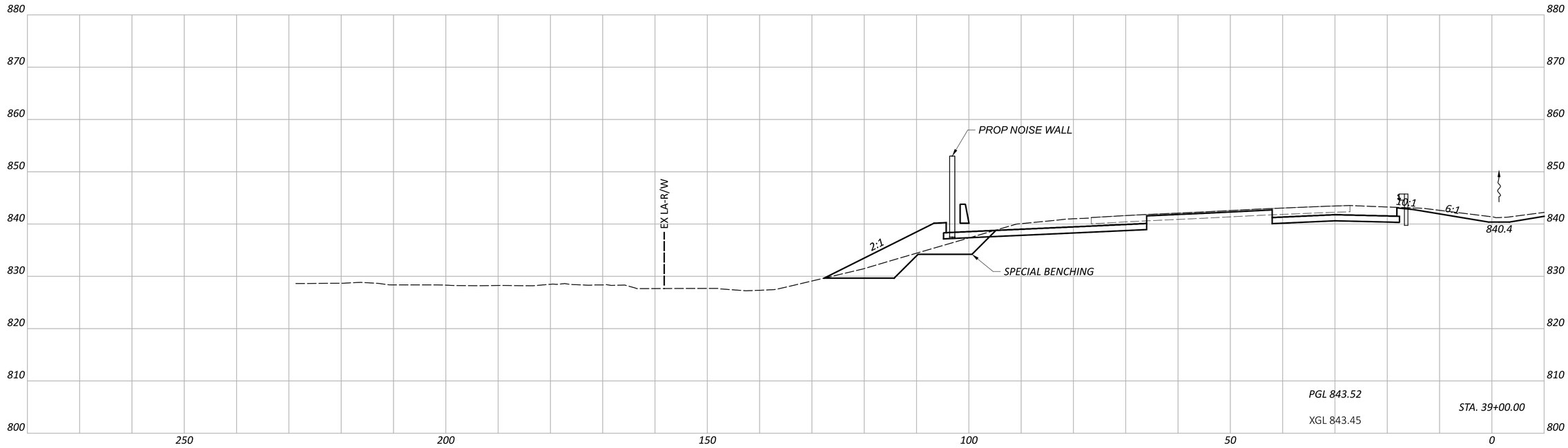
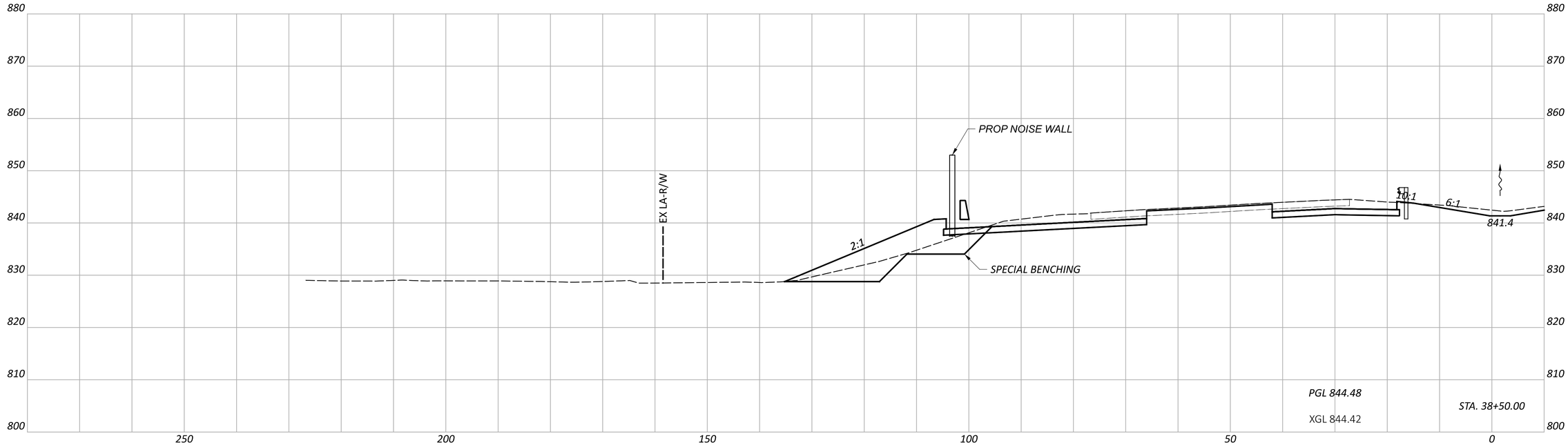
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 38+50.00 TO STA. 39+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 38+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:28 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

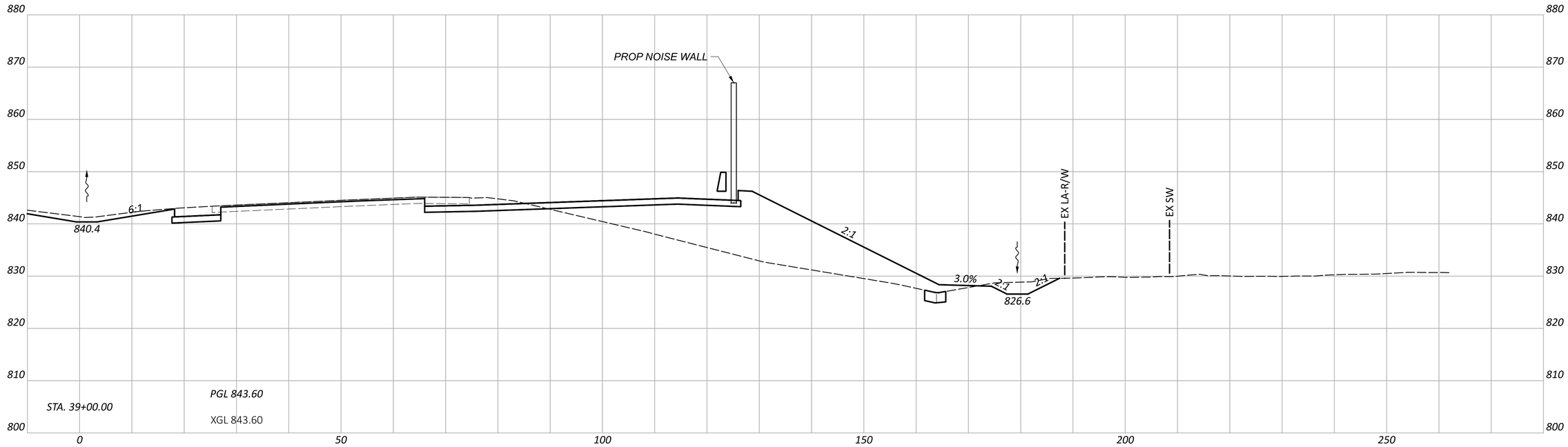
REVIEWER
KAM 08/07/26

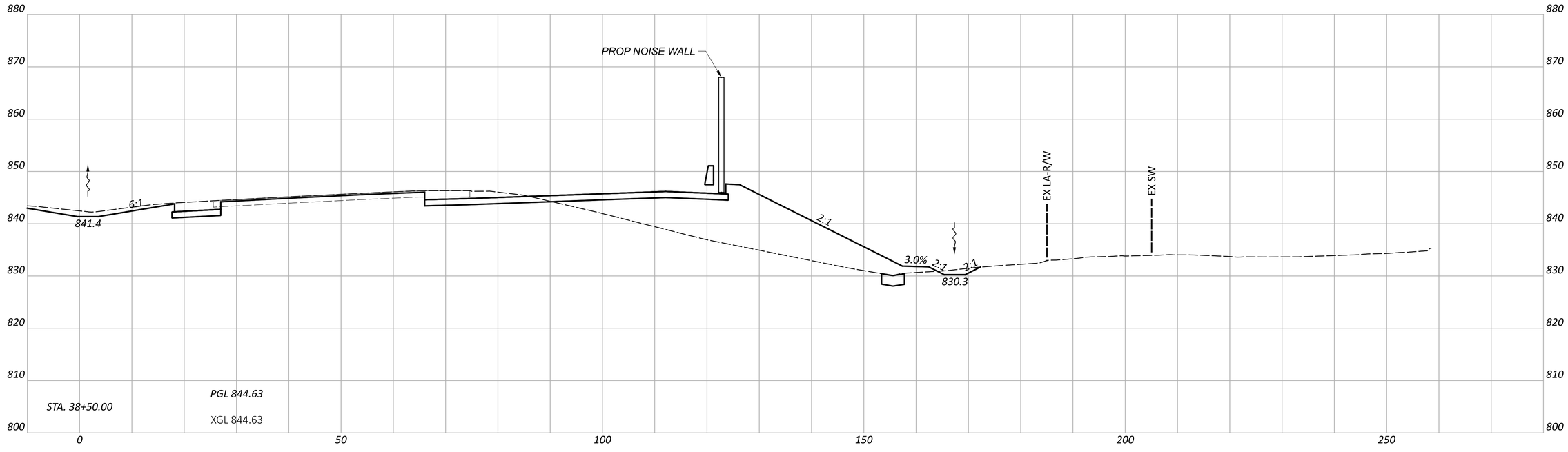
PROJECT ID
96808

SHEET P.0518 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 38+50.00 TO STA. 39+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

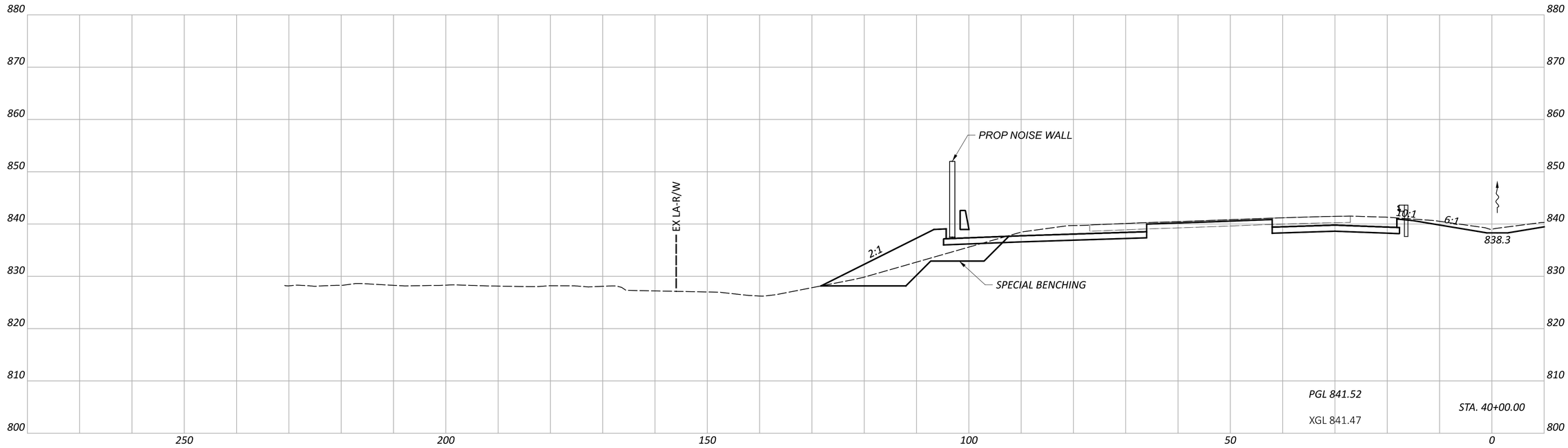
DESIGNER
BER

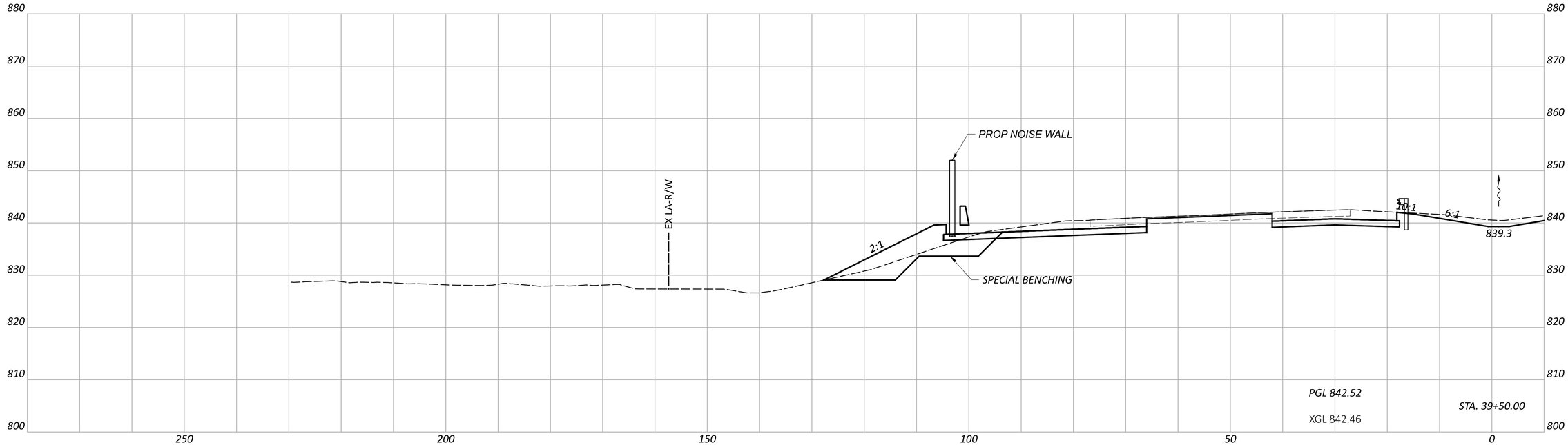
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0519 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 39+50.00 TO STA. 40+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 39+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:36 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

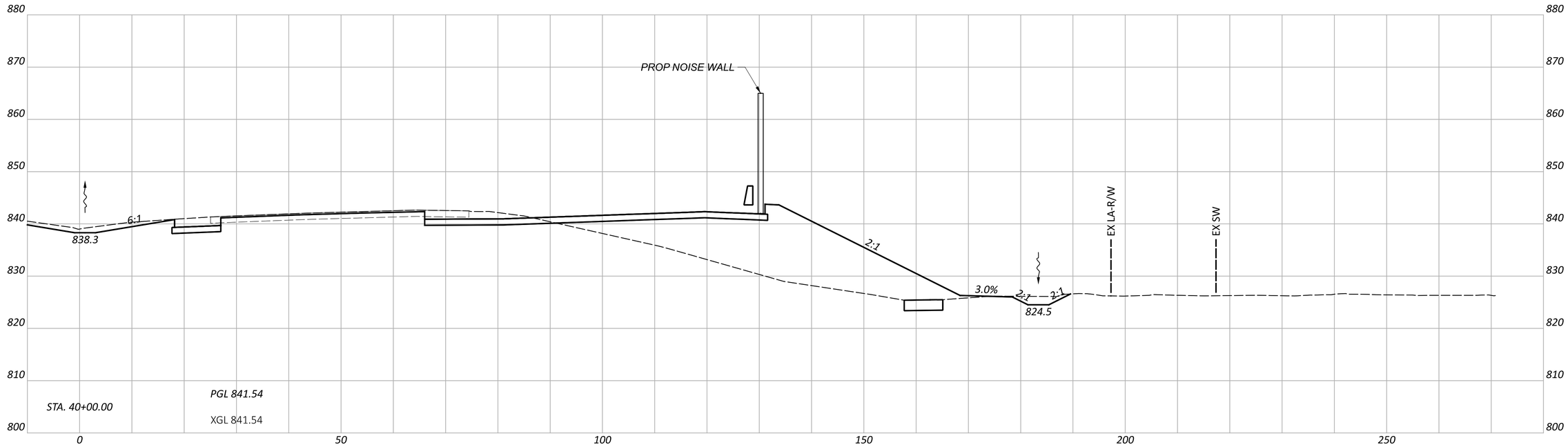
REVIEWER
KAM 08/07/26

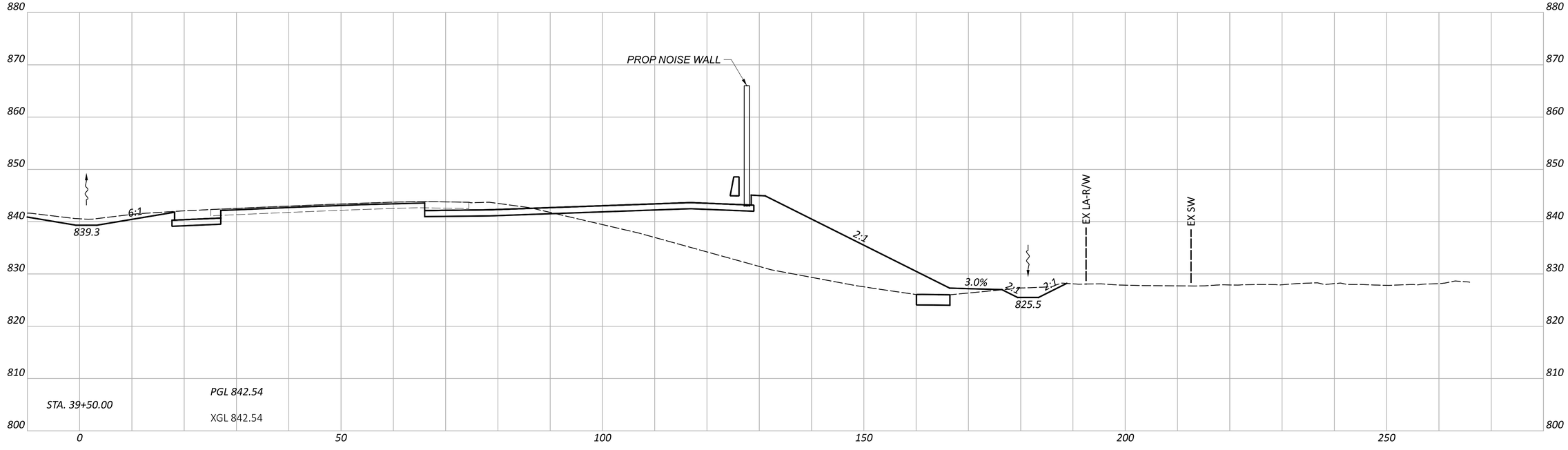
PROJECT ID
96808

SHEET P.0520 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 39+50.00 TO STA. 40+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 39+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:40 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

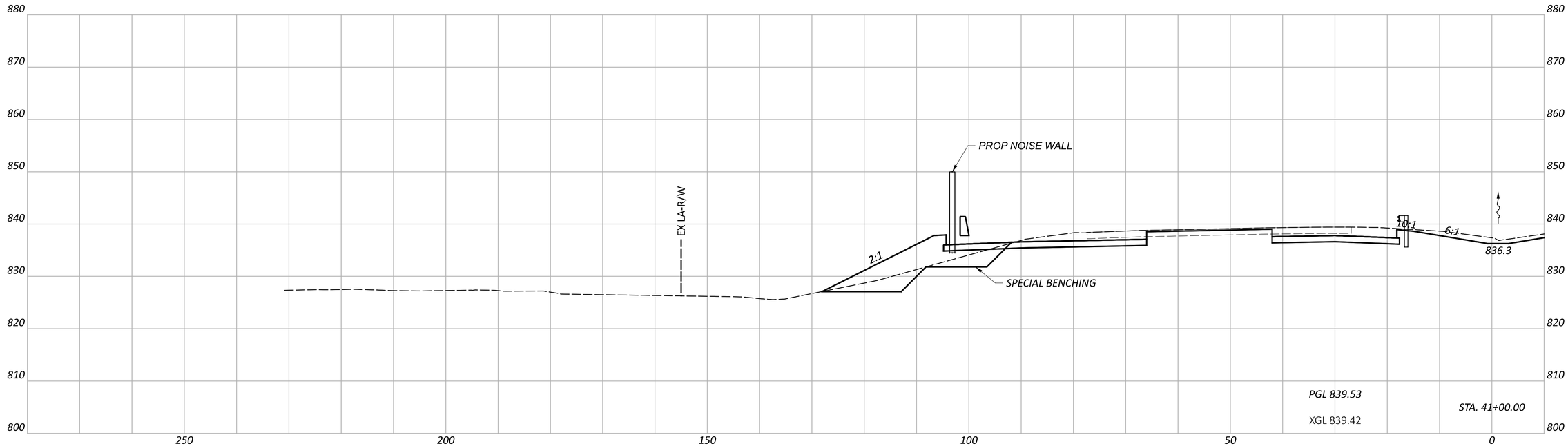
DESIGNER
BER

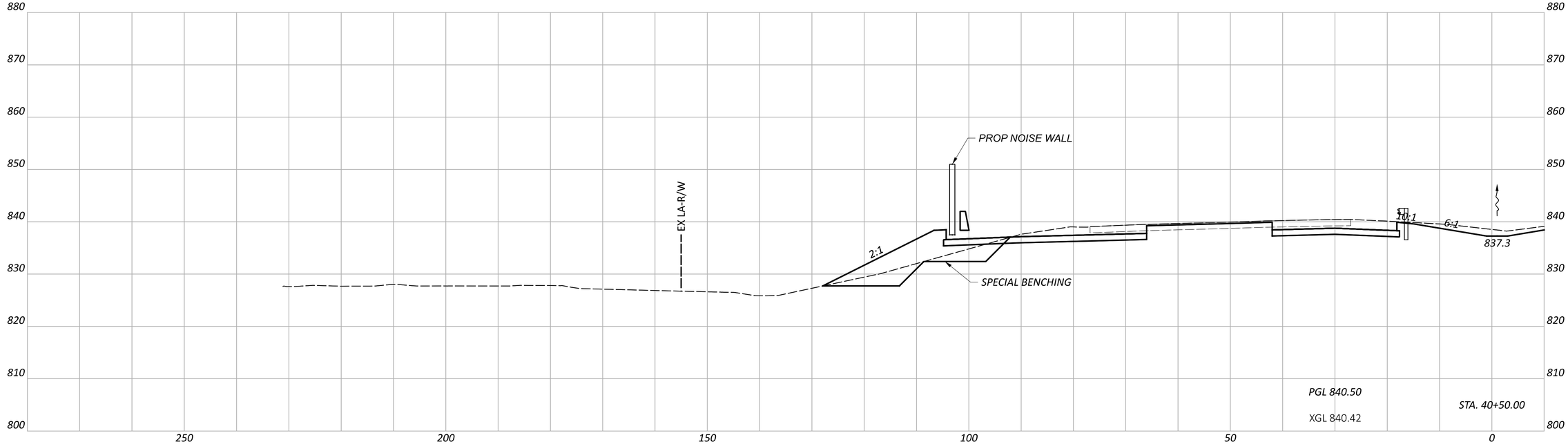
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0521 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 40+50.00 TO STA. 41+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 40+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:44 AM USER: brieder
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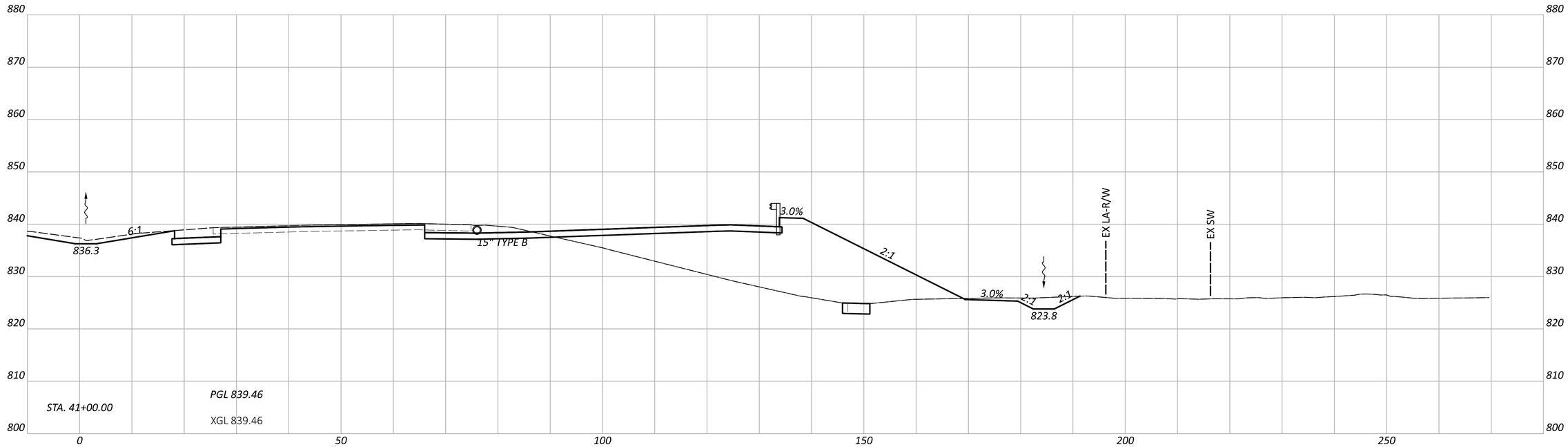
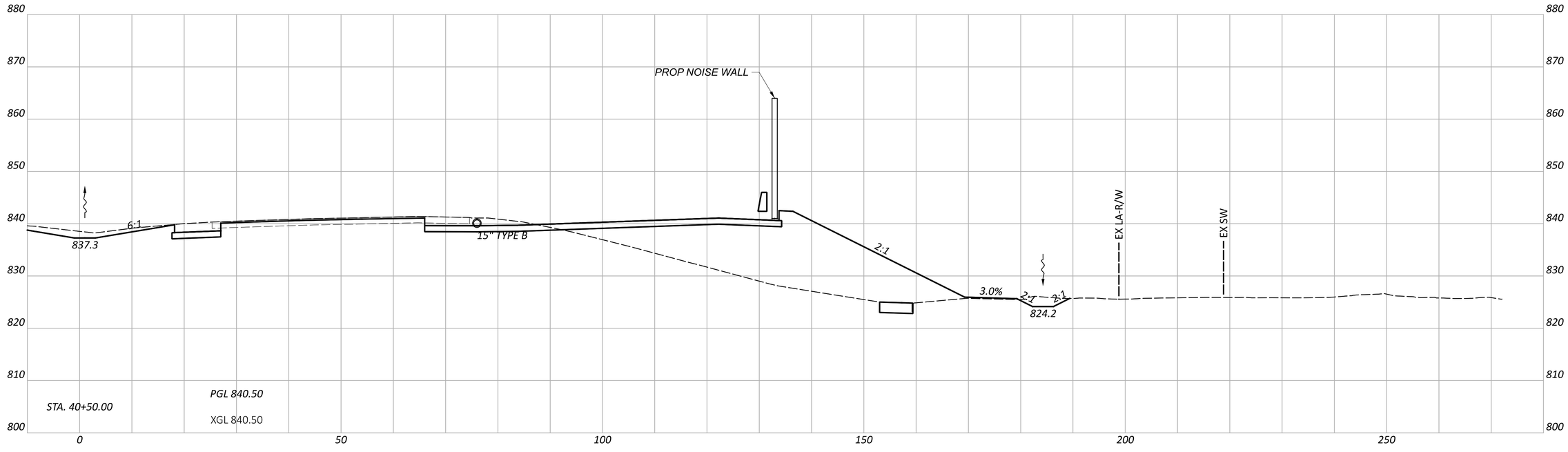
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0522
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 40+50.00 TO STA. 41+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0523 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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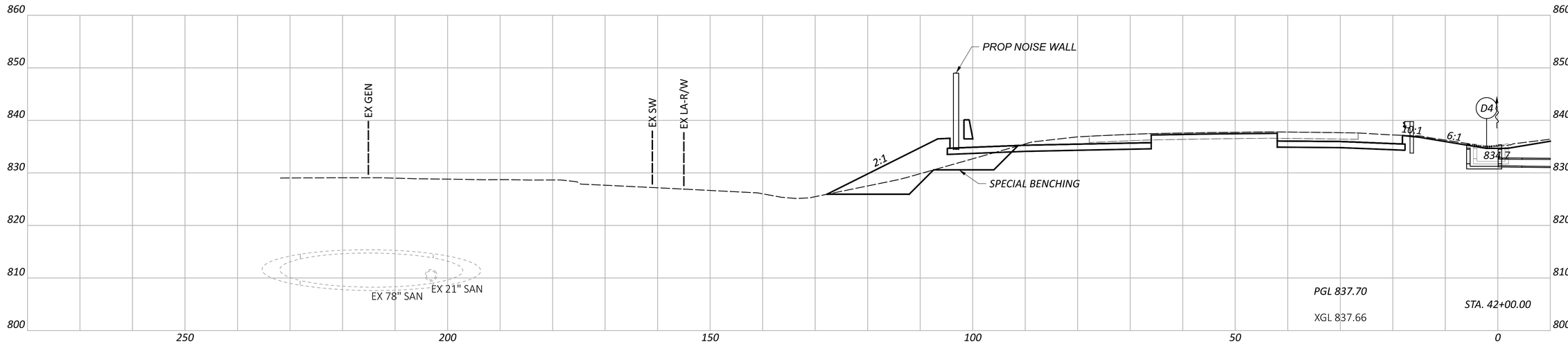
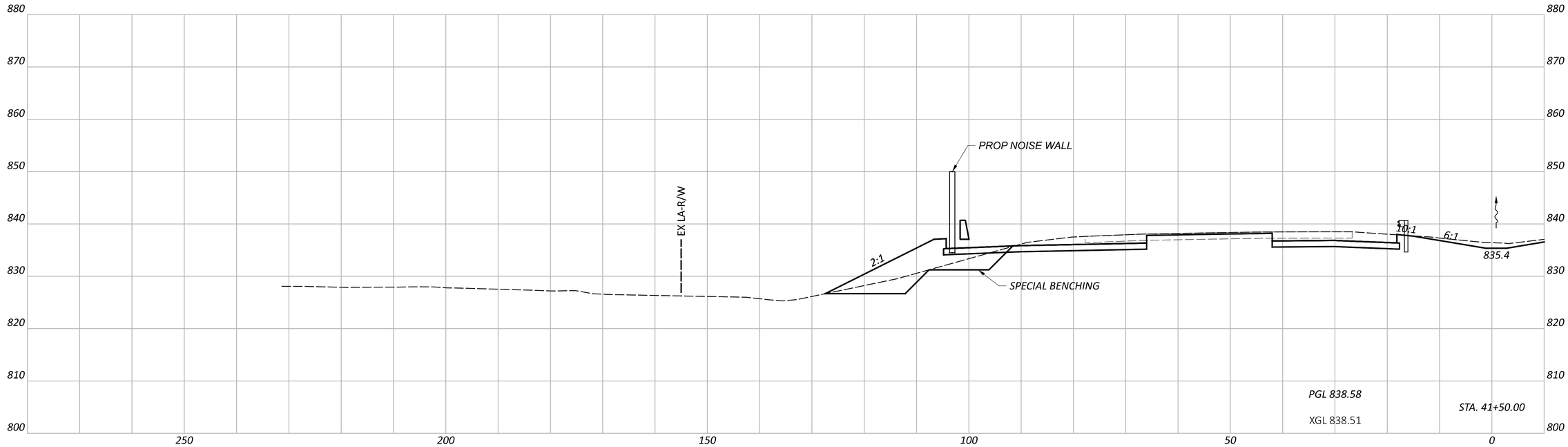
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - IR 70 WB
STA. 41+50.00 TO STA. 42+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

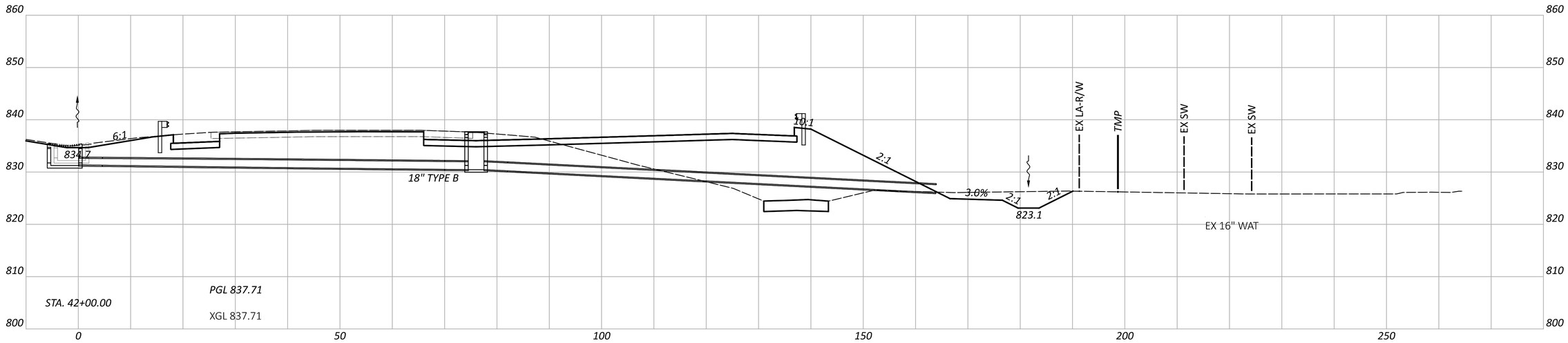
SHEET P.0524 TOTAL P.2024

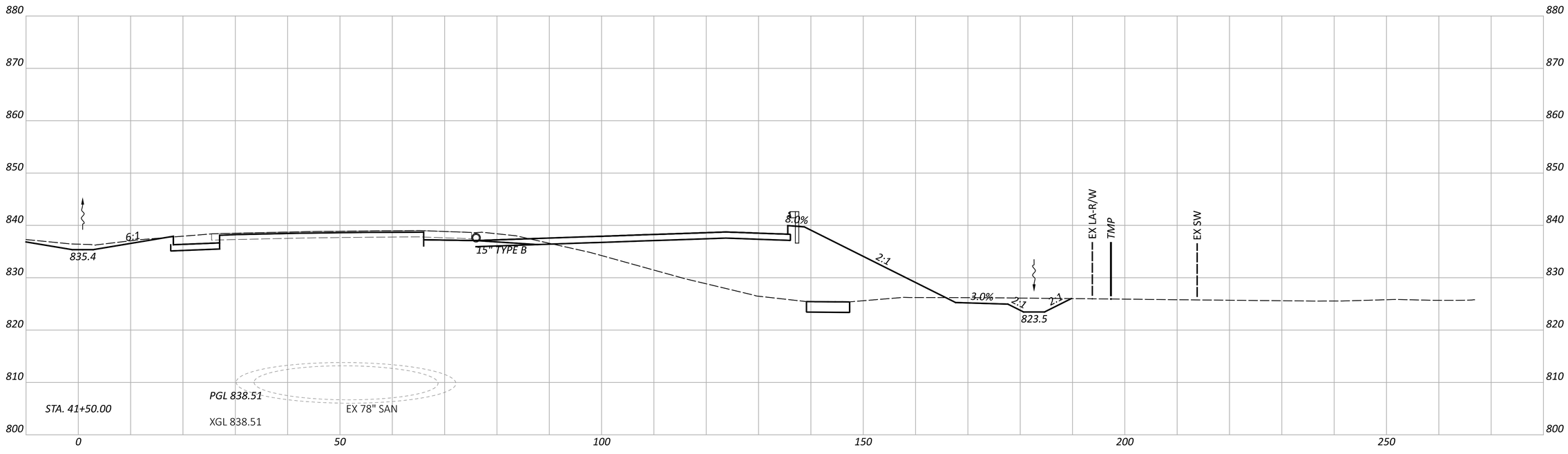
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 41+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:54 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 41+50.00 TO STA. 42+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

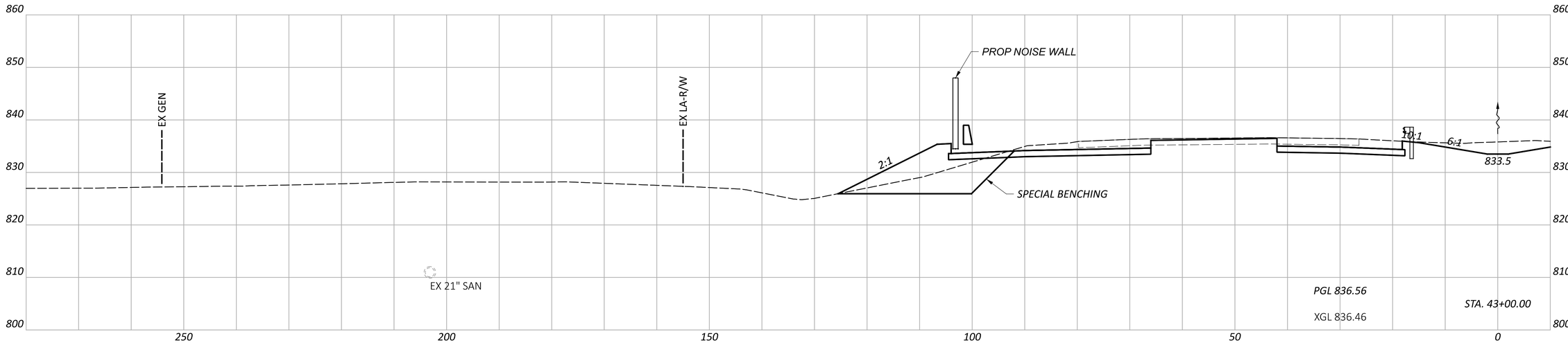
PROJECT ID
96808

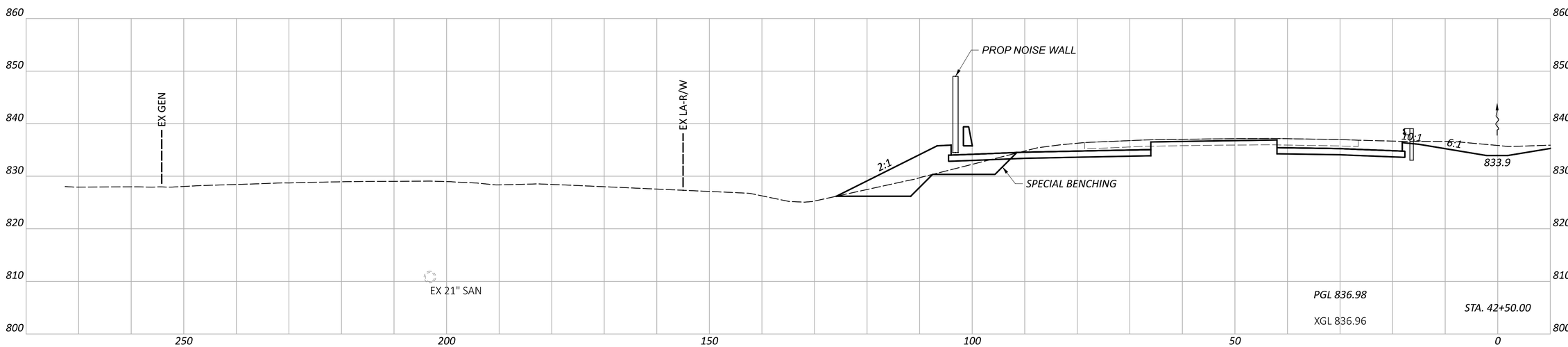
SHEET P.0525 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 41+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:54:59 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 42+50.00 TO STA. 43+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 42+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:03 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

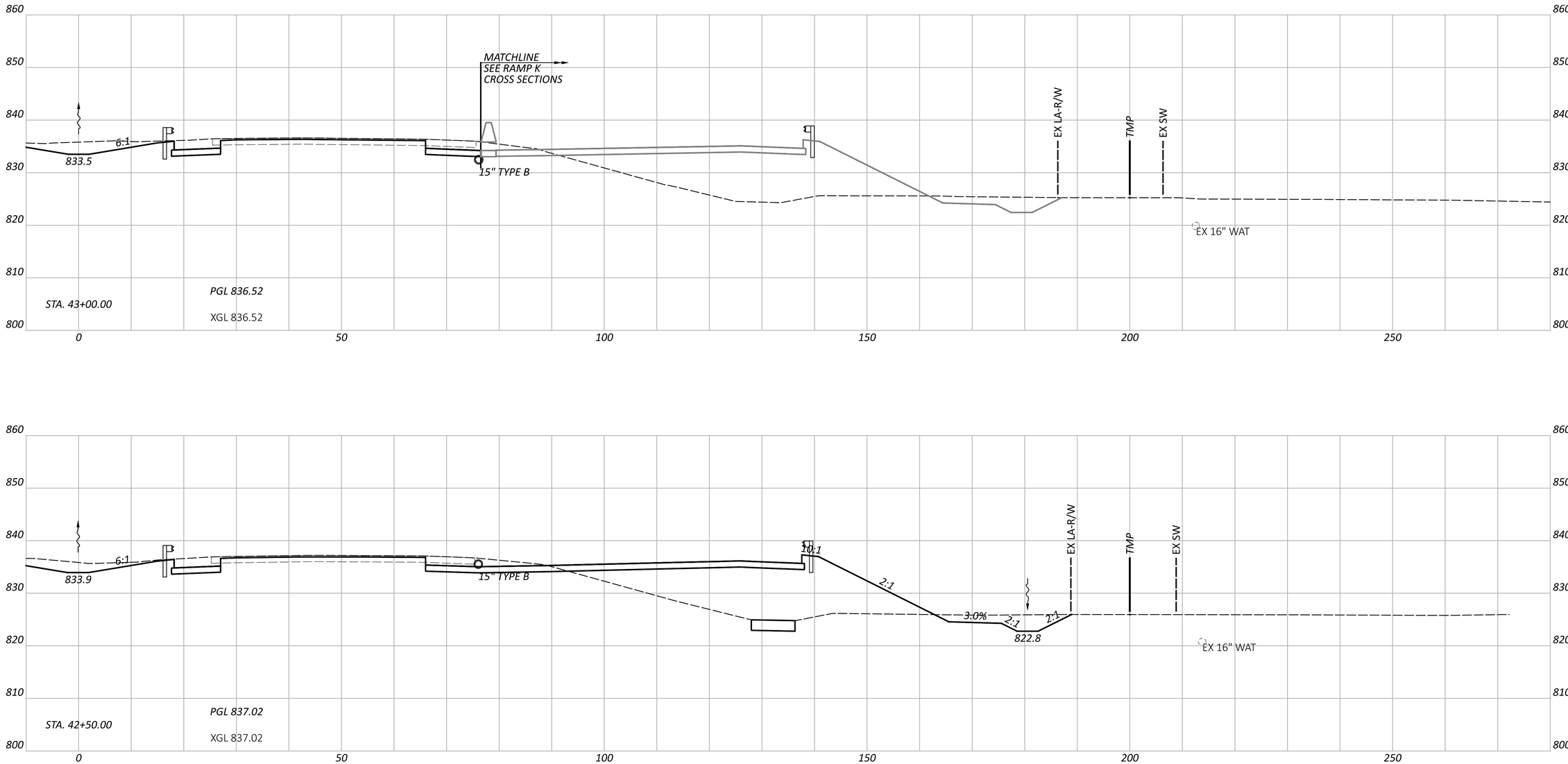
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0526 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 &DC209

CROSS SECTIONS - IR 70 EB
STA. 42+50.00 TO STA. 43+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0527
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 42+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:08 AM USER: brieder
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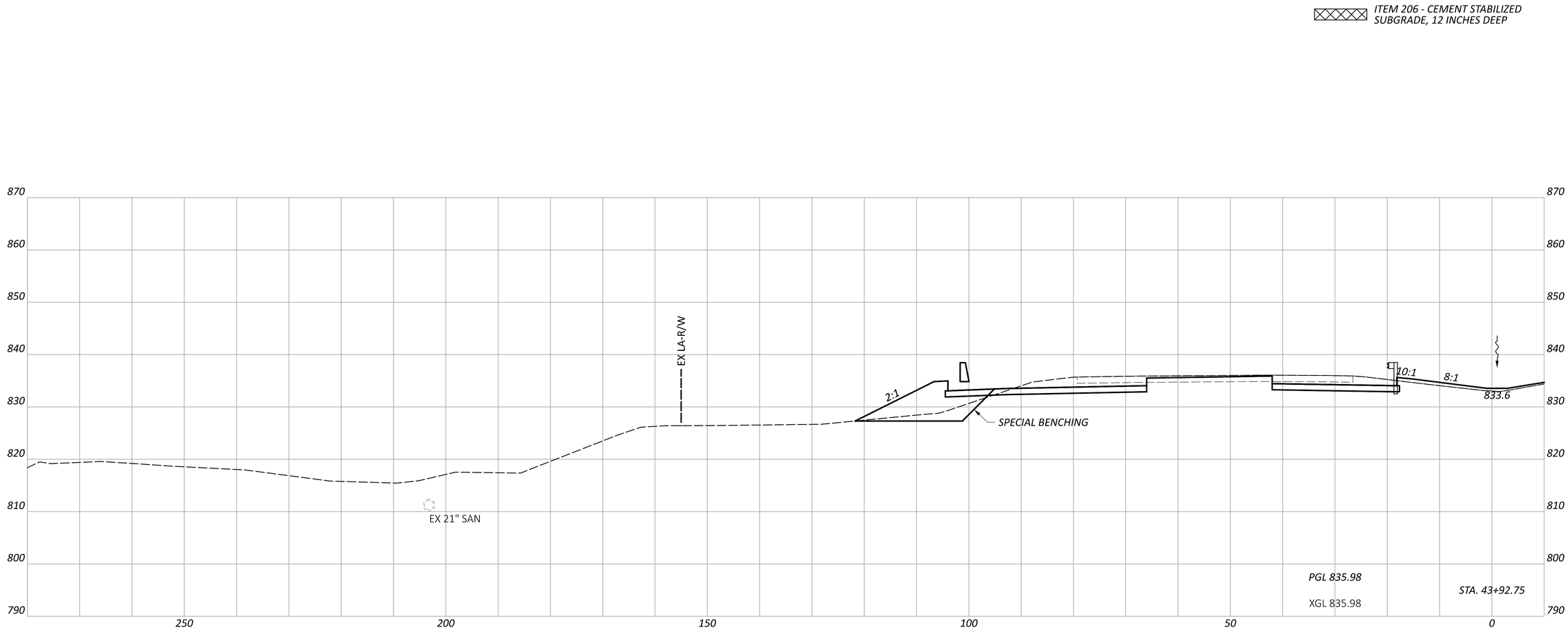

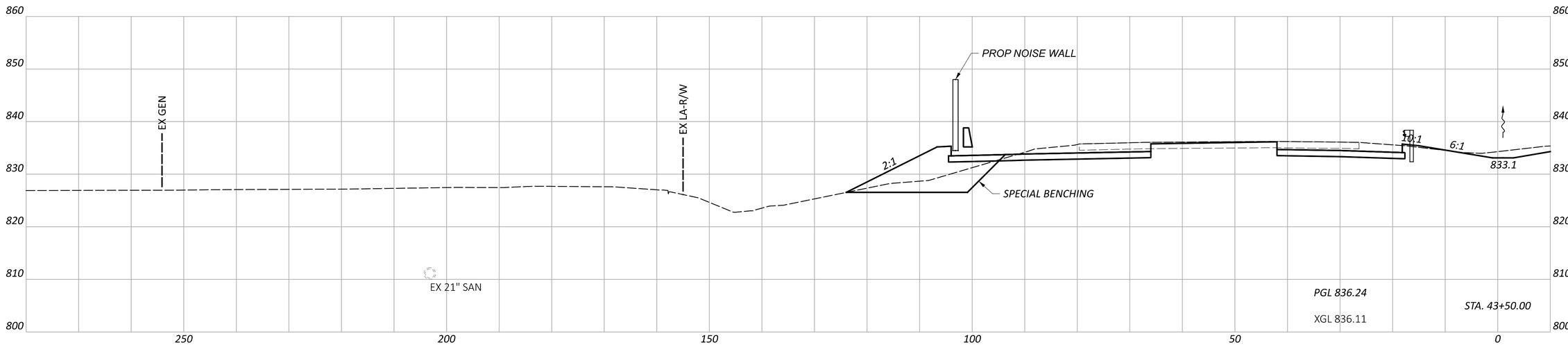

CROSS SECTIONS - IR 70 WB
STA. 43+50.00 TO STA. 43+92.75

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 43+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:13 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

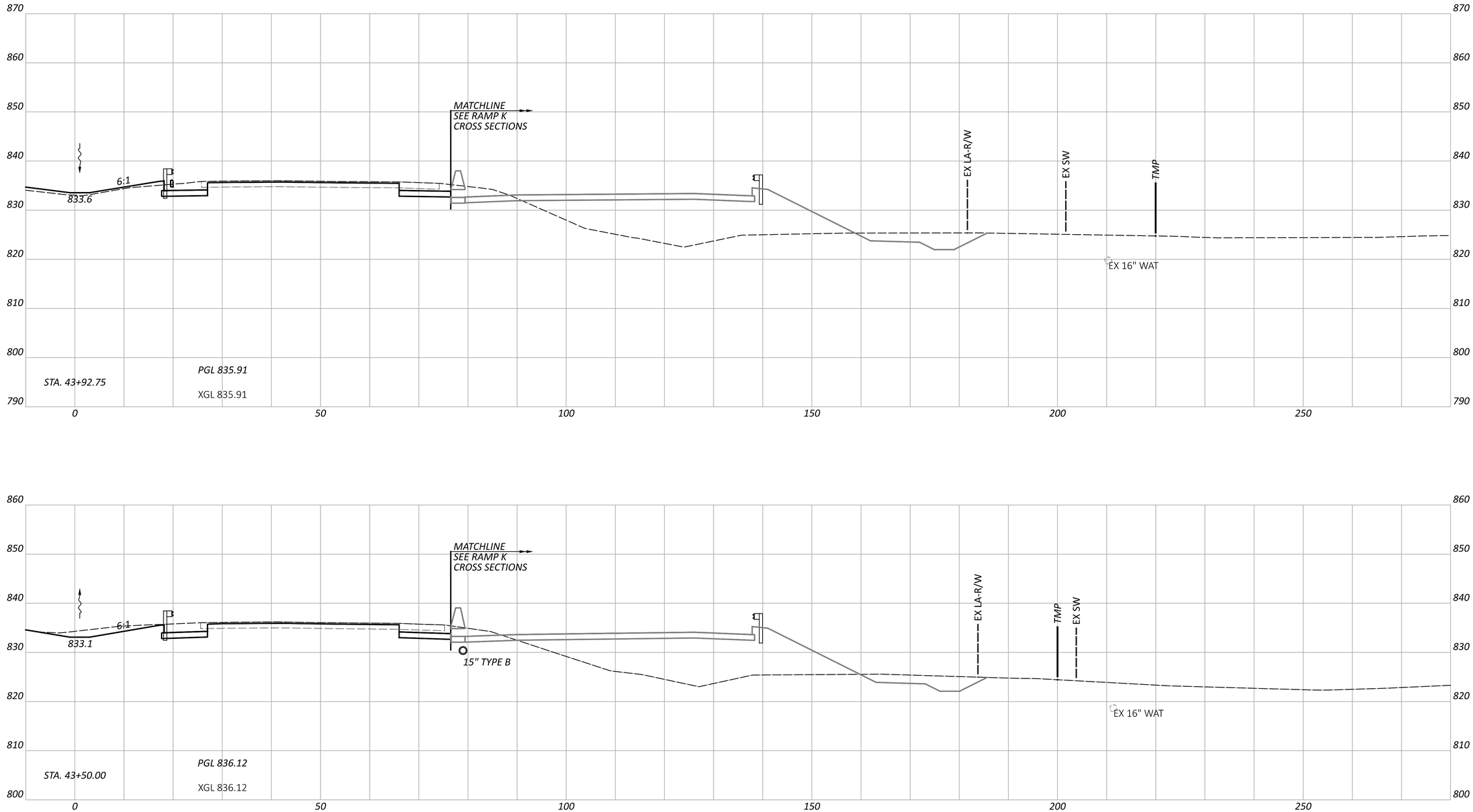
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0528 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 43+50.00 TO STA. 43+92.75

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 43+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:17 AM USER: brieder
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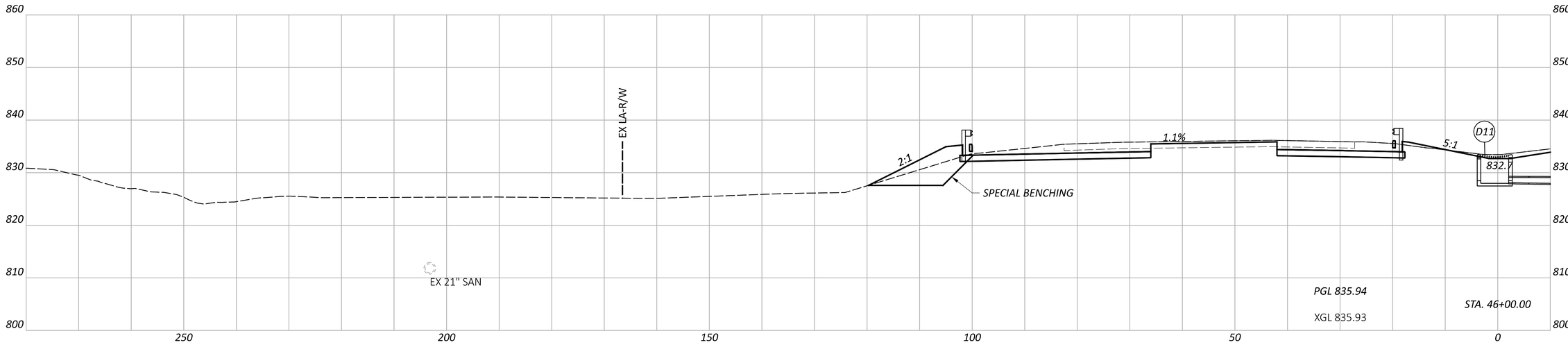
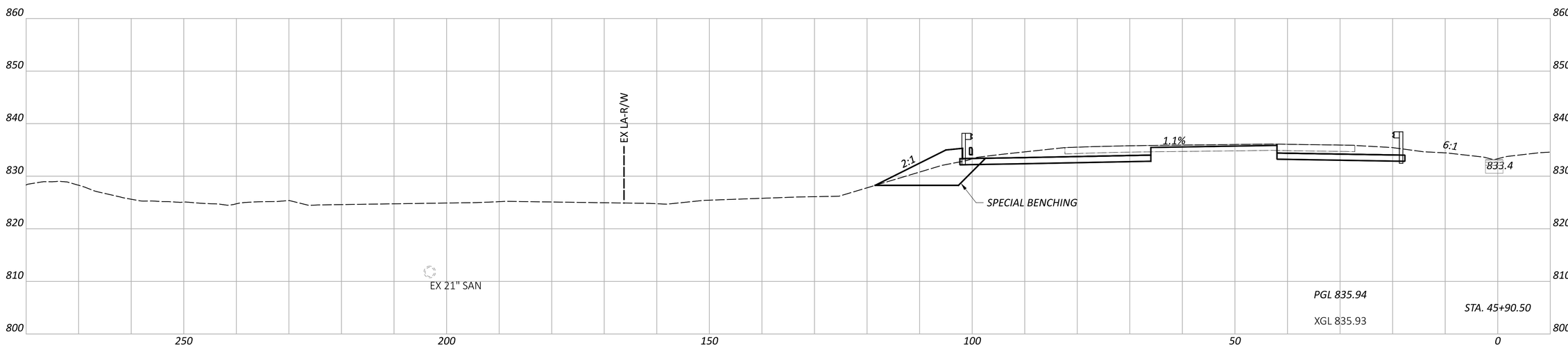
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0529
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 45+90.50 TO STA. 46+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 45+90.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:22 AM USER: brieder
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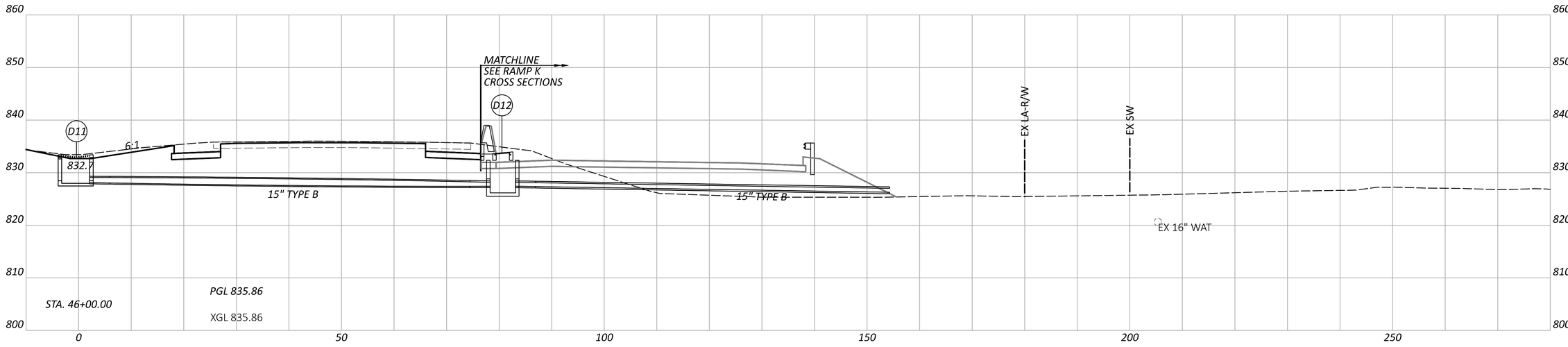
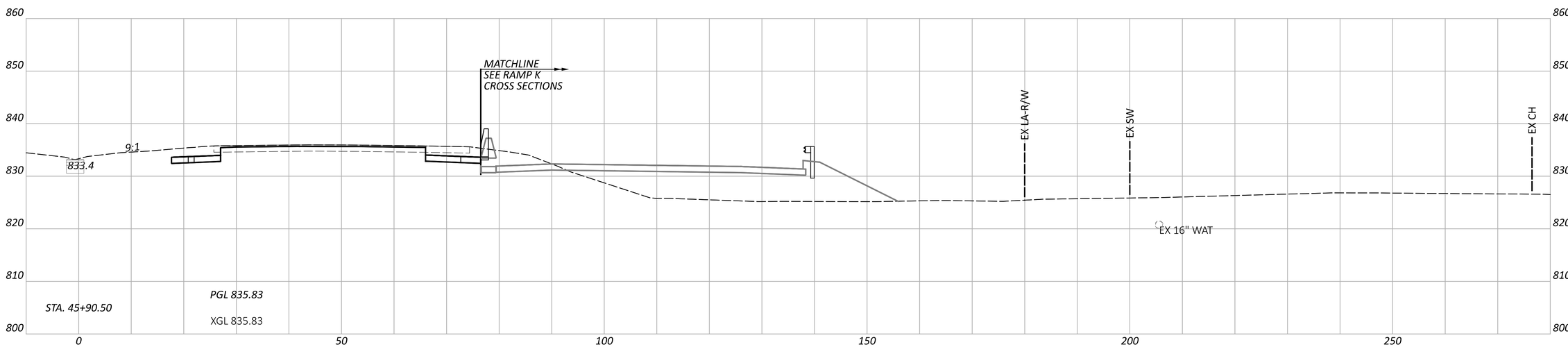
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0530
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 45+90.50 TO STA. 46+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 45+90.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:26 AM USER: brieder
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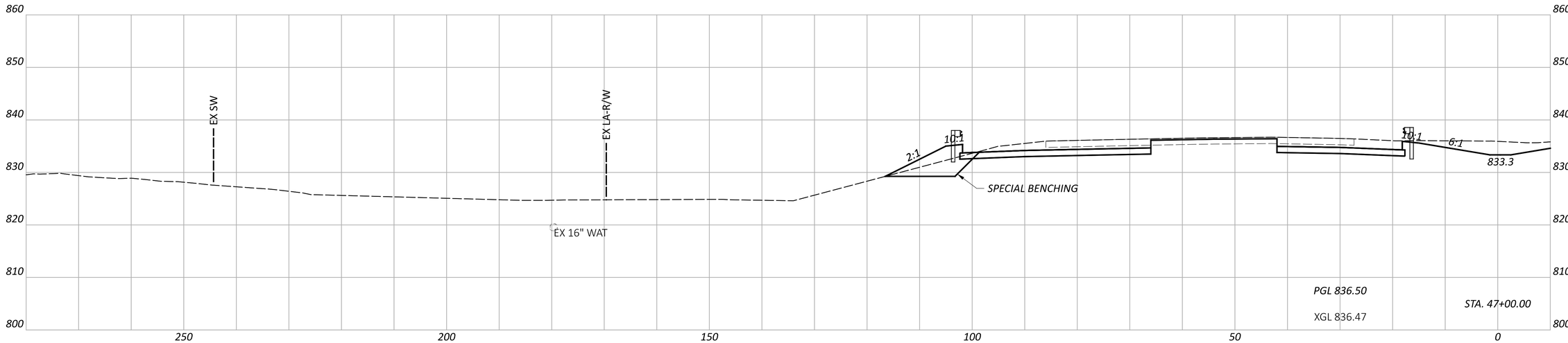
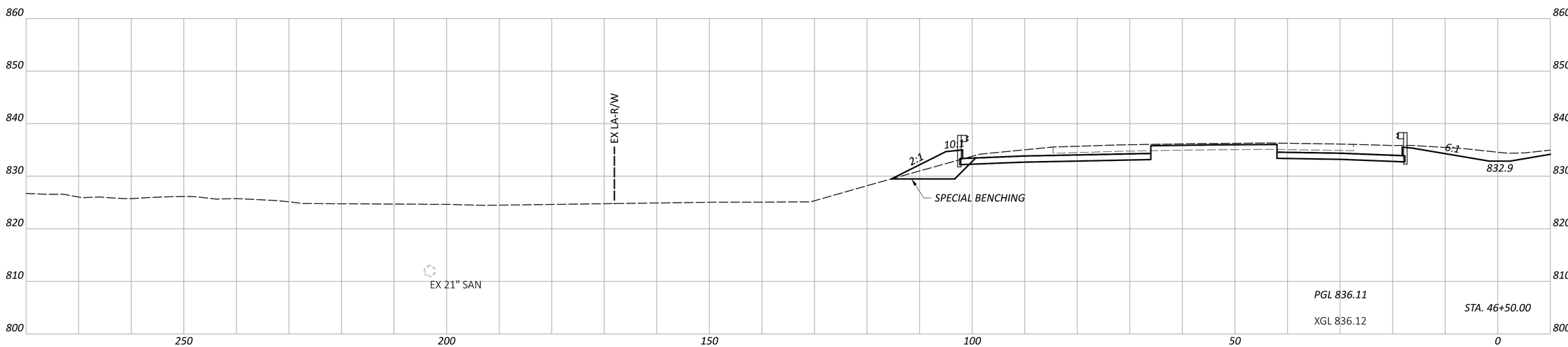
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0531 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 46+50.00 TO STA. 47+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 46+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:31 AM USER: brieder
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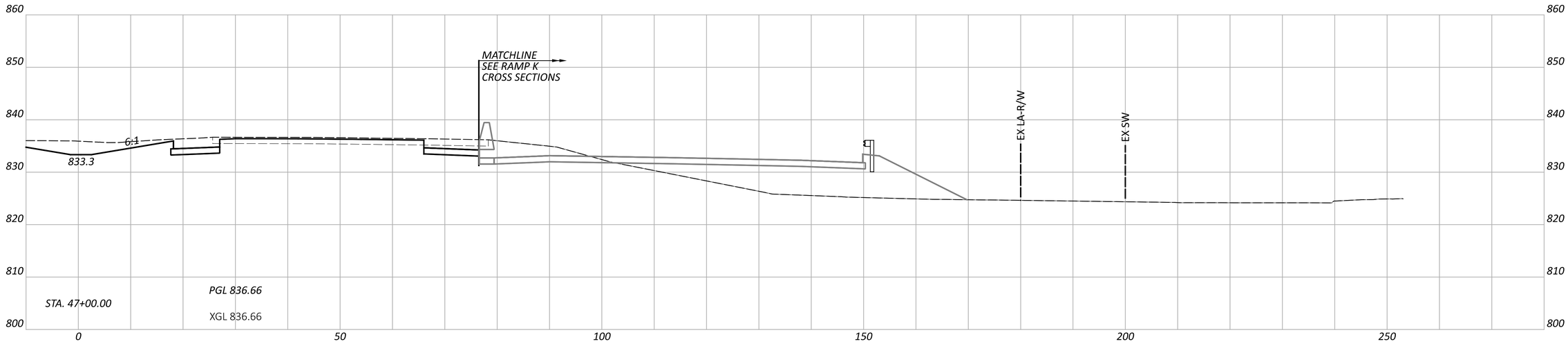
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0532
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 46+50.00 TO STA. 47+00.00

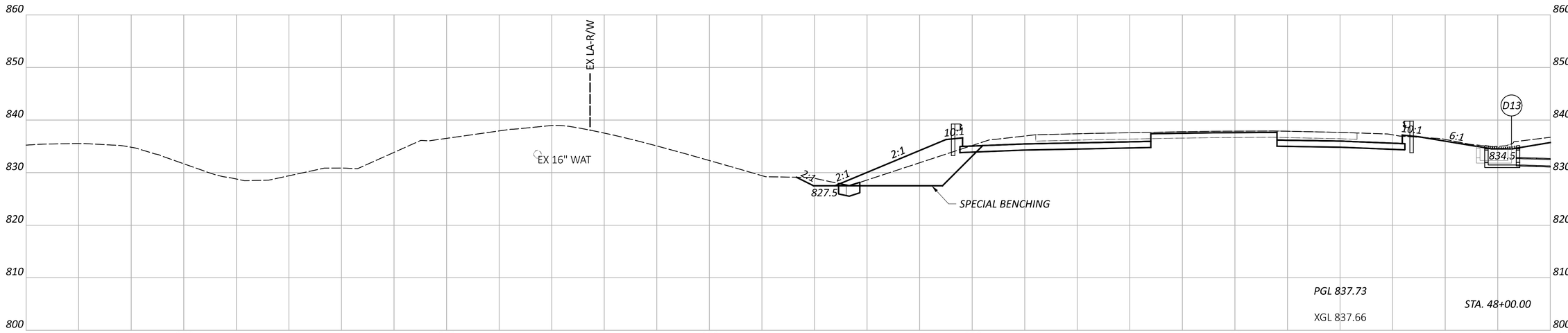
FAI/LIC-IR 70-0.00/0.00

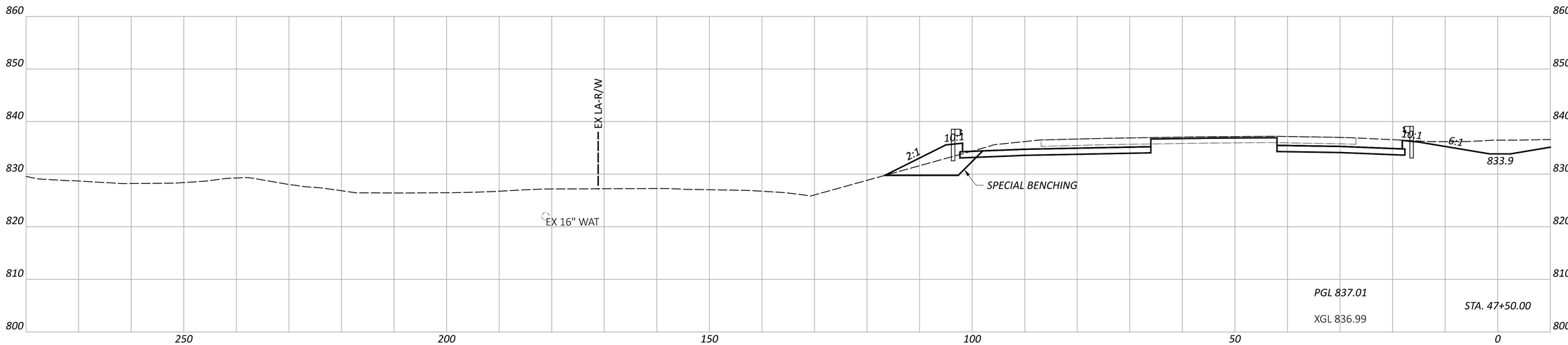
MODEL: CLP_I070_EB - A 46+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:35 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0533
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 47+50.00 TO STA. 48+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 47+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:39 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

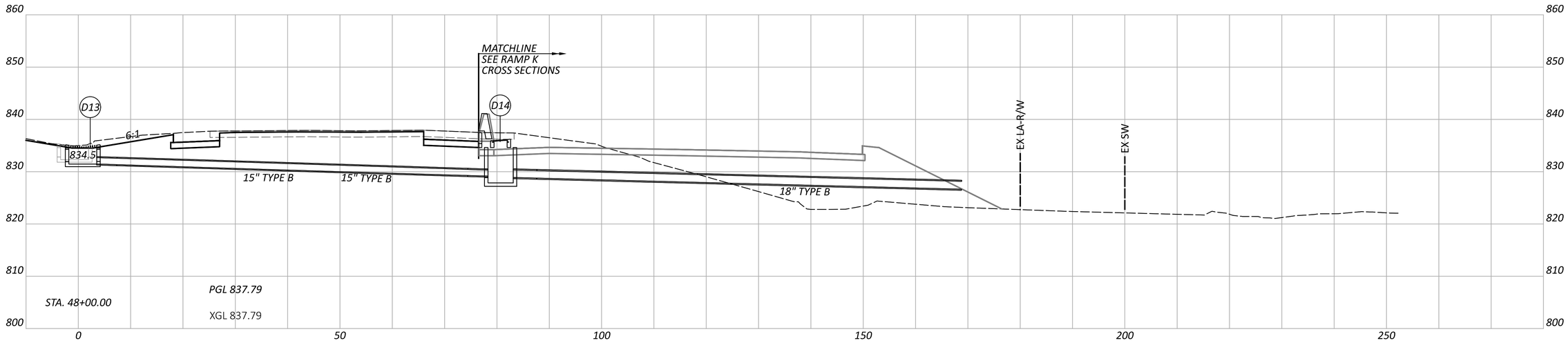
DESIGNER BER

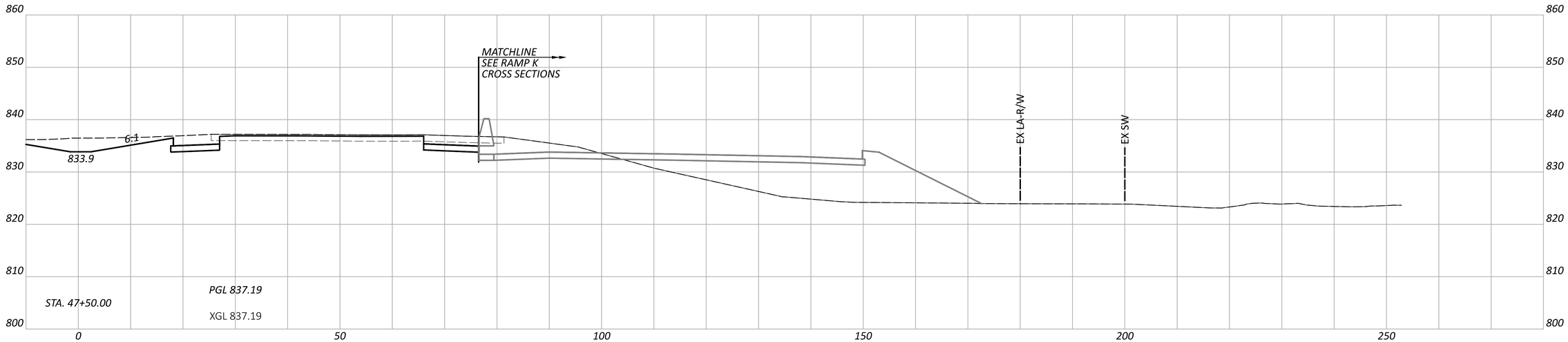
REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0534 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 47+50.00 TO STA. 48+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 47+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:44 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

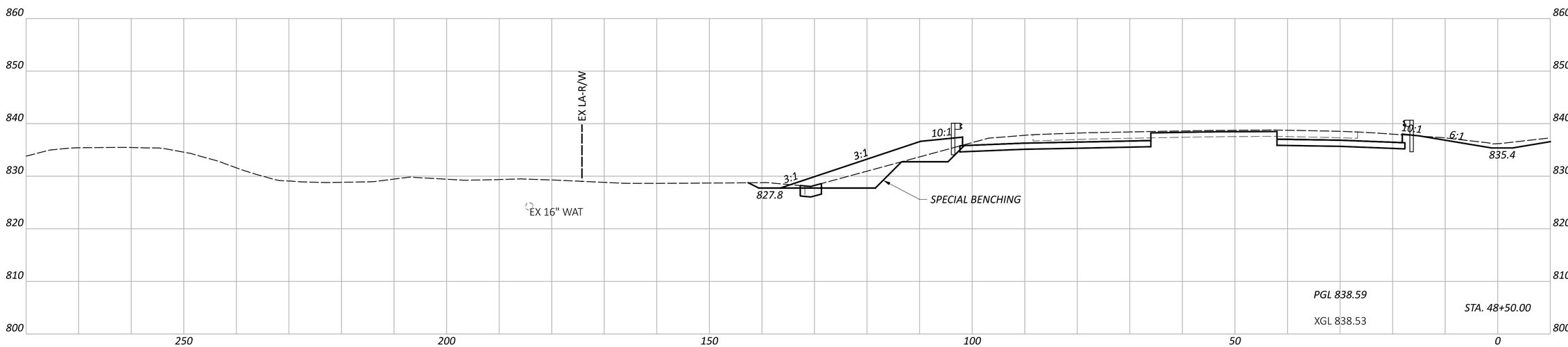
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0535 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 48+50.00 TO STA. 49+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 48+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:48 AM USER: brieder
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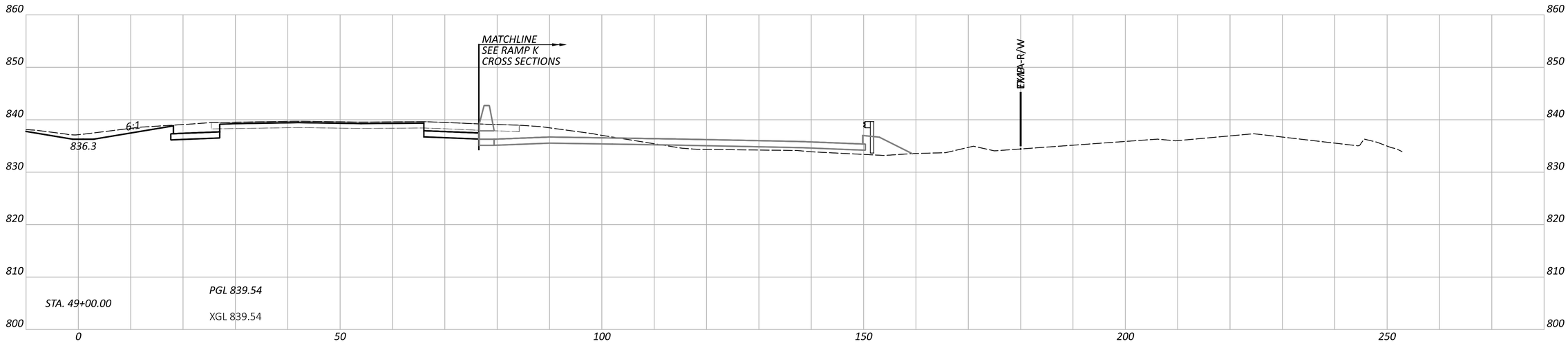
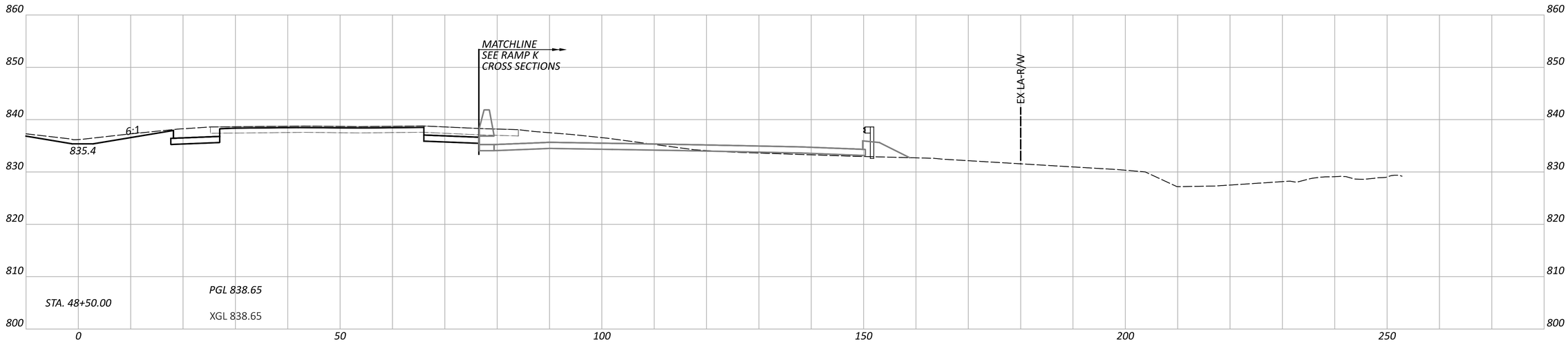
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0536
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 48+50.00 TO STA. 49+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

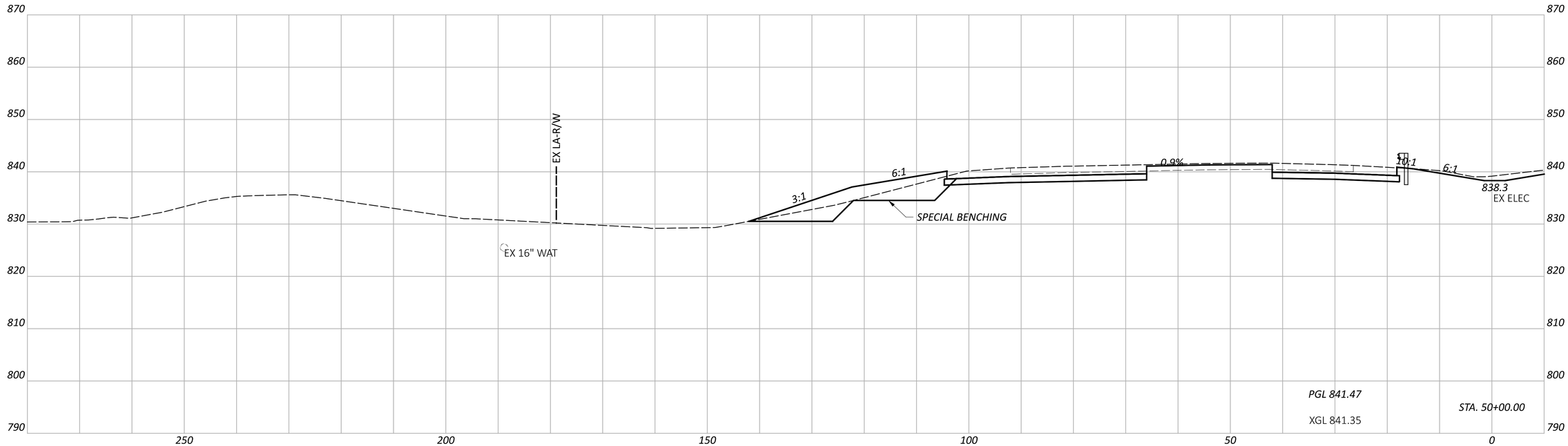
PROJECT ID
96808

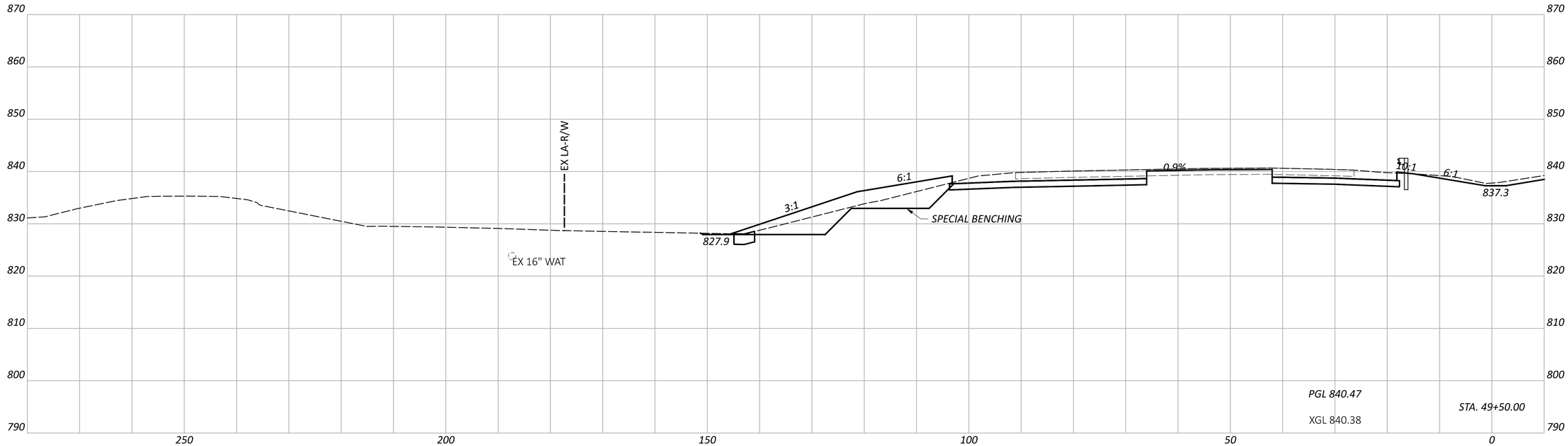
SHEET P.0537 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 48+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:53 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 49+50.00 TO STA. 50+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 49+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:55:57 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

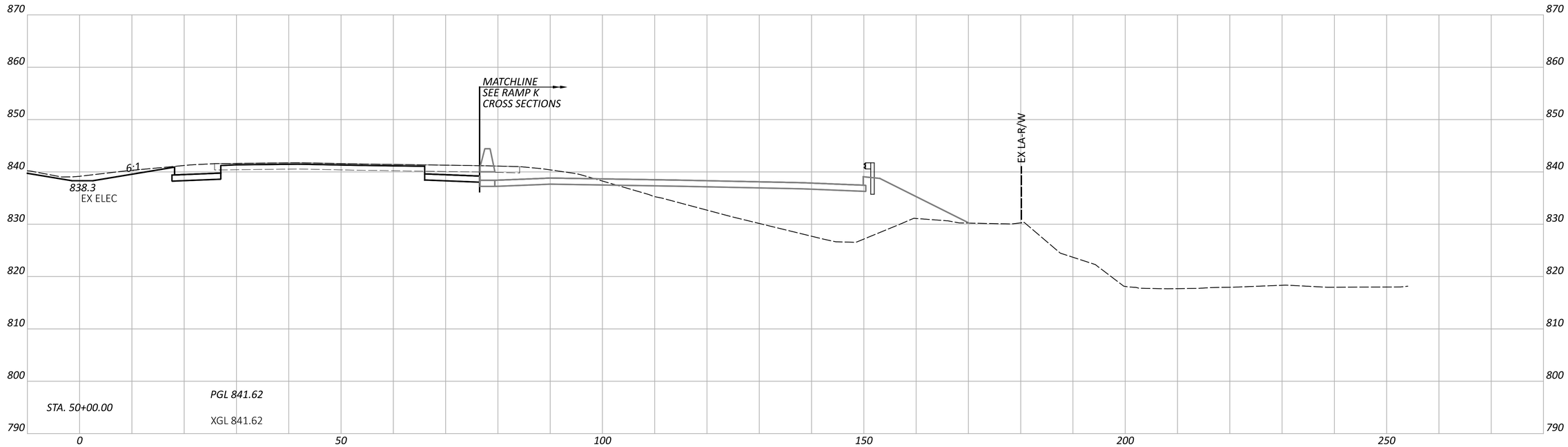
DESIGNER
BER

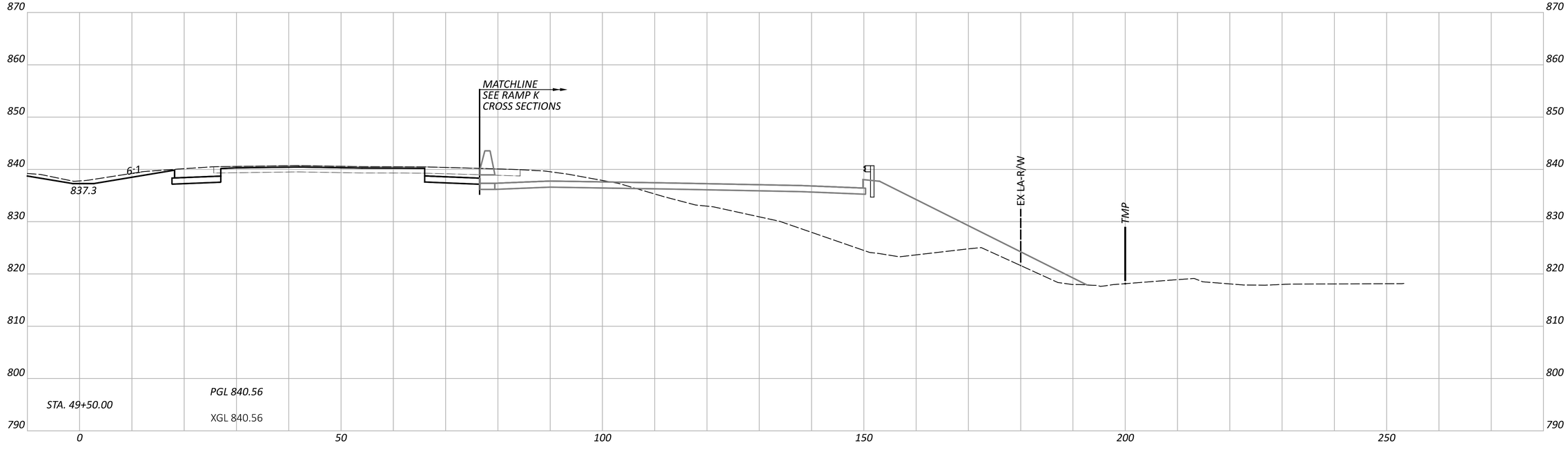
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0538 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 49+50.00 TO STA. 50+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

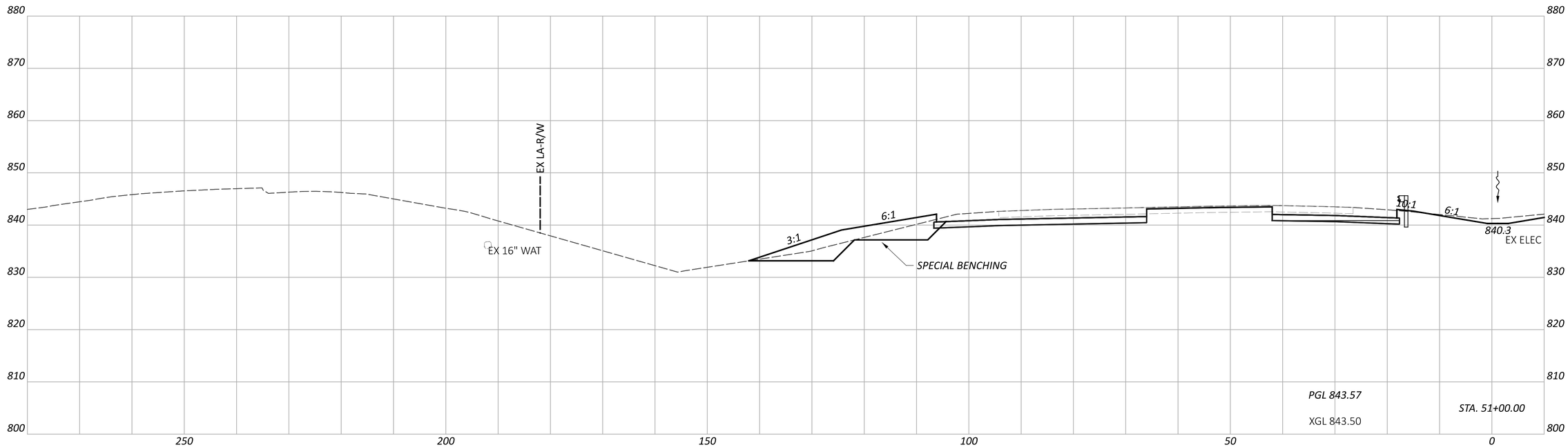
PROJECT ID
96808

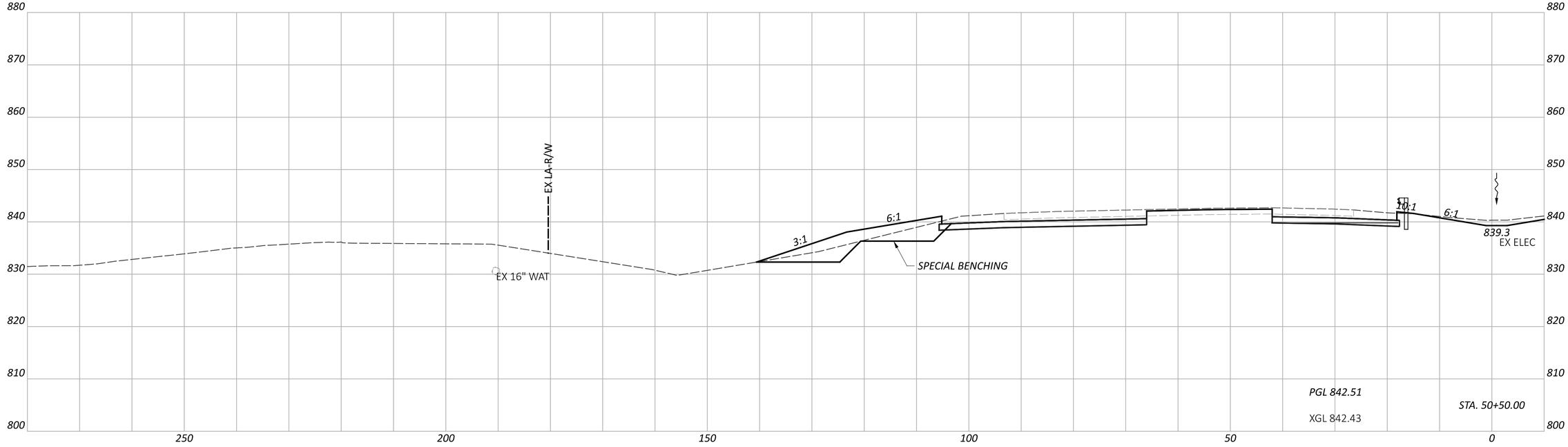
SHEET P.0539 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 49+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:01 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS103.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 50+50.00 TO STA. 51+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

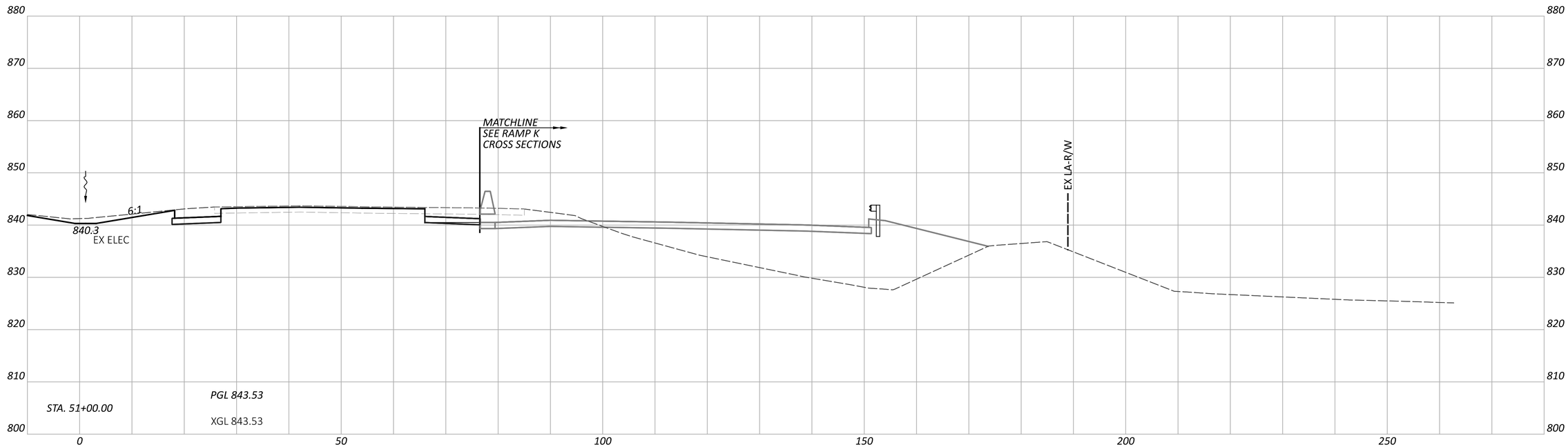
DESIGNER
BER

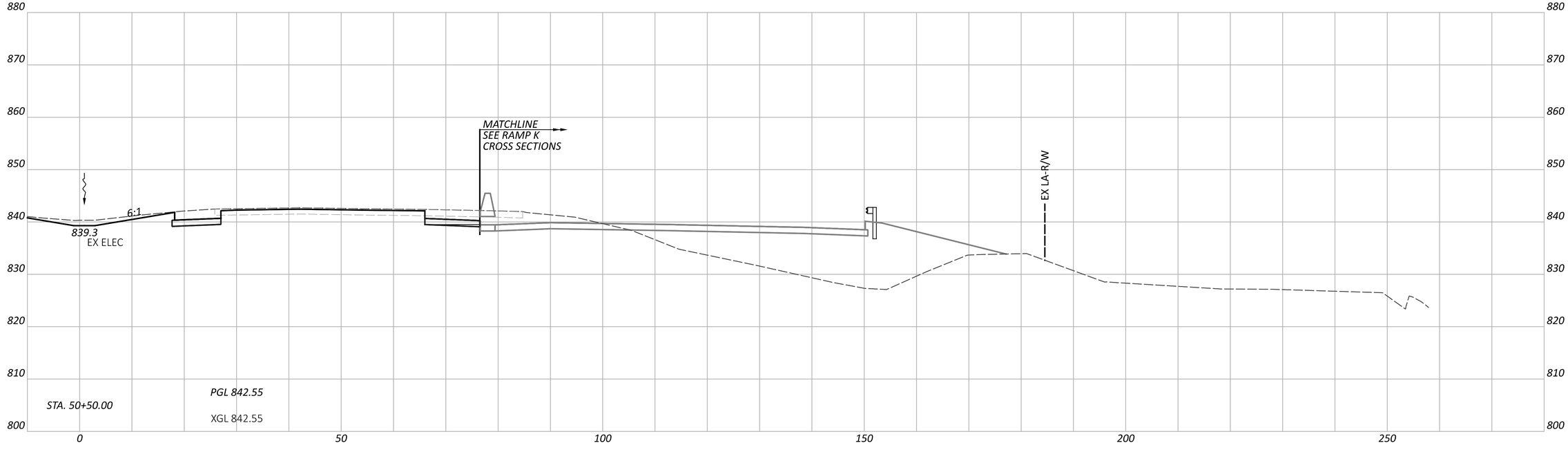
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0540 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 50+50.00 TO STA. 51+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0541 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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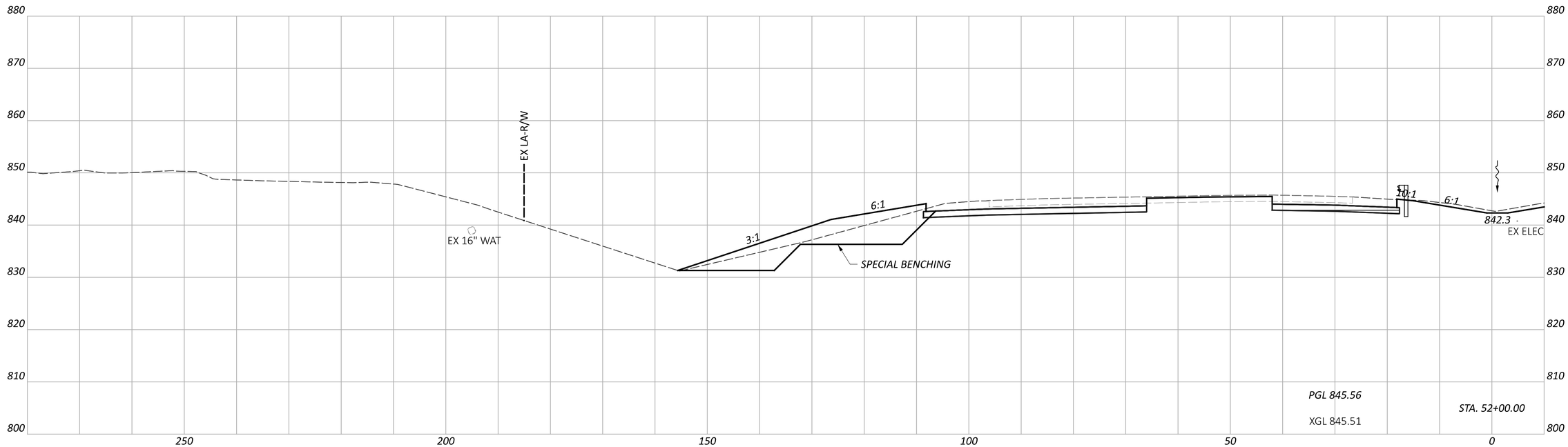
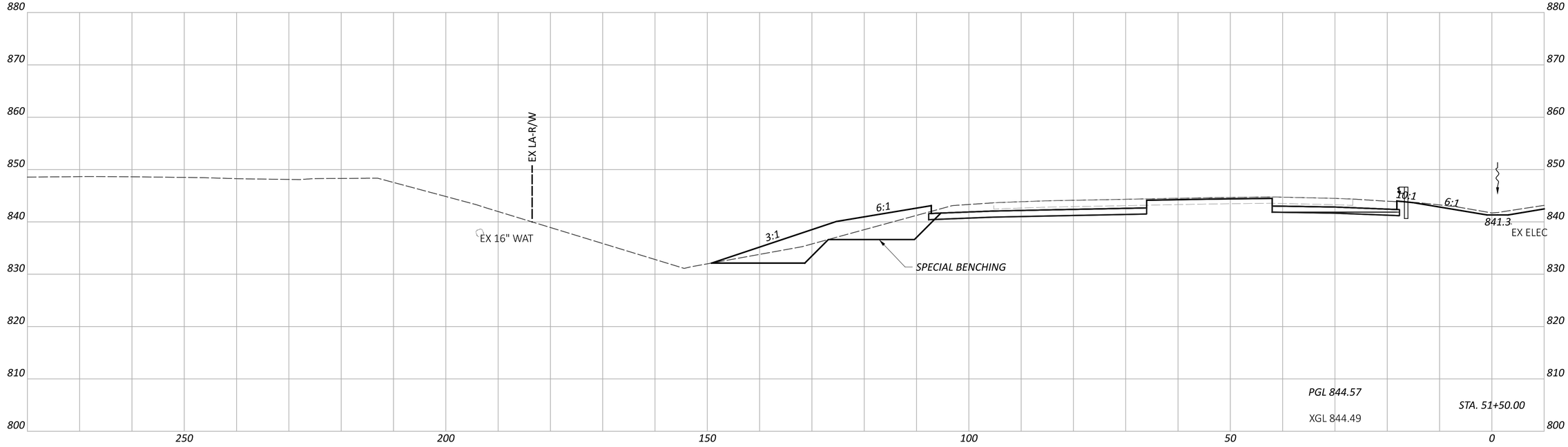
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 51+50.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 51+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:26 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

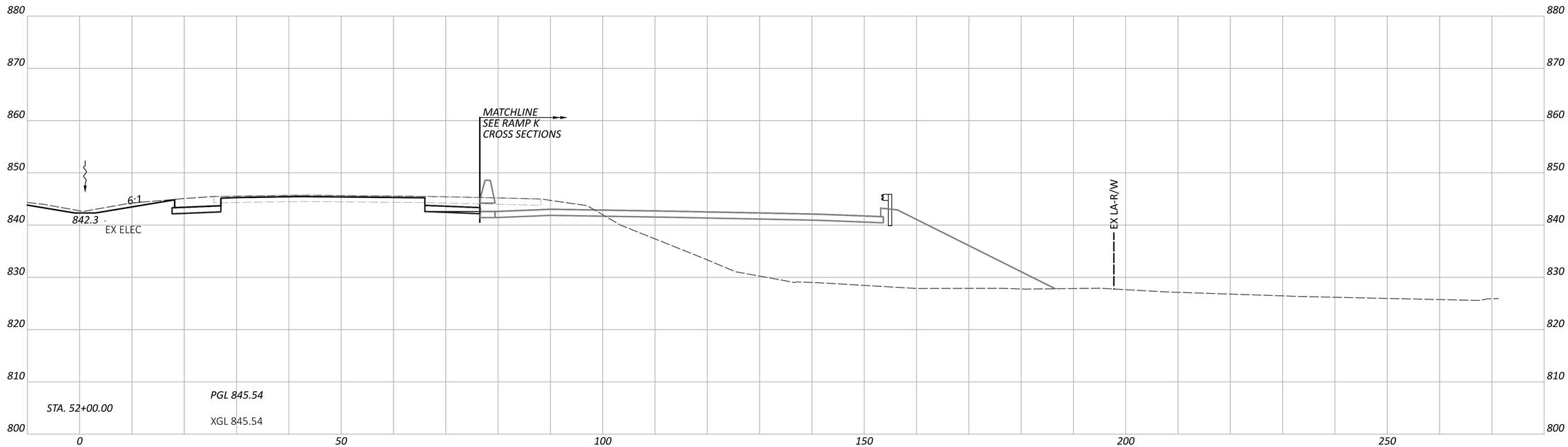
DESIGNER
BER

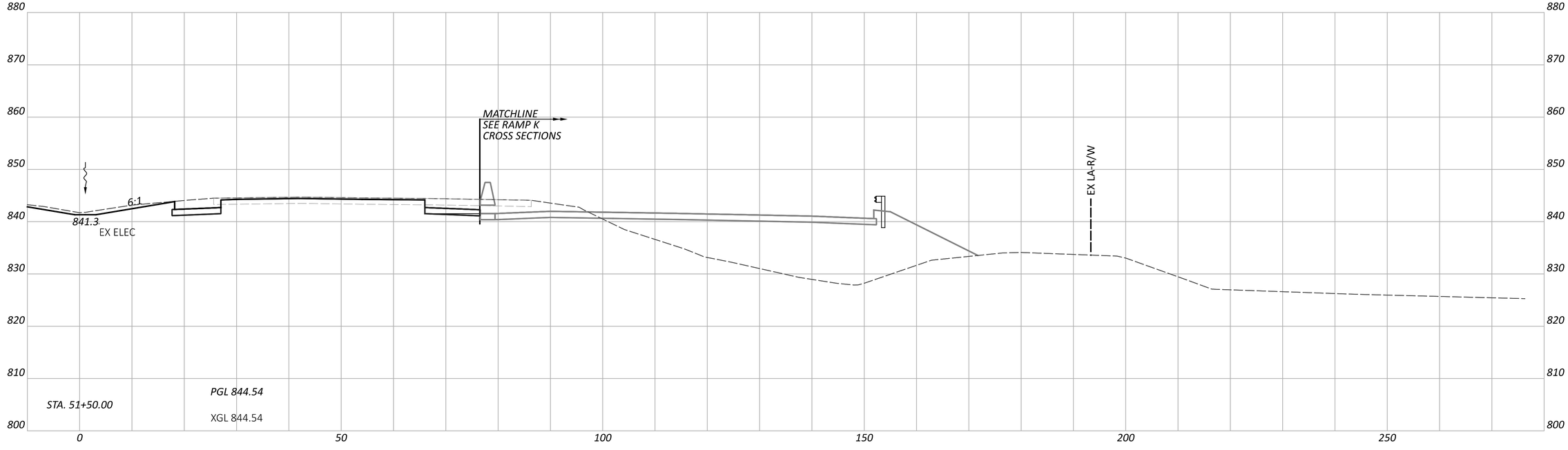
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0542 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 51+50.00 TO STA. 52+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0543 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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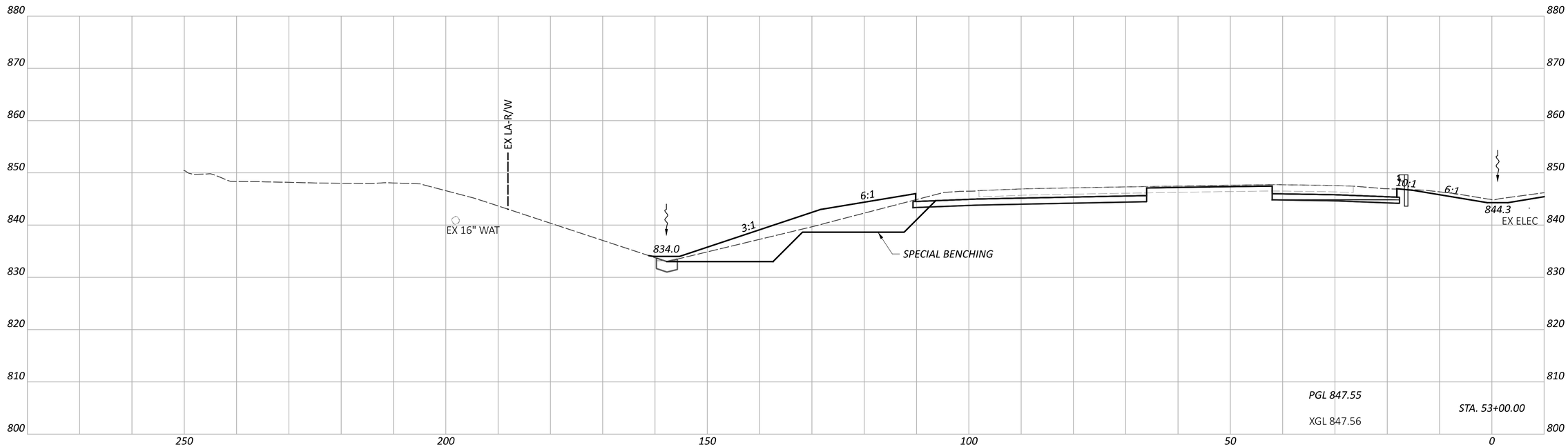
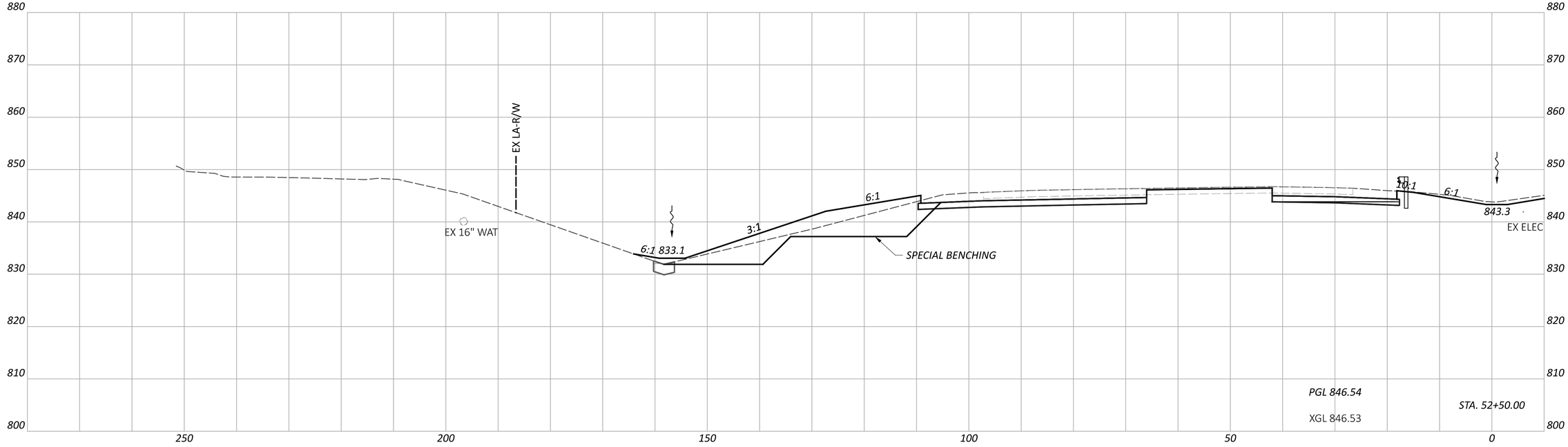
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 52+50.00 TO STA. 53+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 52+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:32 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

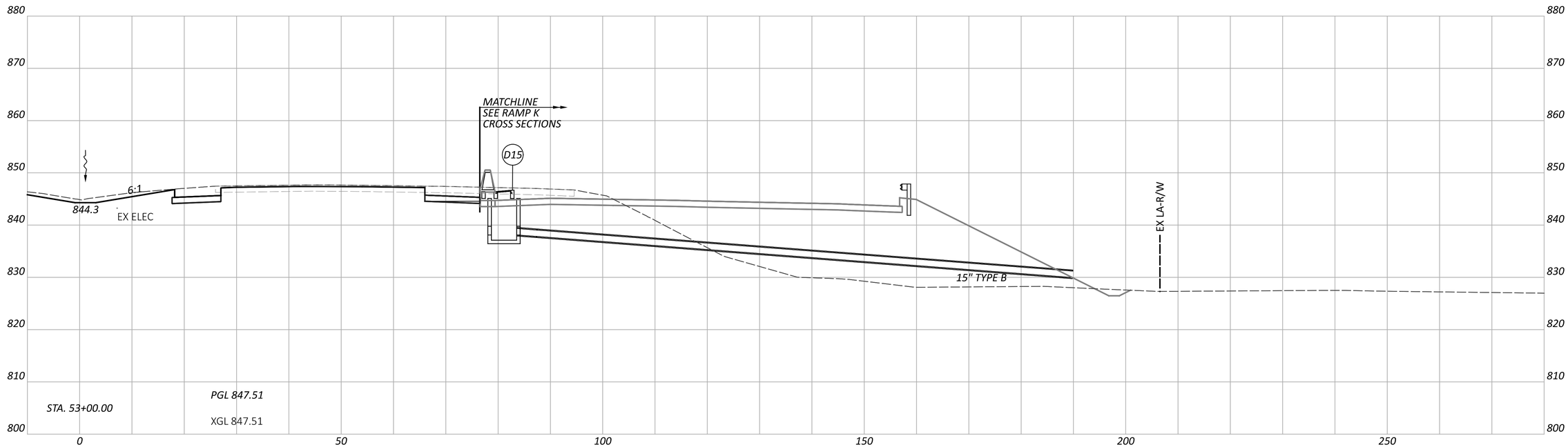
DESIGNER
BER

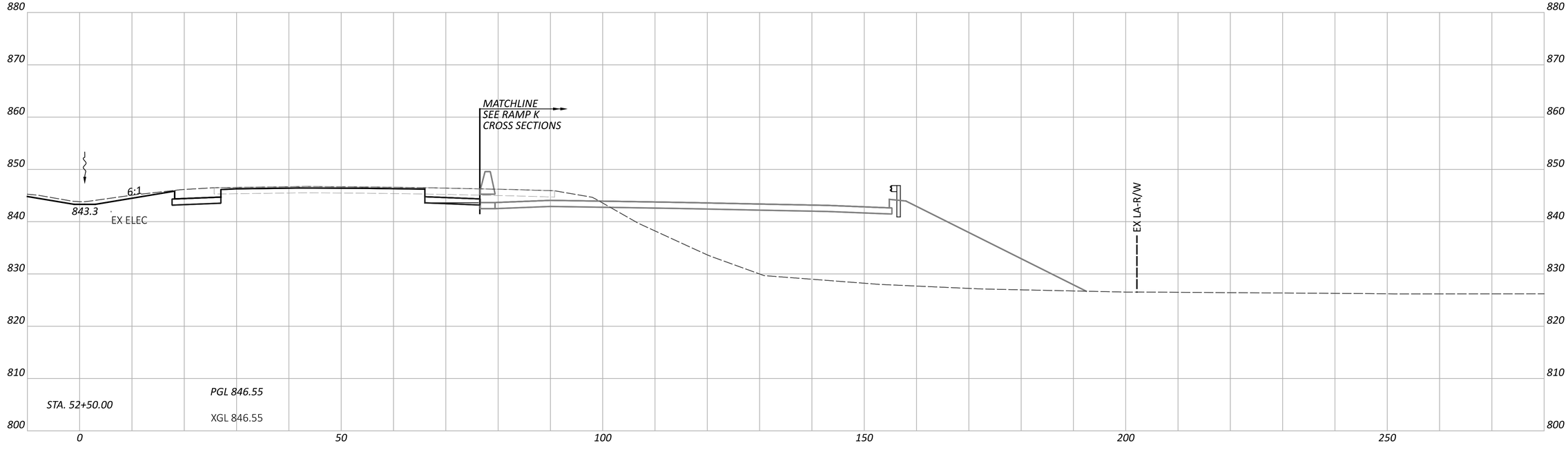
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0544 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 52+50.00 TO STA. 53+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 52+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:35 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

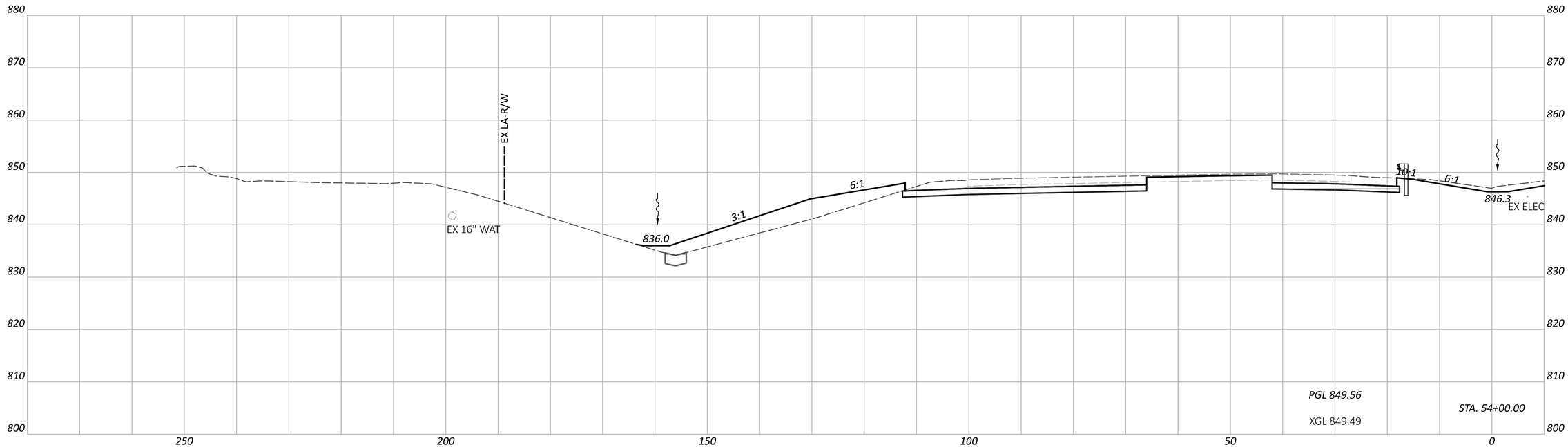
REVIEWER
KAM 08/07/26

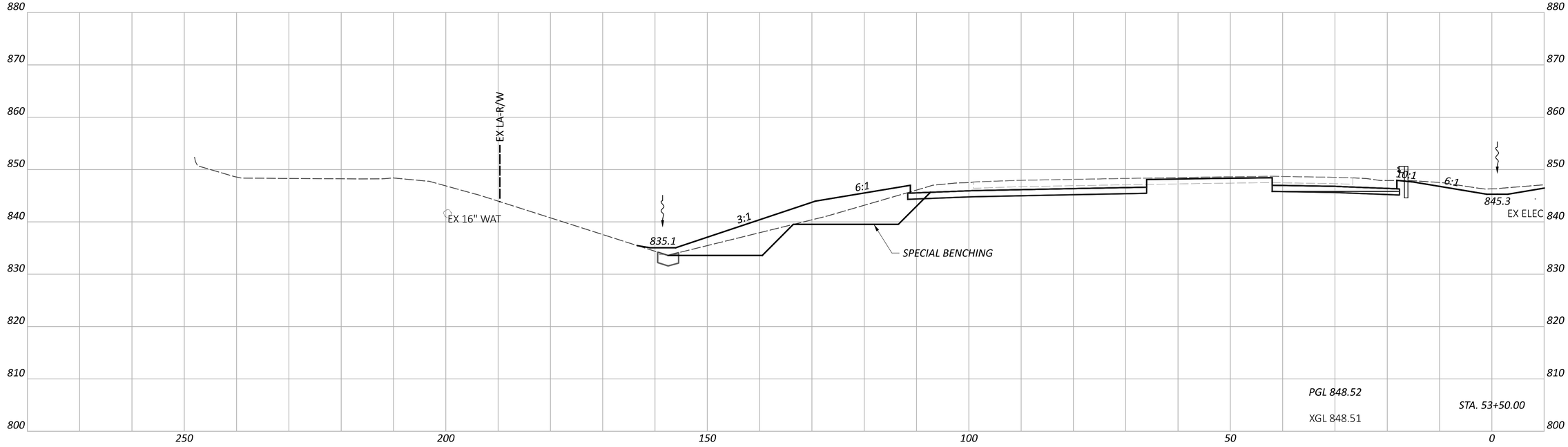
PROJECT ID
96808

SHEET P.0545 | TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 53+50.00 TO STA. 54+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 53+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:39 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

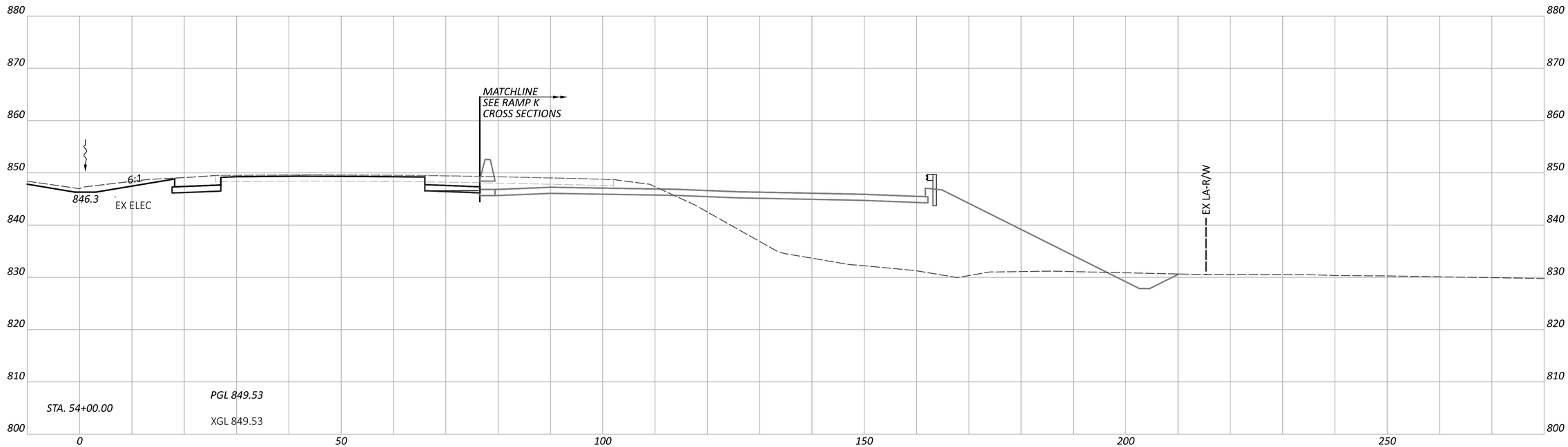
DESIGNER
BER

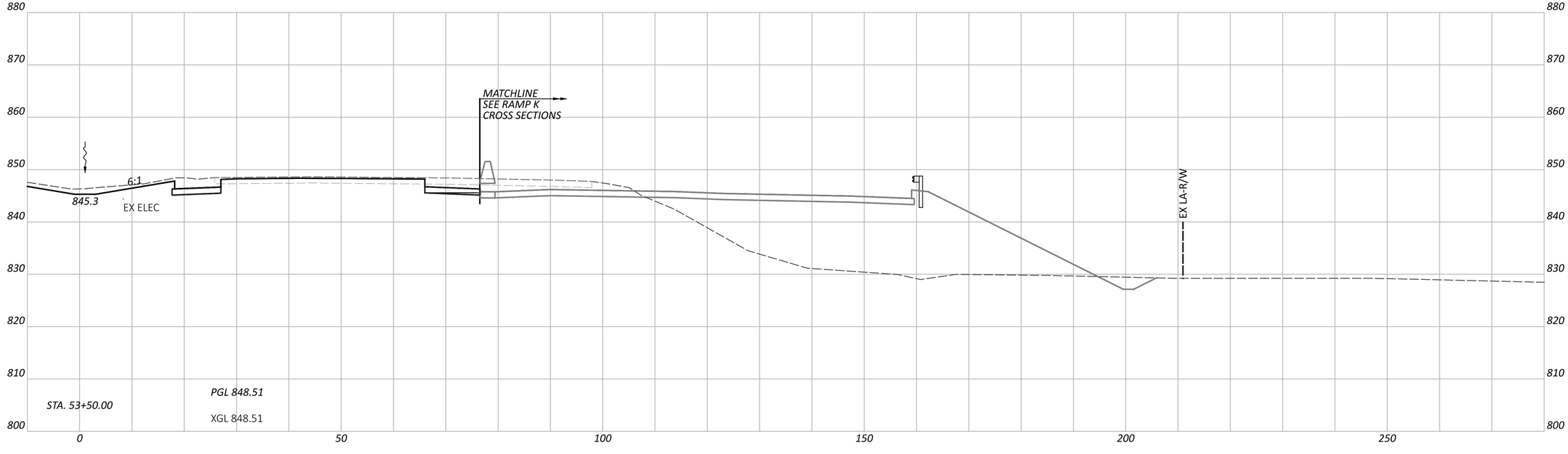
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0546 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 53+50.00 TO STA. 54+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

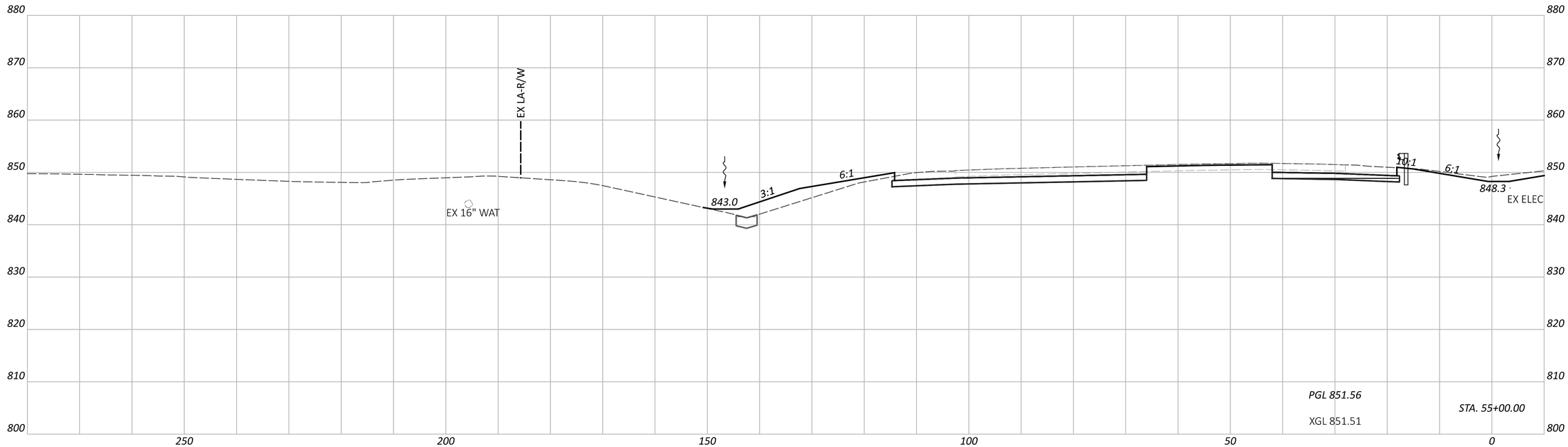
REVIEWER
KAM 08/07/26

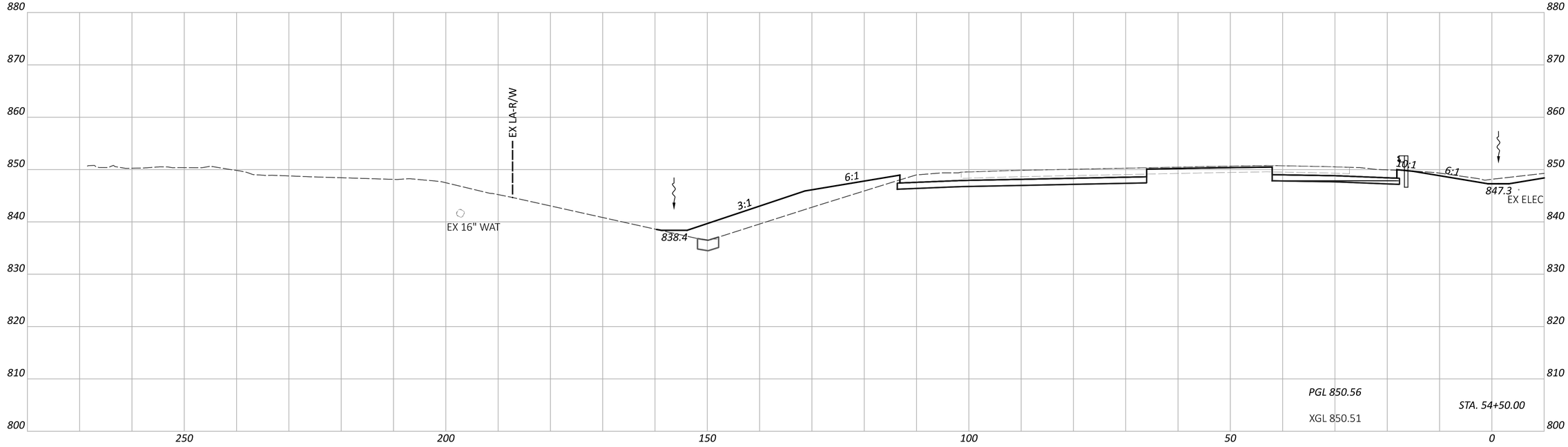
PROJECT ID
96808

SHEET P.0547 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 54+50.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 54+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:46 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

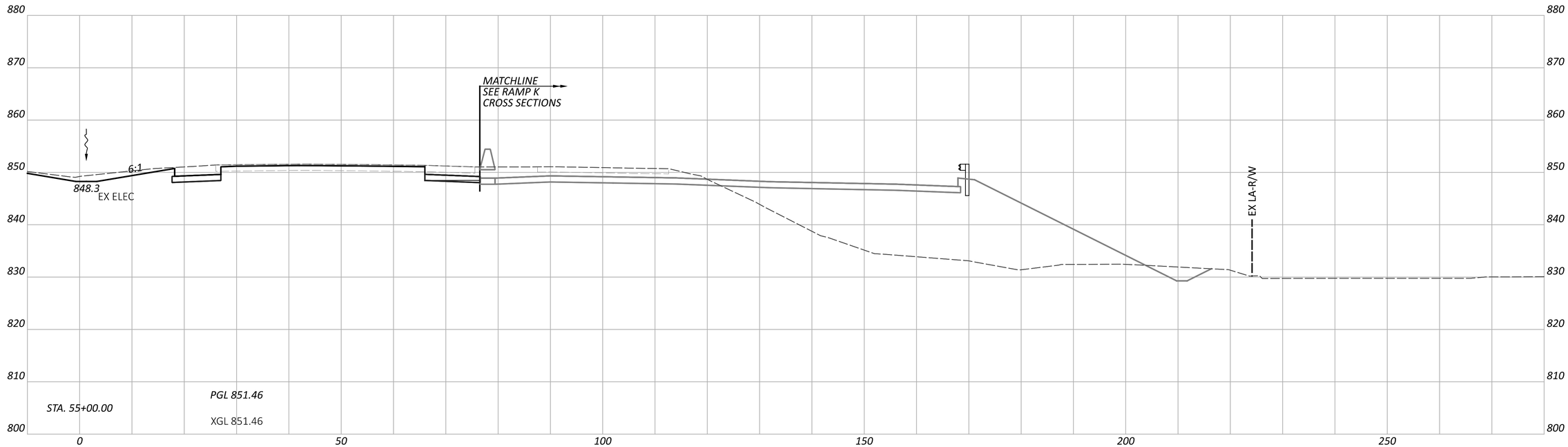
DESIGNER
BER

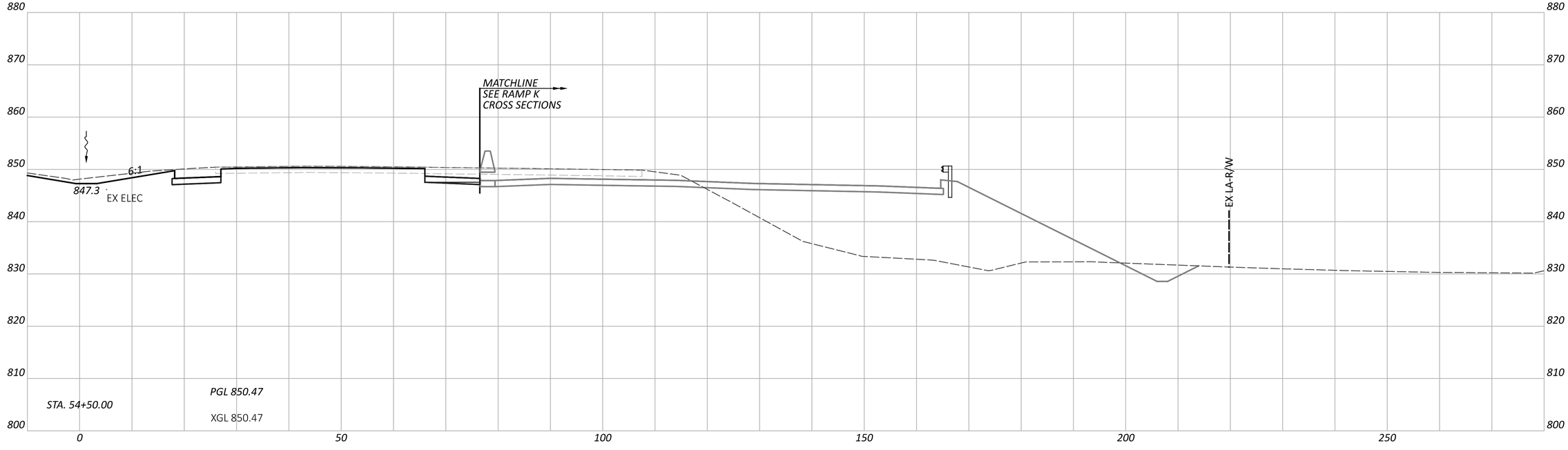
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0548 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 54+50.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 54+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:49 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

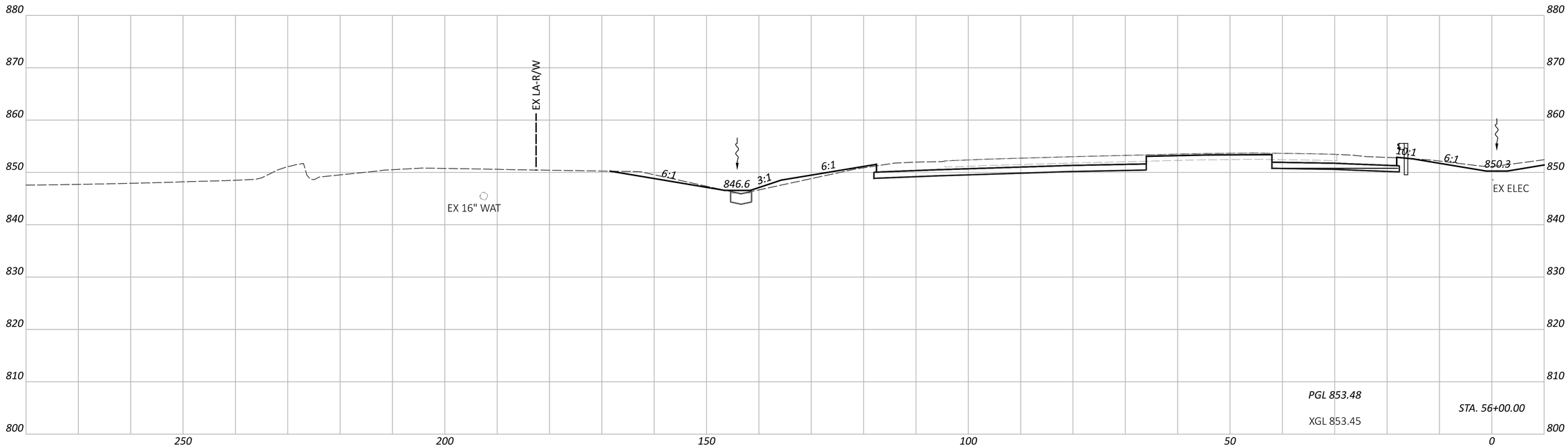
REVIEWER
KAM 08/07/26

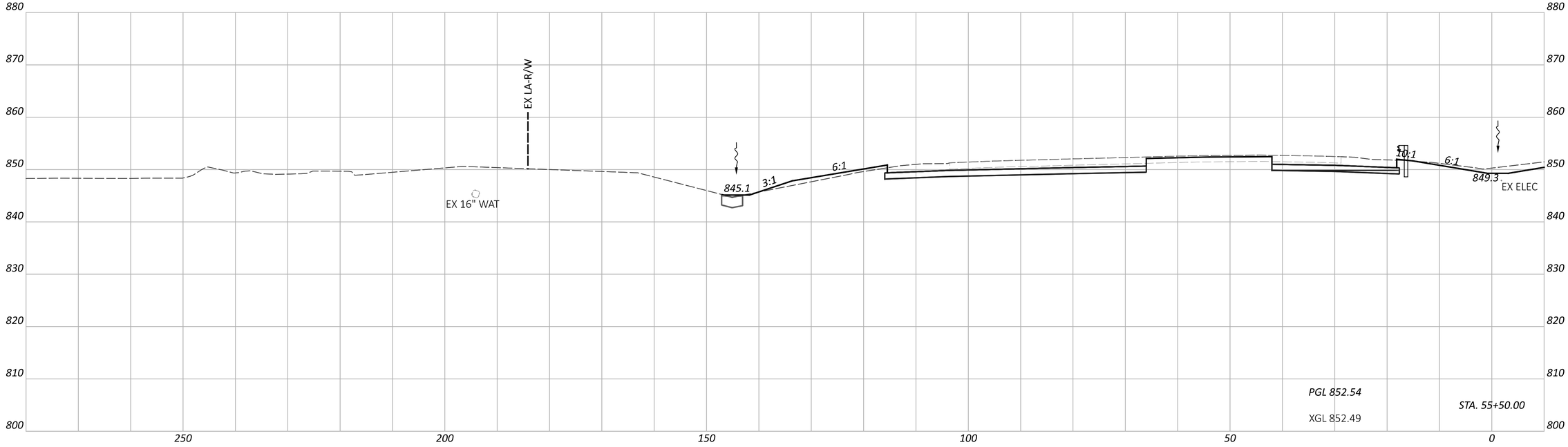
PROJECT ID
96808

SHEET P.0549 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 55+50.00 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 55+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:53 AM USER: brieder
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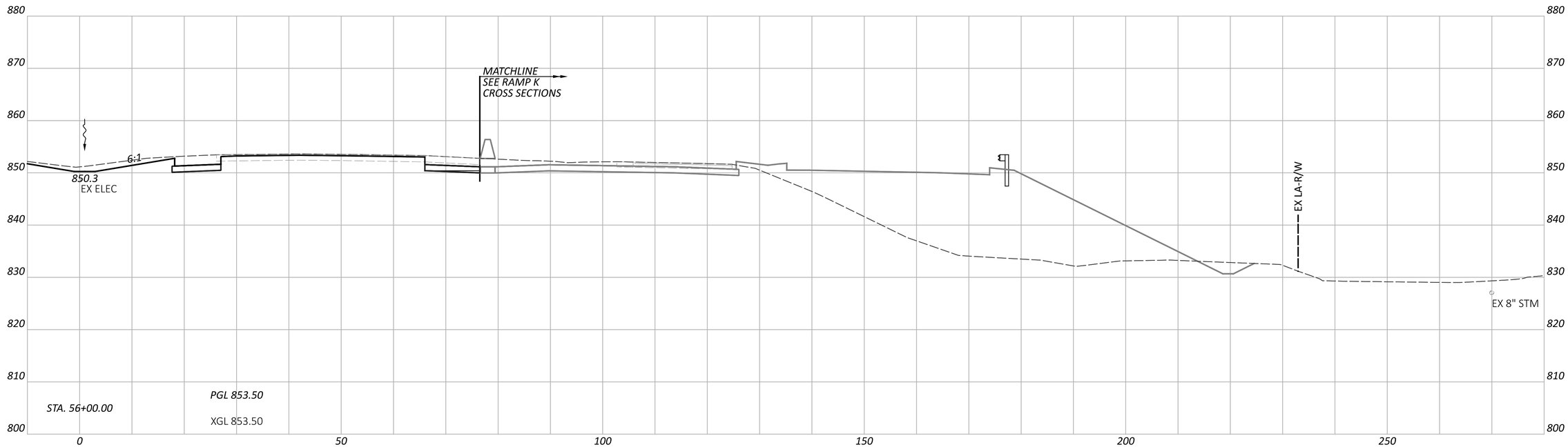
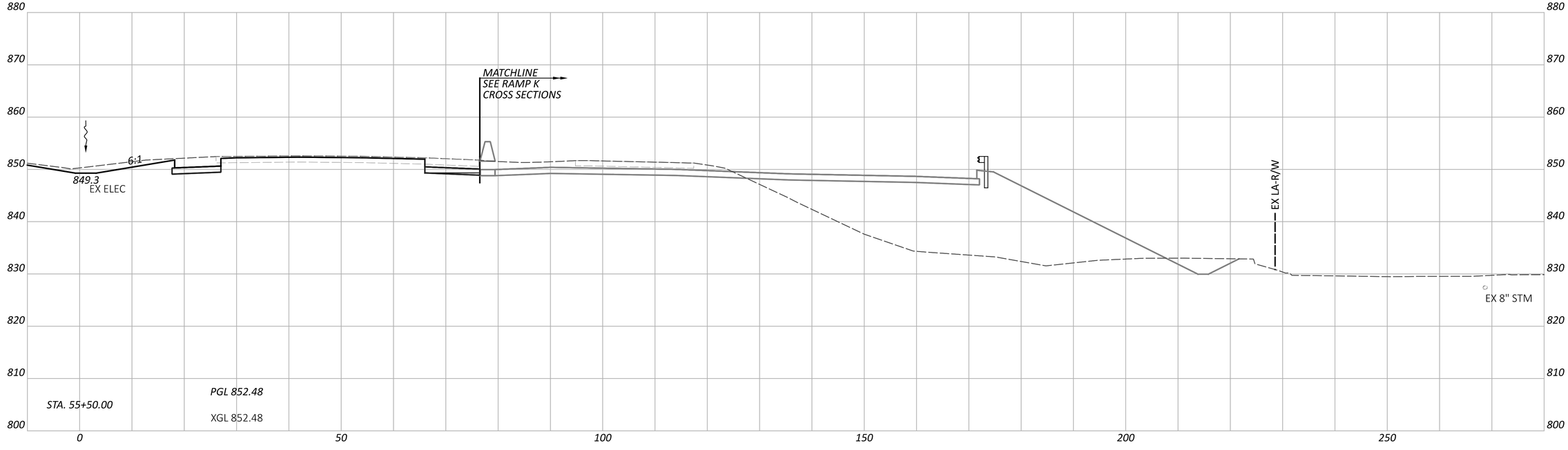
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0550
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 55+50.00 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 55+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:56 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

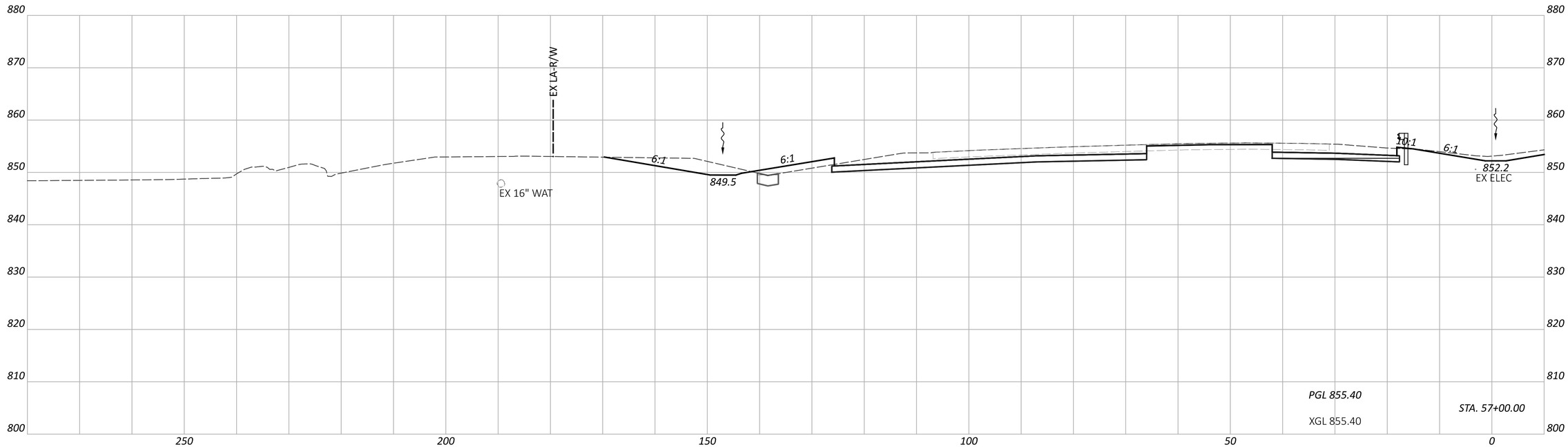
REVIEWER
KAM 08/07/26

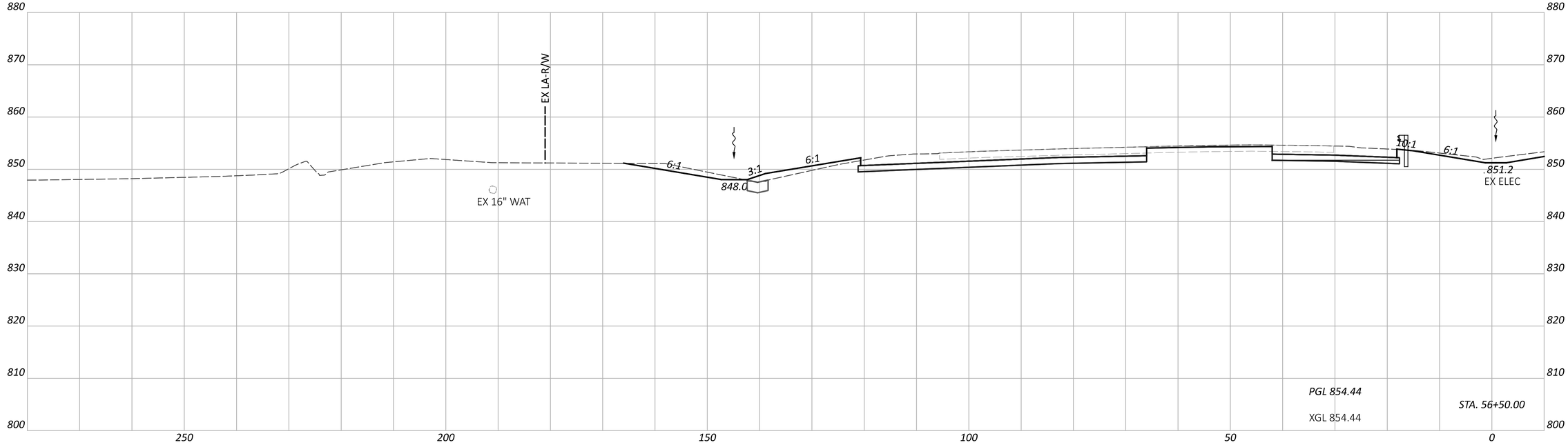
PROJECT ID
96808

SHEET P.0551 | TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 56+50.00 TO STA. 57+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 56+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:59 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

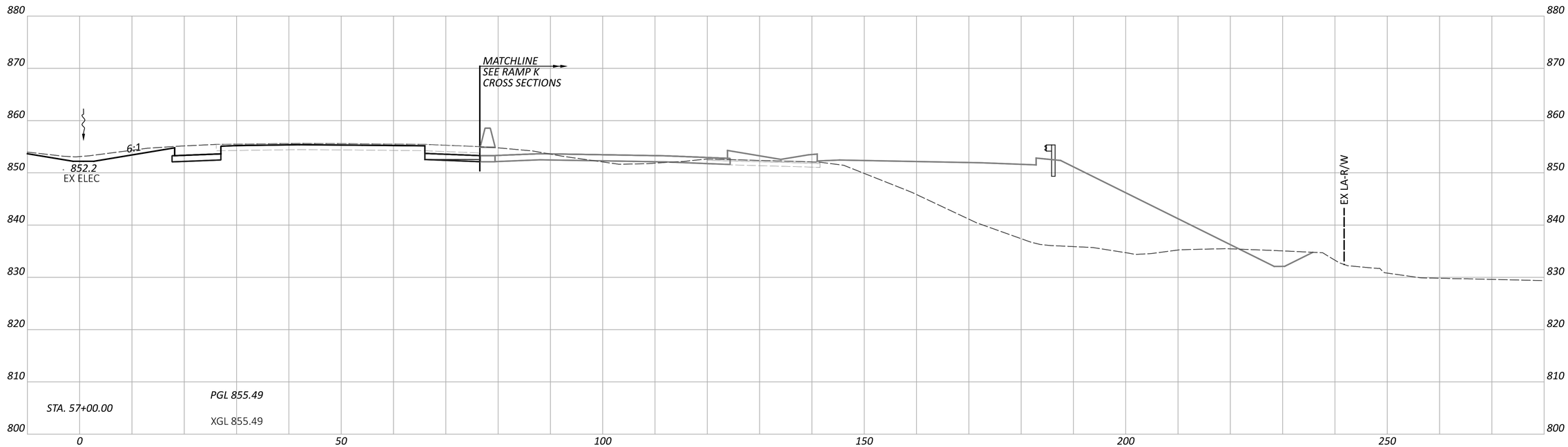
DESIGNER
BER

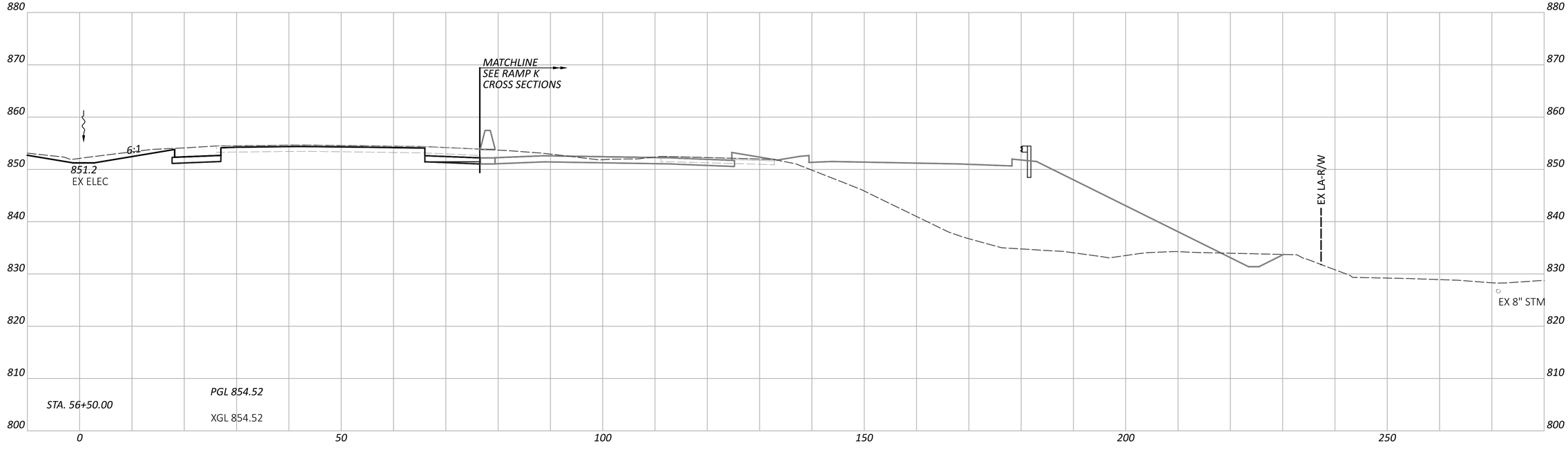
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0552 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 56+50.00 TO STA. 57+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 56+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:02 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

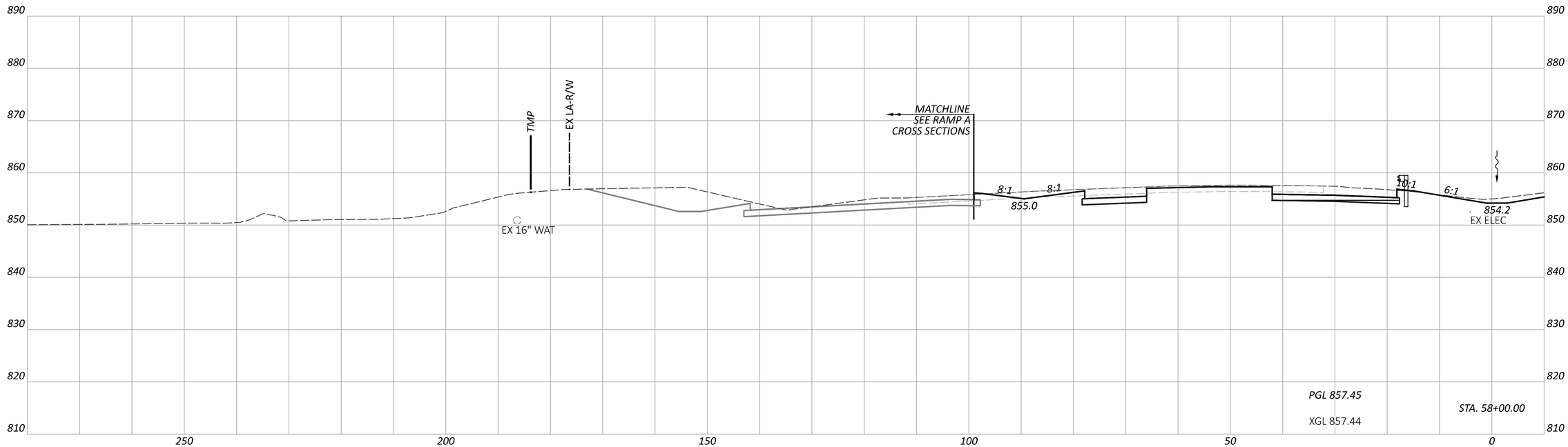
DESIGNER
BER

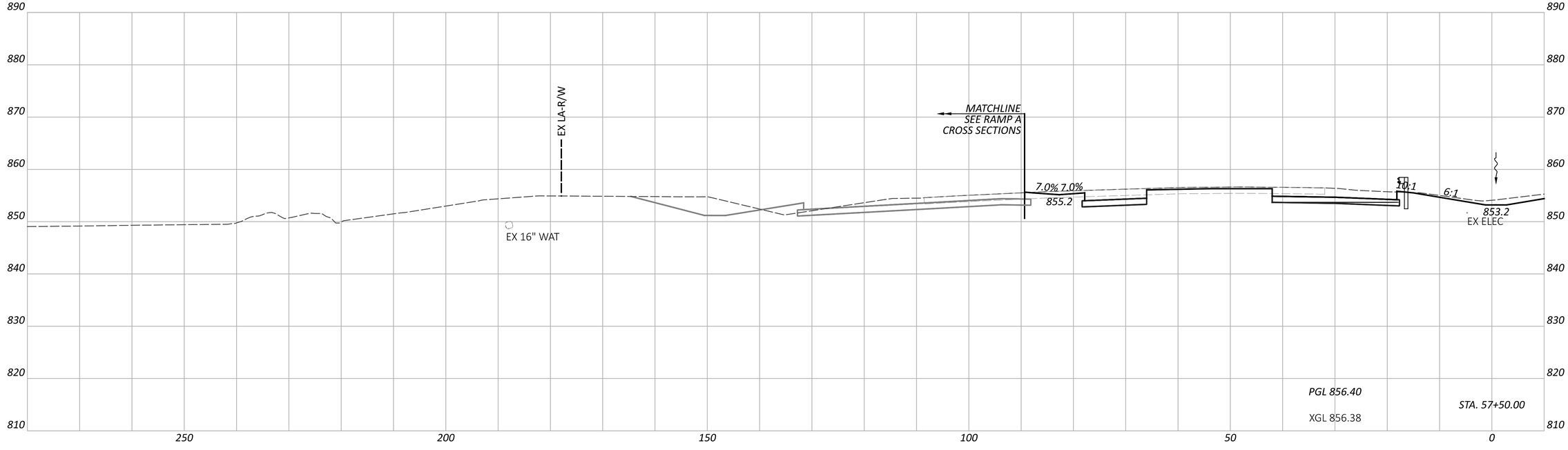
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0553 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 57+50.00 TO STA. 58+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 57+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:06 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS104.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

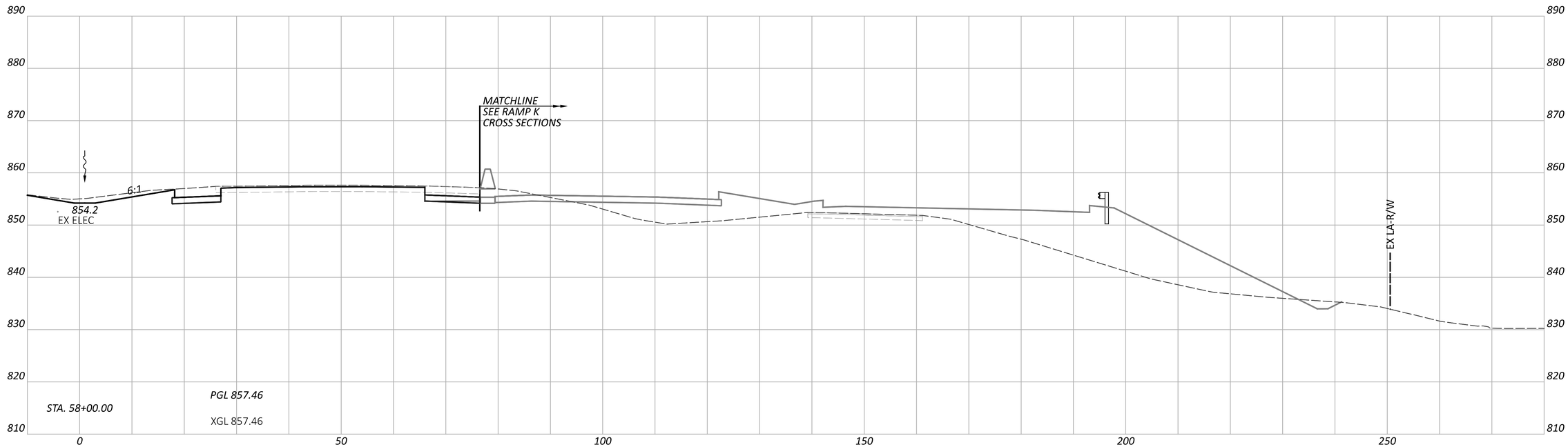
DESIGNER
BER

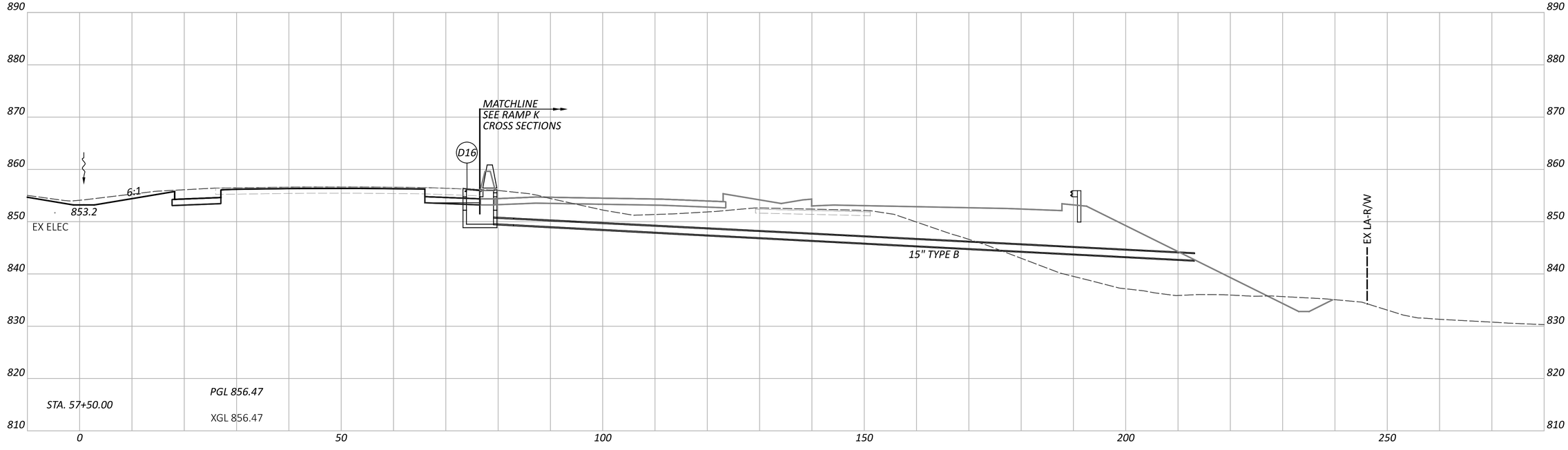
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0554 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - IR 70 EB
STA. 57+50.00 TO STA. 58+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0555 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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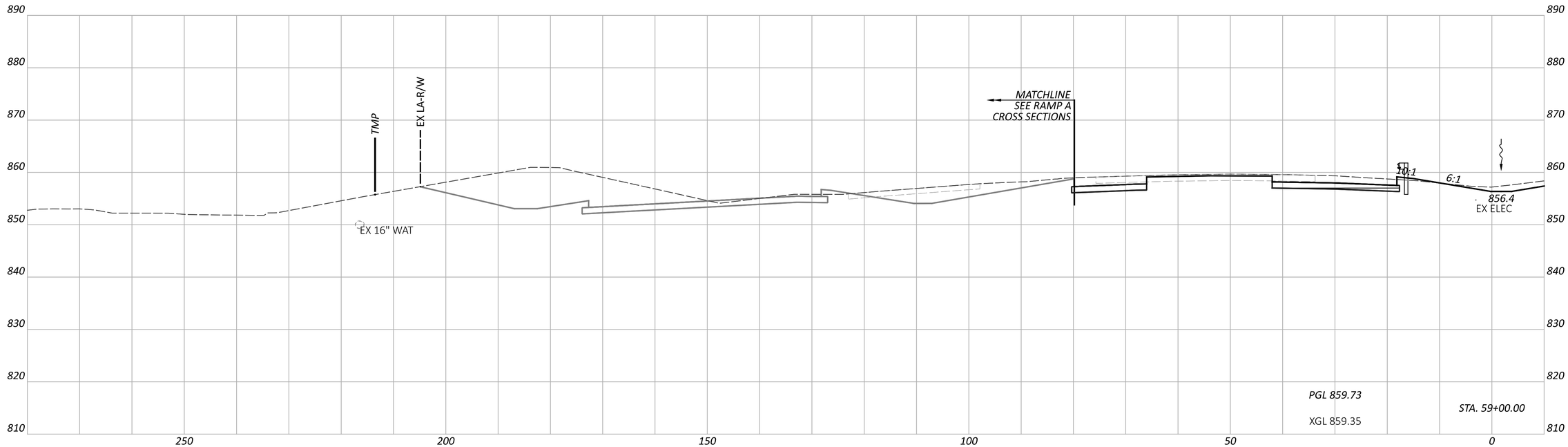
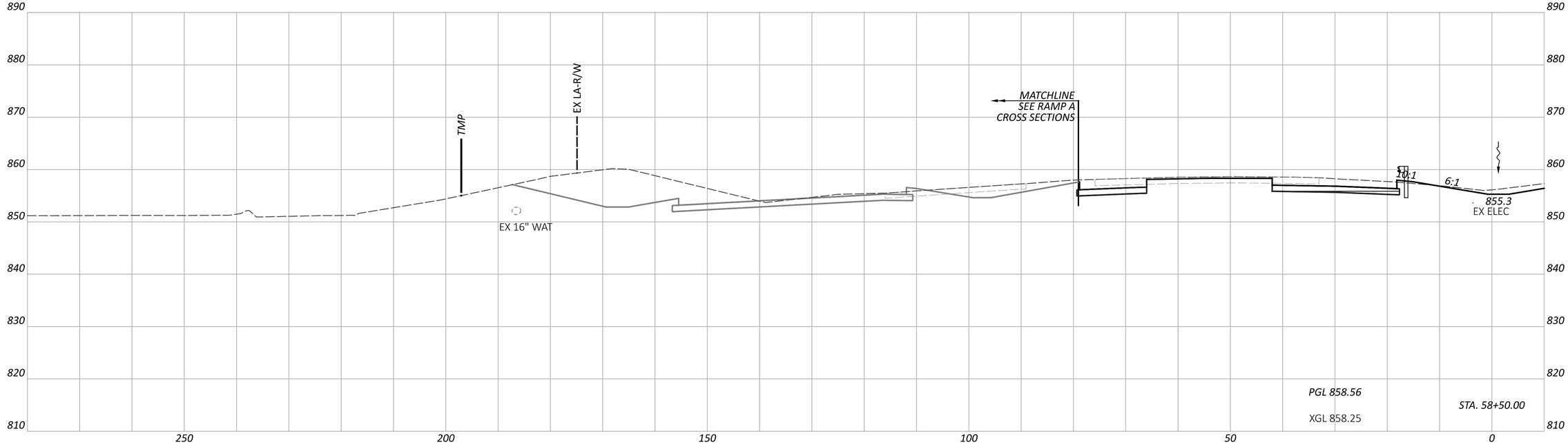
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 58+50.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

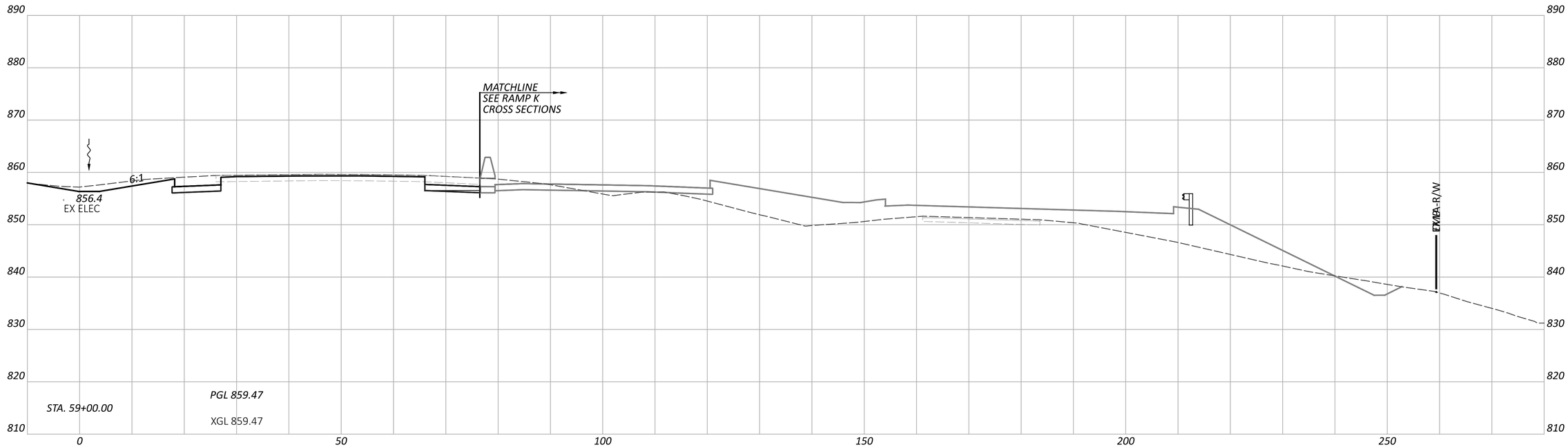
DESIGNER
BER

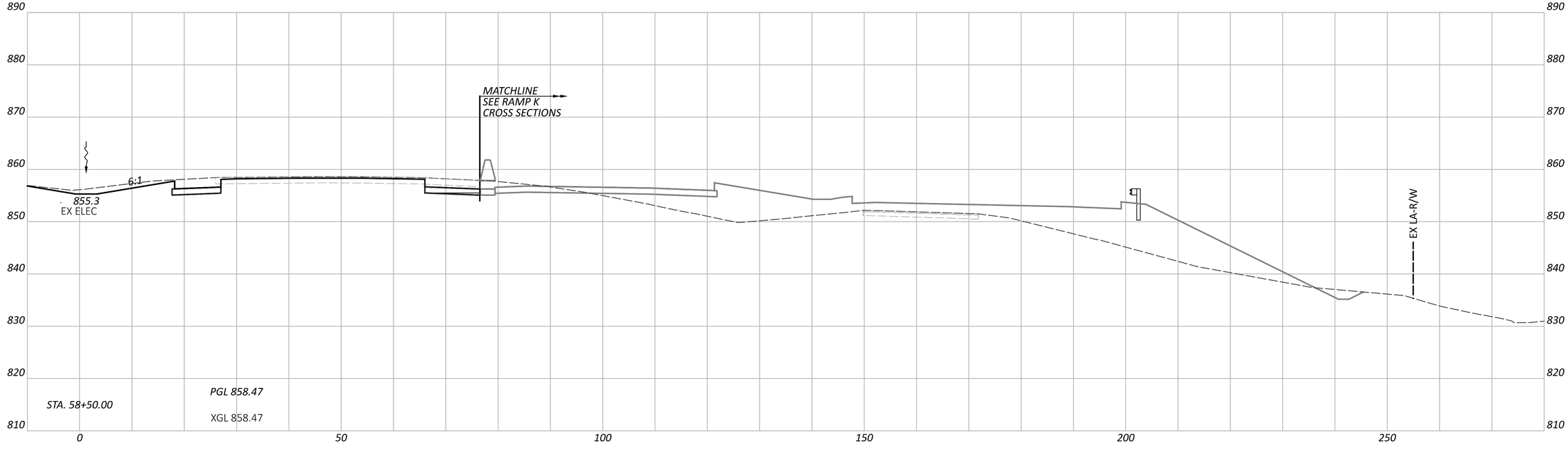
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0556 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 58+50.00 TO STA. 59+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

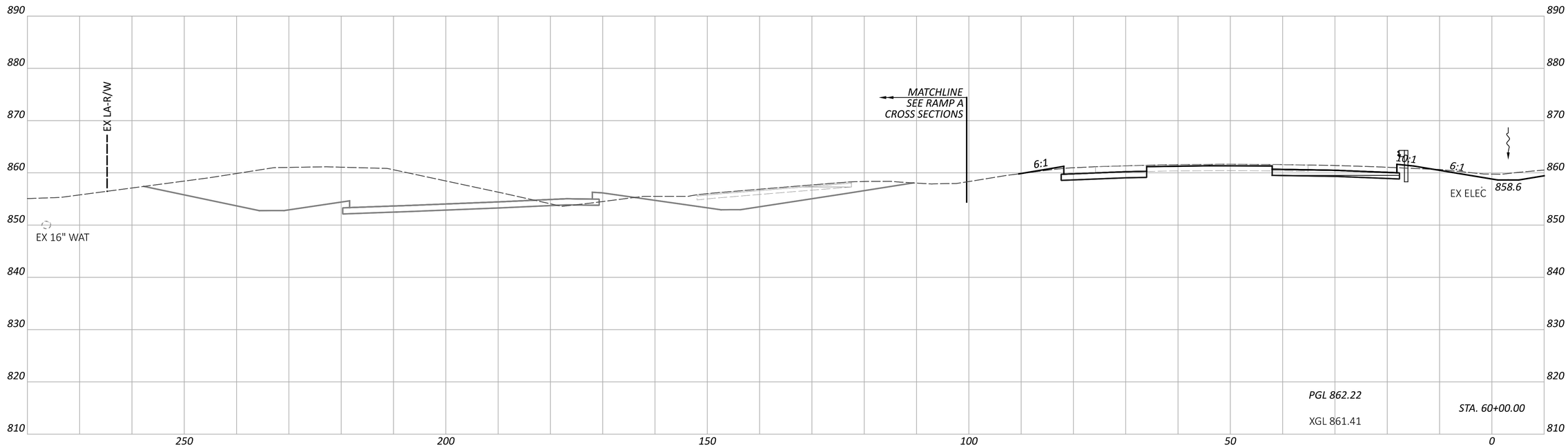
PROJECT ID
96808

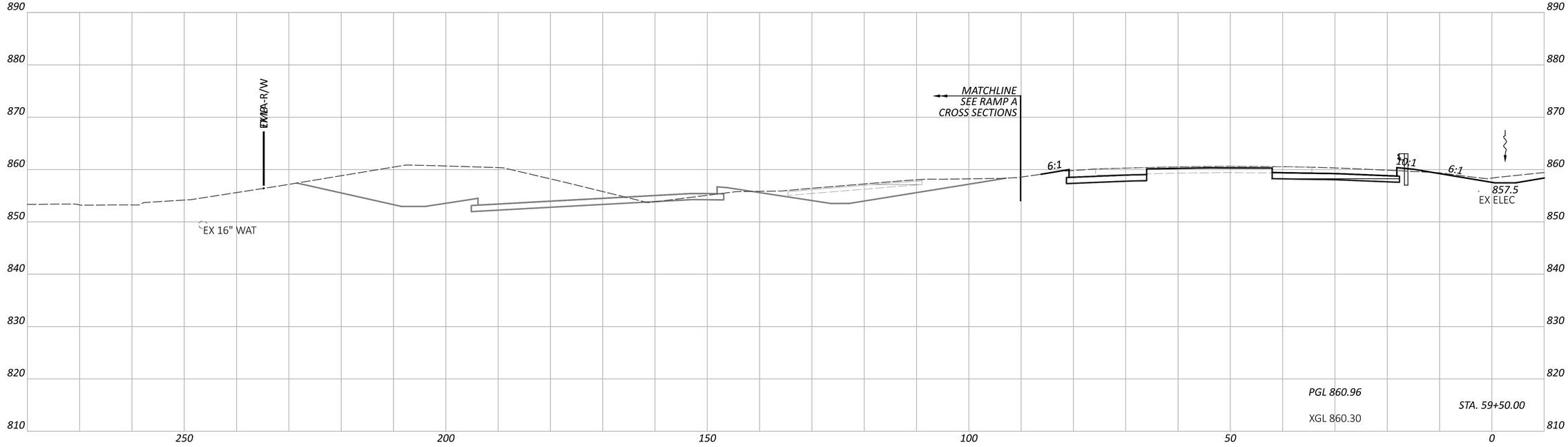
SHEET P.0557 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:19 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS104.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 59+50.00 TO STA. 60+00.00

FAI/LIC-IR 70-0.00/0.00

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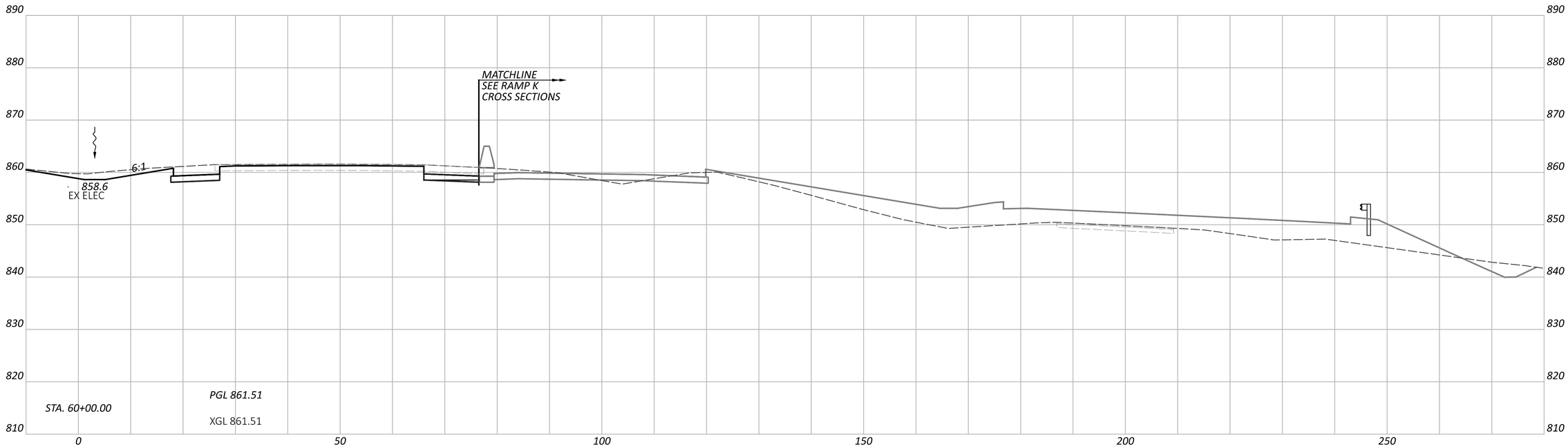
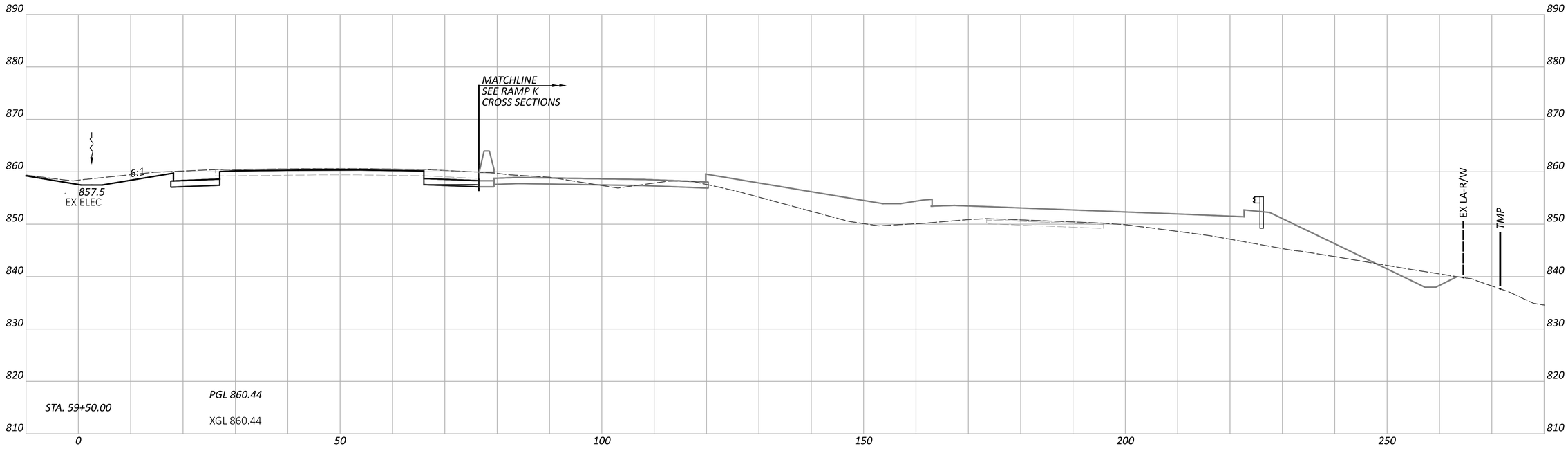
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0558
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 59+50.00 TO STA. 60+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

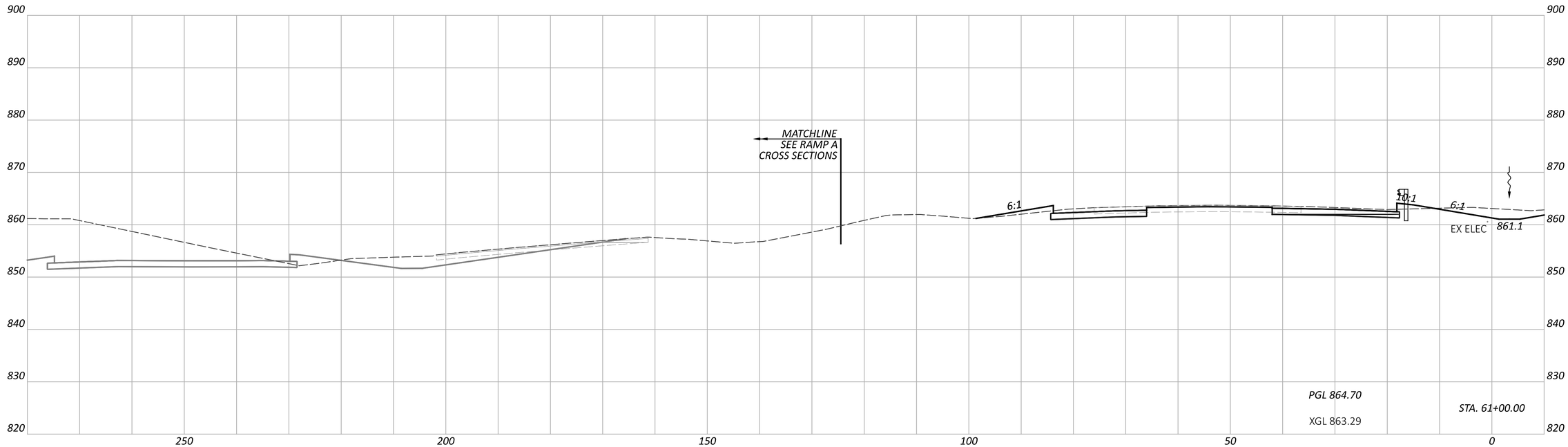
DESIGNER
BER

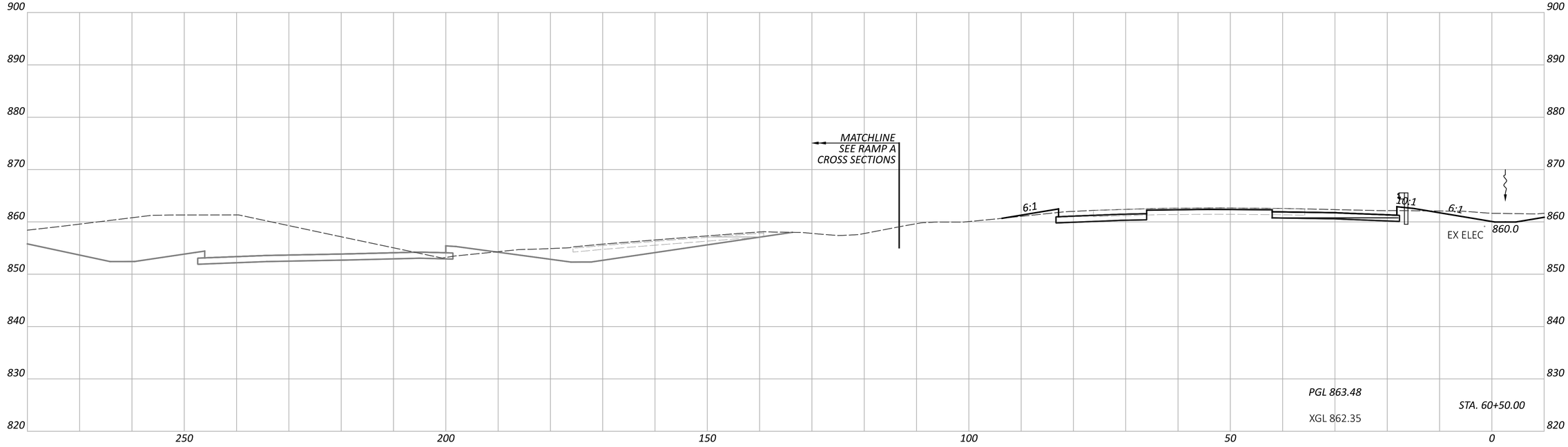
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0559 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 60+50.00 TO STA. 61+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 60+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:31 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

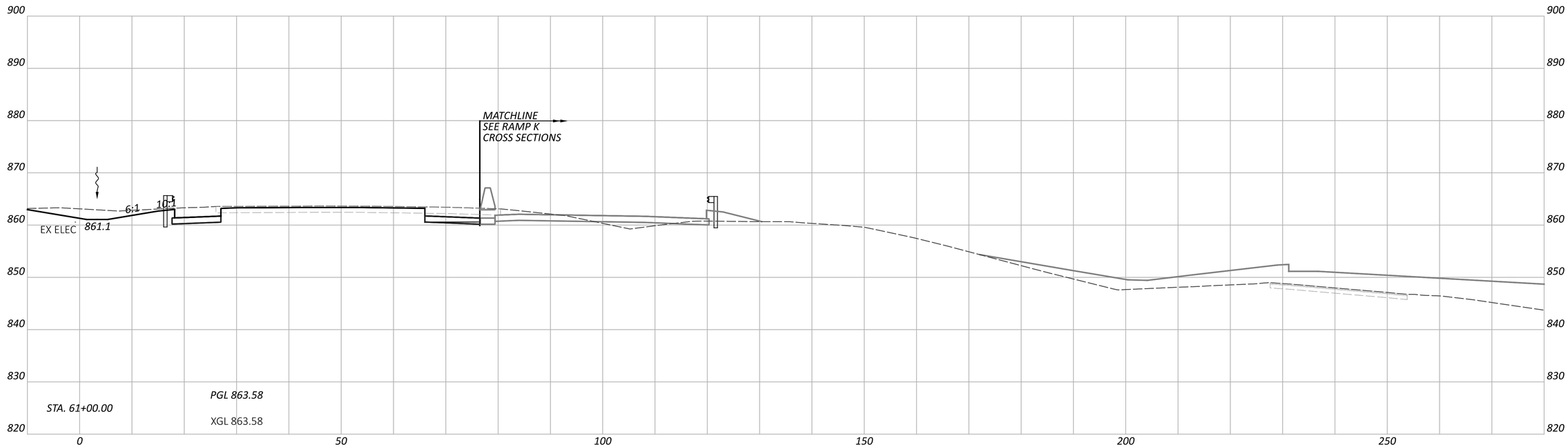
DESIGNER
BER

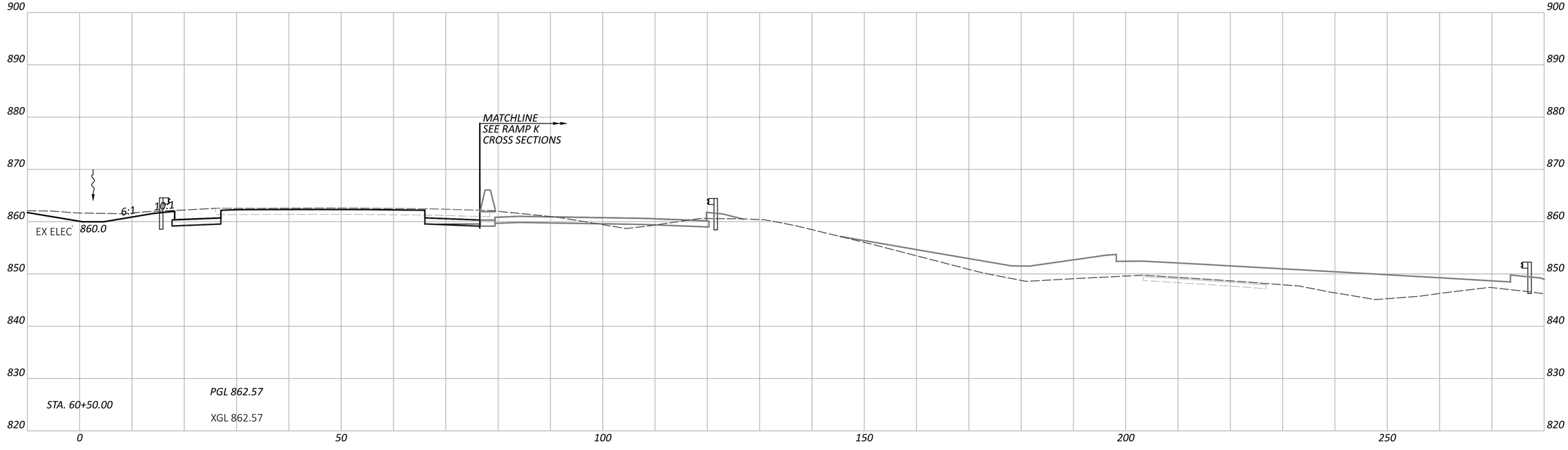
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0560 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 60+50.00 TO STA. 61+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 60+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:34 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

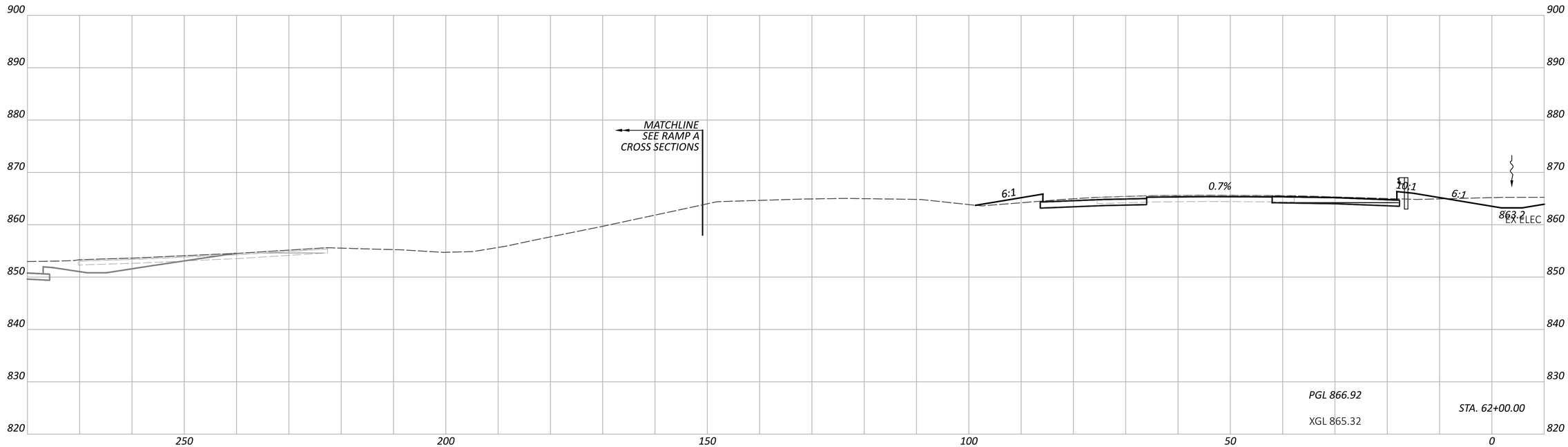
DESIGNER
BER

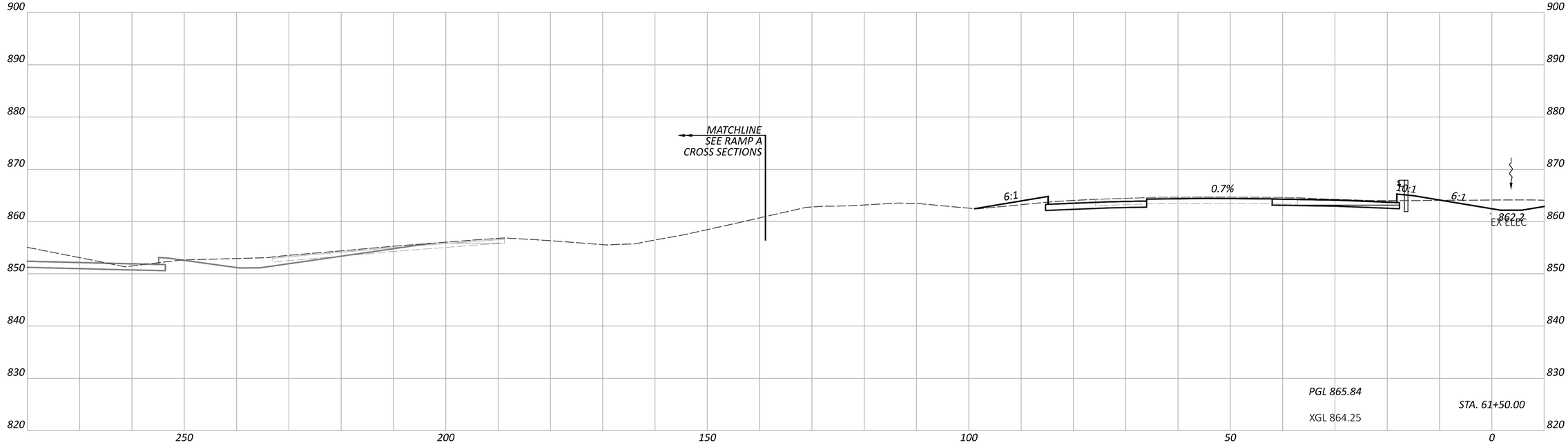
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0561 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 61+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:37 AM USER: brieder
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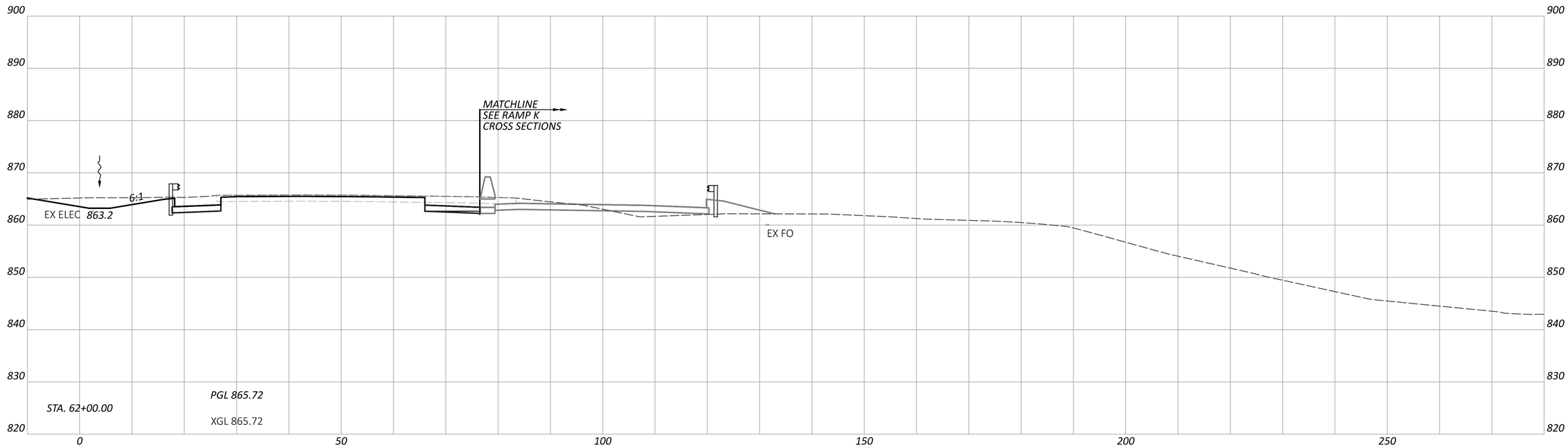
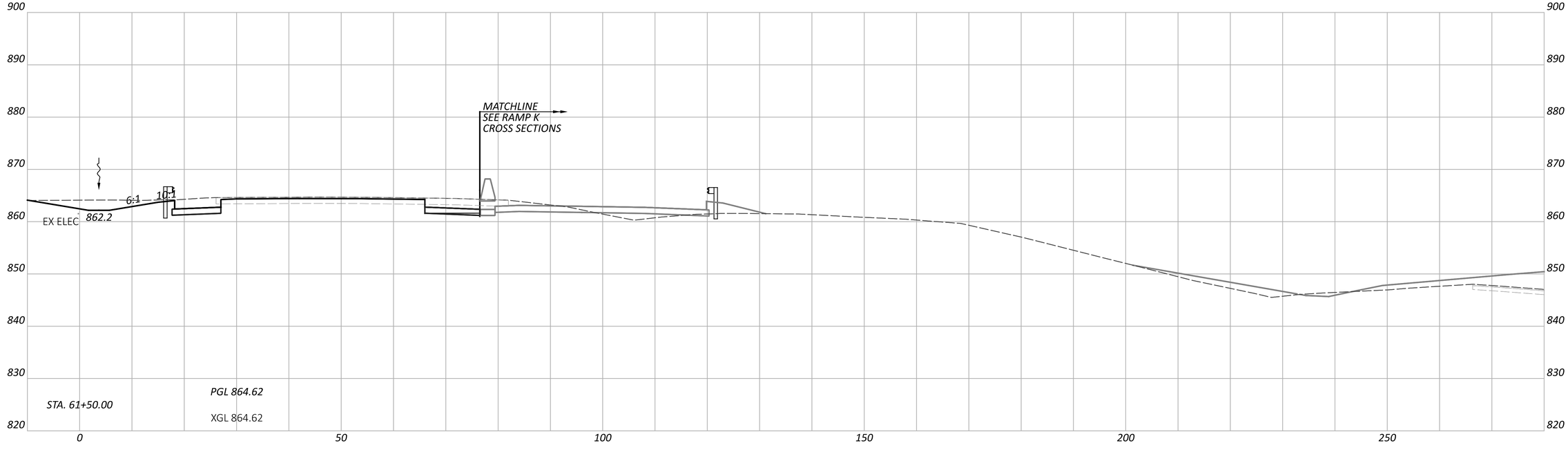
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0562
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 61+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:41 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

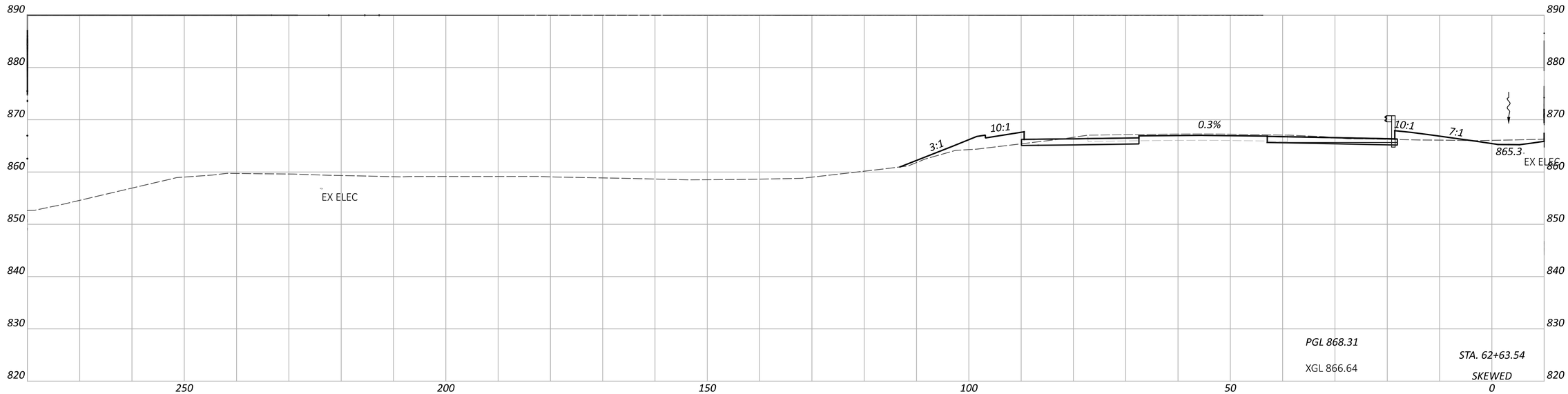
DESIGNER
BER

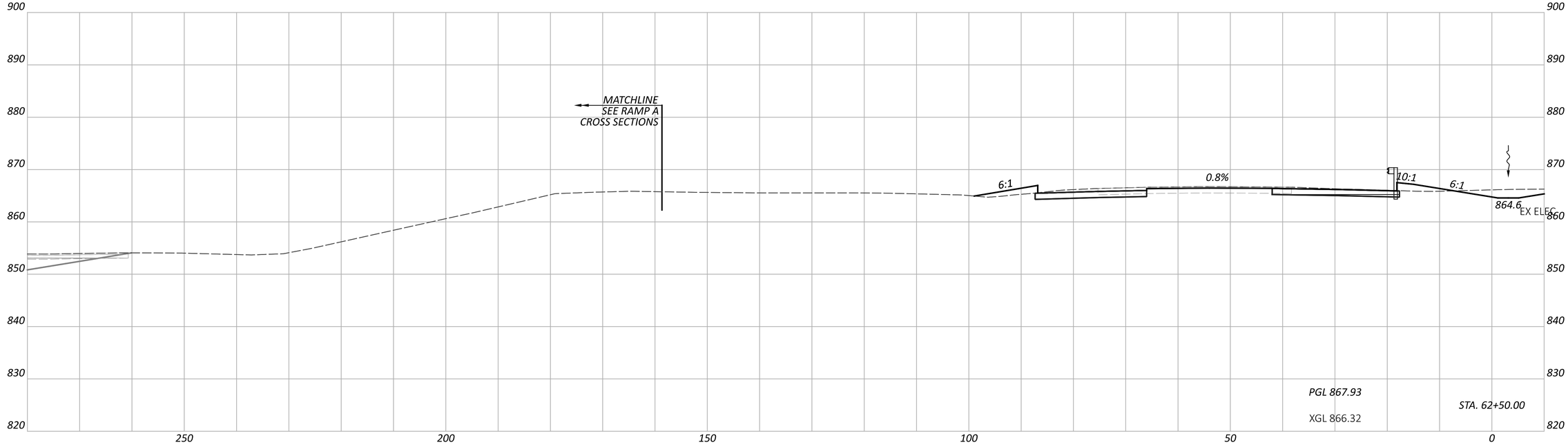
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0563 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 62+50.00 TO STA. 62+63.54

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0564 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 62+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:45 AM USER: brieder
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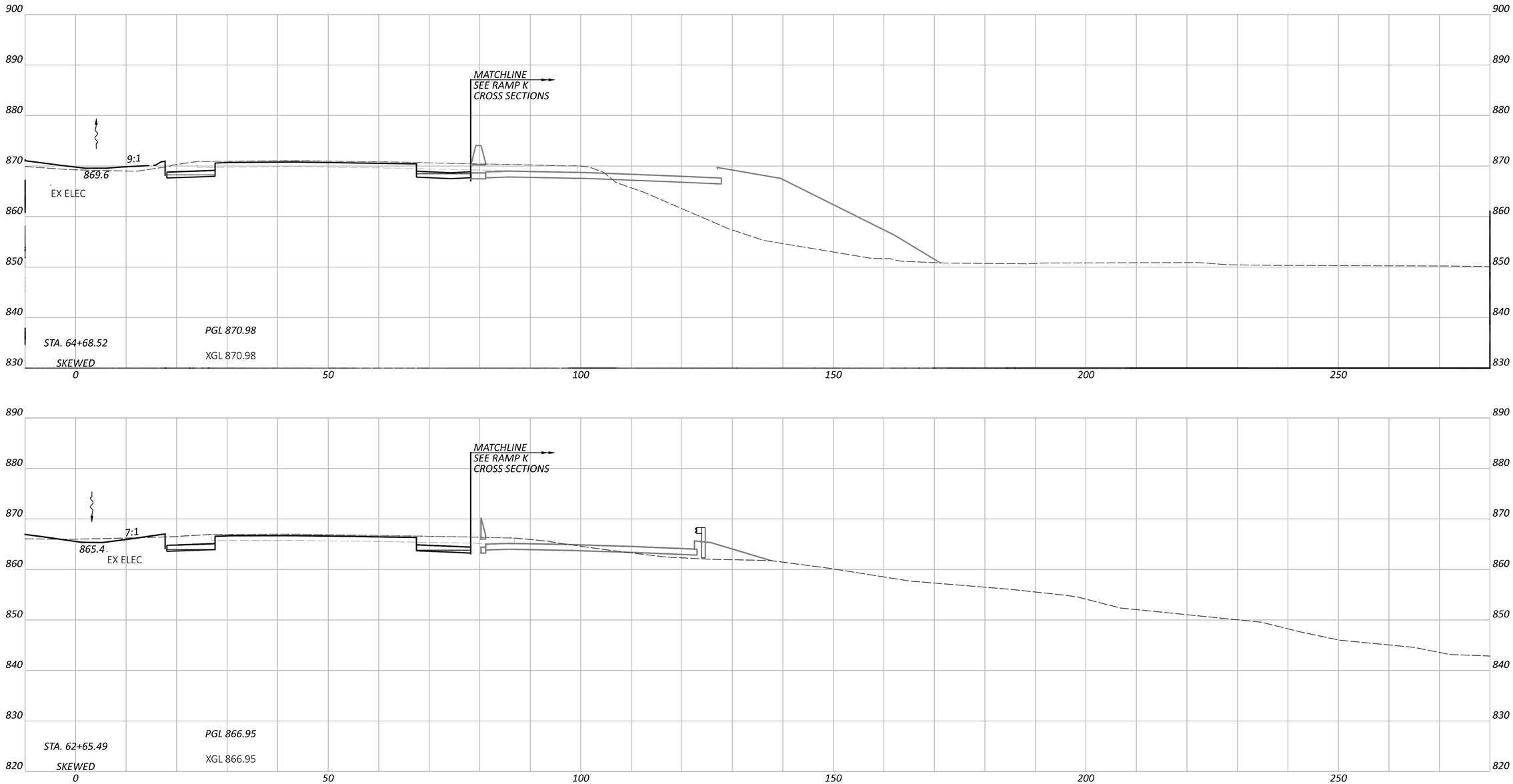
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 62+65.49 TO STA. 64+68.52

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0565
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 62+65.49 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:52 AM USER: brieder
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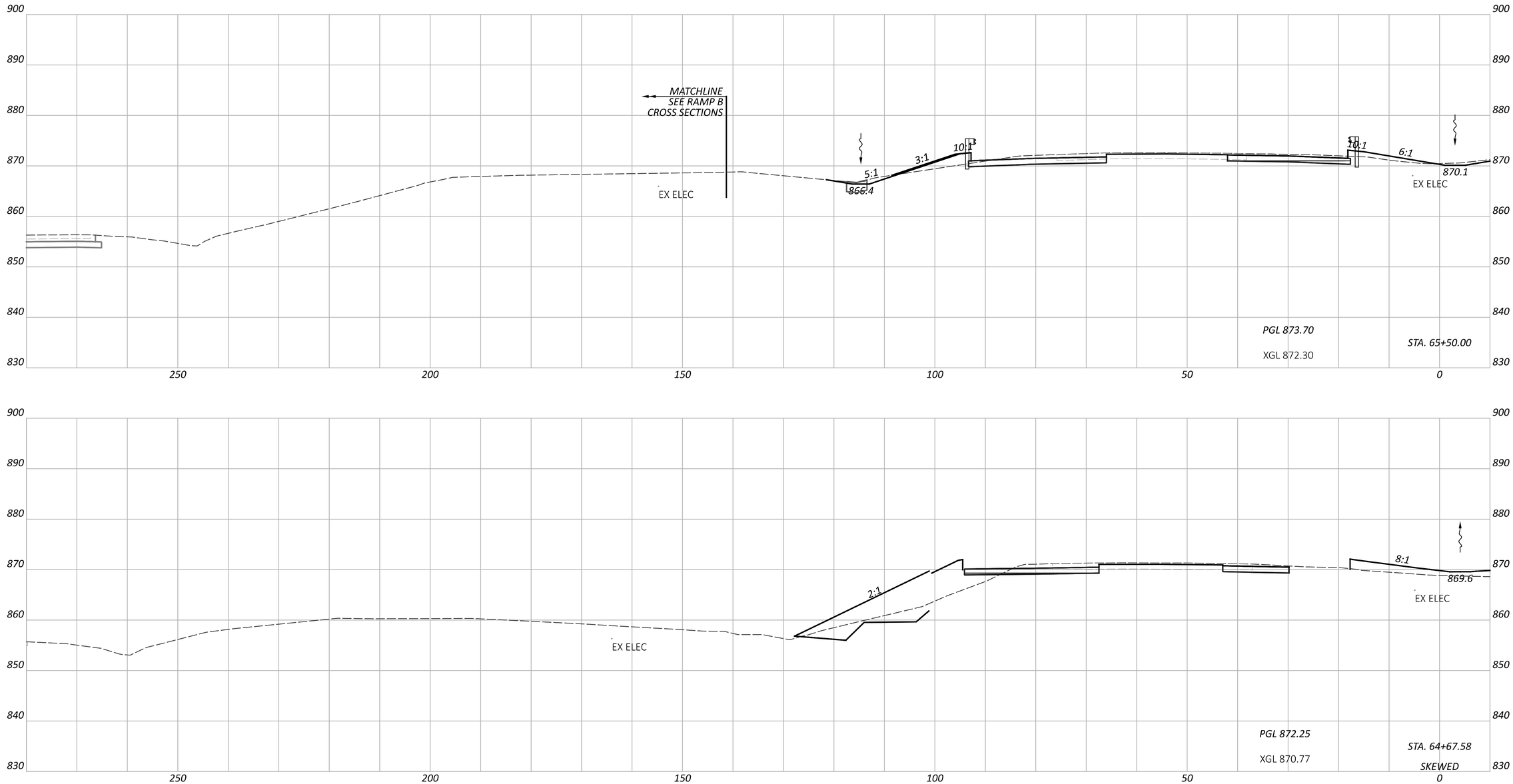
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 64+67.58 TO STA. 65+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 64+67.58 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:57:58 AM USER: brieder
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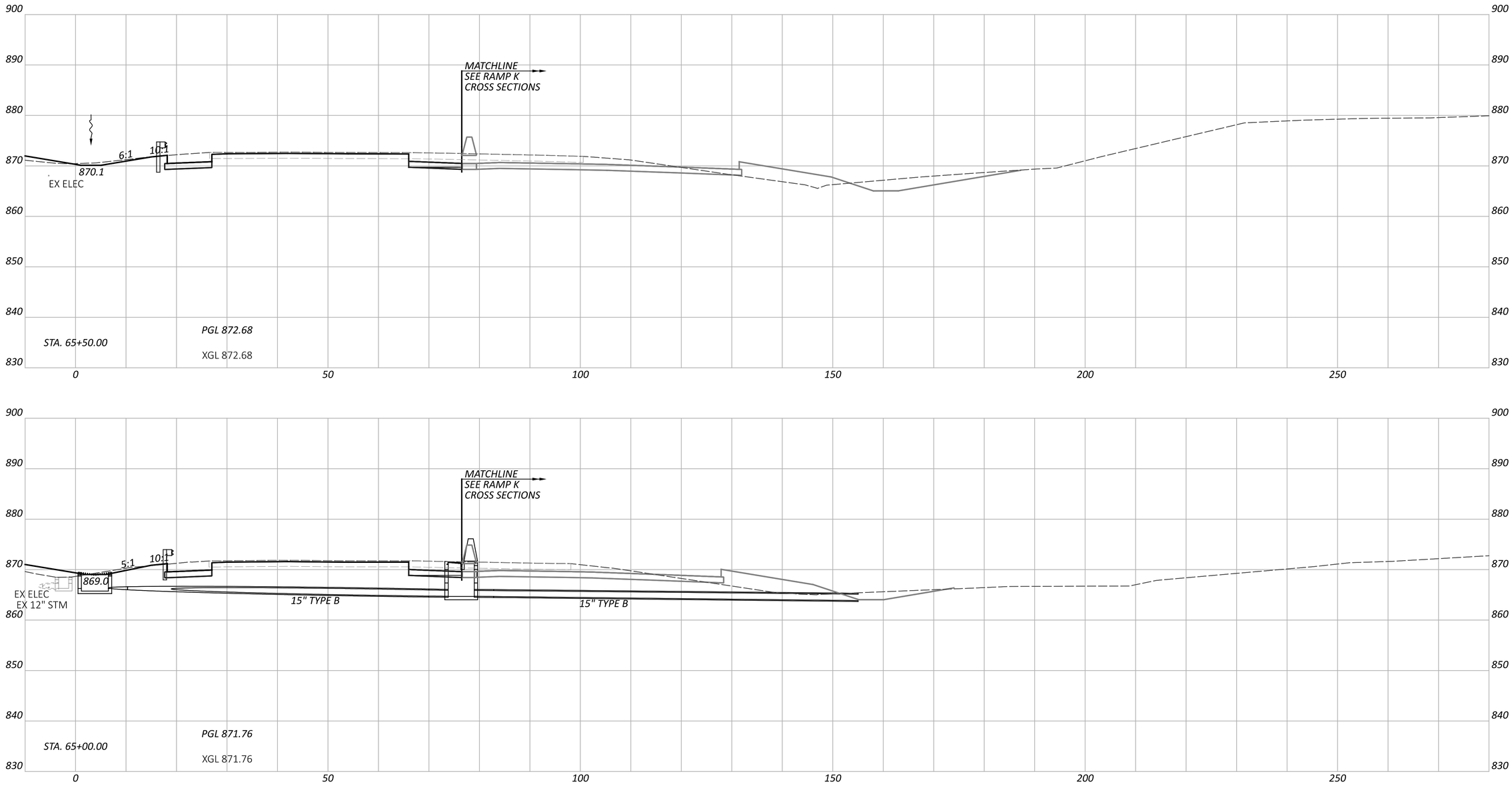
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0566 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 65+00.00 TO STA. 65+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0567 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 65+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:02 AM USER: brieder
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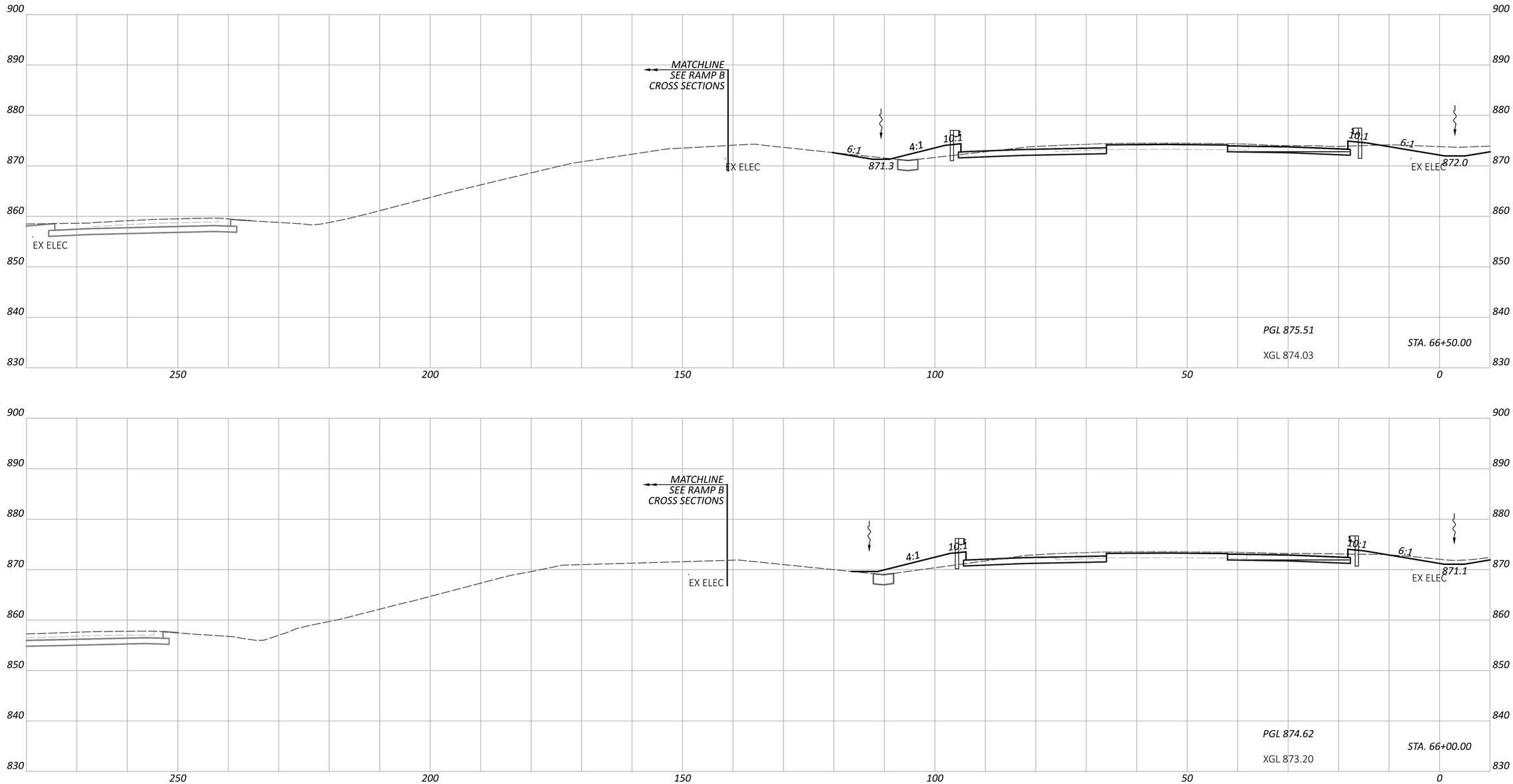
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 66+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:05 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

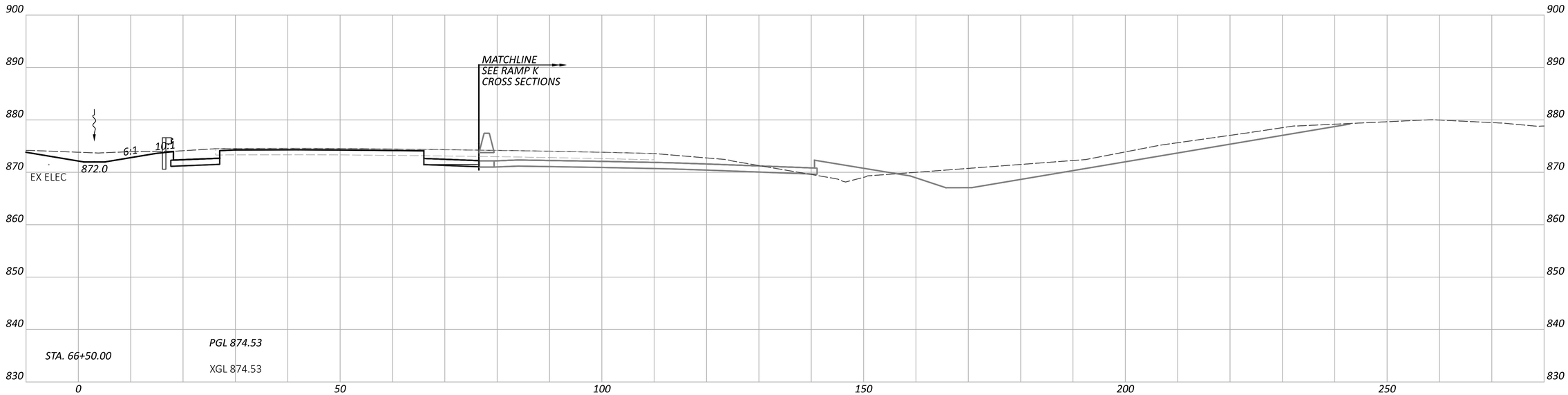
DESIGNER
BER

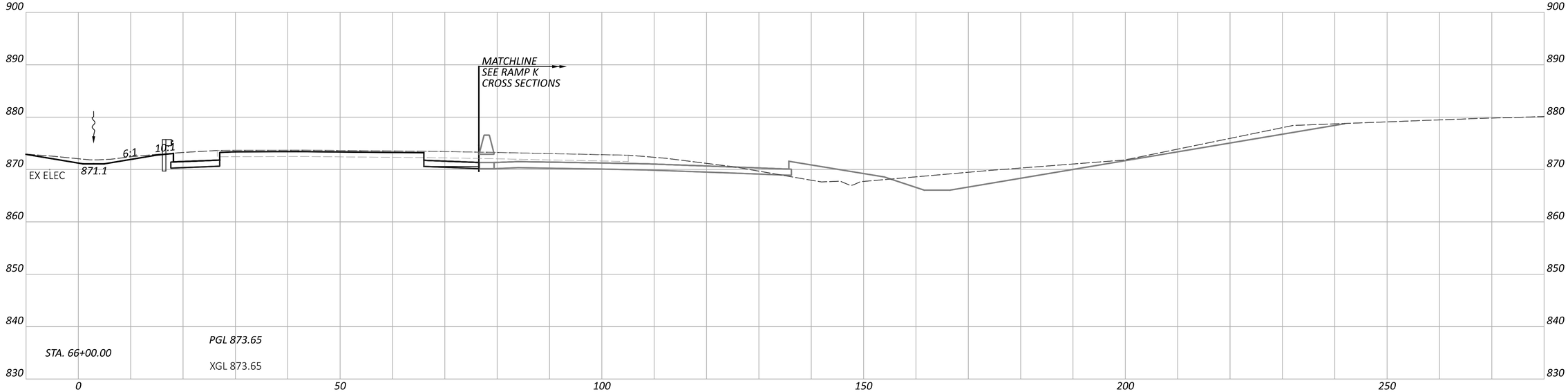
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0568 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 66+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:09 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

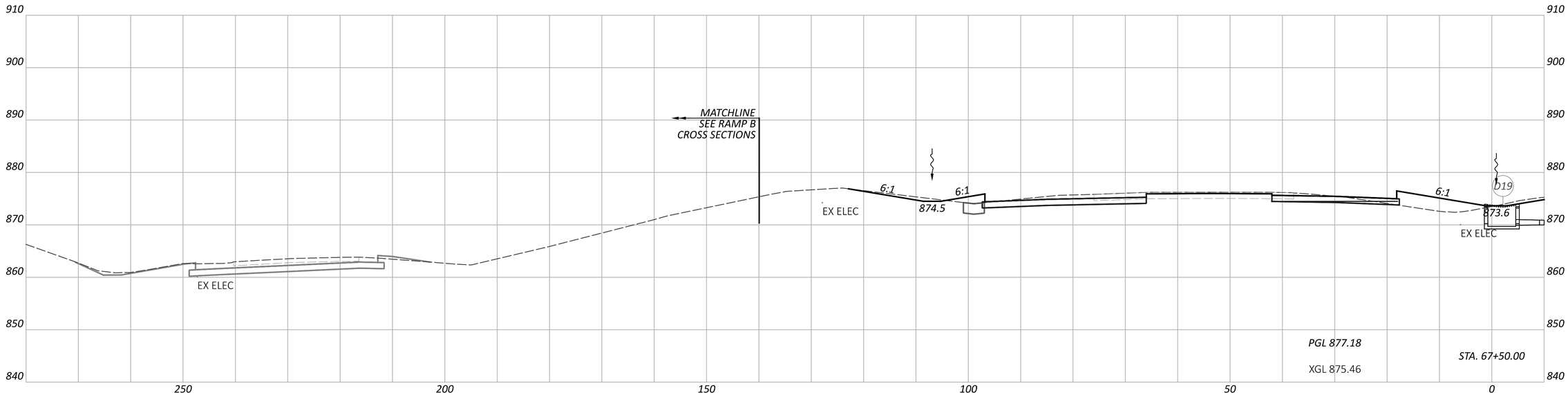
REVIEWER
KAM 08/07/26

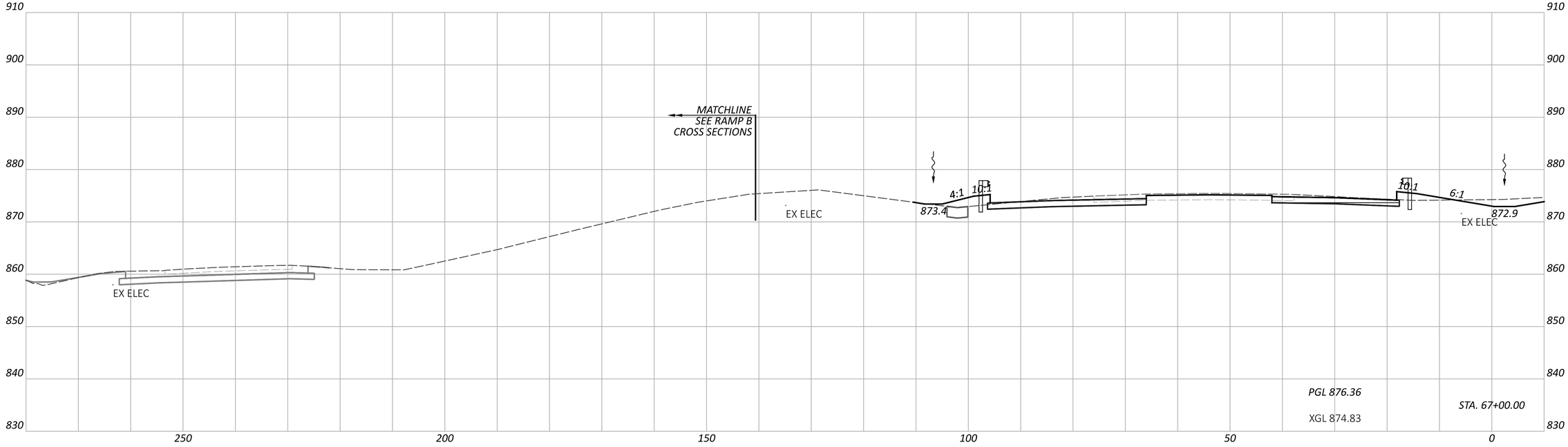
PROJECT ID
96808

SHEET P.0569 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 67+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:13 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

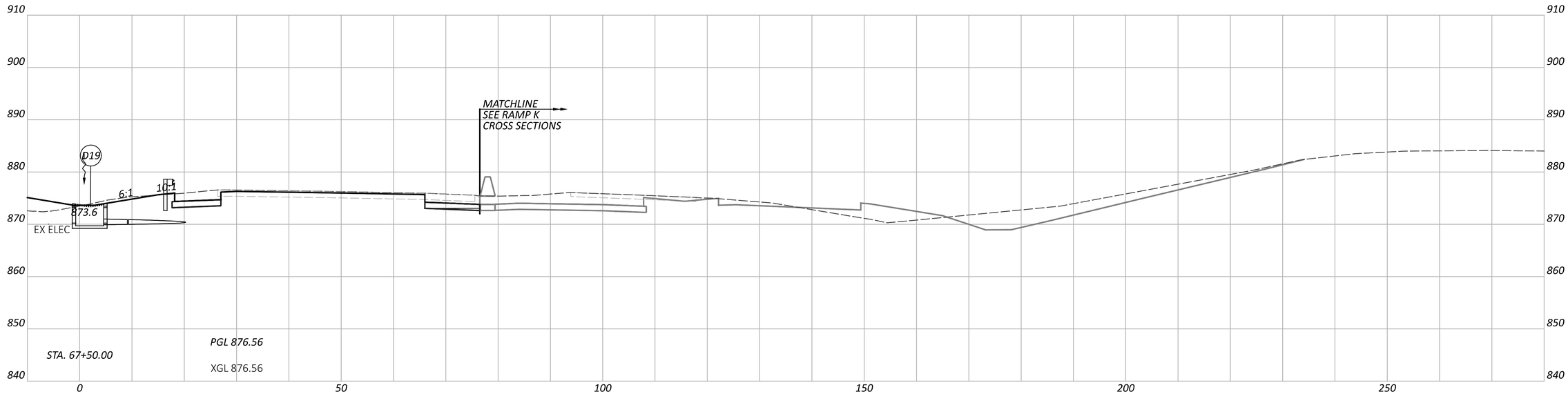
DESIGNER
BER

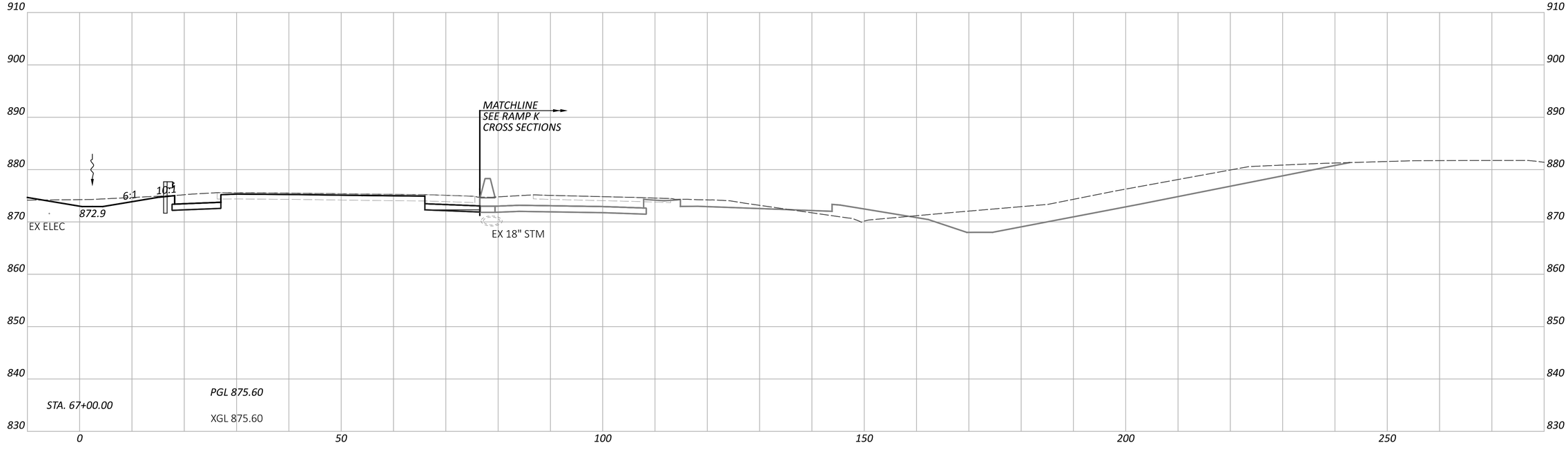
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0570 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 67+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:17 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS104.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

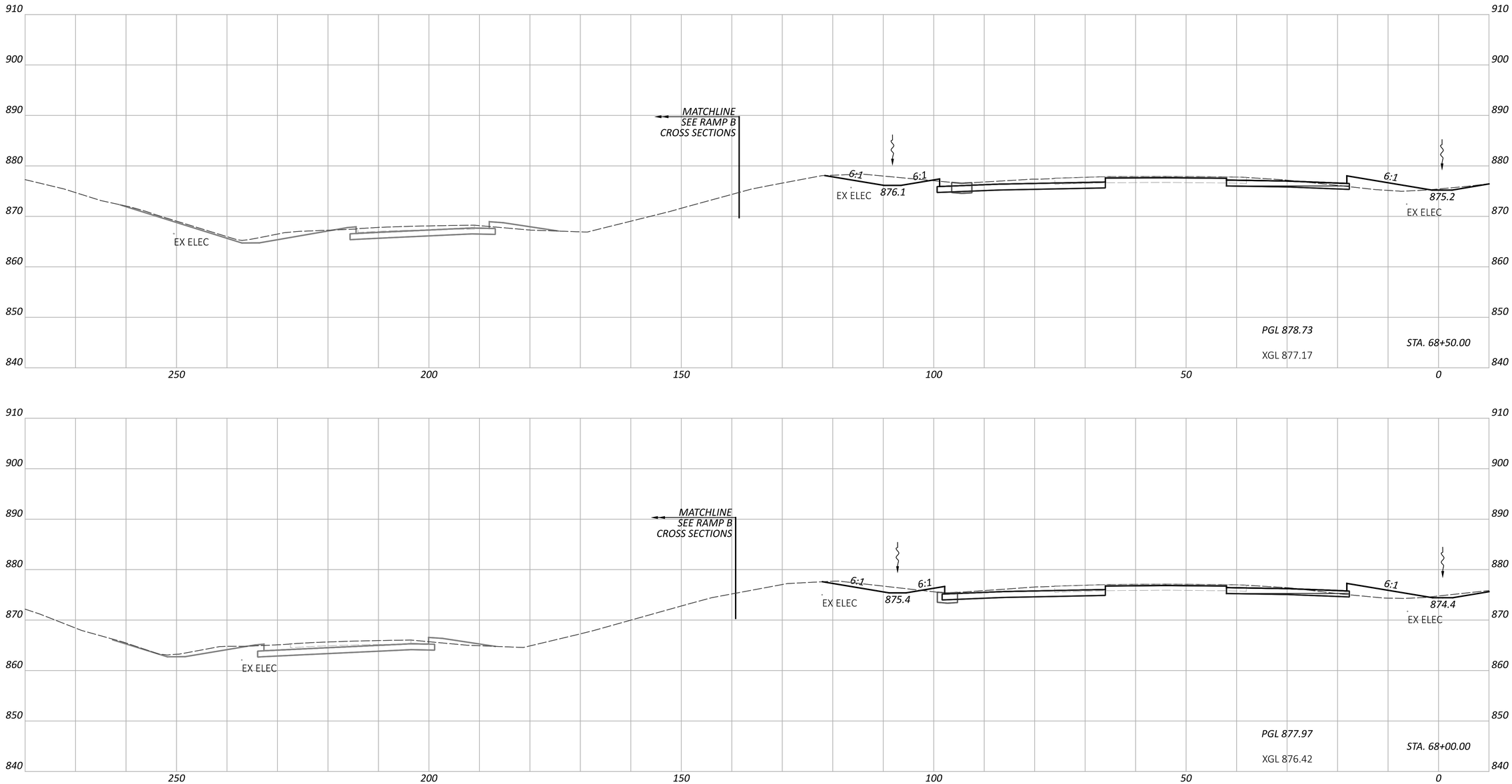
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0571 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 68+00.00 TO STA. 68+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0572
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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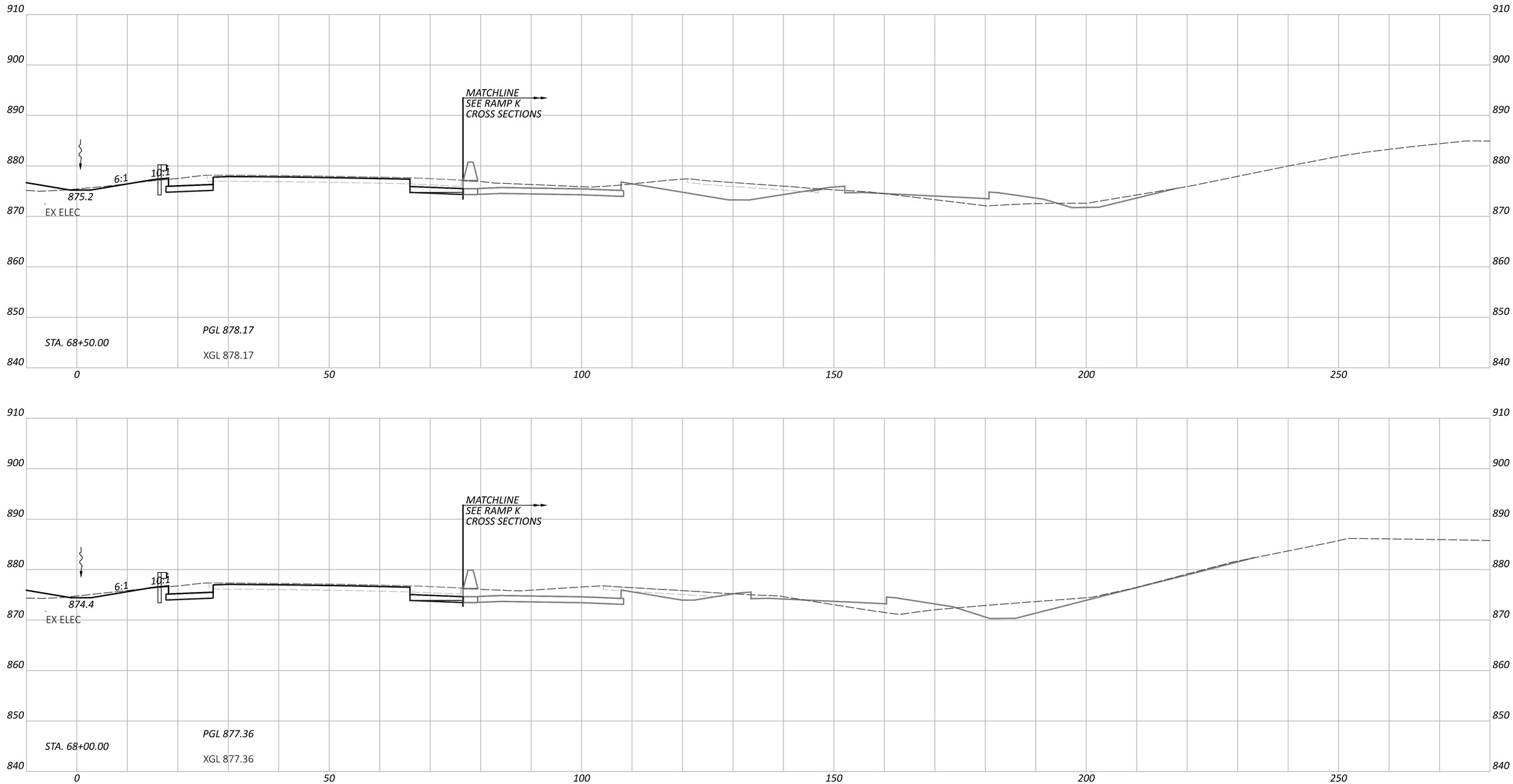
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 68+00.00 TO STA. 68+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 68+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:25 AM USER: brieder
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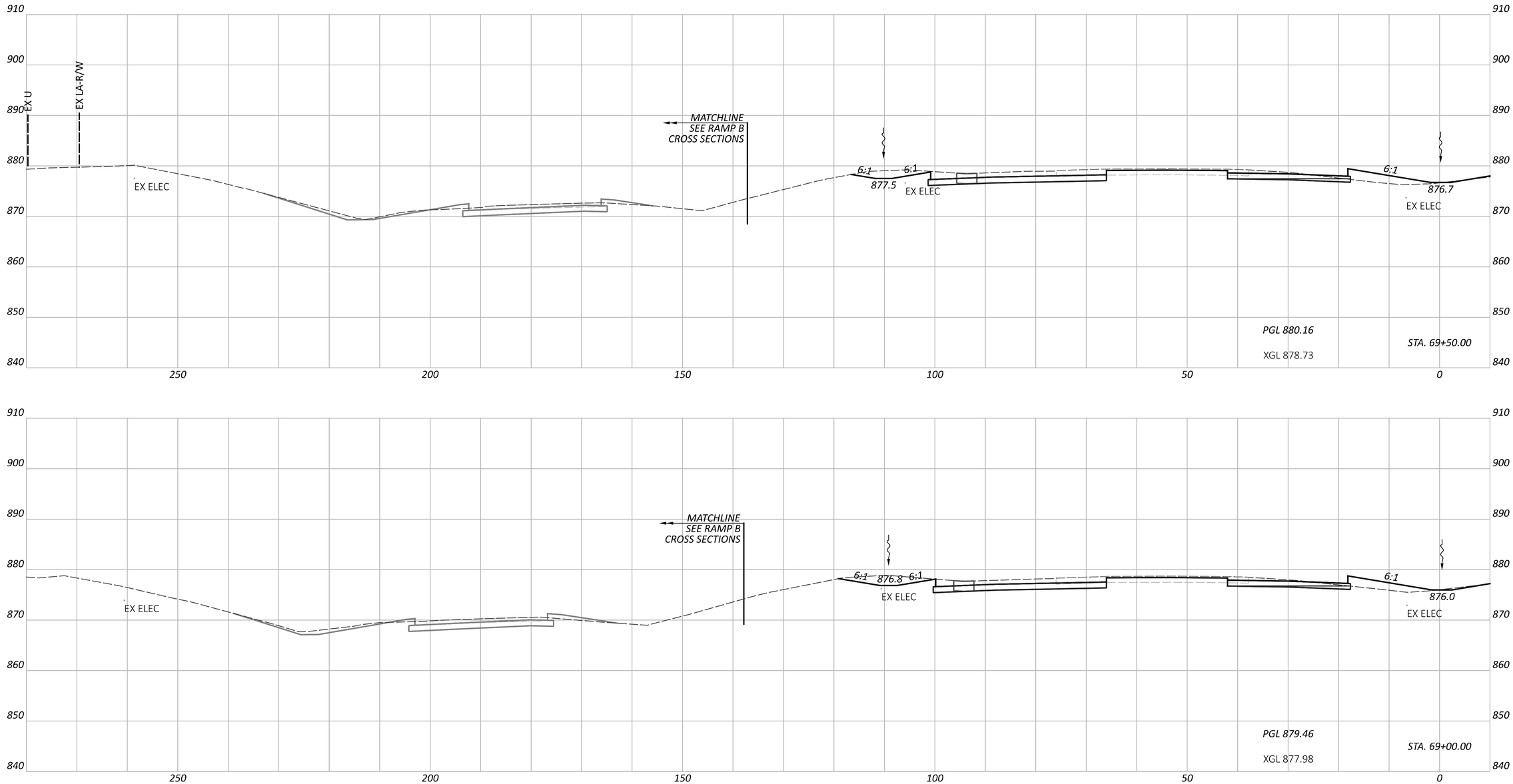
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0573
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 69+00.00 TO STA. 69+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 69+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:29 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

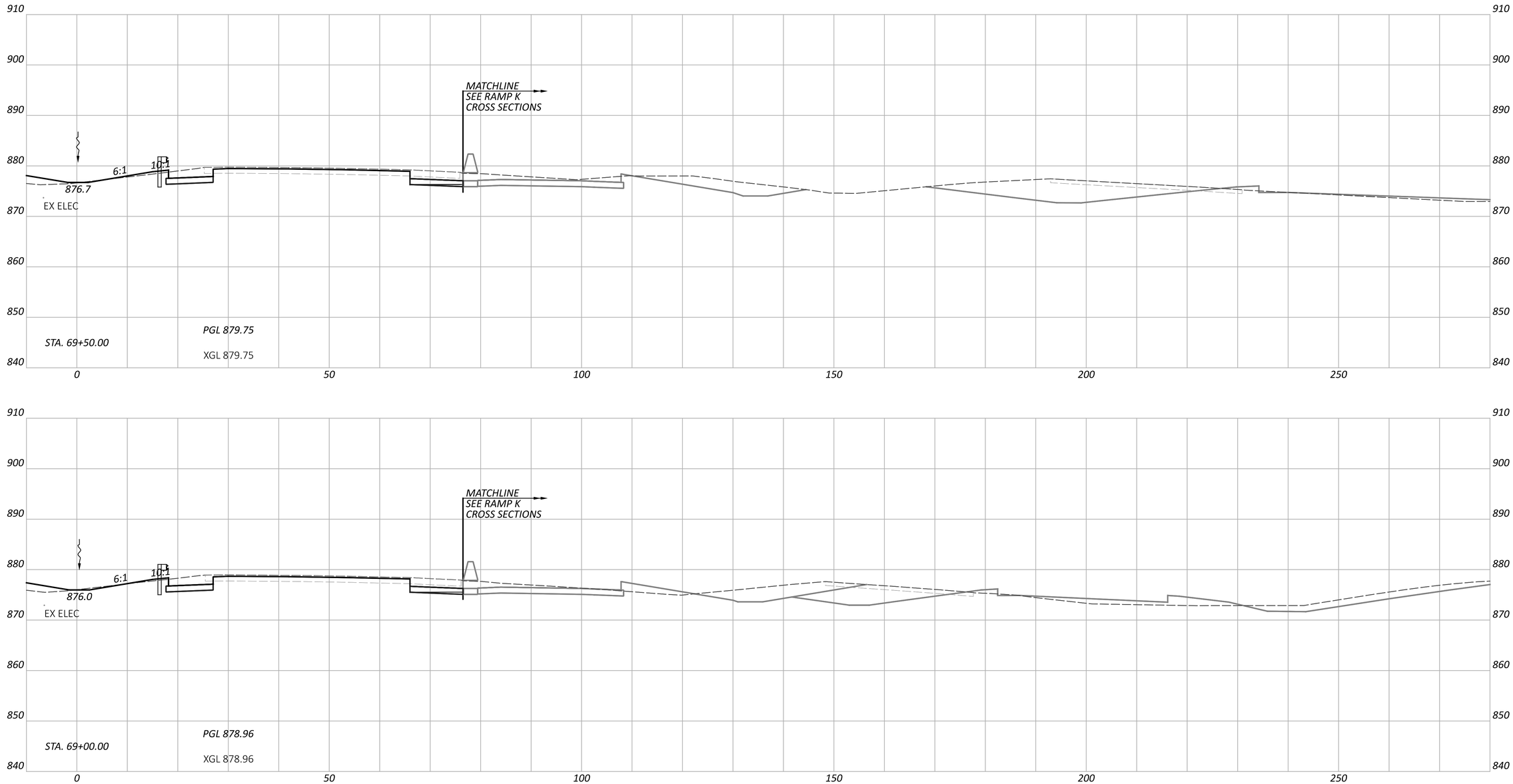
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0574 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 69+00.00 TO STA. 69+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 69+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:33 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

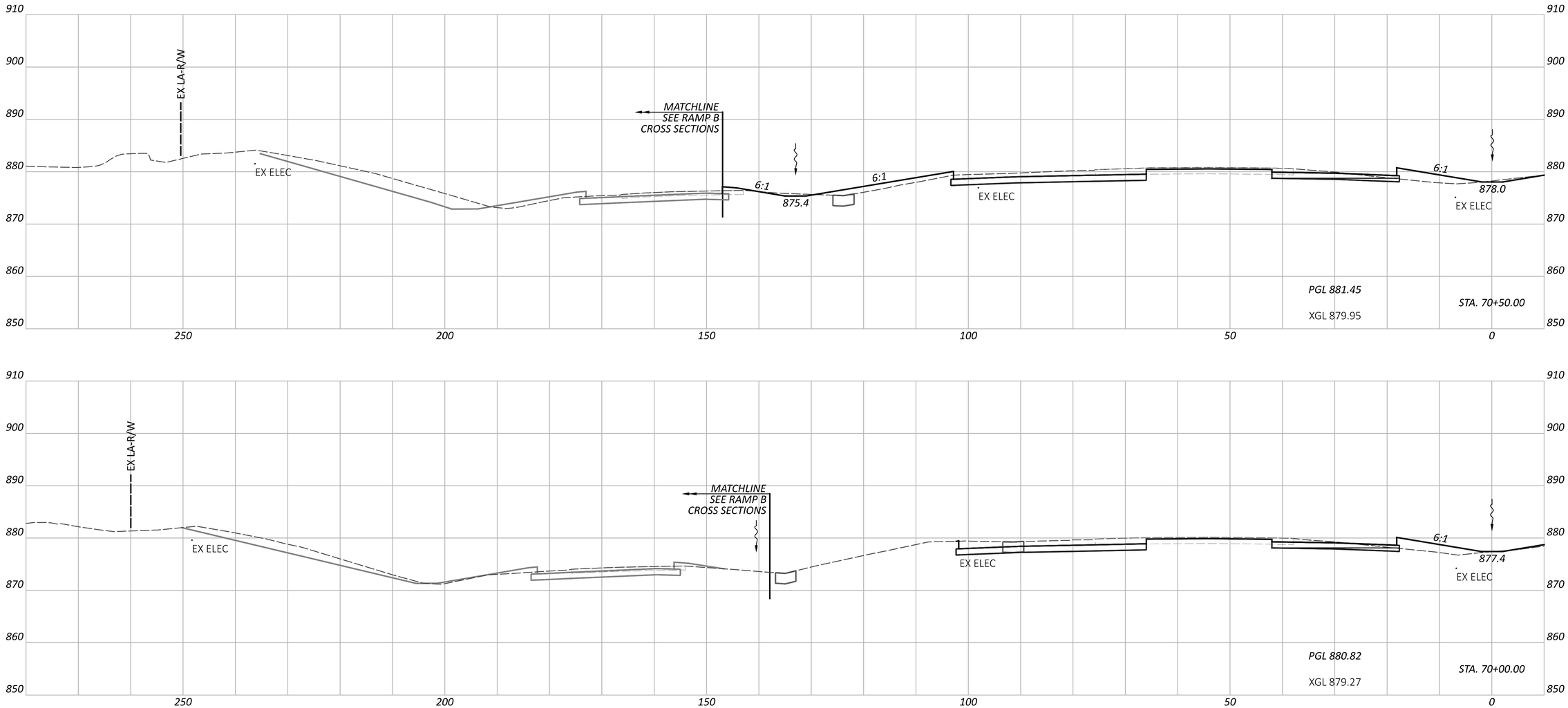
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0575 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 70+00.00 TO STA. 70+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 70+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:43 AM USER: brieder
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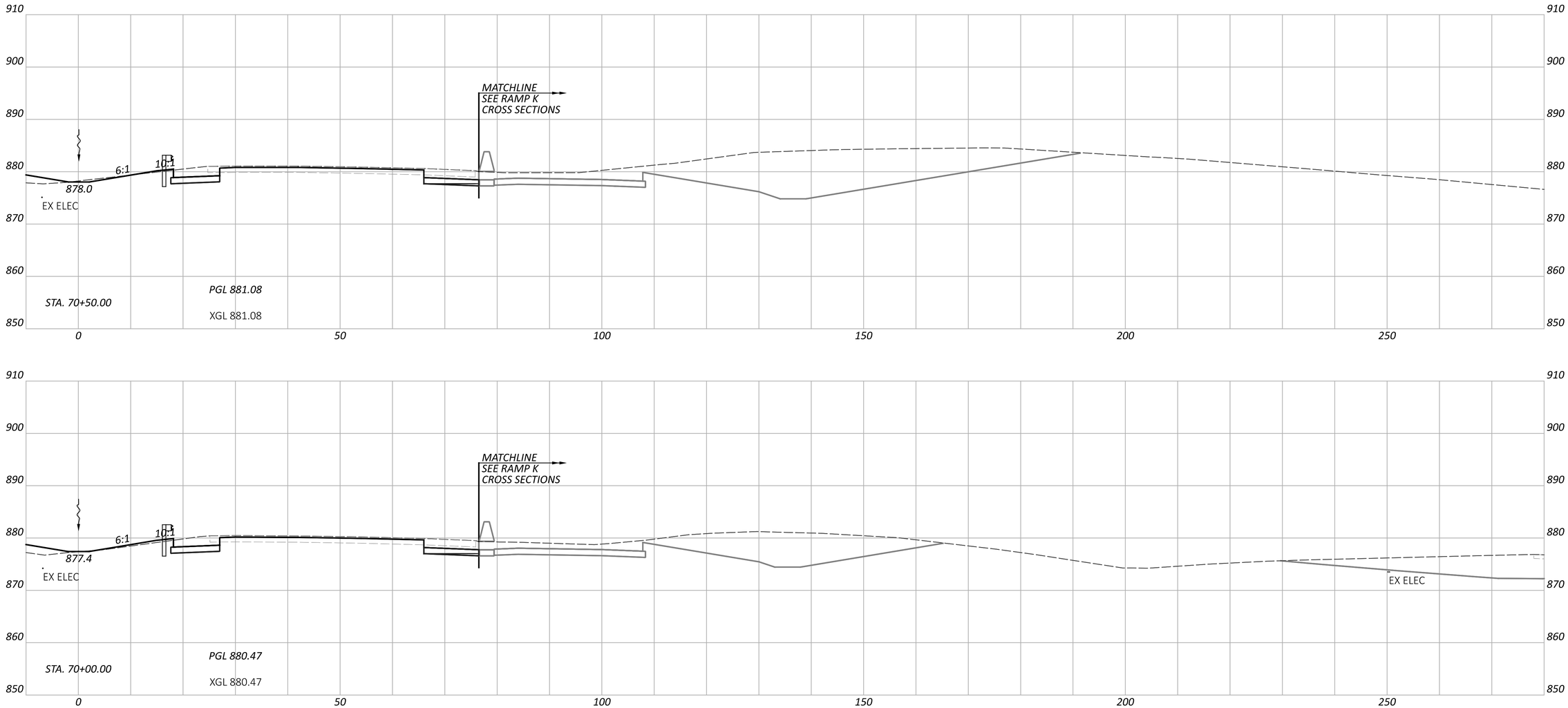
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0576
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 70+00.00 TO STA. 70+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0577 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 70+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:49 AM USER: brieder
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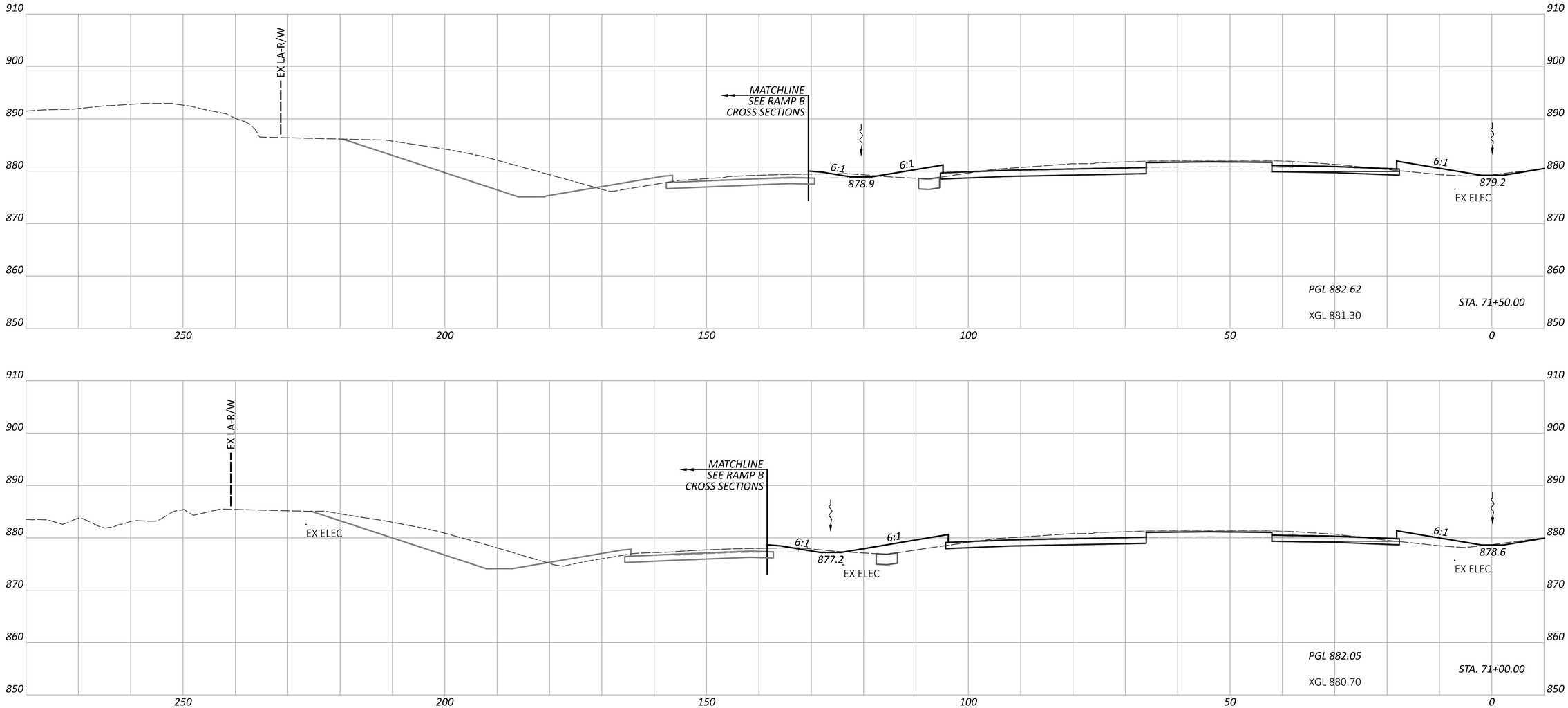
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 71+00.00 TO STA. 71+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 71+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:55 AM USER: brieder
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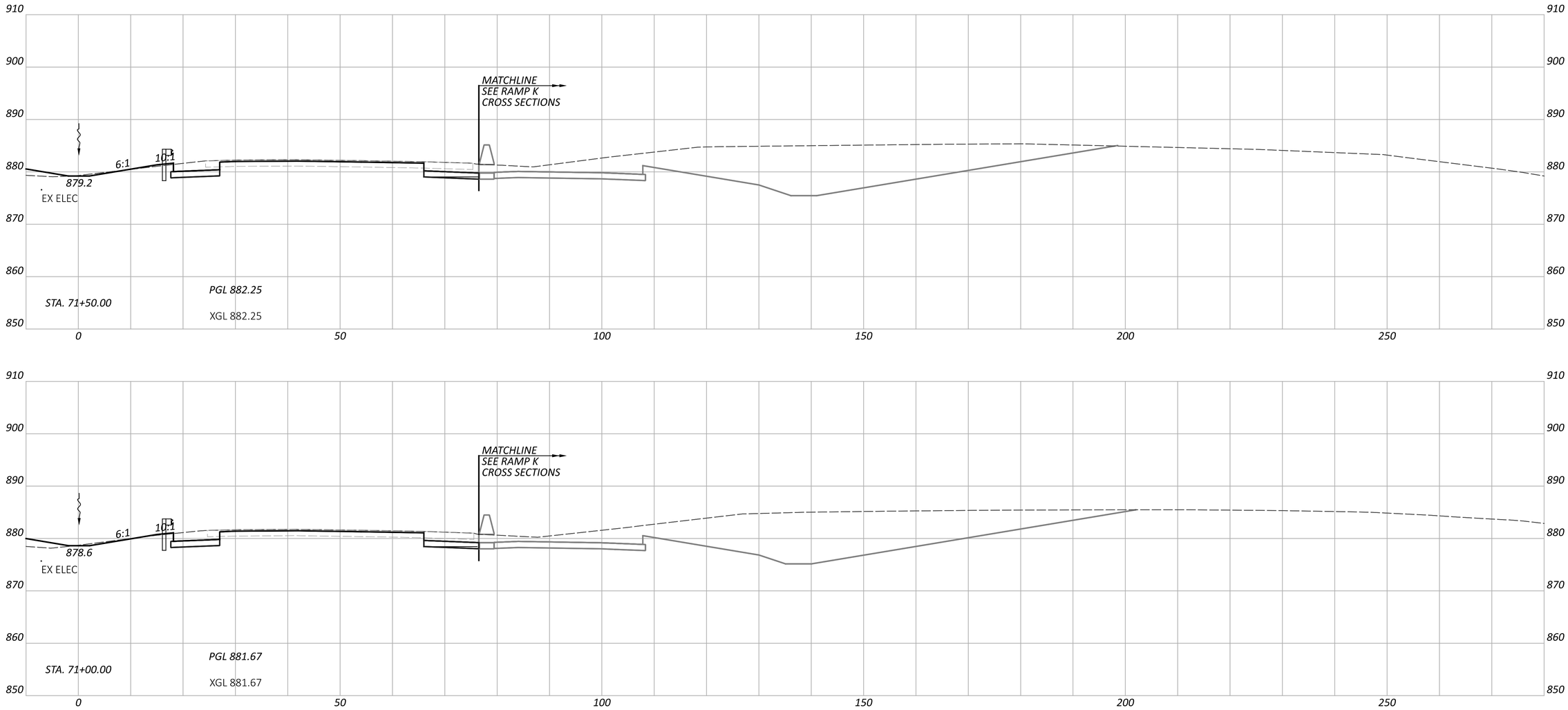
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0578
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 71+00.00 TO STA. 71+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0579
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 71+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:58:59 AM USER: brieder
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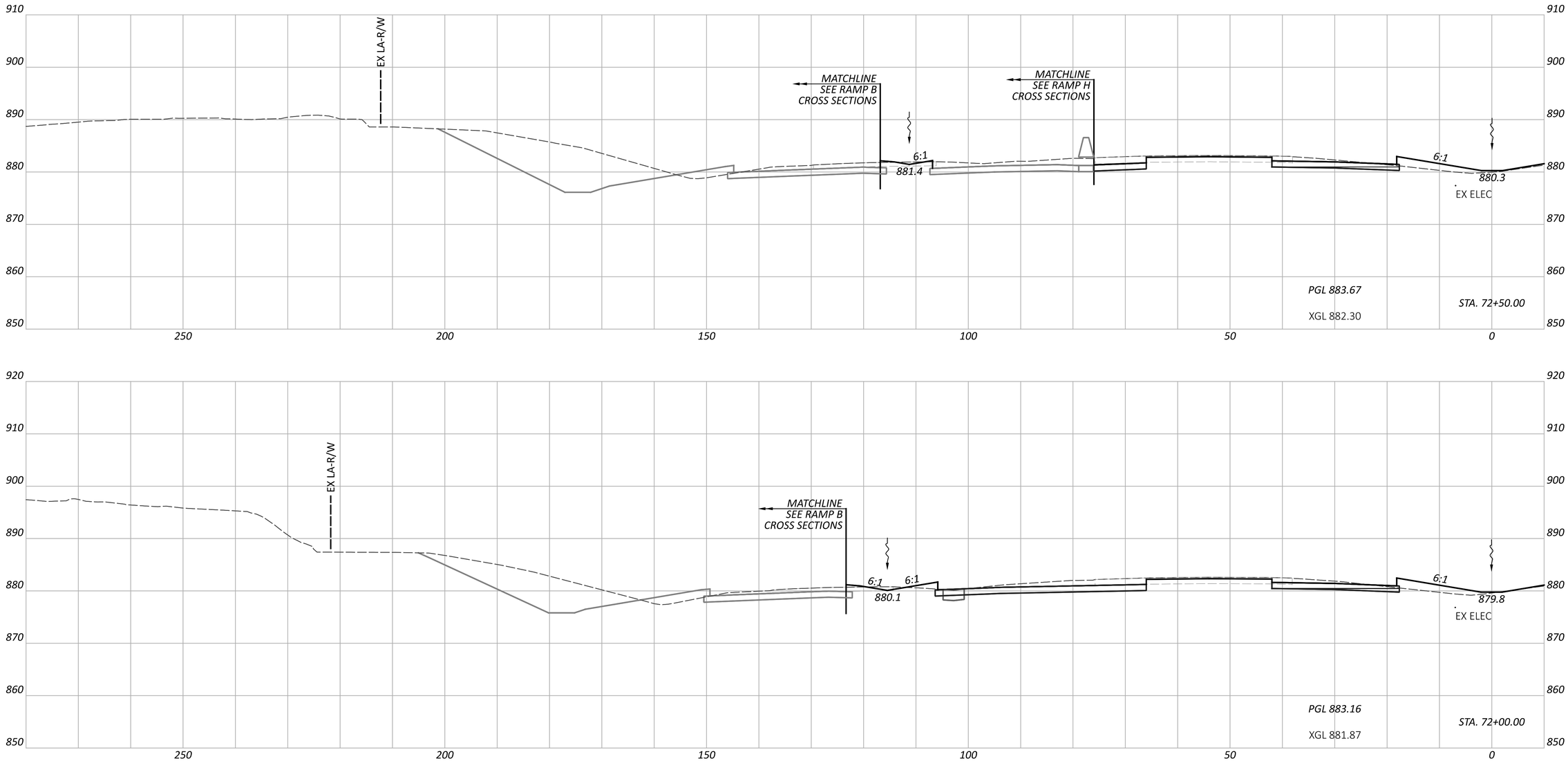
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 72+00.00 TO STA. 72+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 72+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:02 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

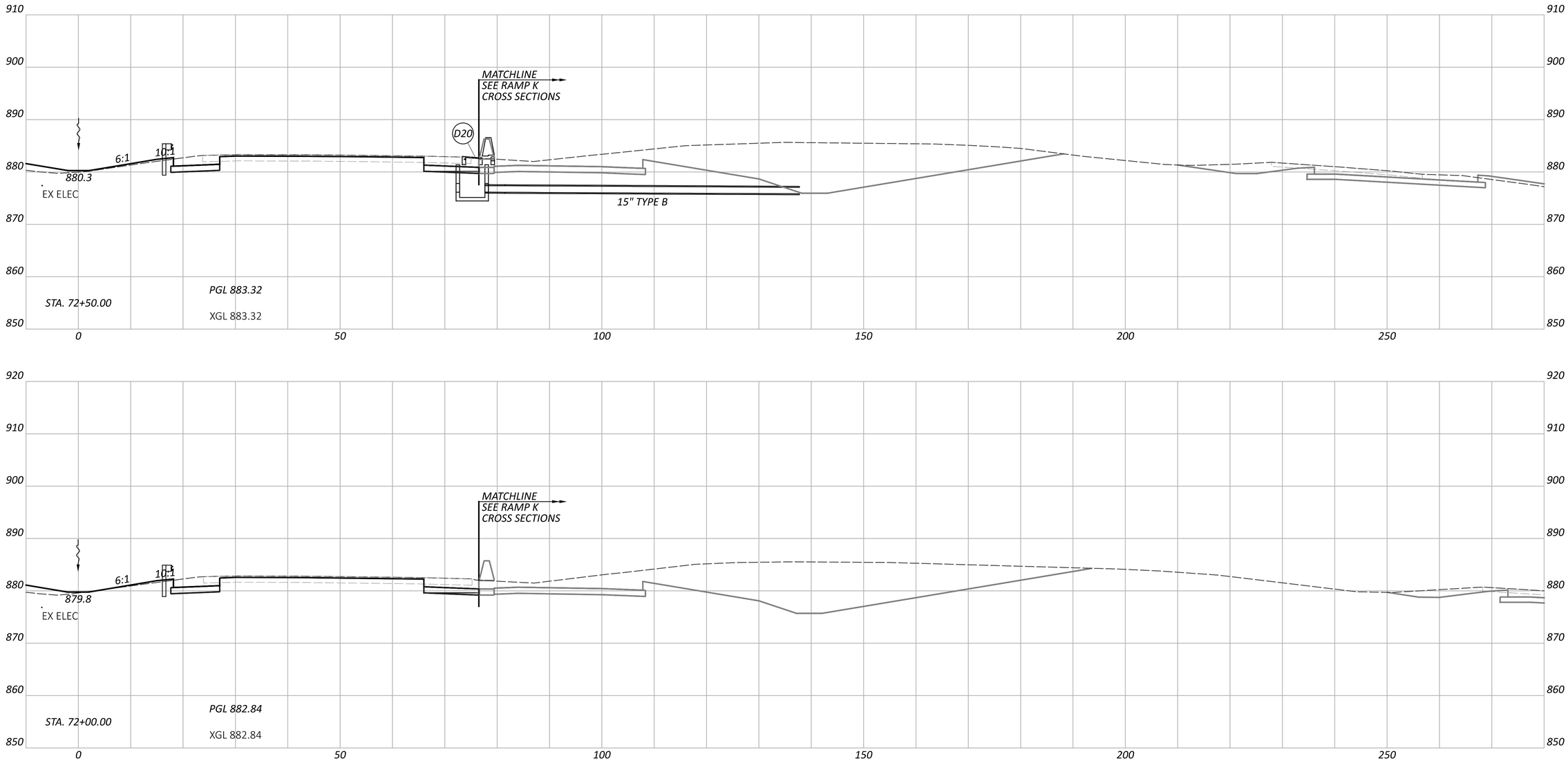
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0580 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 72+00.00 TO STA. 72+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 72+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:05 AM USER: brieder
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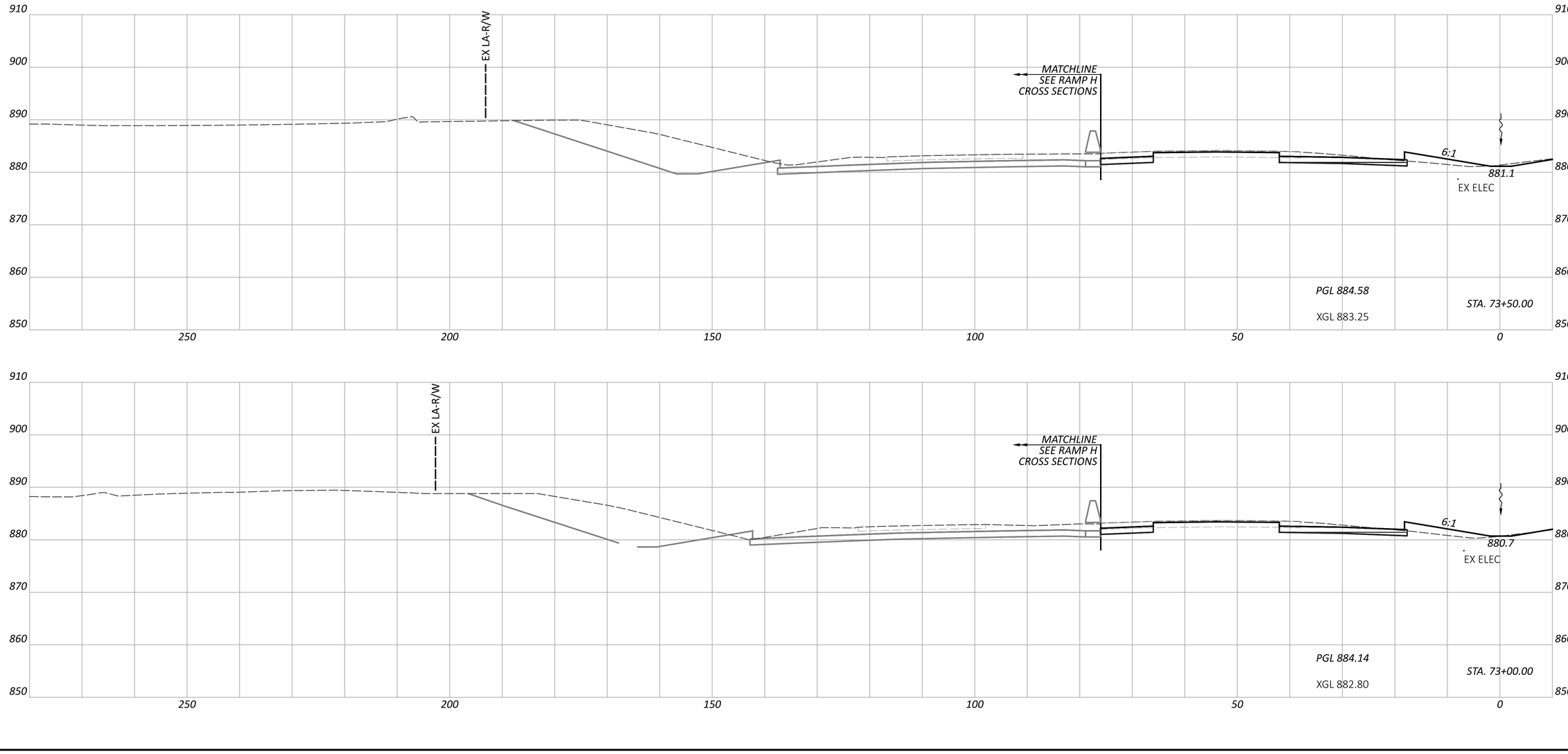
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0581 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 73+00.00 TO STA. 73+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 73+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:10 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

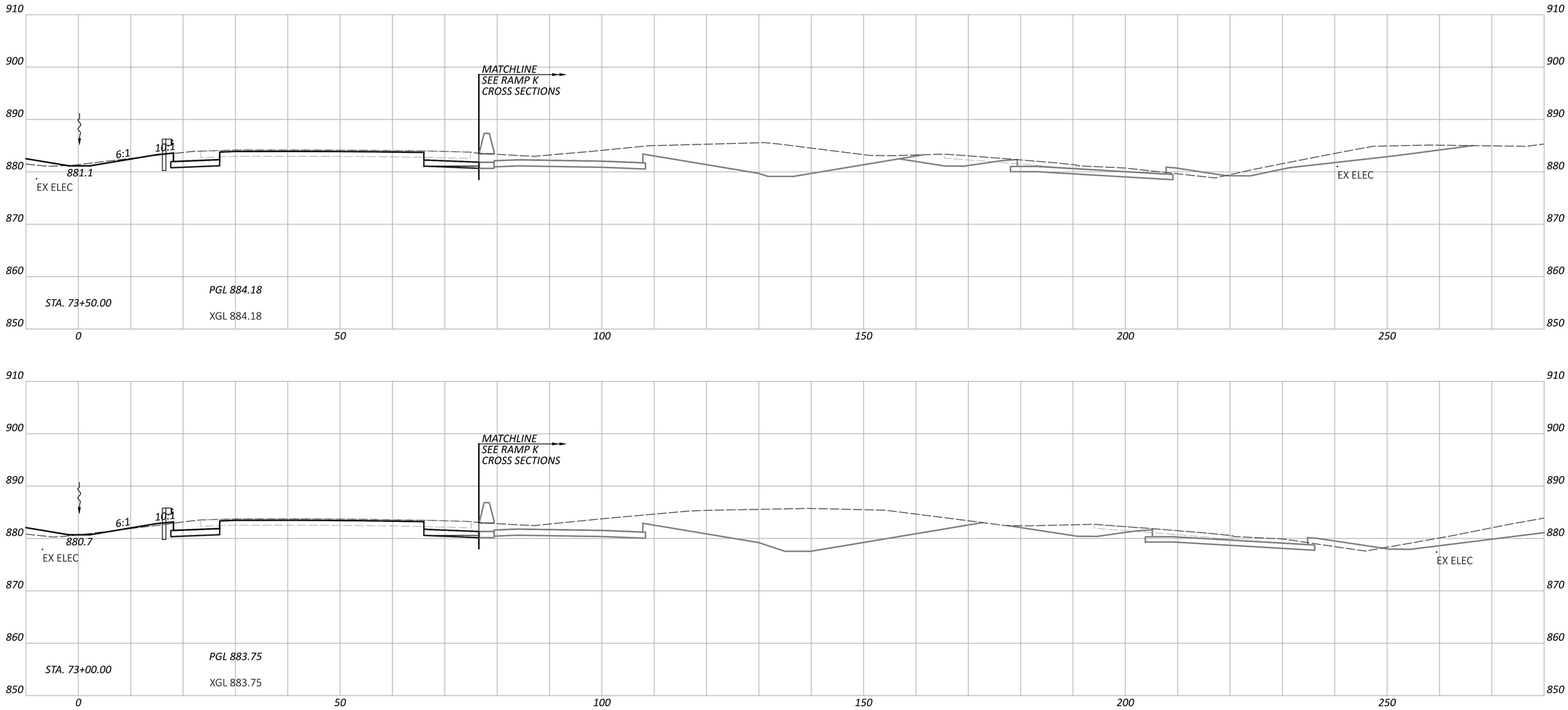
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0582 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 73+00.00 TO STA. 73+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0583 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 73+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:13 AM USER: brieder
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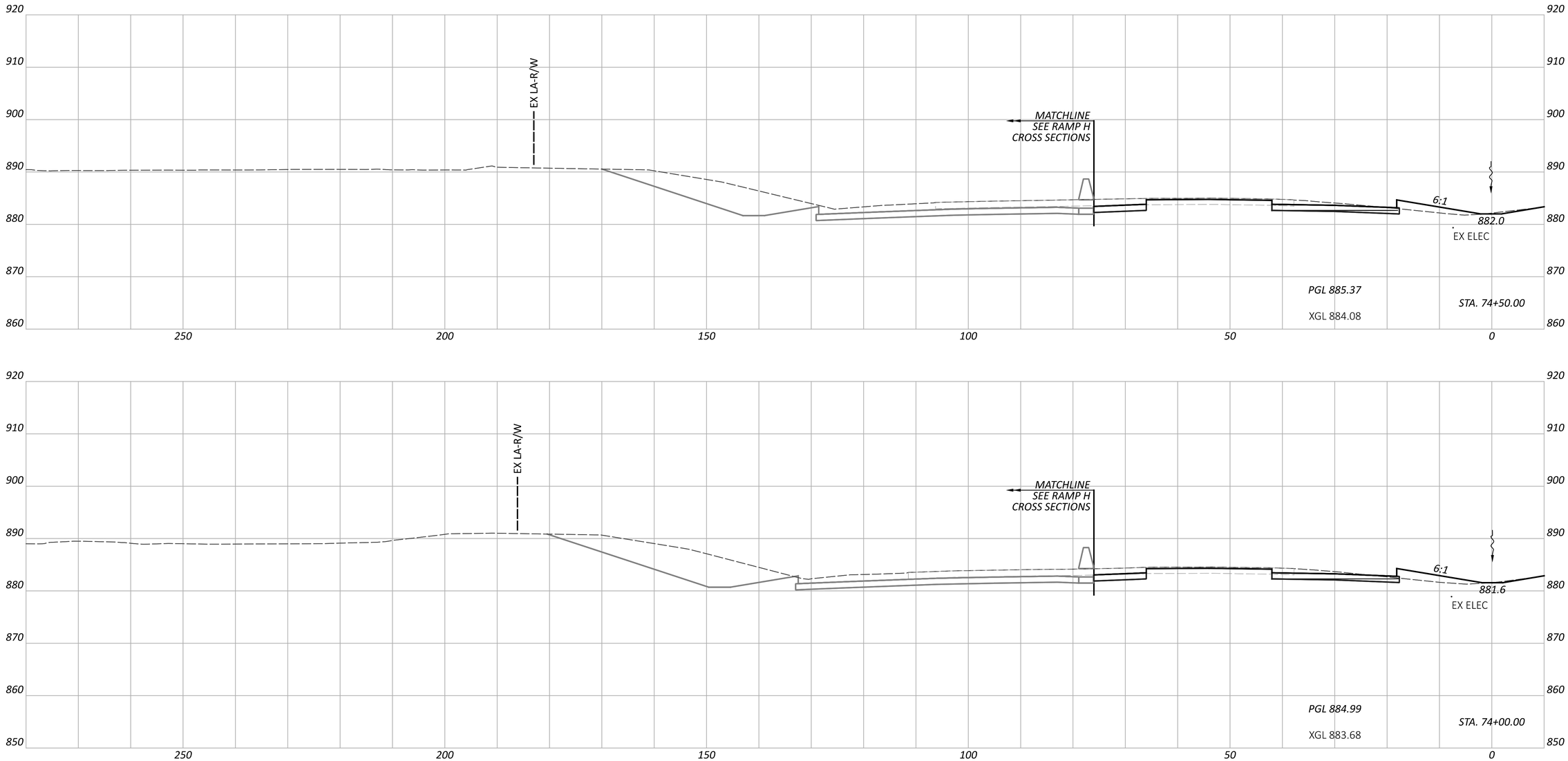
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 74+00.00 TO STA. 74+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 74+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:17 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

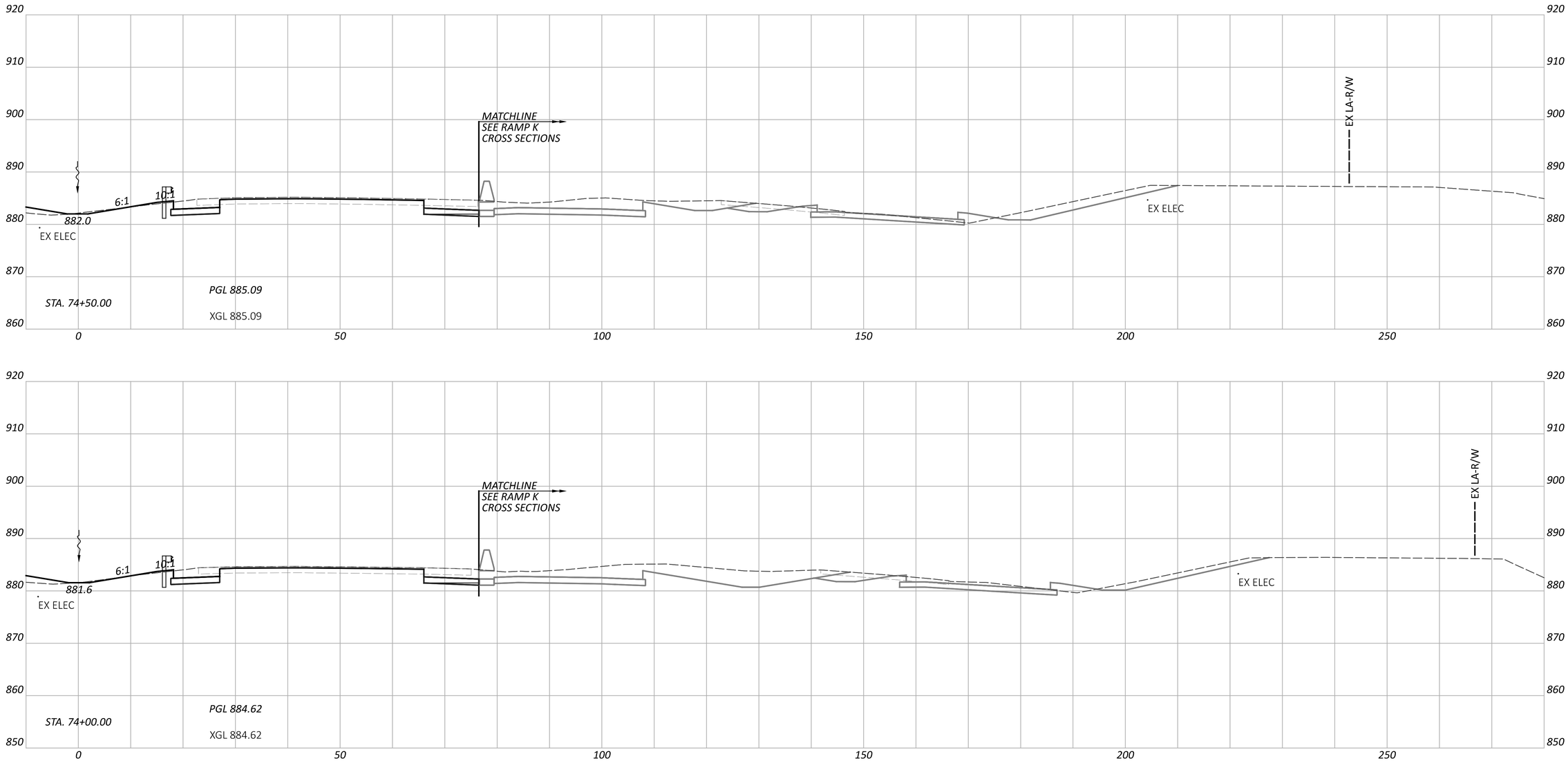
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0584 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 74+00.00 TO STA. 74+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 74+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:20 AM USER: brieder
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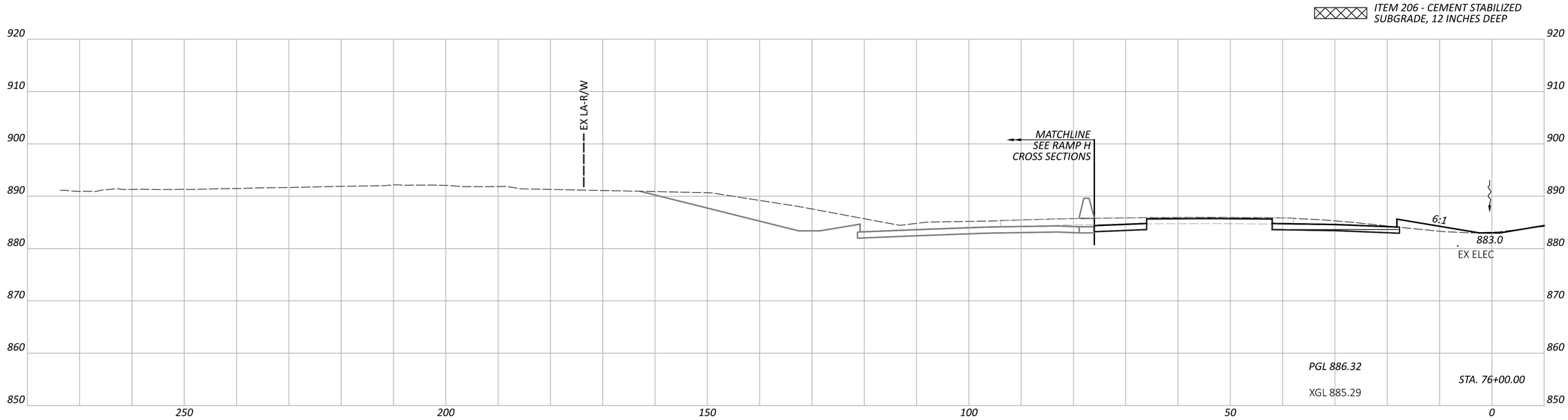
DESIGN AGENCY
STRUCTUREPOINT INC.

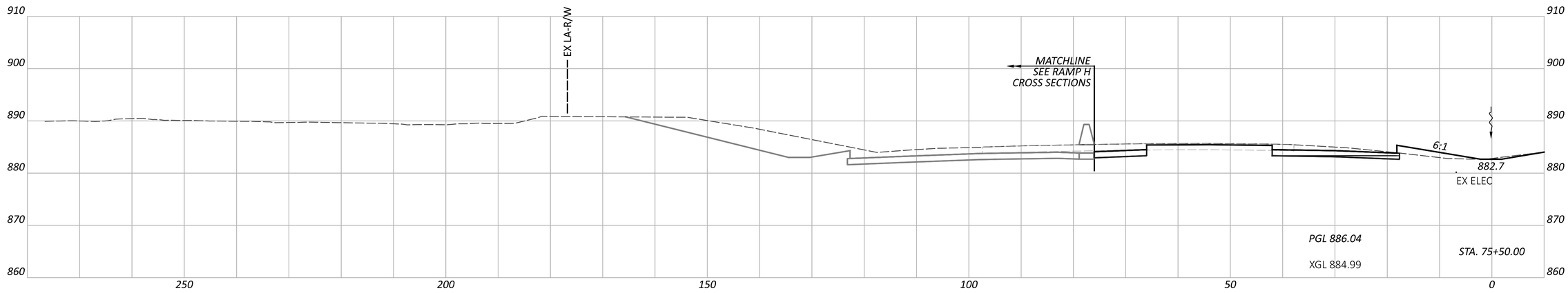
DESIGNER
BER

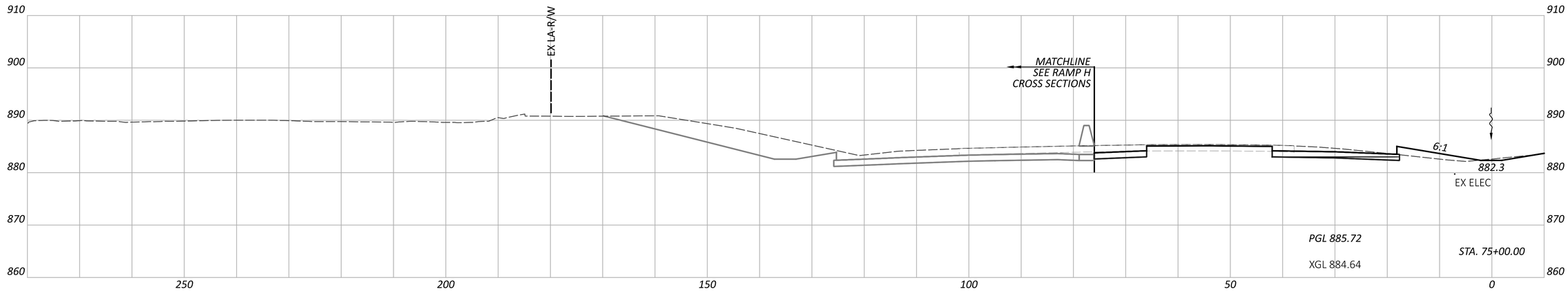
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0585 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 75+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:23 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

CROSS SECTIONS - IR 70 WB
STA. 75+00.00 TO STA. 76+00.00

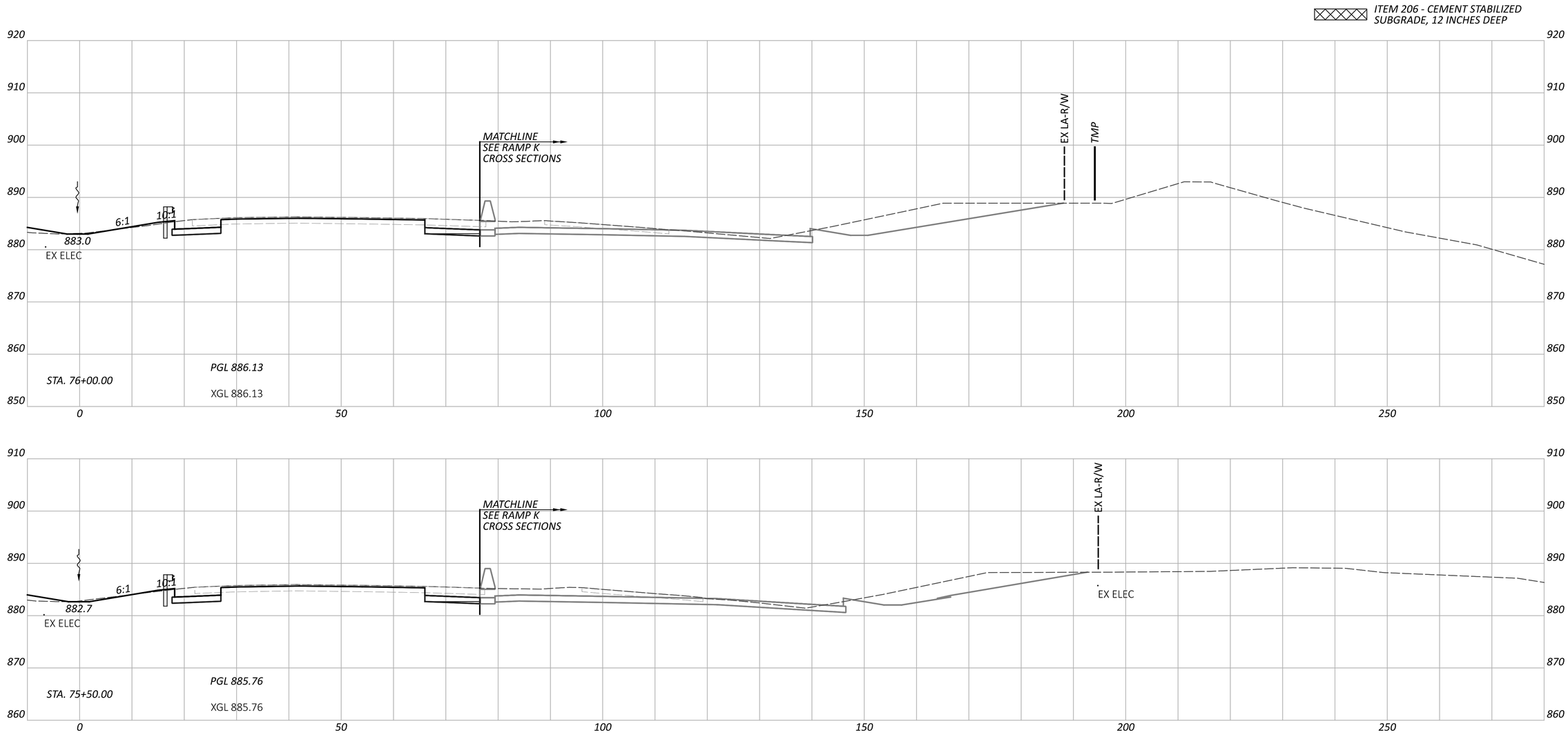
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0586 TOTAL P.2024



CROSS SECTIONS - IR 70 EB
STA. 75+00.00 TO STA. 76+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 75+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:27 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

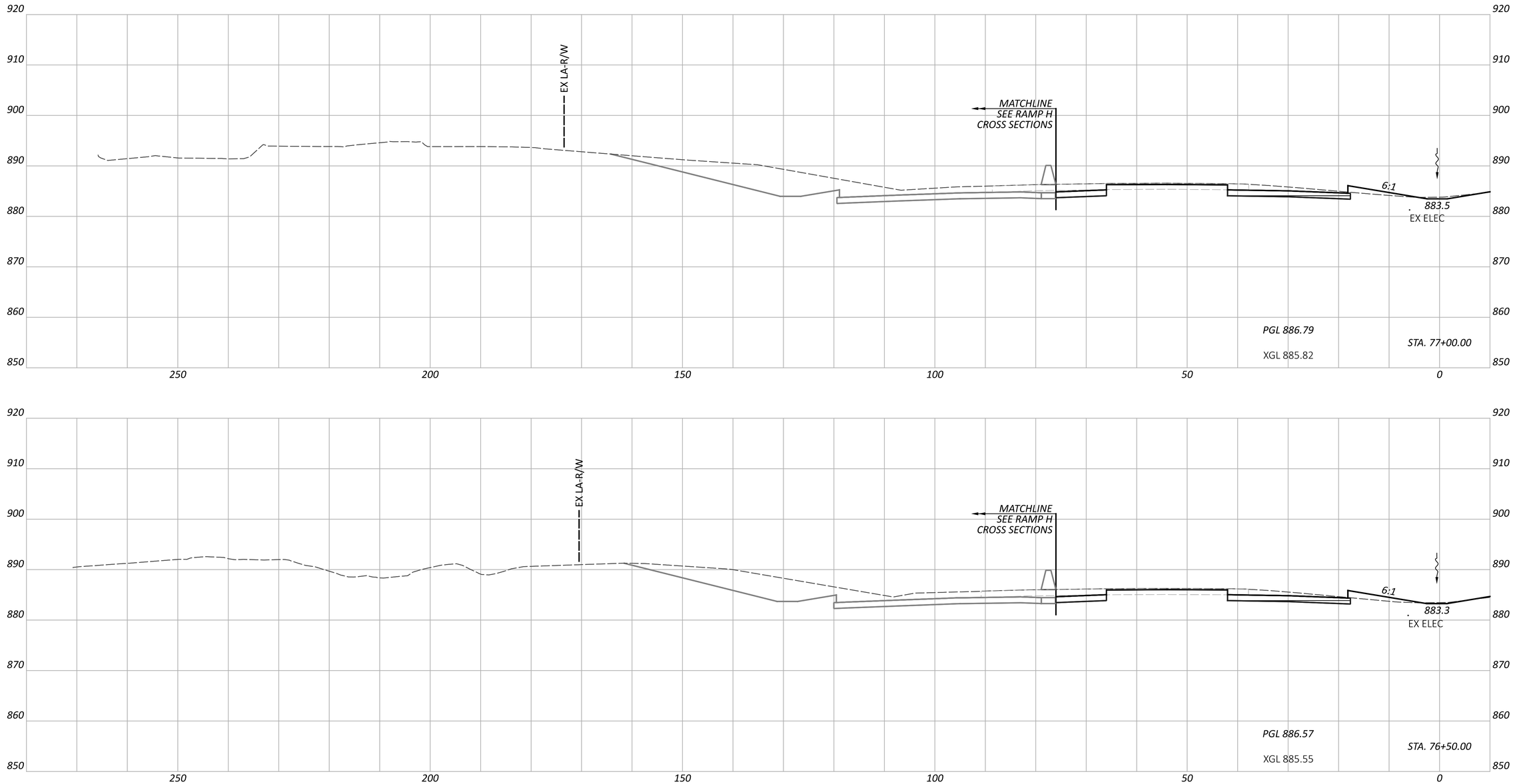
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0587 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 76+50.00 TO STA. 77+00.00

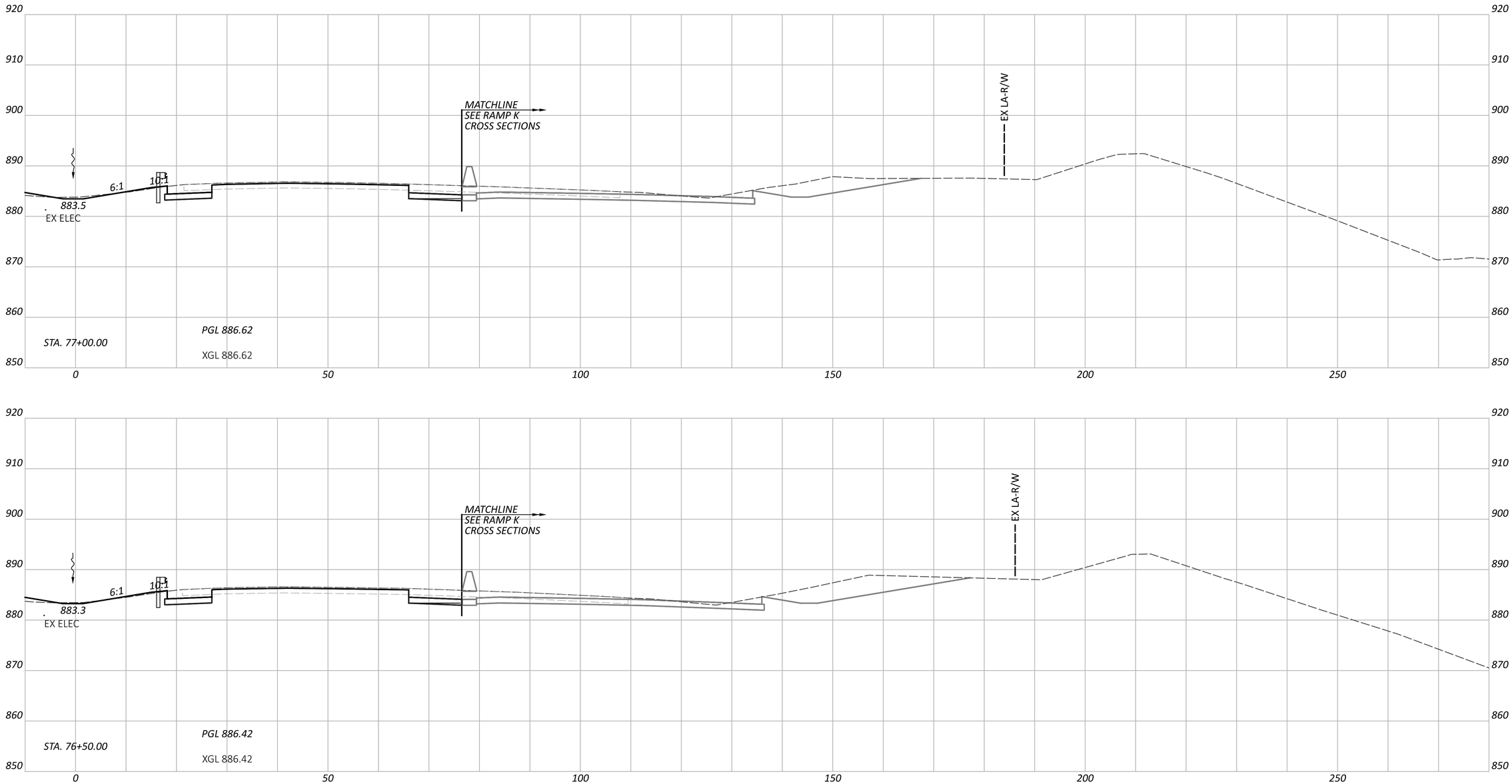
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 76+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:30 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0588
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 76+50.00 TO STA. 77+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 76+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:34 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

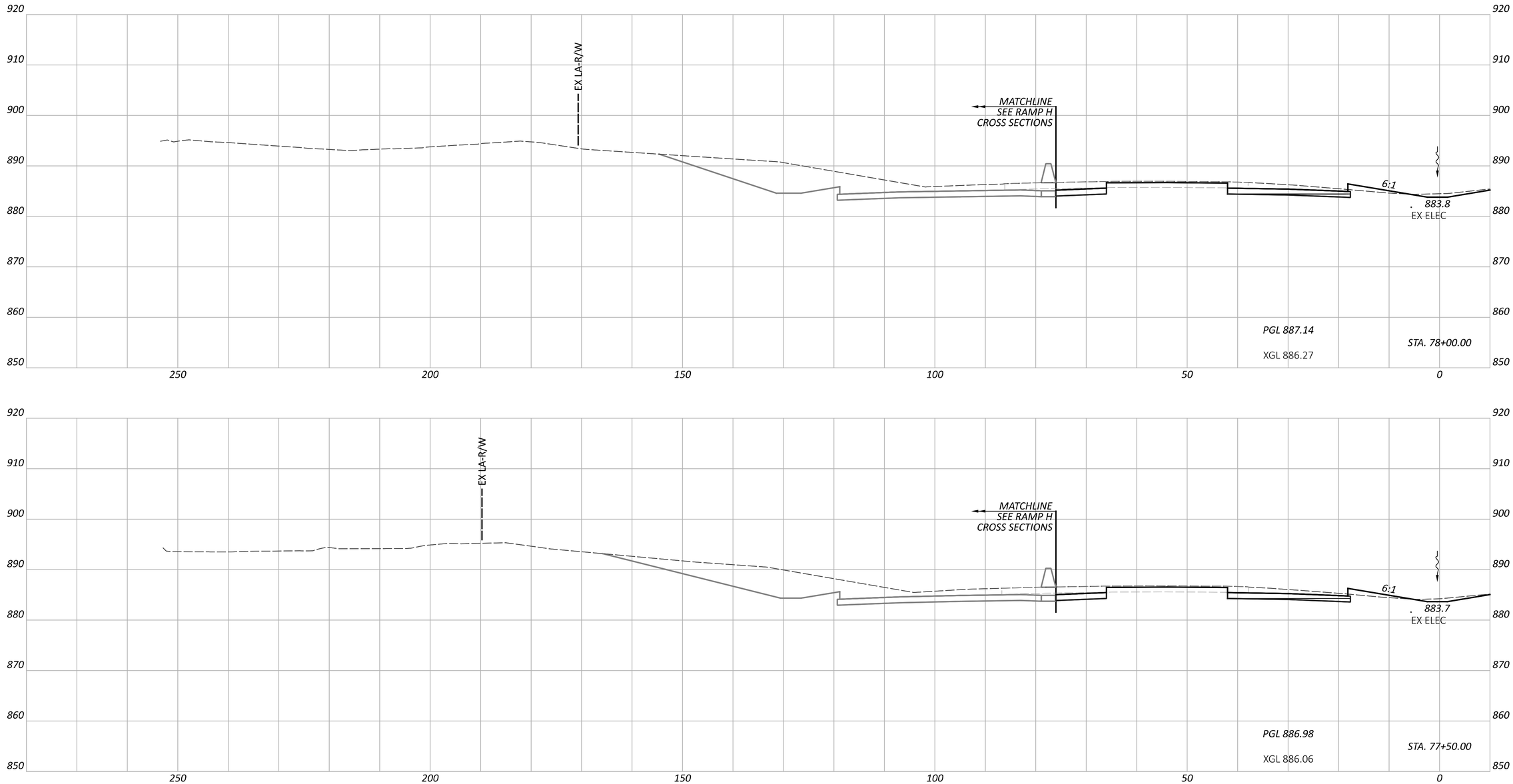
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0589 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 77+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:36 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

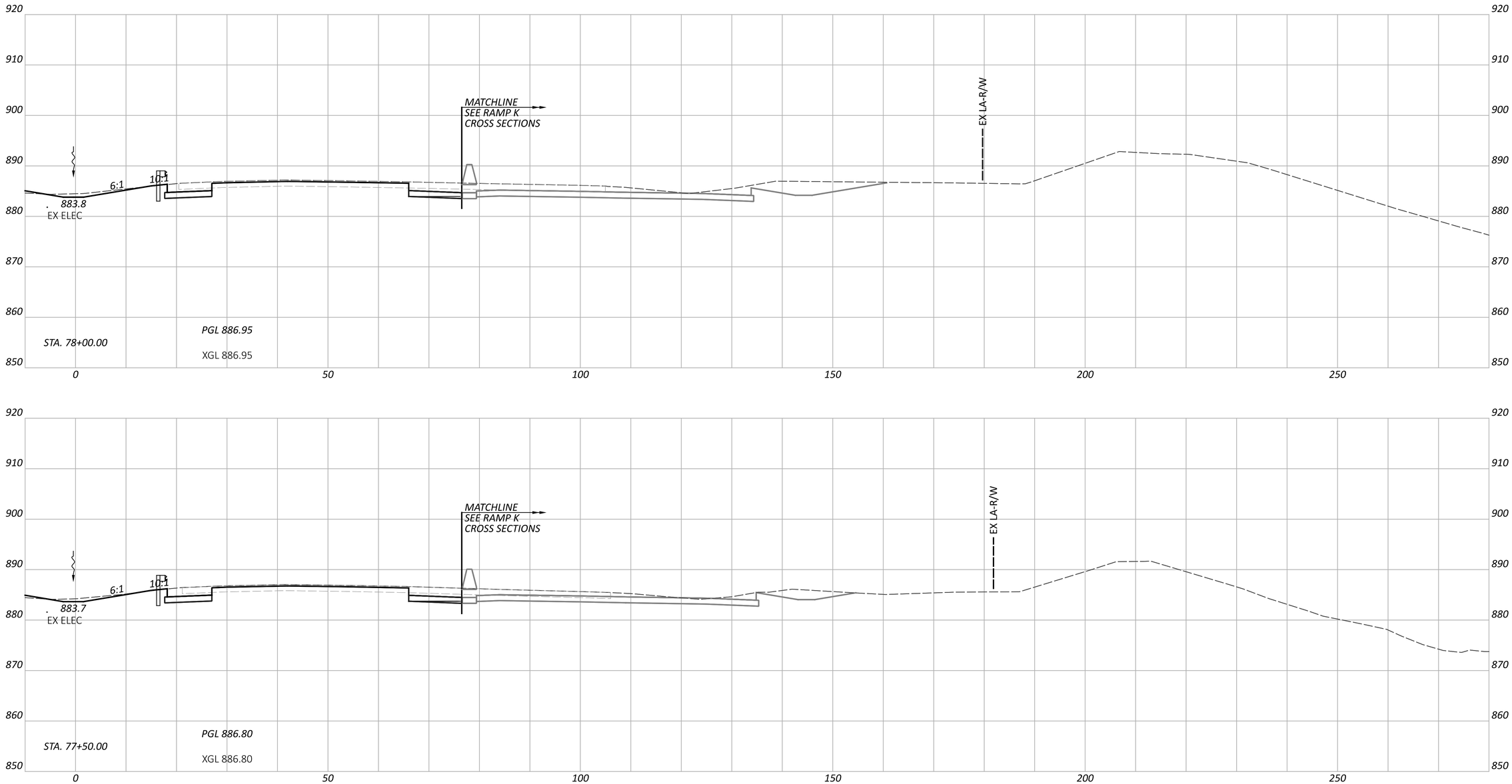
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0590 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 77+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:39 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY: STRUCTUREPOINT INC.

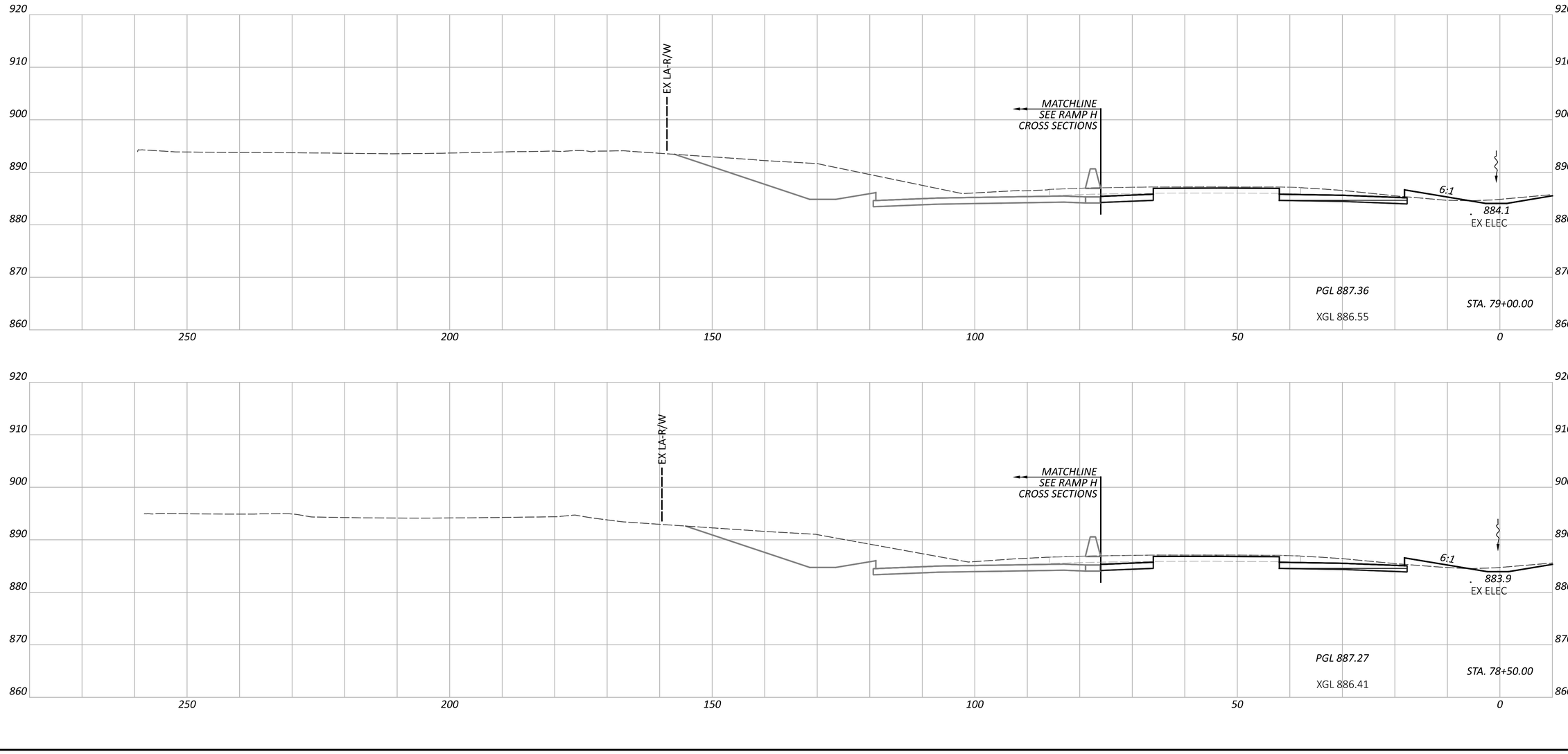
DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0591 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 78+50.00 TO STA. 79+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 78+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:43 AM USER: brieder
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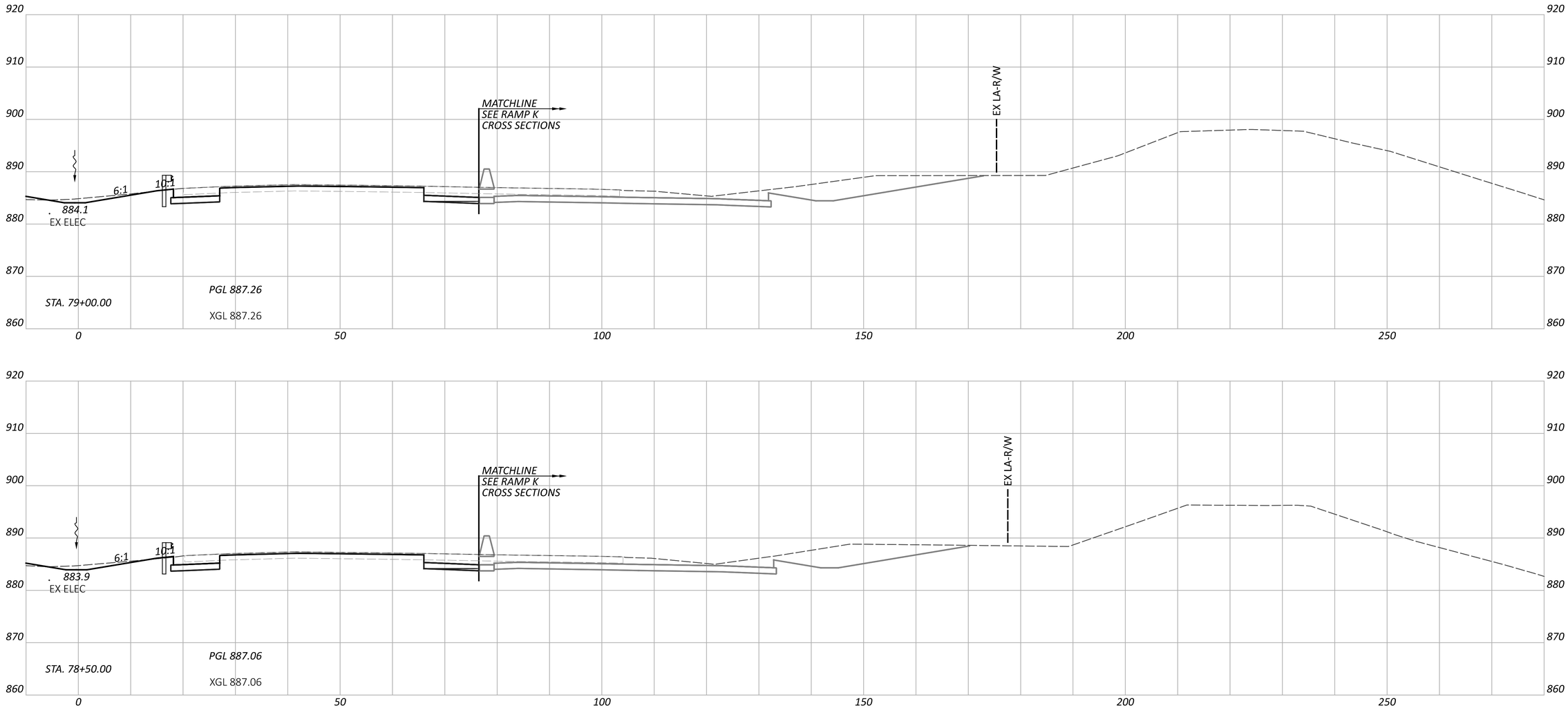
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0592
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 78+50.00 TO STA. 79+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0593 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 78+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:45 AM USER: brieder
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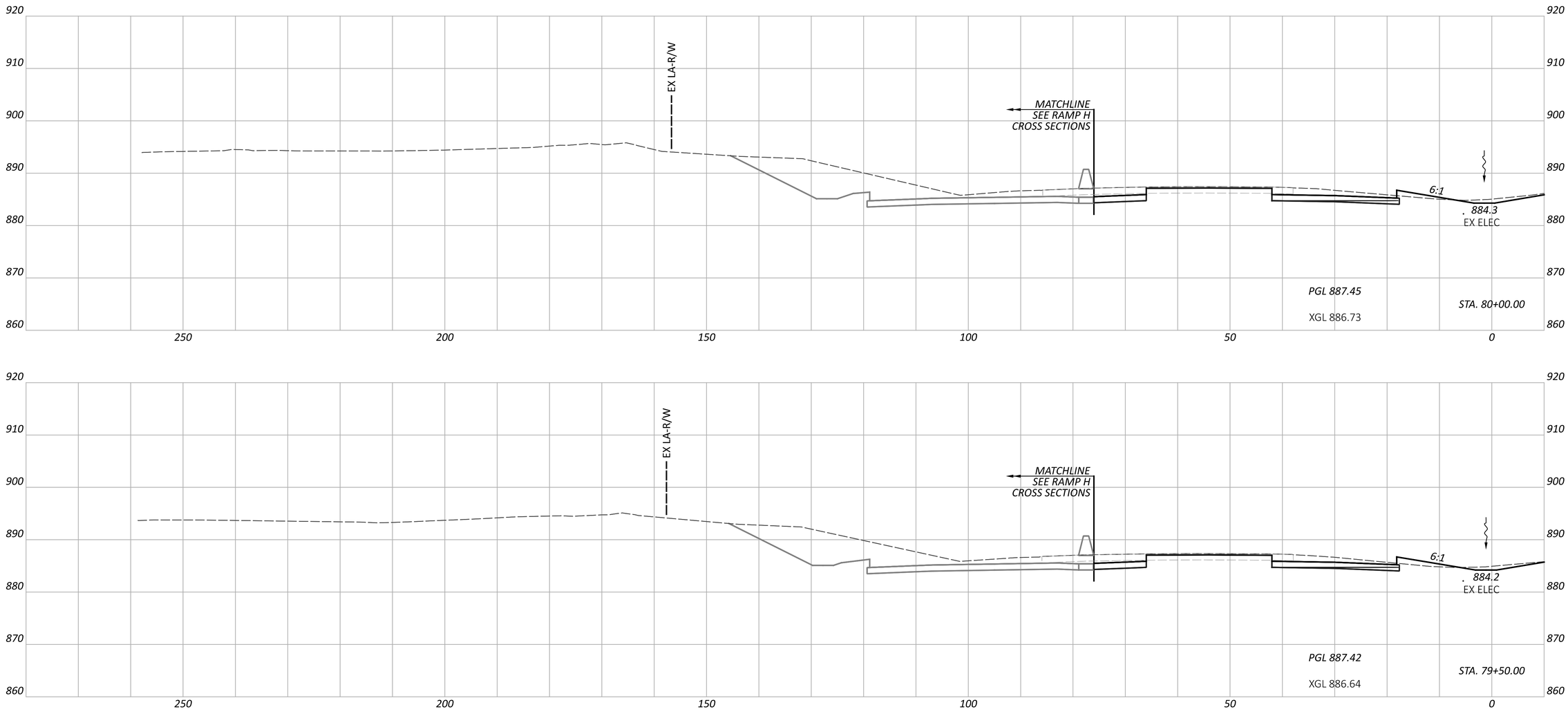
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 79+50.00 TO STA. 80+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 79+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:48 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

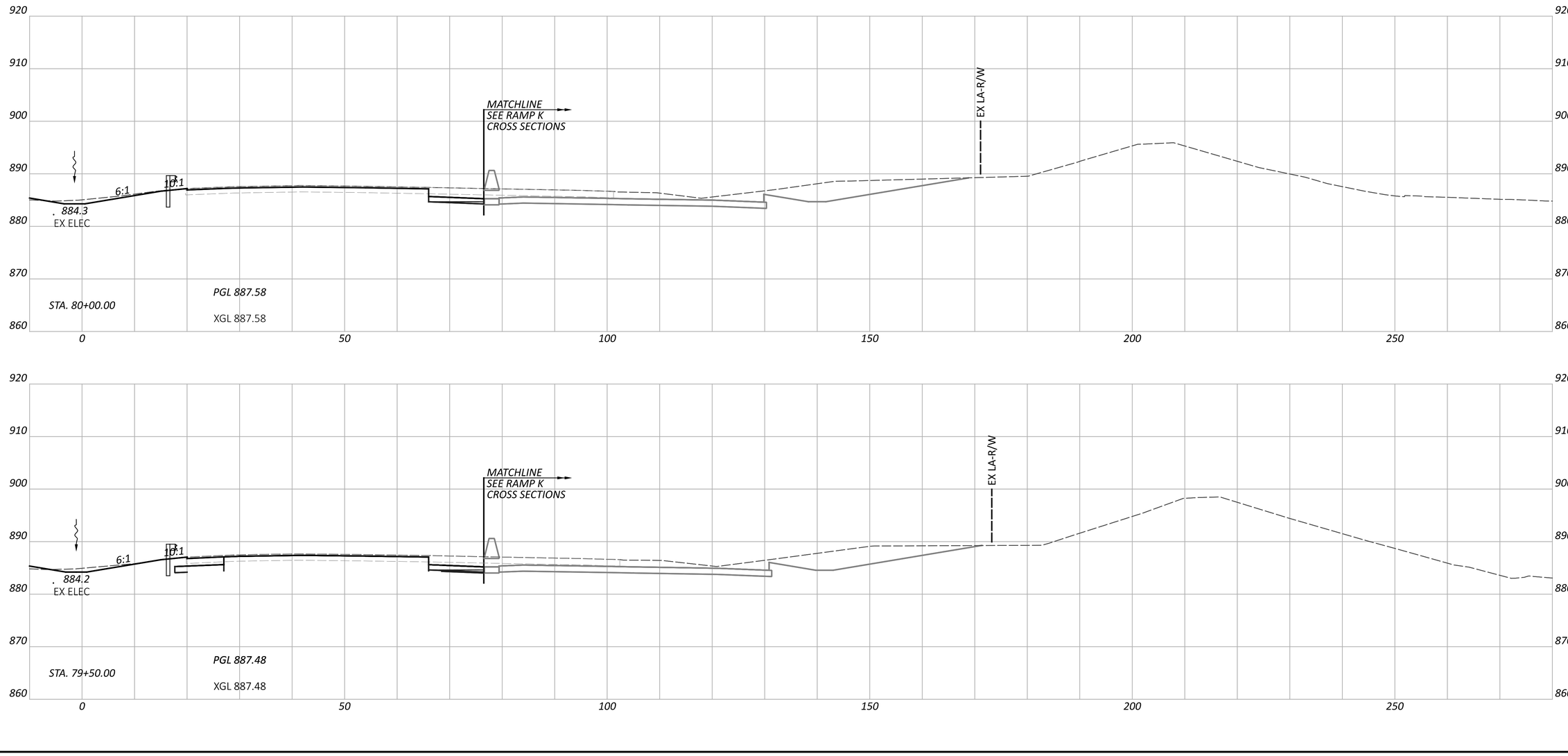
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0594 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 79+50.00 TO STA. 80+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0595 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 79+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:50 AM USER: brieder
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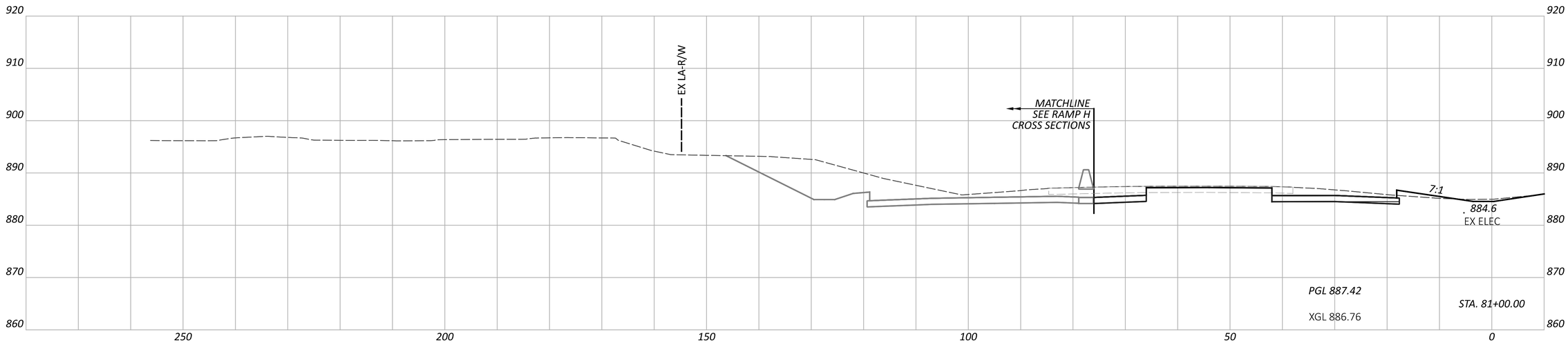
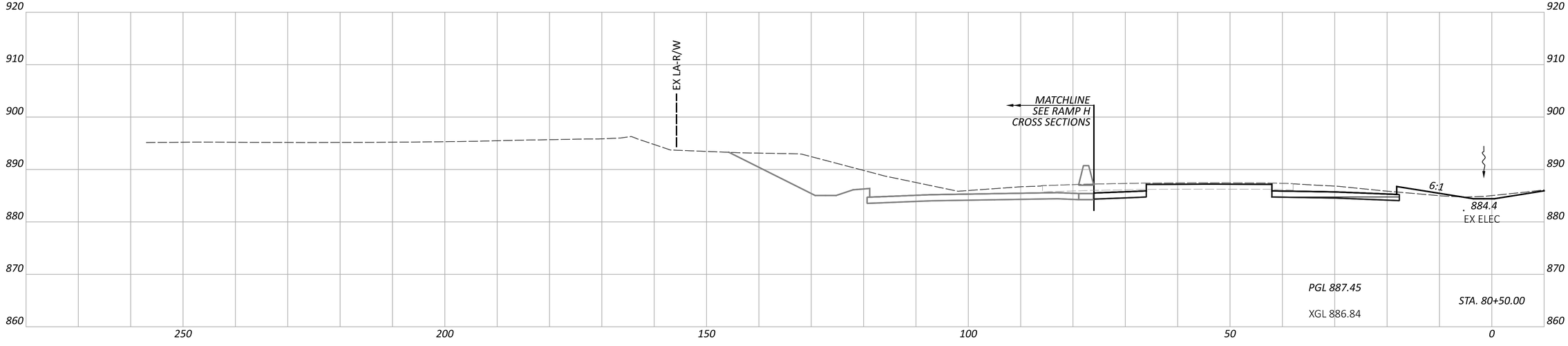
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 80+50.00 TO STA. 81+00.00

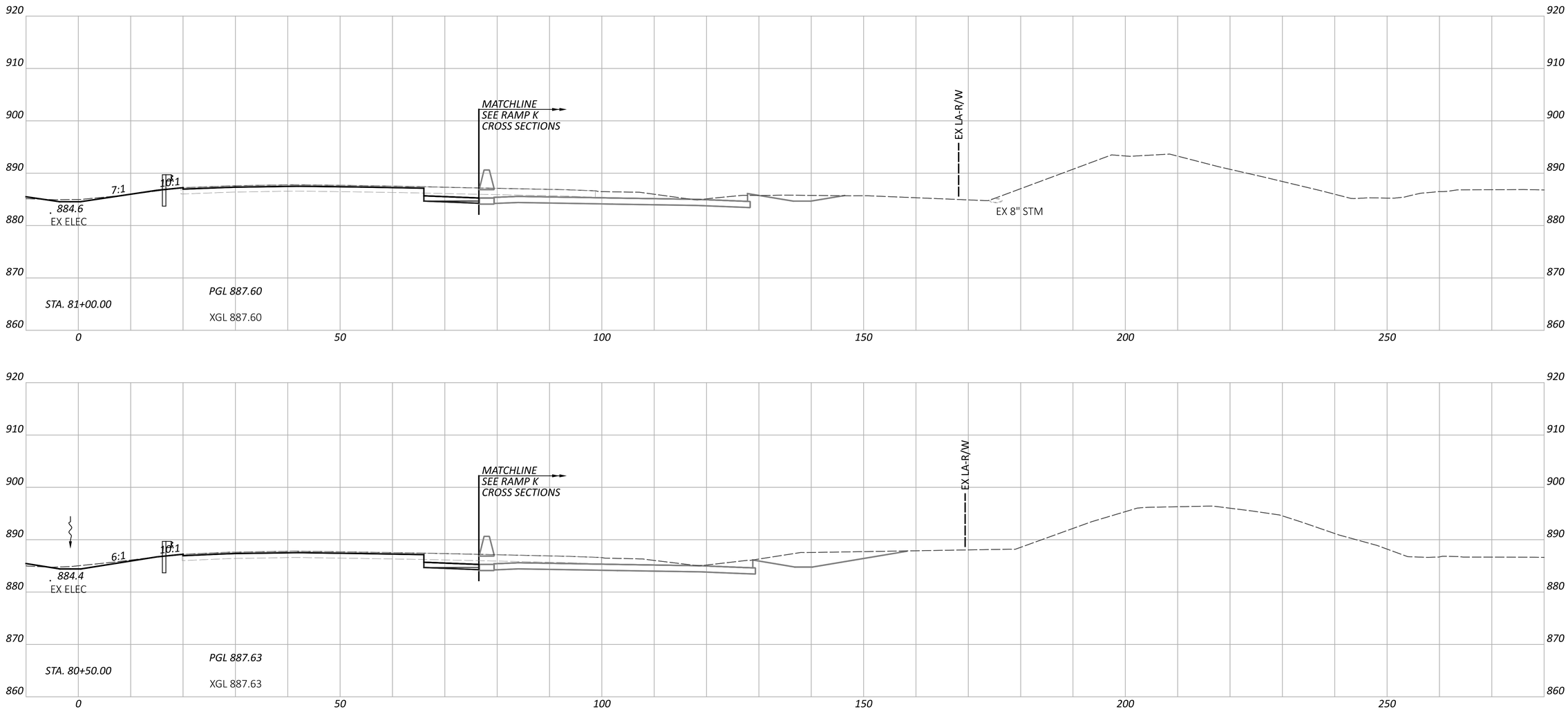
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 80+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:54 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0596
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 80+50.00 TO STA. 81+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0597 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 80+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:59:57 AM USER: brieder
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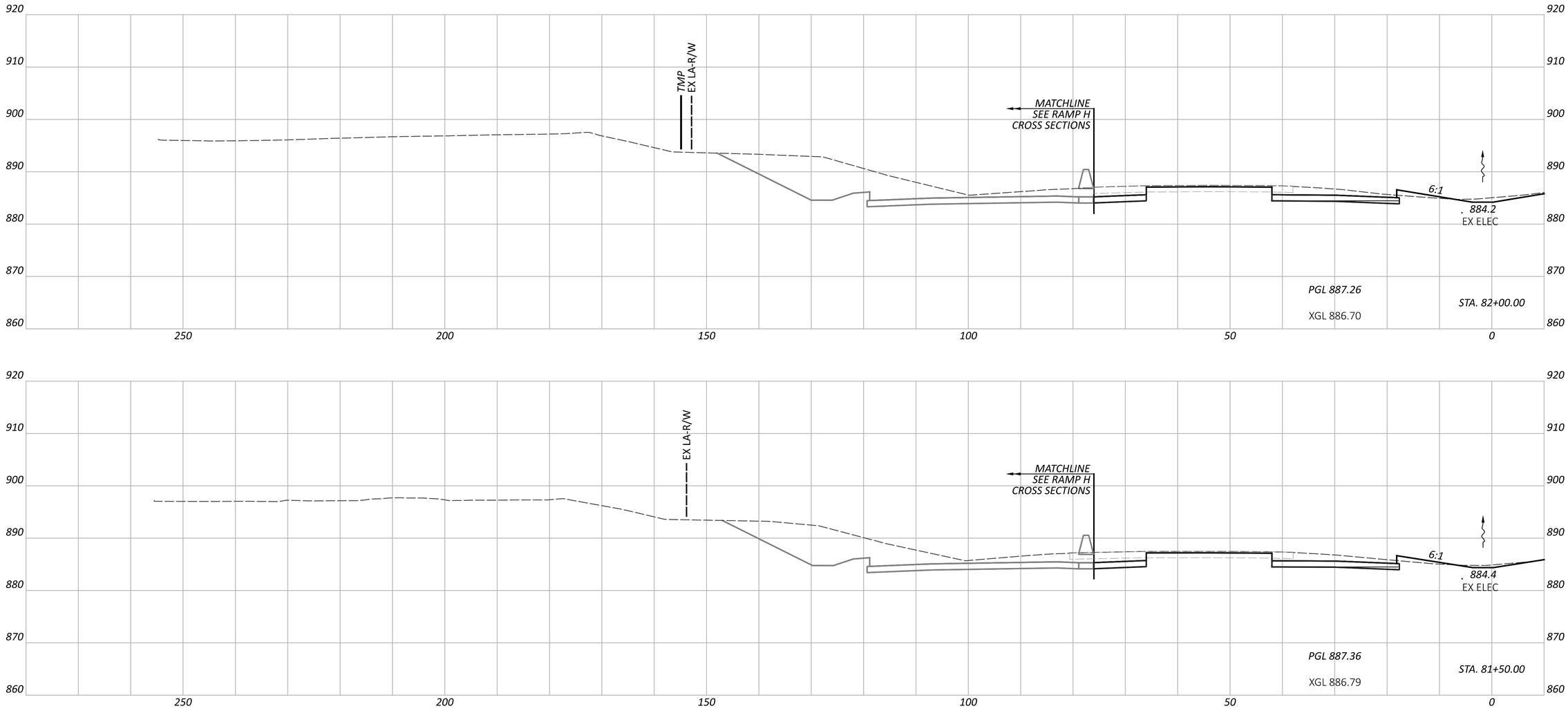
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 81+50.00 TO STA. 82+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 81+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:00 AM USER: brieder
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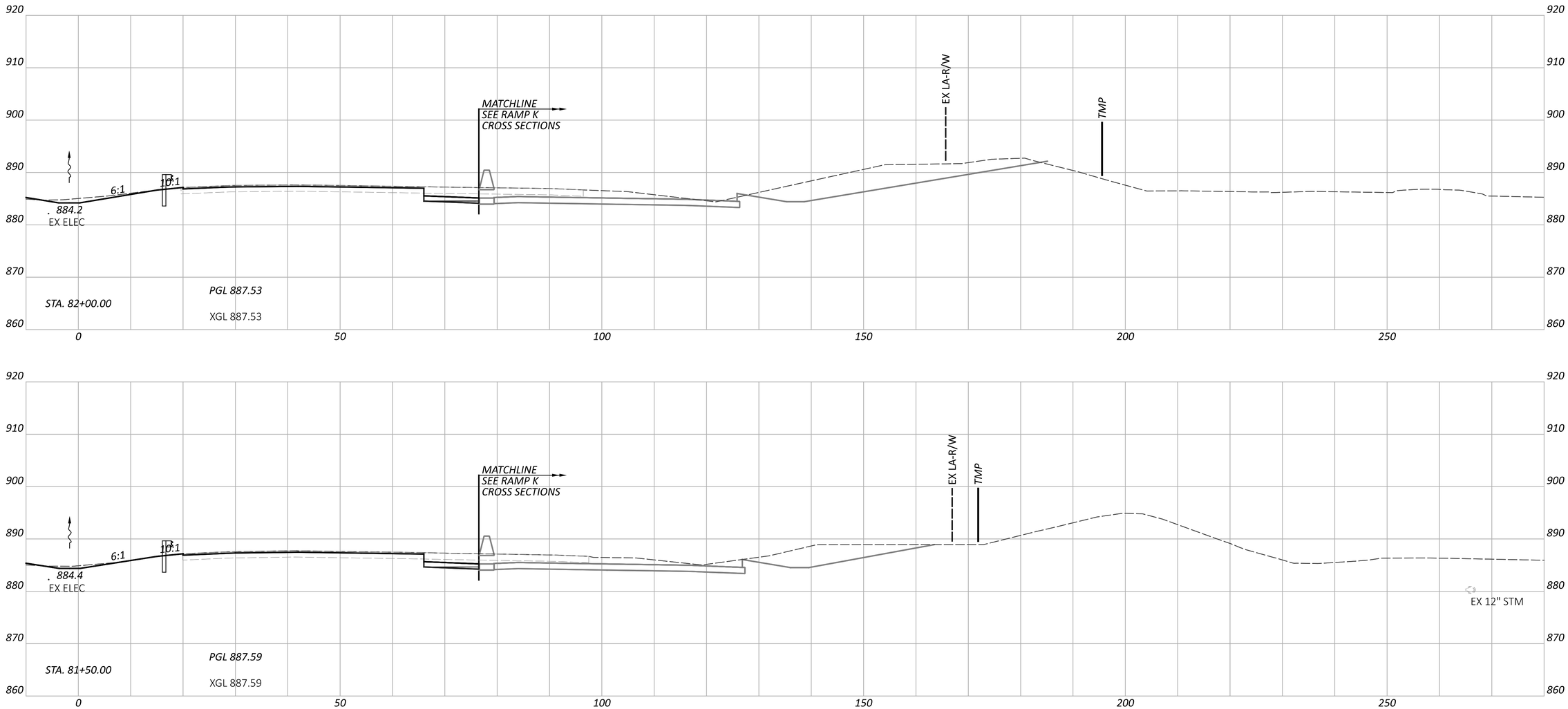
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0598
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 81+50.00 TO STA. 82+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0599 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 81+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:03 AM USER: brieder
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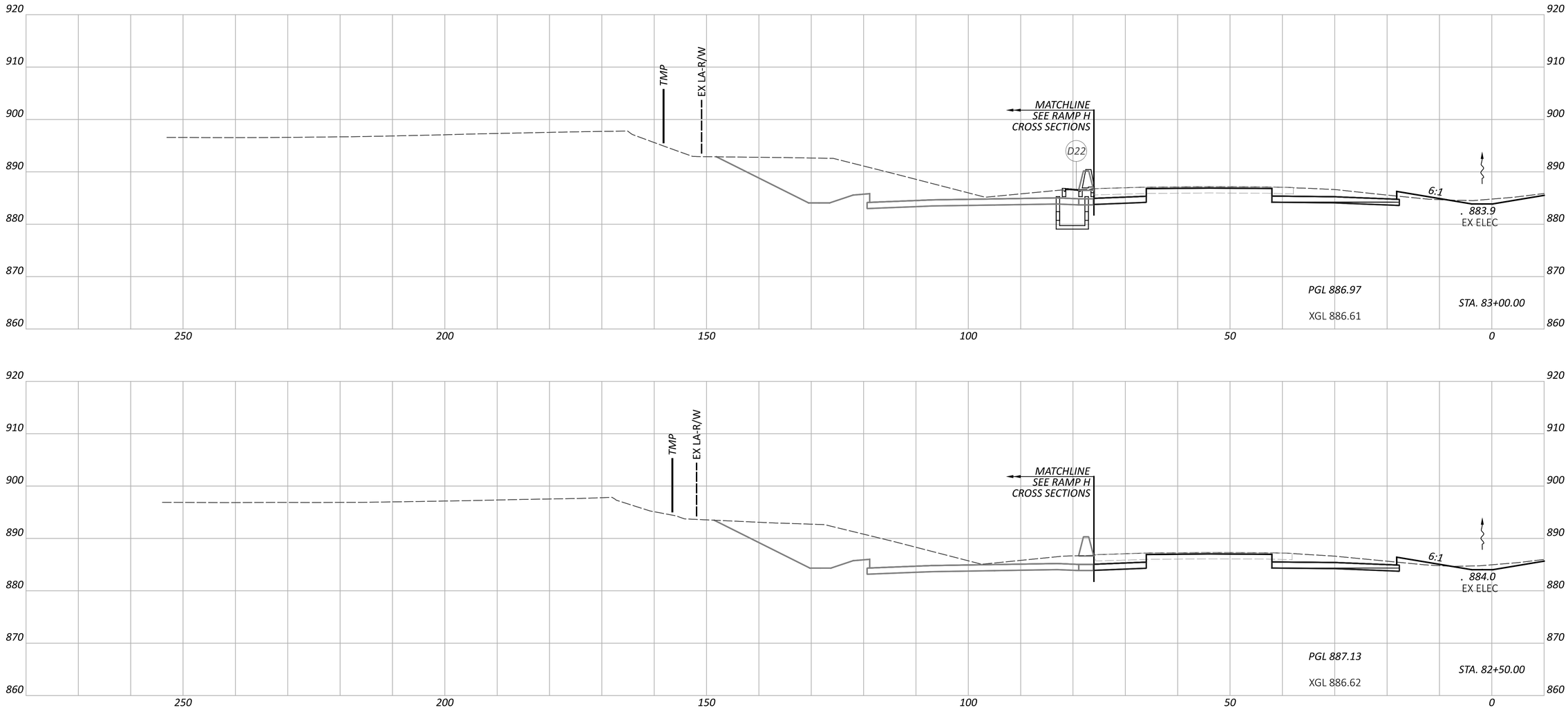
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 82+50.00 TO STA. 83+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0600 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 82+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:05 AM USER: brieder
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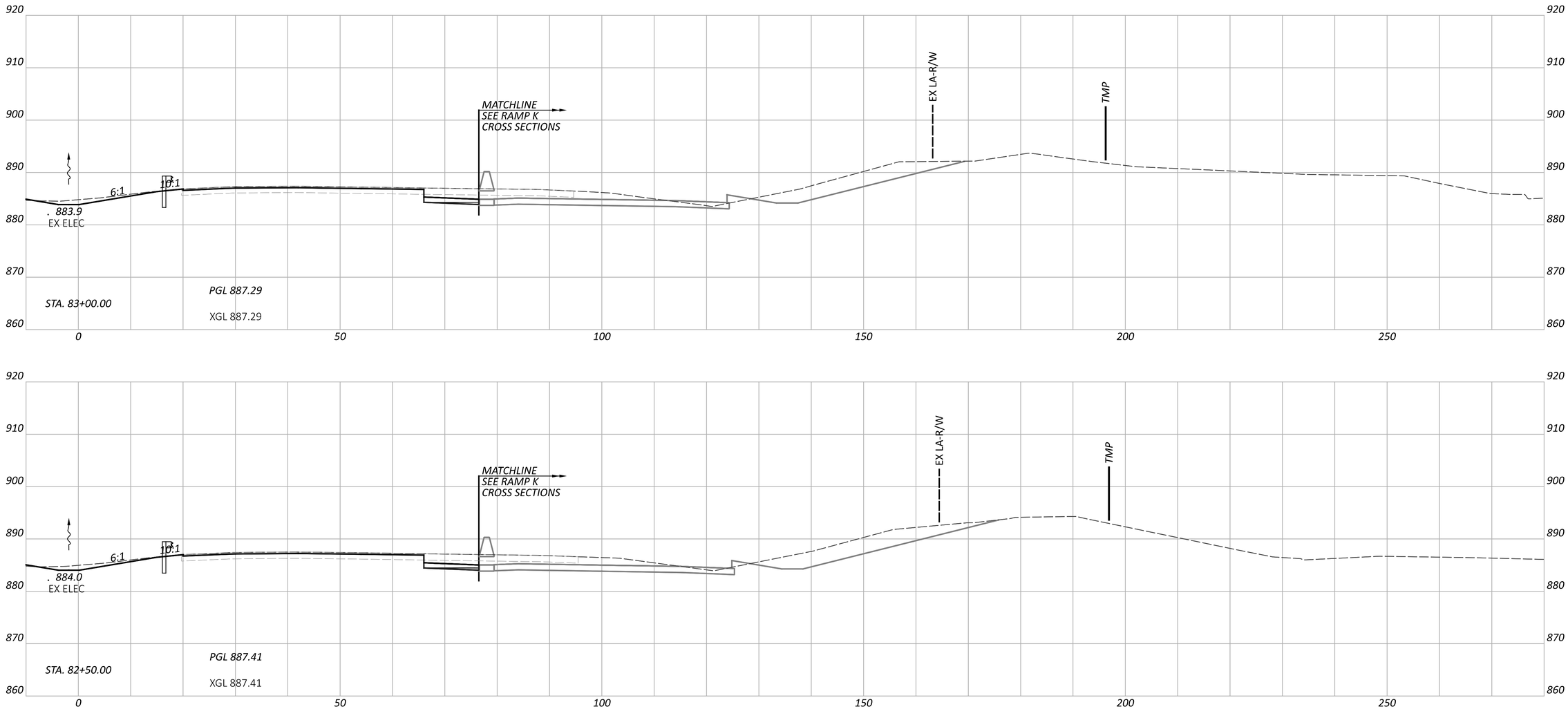
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 82+50.00 TO STA. 83+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0601
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 82+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:09 AM USER: brieder
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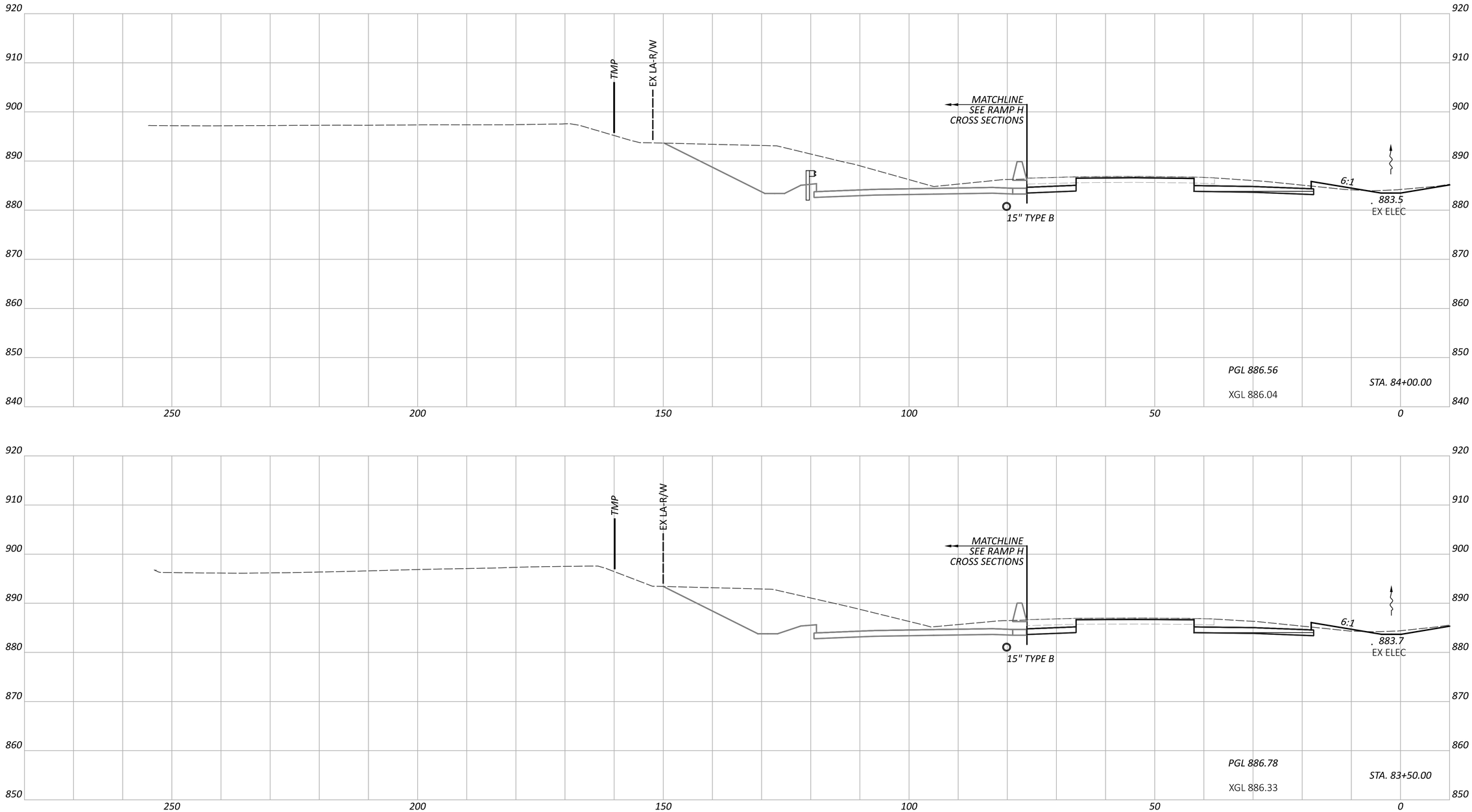
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 83+50.00 TO STA. 84+00.00

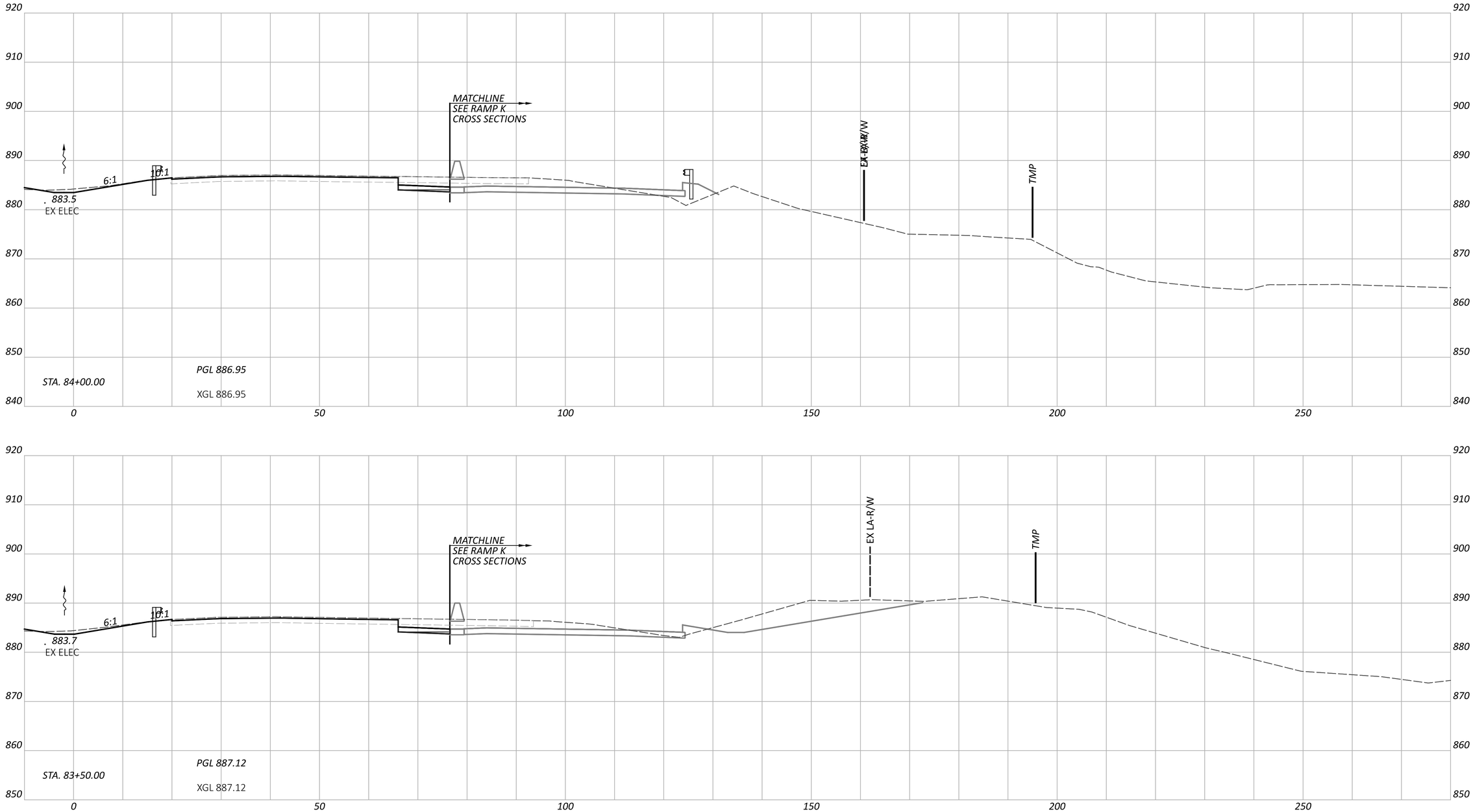
DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0602
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 83+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:11 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 83+50.00 TO STA. 84+00.00

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0603 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 83+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:14 AM USER: brieder
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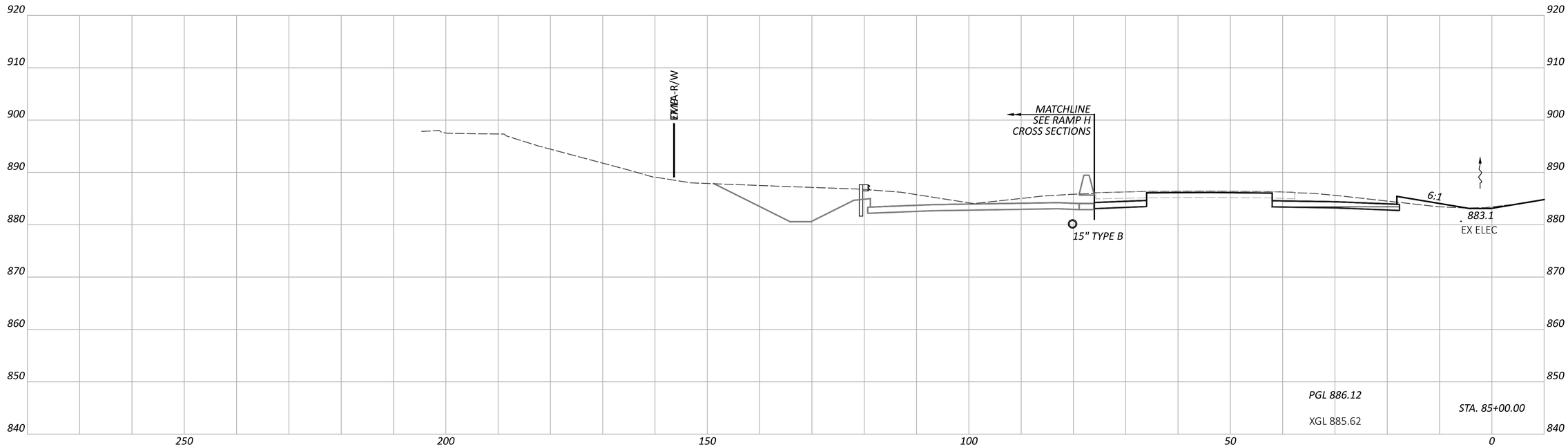
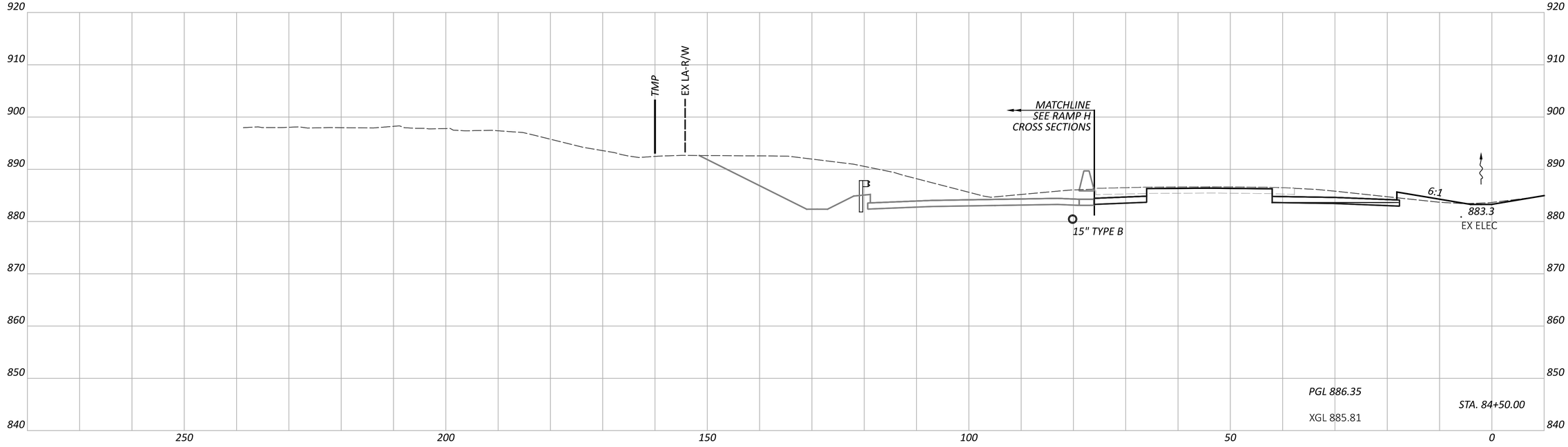
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 84+50.00 TO STA. 85+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 84+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:17 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

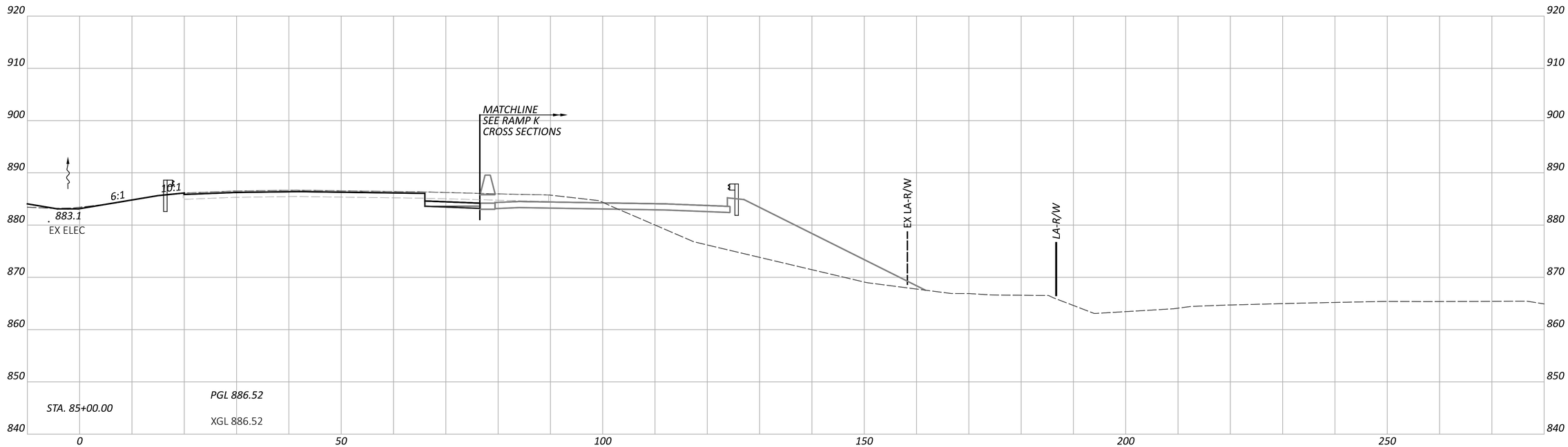
DESIGNER
BER

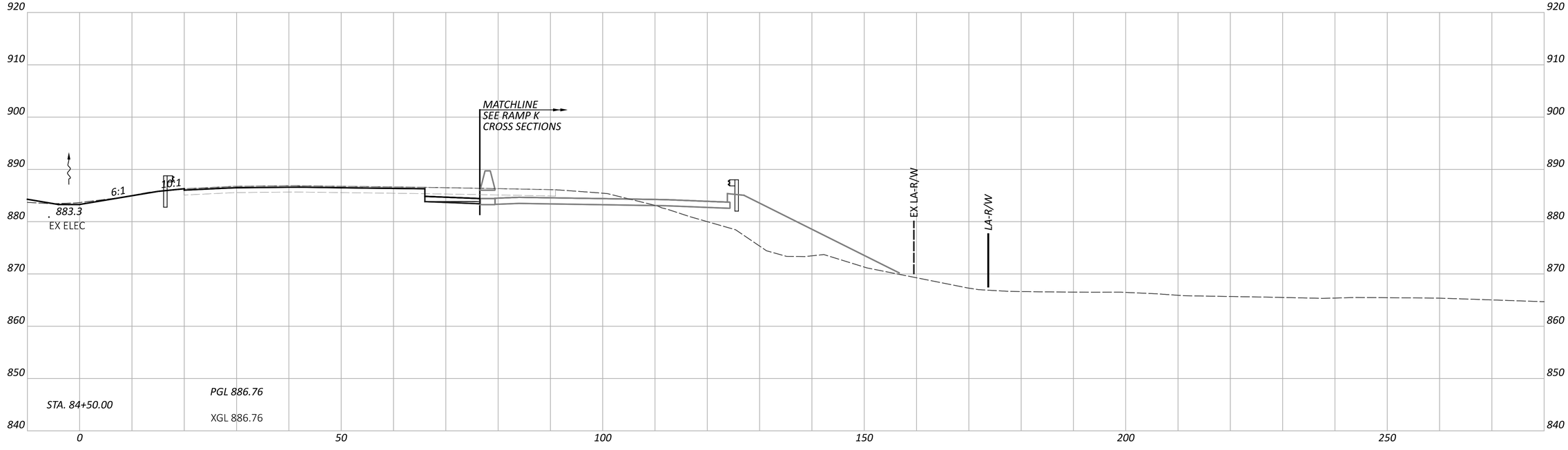
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0604 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 84+50.00 TO STA. 85+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 84+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:20 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

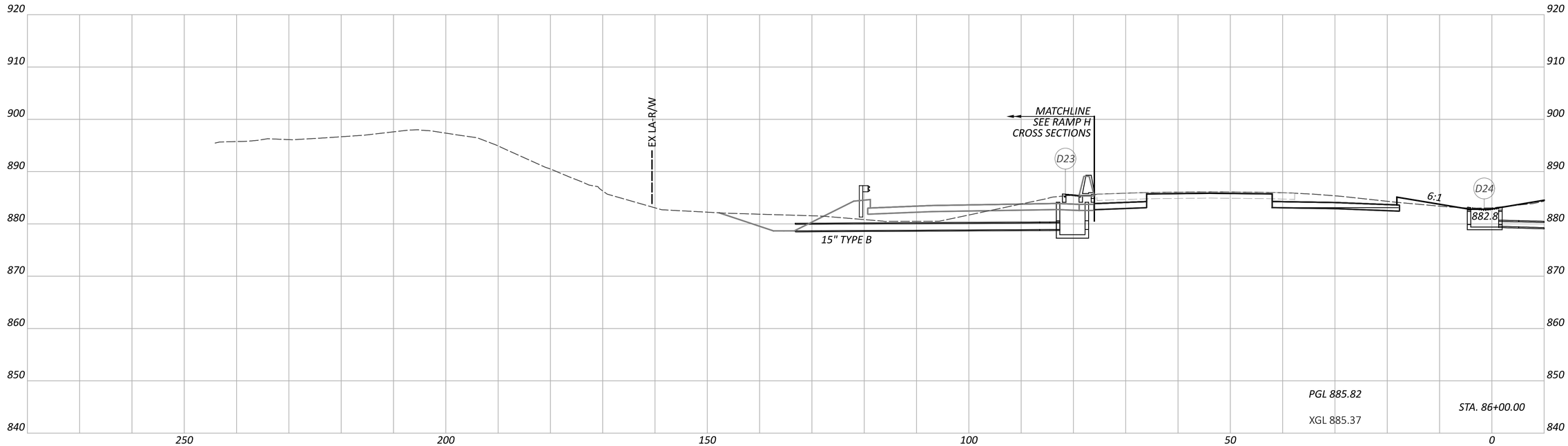
DESIGNER
BER

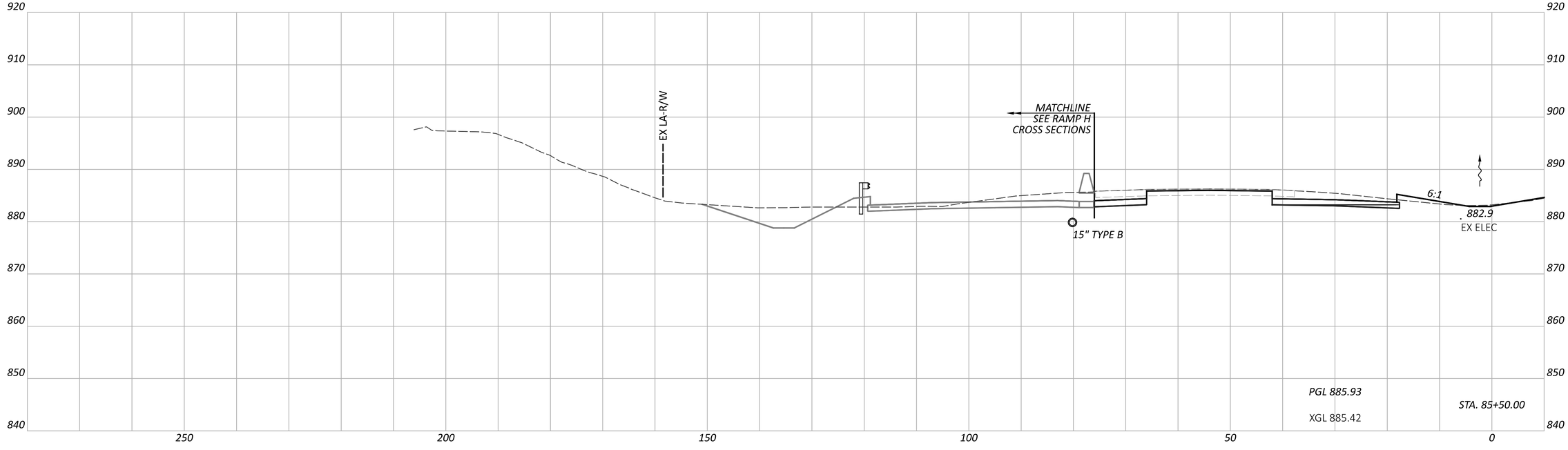
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0605 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 85+50.00 TO STA. 86+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 85+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:23 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

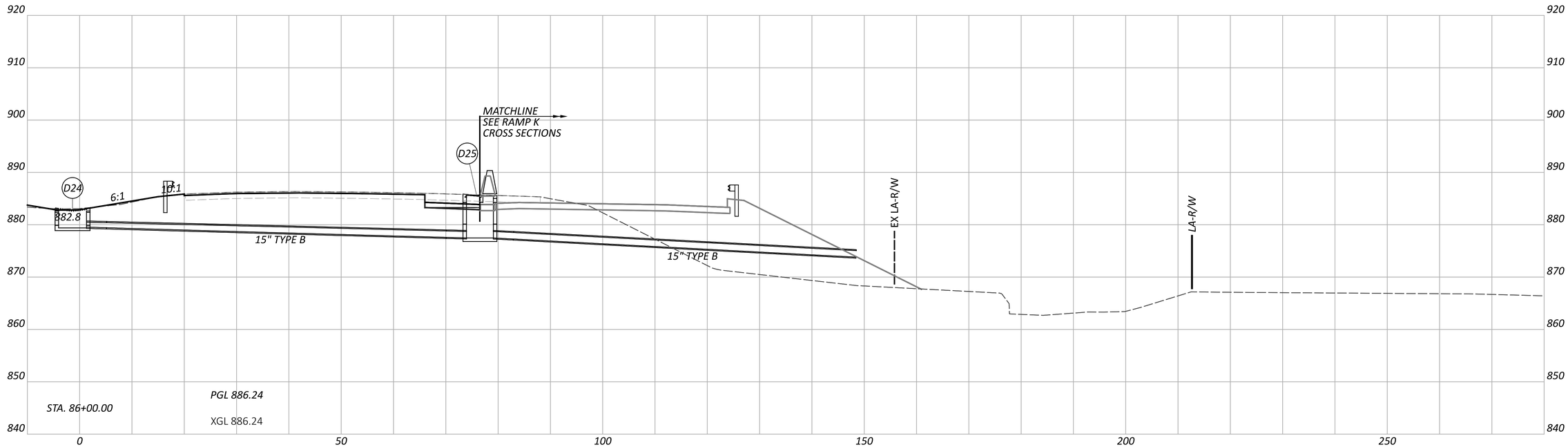
DESIGNER
BER

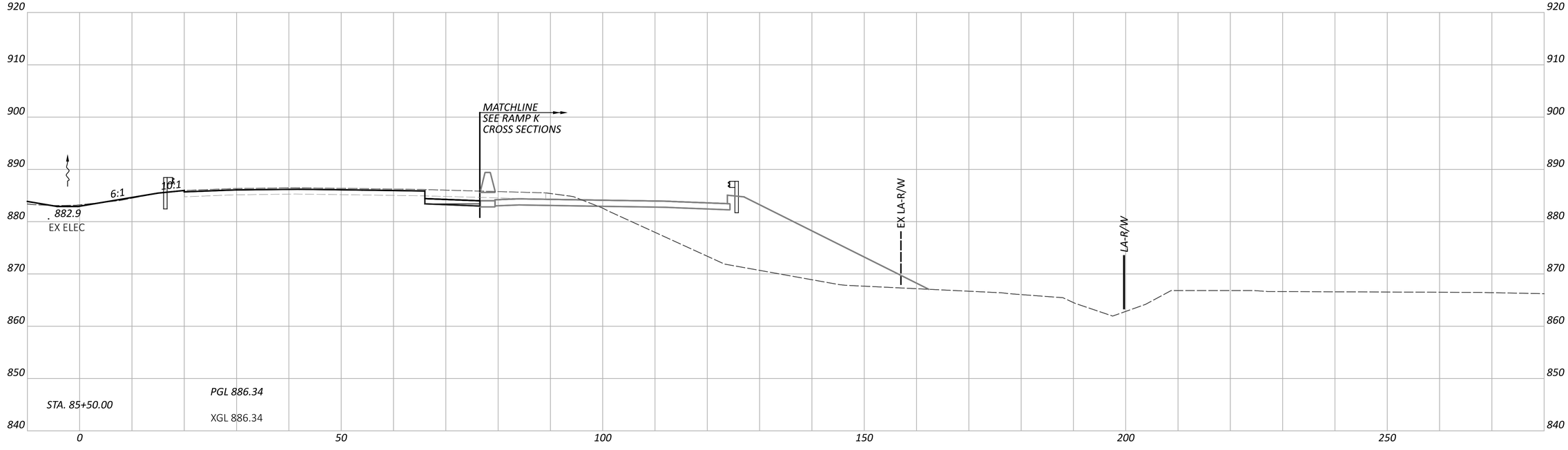
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0606 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 85+50.00 TO STA. 86+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 85+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:26 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

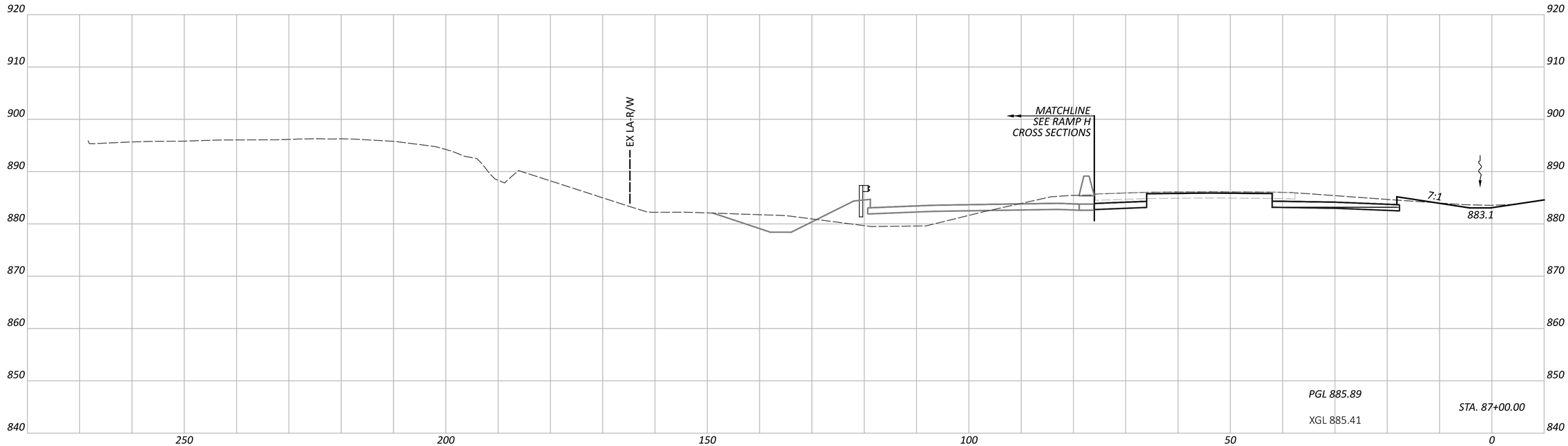
DESIGNER
BER

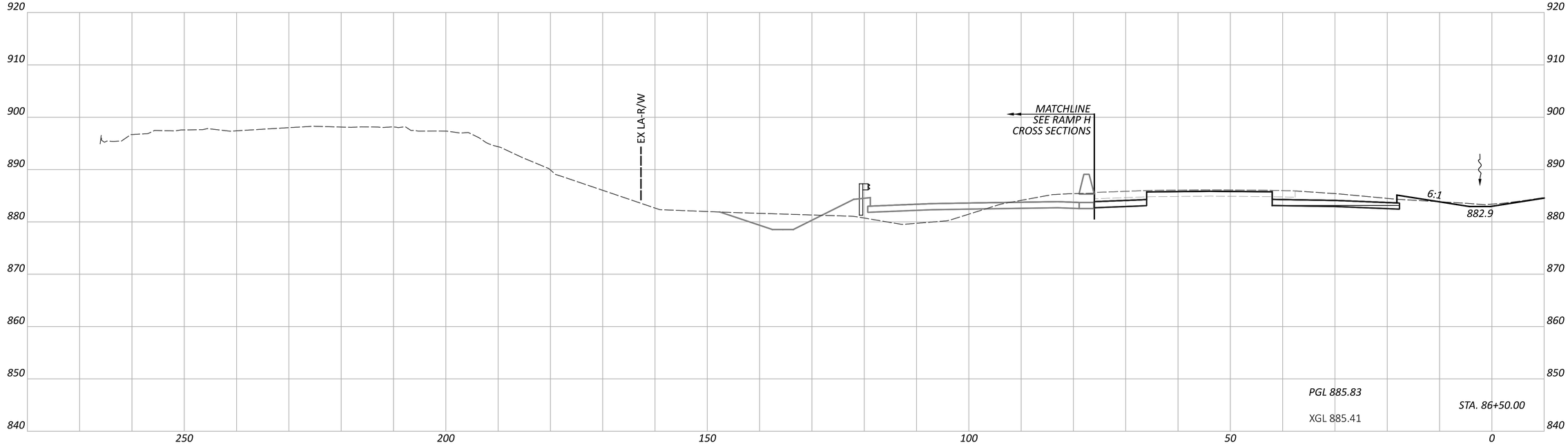
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0607 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 86+50.00 TO STA. 87+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 86+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:00:29 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS105.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

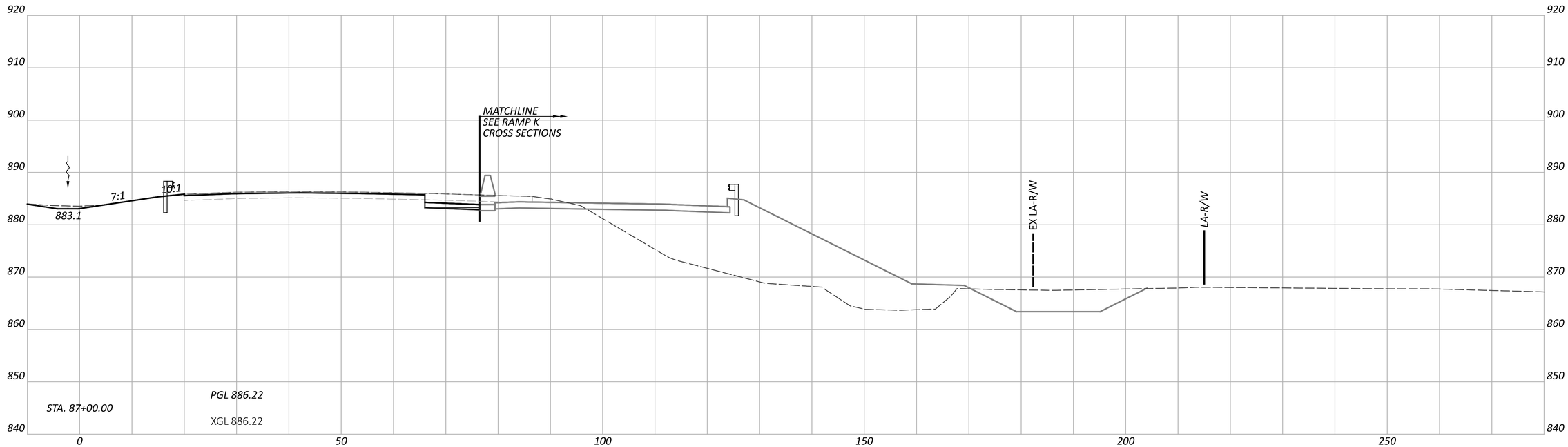
DESIGNER
BER

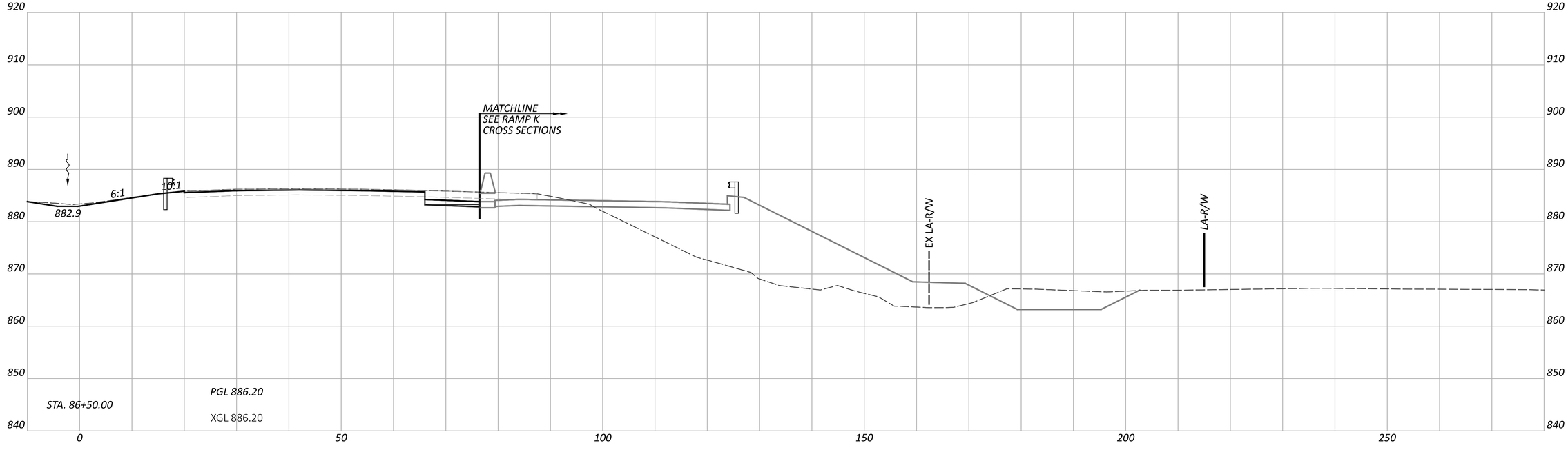
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0608 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 86+50.00 TO STA. 87+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0609 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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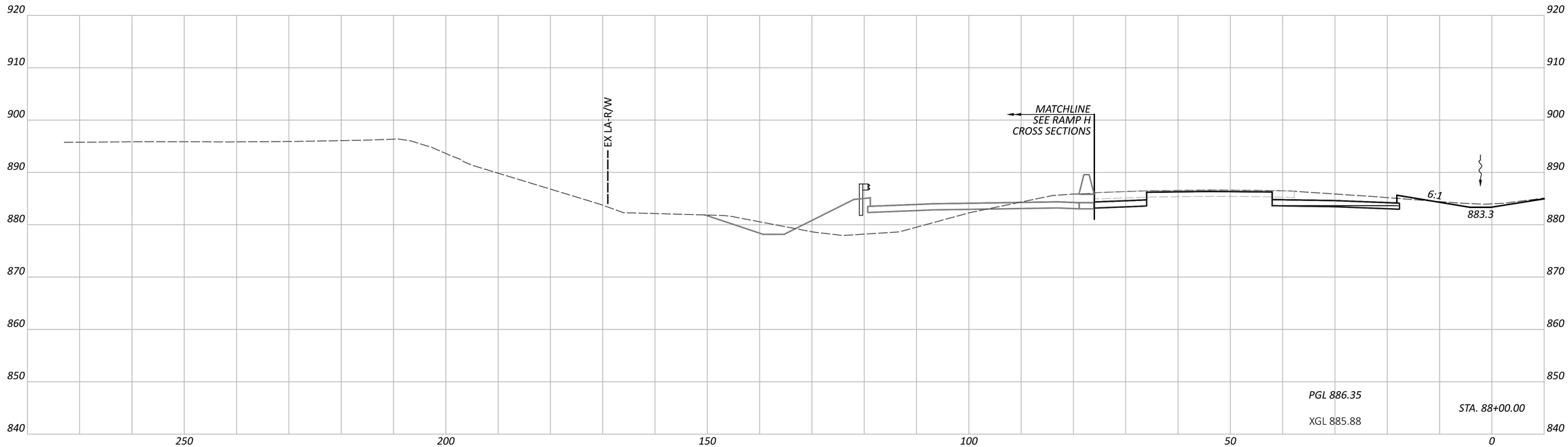
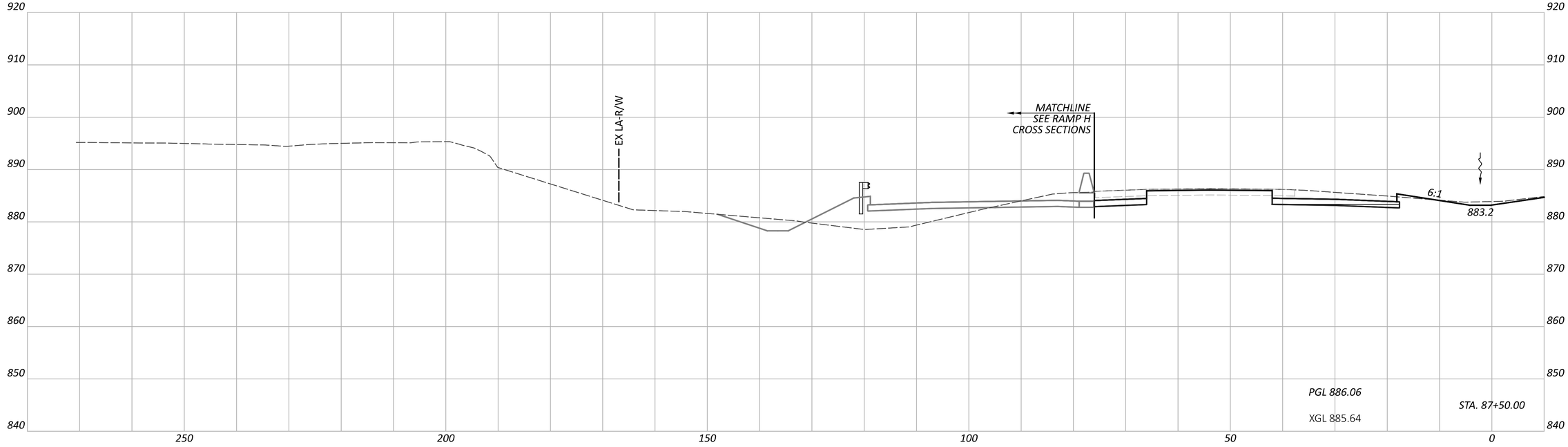
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 87+50.00 TO STA. 88+00.00

FAI/LIC-IR 70-0.00/0.00

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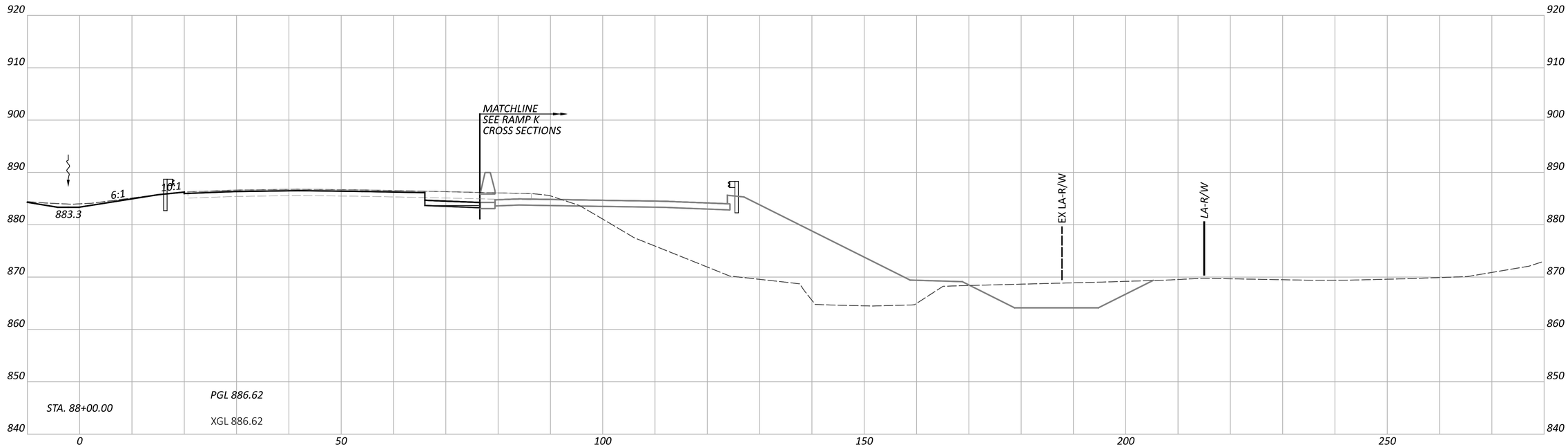
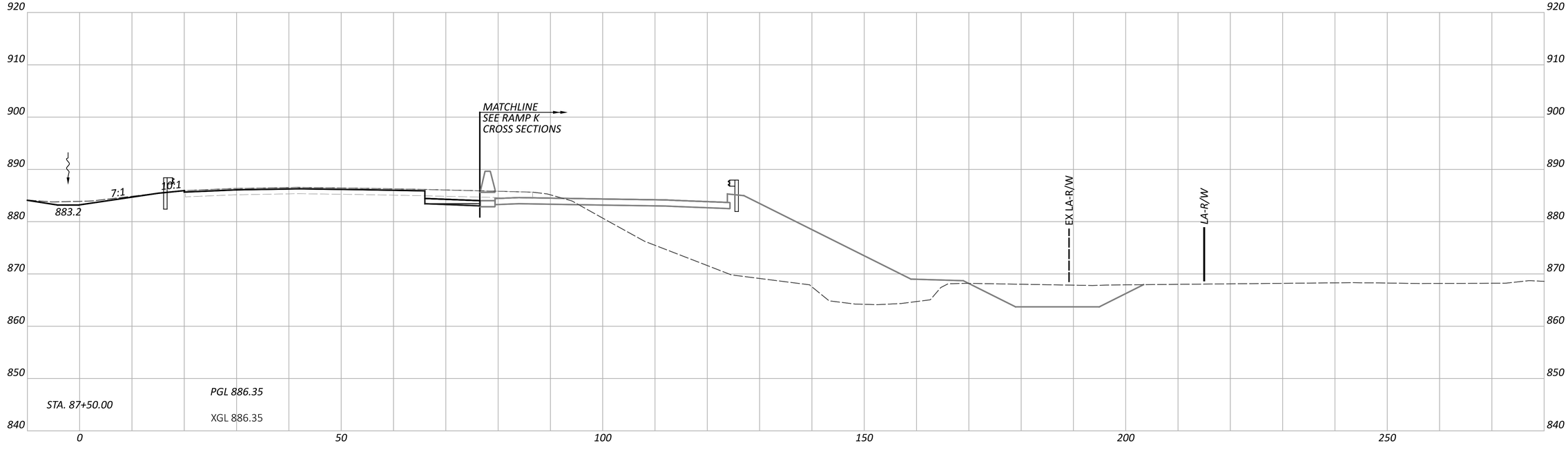
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0610
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 87+50.00 TO STA. 88+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

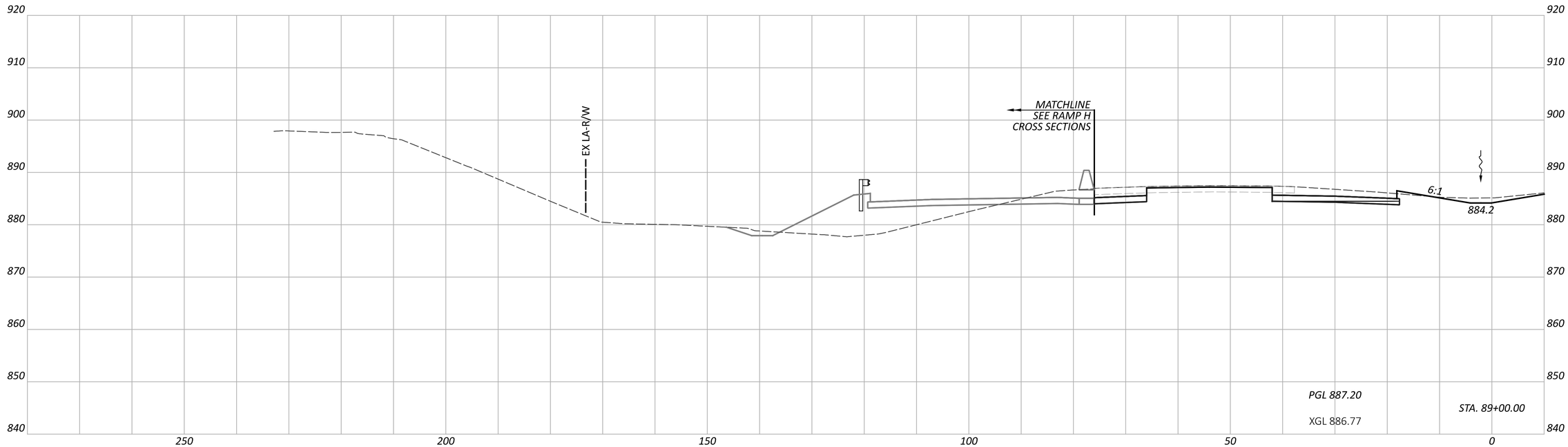
DESIGNER
BER

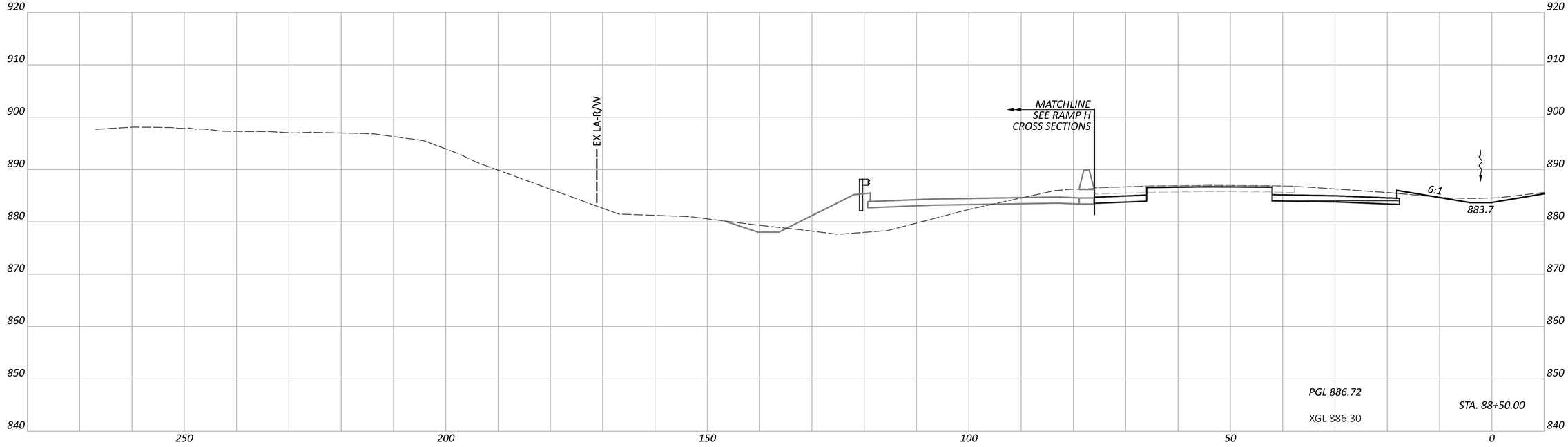
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0611 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 88+50.00 TO STA. 89+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

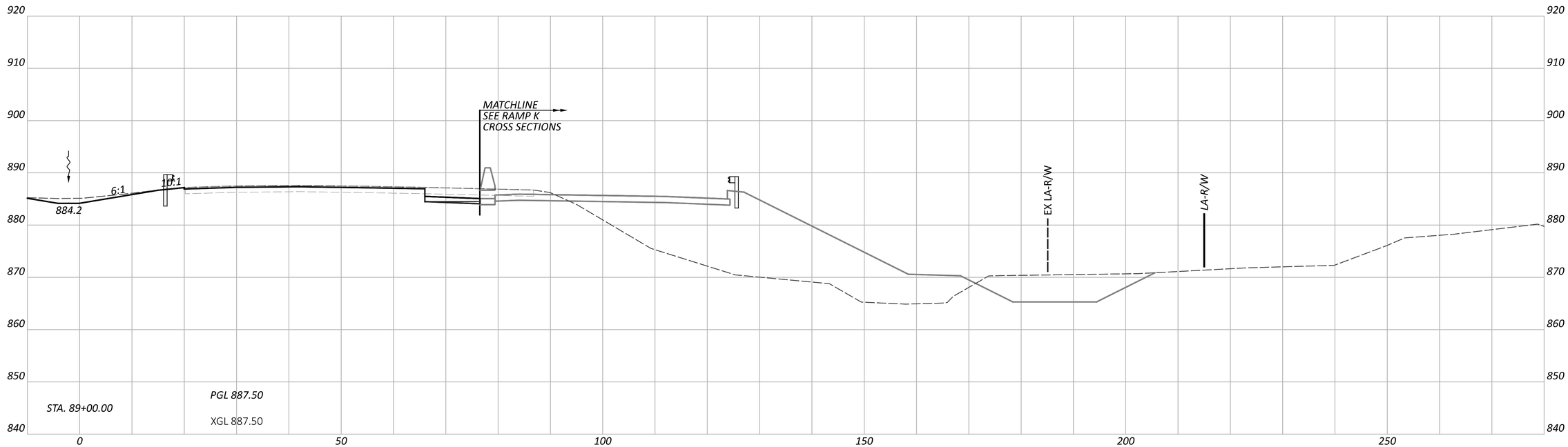
DESIGNER
BER

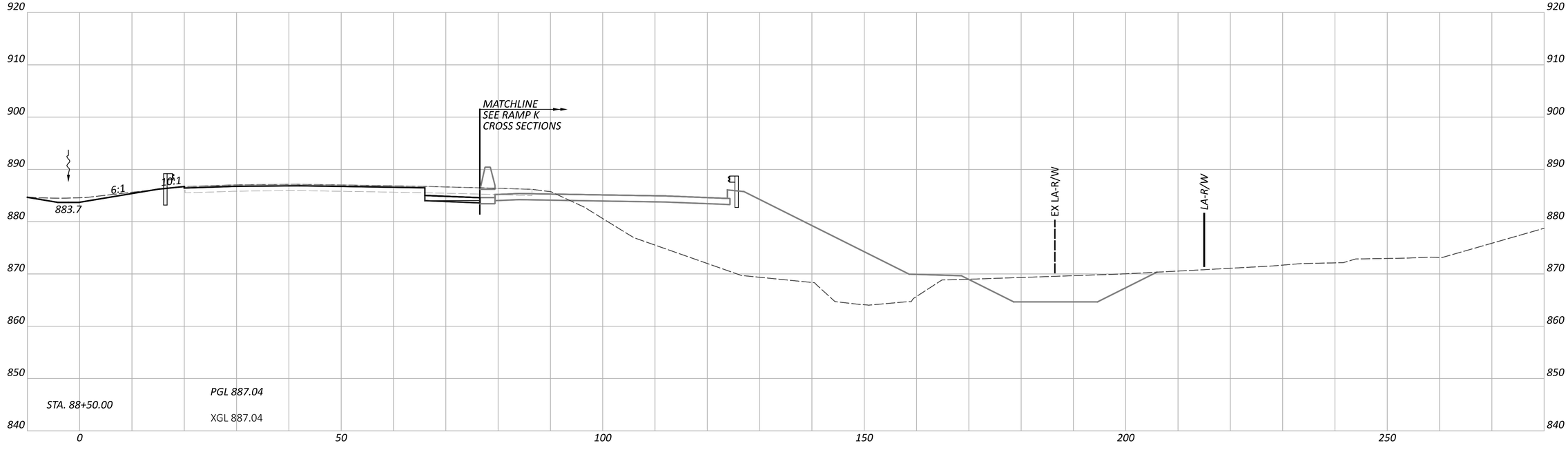
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0612 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 88+50.00 TO STA. 89+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

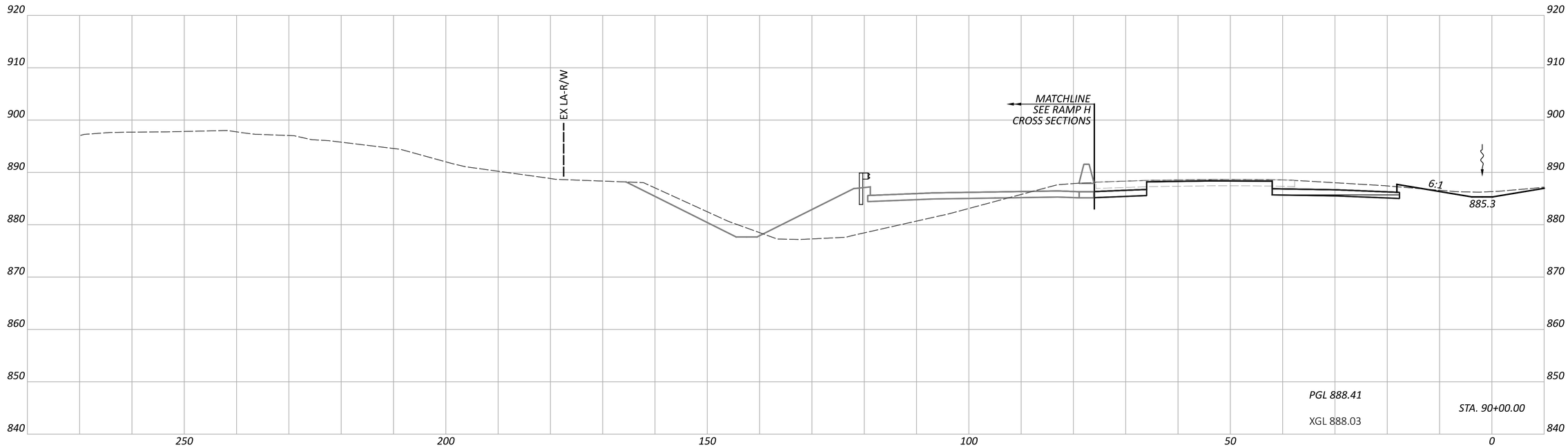
DESIGNER
BER

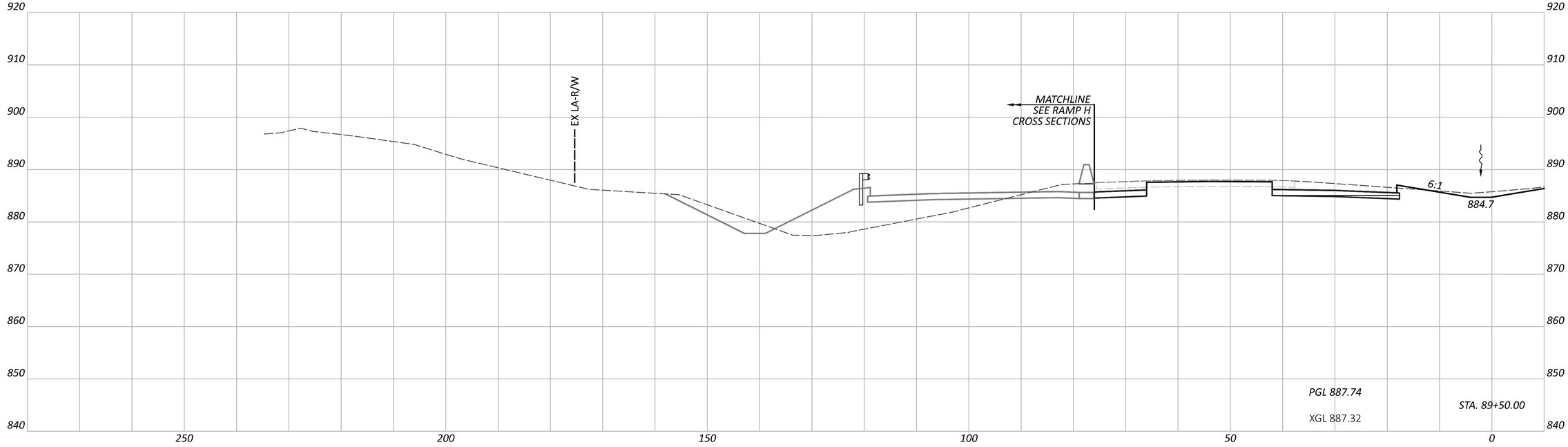
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0613 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 89+50.00 TO STA. 90+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

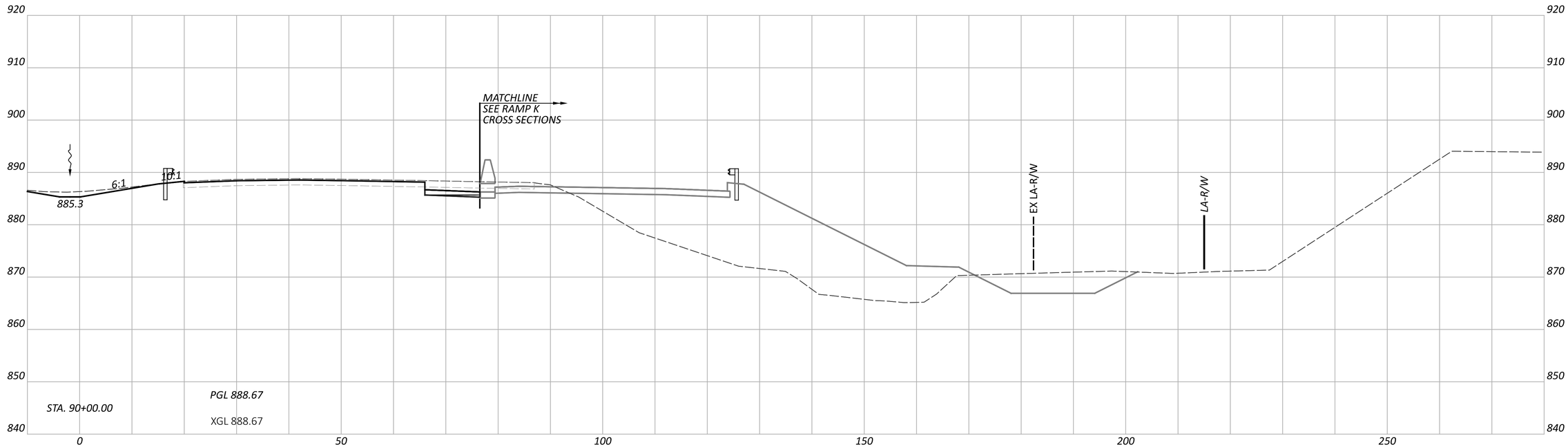
DESIGNER
BER

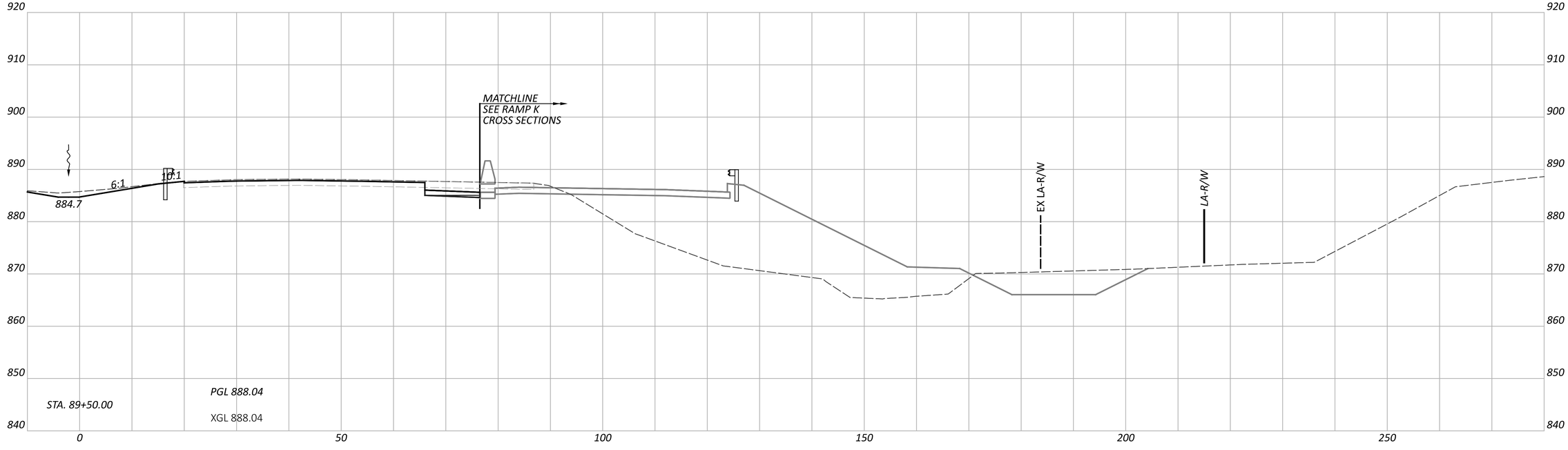
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0614 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 89+50.00 TO STA. 90+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

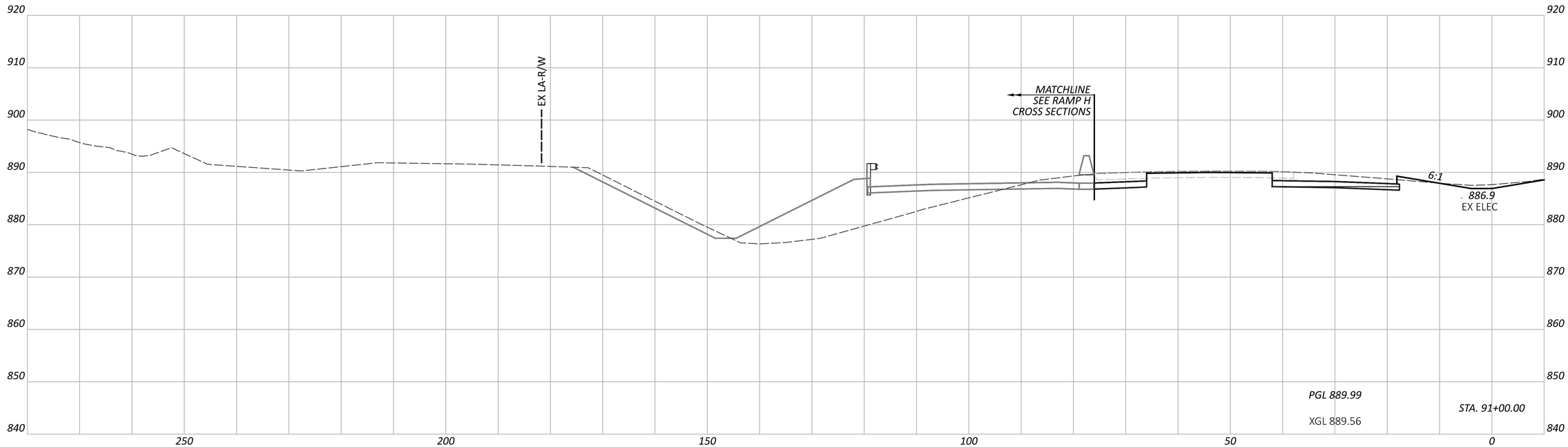
DESIGNER
BER

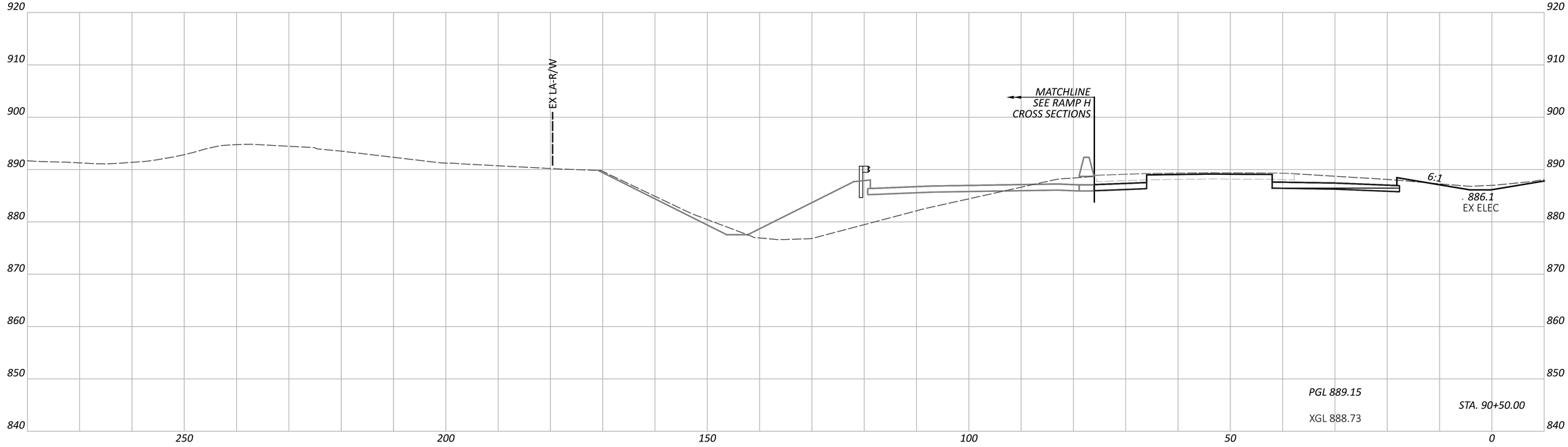
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0615 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 90+50.00 TO STA. 91+00.00

FAI/LIC-IR 70-0.00/0.00

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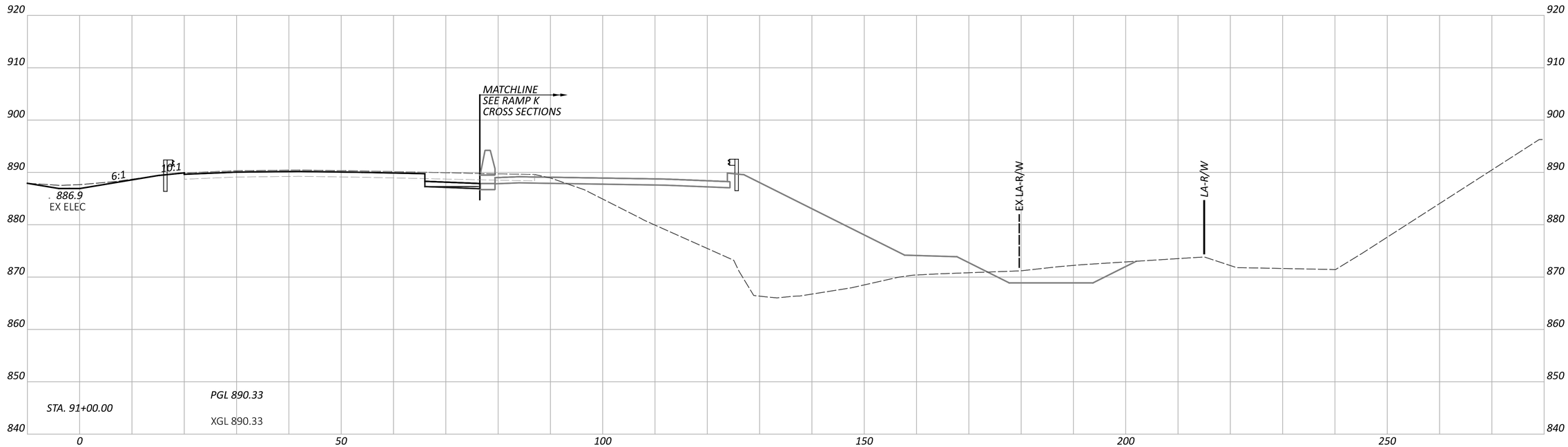
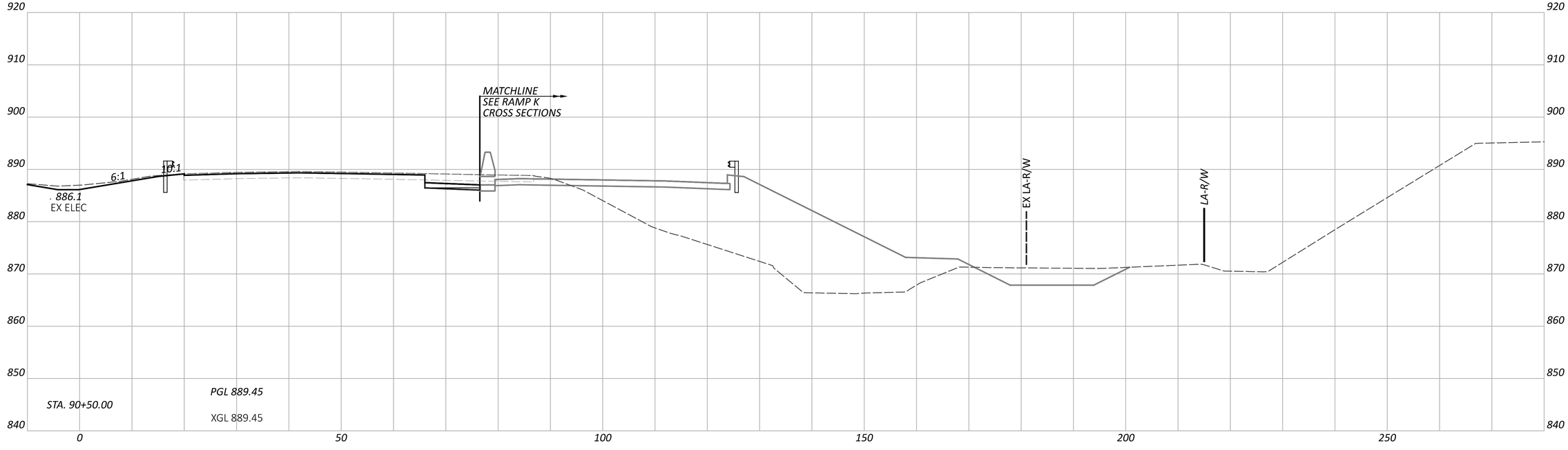
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0616
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 90+50.00 TO STA. 91+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

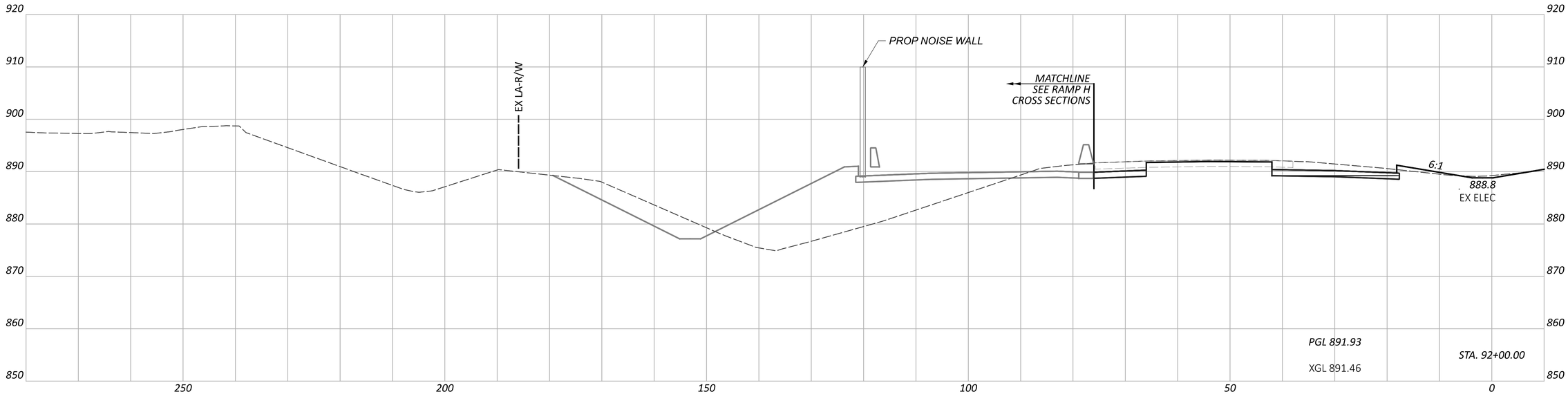
DESIGNER
BER

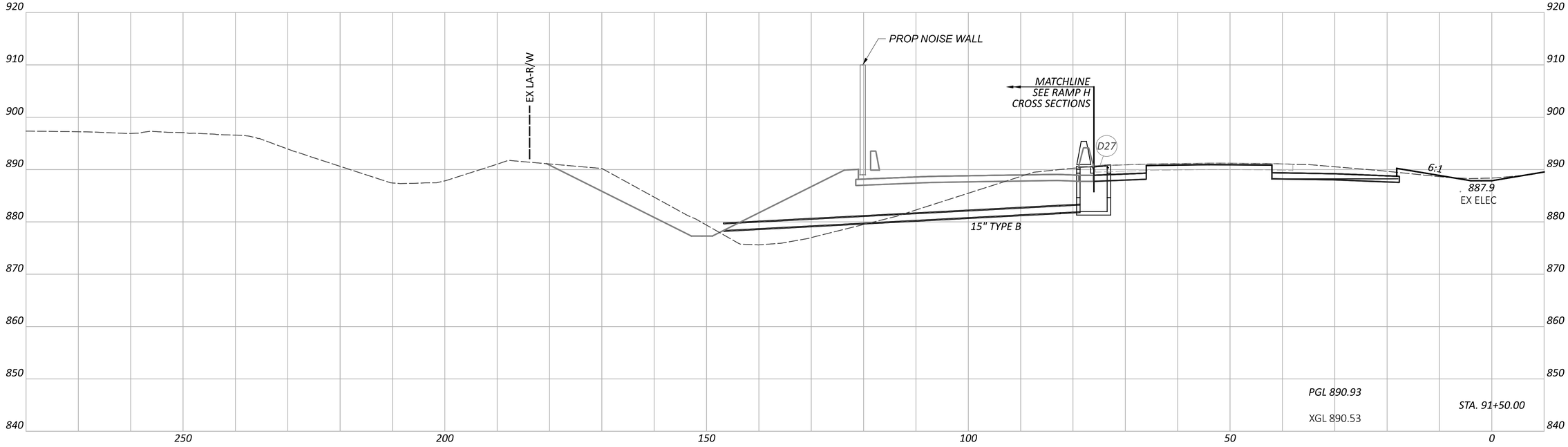
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0617 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 91+50.00 TO STA. 92+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

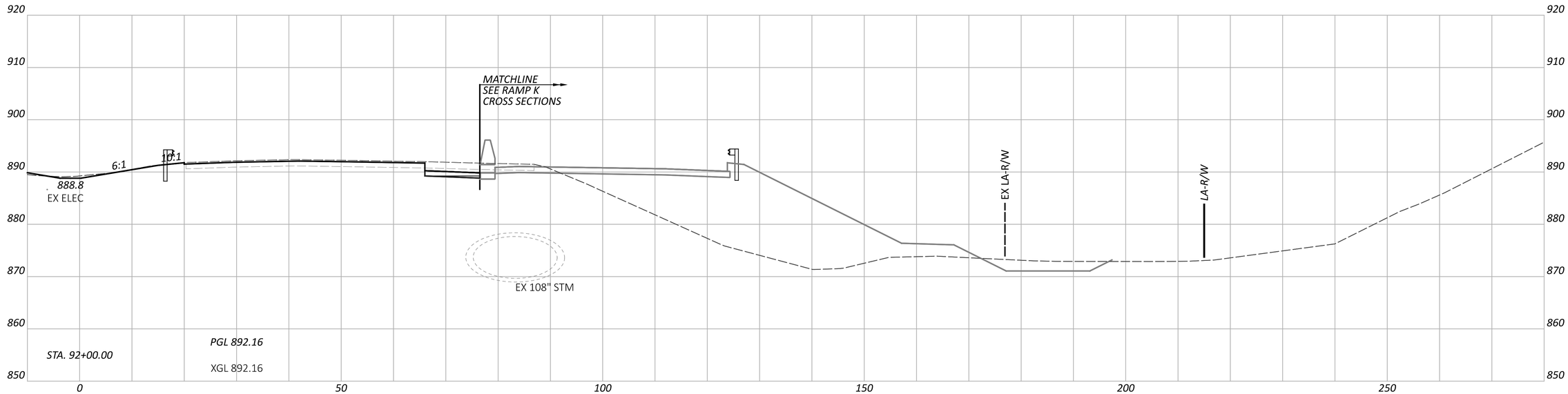
DESIGNER
BER

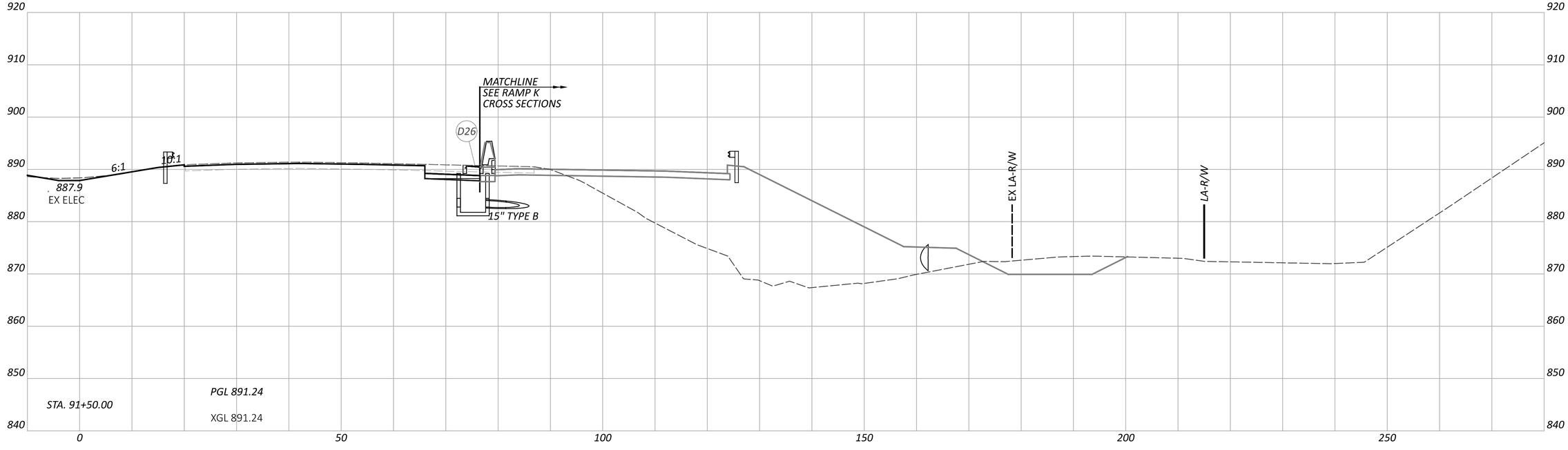
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0618 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - IR 70 EB
STA. 91+50.00 TO STA. 92+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0619 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CROSS SECTIONS - IR 70 WB
STA. 92+50.00 TO STA. 93+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 92+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:21 AM USER: brieder
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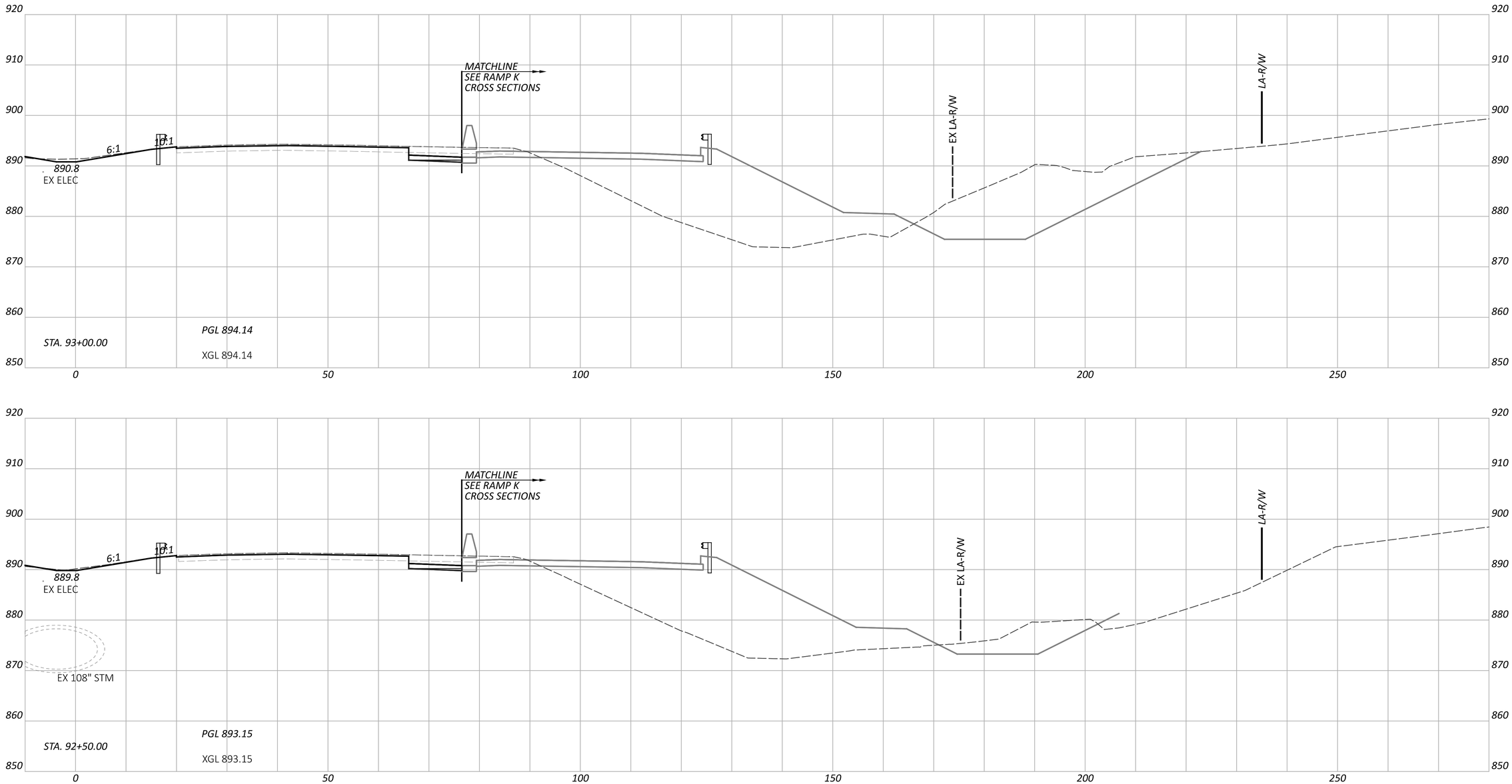
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0620
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 92+50.00 TO STA. 93+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

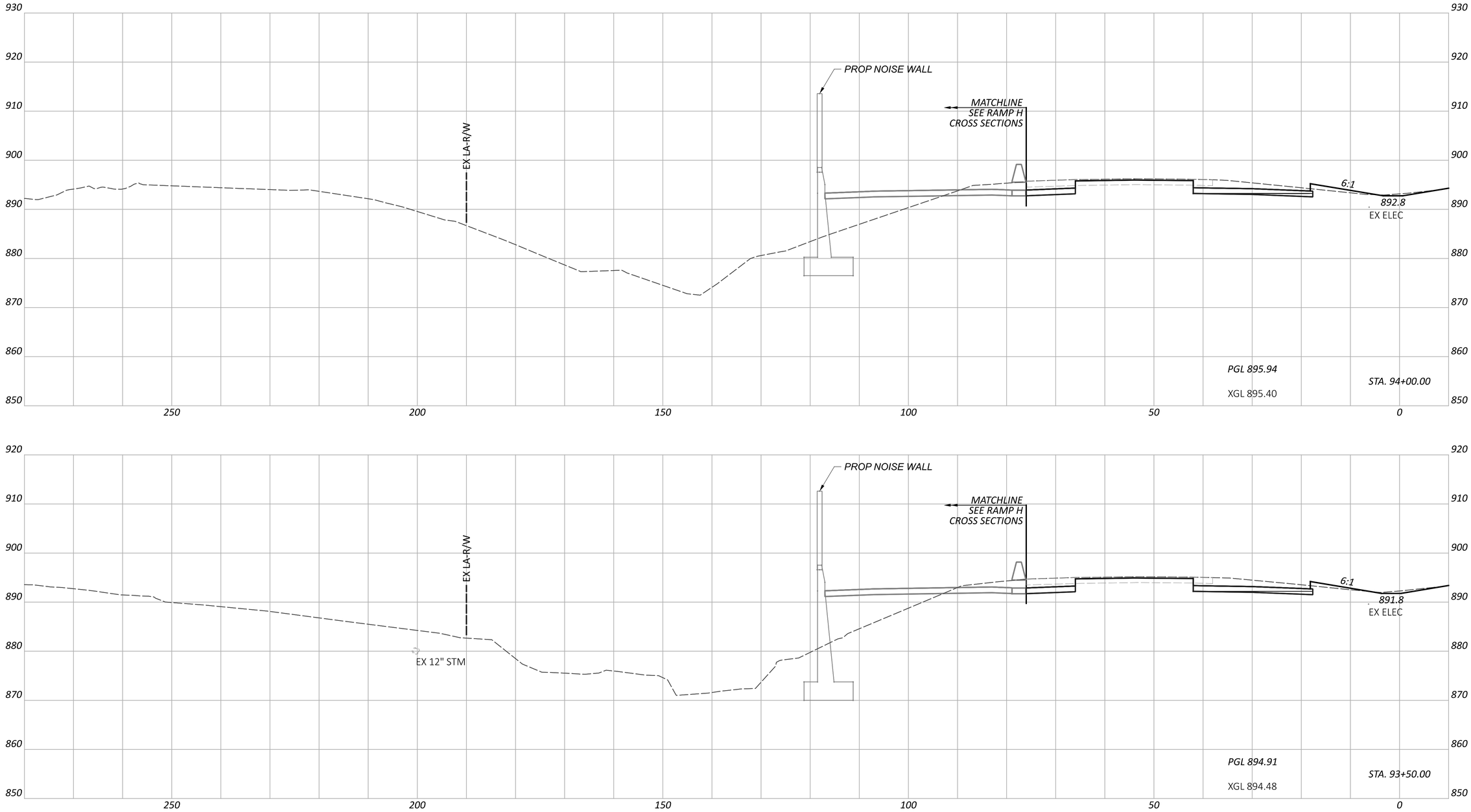
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0621 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 93+50.00 TO STA. 94+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 93+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:27 AM USER: brieder
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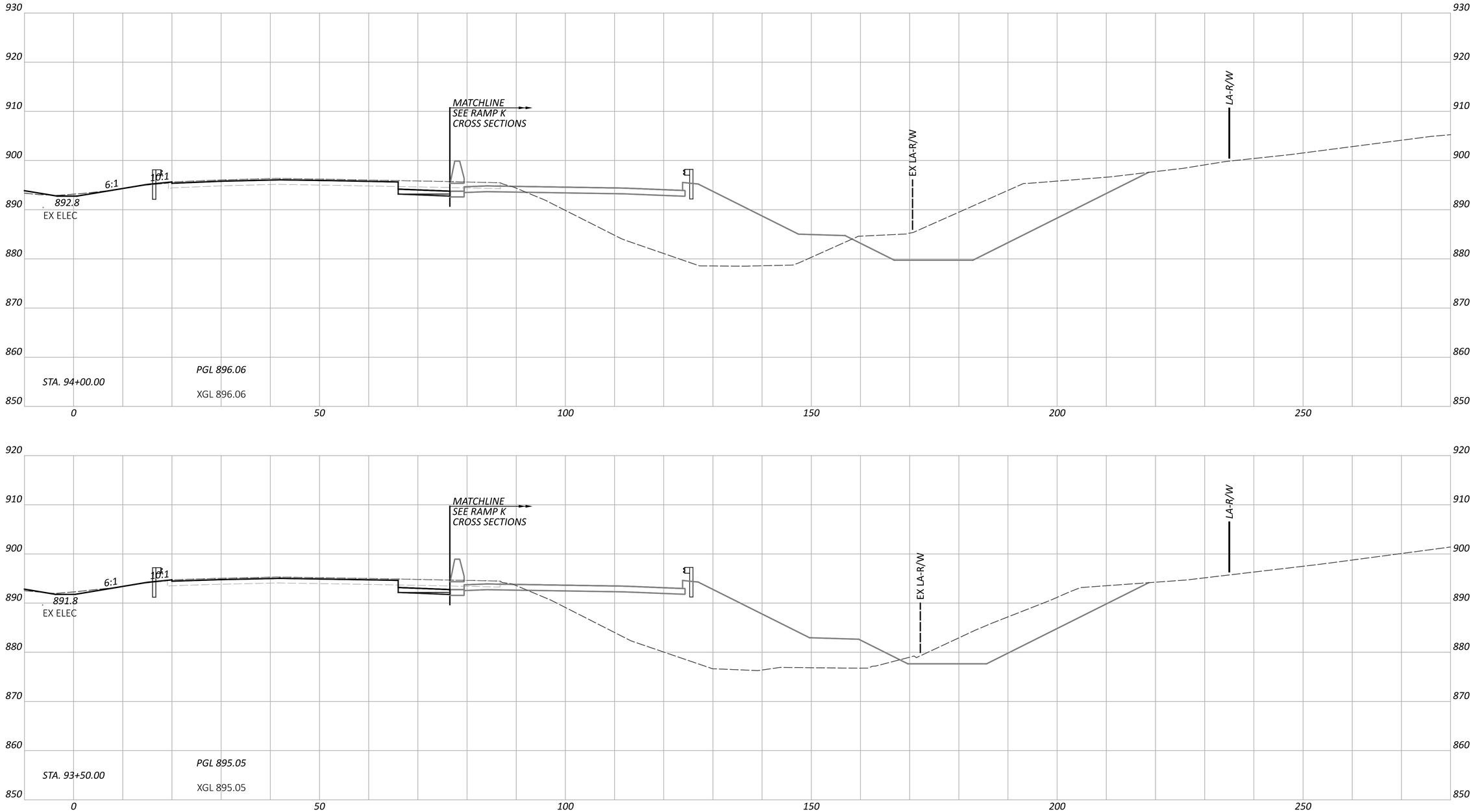
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0622 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 93+50.00 TO STA. 94+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 93+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:29 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

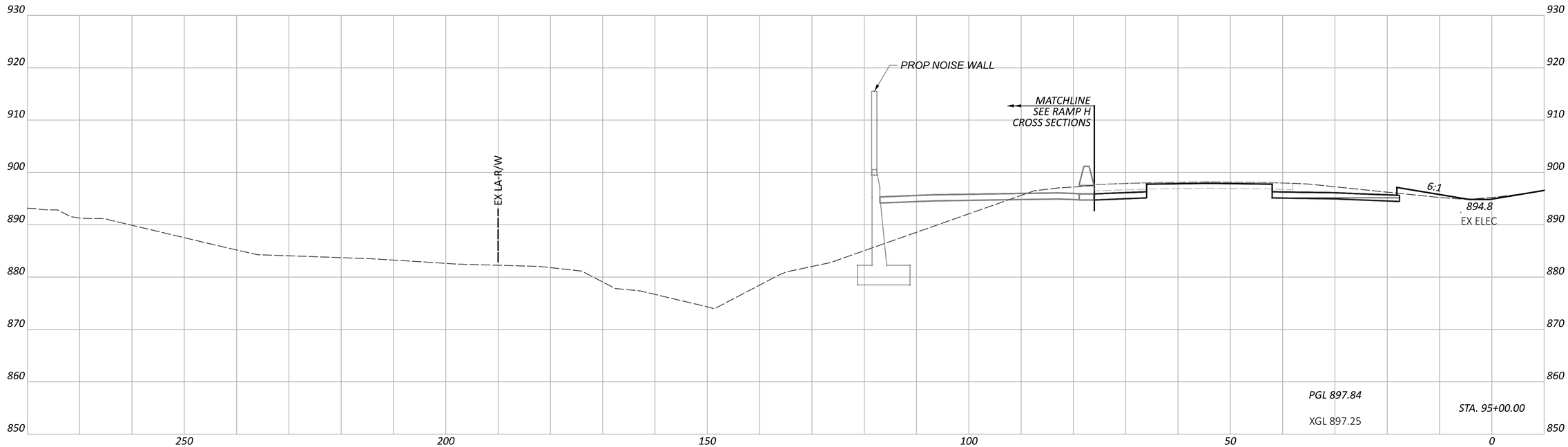
DESIGNER
BER

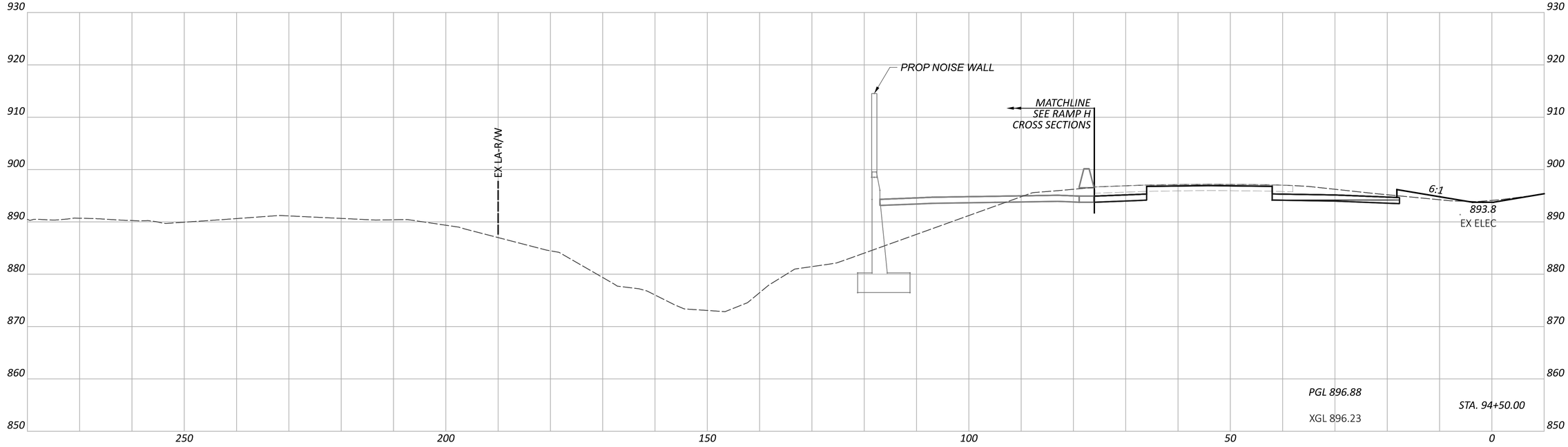
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0623 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 94+50.00 TO STA. 95+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 94+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:32 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

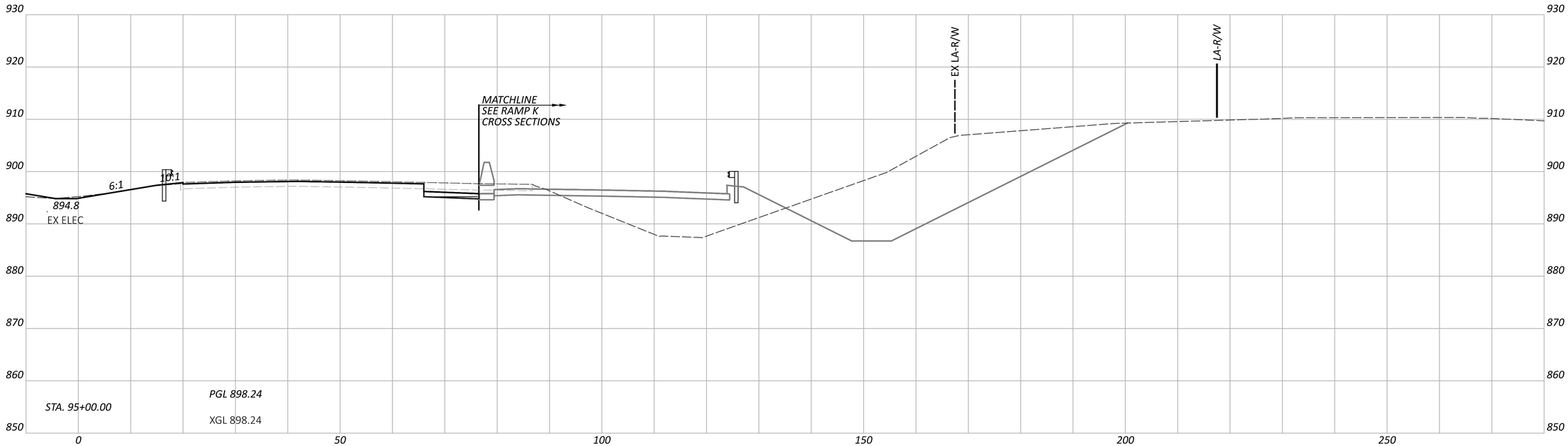
DESIGNER
BER

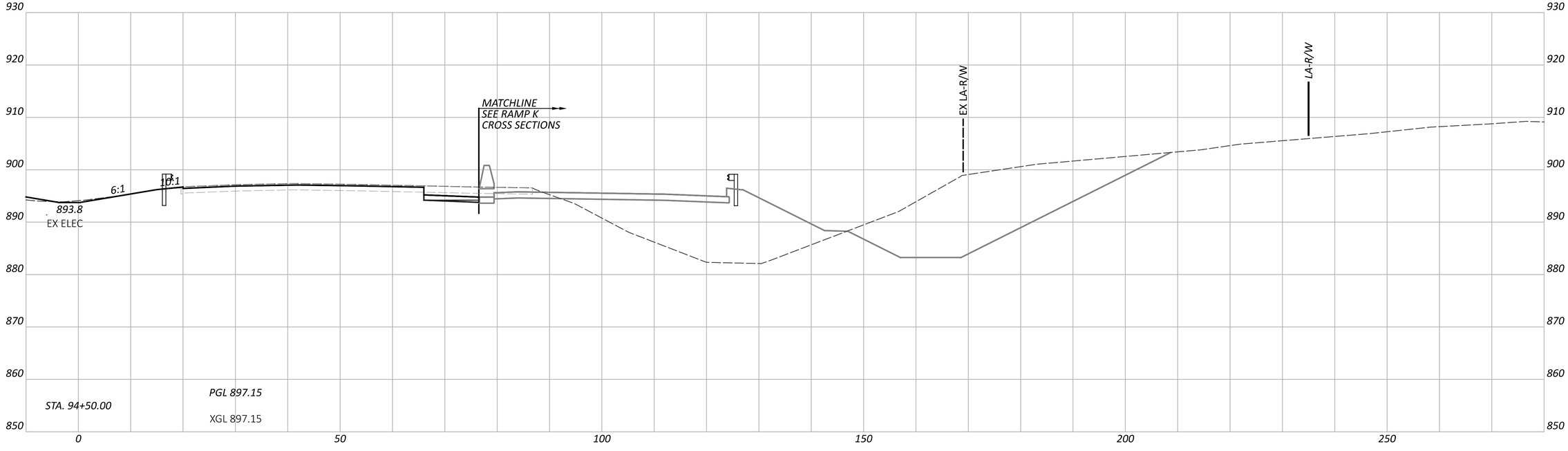
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0624 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 94+50.00 TO STA. 95+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

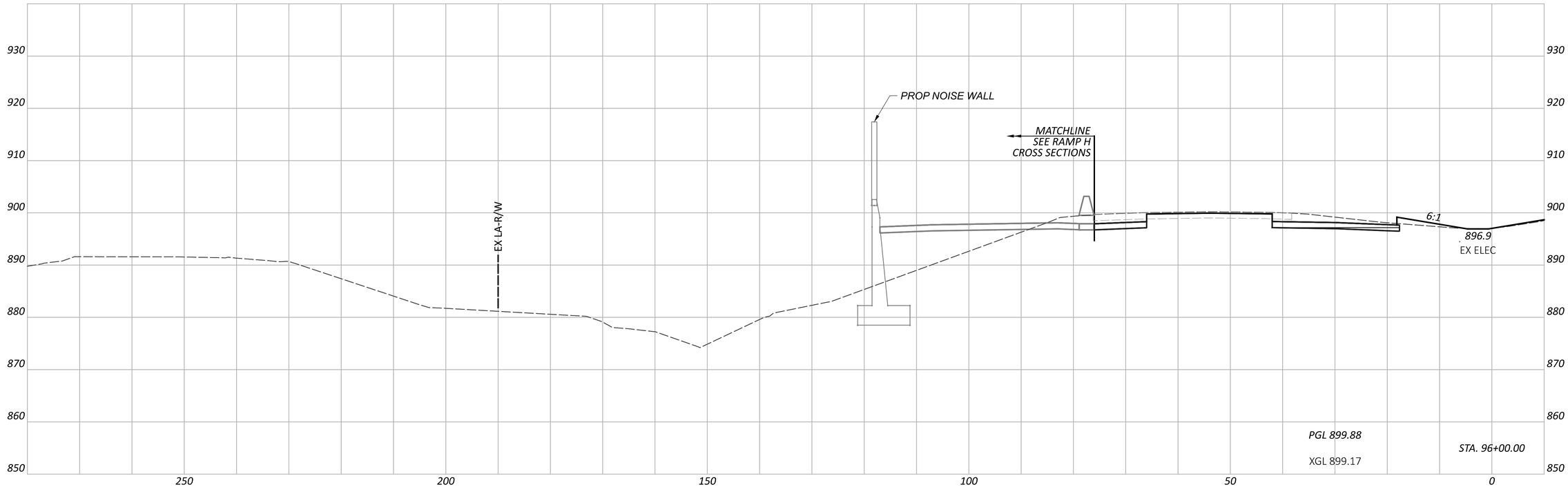
DESIGNER
BER

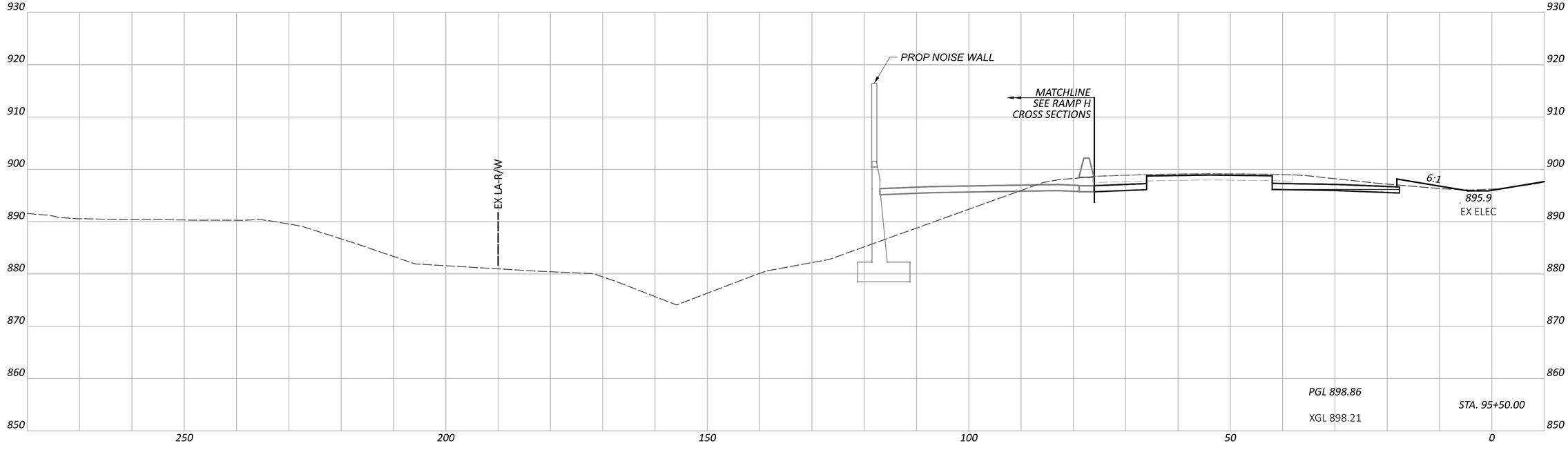
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0625 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 95+50.00 TO STA. 96+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

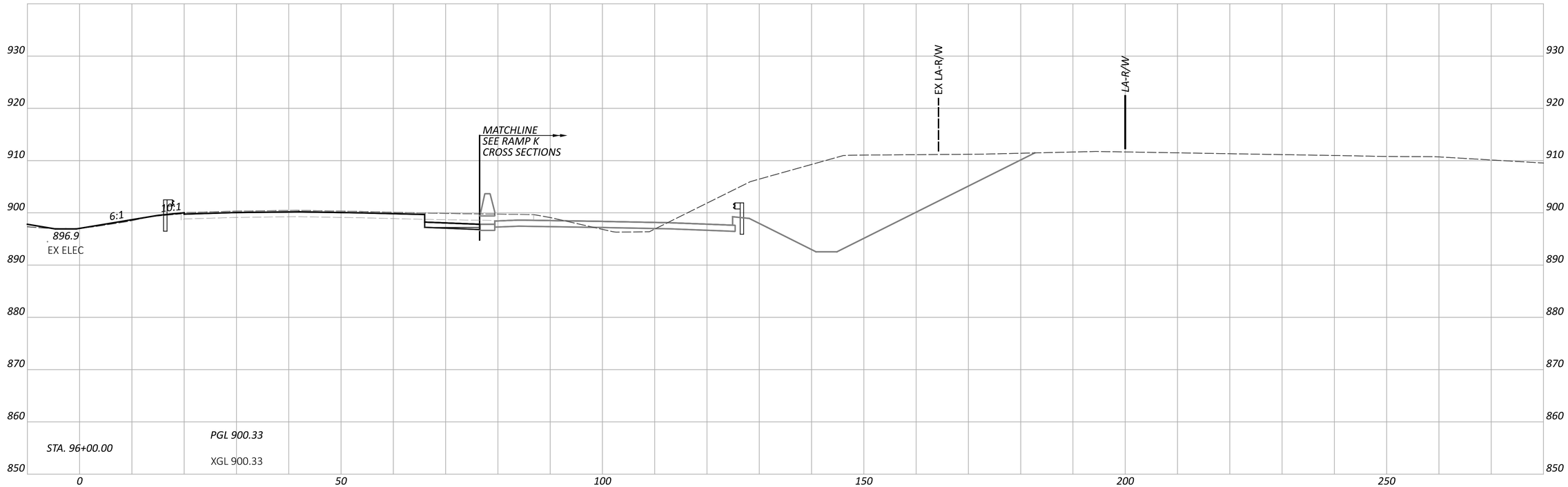
DESIGNER
BER

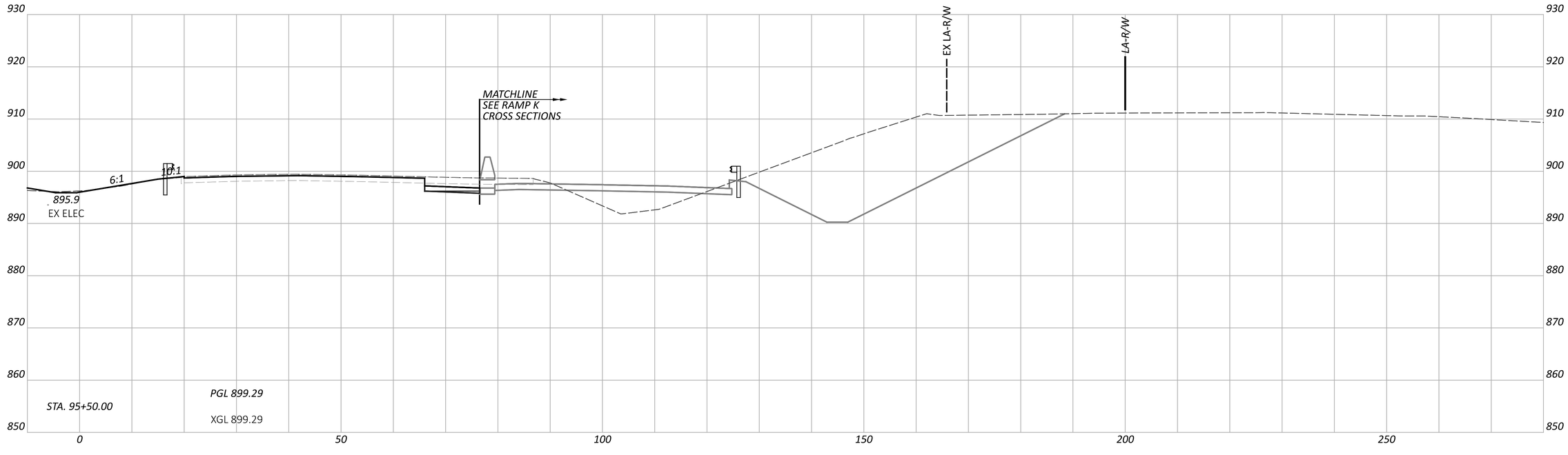
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0626 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 95+50.00 TO STA. 96+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

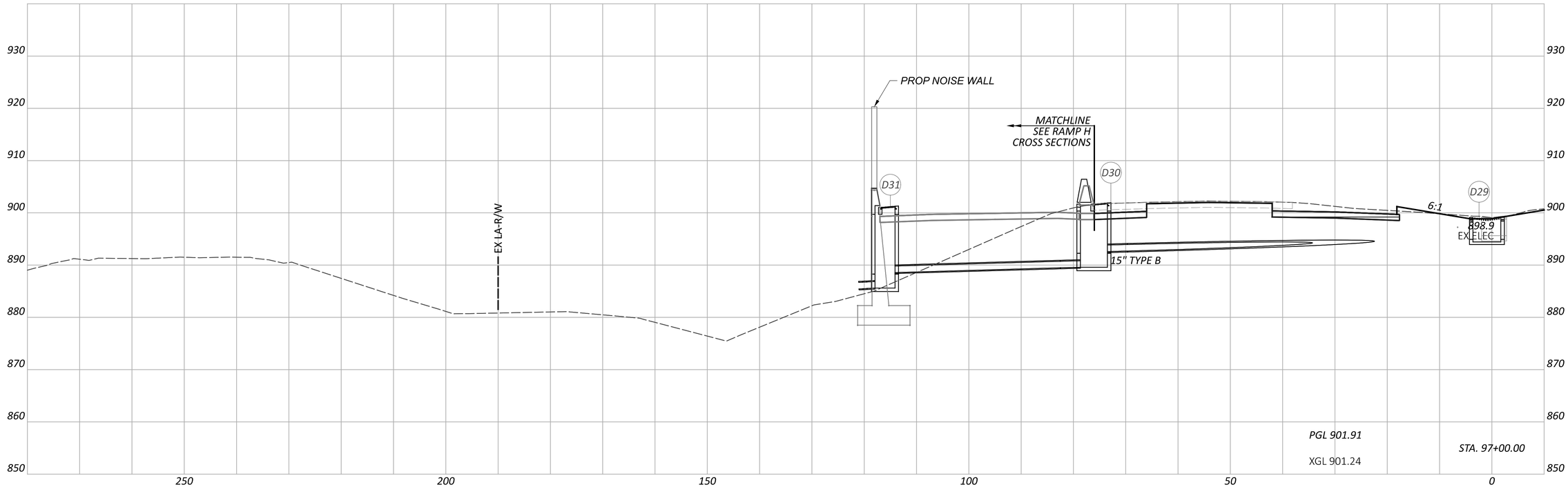
DESIGNER
BER

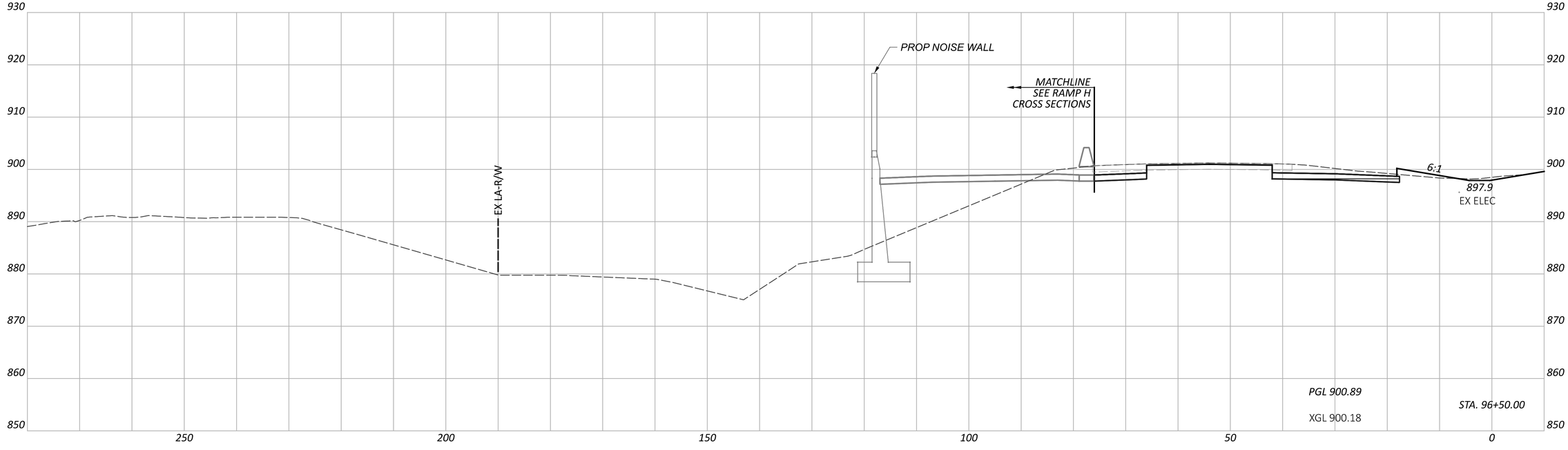
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0627 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 96+50.00 TO STA. 97+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0628 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 96+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:43 AM USER: brieder
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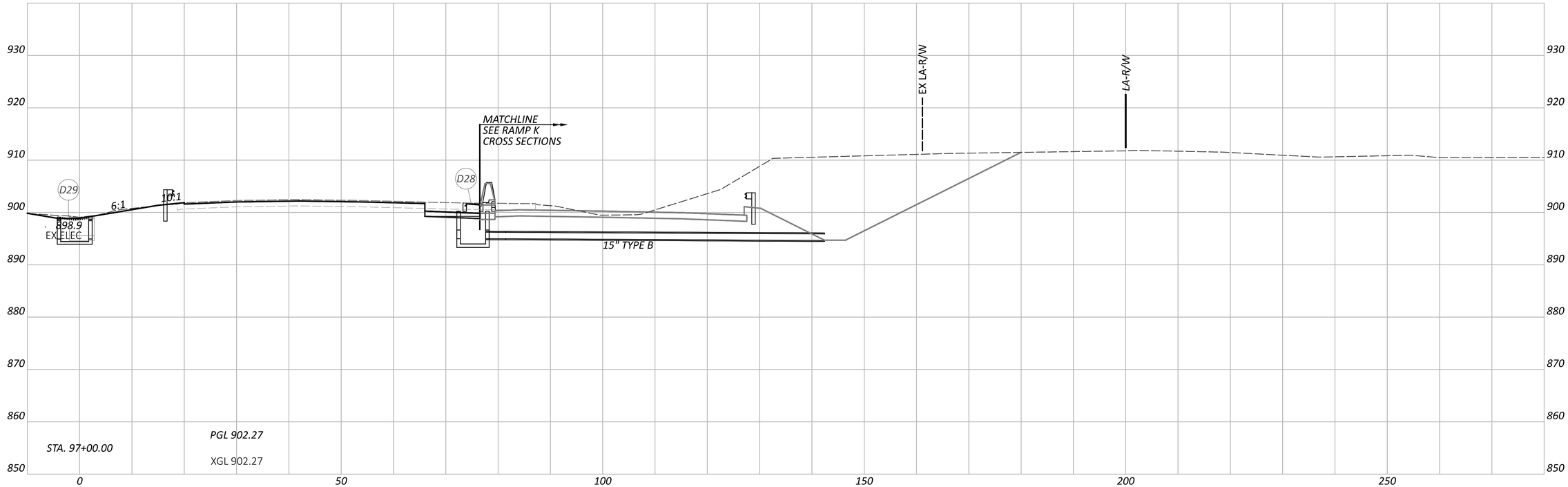
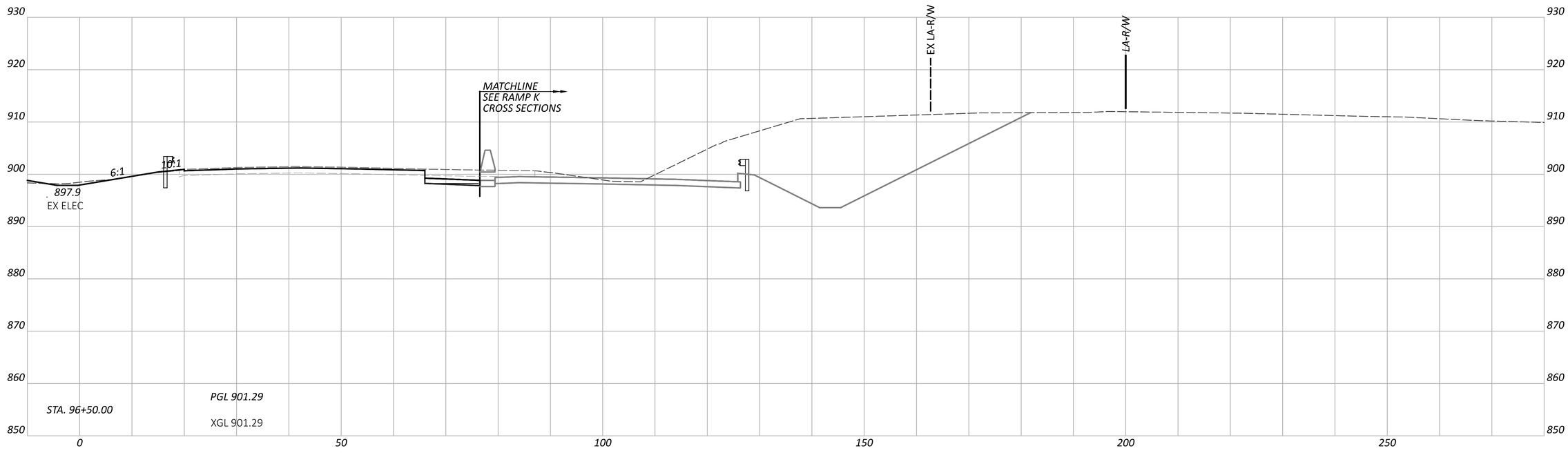
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 96+50.00 TO STA. 97+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 96+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:01:46 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

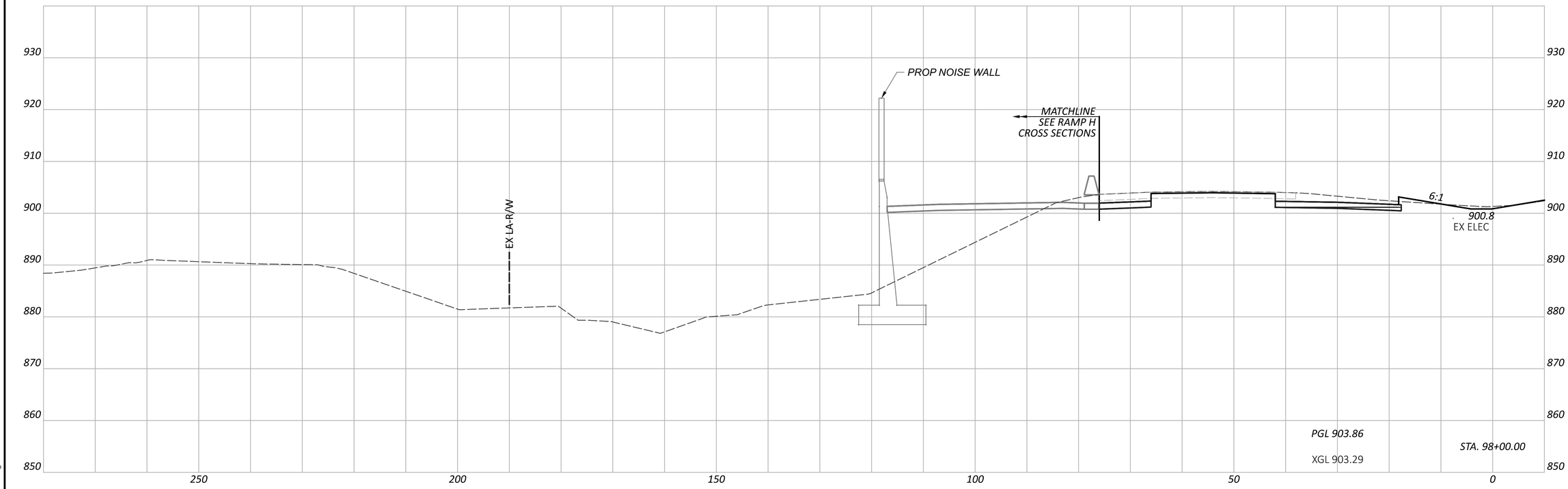
DESIGNER
BER

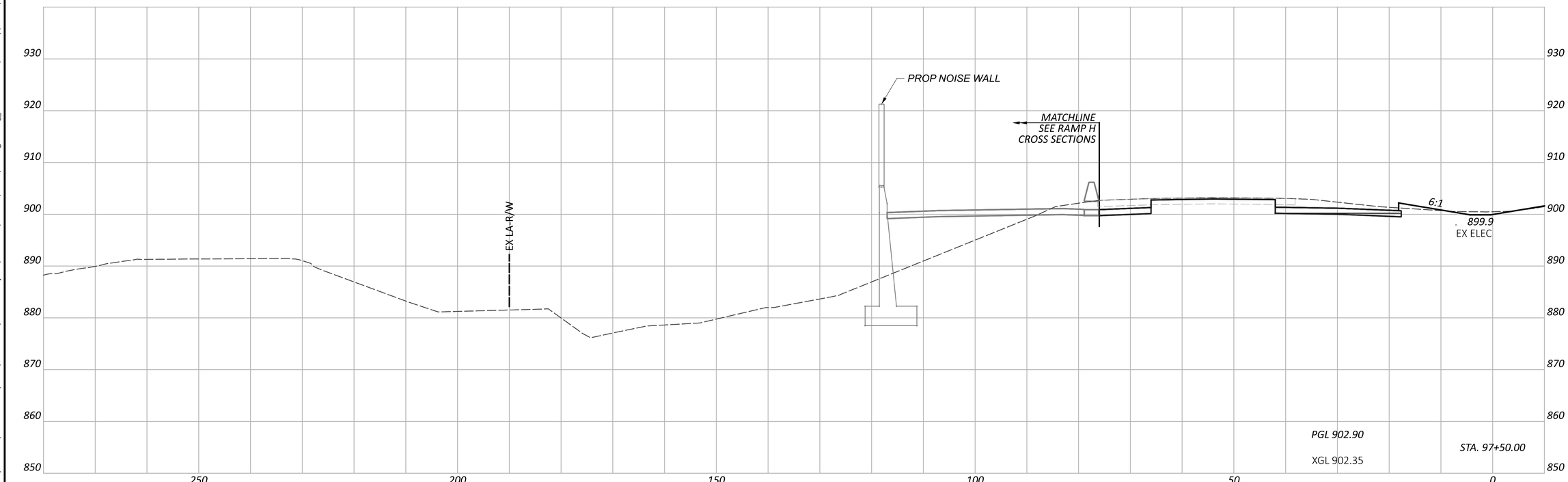
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0629 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 97+50.00 TO STA. 98+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0630 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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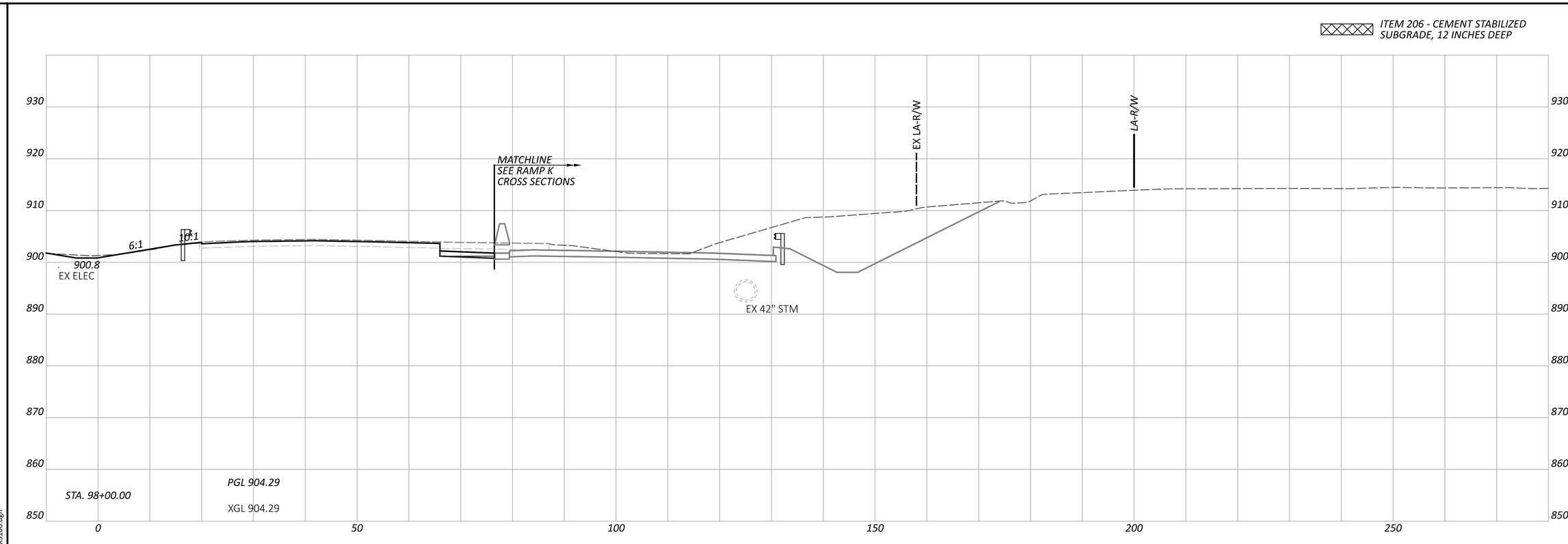

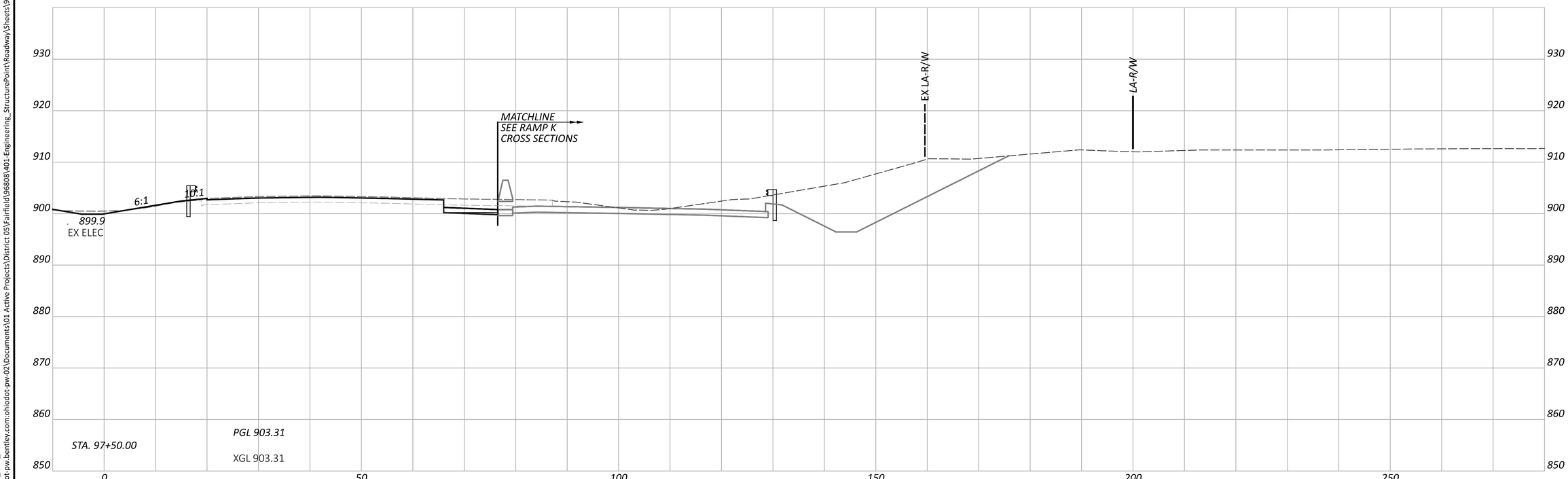

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 97+50.00 TO STA. 98+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

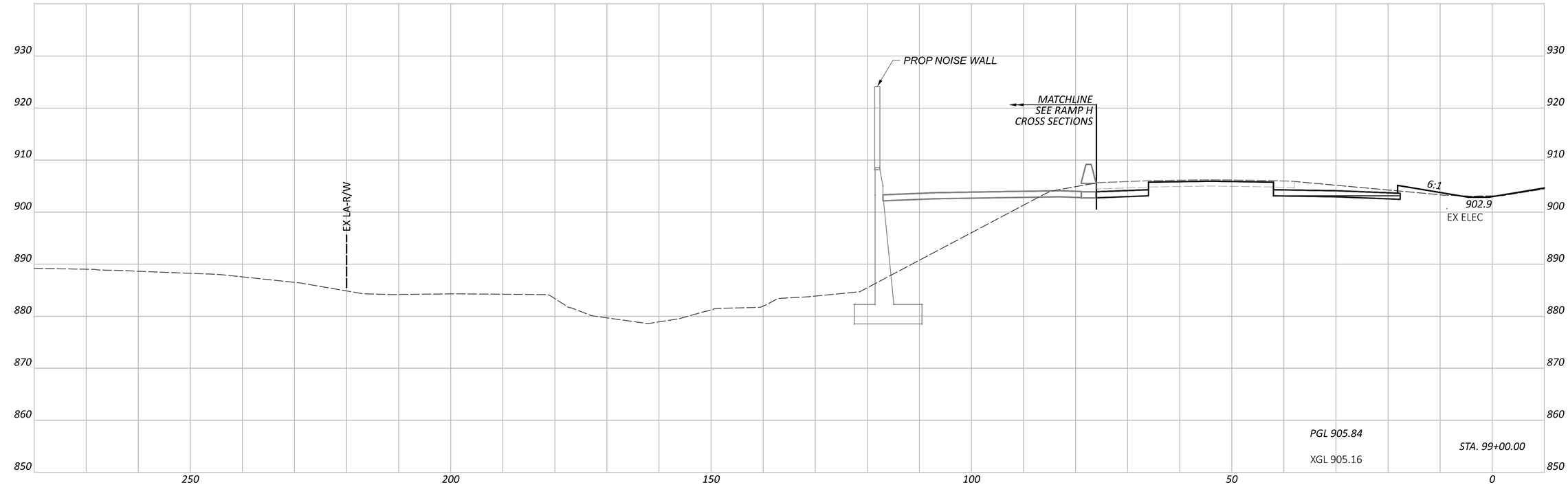
DESIGNER
BER

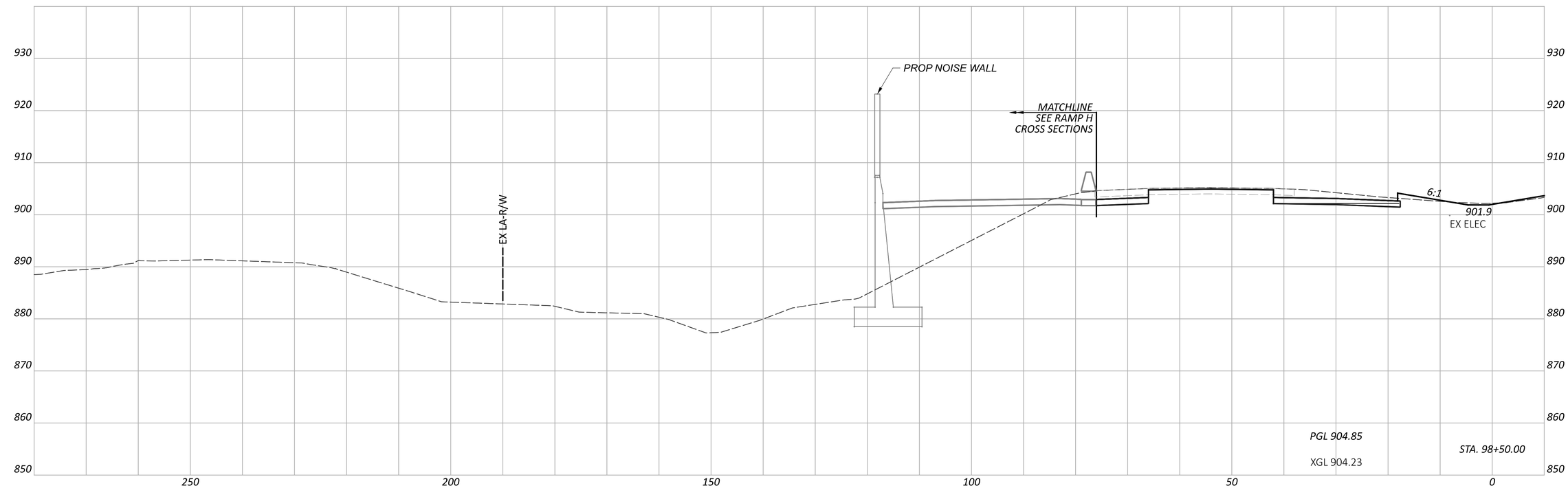
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0631 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 98+50.00 TO STA. 99+00.00

FAI/LIC-IR 70-0.00/0.00

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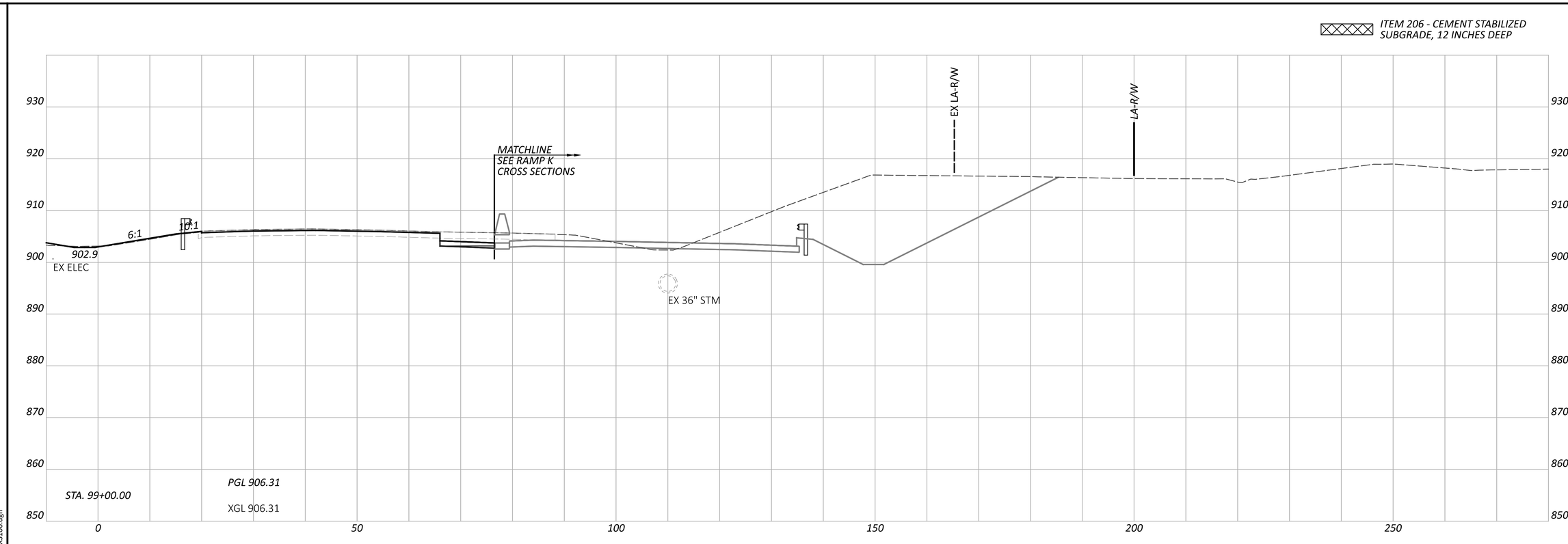
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

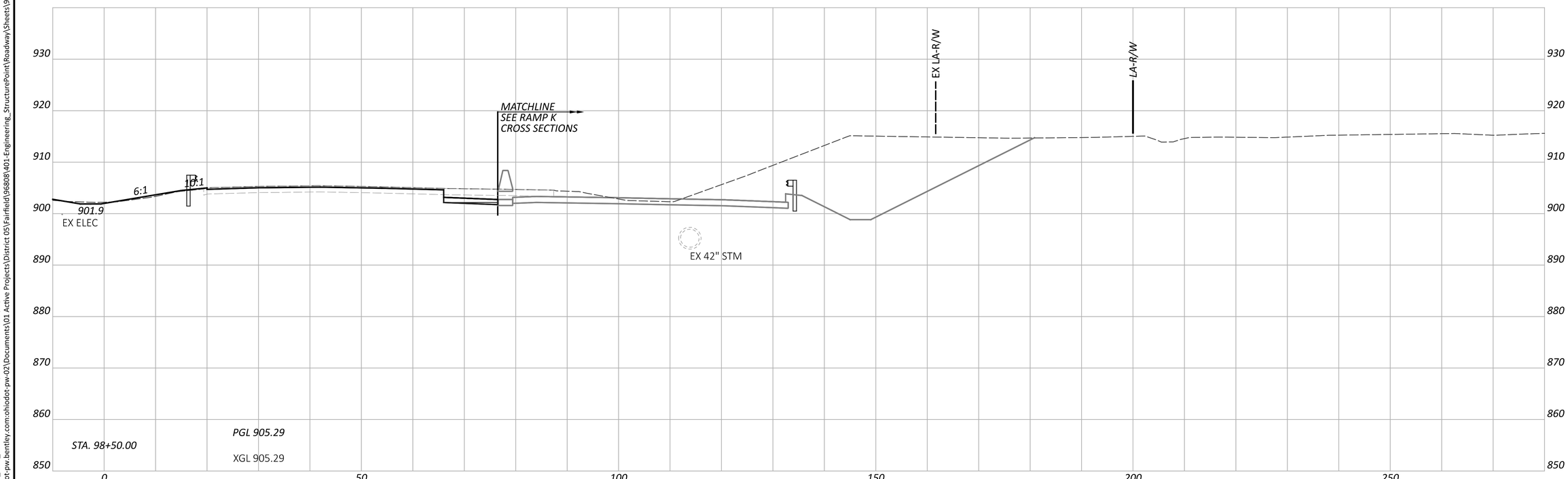
DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0632 TOTAL: P.2024





CROSS SECTIONS - IR 70 EB
STA. 98+50.00 TO STA. 99+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT

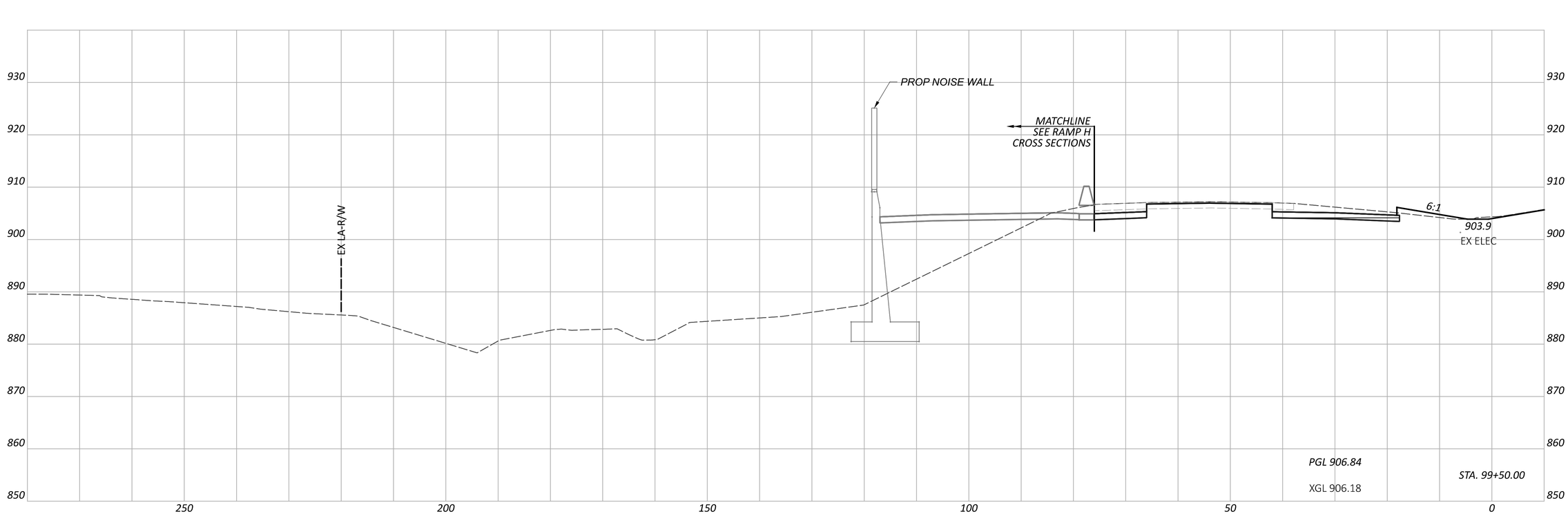
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0633 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 99+50.00

FAI/LIC-IR 70-0.00/0.00

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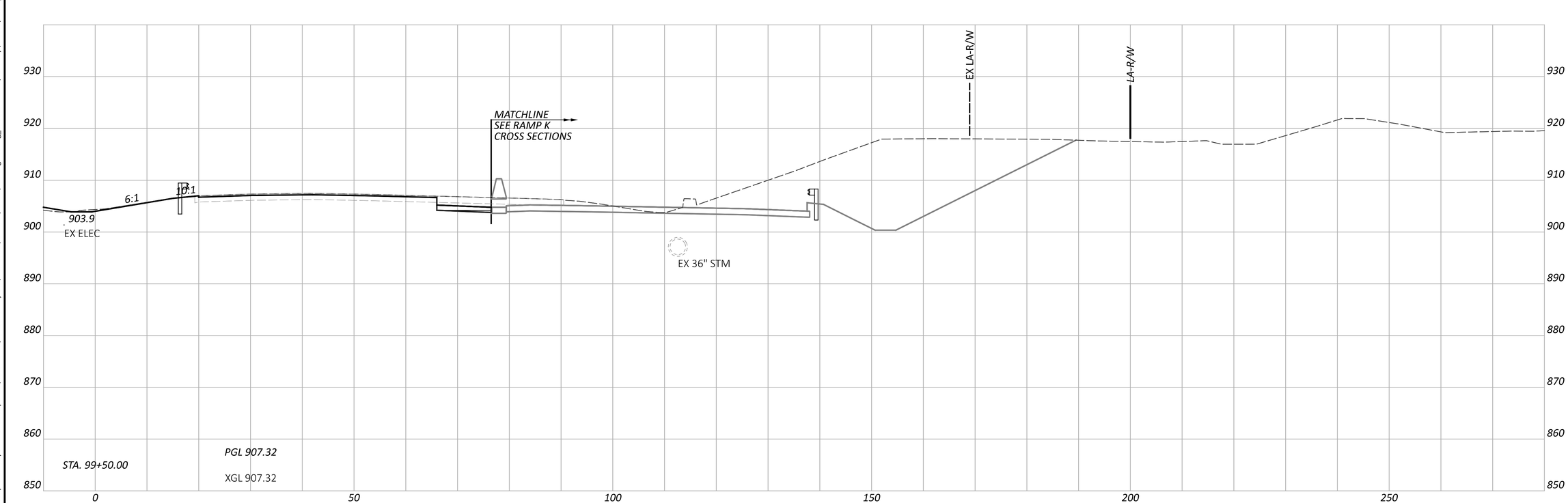
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0634
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



STA. 99+50.00

PGL 907.32

XGL 907.32

CROSS SECTIONS - IR 70 EB
STA. 99+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0635 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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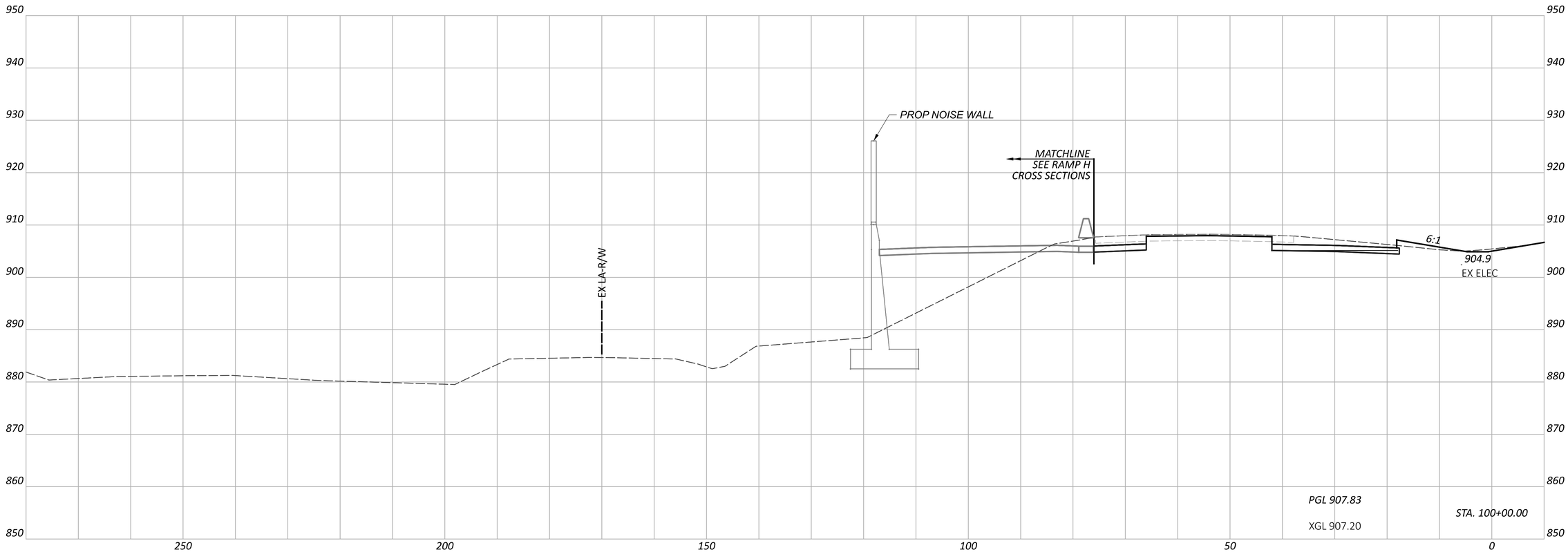
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 100+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 100+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:06 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0636 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - IR 70 EB
STA. 100+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0637 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 100+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:08 AM USER: brieder
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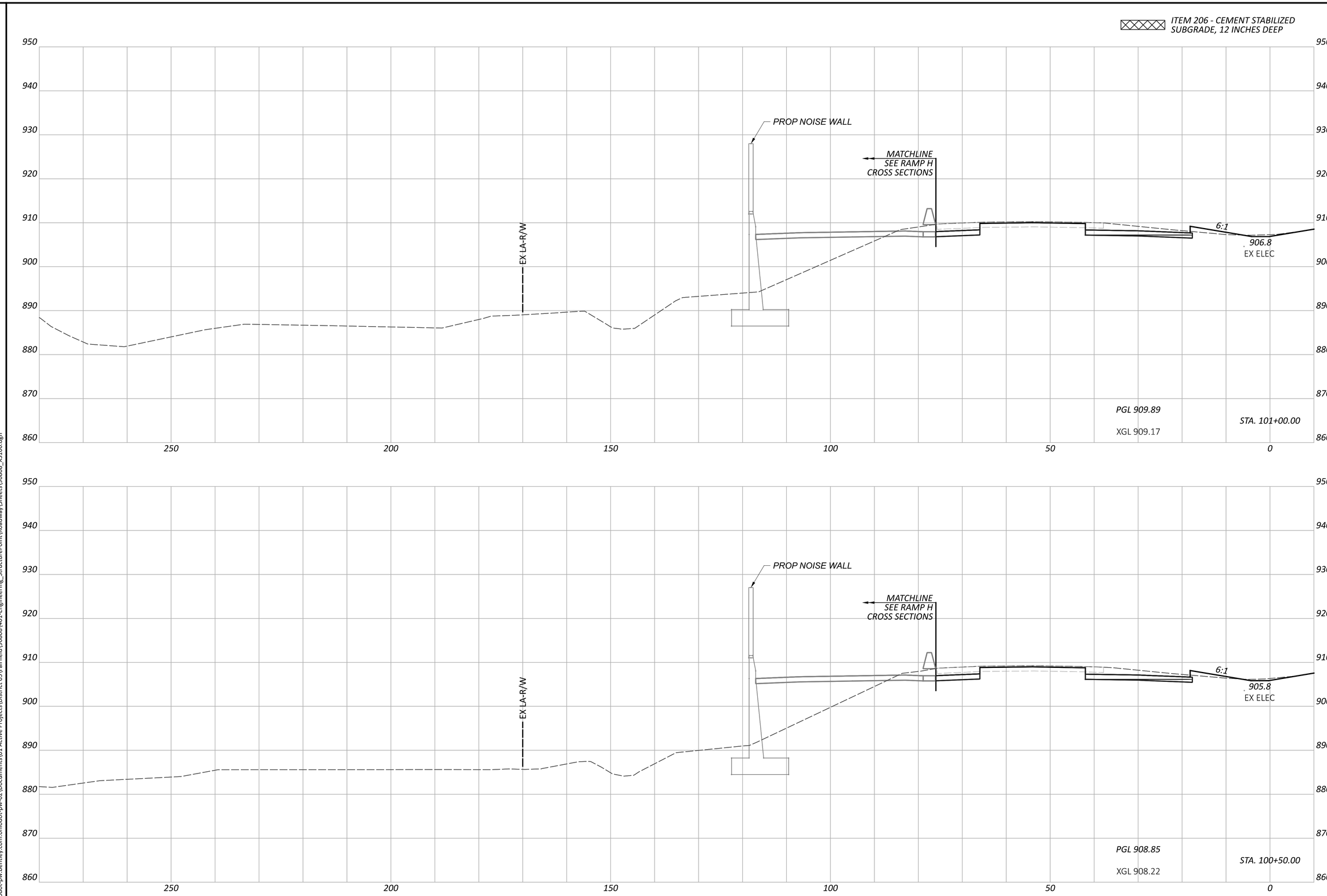

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 100+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:10 AM USER: brieder
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CROSS SECTIONS - IR 70 WB
STA. 100+50.00 TO STA. 101+00.00

DESIGN AGENCY
STRUCTUREPOINT

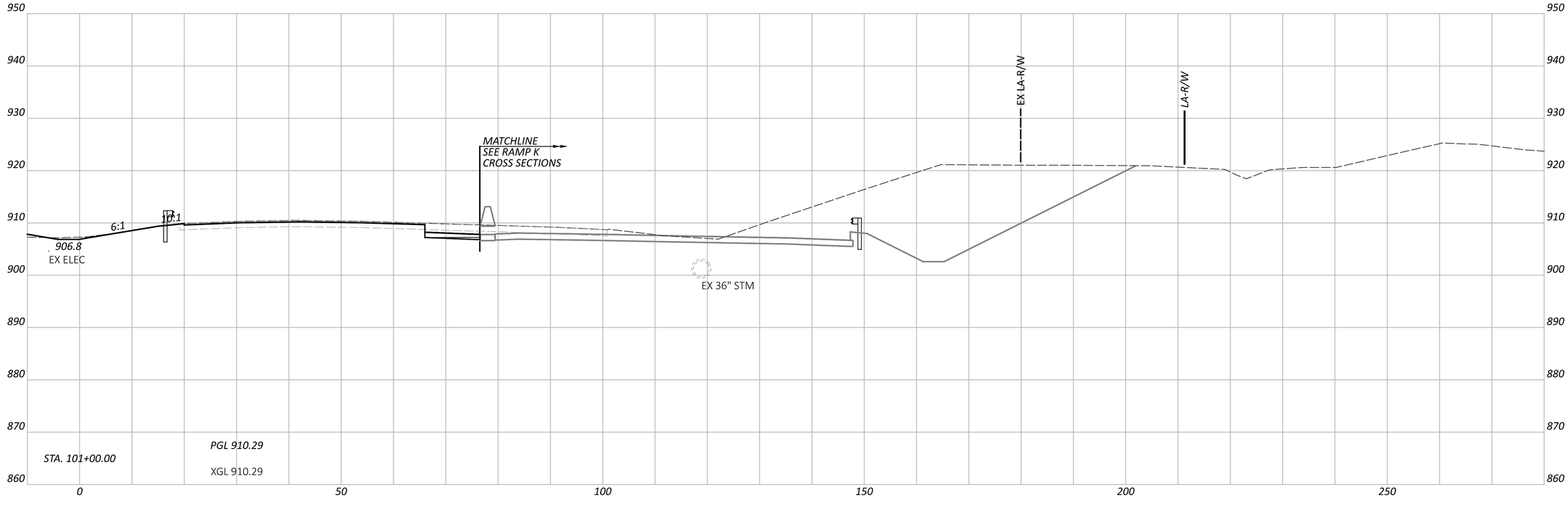
DESIGNER
BER

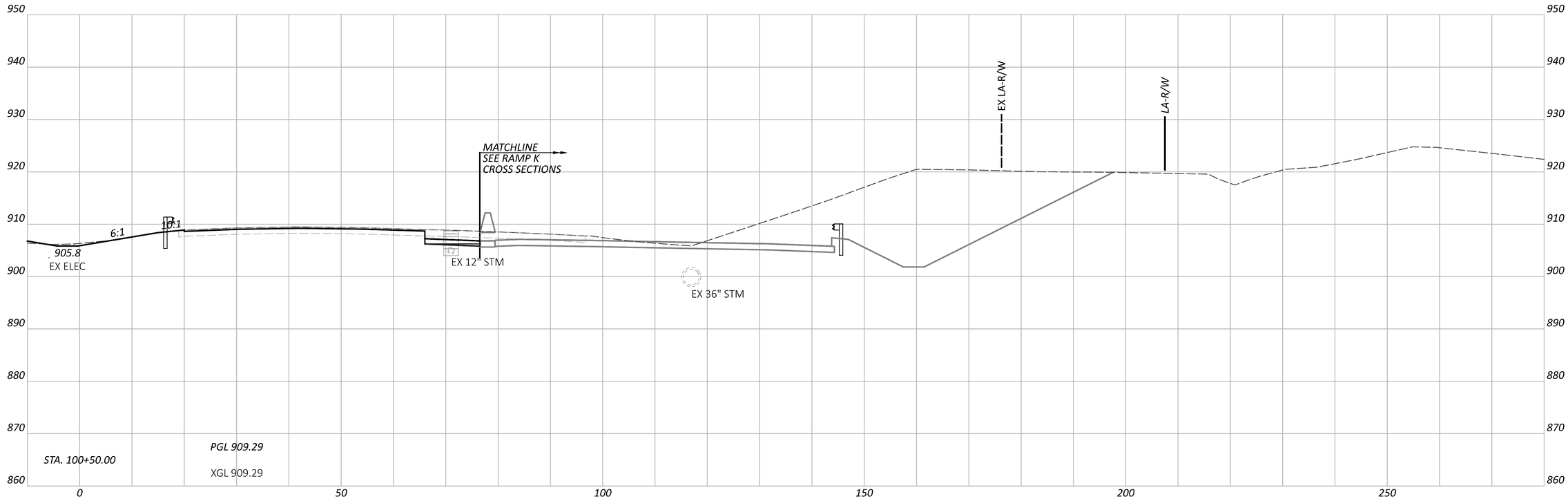
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0638 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 100+50.00 TO STA. 101+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 100+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:13 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS106.dgn

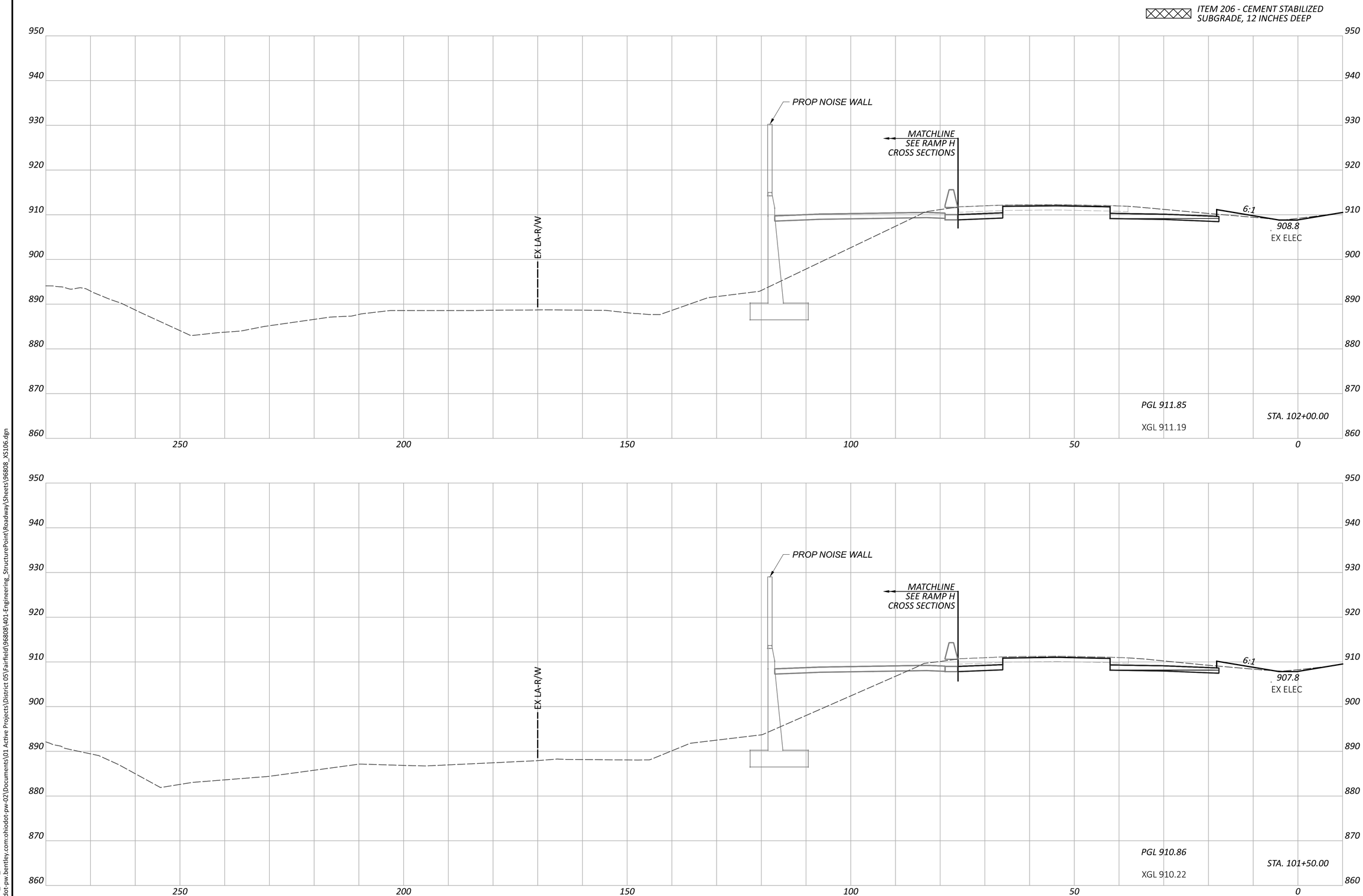
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0639 TOTAL P.2024



CROSS SECTIONS - IR 70 WB
STA. 101+50.00 TO STA. 102+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 101+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:16 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

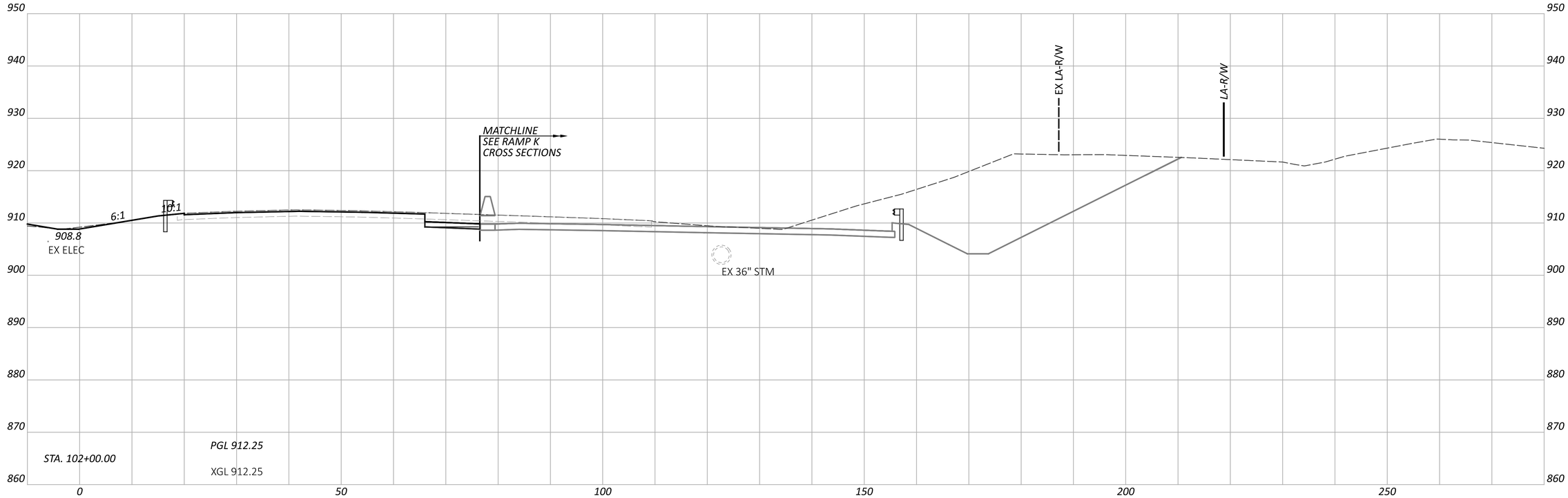
DESIGNER
BER

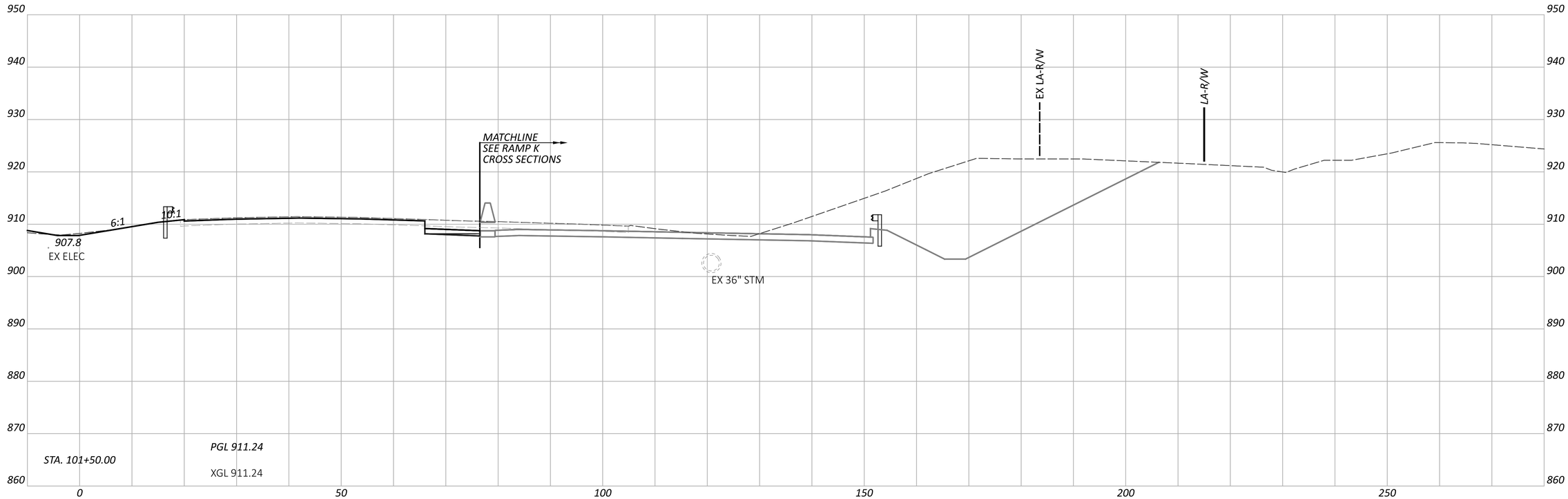
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0640 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 101+50.00 TO STA. 102+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 101+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:18 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS106.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.0641 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

PROP NOISE WALL

MATCHLINE SEE RAMP H CROSS SECTIONS

EX LA-R/W

6:1

910.8
EX ELEC

PGL 913.92

XGL 913.32

STA. 103+00.00

950 940 930 920 910 900 890 880 870 860

250 200 150 100 50 0

PROP NOISE WALL

MATCHLINE SEE RAMP H CROSS SECTIONS

D33

D32

EX LA-R/W

6:1

909.9
EX ELEC

15" TYPE B

PGL 912.89

XGL 912.27

STA. 102+50.00

950 940 930 920 910 900 890 880 870 860

250 200 150 100 50 0

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 102+50.00 TO STA. 103+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 102+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:22 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\M01-Engineering_StructurePoint\Roadway\Sheets\96808_XS106.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

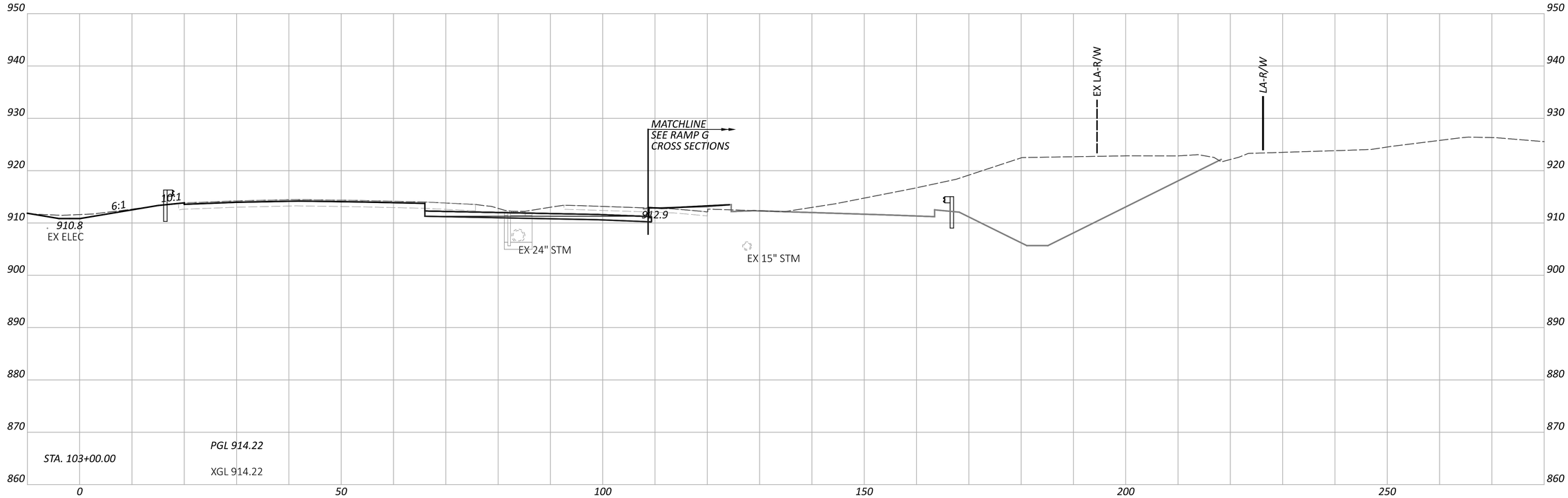
DESIGNER BER

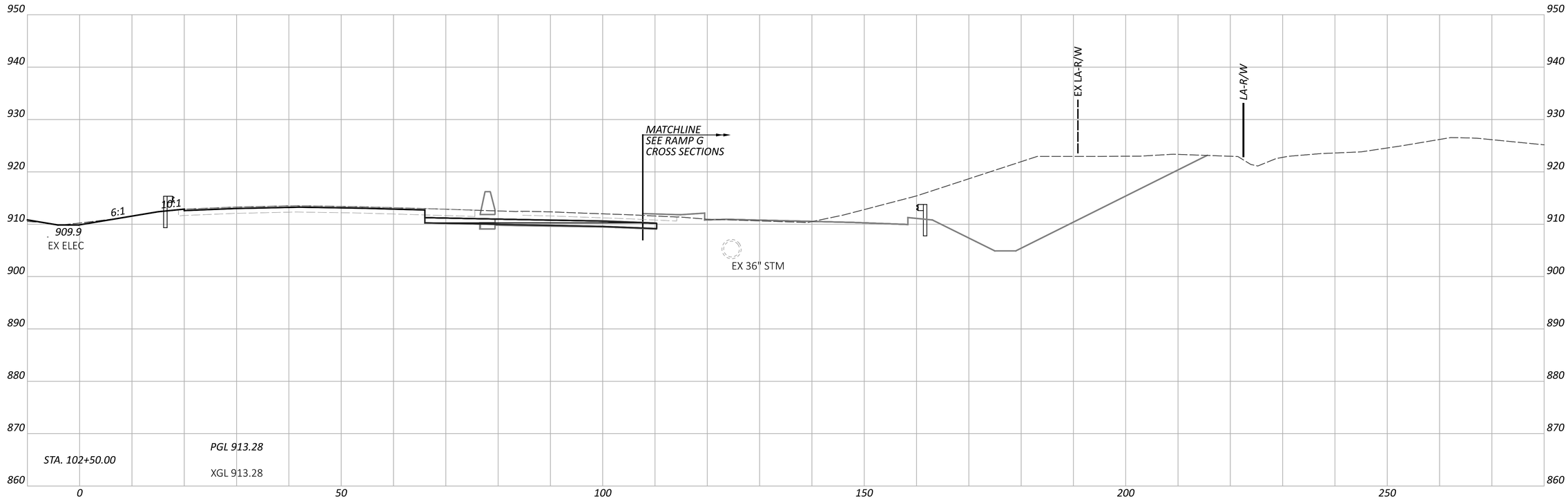
REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.0642 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 102+50.00 TO STA. 103+00.00

FAI/LIC-IR 70-0.00/0.00

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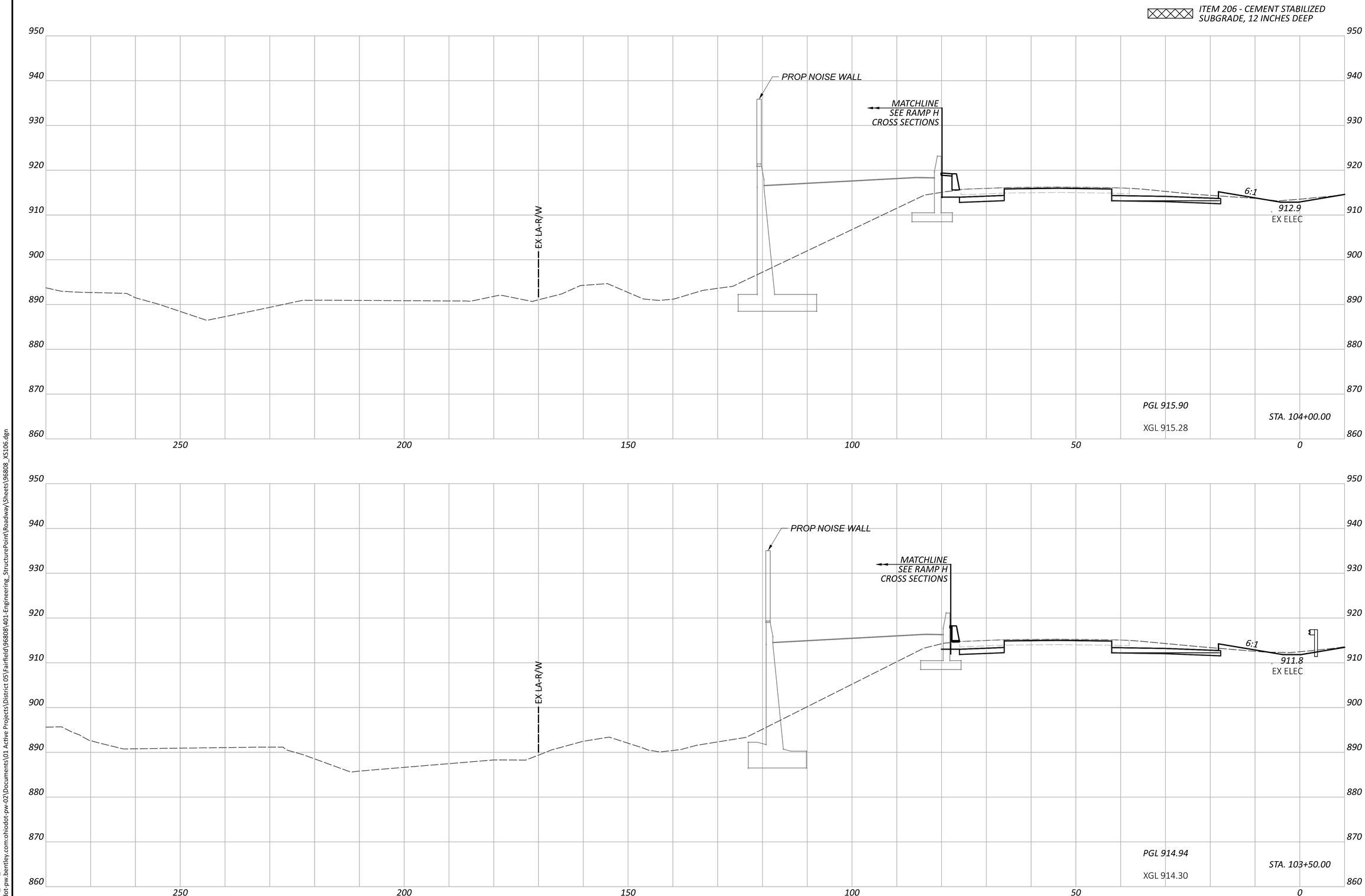
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0643
TOTAL	P.2024



CROSS SECTIONS - IR 70 WB
STA. 103+50.00 TO STA. 104+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0644 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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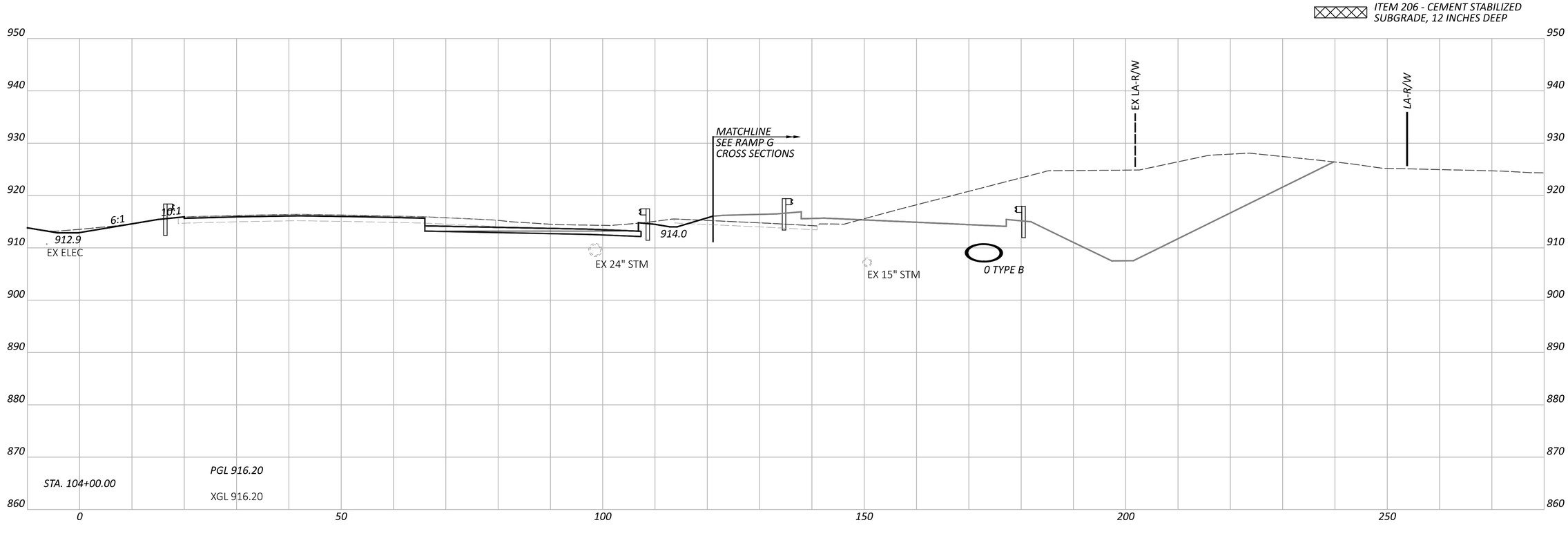

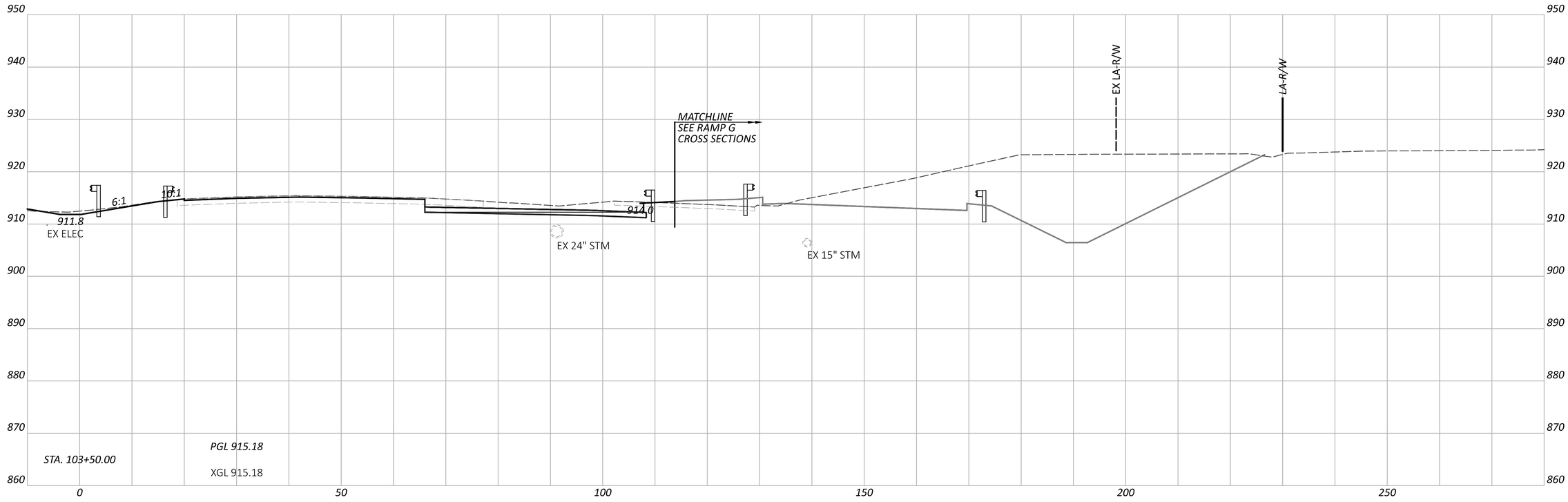

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 103+50.00 TO STA. 104+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0645
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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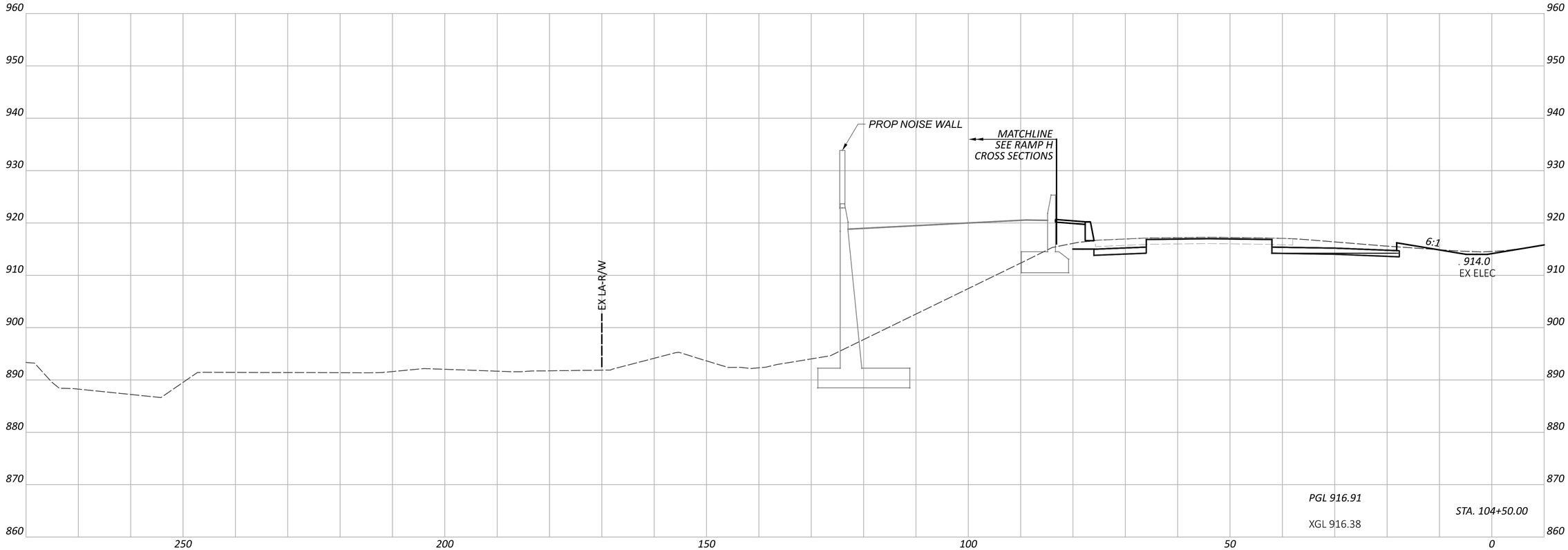
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 104+50.00

FAI/LIC-IR 70-0.00/0.00

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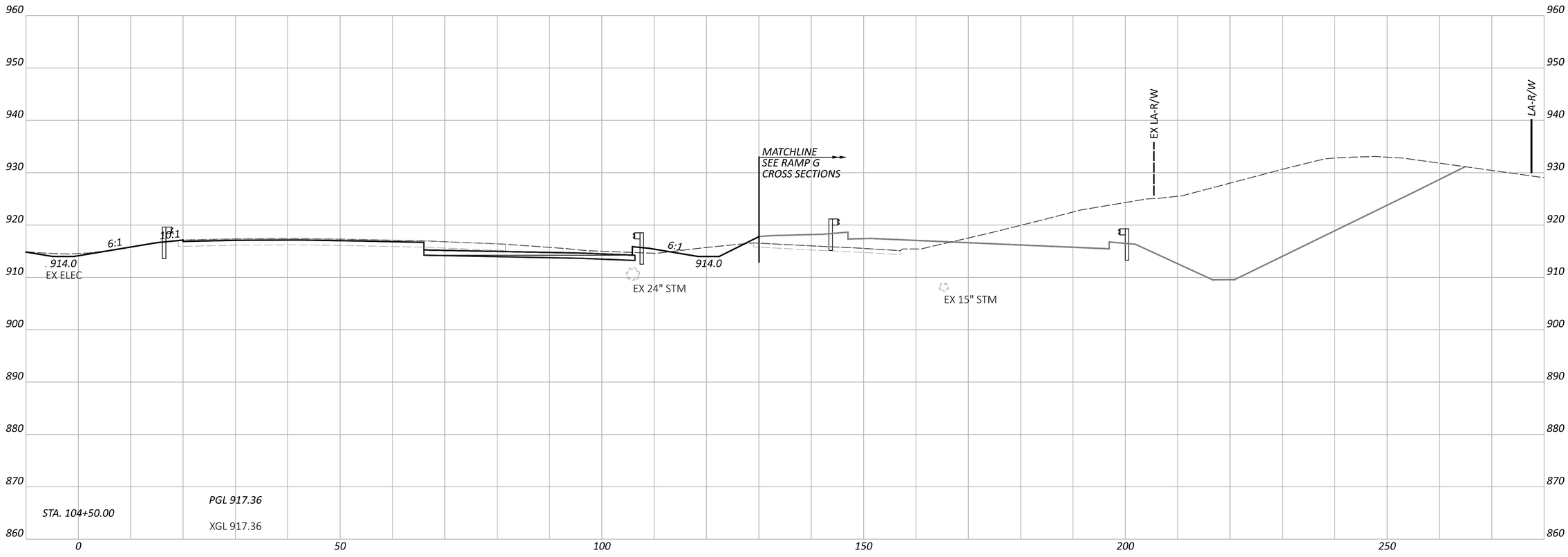
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0646
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 104+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0647 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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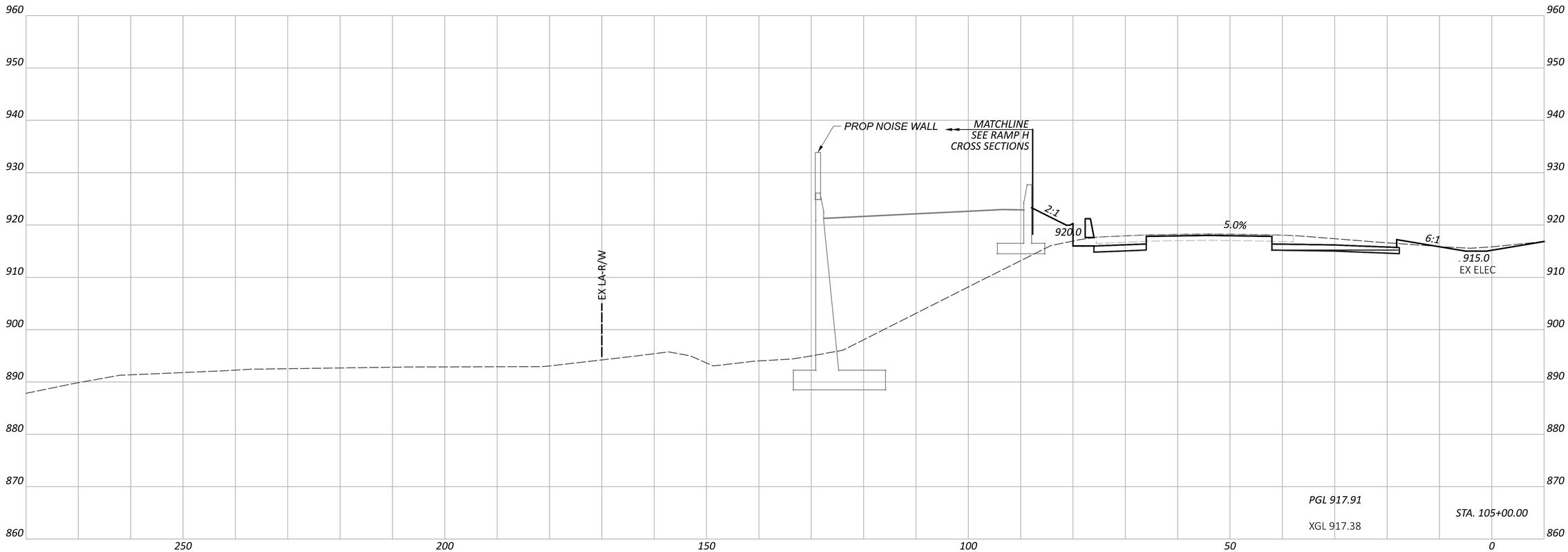
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 105+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 105+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:40 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

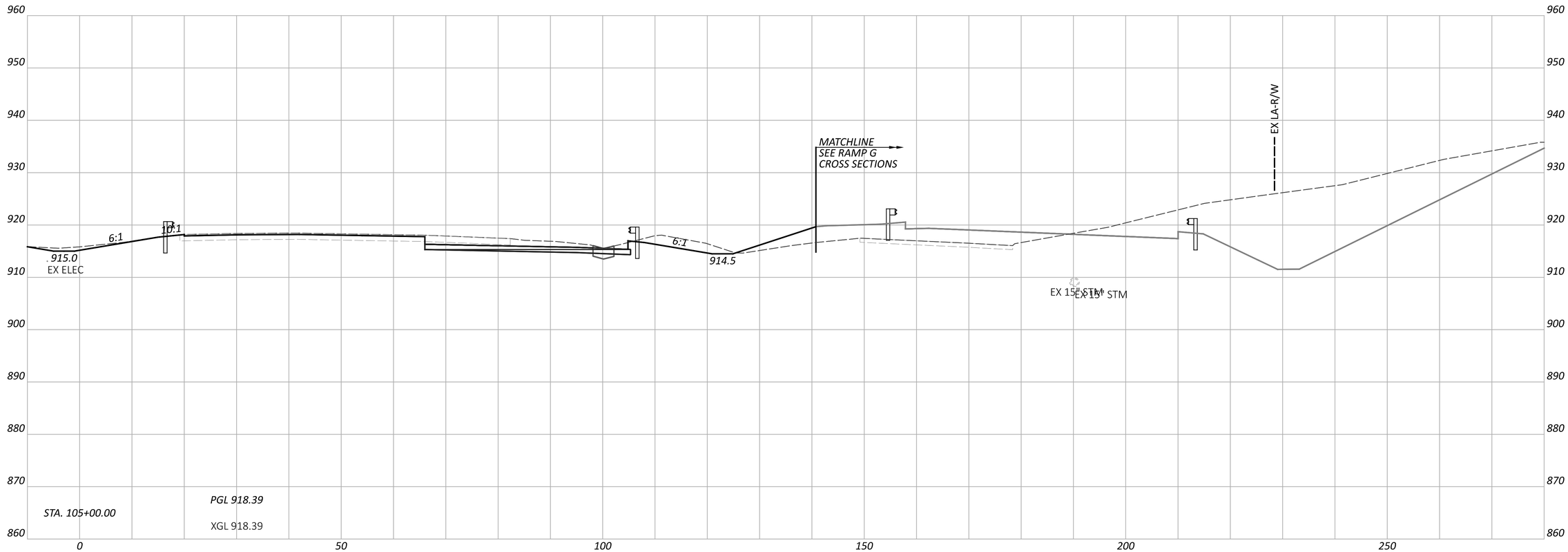
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0648 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 105+00.00

FAI/LIC-IR 70-0.00/0.00

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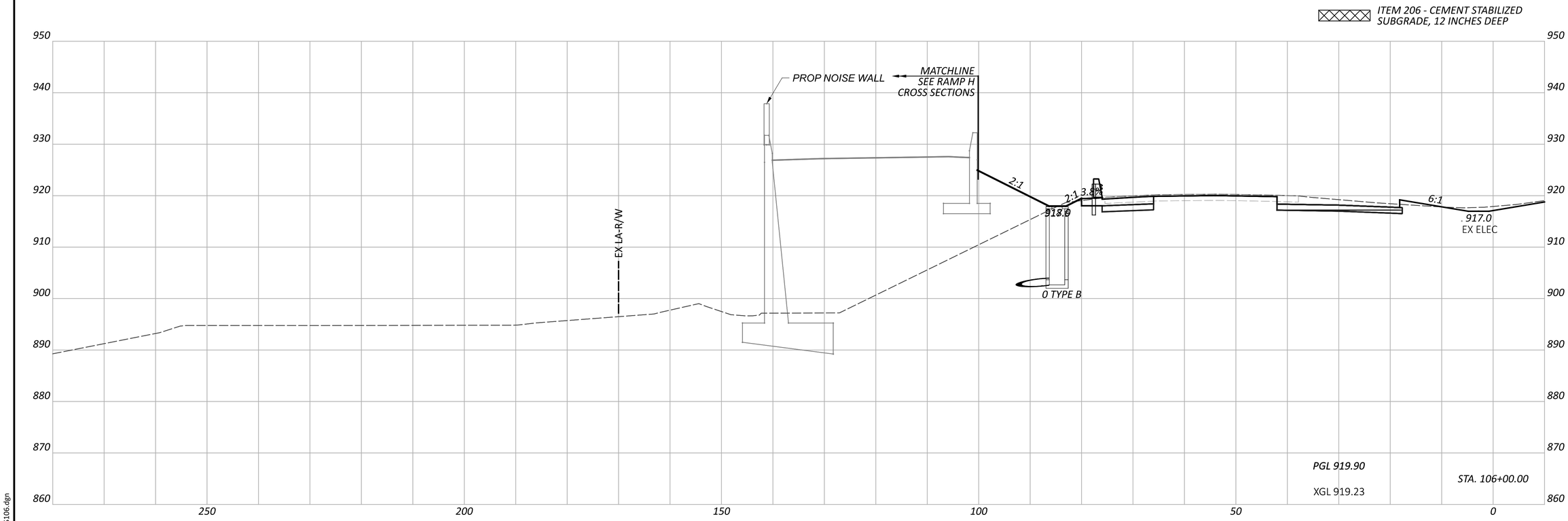
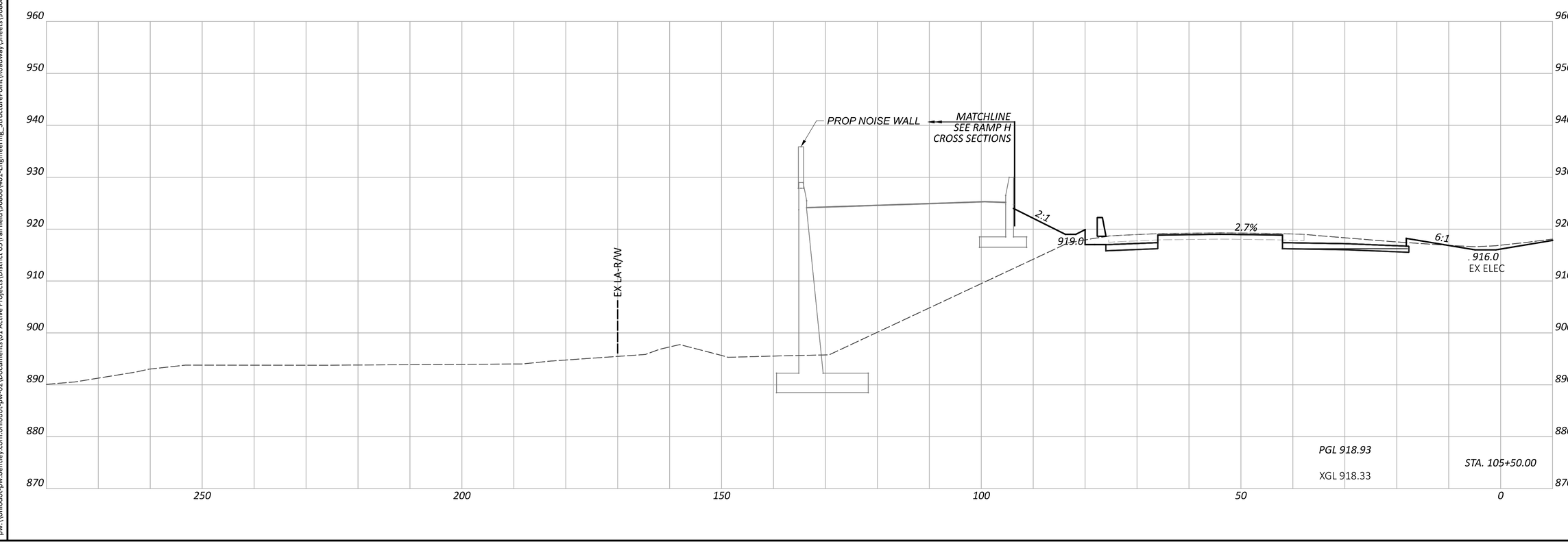
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0649
TOTAL	P.2024





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 WB
STA. 105+50.00 TO STA. 106+00.00

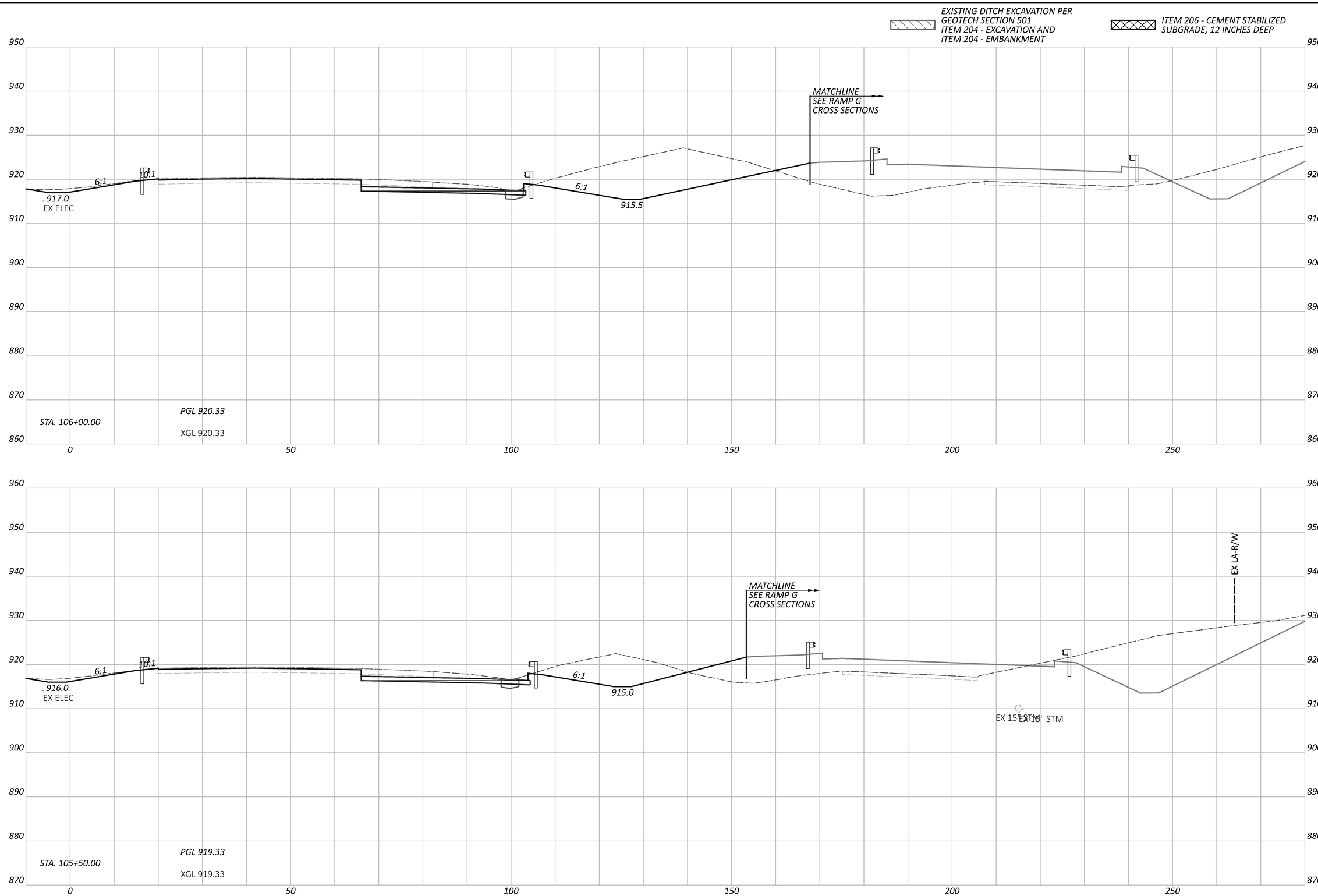
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0650 TOTAL P.2024



CROSS SECTIONS - IR 70 EB
STA. 105+50.00 TO STA. 106+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 105+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:47 AM USER: brieder
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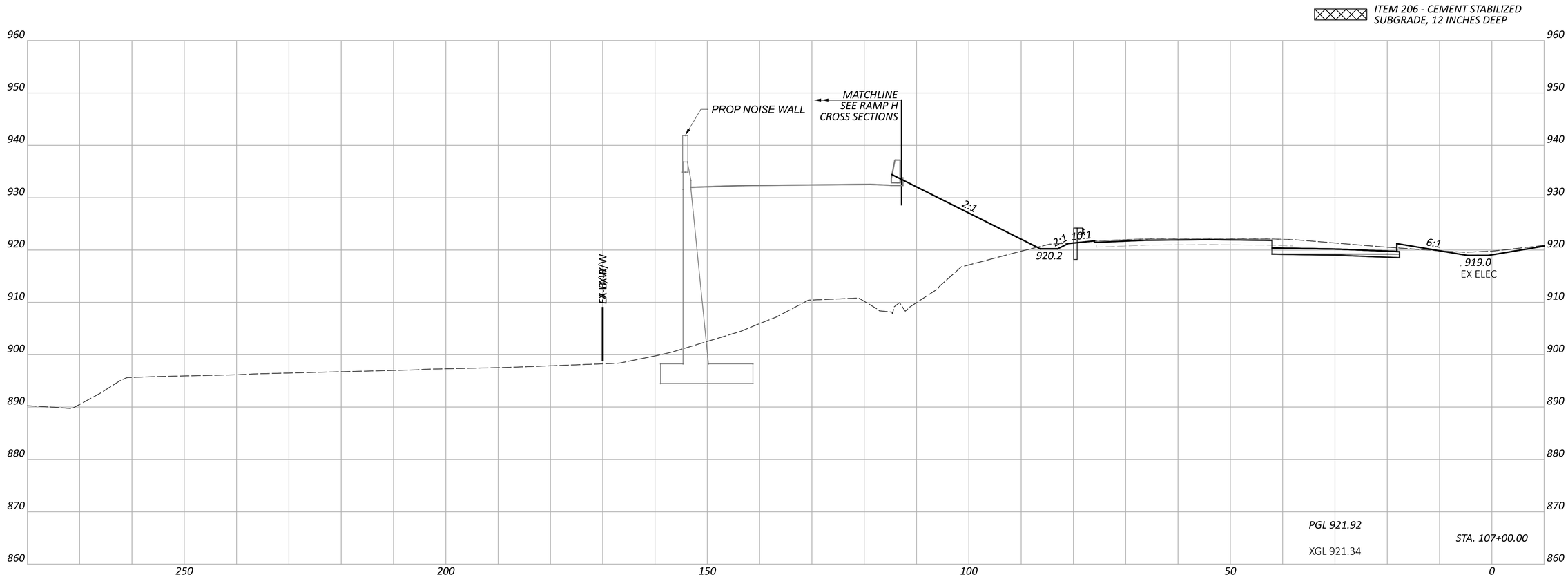
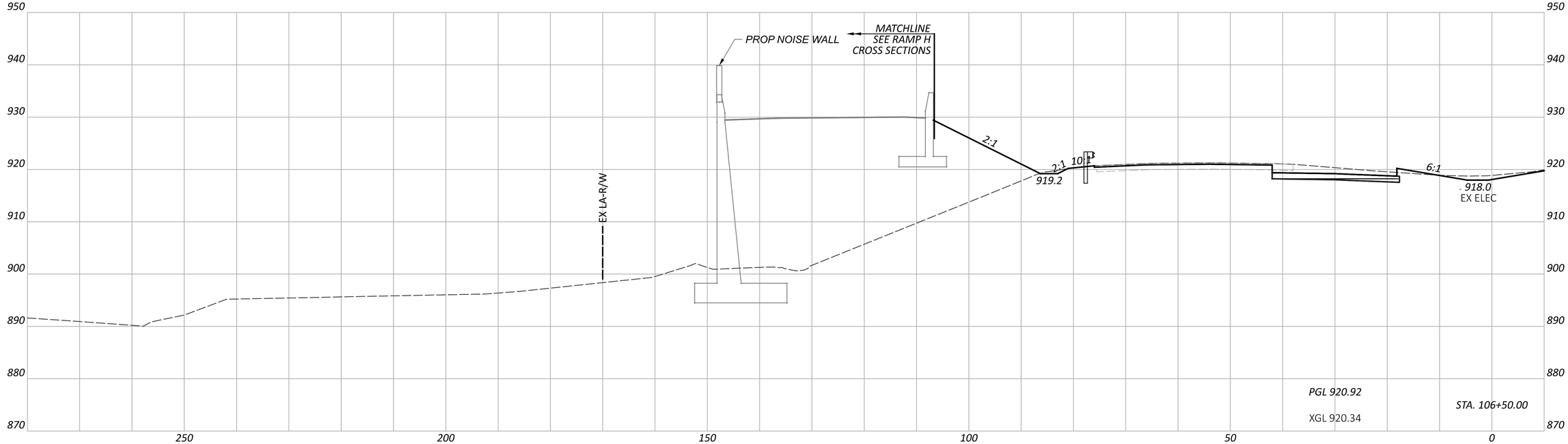
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0651
TOTAL	P.2024





CROSS SECTIONS - IR 70 WB
STA. 106+50.00 TO STA. 107+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 106+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:51 AM USER: brieder
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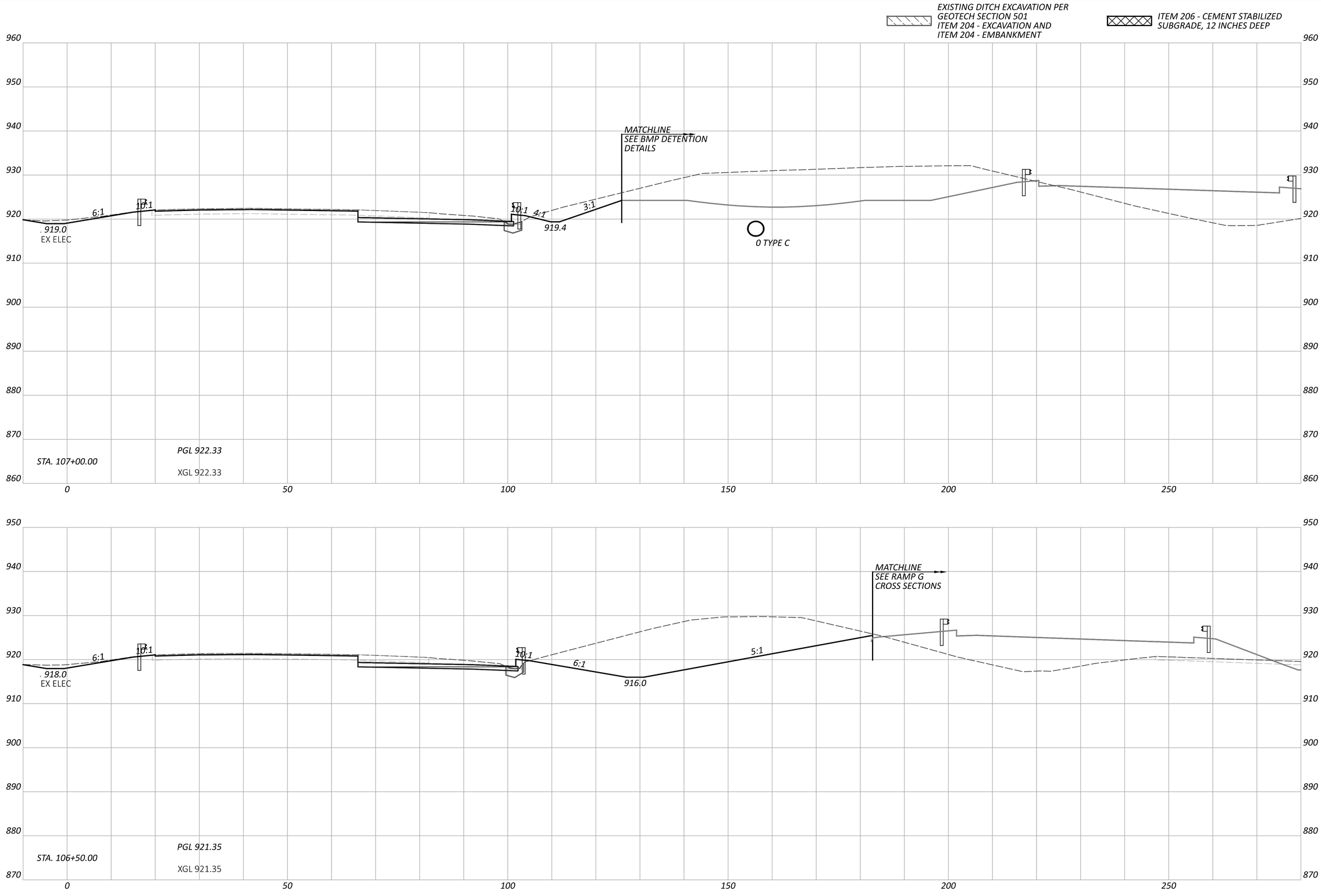
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0652 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - IR 70 EB
STA. 106+50.00 TO STA. 107+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

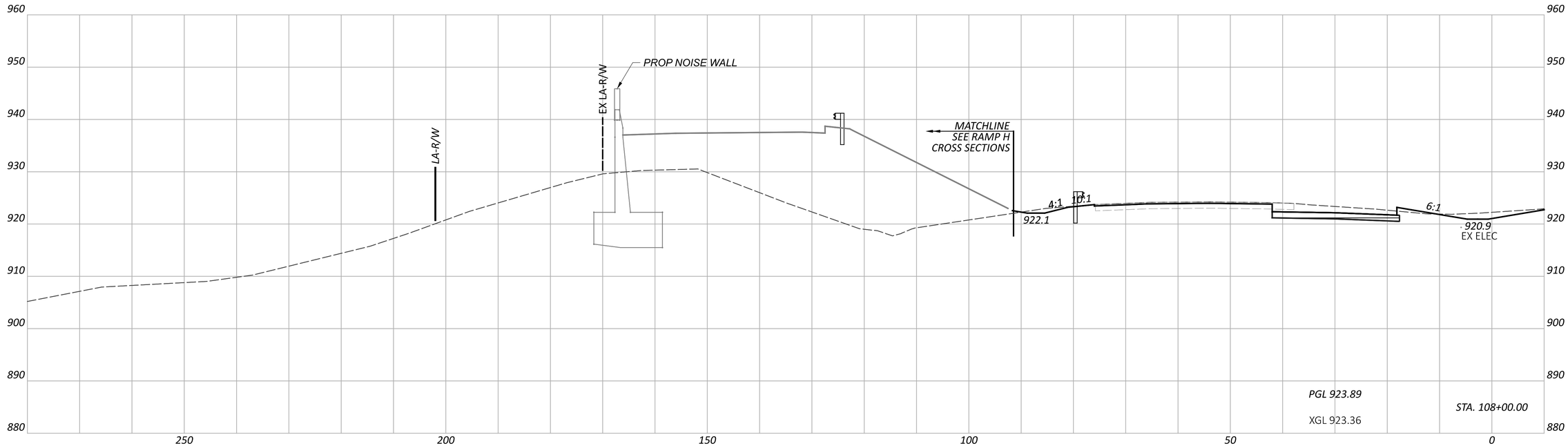
DESIGNER
BER

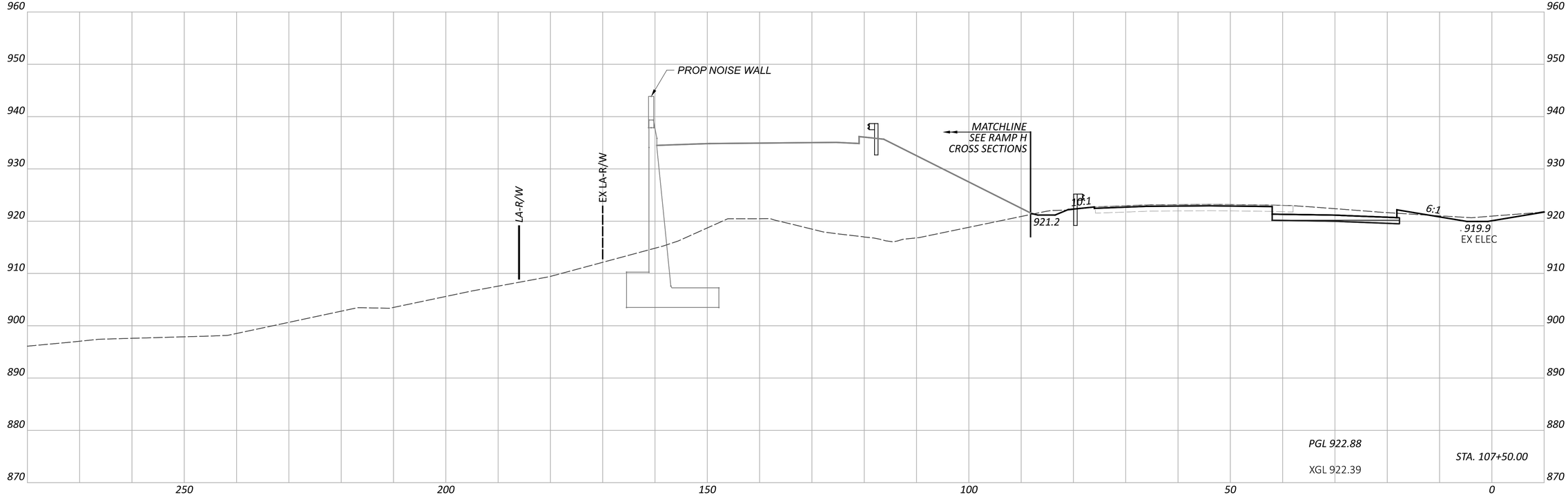
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0653 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 107+50.00 TO STA. 108+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 107+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:56 AM USER: brieder
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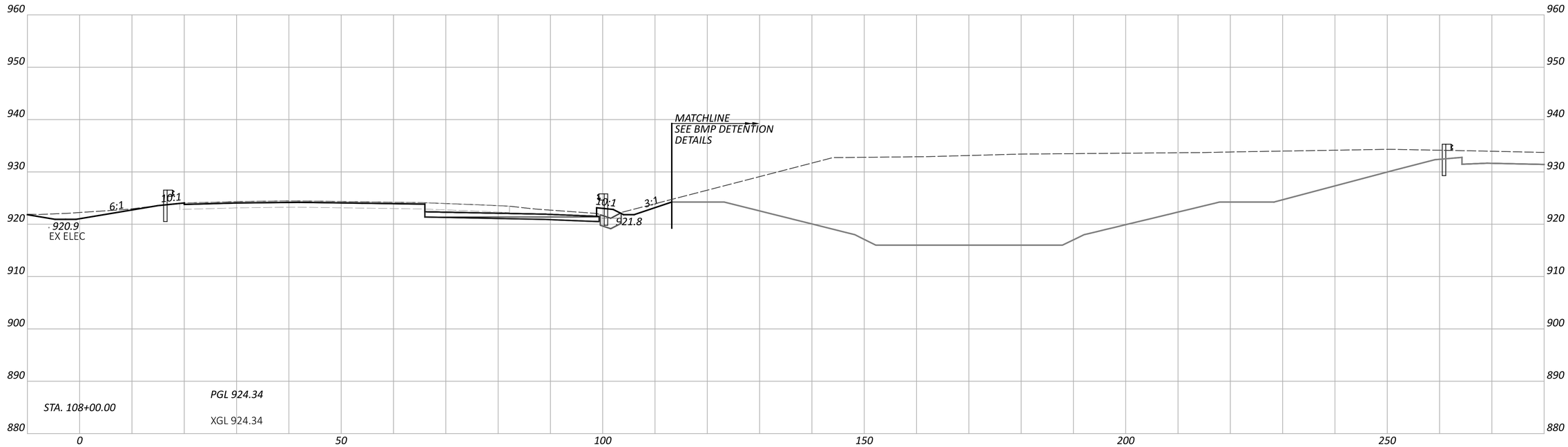
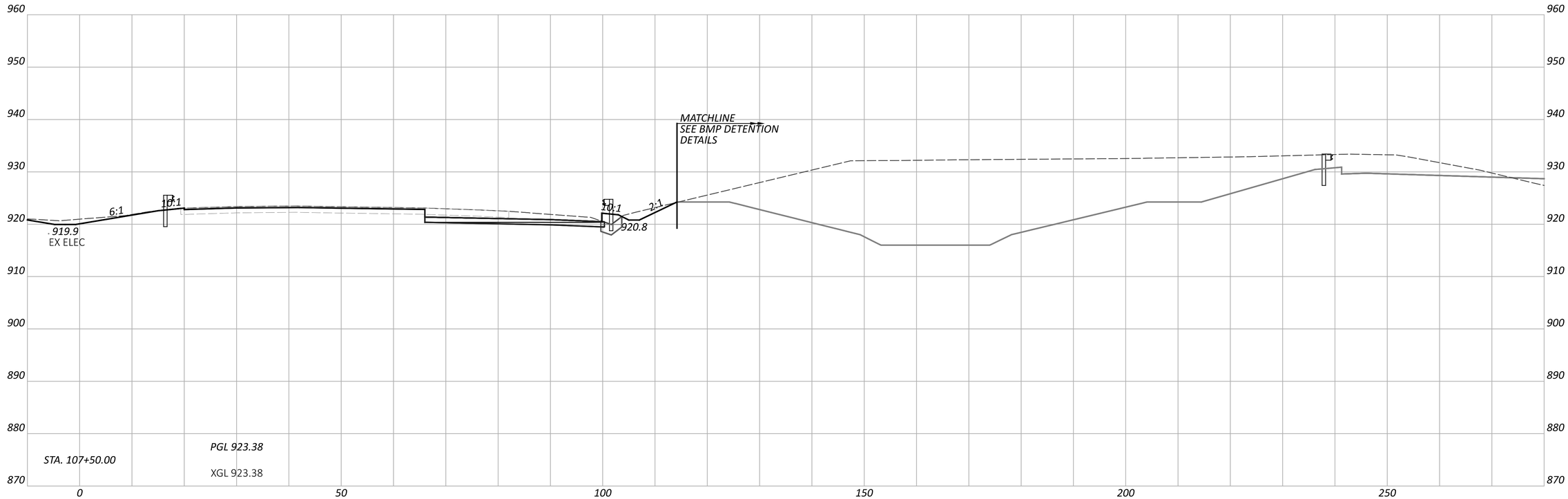
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0654
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 107+50.00 TO STA. 108+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 107+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:02:58 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

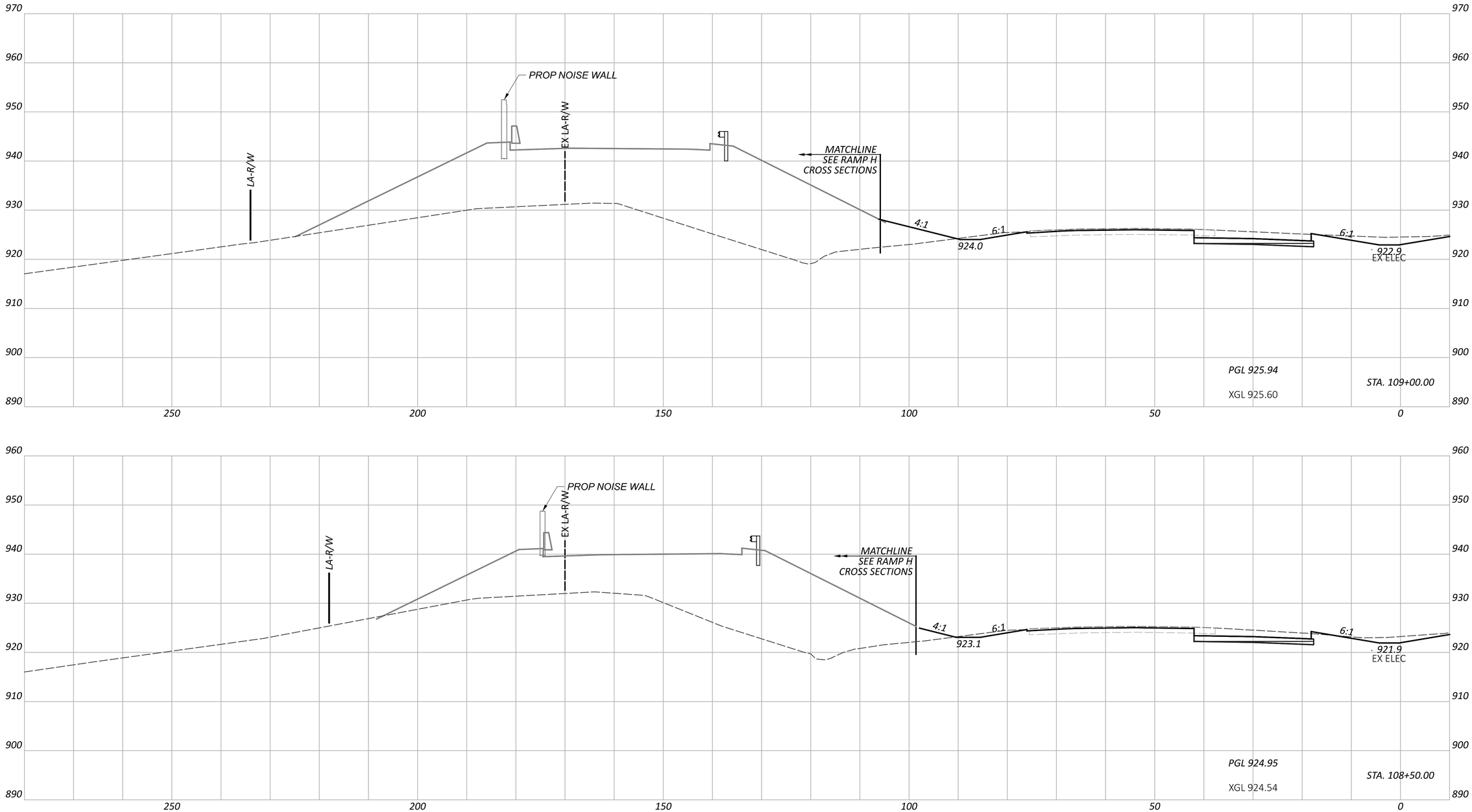
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0655 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 108+50.00 TO STA. 109+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 108+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:00 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

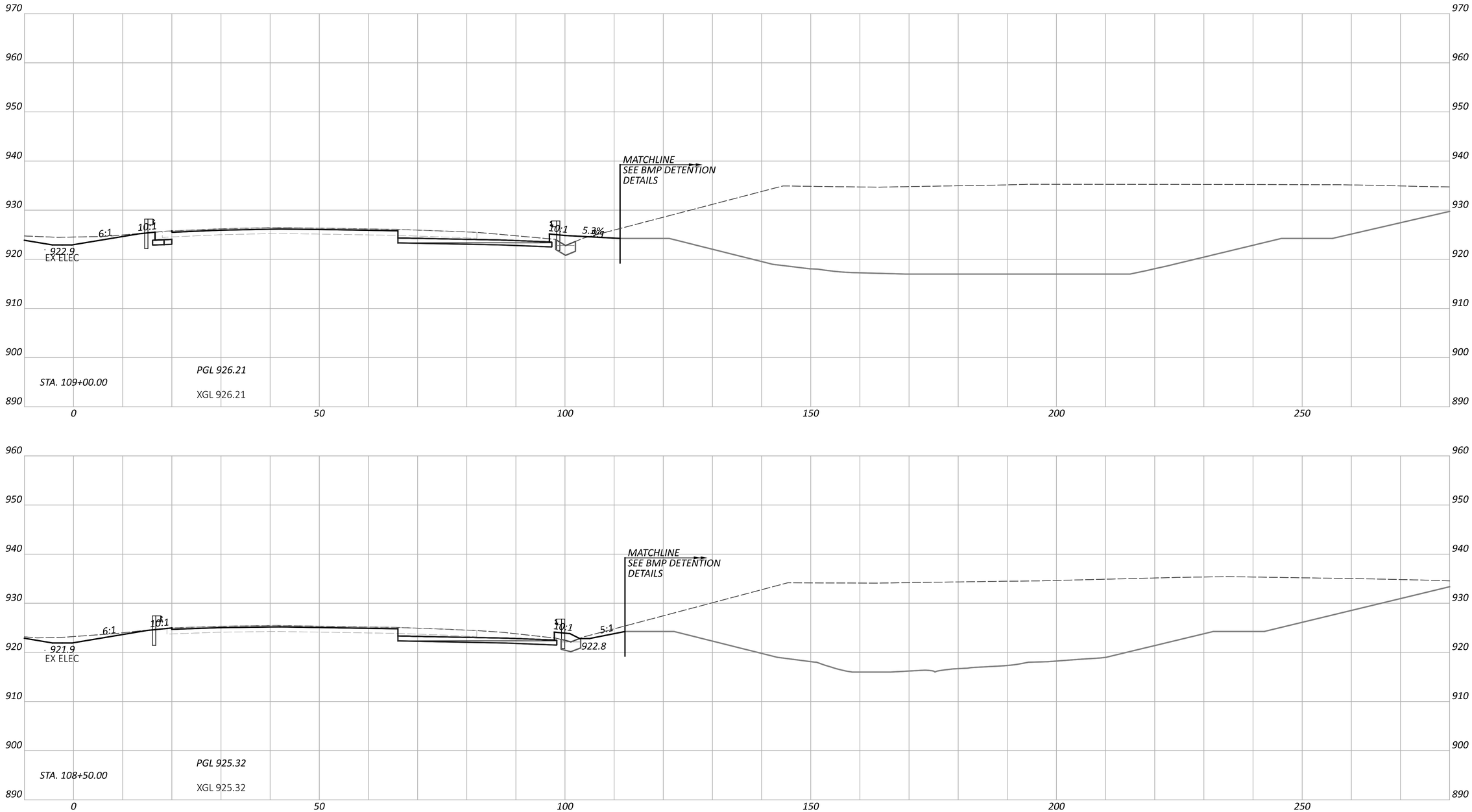
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0656 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 108+50.00 TO STA. 109+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 108+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:02 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

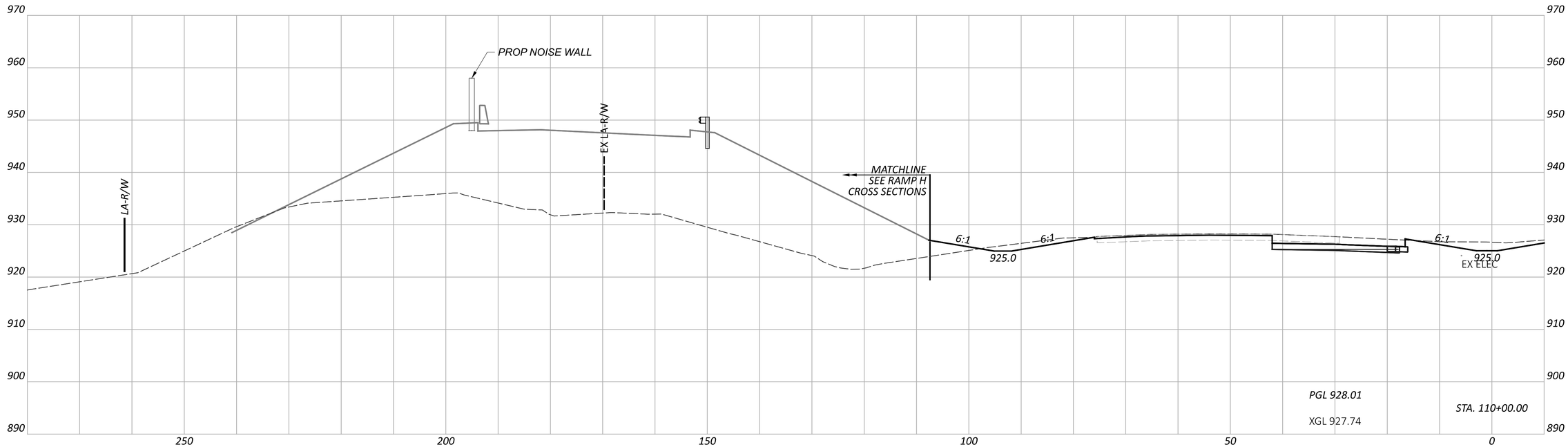
DESIGNER
BER

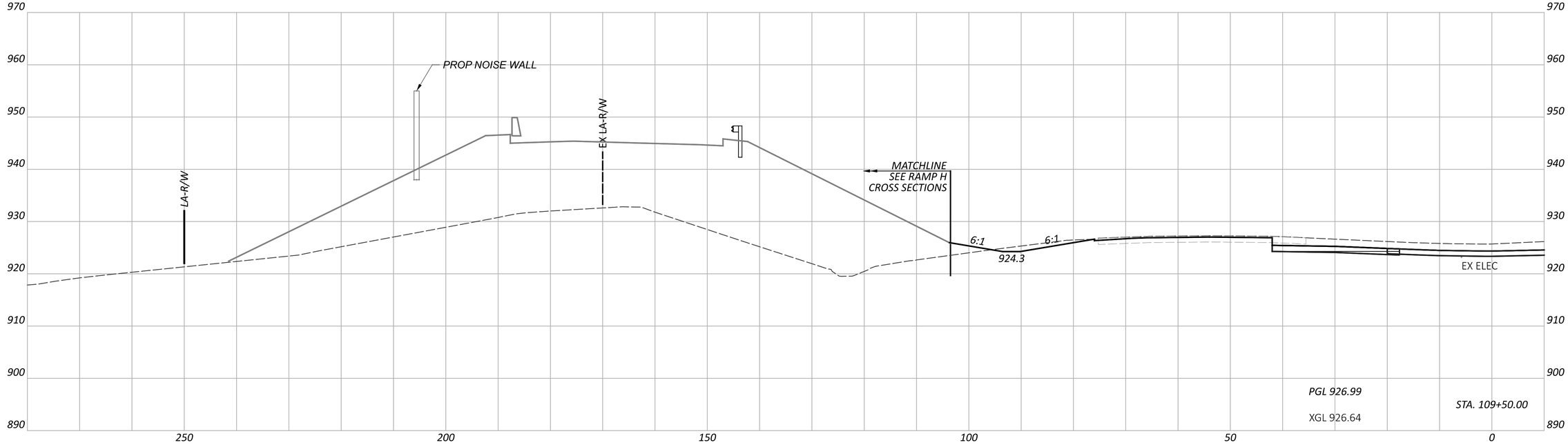
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0657 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 109+50.00 TO STA. 110+00.00

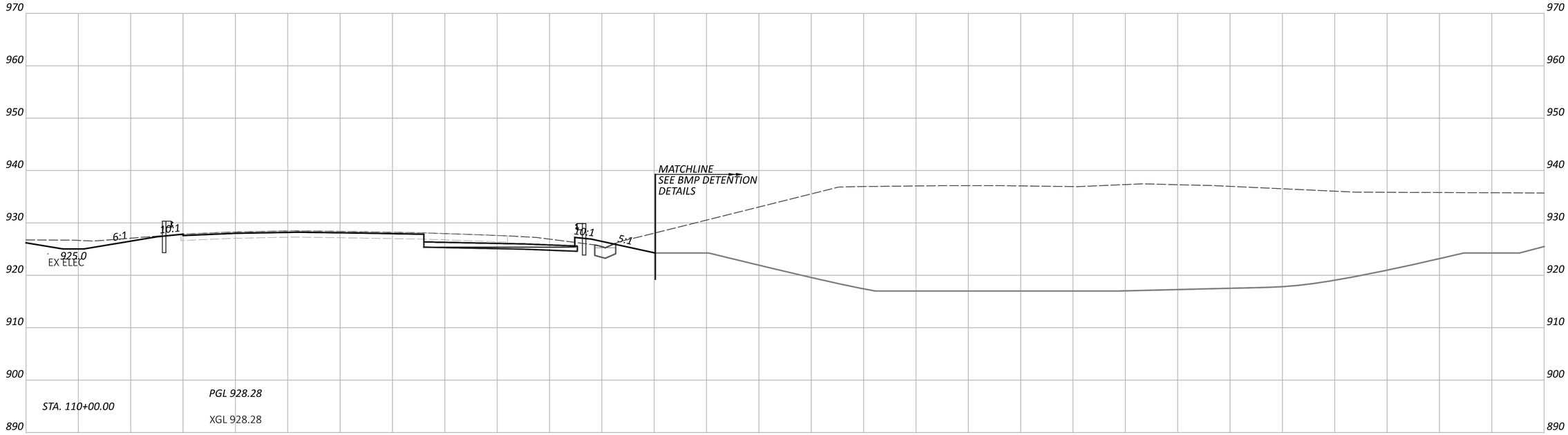
FAI/LIC-IR 70-0.00/0.00

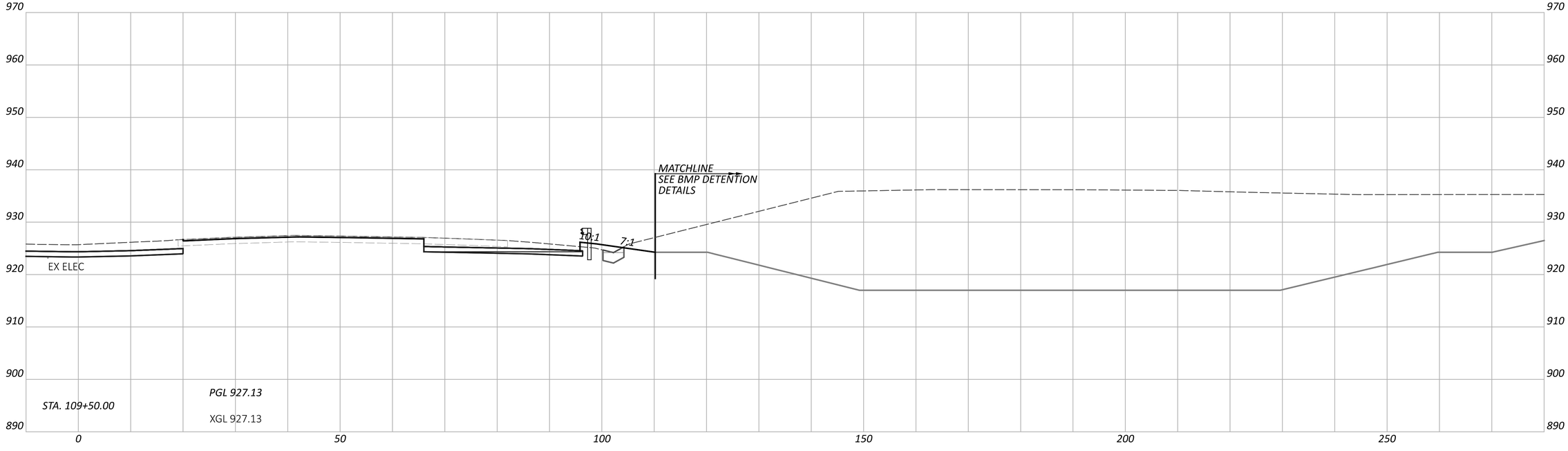
MODEL: CLP_I070_WB - A 109+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:04 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS106.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0658
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 109+50.00 TO STA. 110+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 109+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:06 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0659 TOTAL P.2024

CROSS SECTIONS - IR 70 WB
STA. 110+50.00 TO STA. 111+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 110+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:18 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

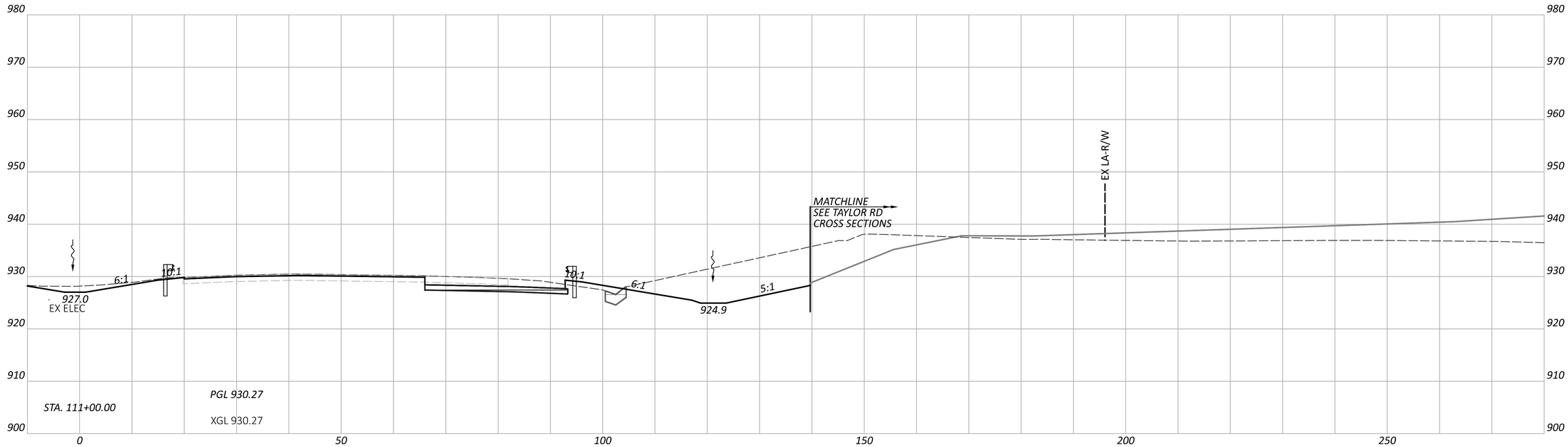
REVIEWER
KAM 08/07/26

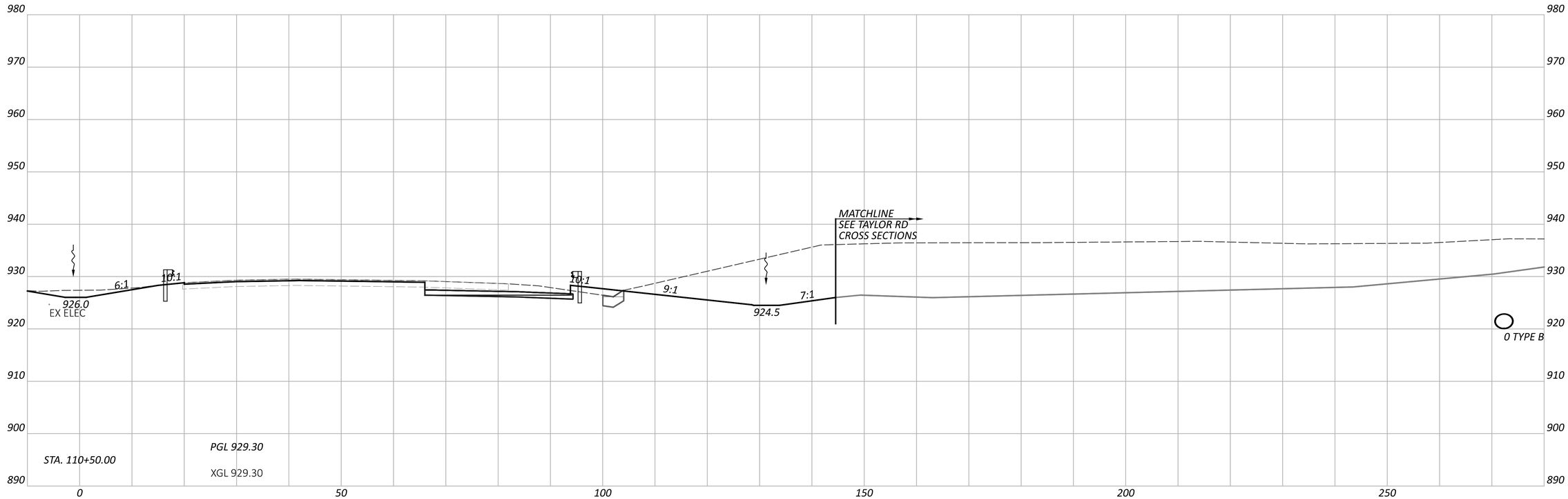
PROJECT ID
96808

SHEET P.0660 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 110+50.00 TO STA. 111+00.00

FAI/LIC-IR 70-0.00/0.00

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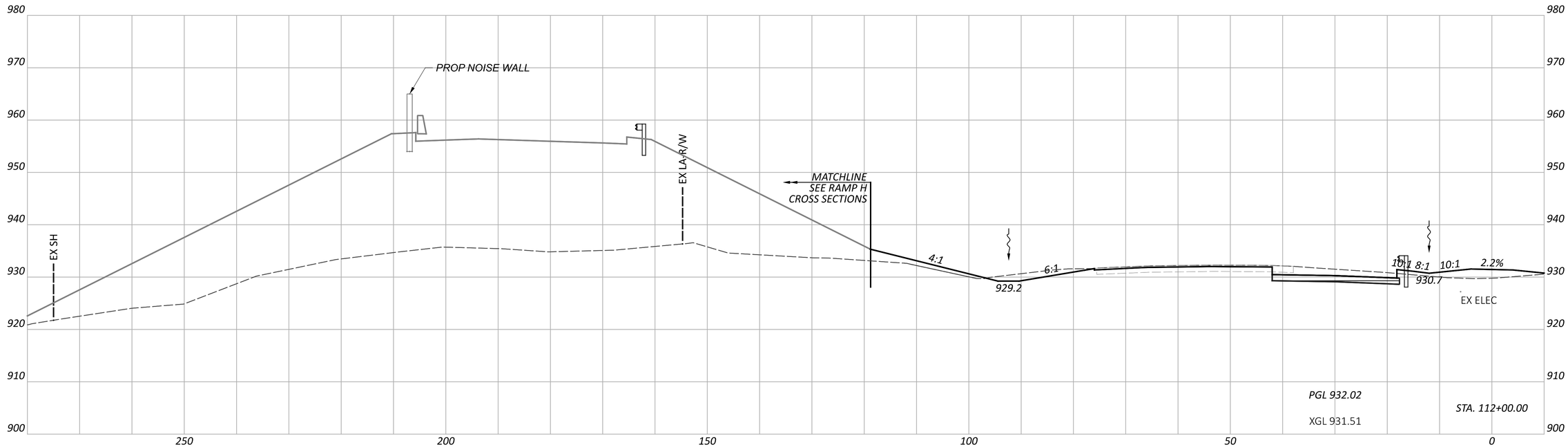
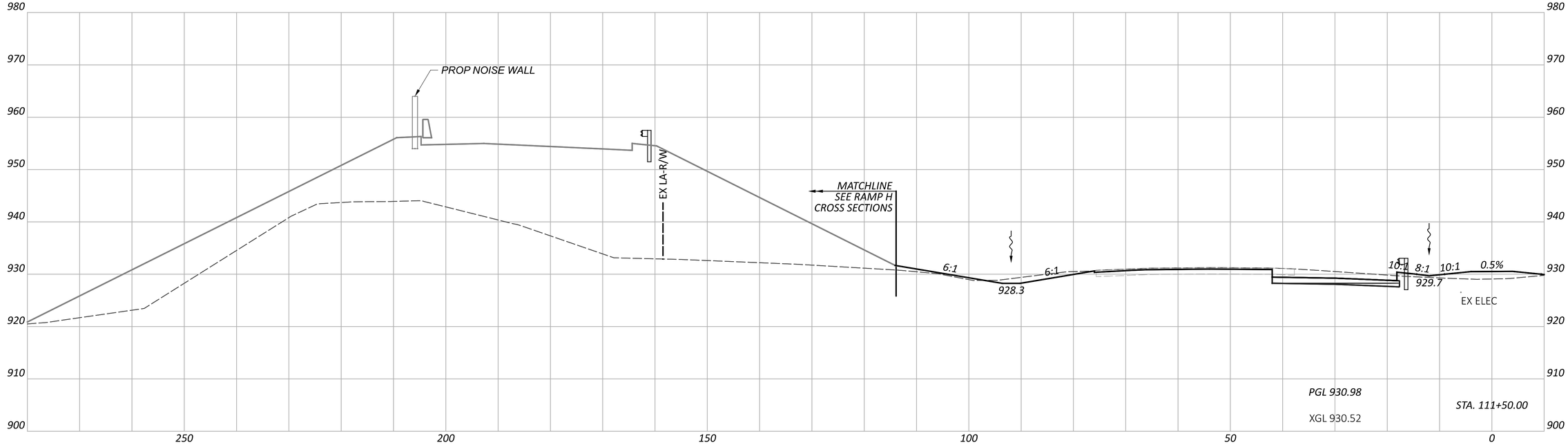
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0661 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 111+50.00 TO STA. 112+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

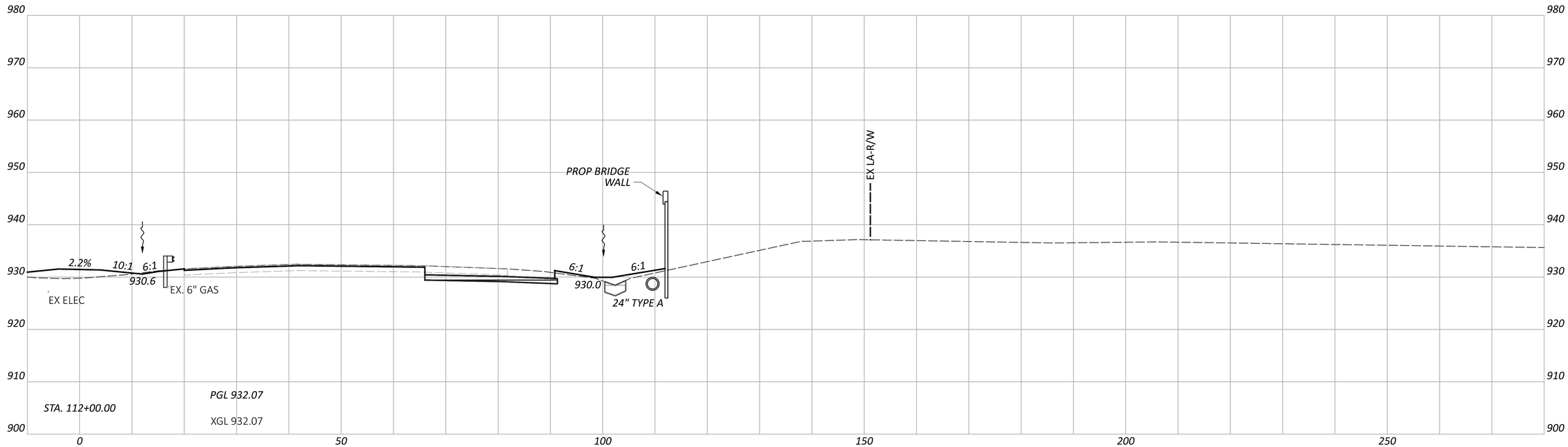
REVIEWER
KAM 08/07/26

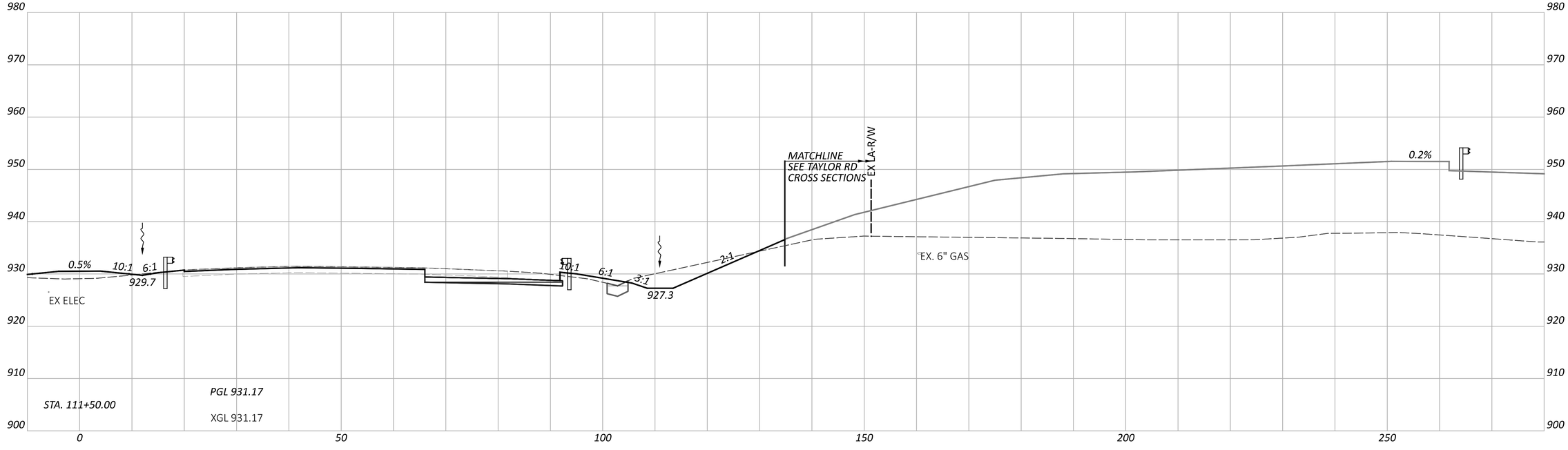
PROJECT ID
96808

SHEET P.0662 | TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 111+50.00 TO STA. 112+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0663 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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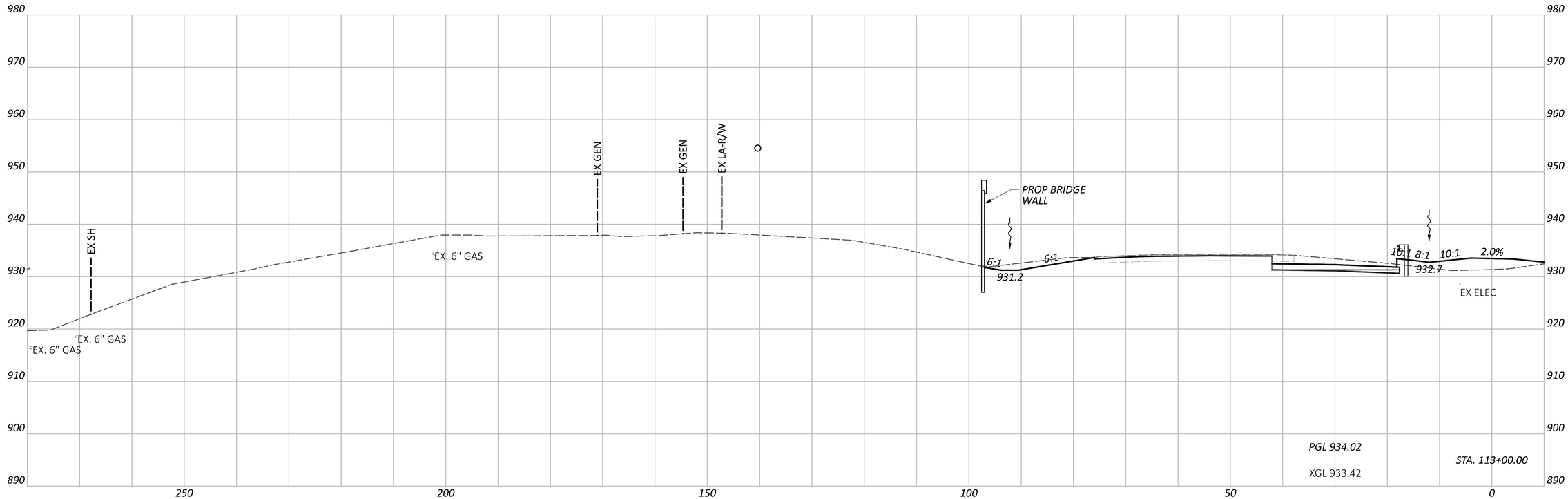
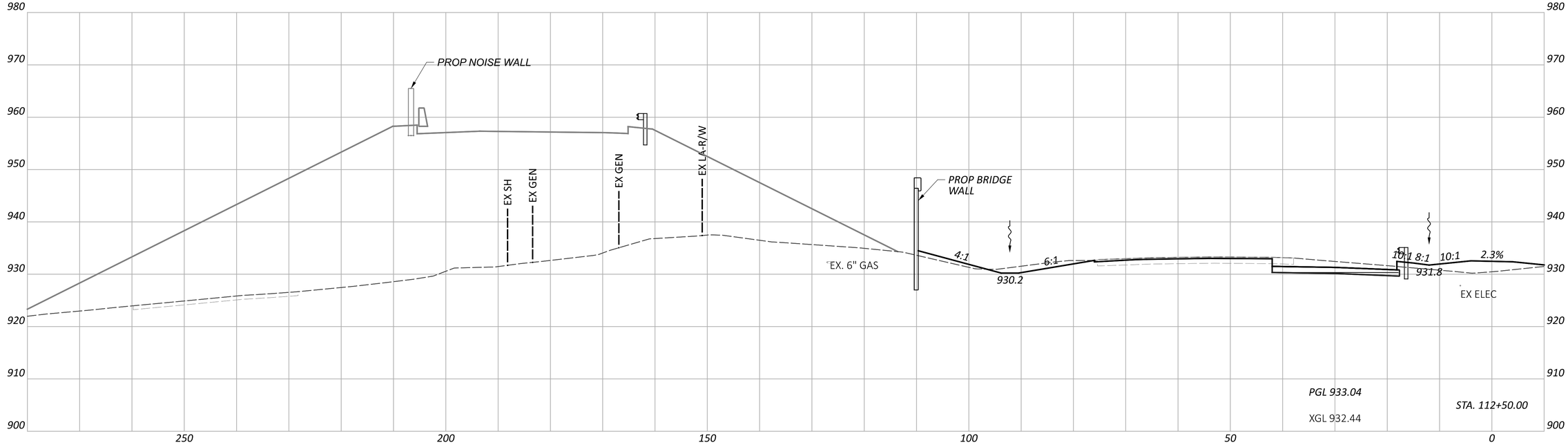
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 112+50.00 TO STA. 113+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

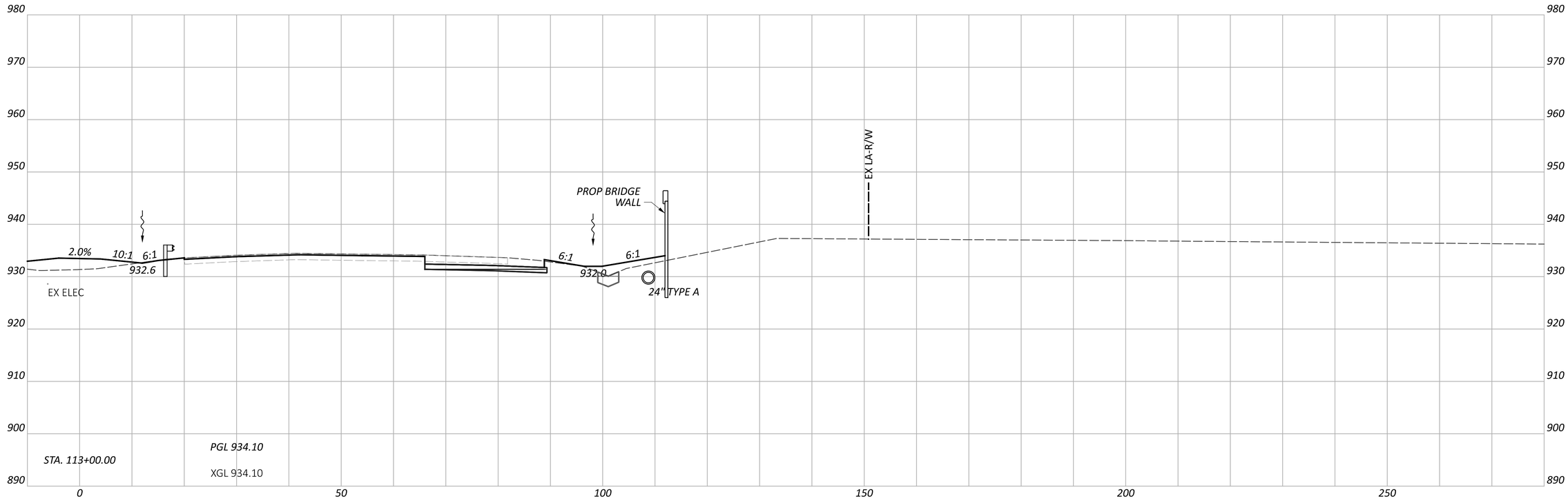
REVIEWER
KAM 08/07/26

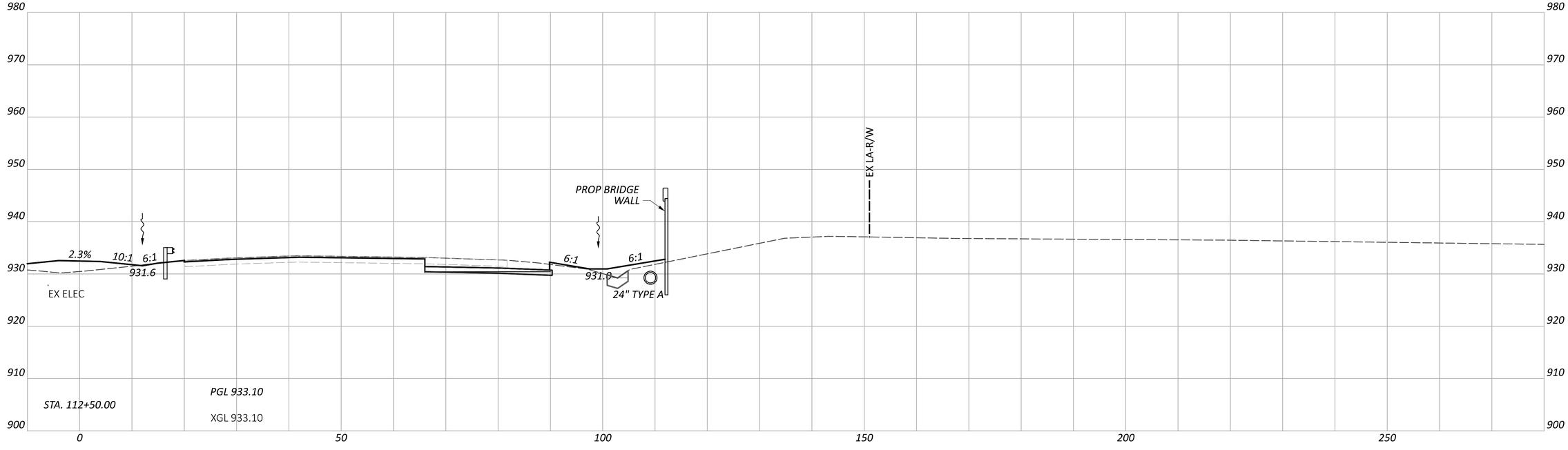
PROJECT ID
96808

SHEET P.0664 | TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - IR 70 EB
STA. 112+50.00 TO STA. 113+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0665 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 112+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:34 AM USER: brieder
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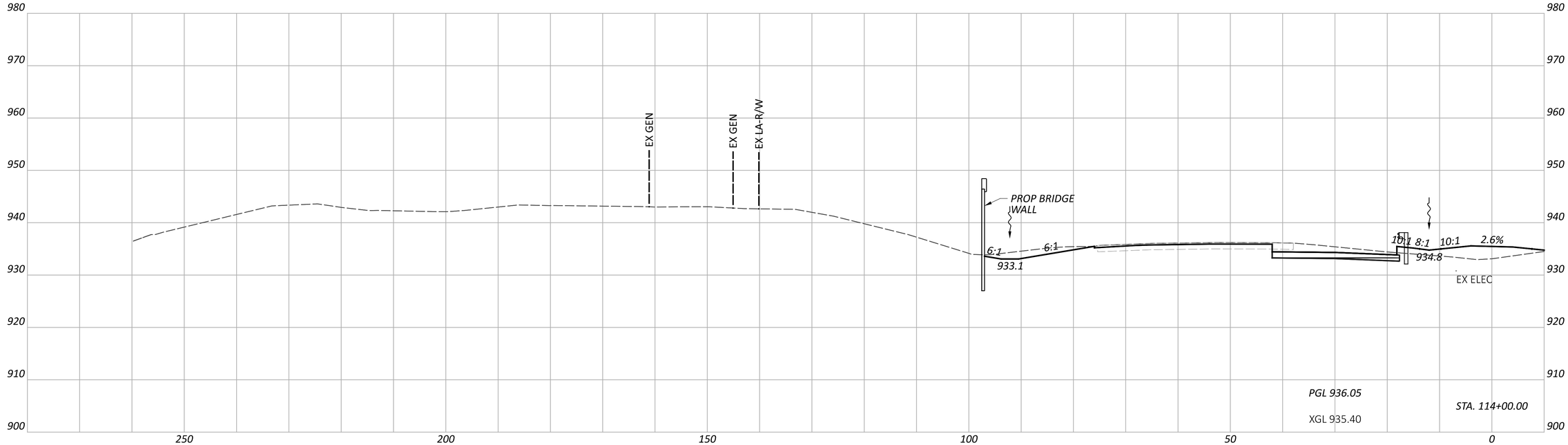
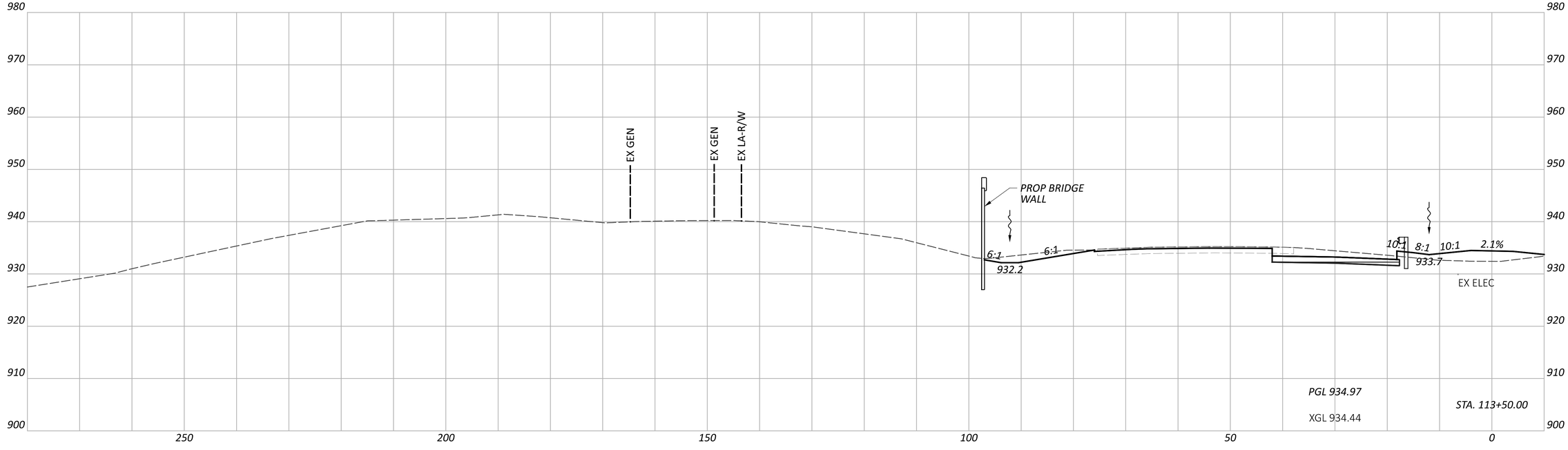
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 113+50.00 TO STA. 114+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 113+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:37 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

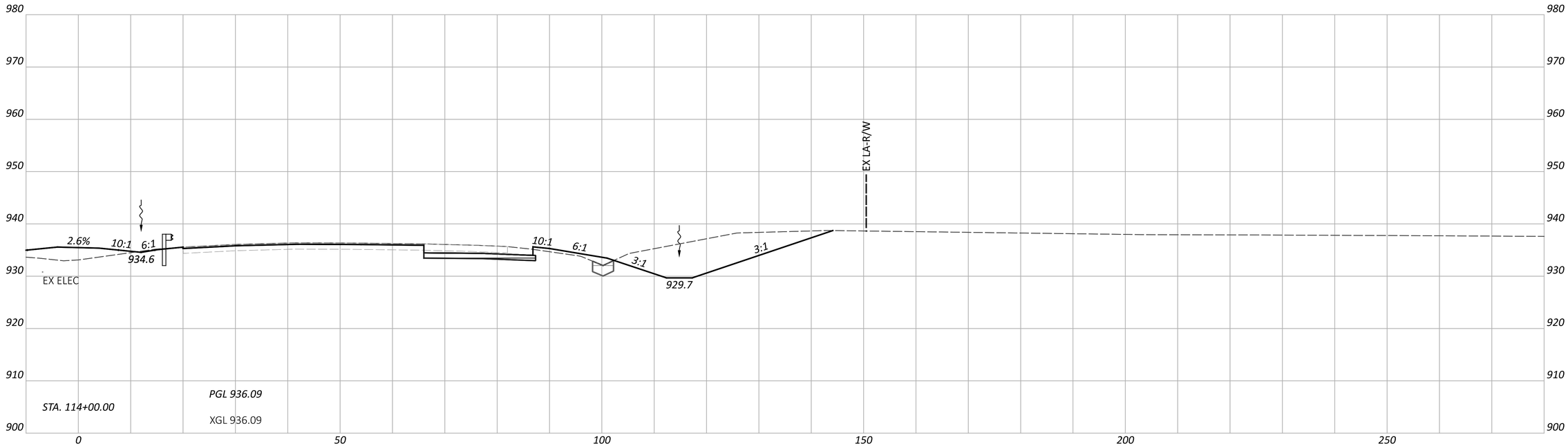
REVIEWER
KAM 08/07/26

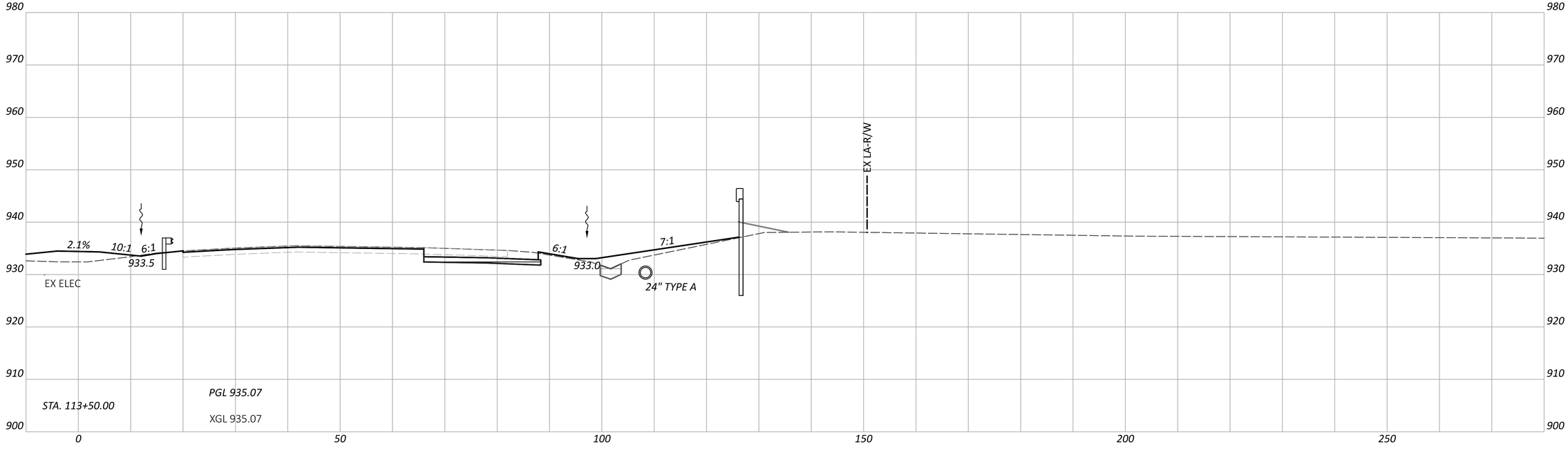
PROJECT ID
96808

SHEET P.0666 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 113+50.00 TO STA. 114+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0667 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 113+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:39 AM USER: brieder
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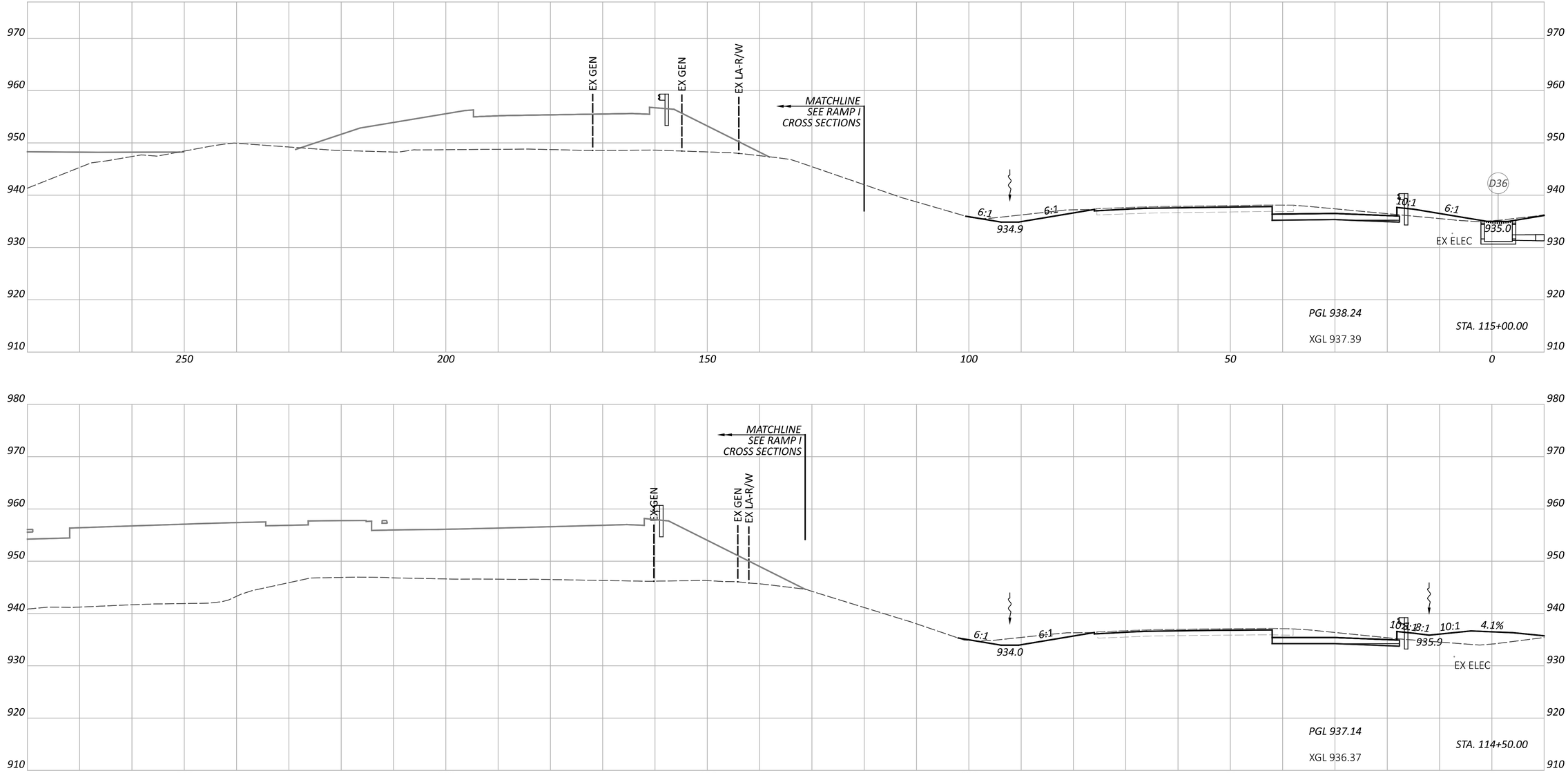
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 WB
STA. 114+50.00 TO STA. 115+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0668 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 114+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:41 AM USER: brieder
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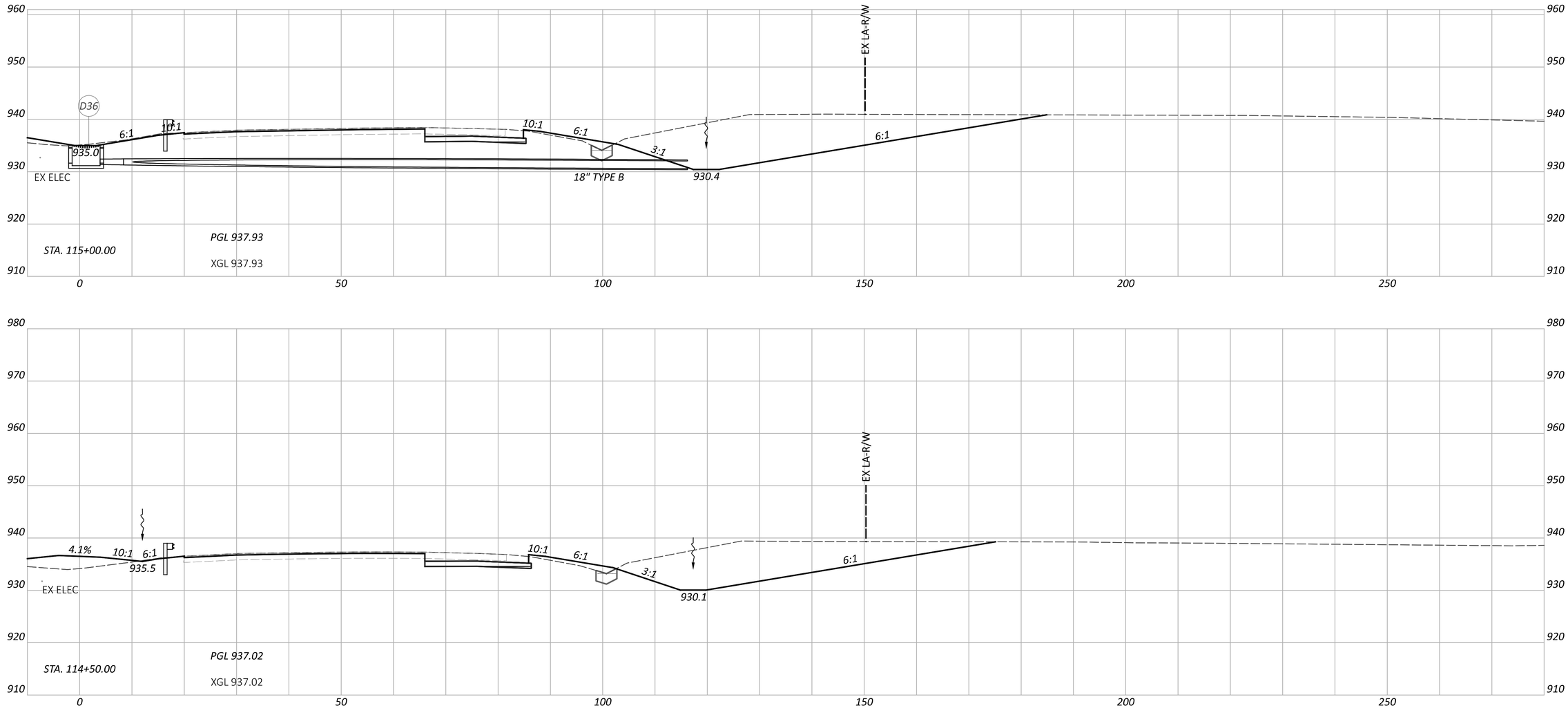
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - IR 70 EB
STA. 114+50.00 TO STA. 115+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0669 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 114+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:44 AM USER: brieder
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ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

980
970
960
950
940
930
920
910

EX GEN
EX GEN
EX LA-R/W
MATCHLINE SEE RAMP I CROSS SECTIONS
6:1
6:1
6:1
936.5
936.8
EX ELEC
PGL 940.42
XGL 939.38
STA. 116+00.00
250
200
150
100
50
0

980
970
960
950
940
930
920
910

EX GEN
EX GEN
EX LA-R/W
MATCHLINE SEE RAMP I CROSS SECTIONS
6:1
6:1
6:1
935.7
936.1
EX ELEC
PGL 939.33
XGL 938.33
STA. 115+50.00
250
200
150
100
50
0

CROSS SECTIONS - IR 70 WB
STA. 115+50.00 TO STA. 116+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0670
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 115+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:48 AM USER: brieder
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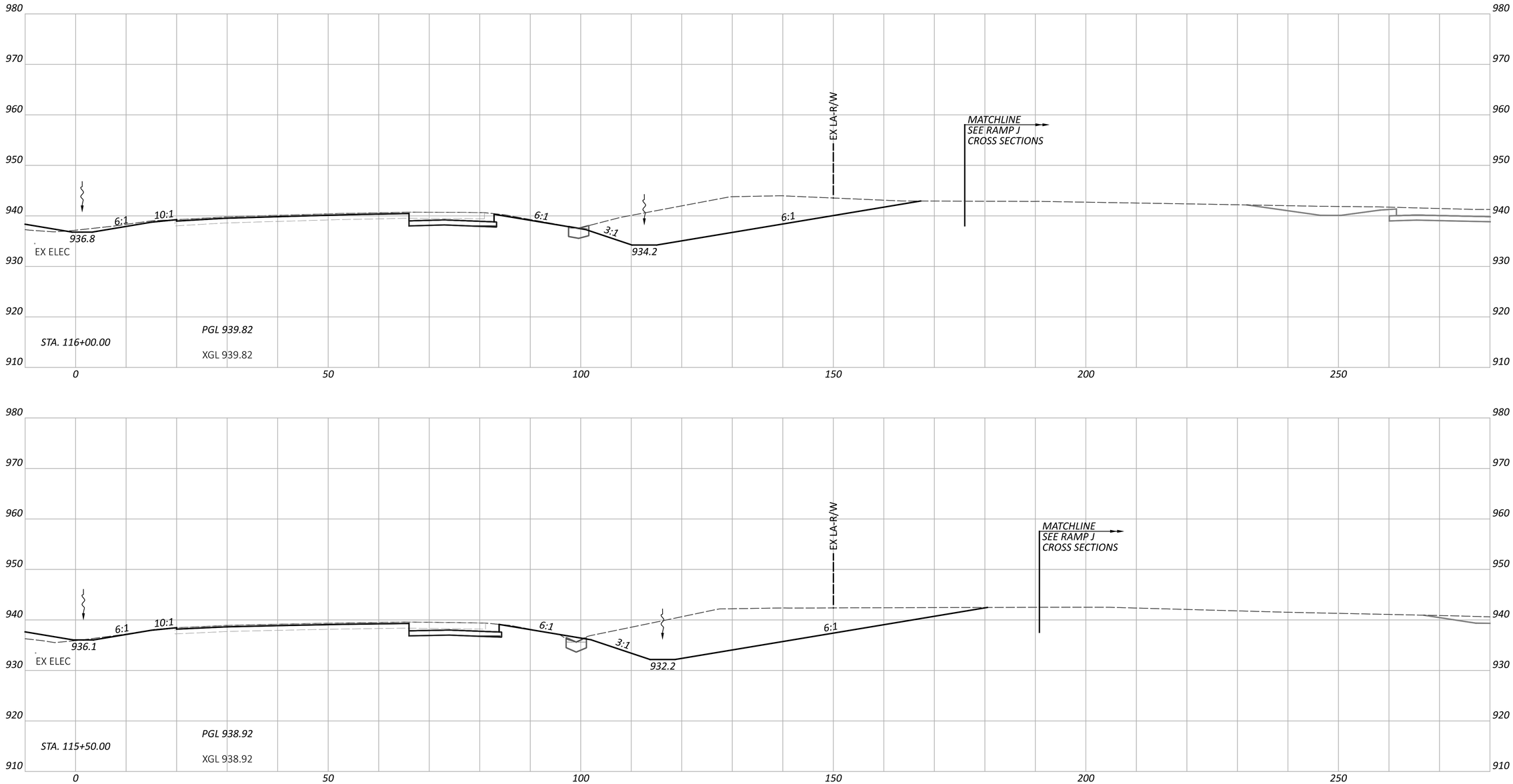
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 115+50.00 TO STA. 116+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0671 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 115+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:53 AM USER: brieder
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ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 116+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:56 AM USER: brieder
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CROSS SECTIONS - IR 70 WB
STA. 116+50.00 TO STA. 117+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

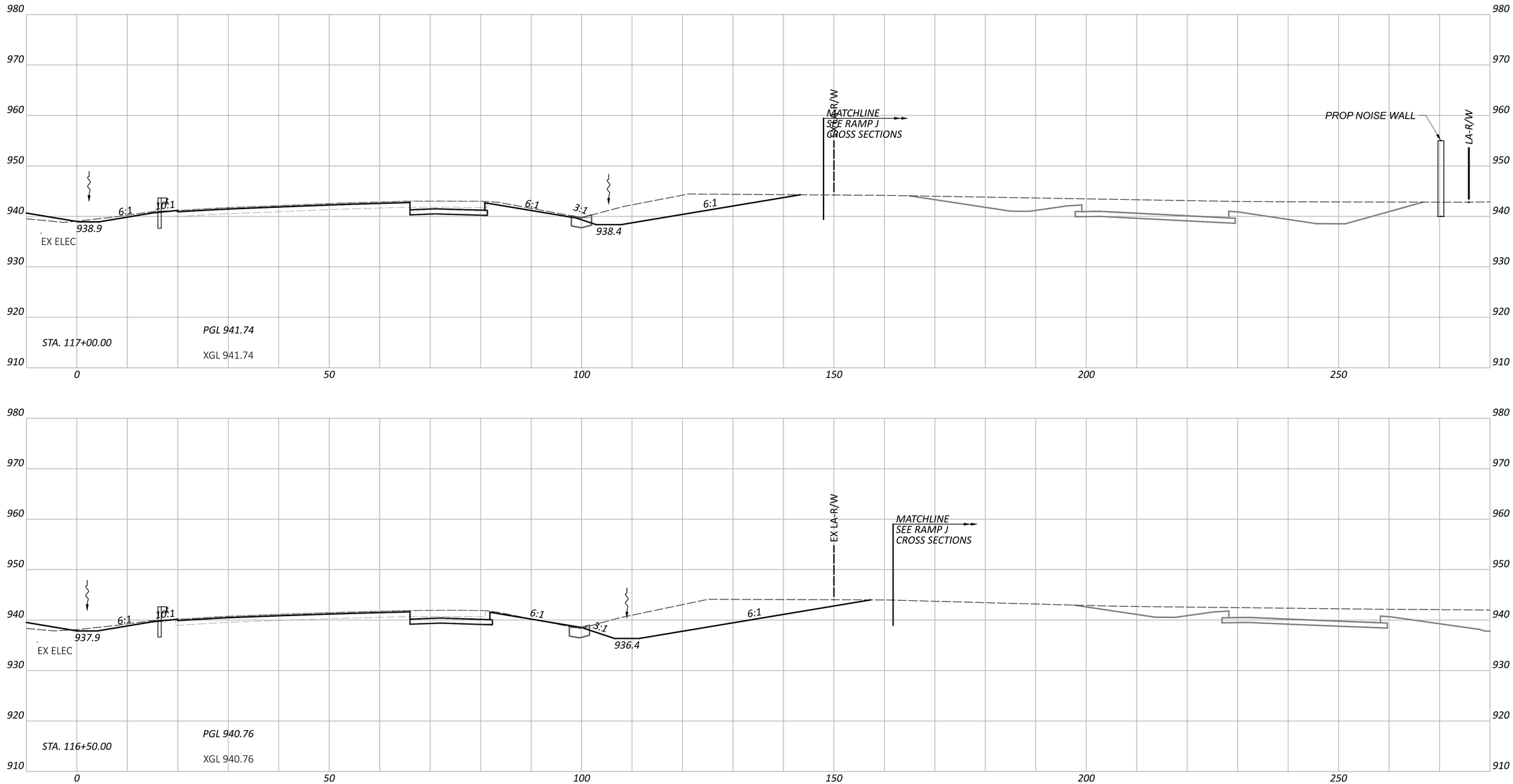
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0672 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 116+50.00 TO STA. 117+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 116+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:01 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

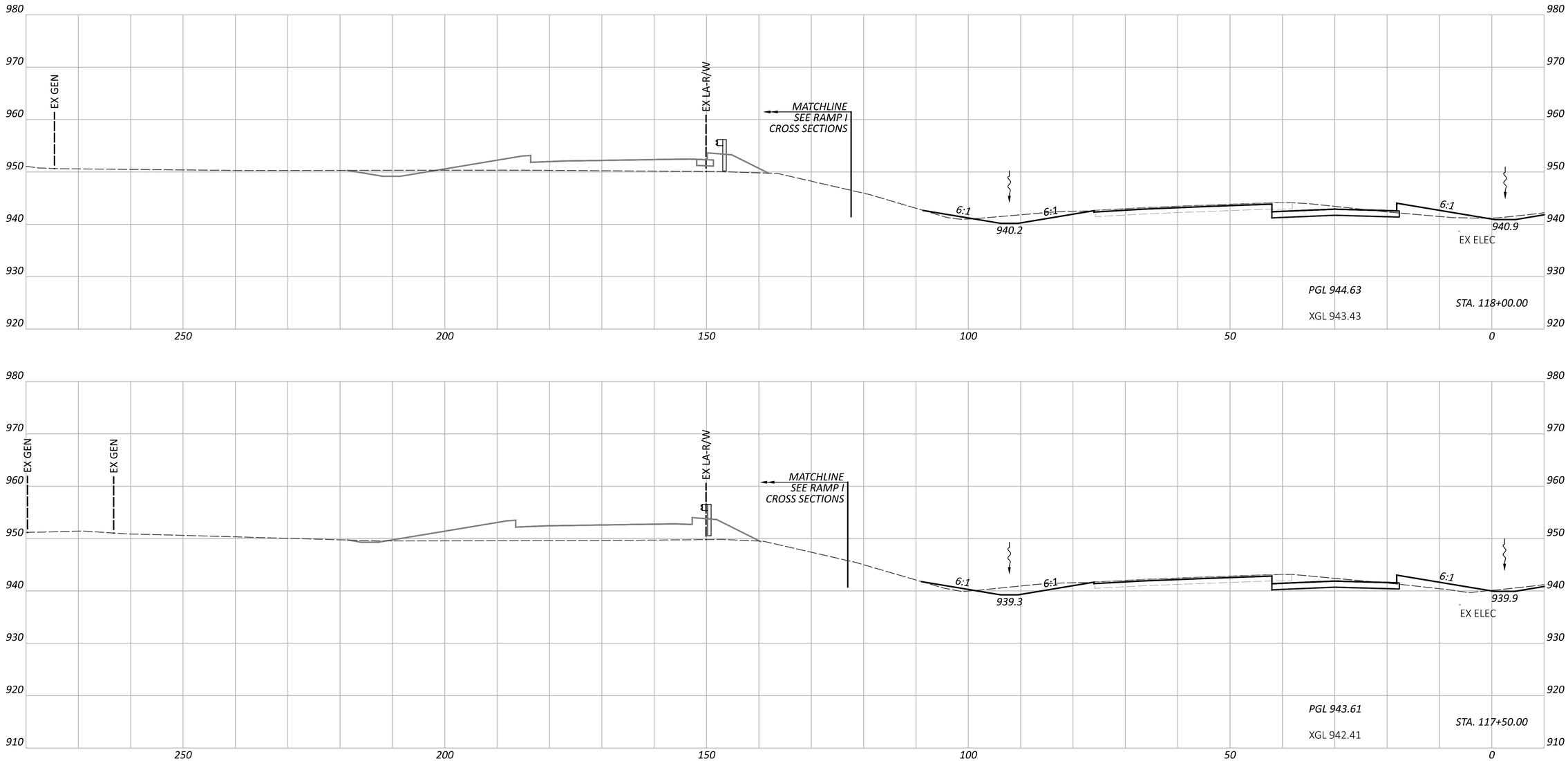
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0673 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 117+50.00 TO STA. 118+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0674
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 117+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:05 AM USER: brieder
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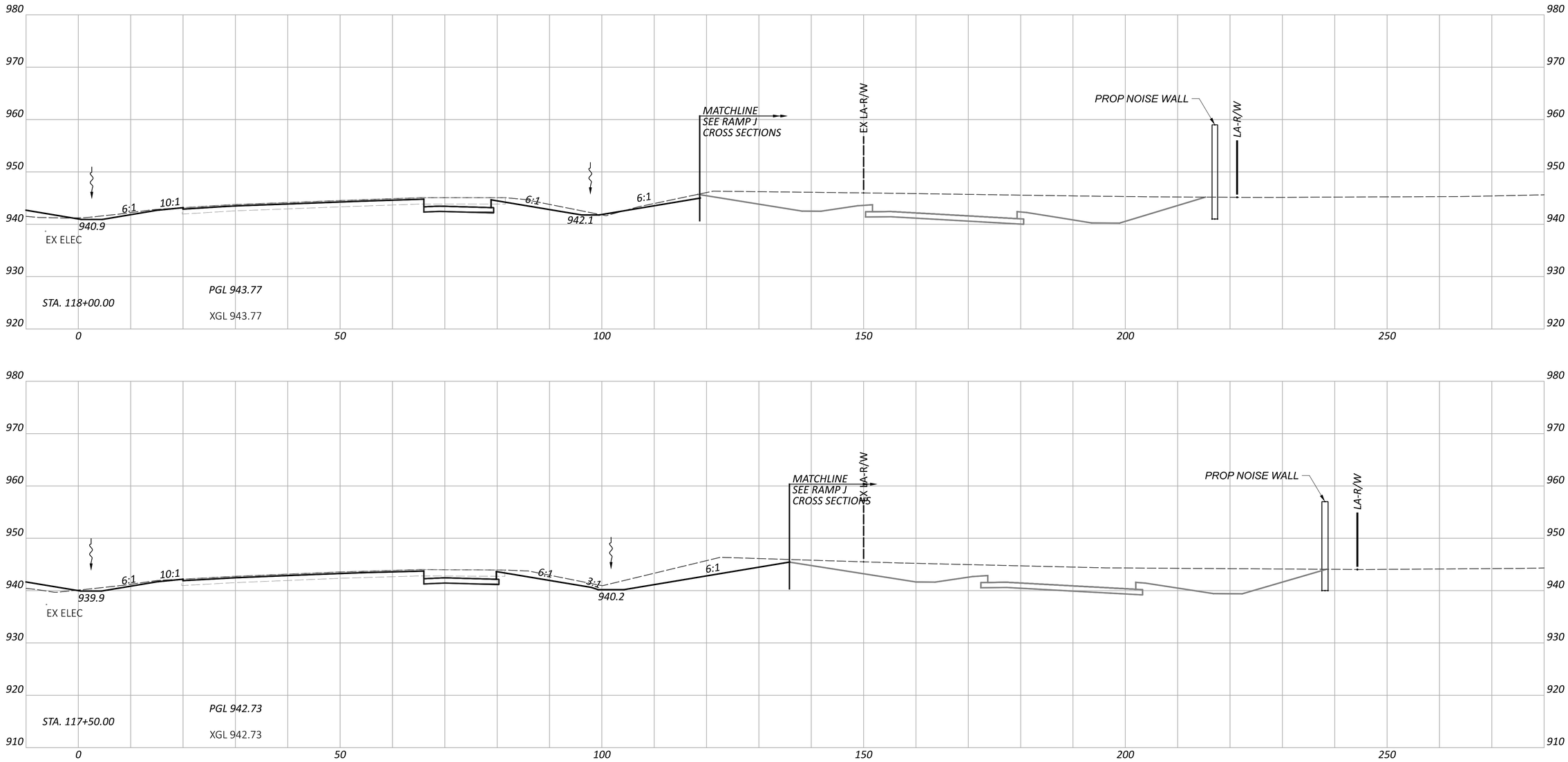
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 117+50.00 TO STA. 118+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0675 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 117+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:10 AM USER: brieder
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ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CROSS SECTIONS - IR 70 WB
STA. 118+50.00 TO STA. 119+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 118+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:14 AM USER: brieder
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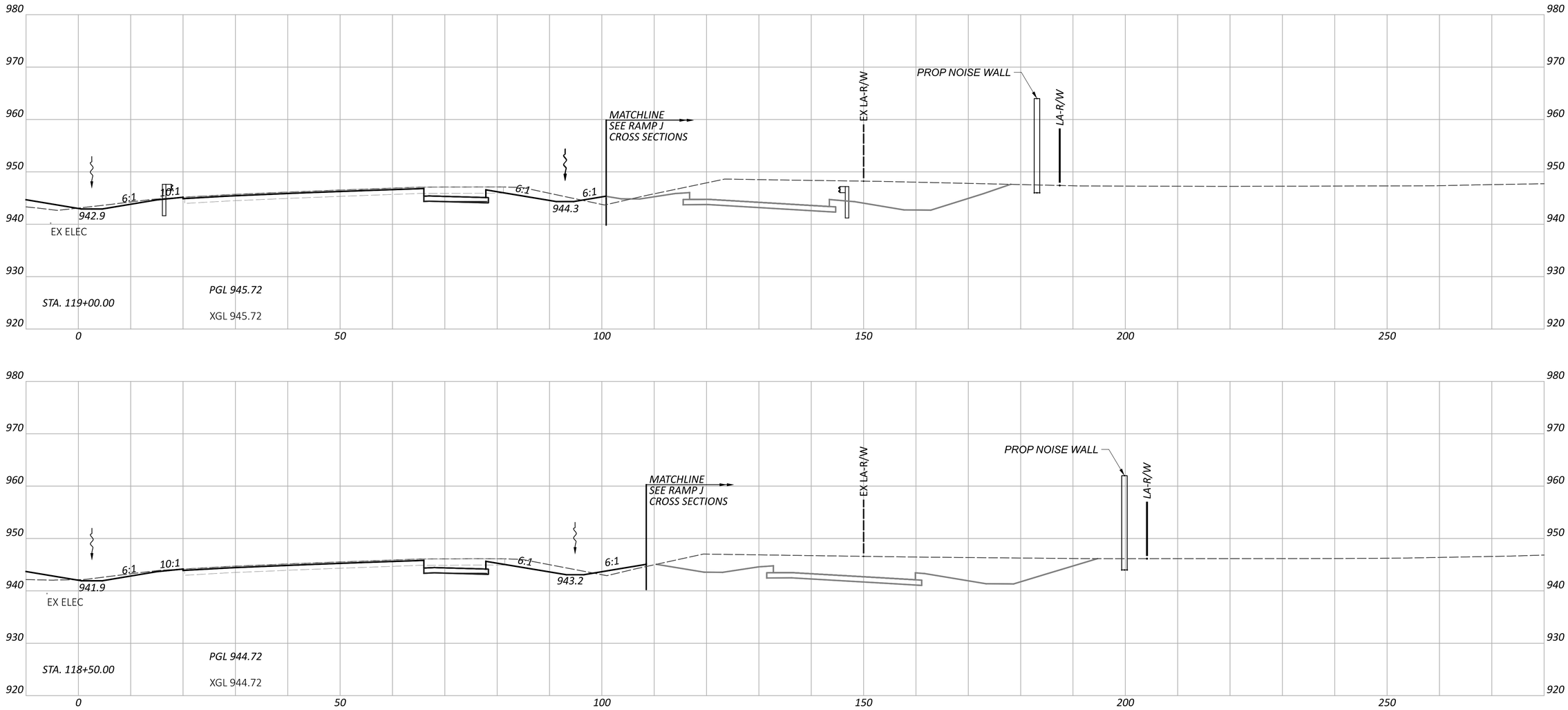
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0676
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 118+50.00 TO STA. 119+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 118+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:18 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

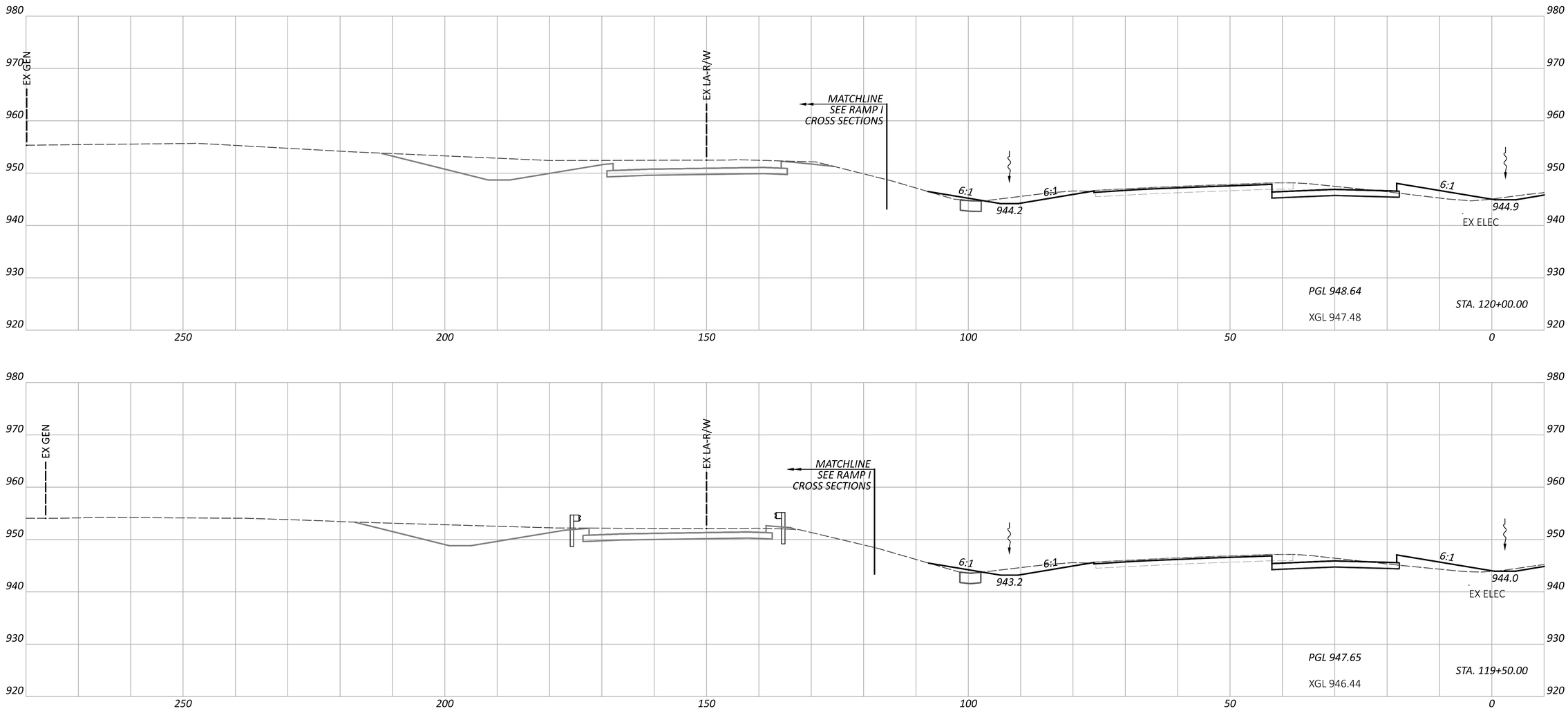
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0677 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 119+50.00 TO STA. 120+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 119+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:22 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

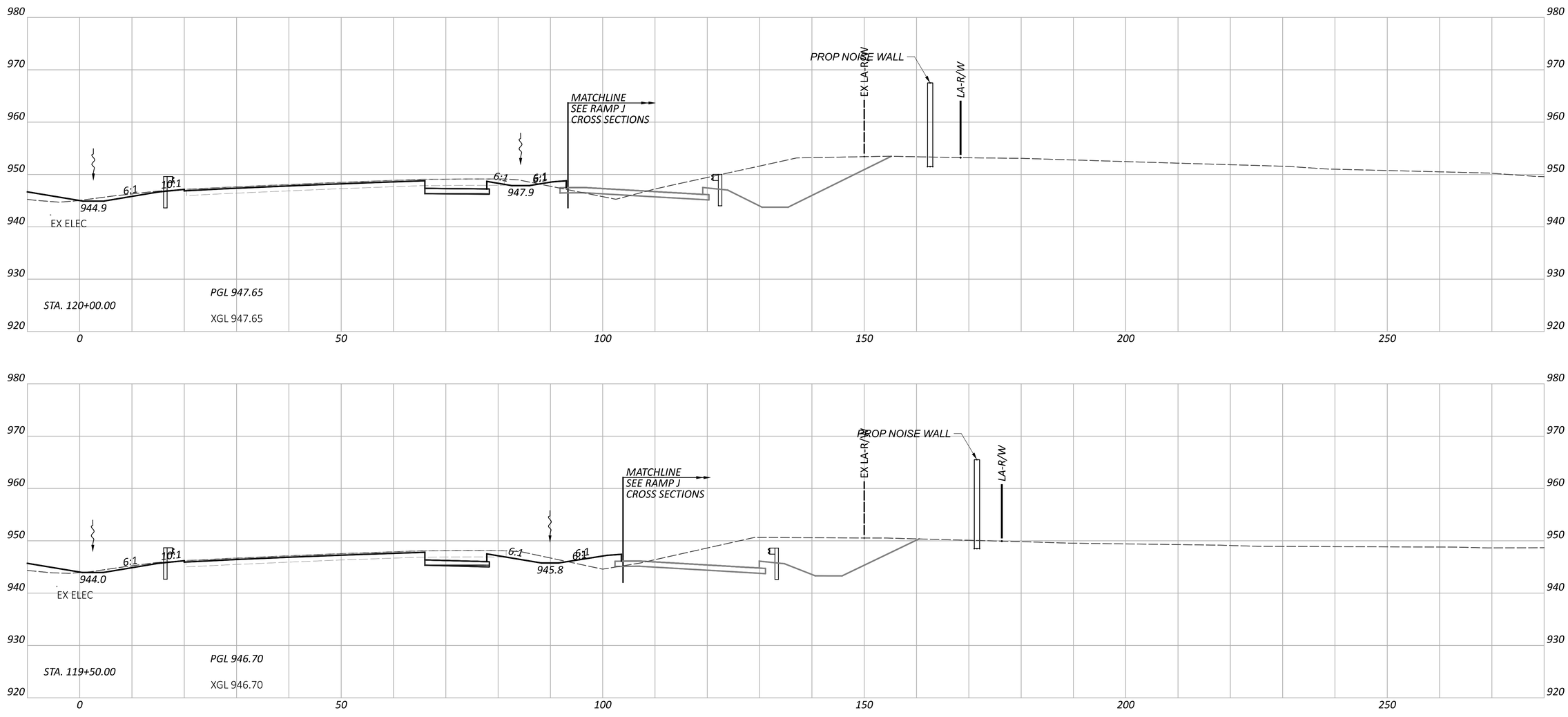
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0678 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 119+50.00 TO STA. 120+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

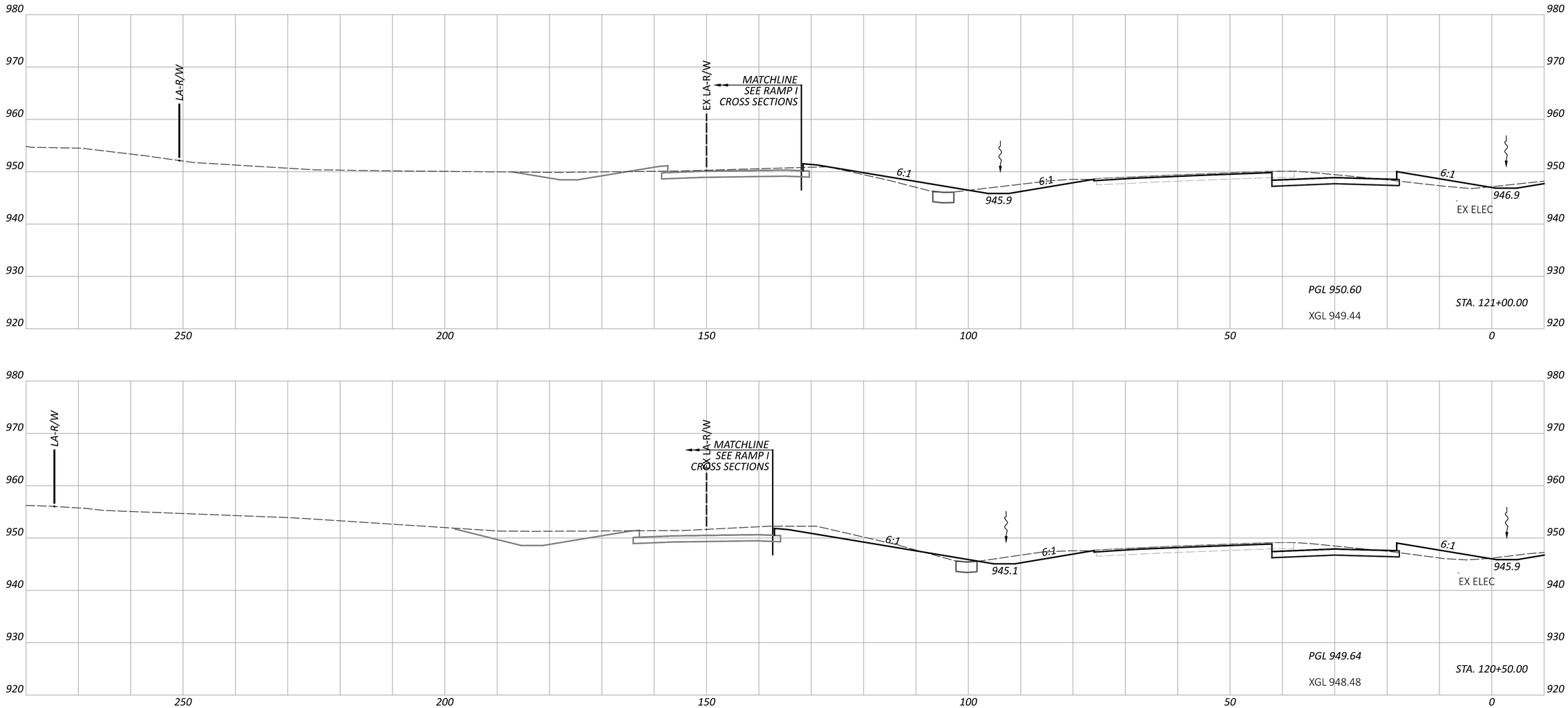
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0679 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 120+50.00 TO STA. 121+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

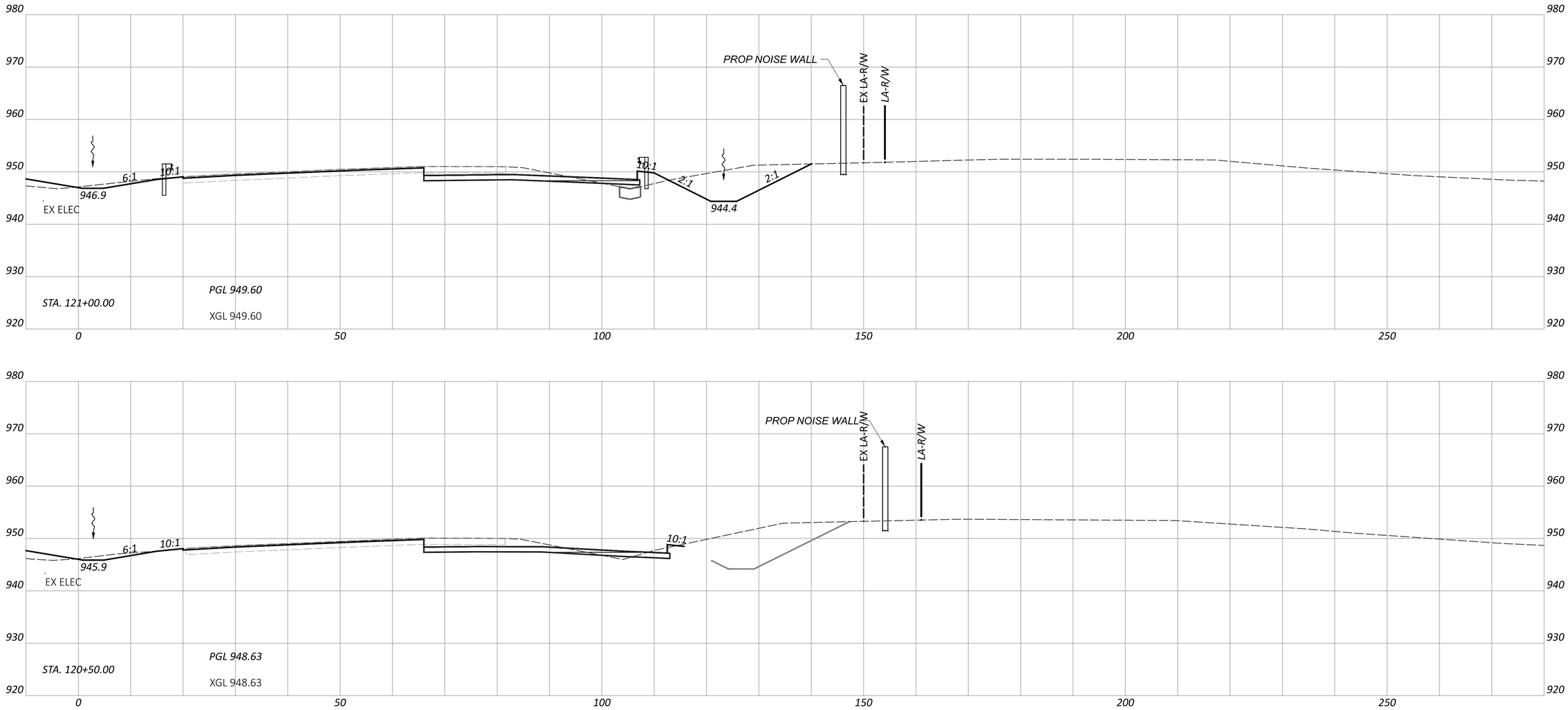
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0680 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 120+50.00 TO STA. 121+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

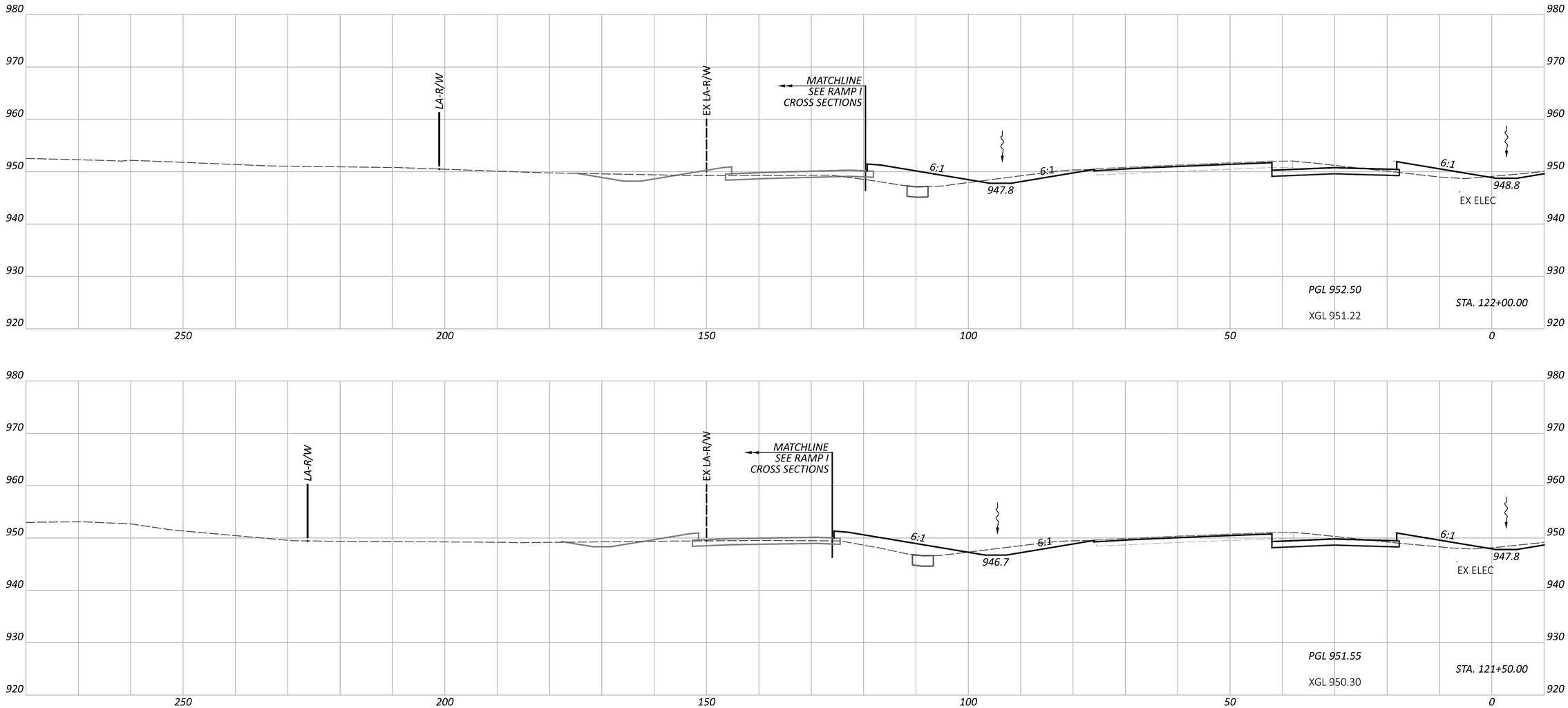
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0681 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 121+50.00 TO STA. 122+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

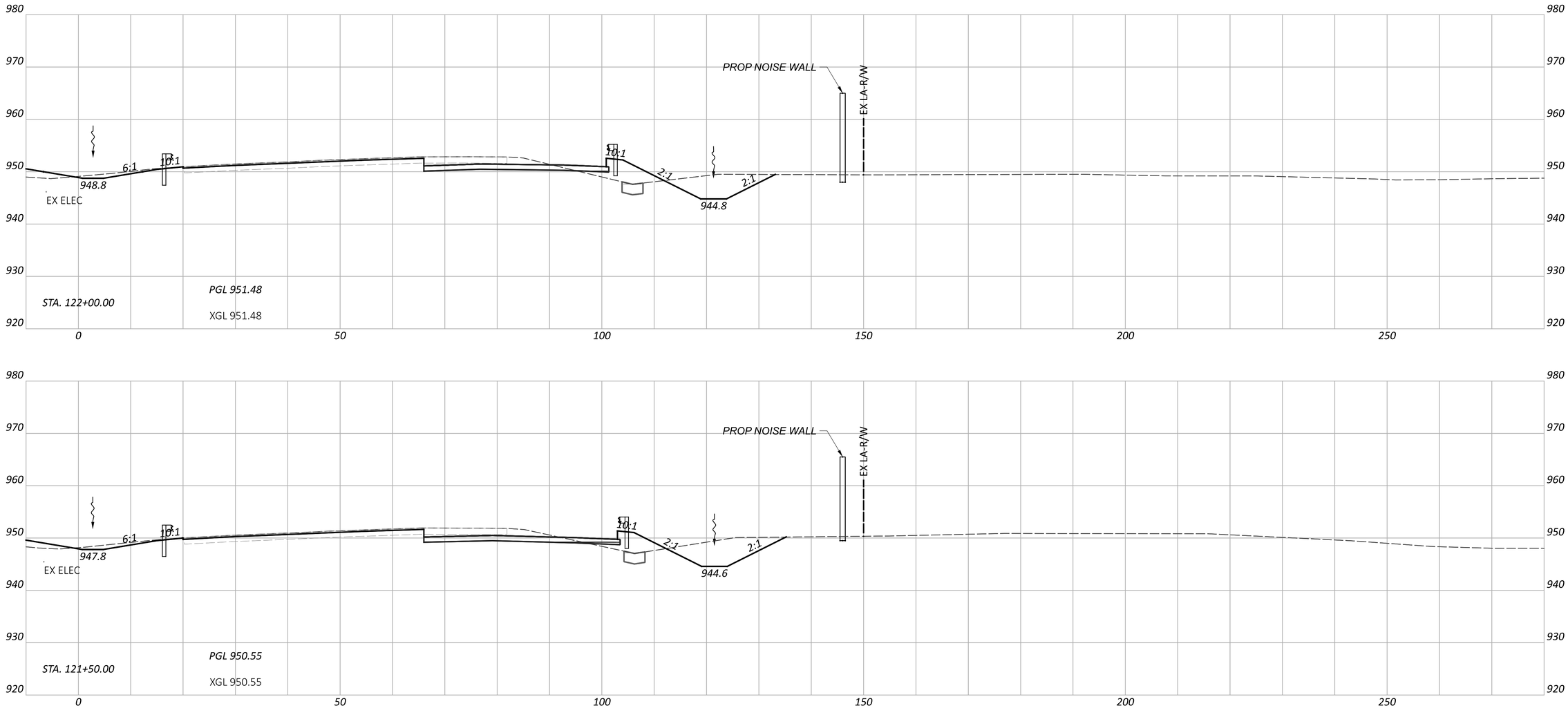
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0682 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 121+50.00 TO STA. 122+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

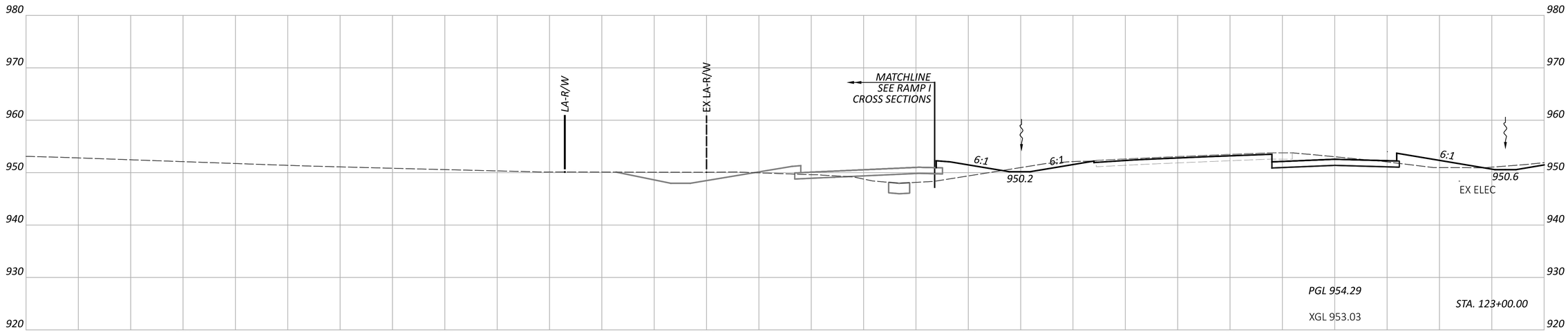
REVIEWER
KAM 08/07/26

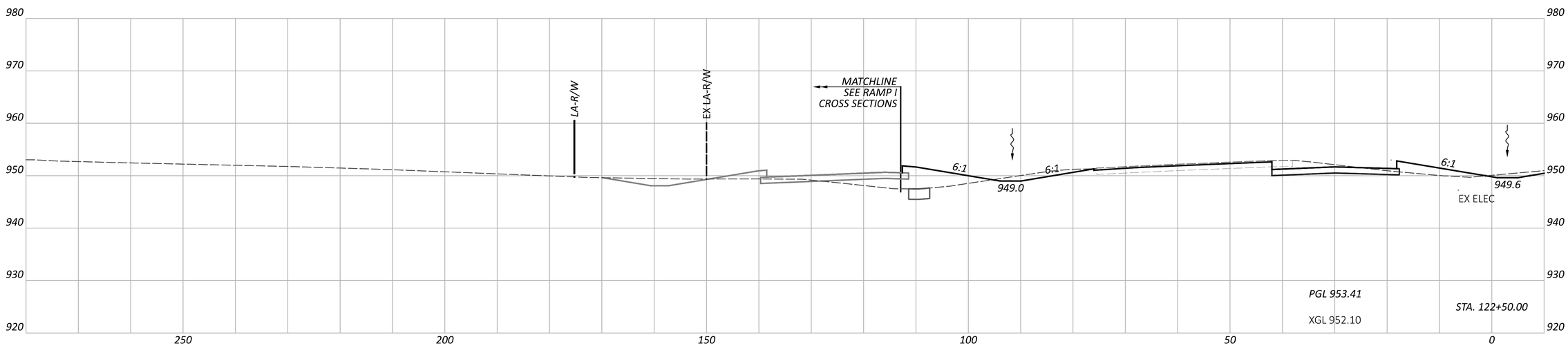
PROJECT ID
96808

SHEET P.0683 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 122+50.00 TO STA. 123+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

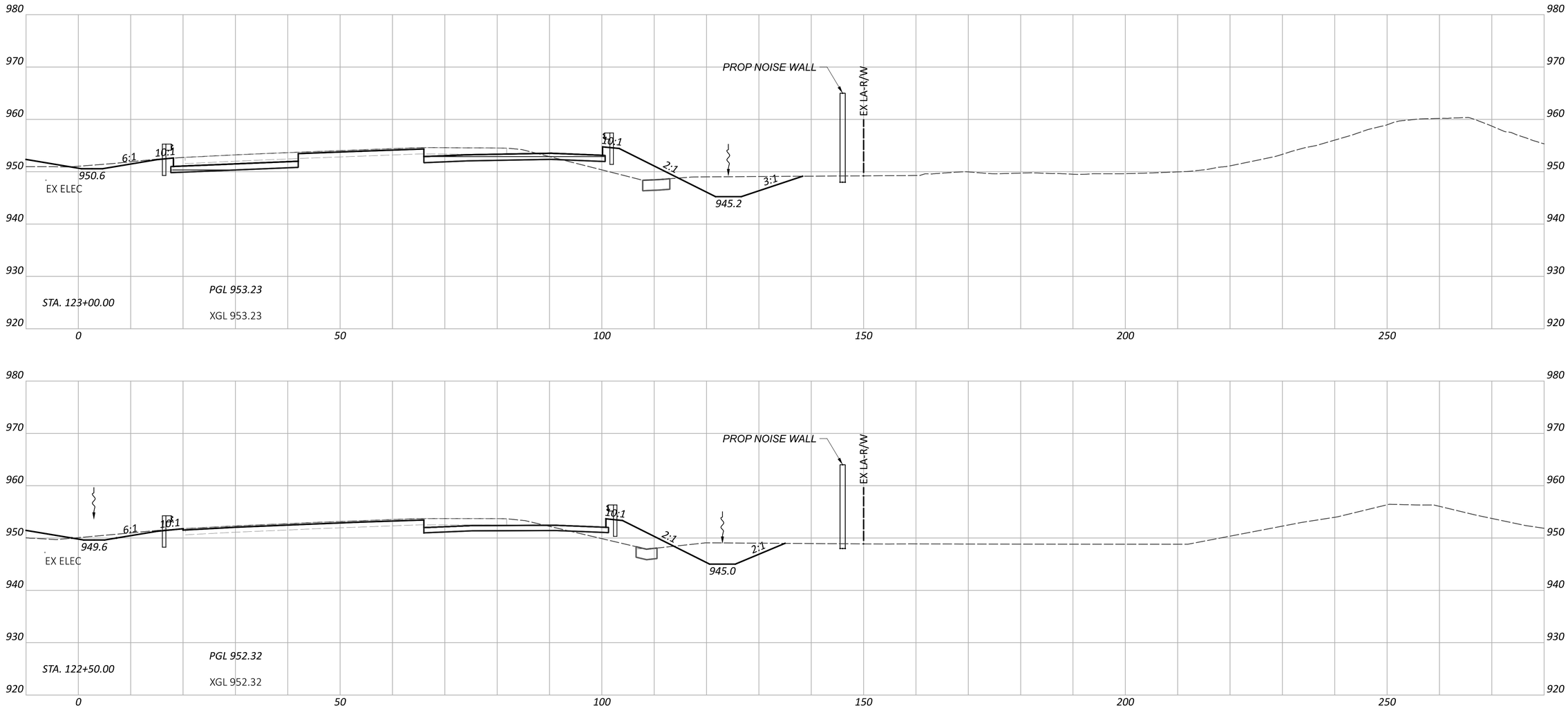
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0684 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 122+50.00 TO STA. 123+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
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REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0685 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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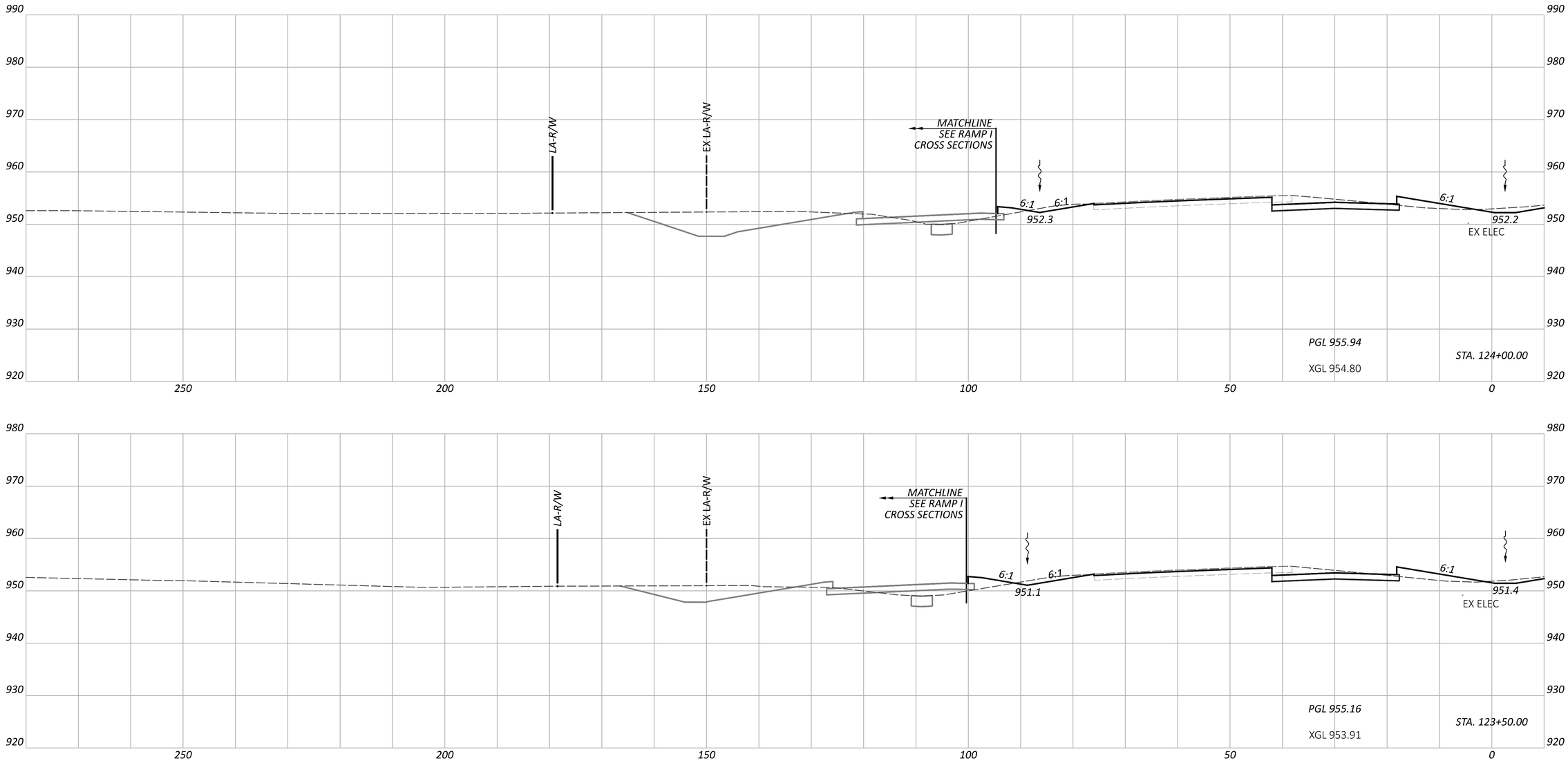
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 123+50.00 TO STA. 124+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 123+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:04:54 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
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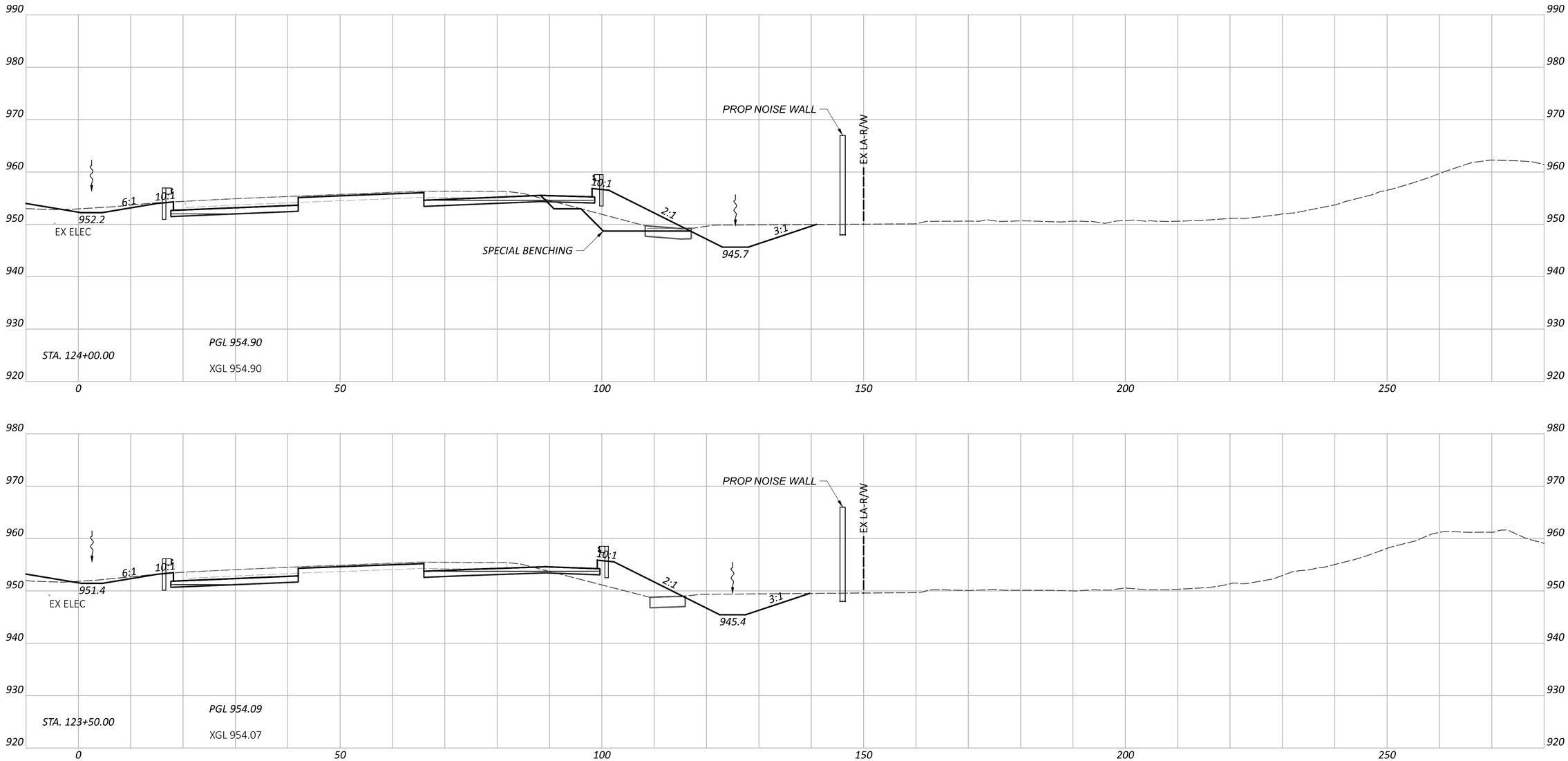
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0686 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 123+50.00 TO STA. 124+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0687 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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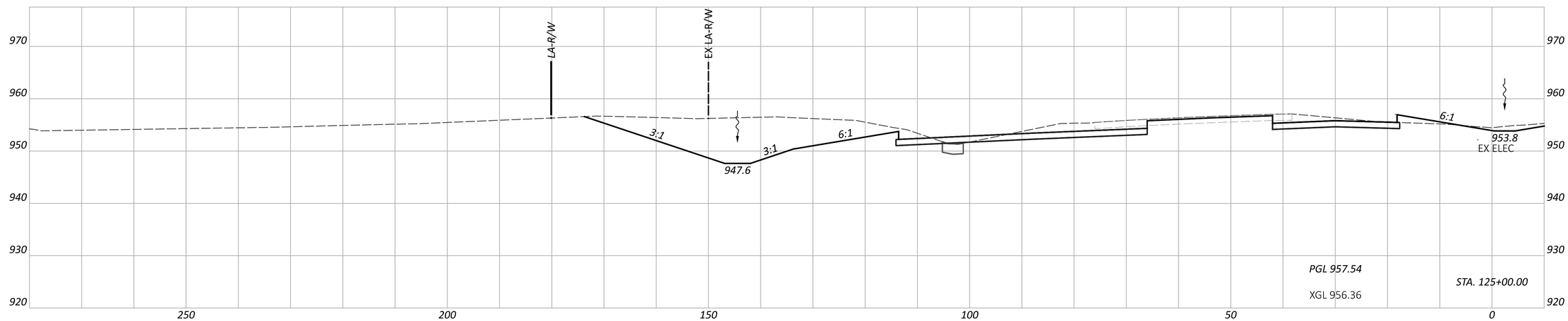
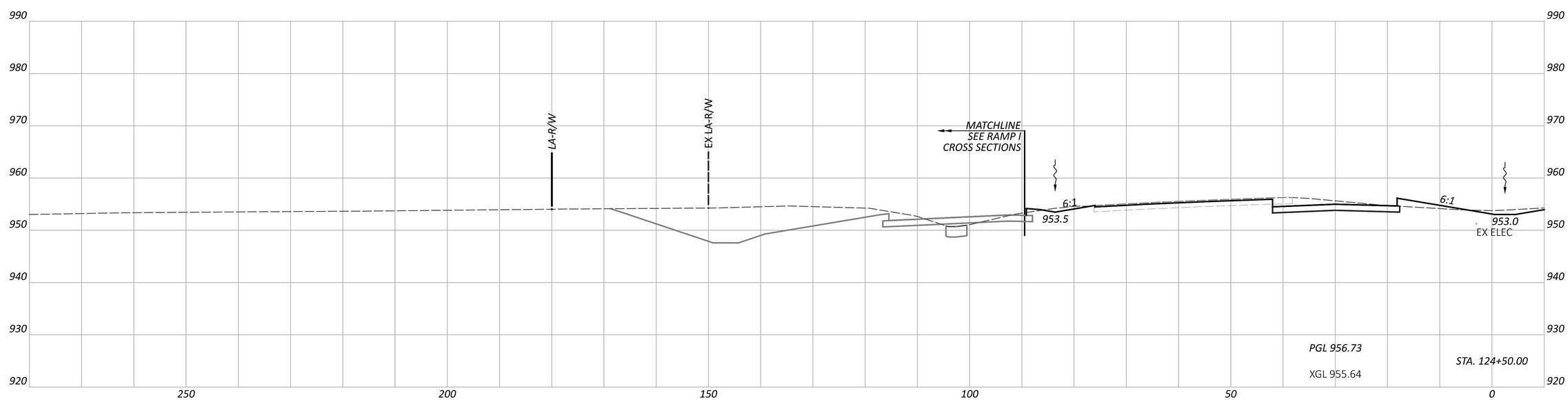
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 124+50.00 TO STA. 125+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 124+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:02 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

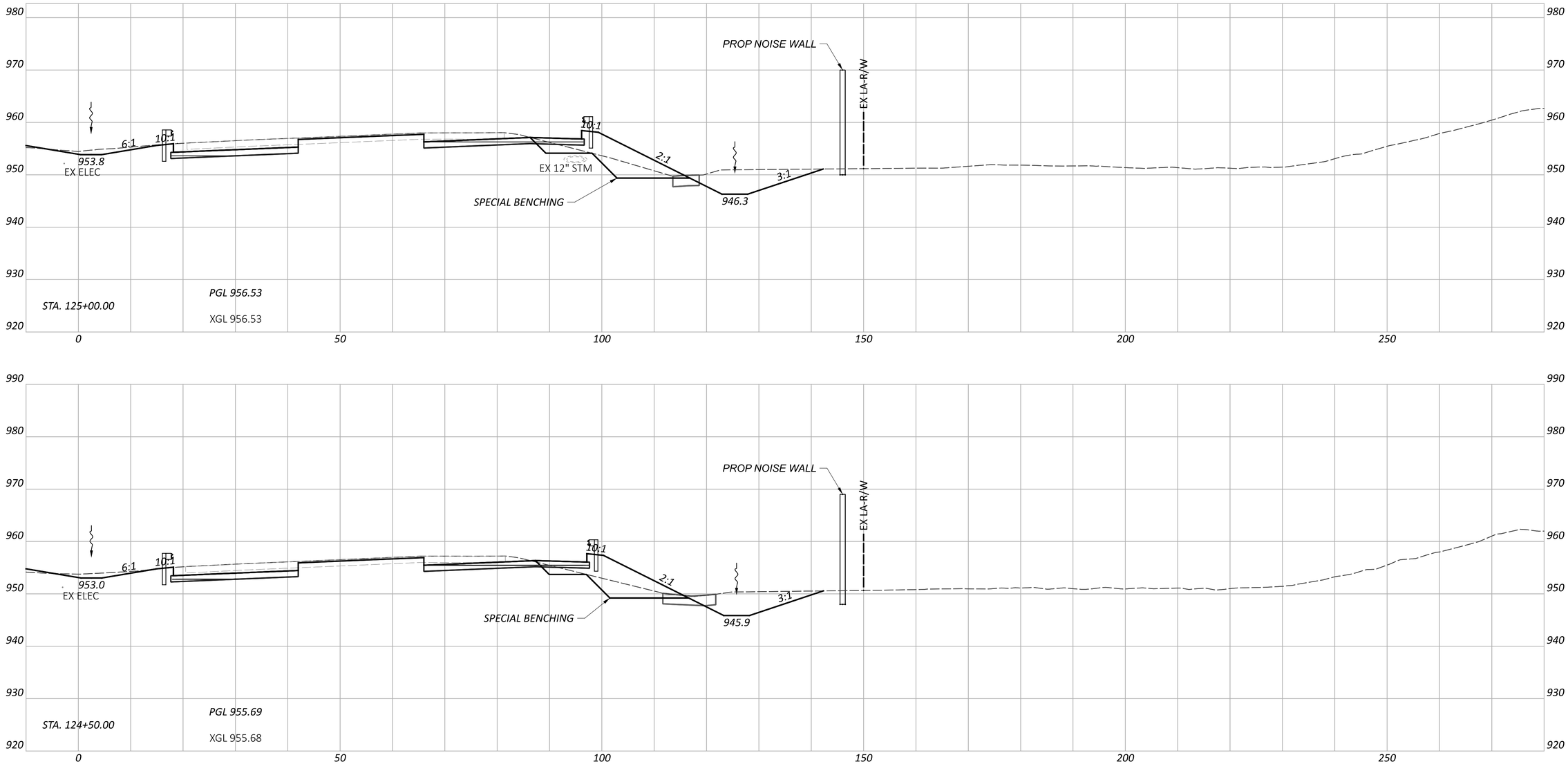
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0688 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501 ITEM 204 - EXCAVATION AND ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 124+50.00 TO STA. 125+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0689 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 124+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:07 AM USER: brieder
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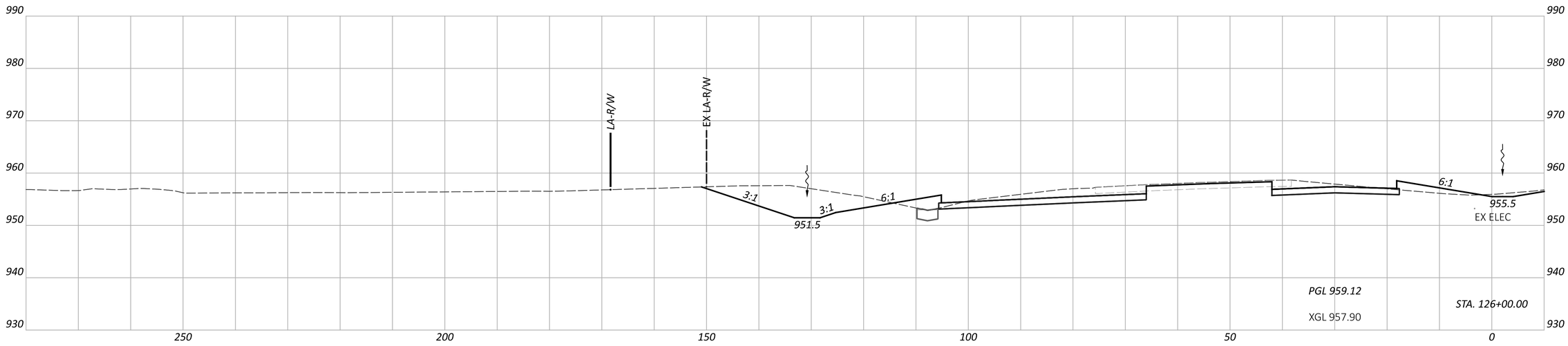
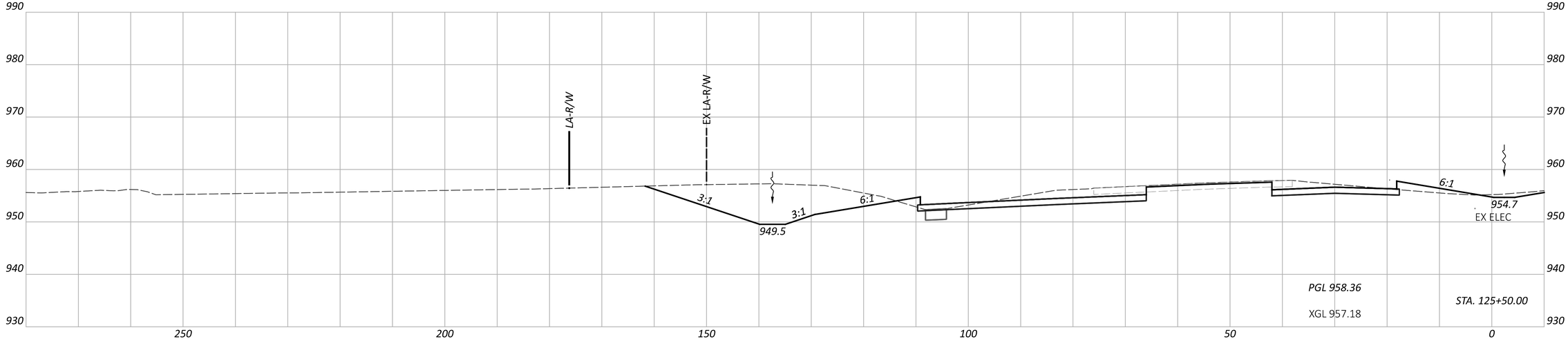
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 WB
STA. 125+50.00 TO STA. 126+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

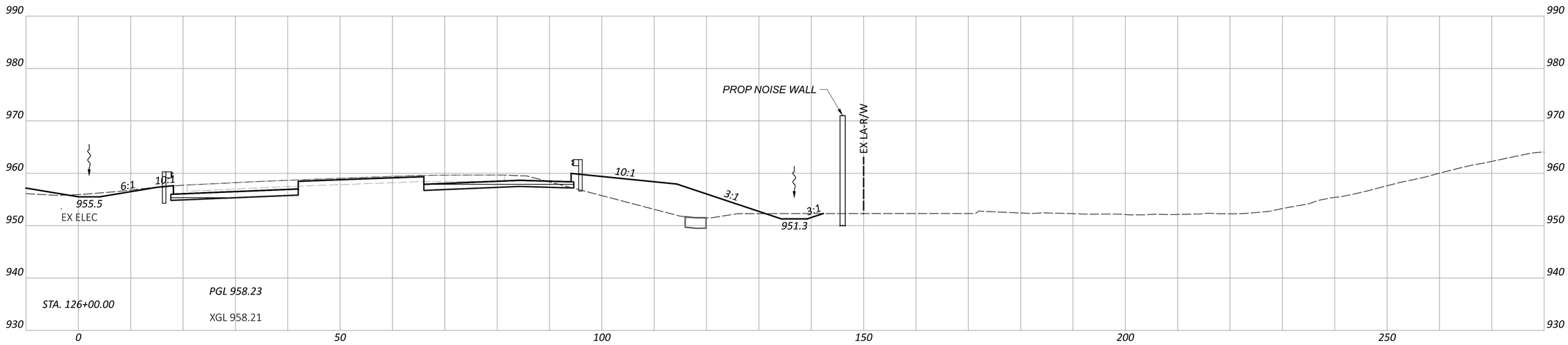
REVIEWER
KAM 08/07/26

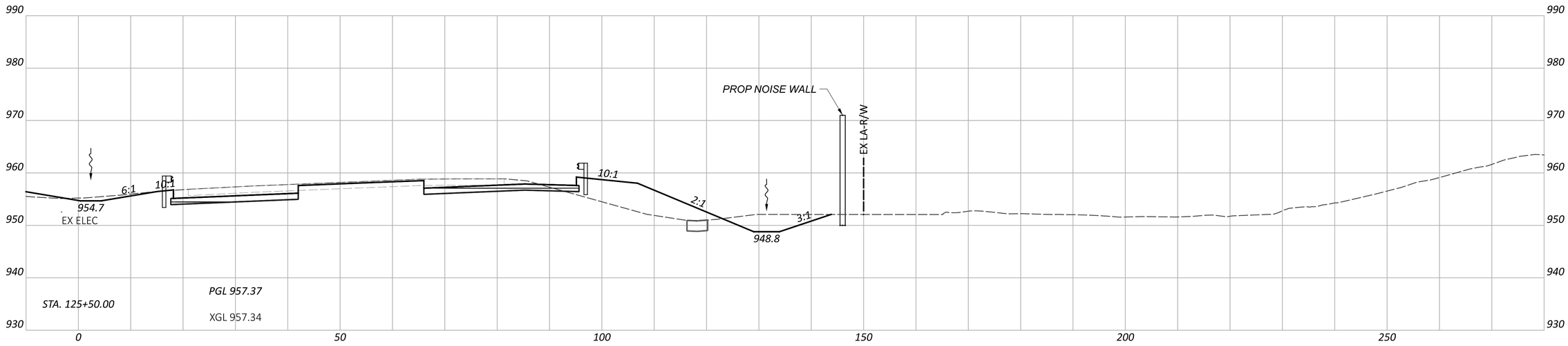
PROJECT ID
96808

SHEET P.0690 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 125+50.00 TO STA. 126+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0691 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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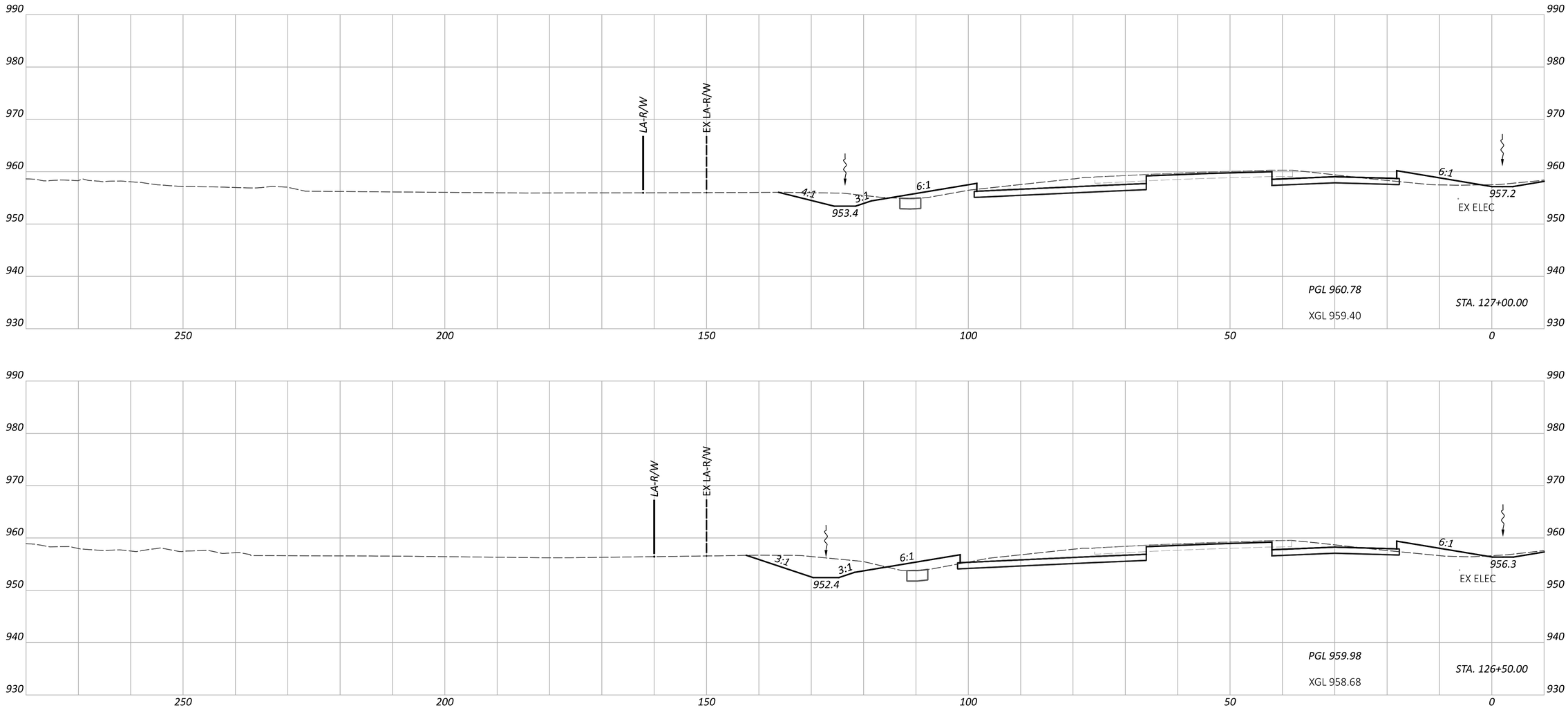
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 126+50.00 TO STA. 127+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 126+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:20 AM USER: brieder
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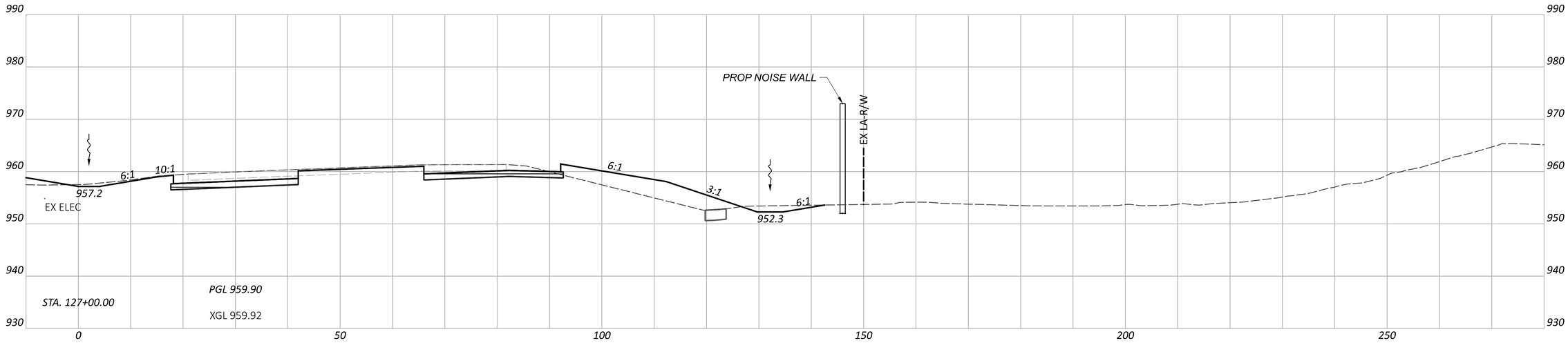
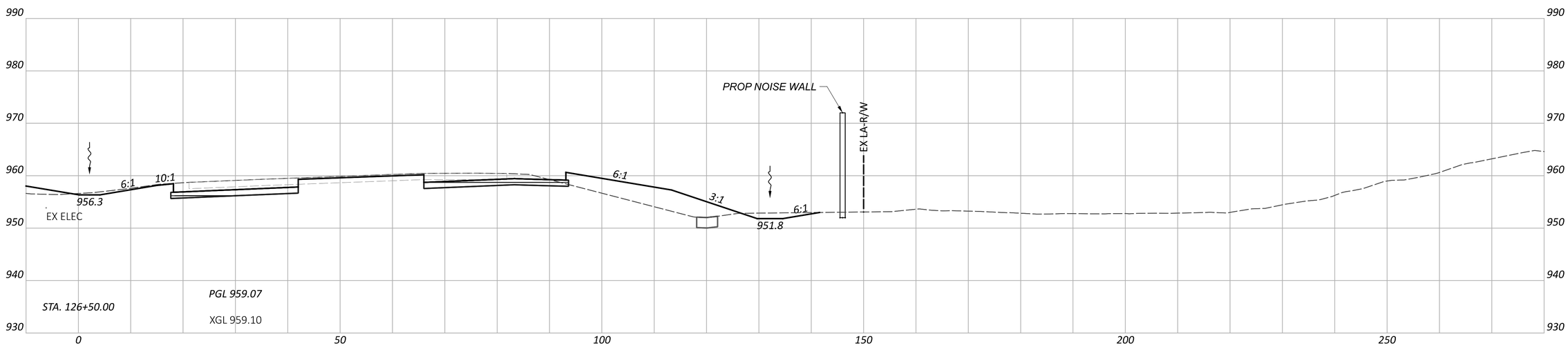
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0692 TOTAL: P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70 EB
STA. 126+50.00 TO STA. 127+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 126+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:24 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0693
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

CROSS SECTIONS - IR 70 WB
STA. 127+50.00 TO STA. 128+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 127+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:28 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

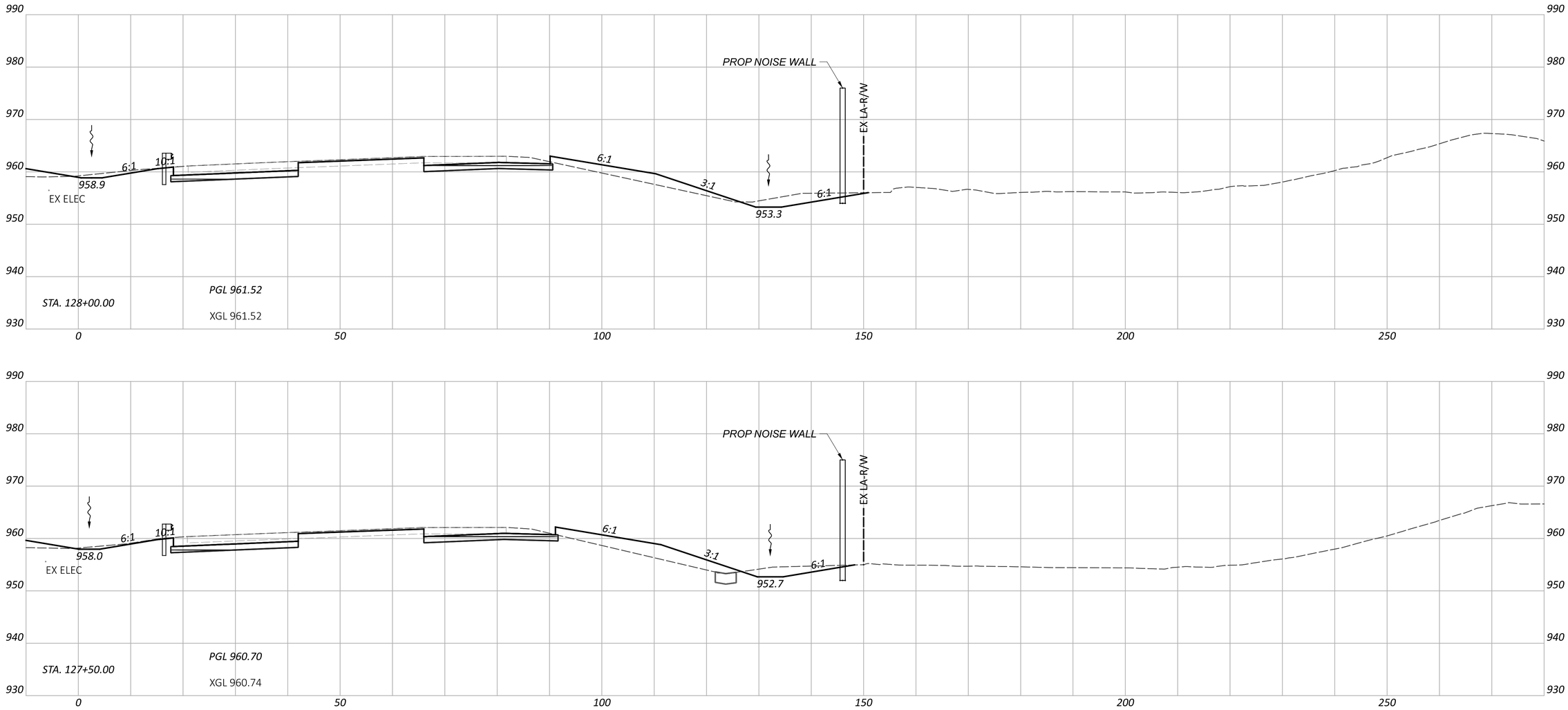
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0694 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 127+50.00 TO STA. 128+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0695 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 127+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:34 AM USER: brieder
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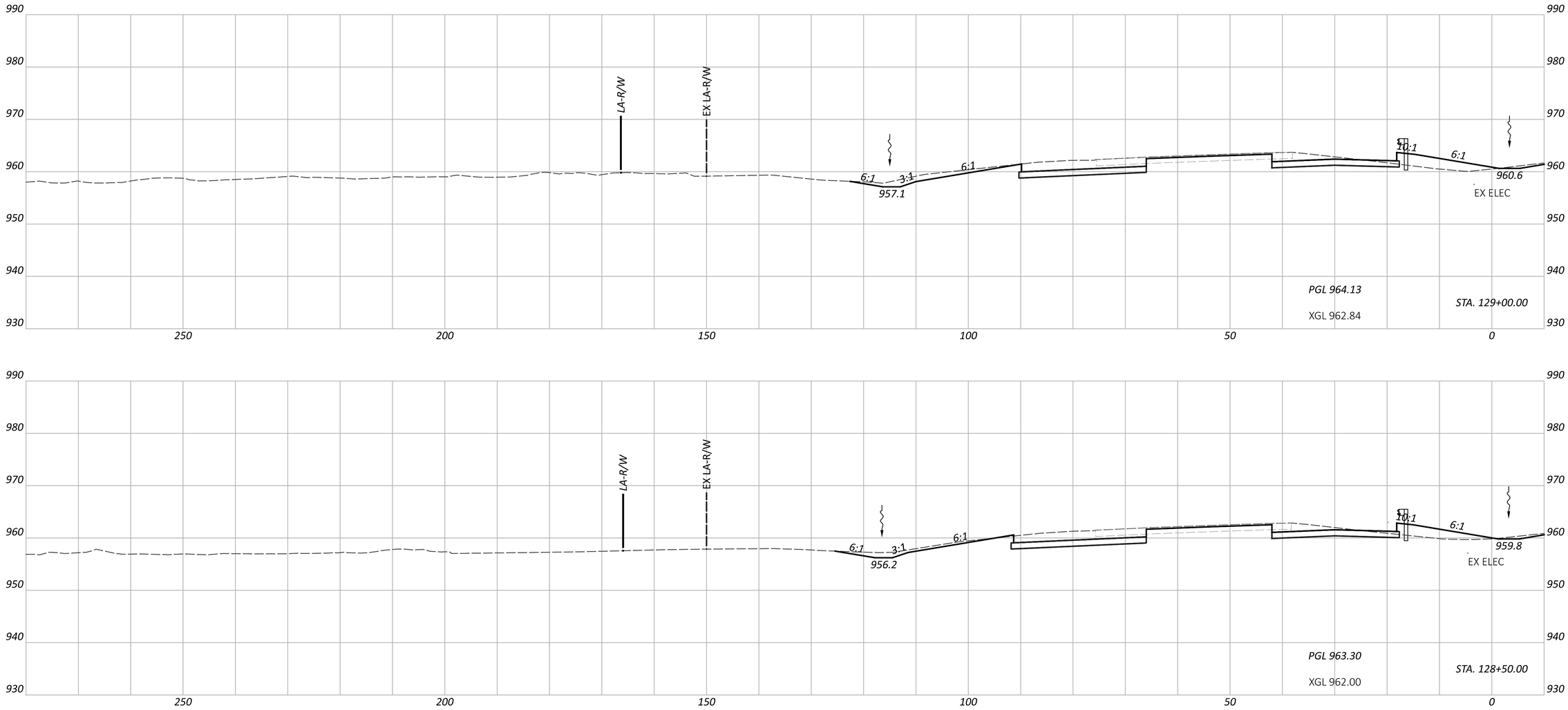
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 128+50.00 TO STA. 129+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 128+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:37 AM USER: brieder
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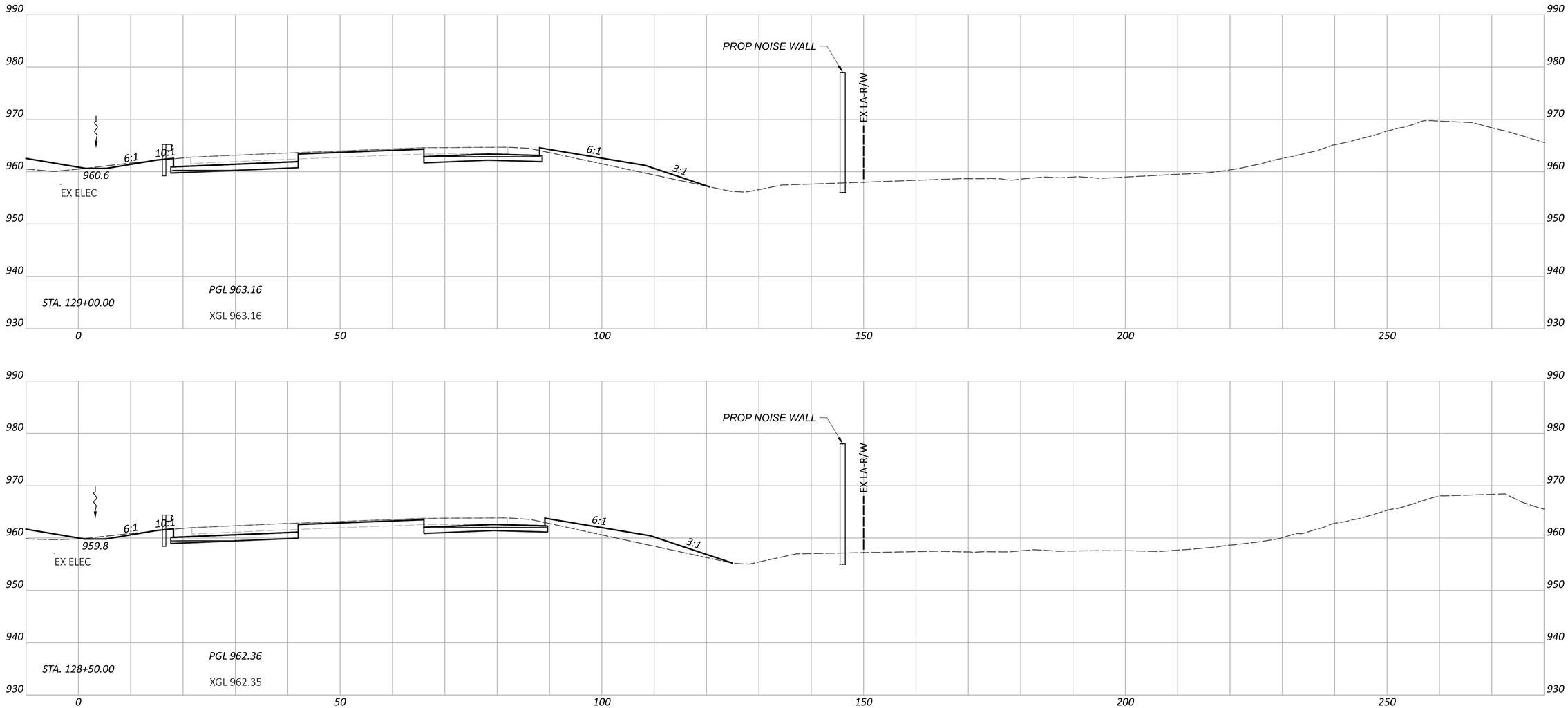
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0696 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 128+50.00 TO STA. 129+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0697 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_EB - A 128+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:42 AM USER: brieder
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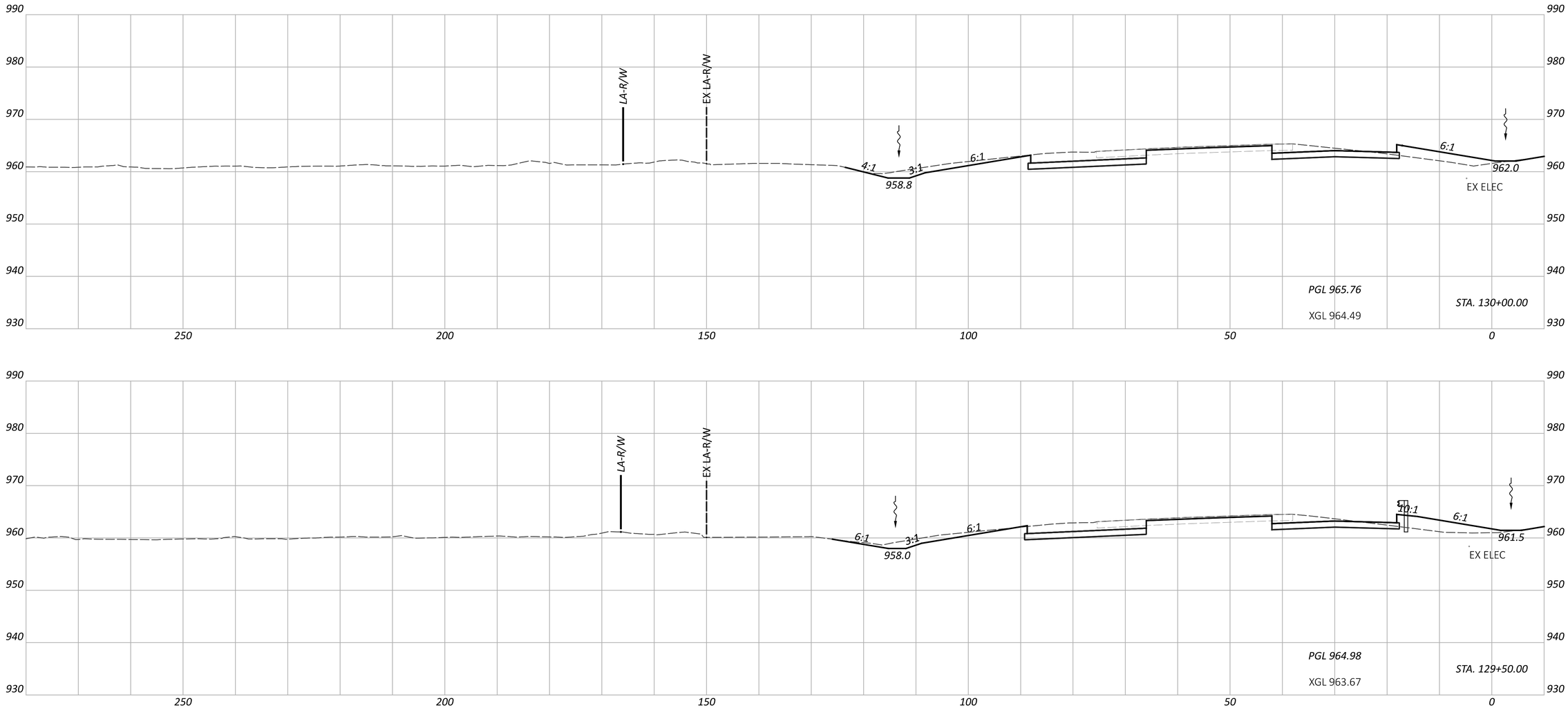
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 WB
STA. 129+50.00 TO STA. 130+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070_WB - A 129+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:05:46 AM USER: brieder
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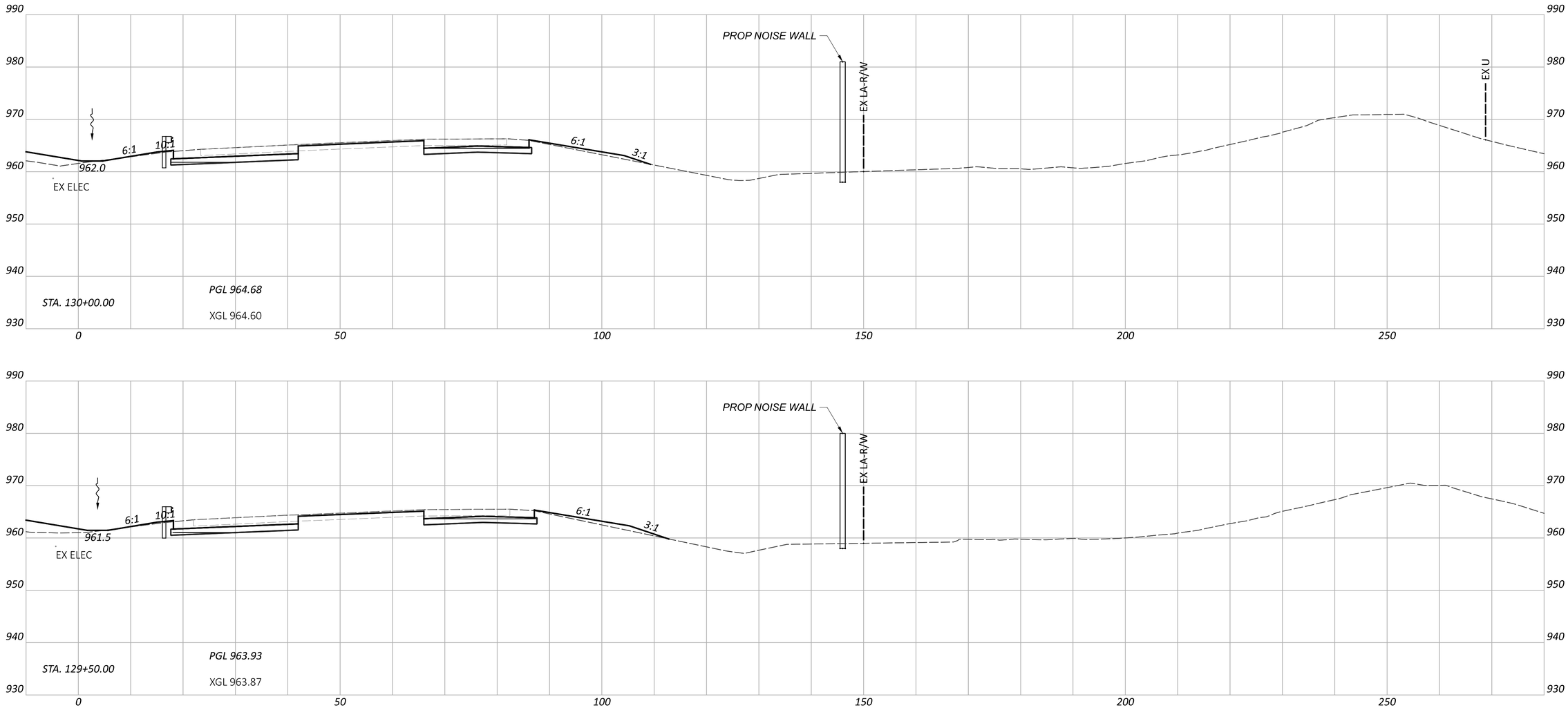
DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0698
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70 EB
STA. 129+50.00 TO STA. 130+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0699 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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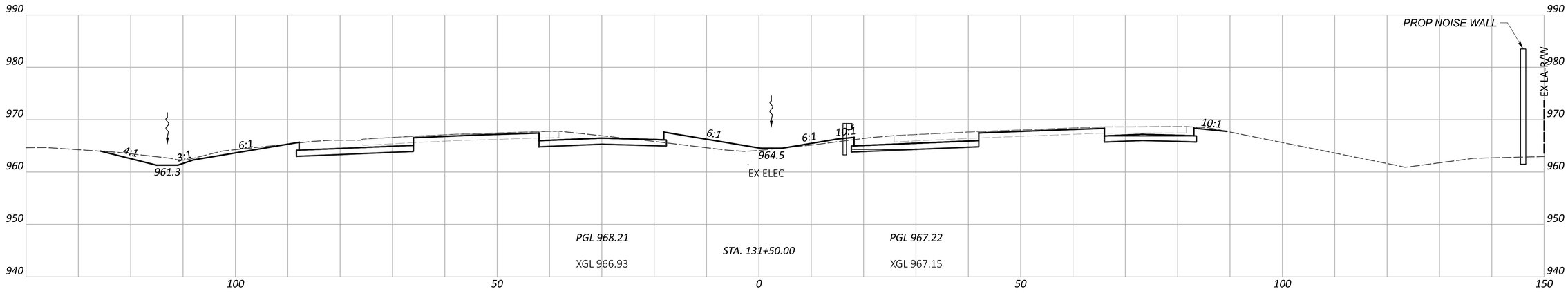
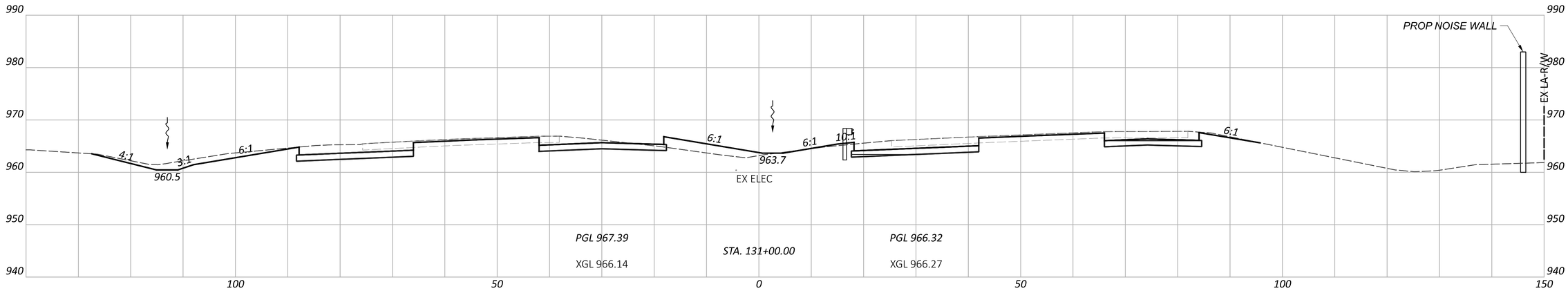
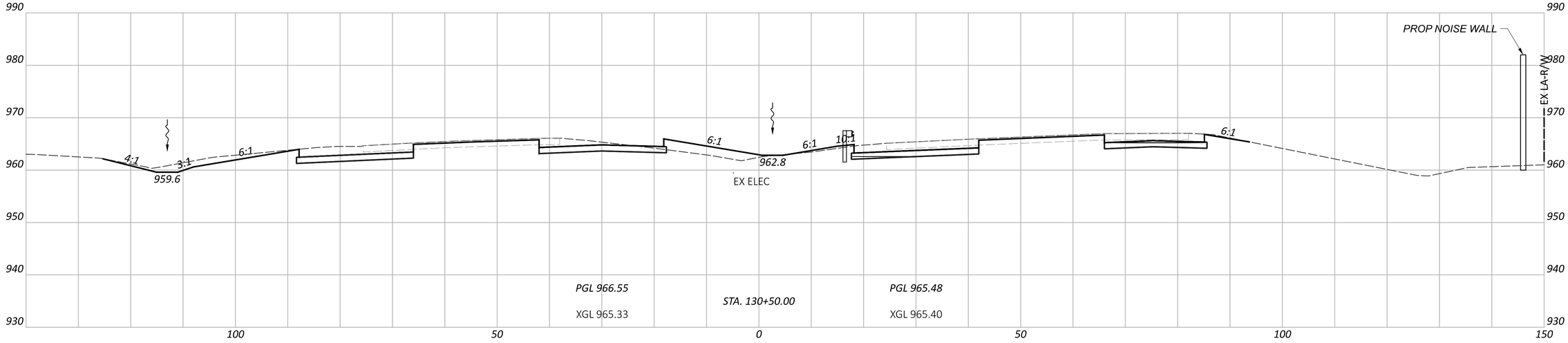
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 130+50.00 TO STA. 131+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0700
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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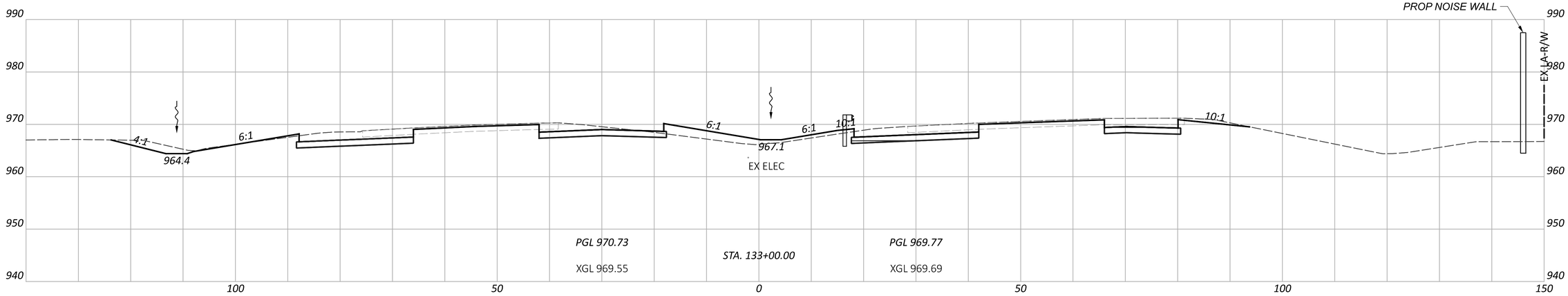
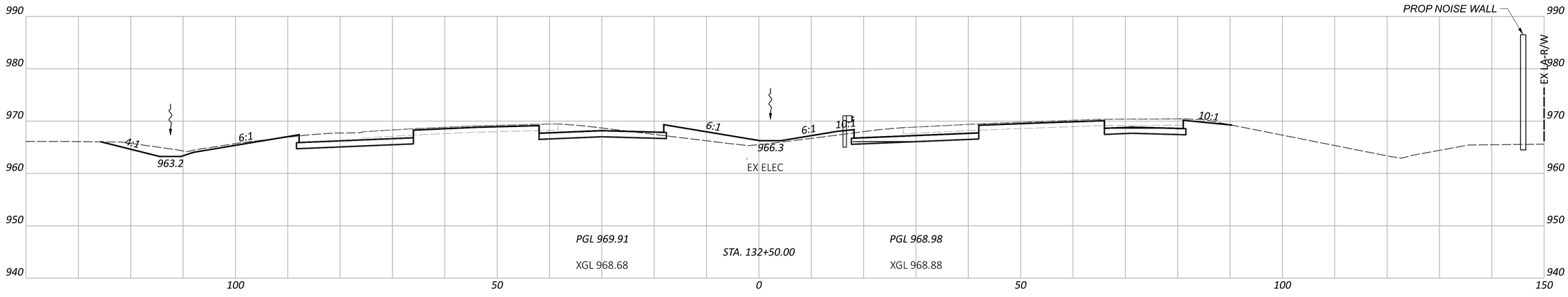
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 970.73
XGL 969.55

STA. 133+00.00

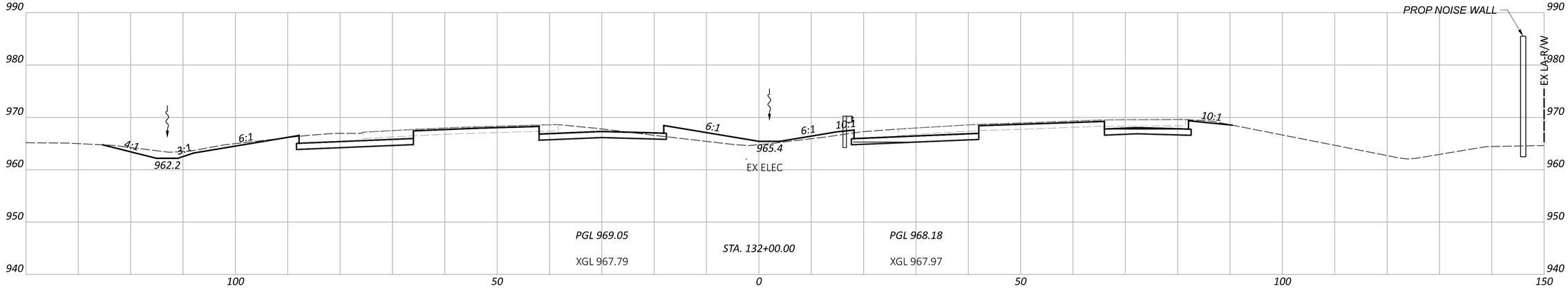
PGL 969.77
XGL 969.69



PGL 969.91
XGL 968.68

STA. 132+50.00

PGL 968.98
XGL 968.88



PGL 969.05
XGL 967.79

STA. 132+00.00

PGL 968.18
XGL 967.97

CROSS SECTIONS - IR 70
STA. 132+00.00 TO STA. 133+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0701 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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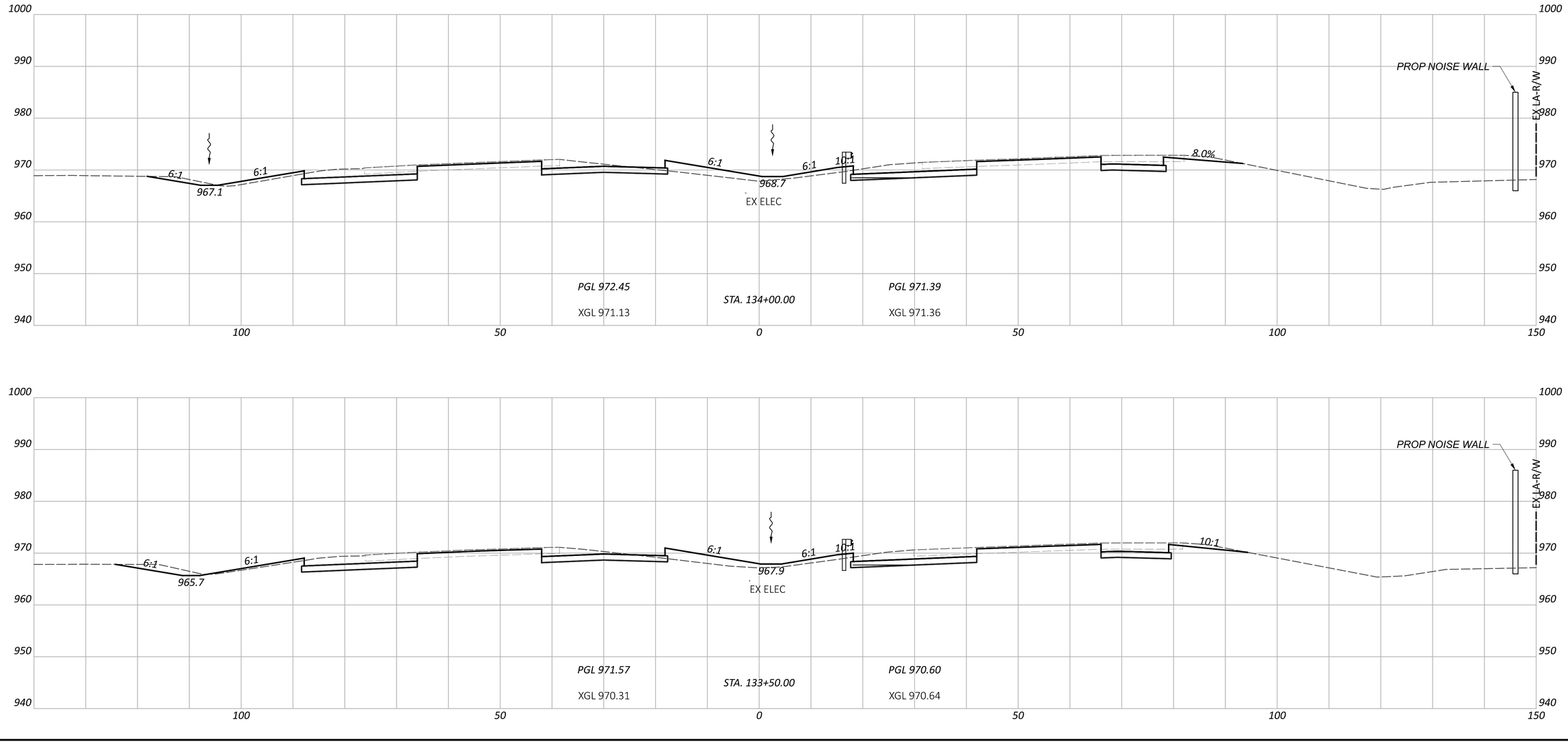
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 133+50.00 TO STA. 134+00.00

DESIGN AGENCY
KOKOSING STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0702 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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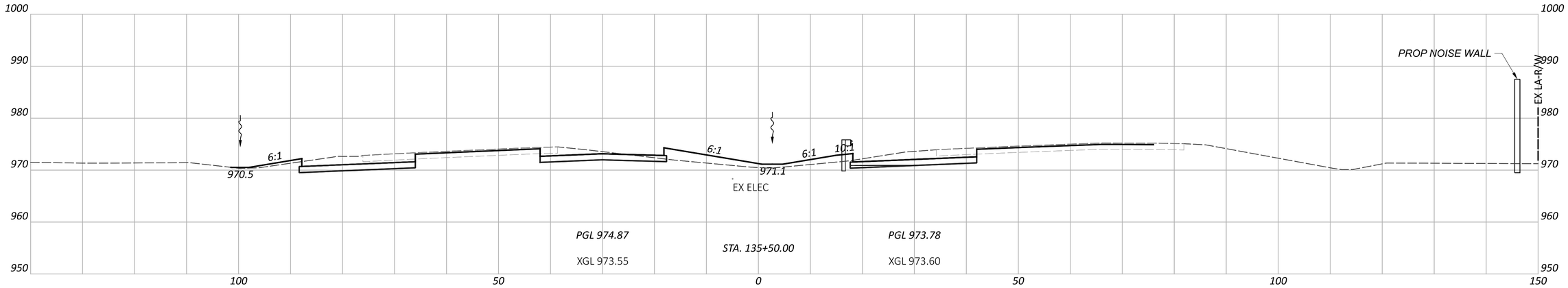
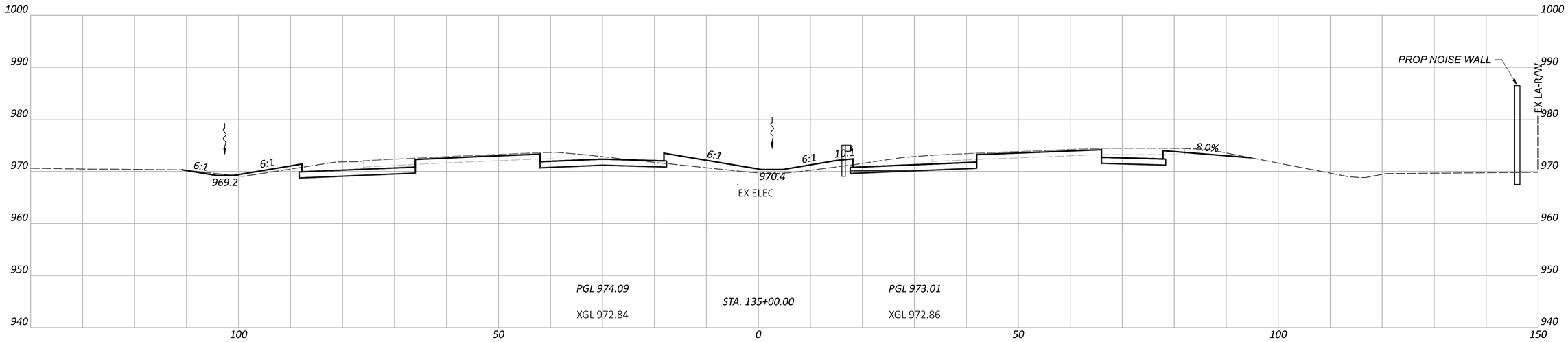
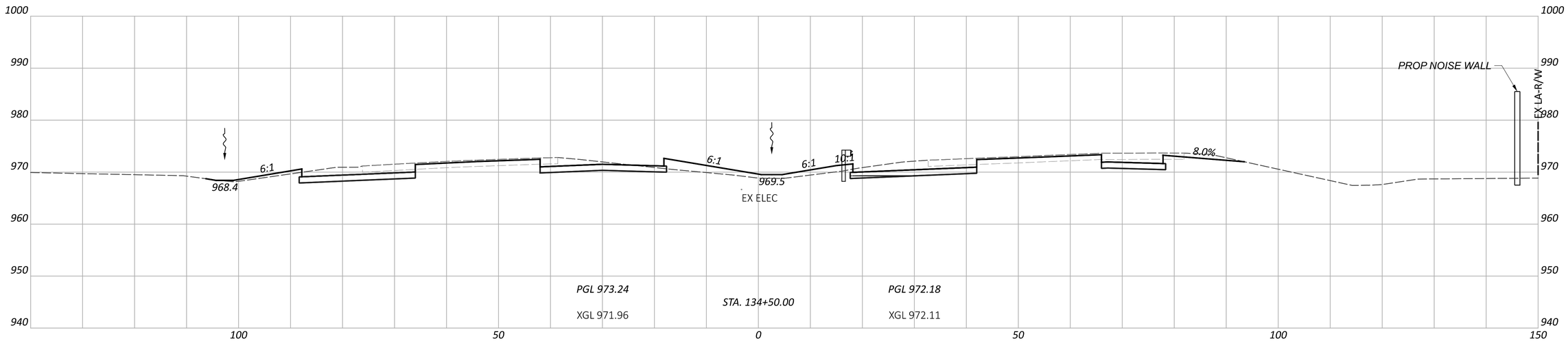
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 134+50.00 TO STA. 135+50.00

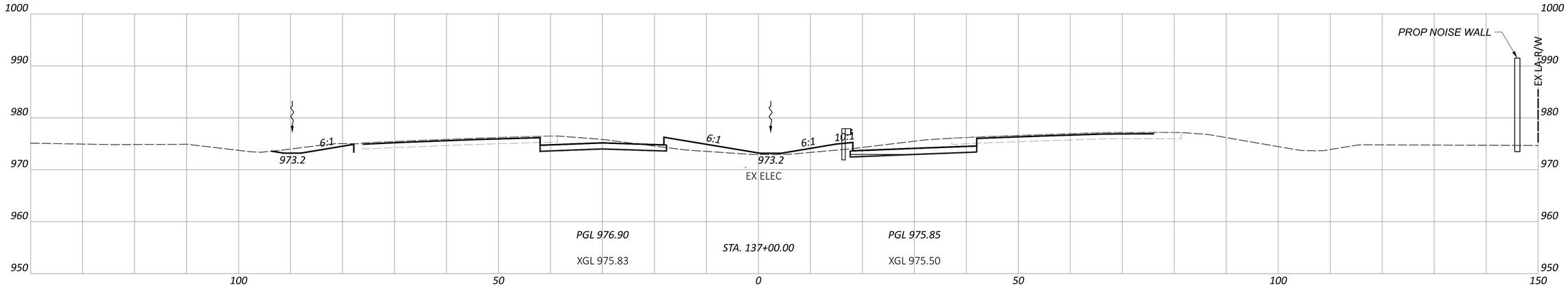
DESIGN AGENCY
STRUCTUREPOINT LLC

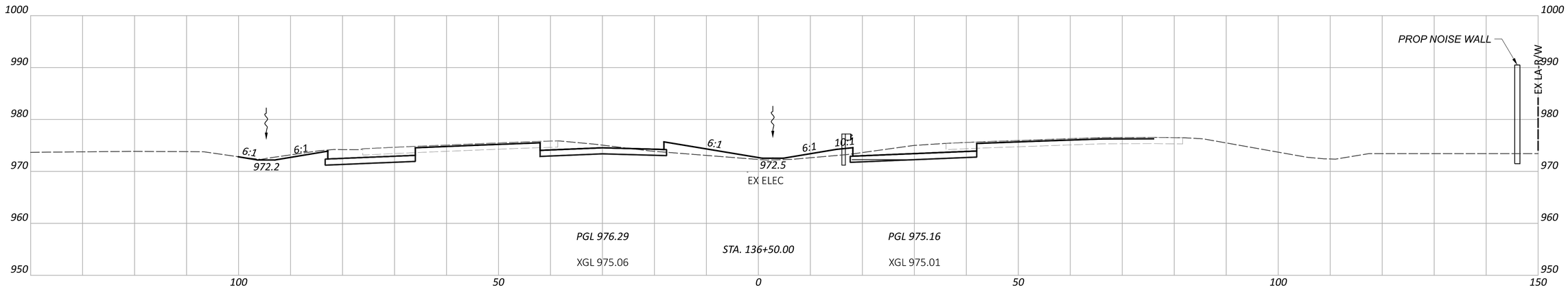
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0703
TOTAL	P.2024

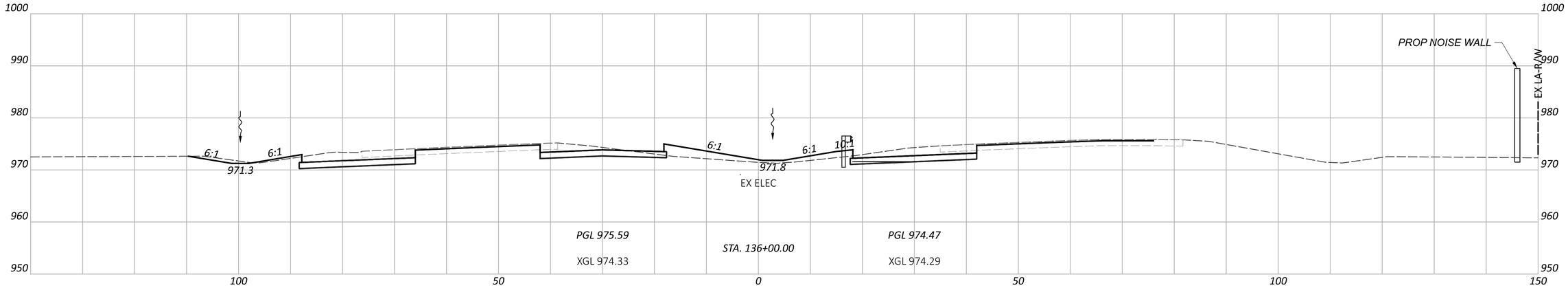
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 134+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:17 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 136+00.00 TO STA. 137+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0704
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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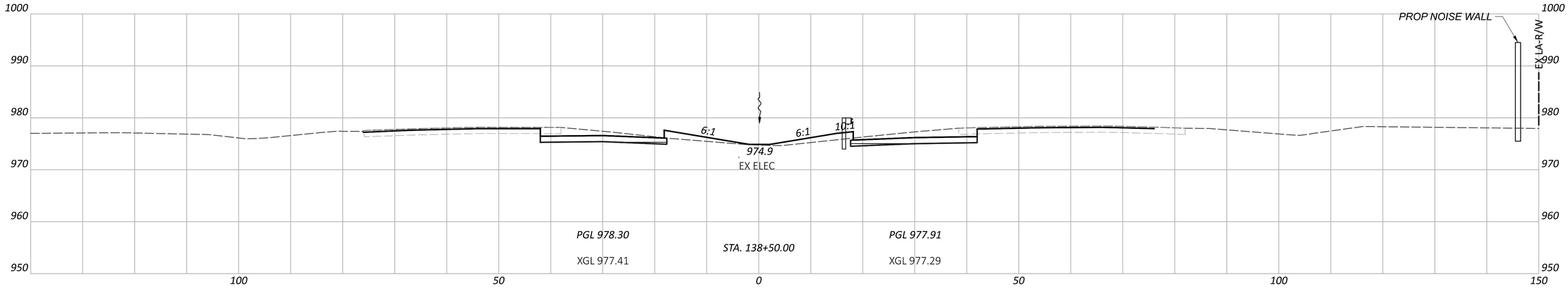
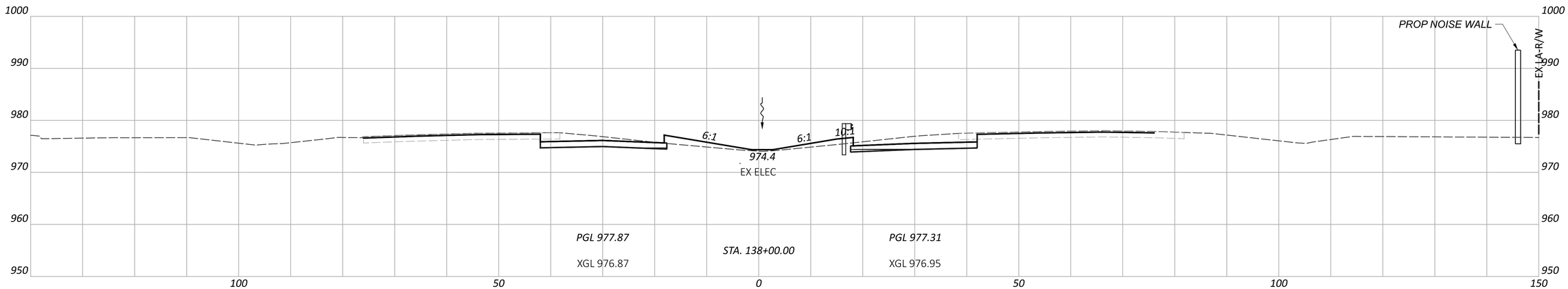
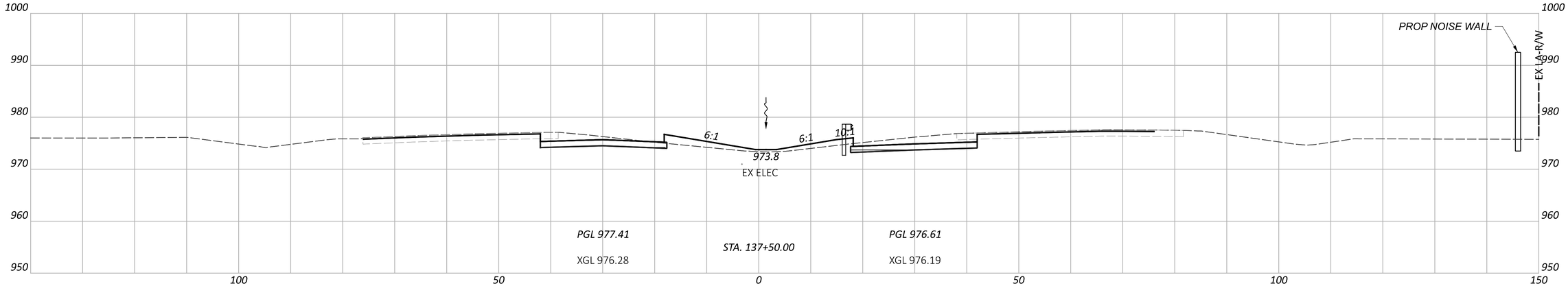
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 137+50.00 TO STA. 138+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0705
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 137+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:25 AM USER: brieder
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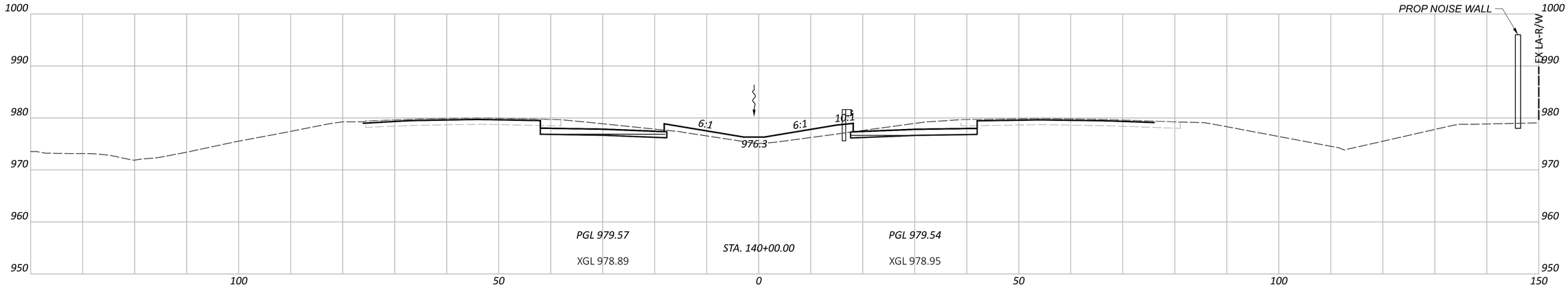
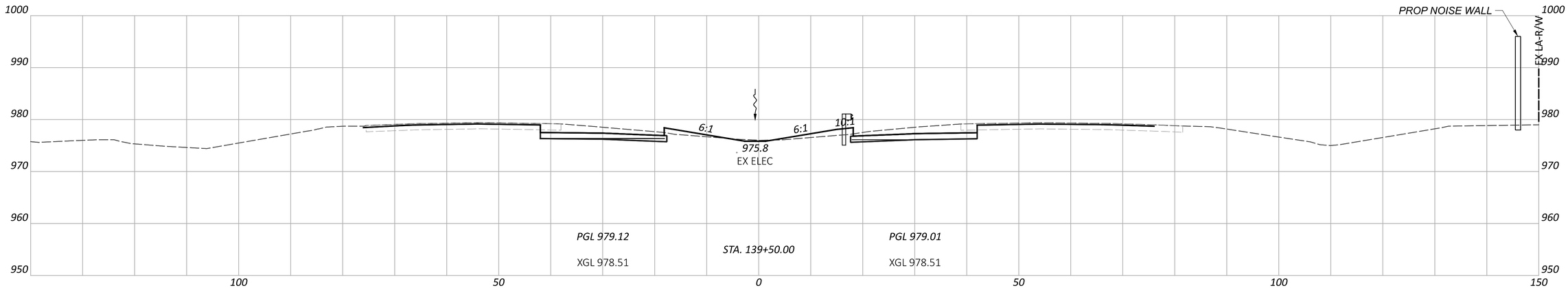
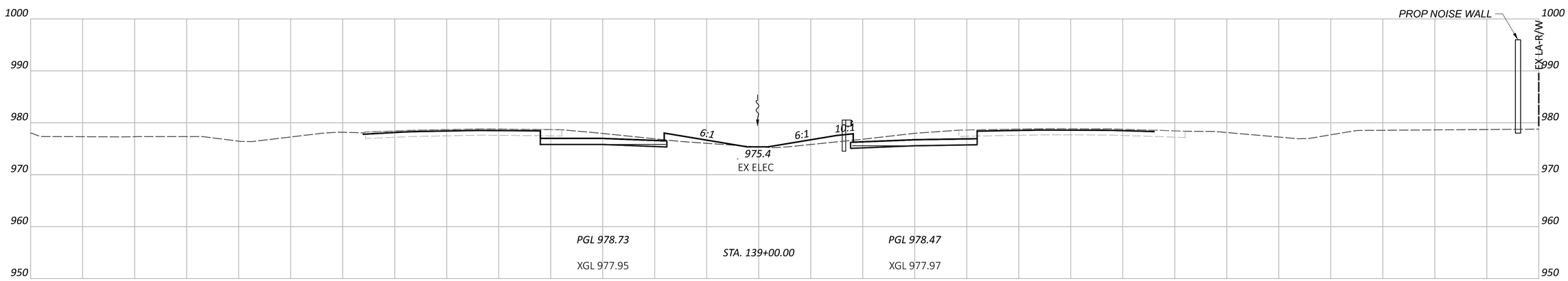
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 139+00.00 TO STA. 140+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0706
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 139+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:29 AM USER: brieder
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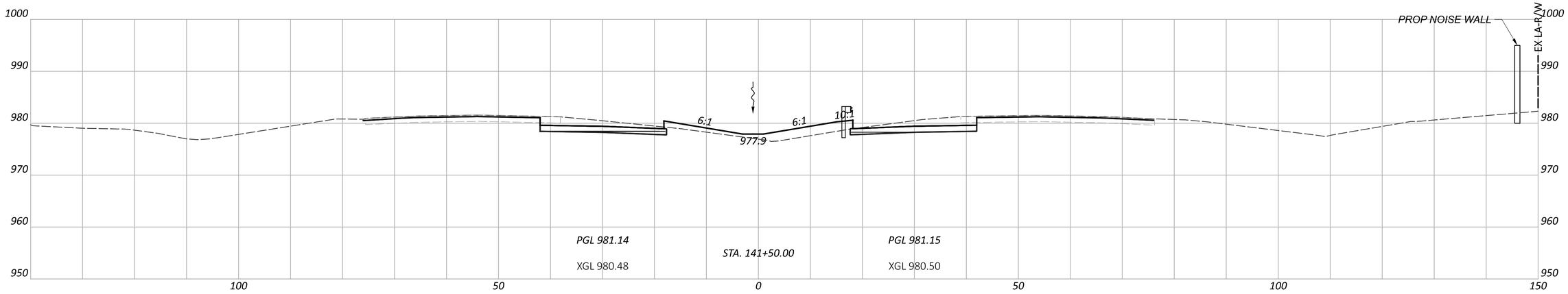
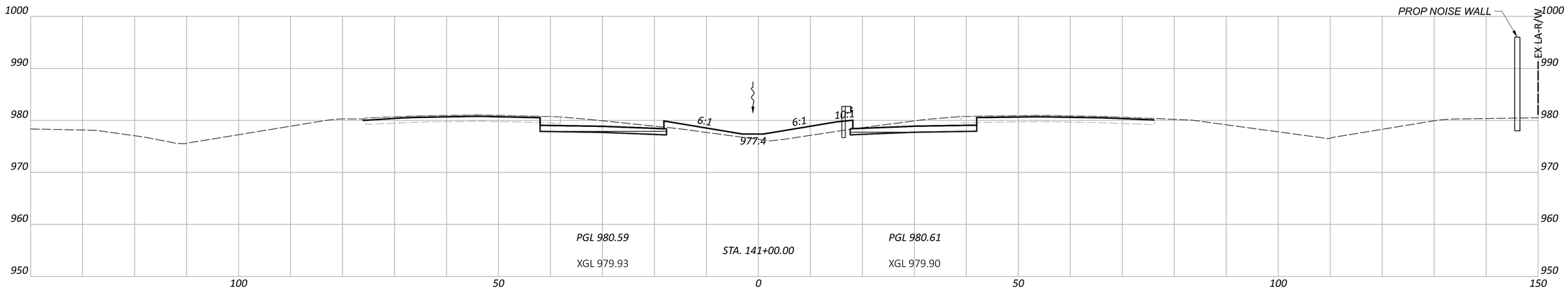
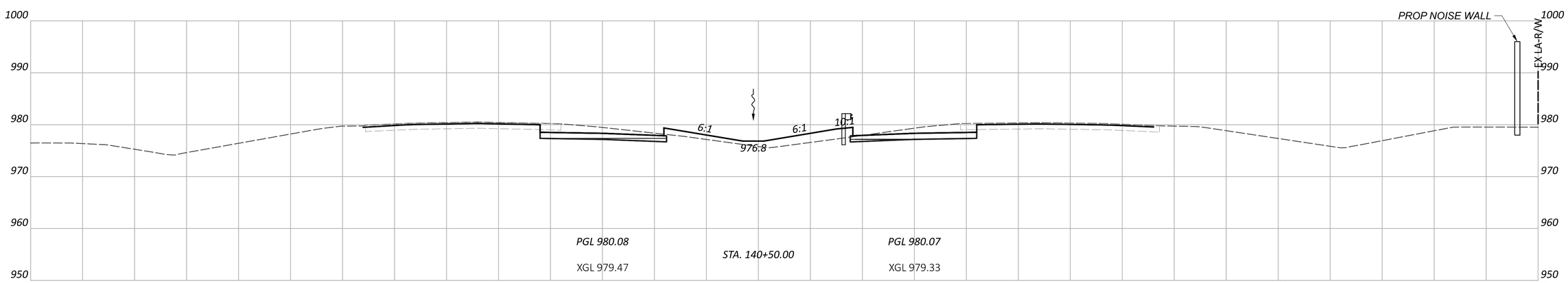
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 140+50.00 TO STA. 141+50.00

DESIGN AGENCY
WHITMAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0707
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 140+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:32 AM USER: brieder
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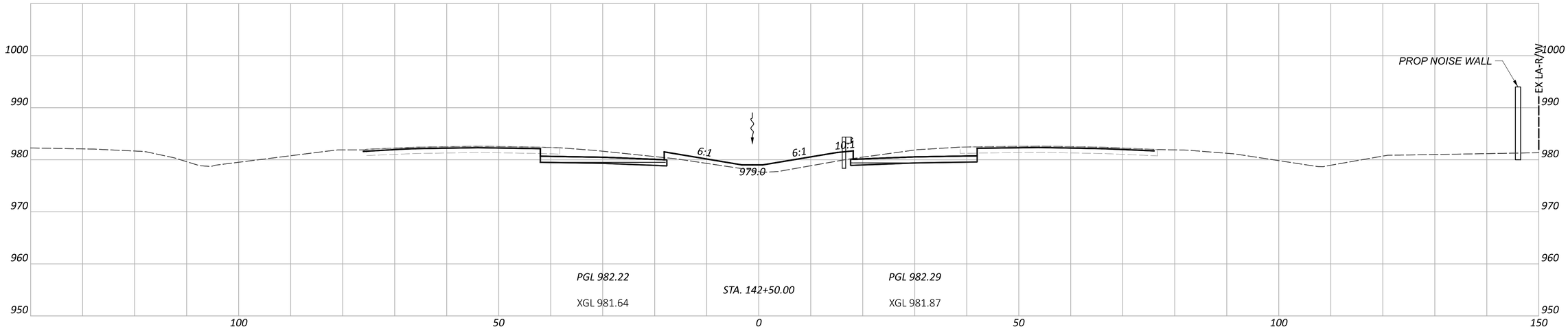
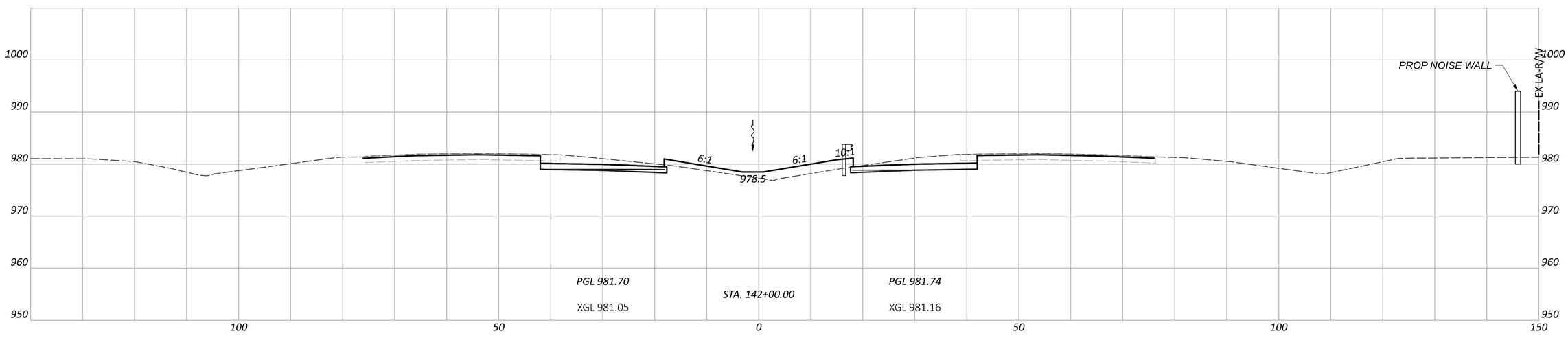
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 142+00.00 TO STA. 142+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0708
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 142+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:36 AM USER: brieder
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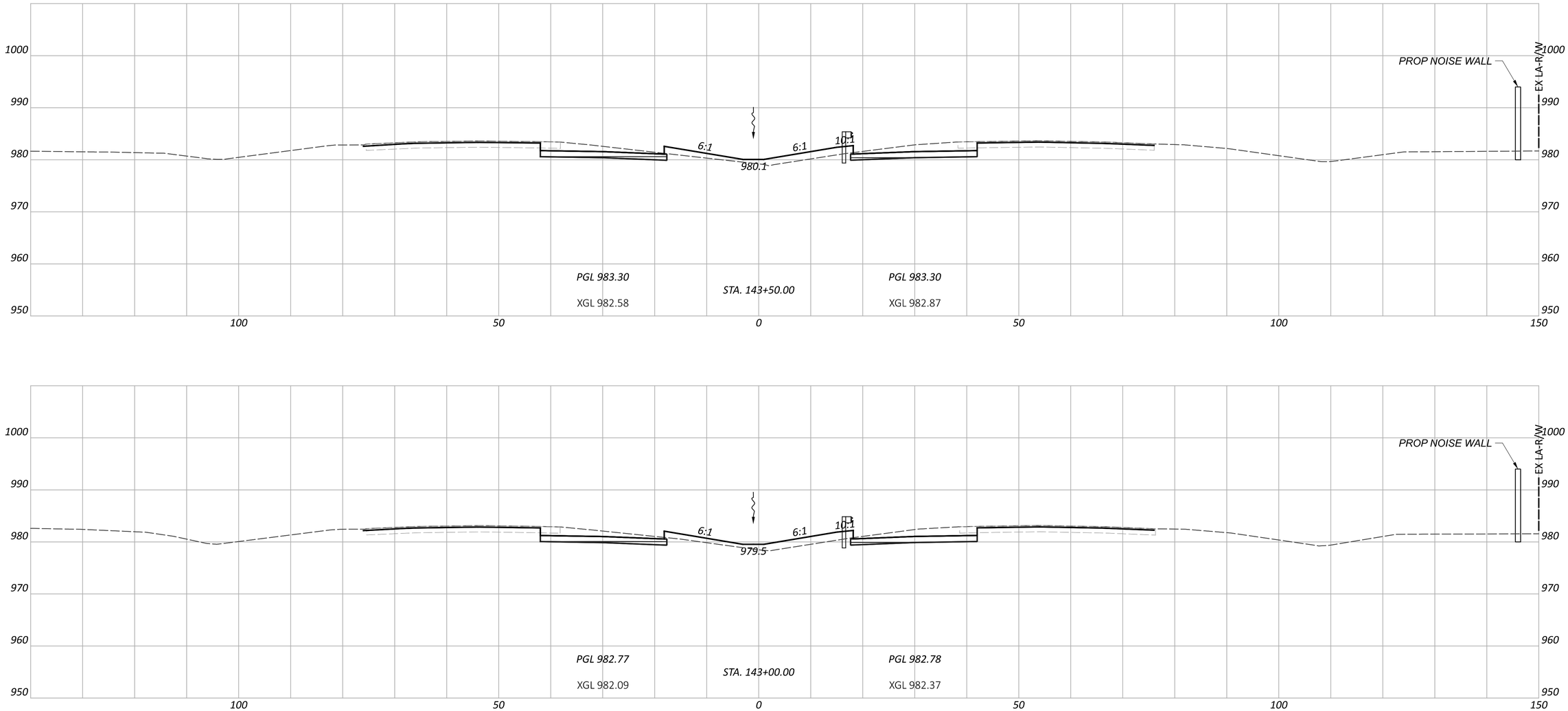
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 143+00.00 TO STA. 143+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 143+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:39 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

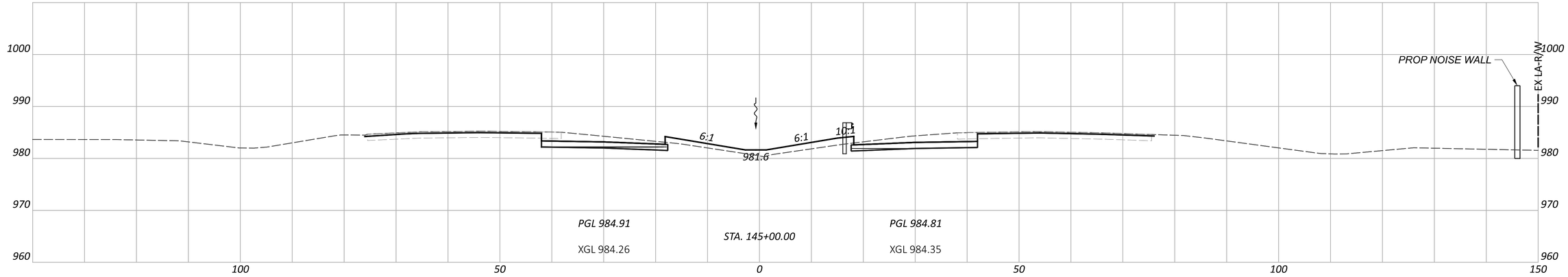
DESIGNER
BER

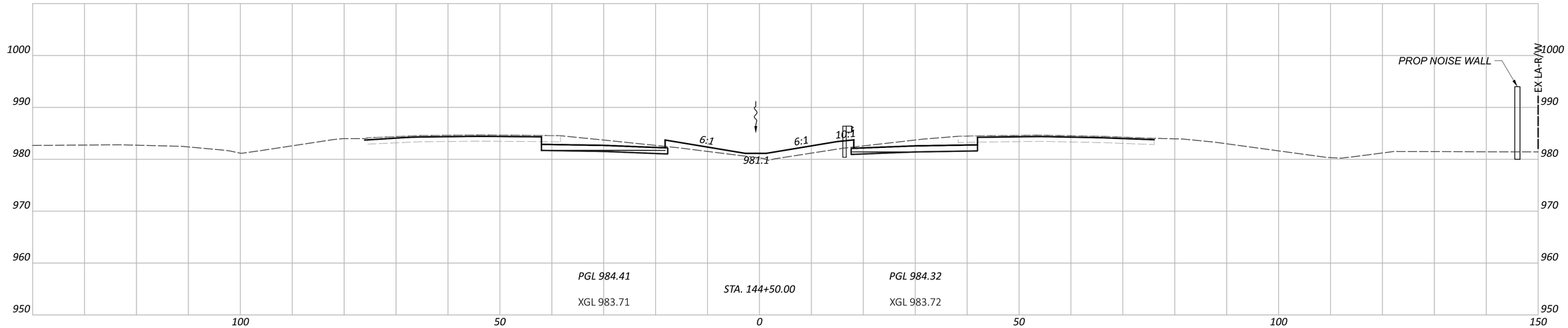
REVIEWER
KAM 08/07/26

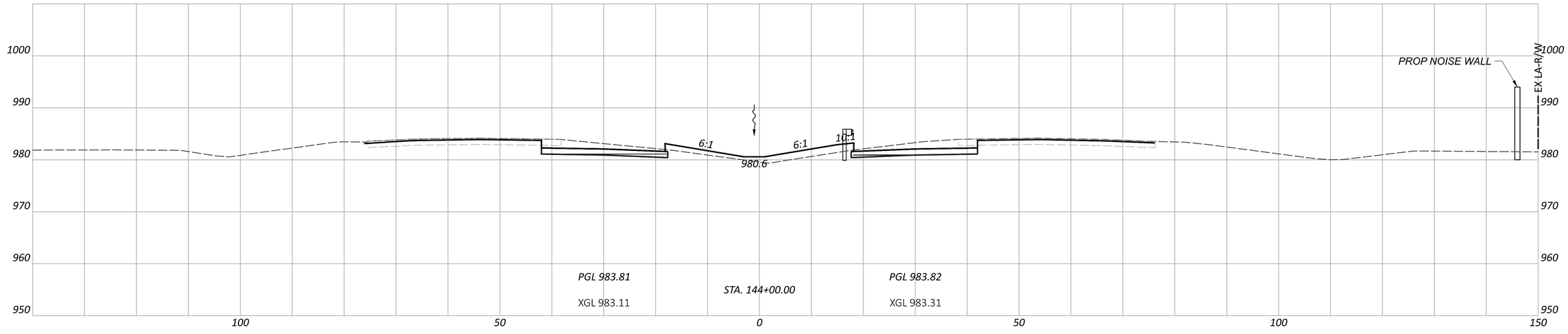
PROJECT ID
96808

SHEET P.0709 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 144+00.00 TO STA. 144+50.00

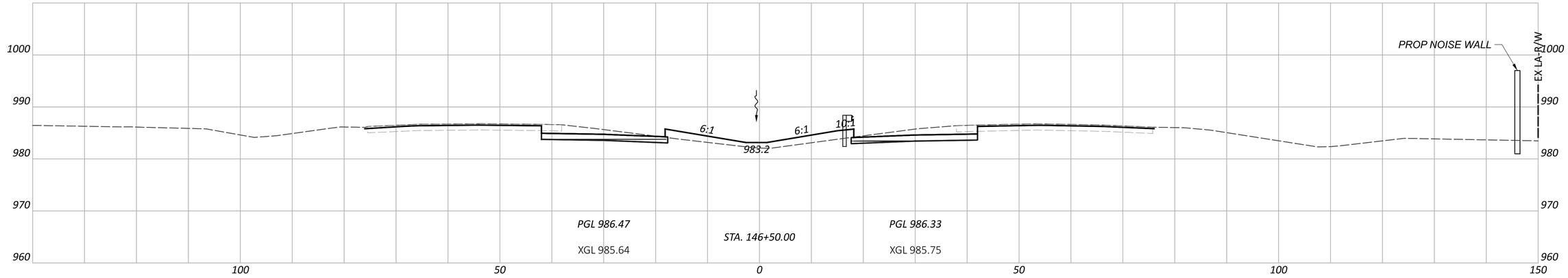
DESIGN AGENCY
STRUCTUREPOINT LLC

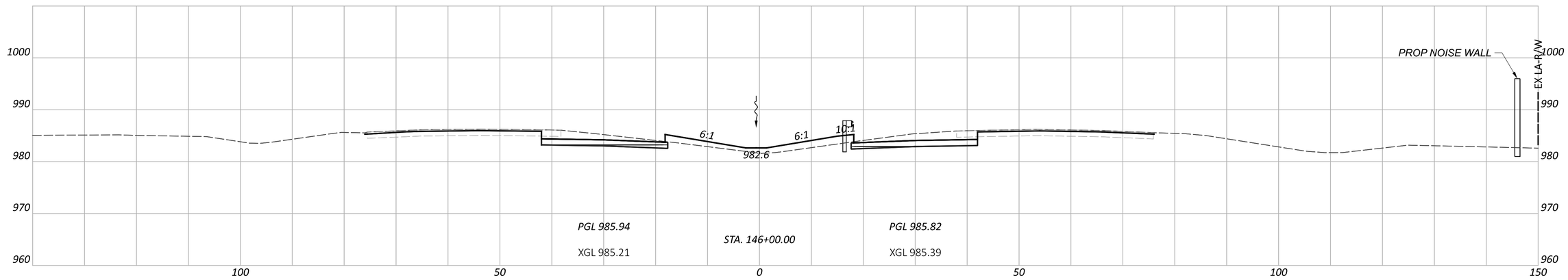
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0710
TOTAL	P.2024

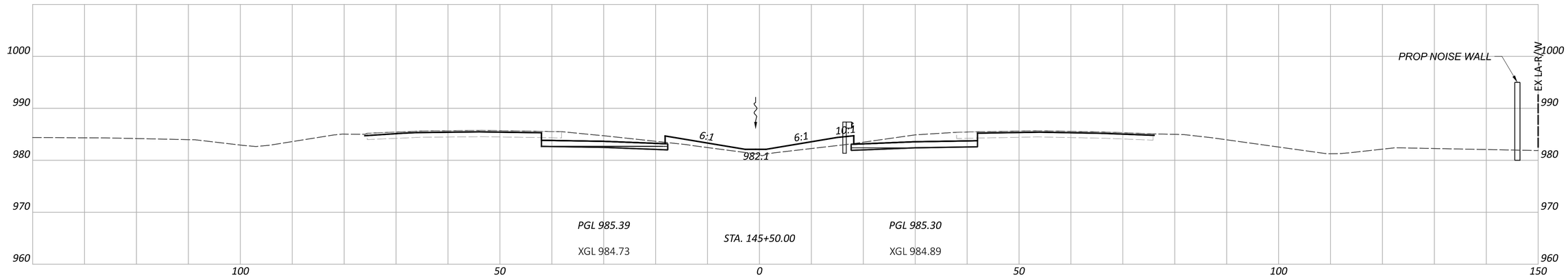
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 144+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:42 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 145+00.00 TO STA. 146+50.00

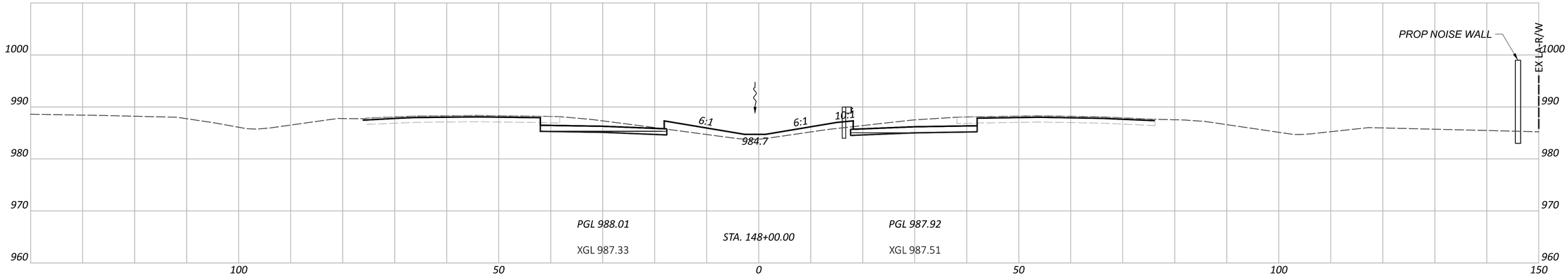
DESIGN AGENCY
STRUCTUREPOINT LLC

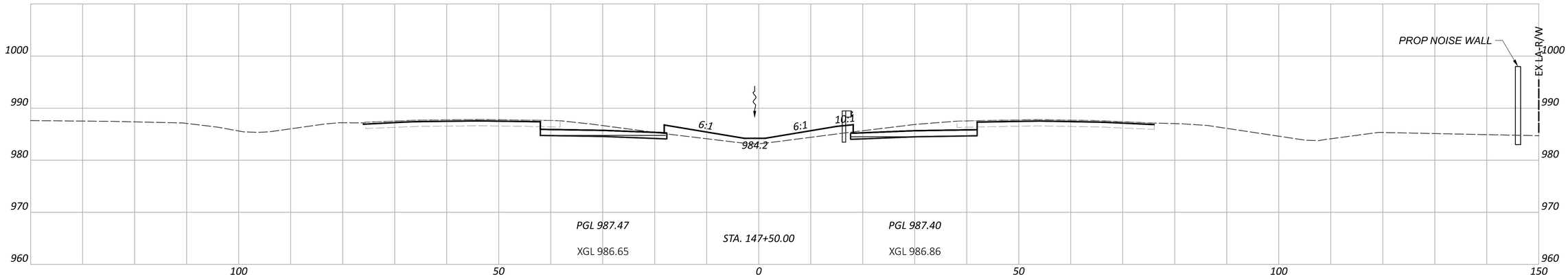
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0711
TOTAL	P.2024

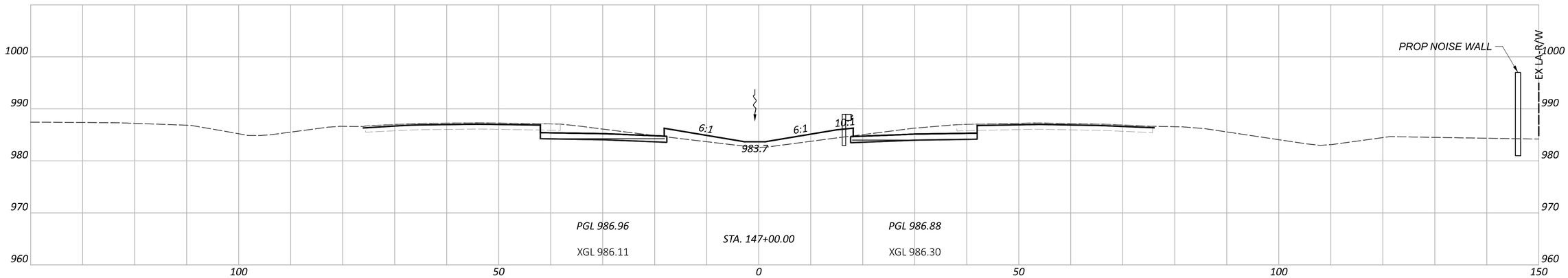
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 145+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:45 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 147+00.00 TO STA. 148+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

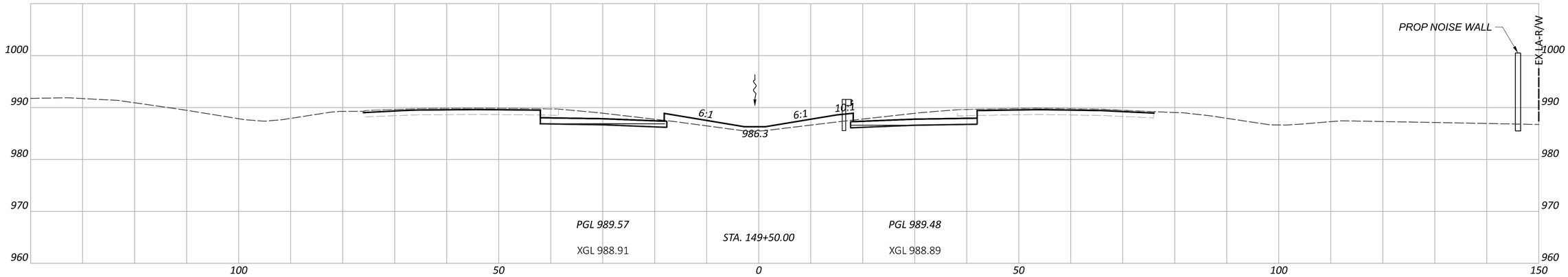
PROJECT ID
96808

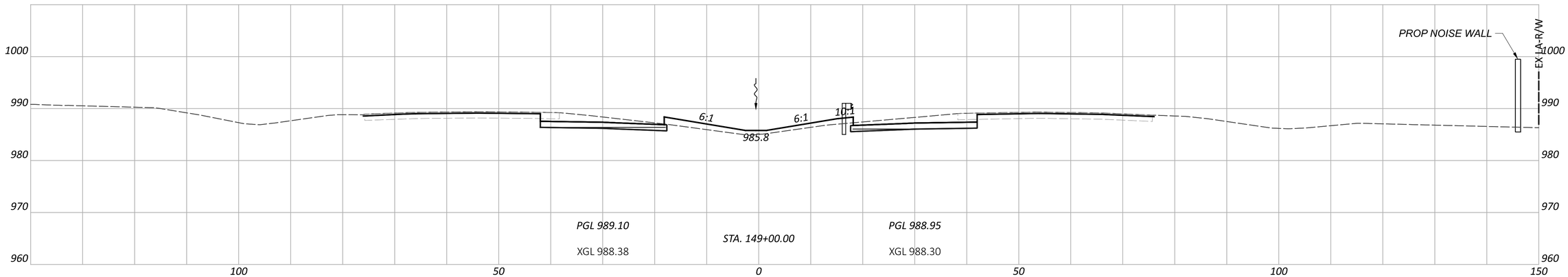
SHEET P.0712 TOTAL P.2024

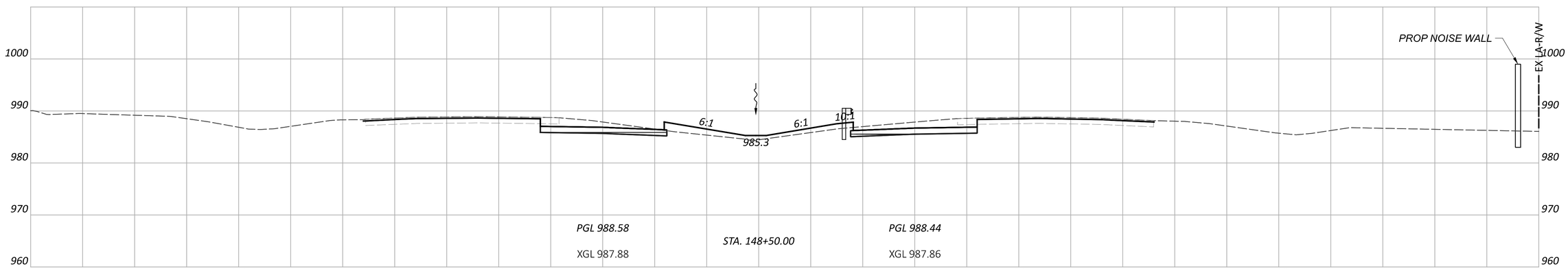
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 147+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:48 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - IR 70
STA. 148+50.00 TO STA. 149+50.00

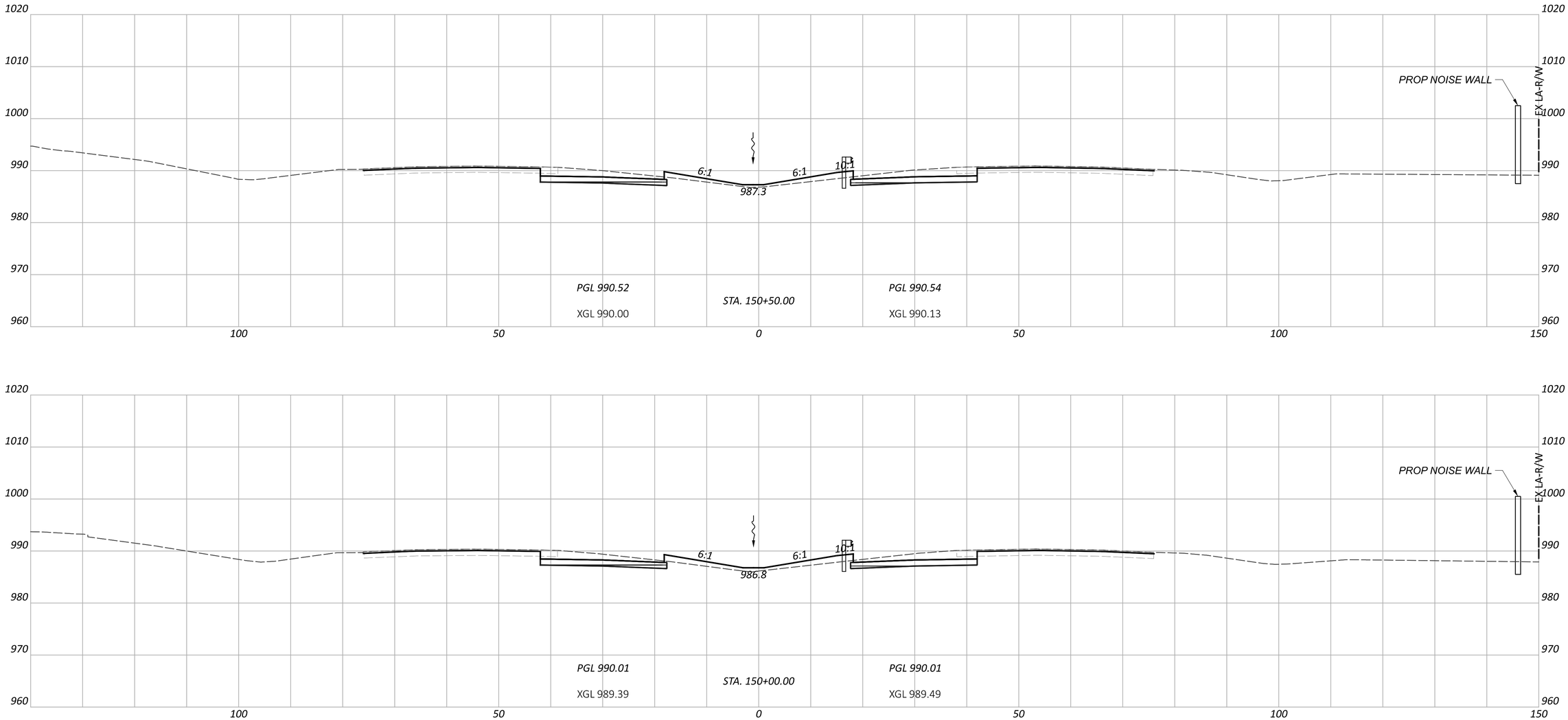
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0713
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 148+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:52 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\e01-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 150+00.00 TO STA. 150+50.00

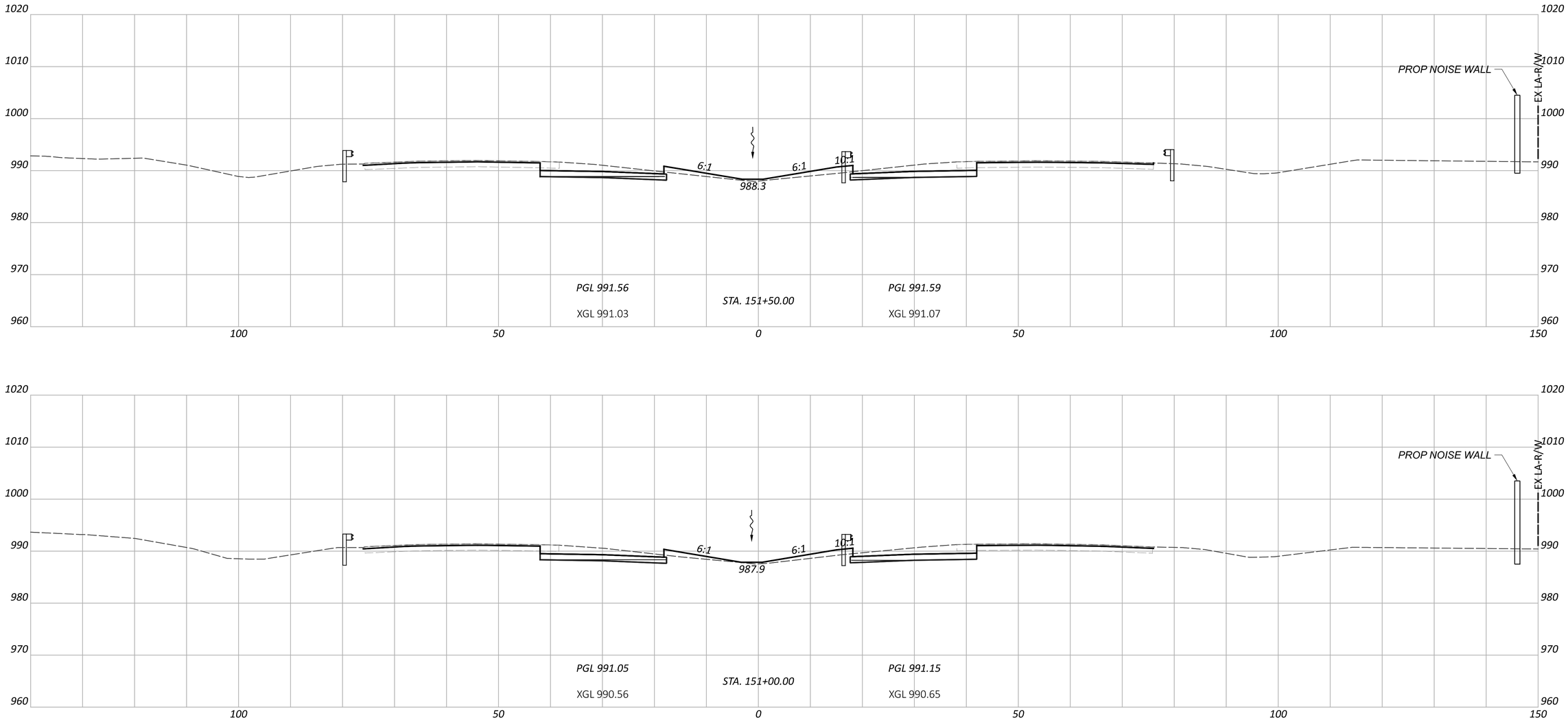
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 150+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:55 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0714
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 151+00.00 TO STA. 151+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 151+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:58 AM USER: brieder
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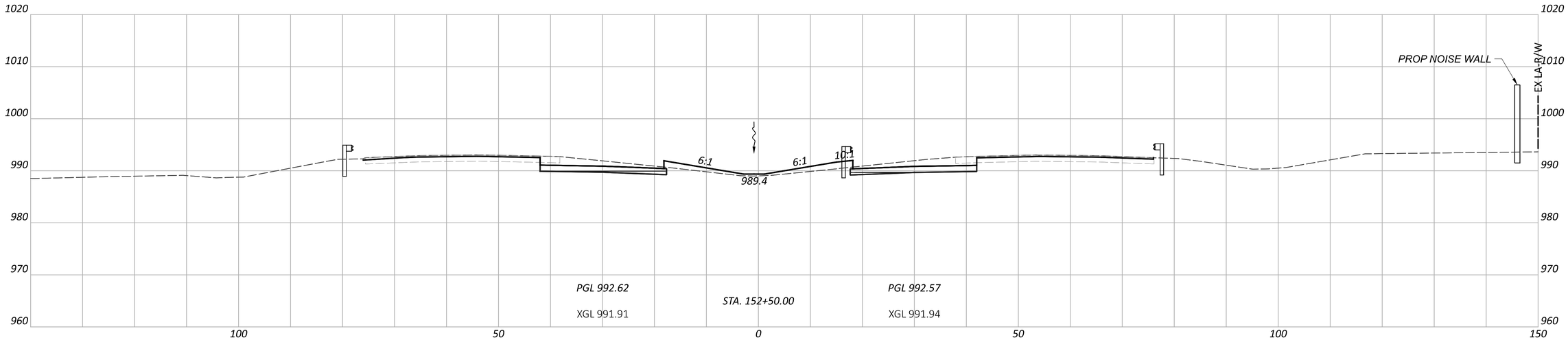
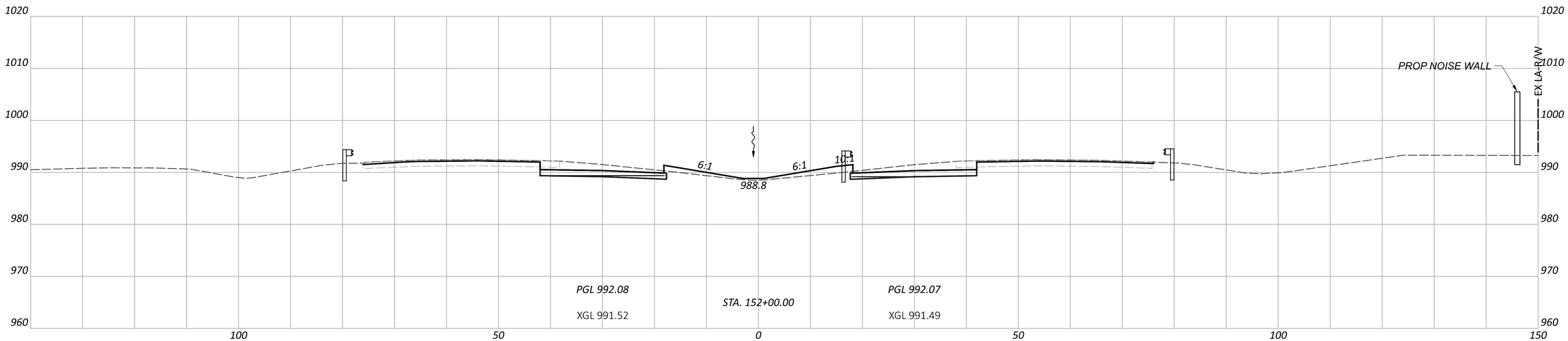
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0715
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 152+00.00 TO STA. 152+50.00

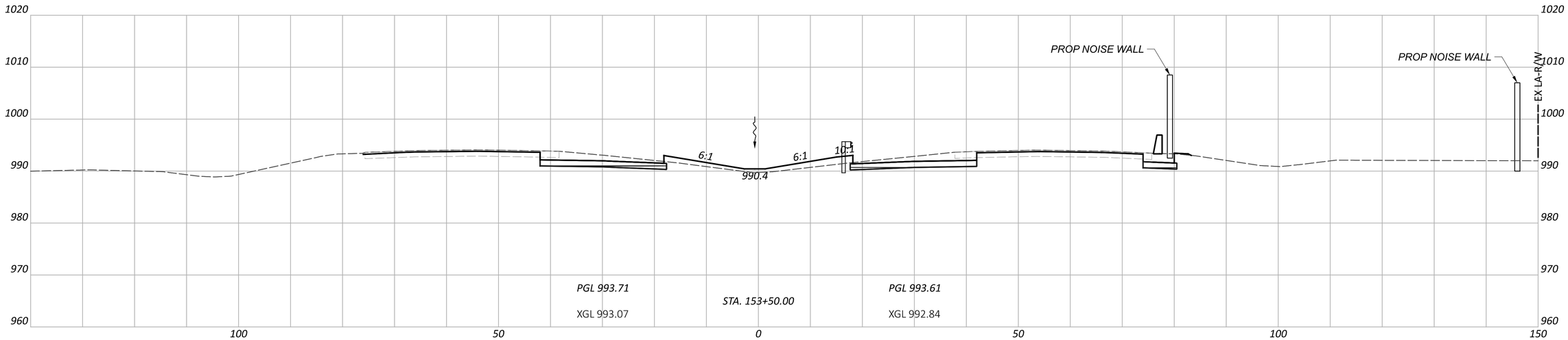
DESIGN AGENCY
STRUCTUREPOINT LLC

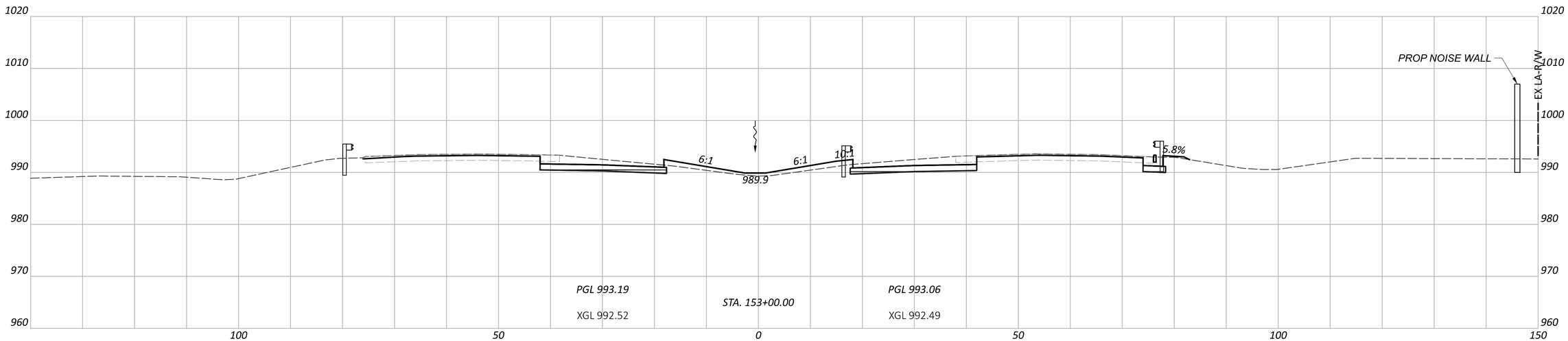
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0716
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 152+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:01 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 153+00.00 TO STA. 153+50.00

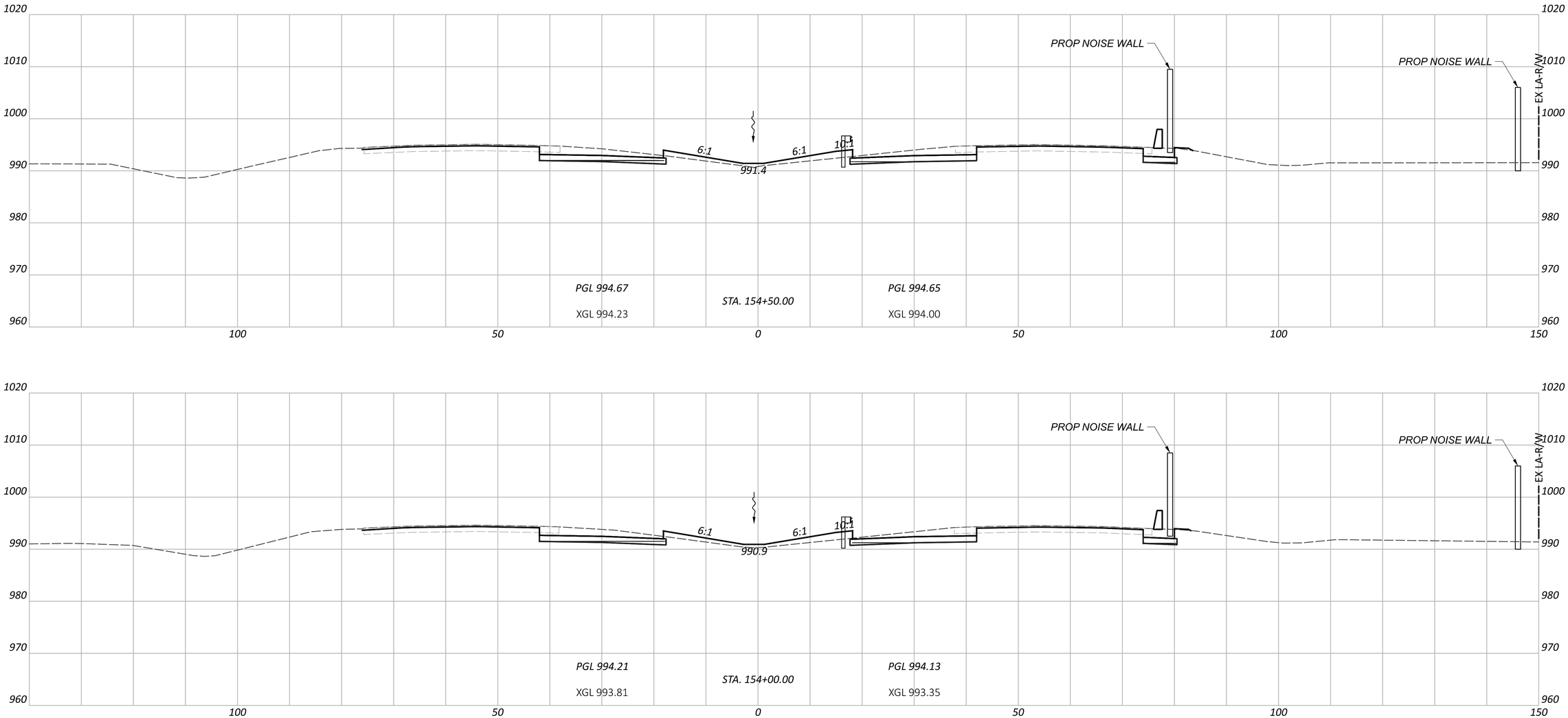
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0717
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 153+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:04 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 154+00.00 TO STA. 154+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0718
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 154+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:07 AM USER: brieder
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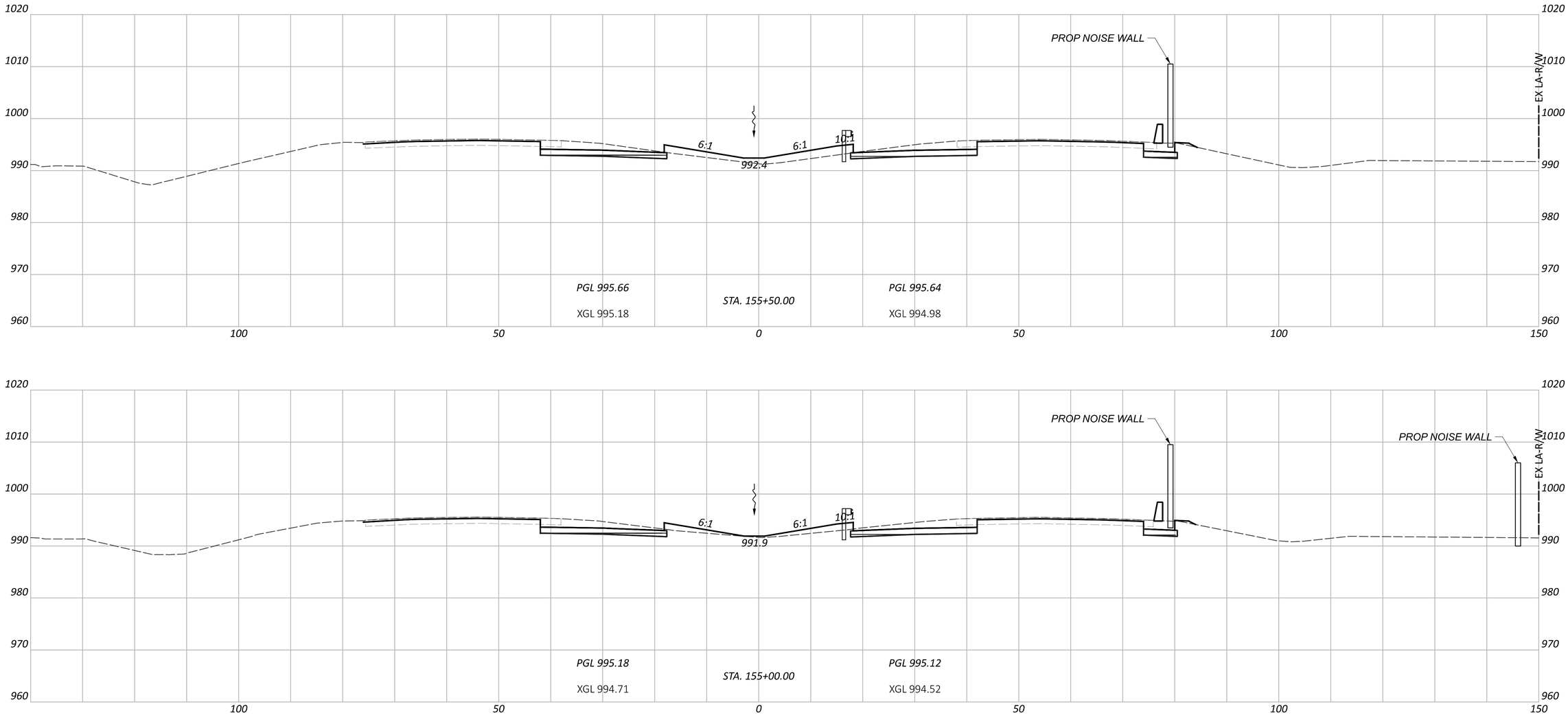
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 155+00.00 TO STA. 155+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 155+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:09 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

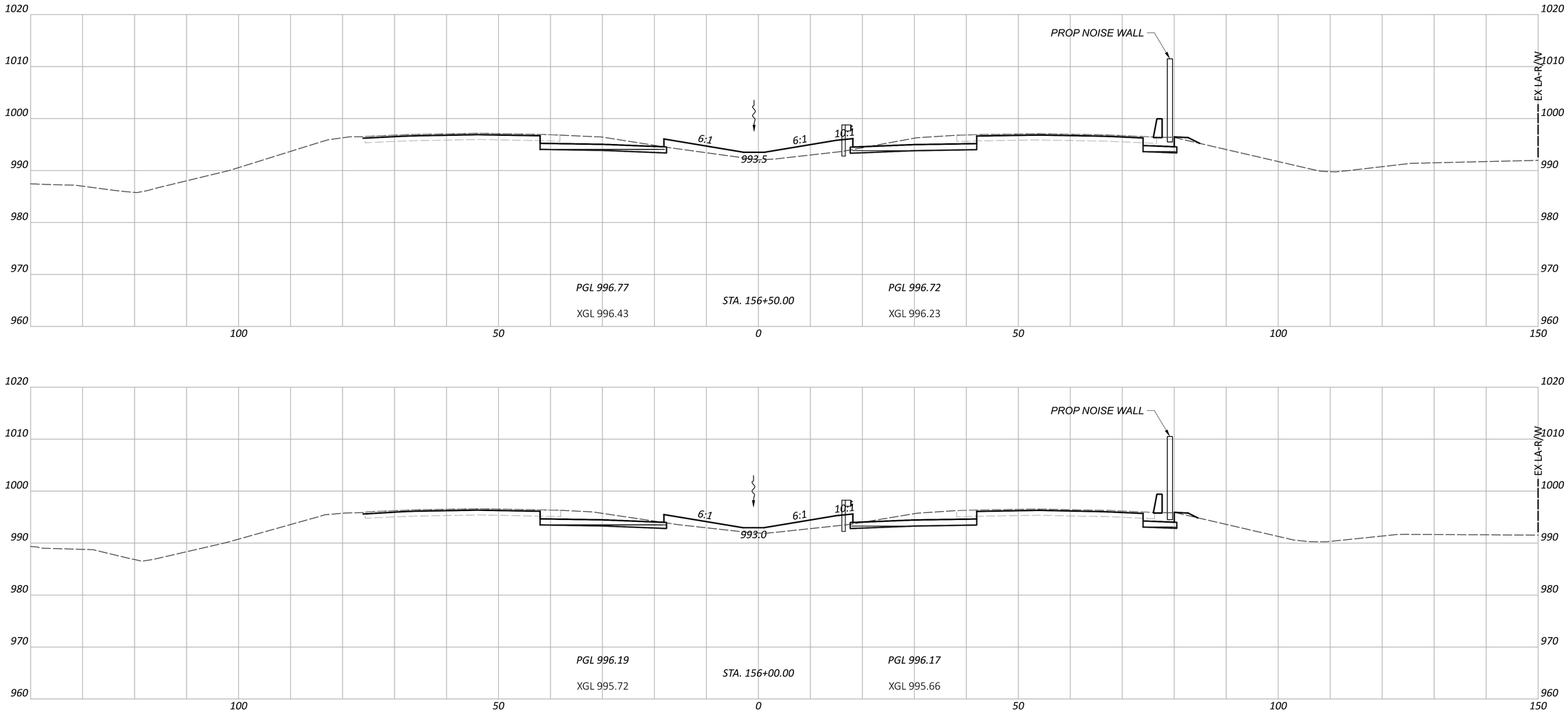
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0719 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 156+00.00 TO STA. 156+50.00

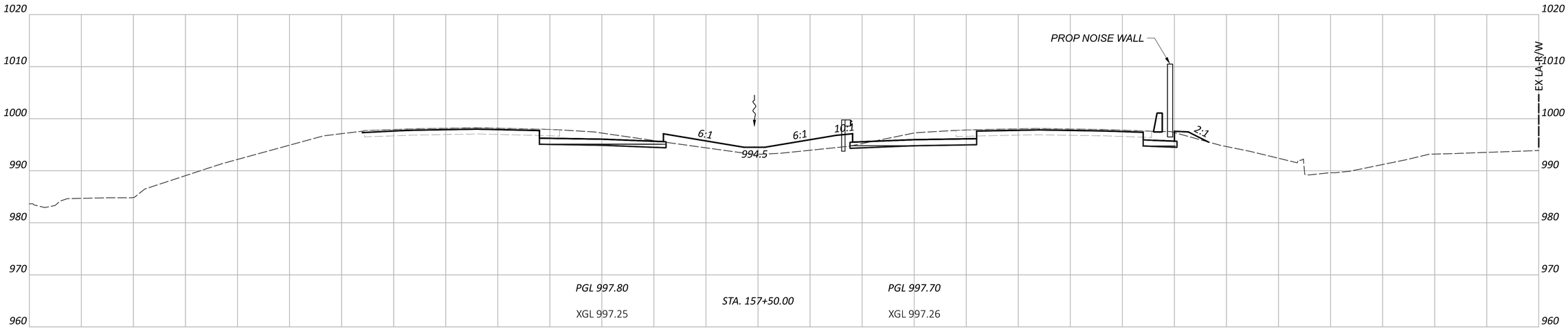
DESIGN AGENCY
STRUCTUREPOINT LLC

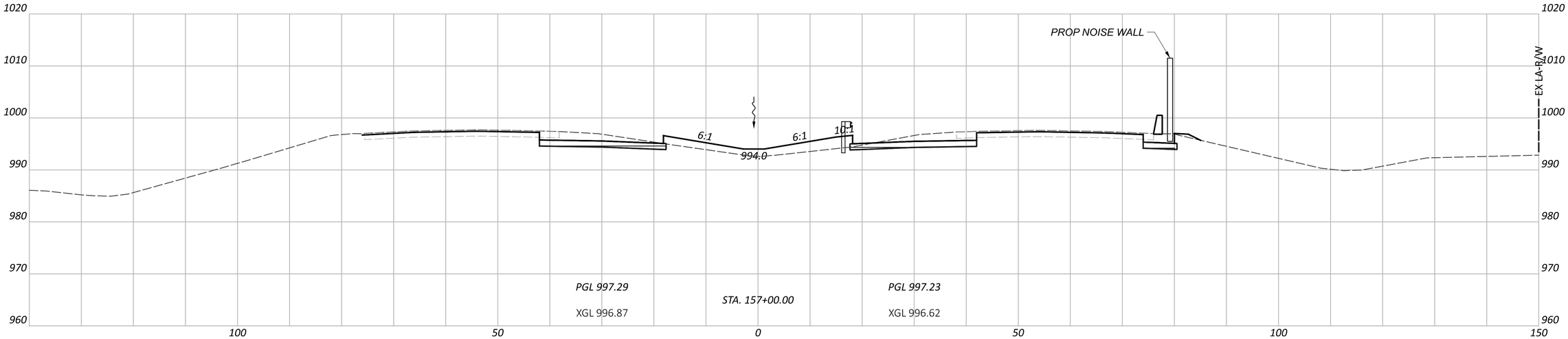
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0720
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 156+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:12 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 157+00.00 TO STA. 157+50.00

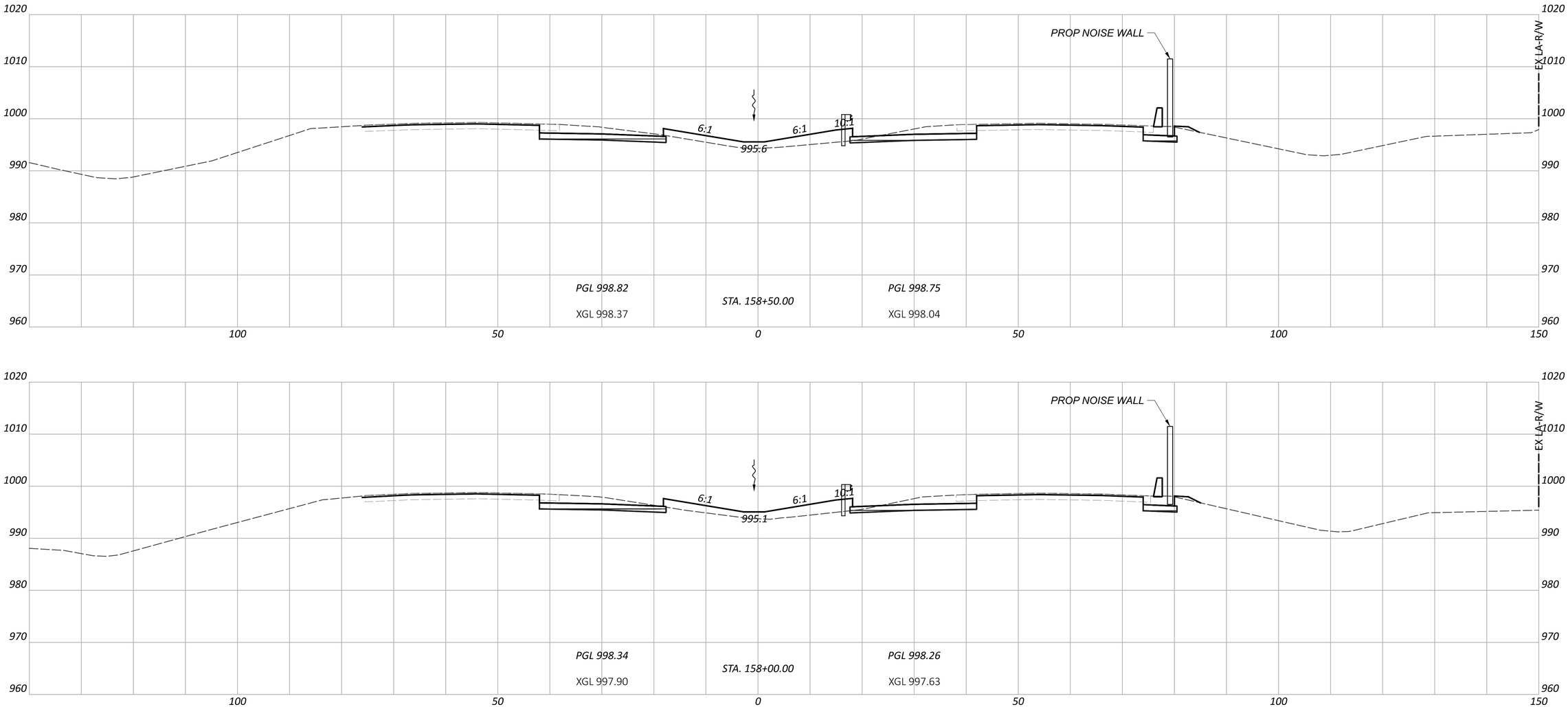
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0721
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 157+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:15 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 158+00.00 TO STA. 158+50.00

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0722 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 158+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:18 AM USER: brieder
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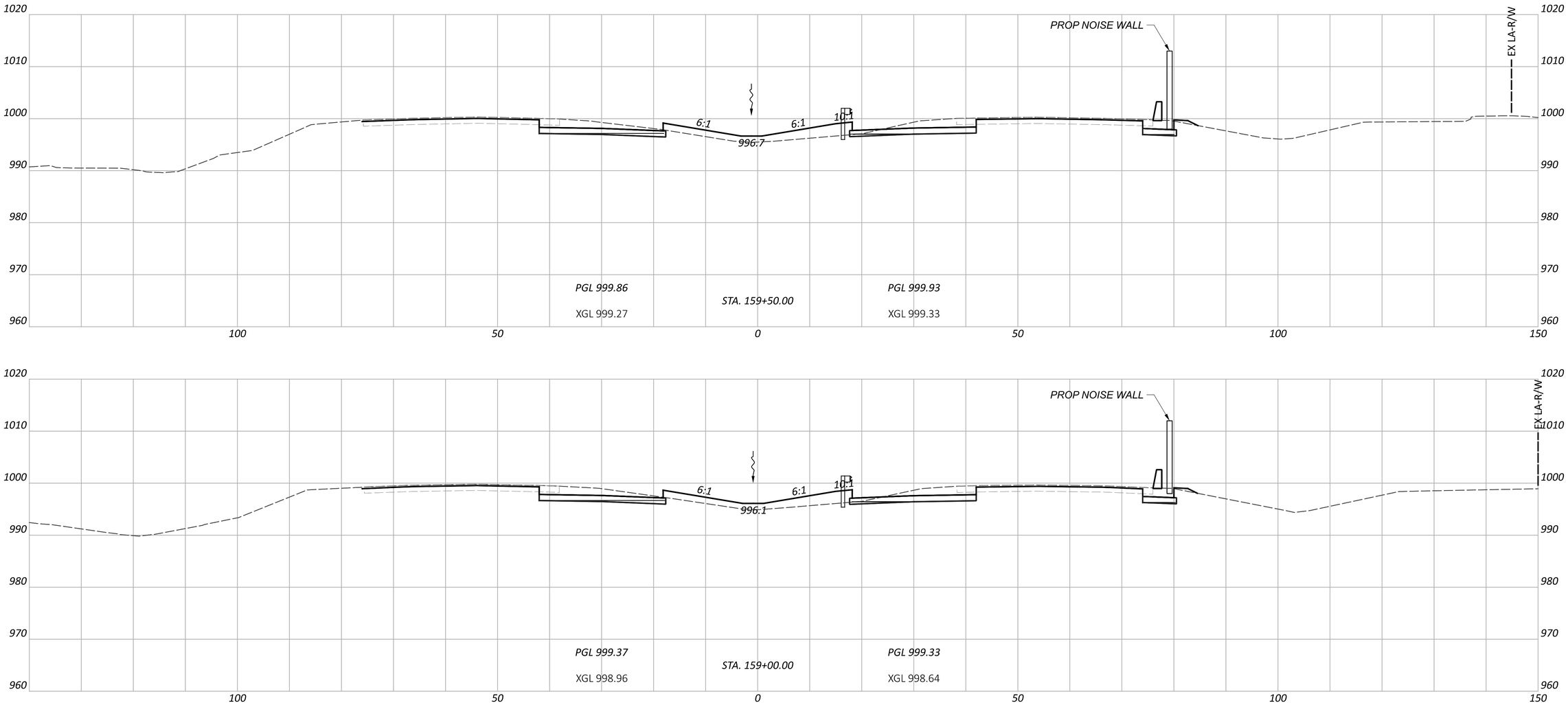
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 159+00.00 TO STA. 159+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0723
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 159+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:22 AM USER: brieder
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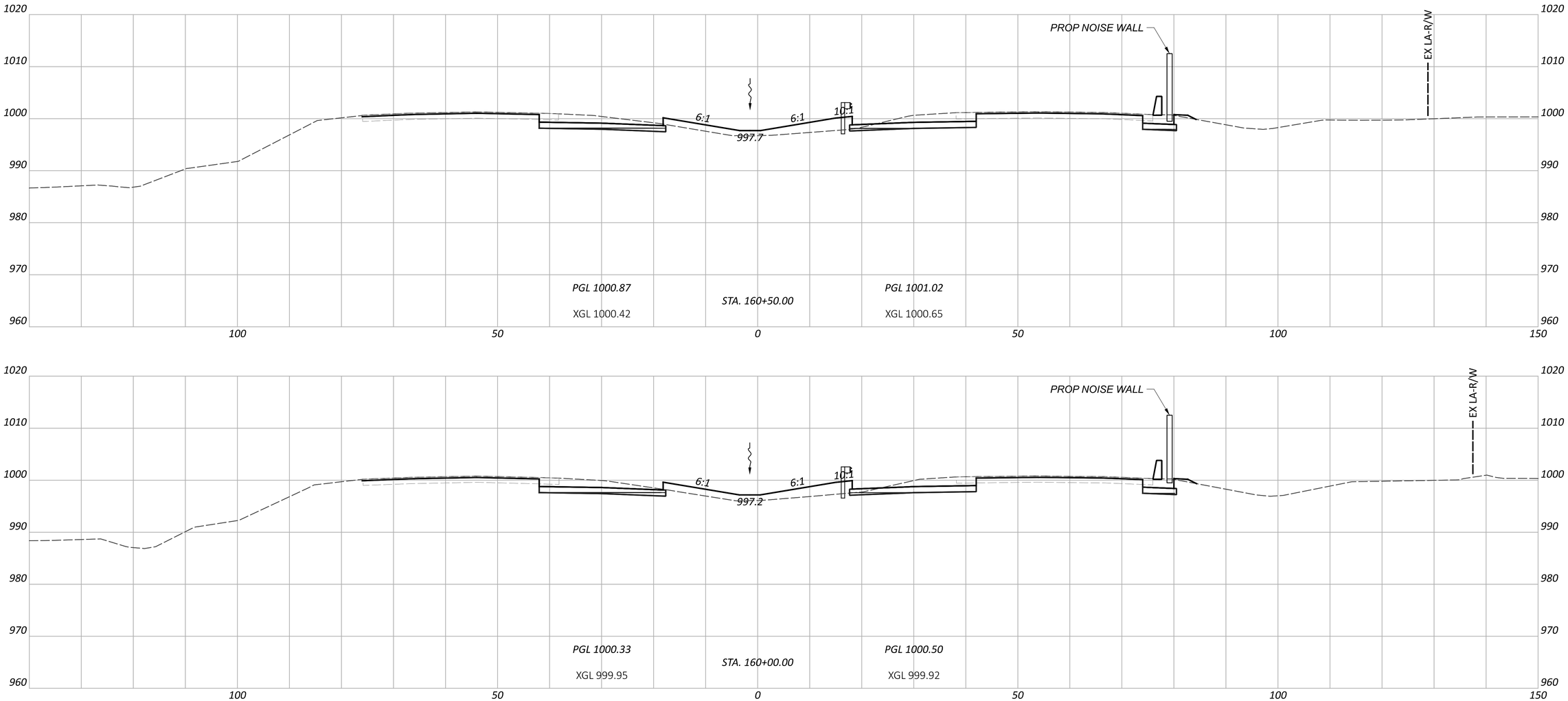
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 160+00.00 TO STA. 160+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0724
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 160+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:24 AM USER: brieder
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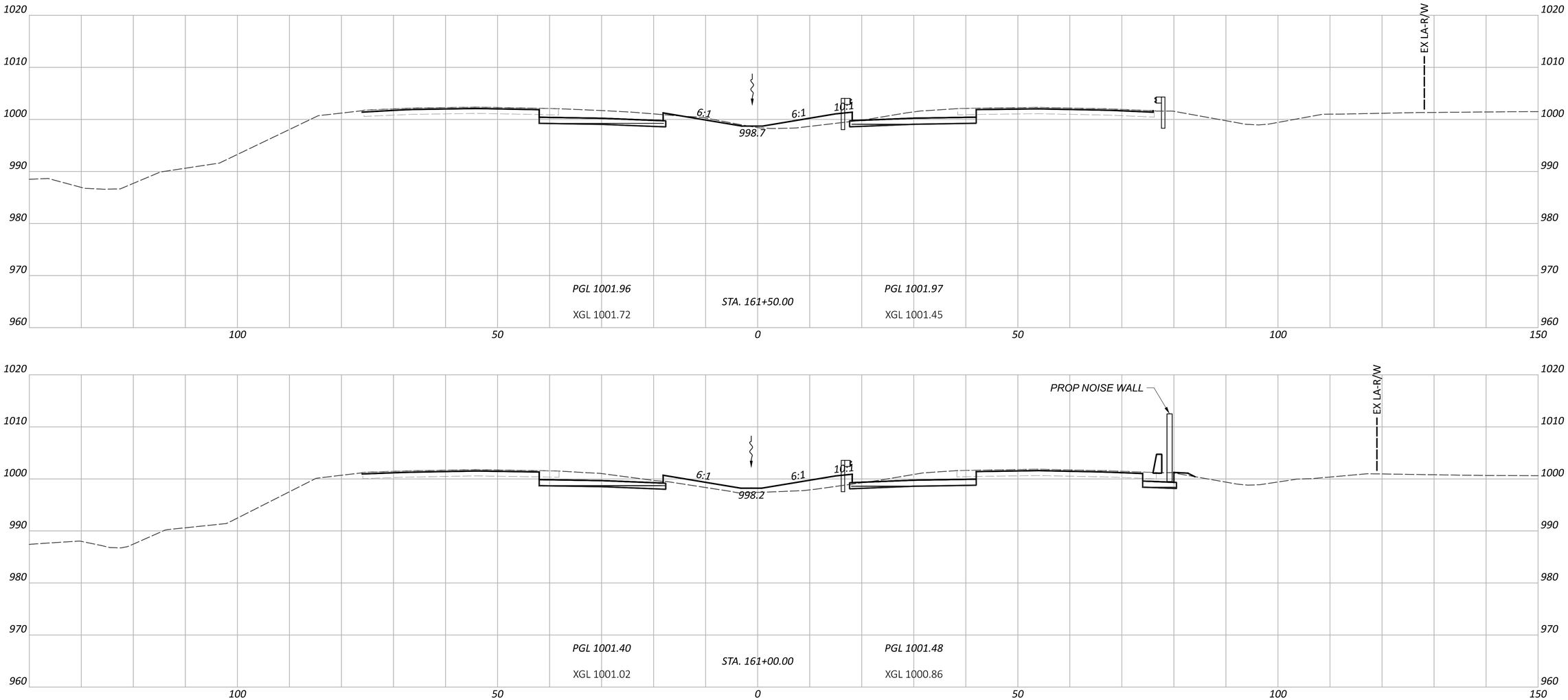
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 161+00.00 TO STA. 161+50.00

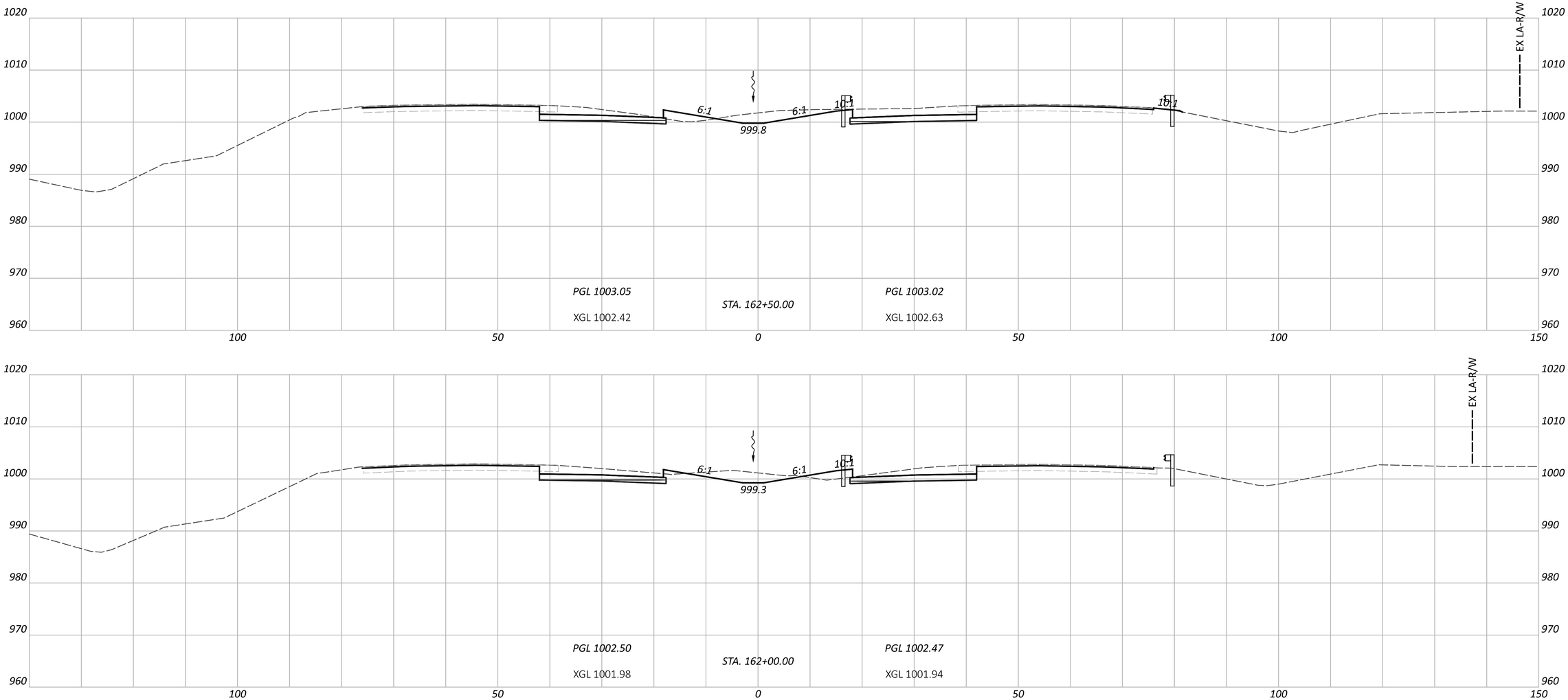
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0725
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 161+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:28 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 162+00.00 TO STA. 162+50.00

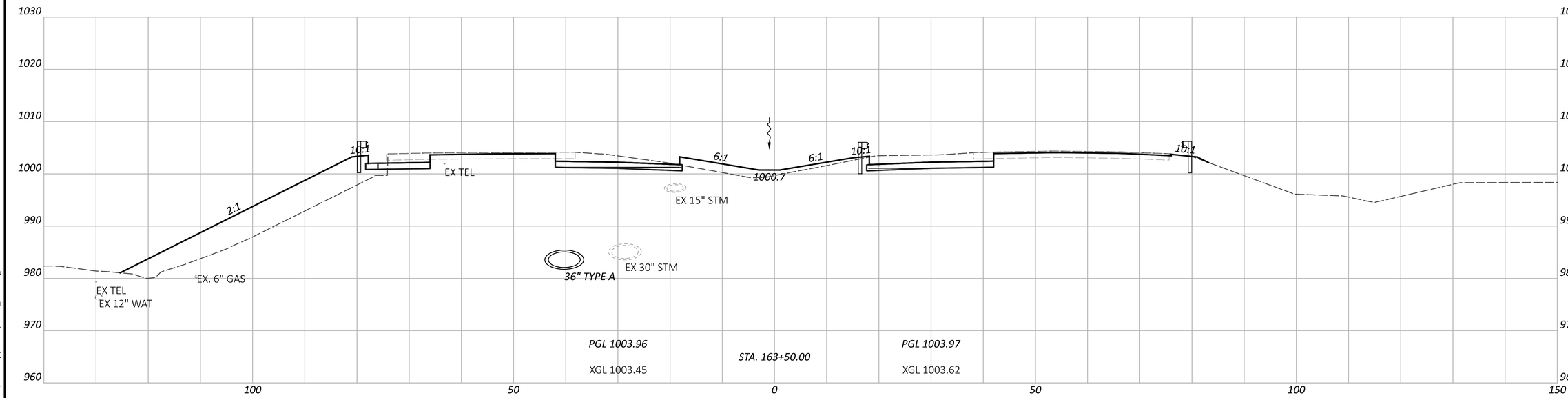
FAI/LIC-IR 70-0.00/0.00

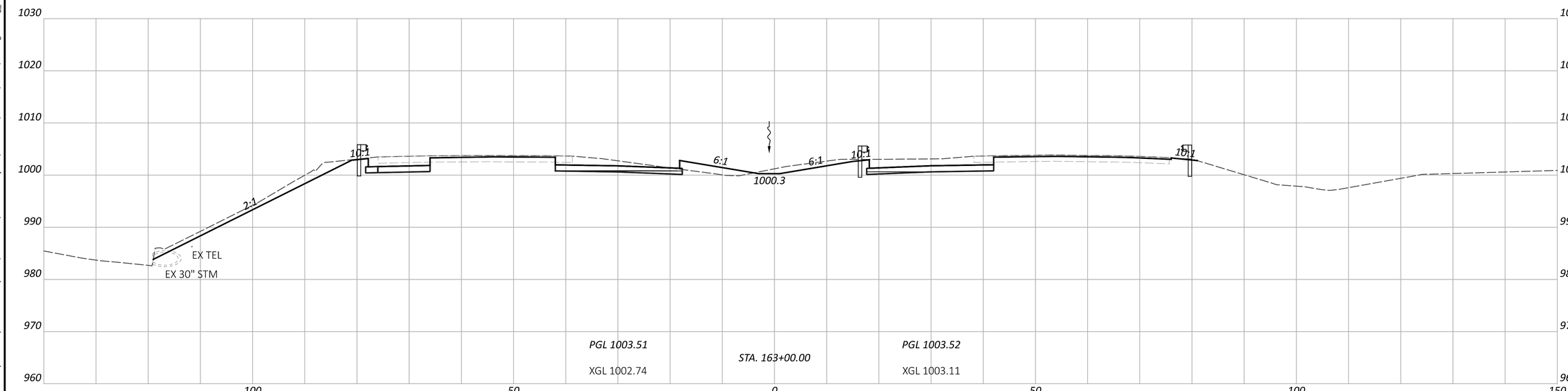
MODEL: CLP_I070 - A 162+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:30 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0726
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 163+00.00 TO STA. 163+50.00

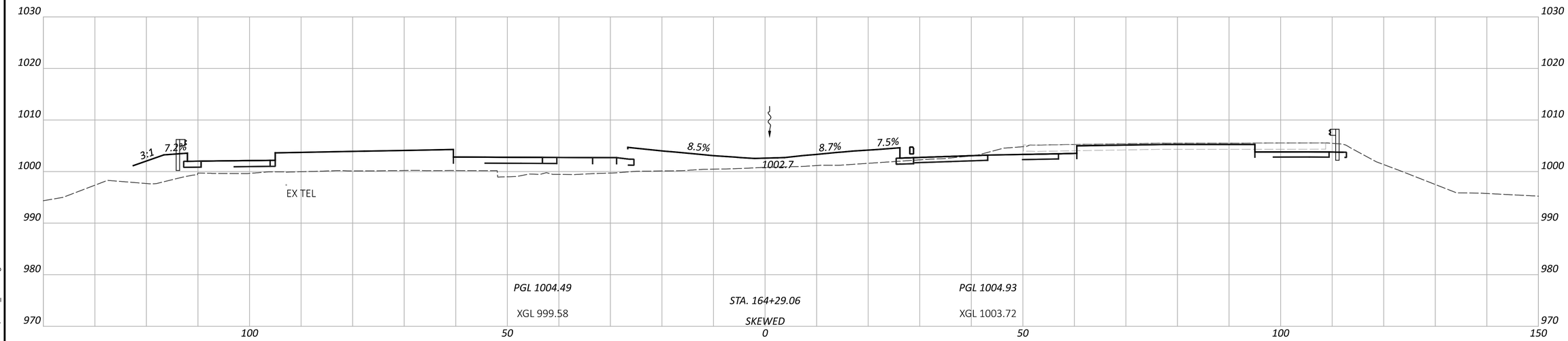
DESIGN AGENCY
STRUCTUREPOINT LLC

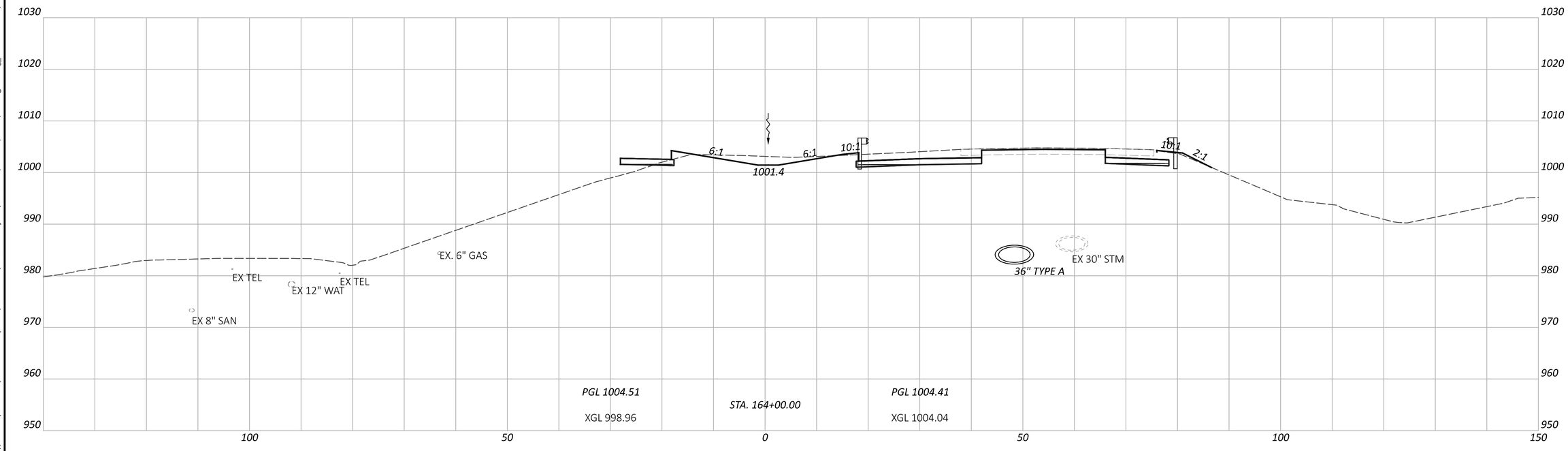
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0727
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 163+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:34 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - IR 70
STA. 164+00.00 TO STA. 164+29.06

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 164+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:36 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

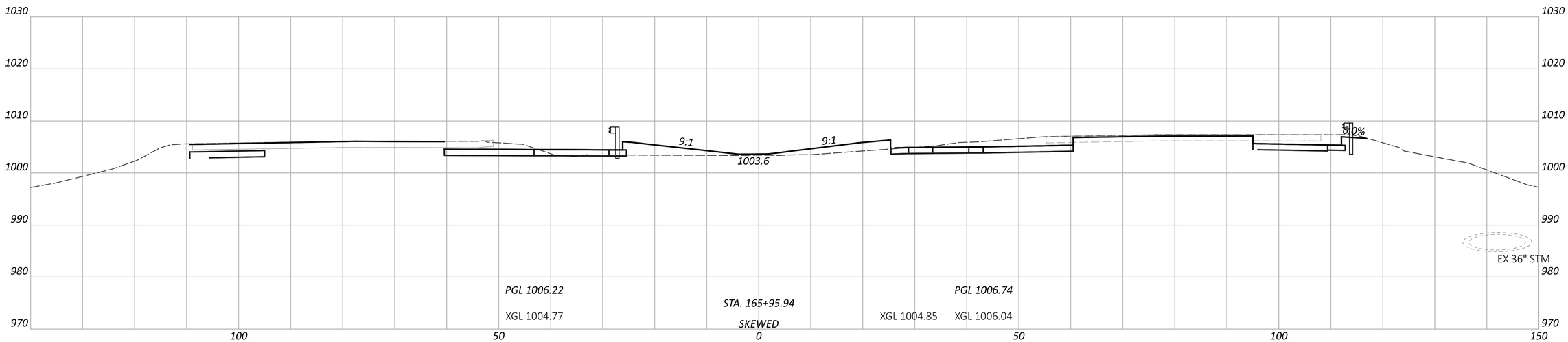
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0728 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 165+95.94

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 165+95.94 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:40 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS108.dgn

DESIGN AGENCY
STRUCTUREPOINT

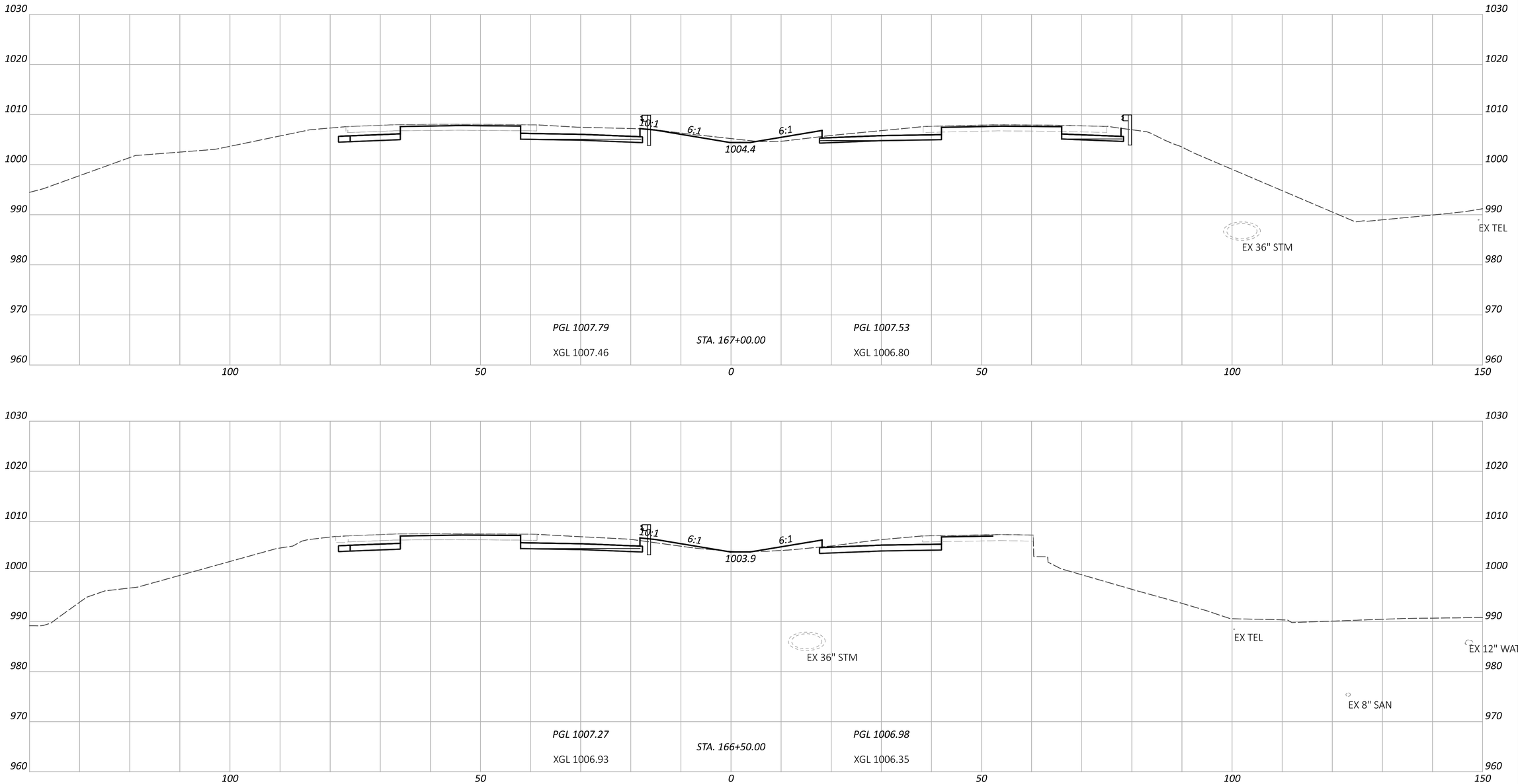
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0729 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - IR 70
STA. 166+50.00 TO STA. 167+00.00

FAI/LIC-IR 70-0.00/0.00

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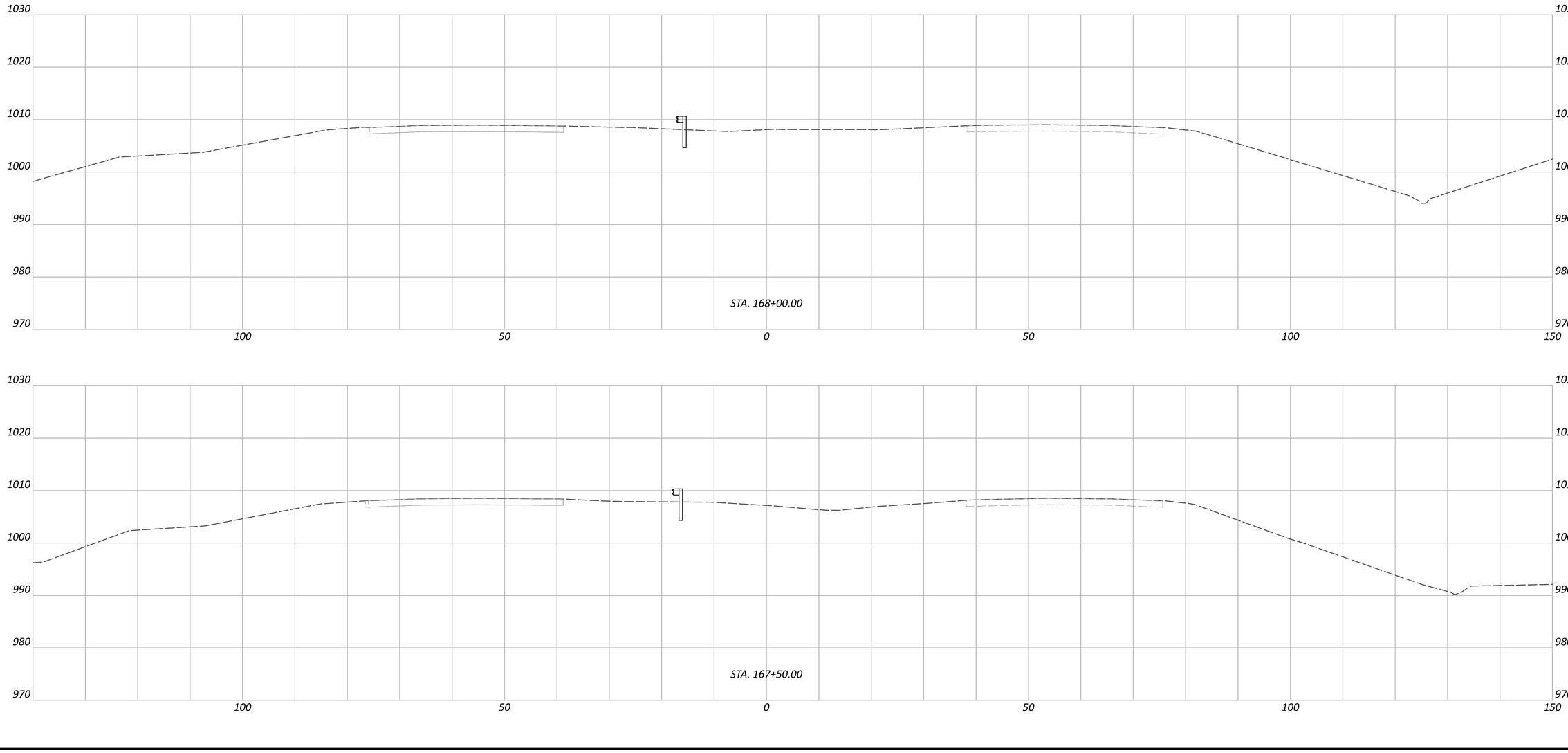
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0730
TOTAL	P.2024



CROSS SECTIONS - IR 70
STA. 167+50.00 TO STA. 168+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - A 167+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:07:45 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

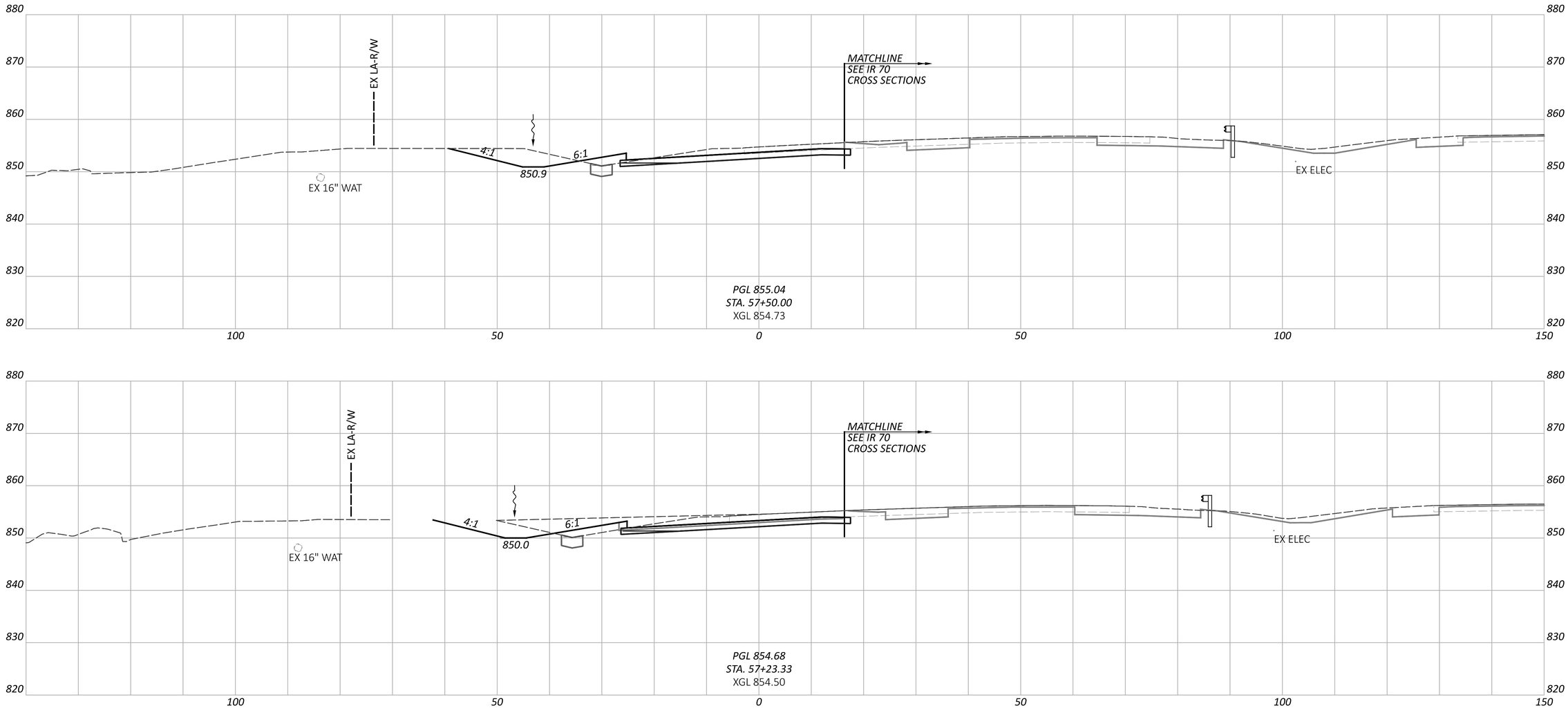
PROJECT ID
96808

SHEET P.0731 TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 855.04
STA. 57+50.00
XGL 854.73

PGL 854.68
STA. 57+23.33
XGL 854.50

CROSS SECTIONS - RAMP A
STA. 57+23.33 TO STA. 57+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

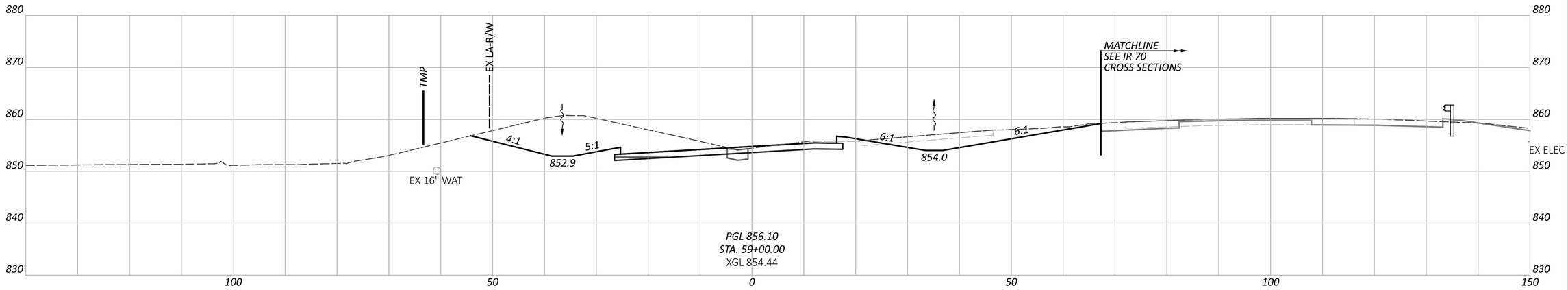
SHEET P.0732 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

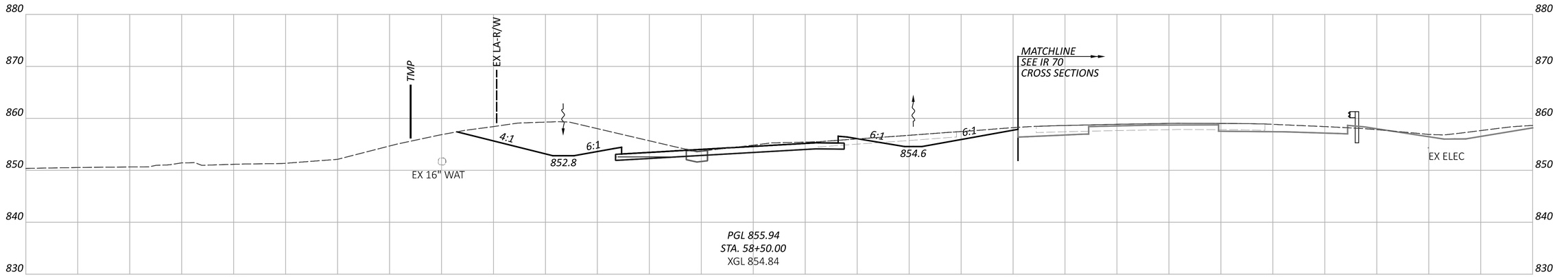
MODEL: BLP_R070A - 57+23.33 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:07 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS210.dgn

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

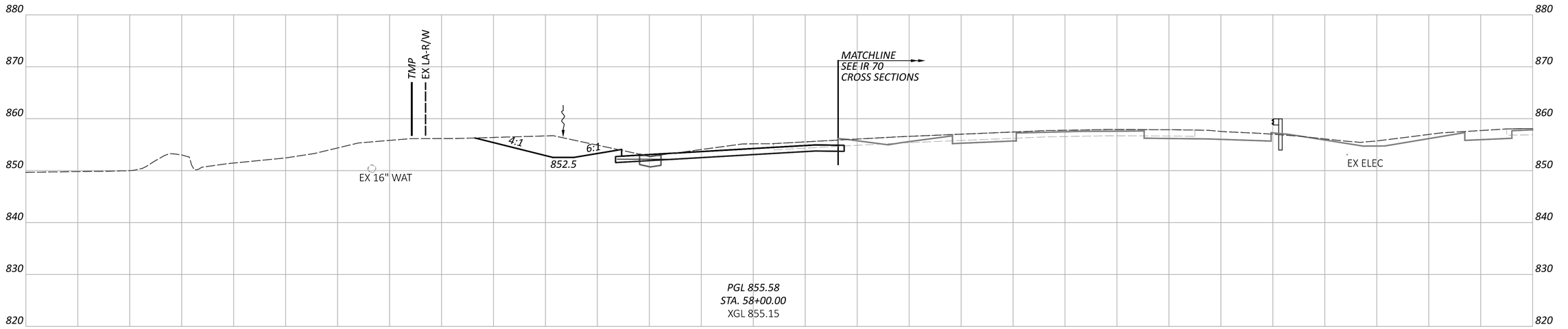
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 856.10
STA. 59+00.00
XGL 854.44



PGL 855.94
STA. 58+50.00
XGL 854.84



PGL 855.58
STA. 58+00.00
XGL 855.15

CROSS SECTIONS - RAMP A
STA. 58+00.00 TO STA. 59+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0733 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 58+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:13 AM USER: brieder
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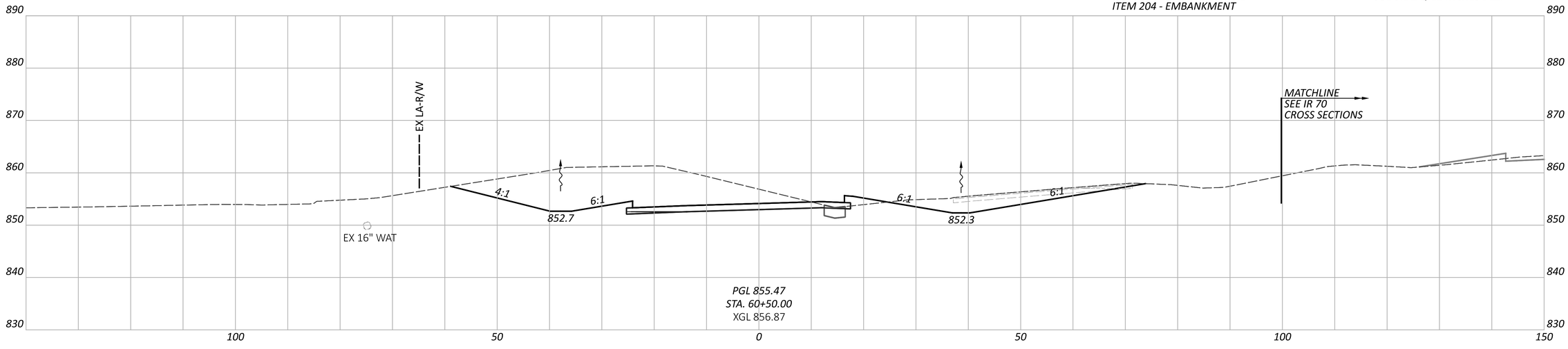
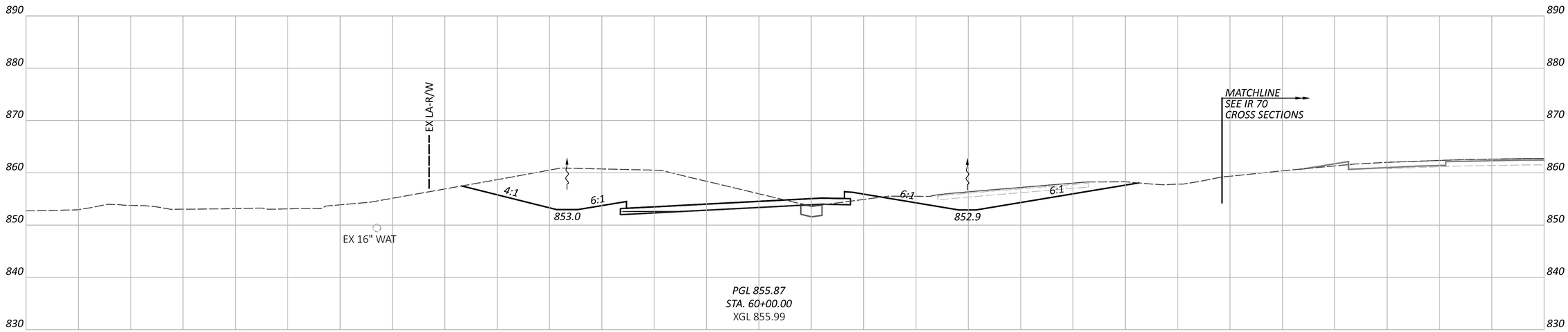
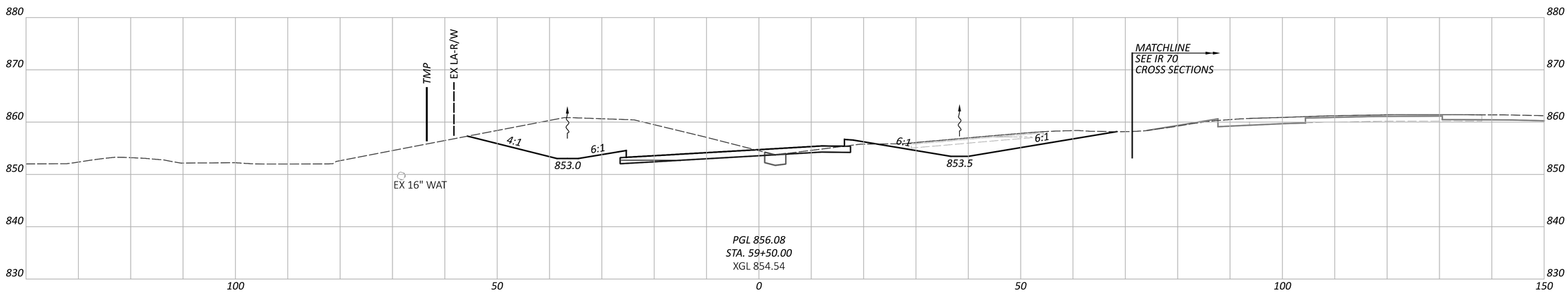
EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP A
STA. 59+50.00 TO STA. 60+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 59+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:16 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

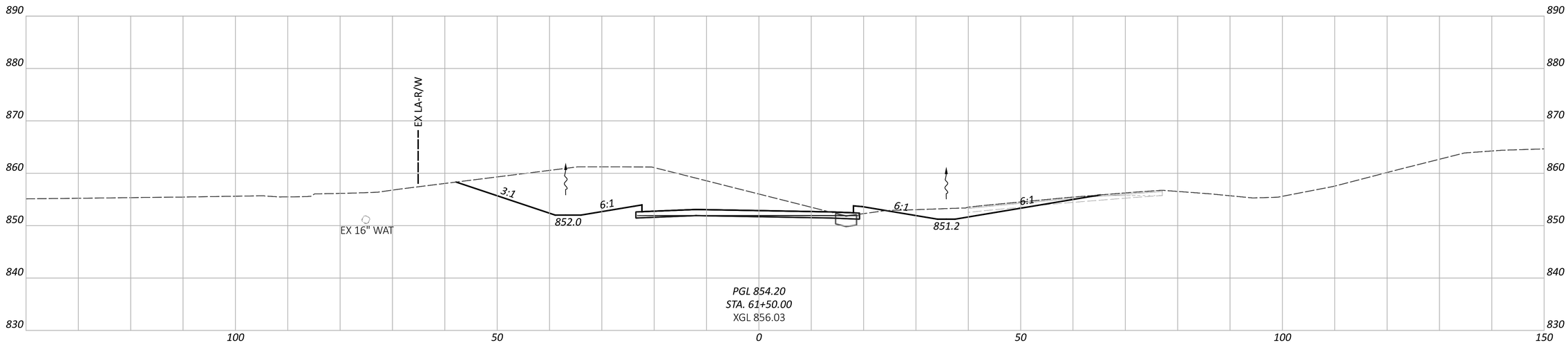
PROJECT ID
96808

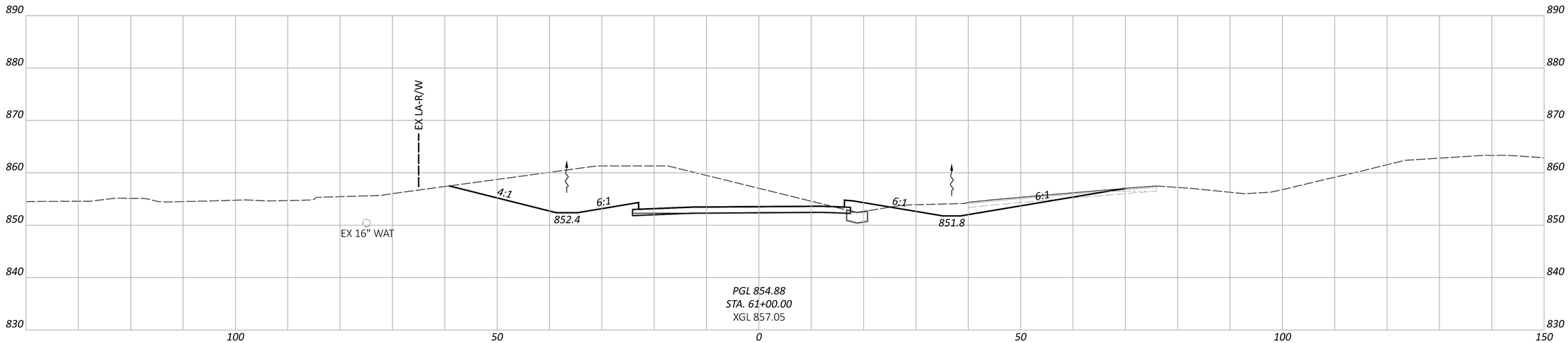
SHEET P.0734 | TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP A
STA. 61+00.00 TO STA. 61+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0735 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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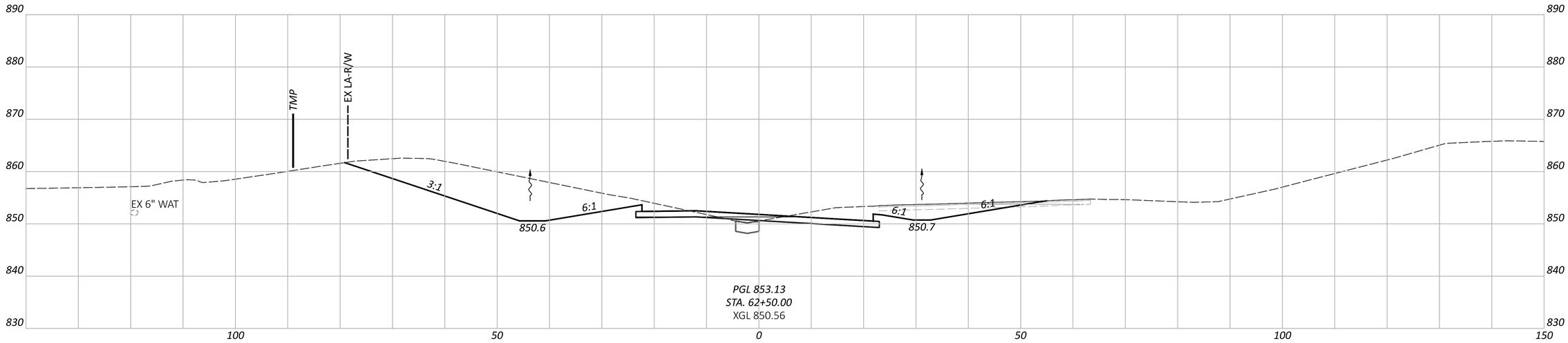
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS210.dgn

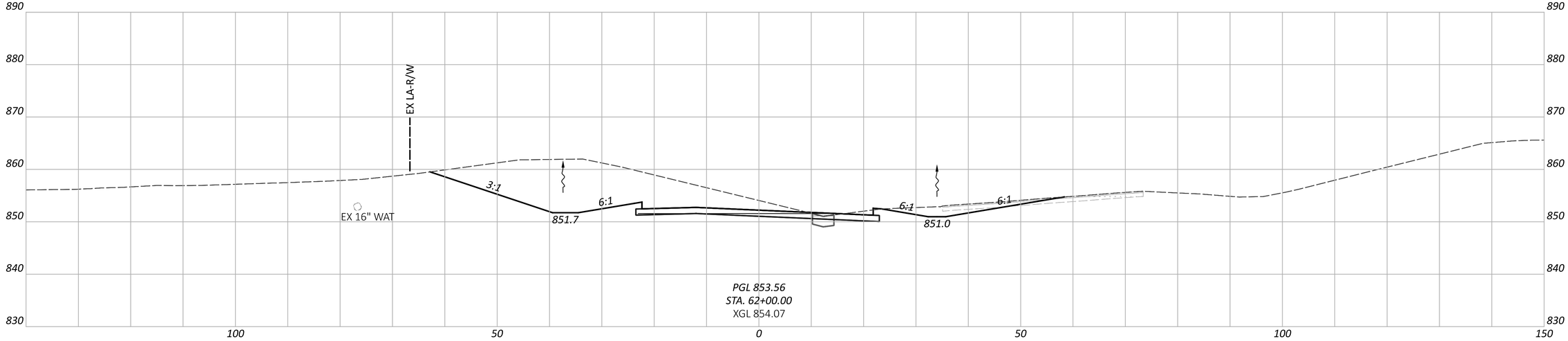
EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 853.13
STA. 62+50.00
XGL 850.56



PGL 853.56
STA. 62+00.00
XGL 854.07

CROSS SECTIONS - RAMP A
STA. 62+00.00 TO STA. 62+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0736 | TOTAL P.2024

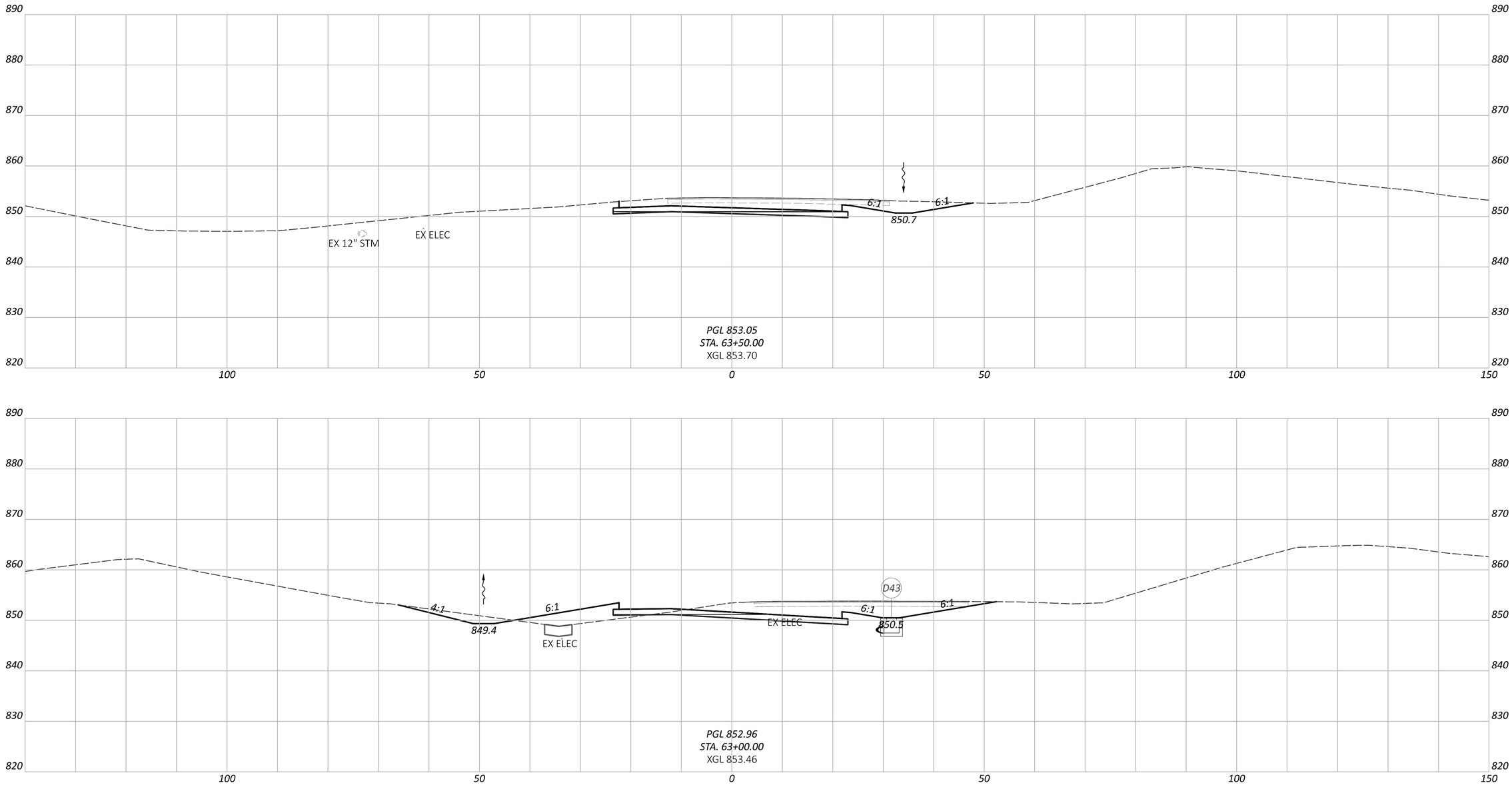
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 62+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:24 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS210.dgn

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP A
STA. 63+00.00 TO STA. 63+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 63+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:27 AM USER: brieder
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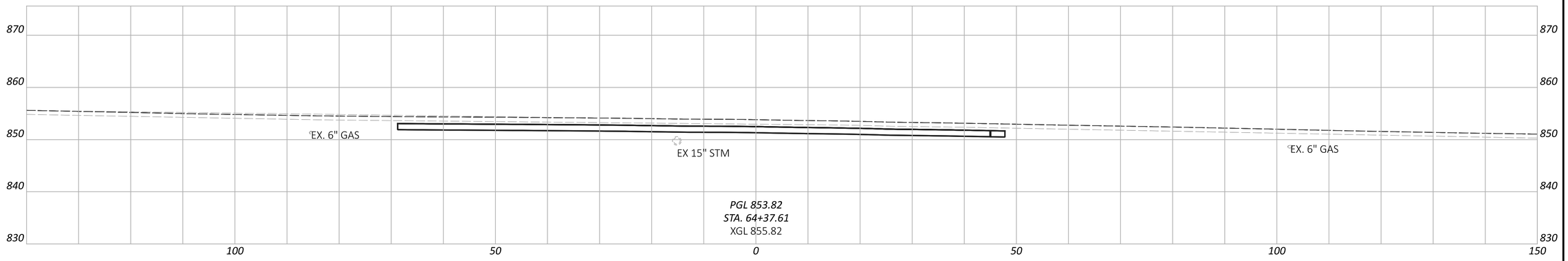
DESIGN AGENCY
STRUCTUREPOINT INC.

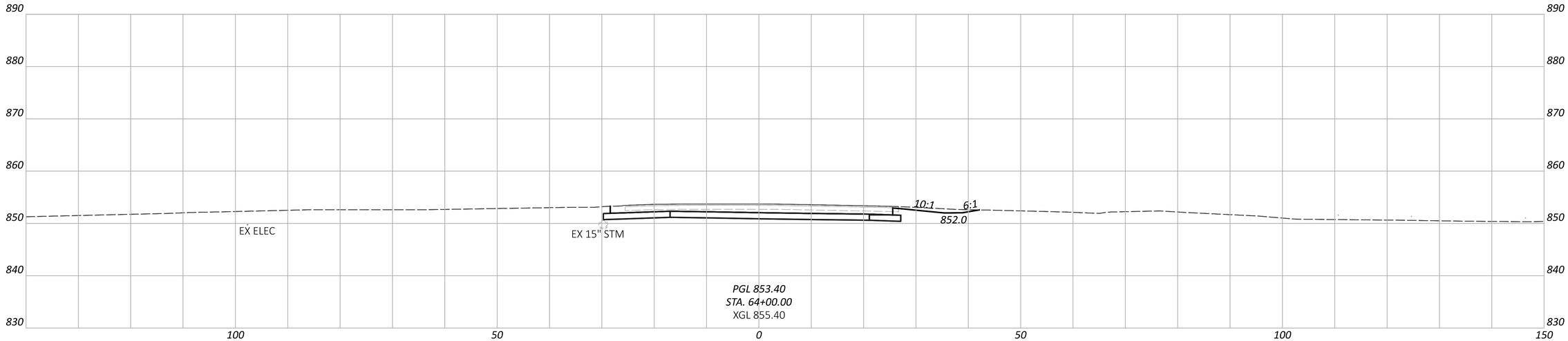
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0737
TOTAL	P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP A
STA. 64+00.00 TO STA. 64+37.61

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

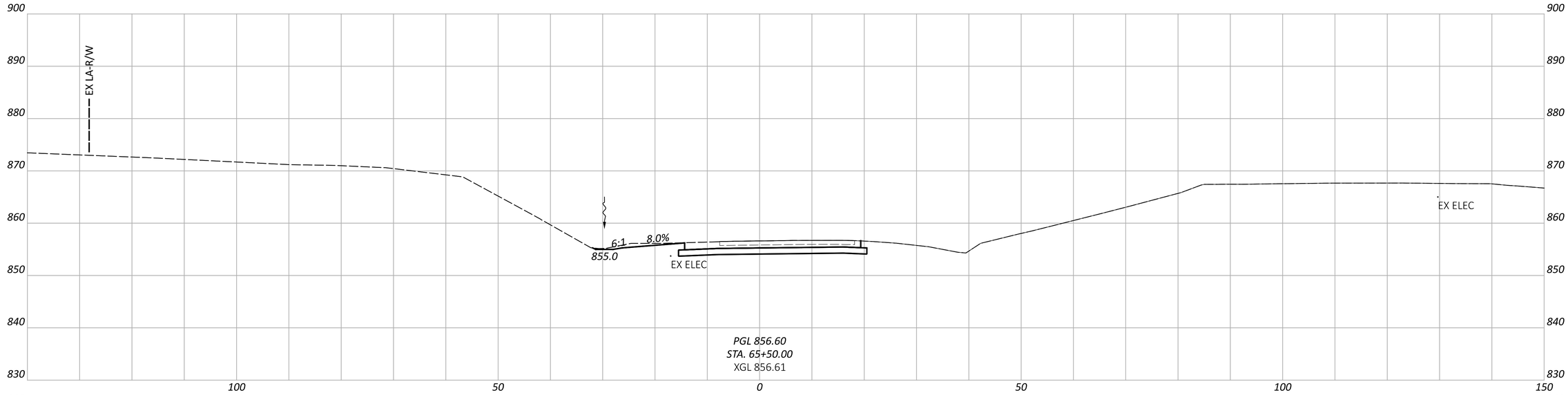
PROJECT ID
96808

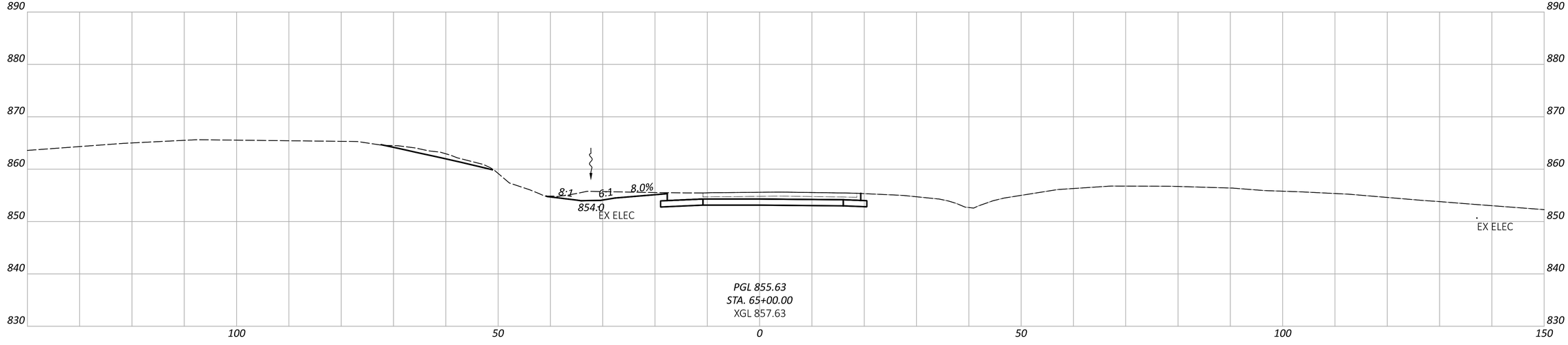
SHEET P.0738 TOTAL P.2024

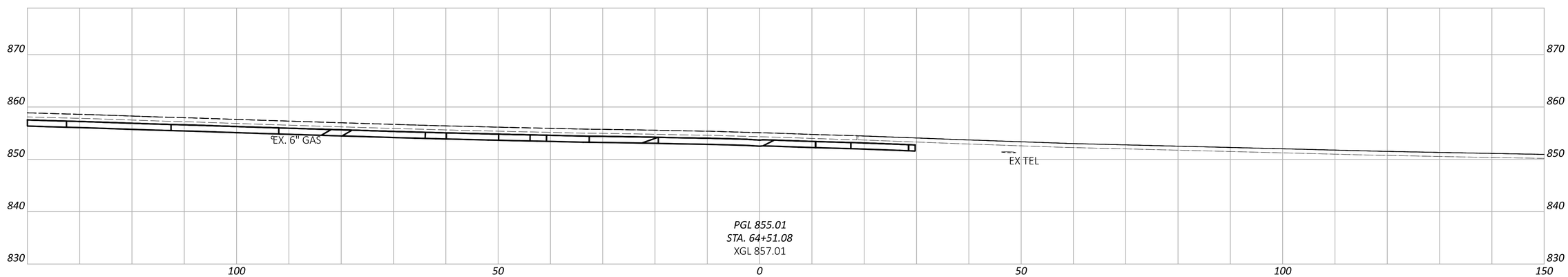
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070A - 64+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:32 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS210.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP B
STA. 64+51.08 TO STA. 65+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 64+51.08 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:43 AM USER: brieder
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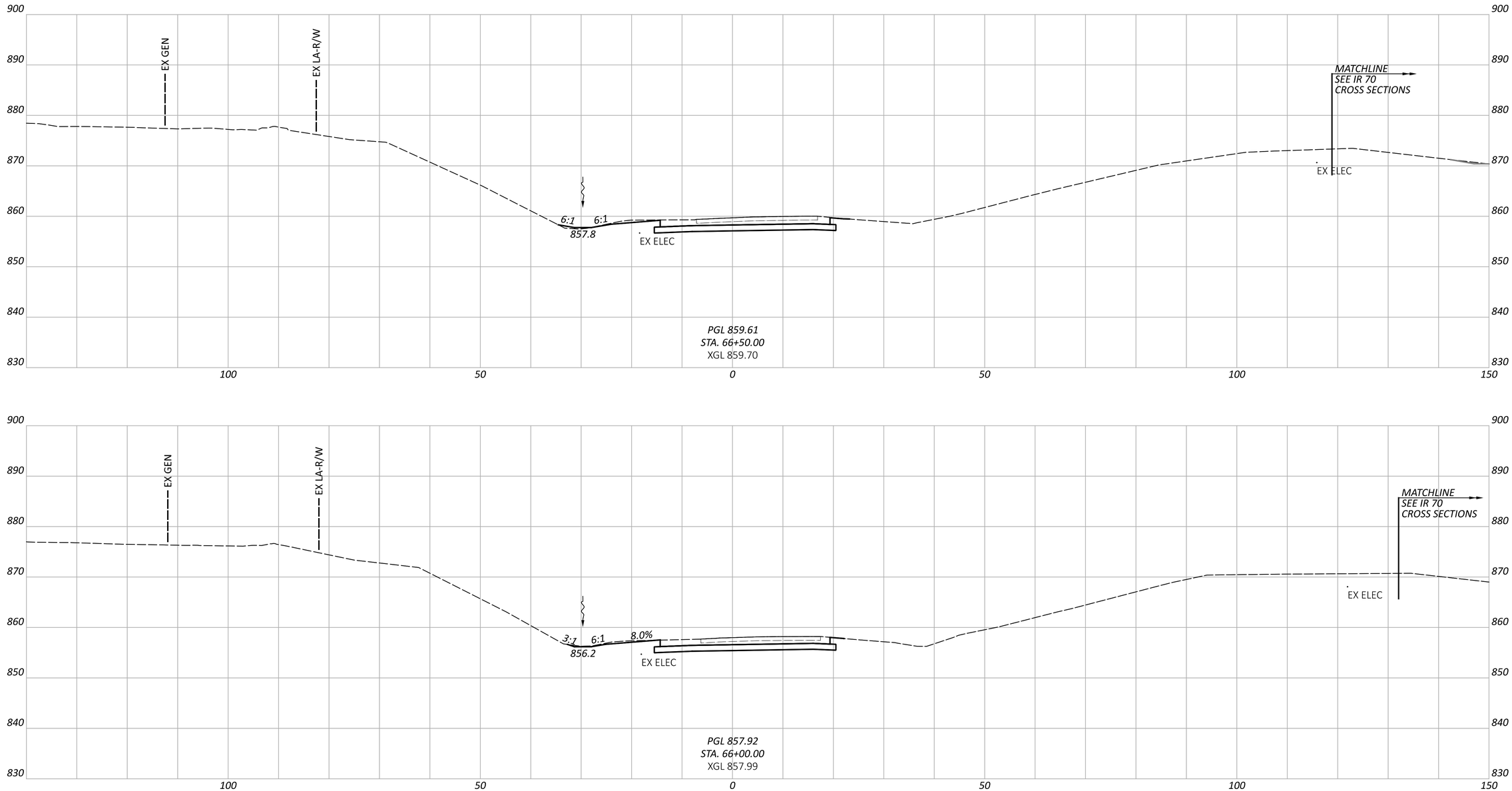
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0739 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP B
STA. 66+00.00 TO STA. 66+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 66+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:51 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

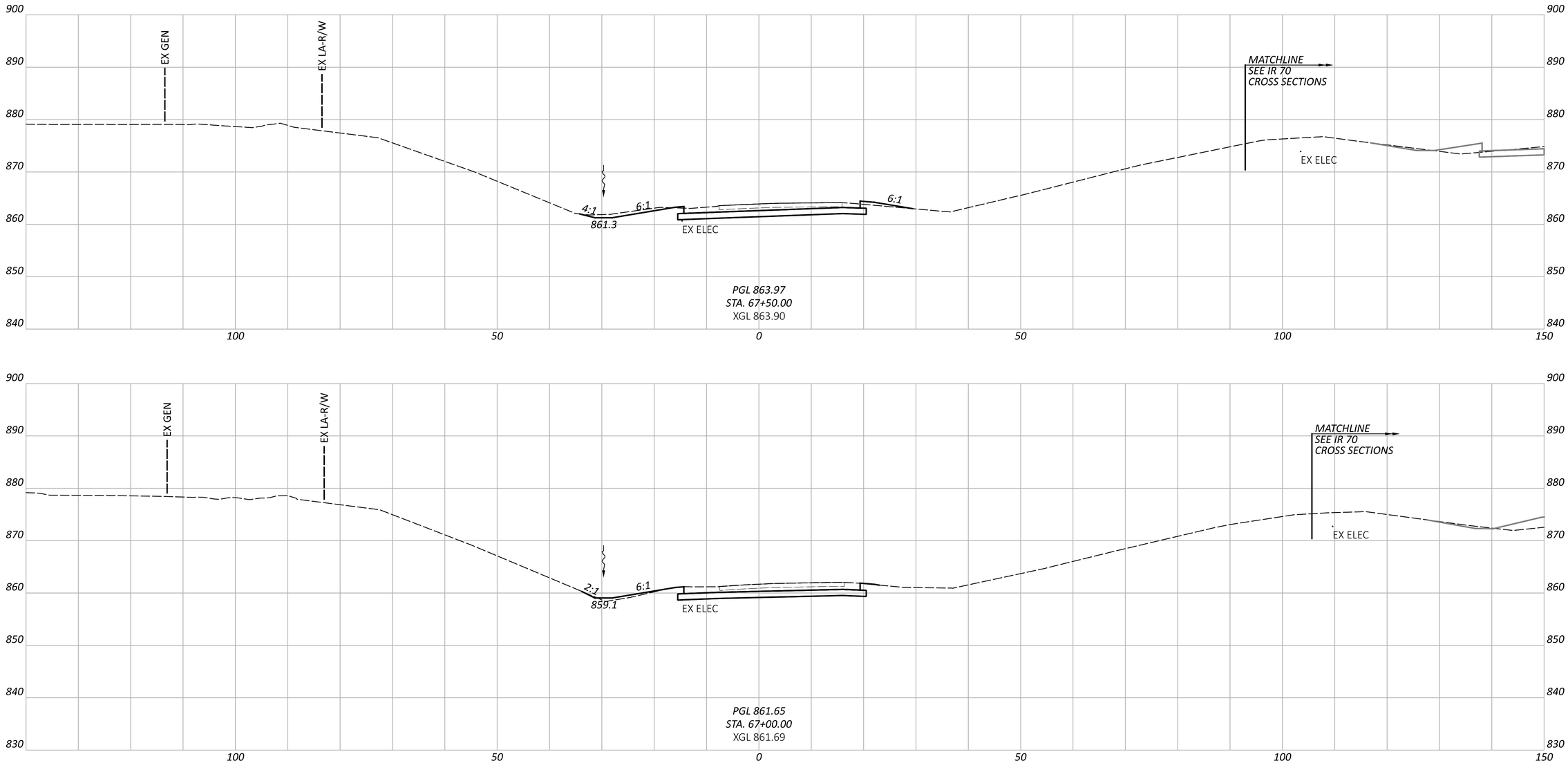
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0740 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP B
STA. 67+00.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 67+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:55 AM USER: brieder
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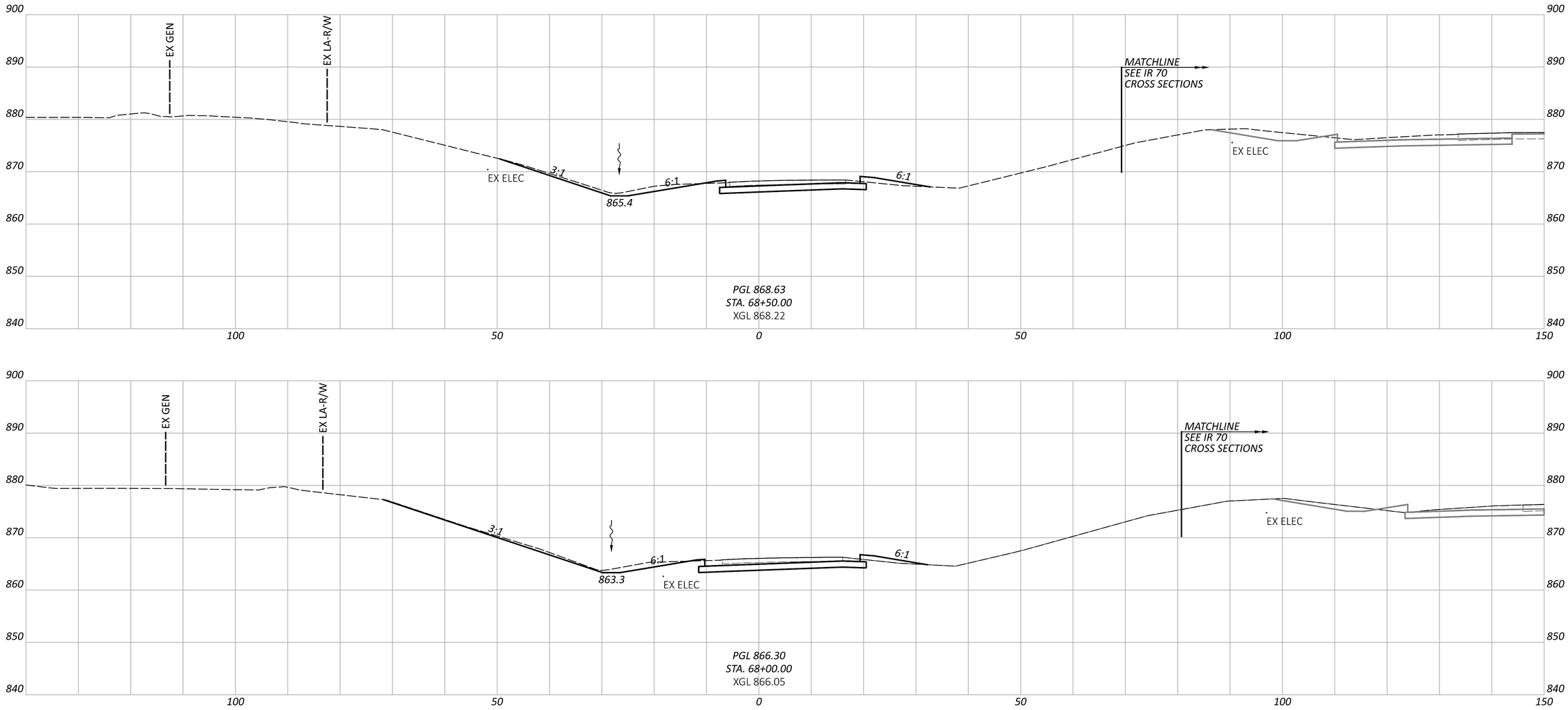
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0741
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP B
STA. 68+00.00 TO STA. 68+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0742 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 68+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:32:59 AM USER: brieder
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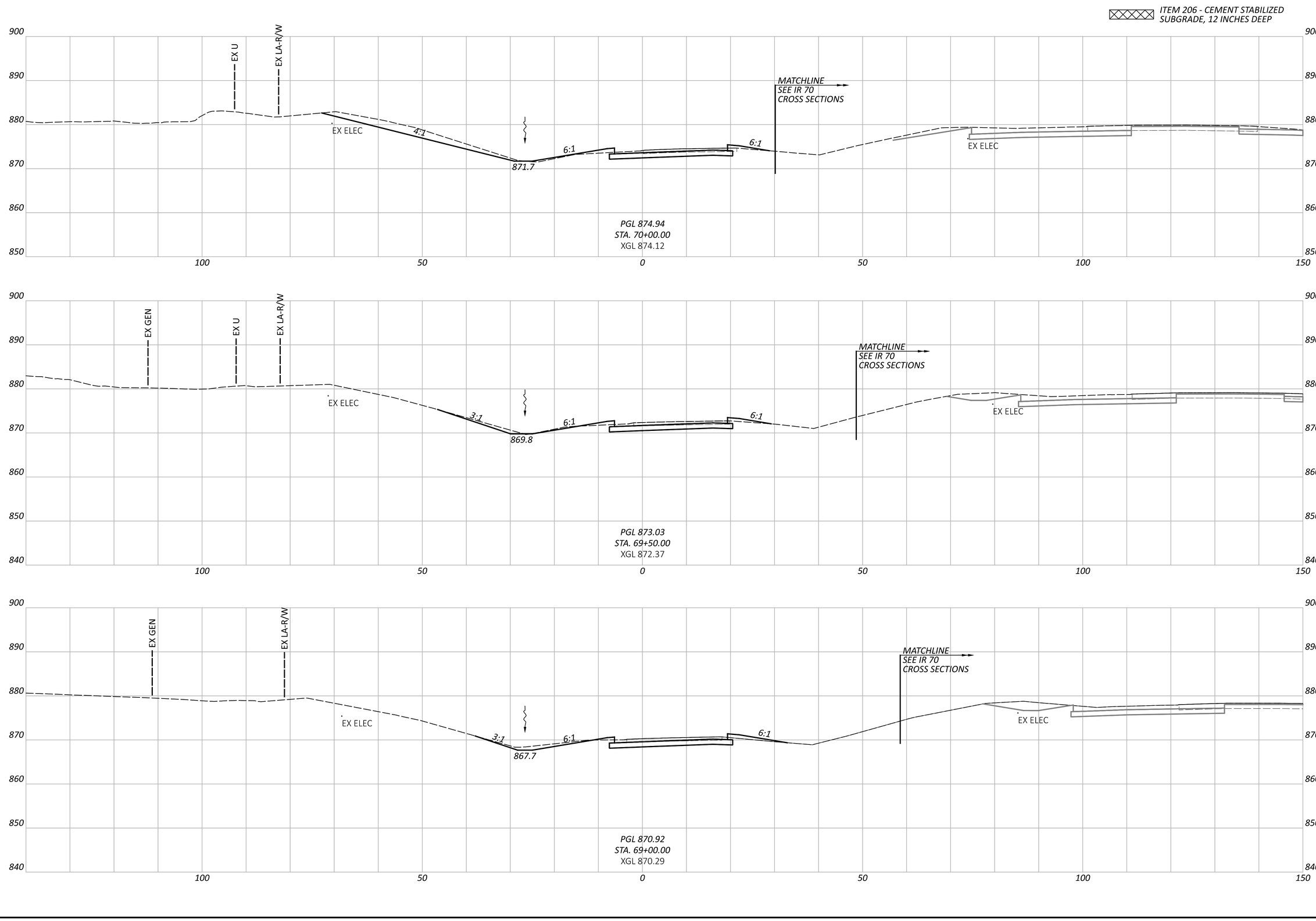

CROSS SECTIONS - RAMP B
STA. 69+00.00 TO STA. 70+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0743 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 69+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 1:06:26 PM USER: brieder
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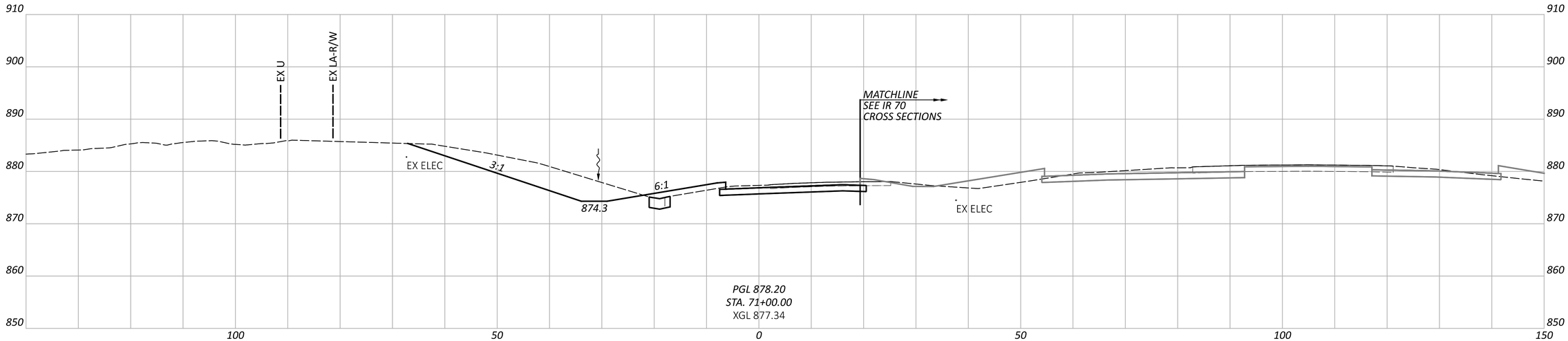
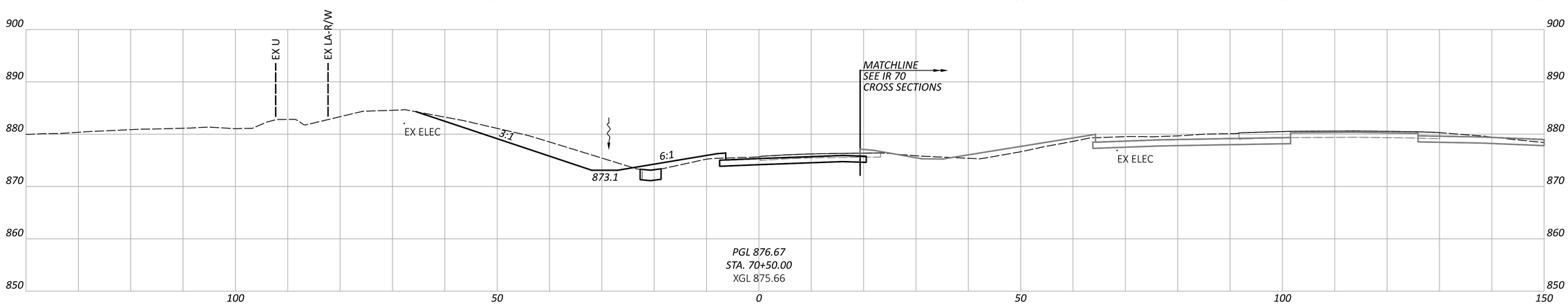
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP B
STA. 70+50.00 TO STA. 71+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 70+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:08 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS220.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

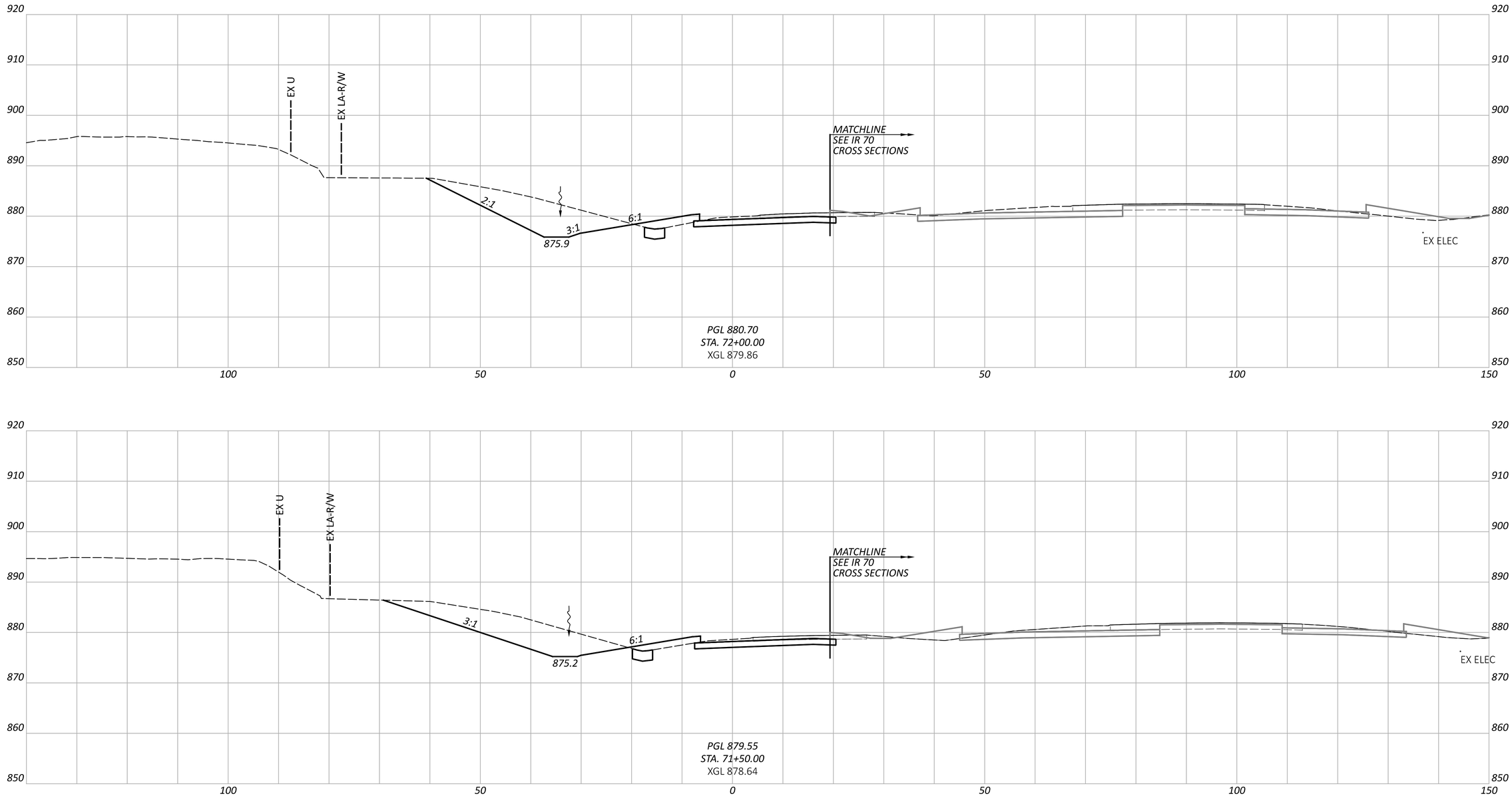
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0744 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP B
STA. 71+50.00 TO STA. 72+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 71+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:12 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS220.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

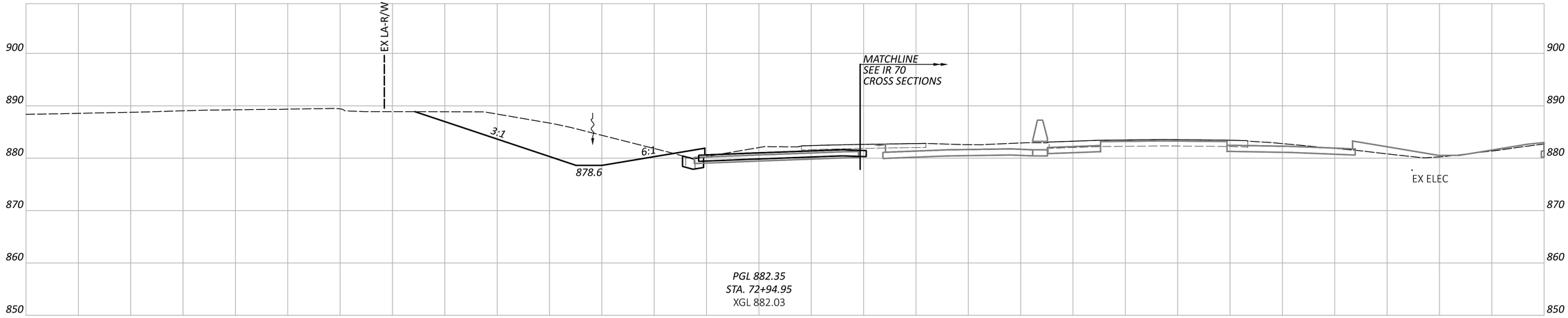
REVIEWER
KAM 08/07/26

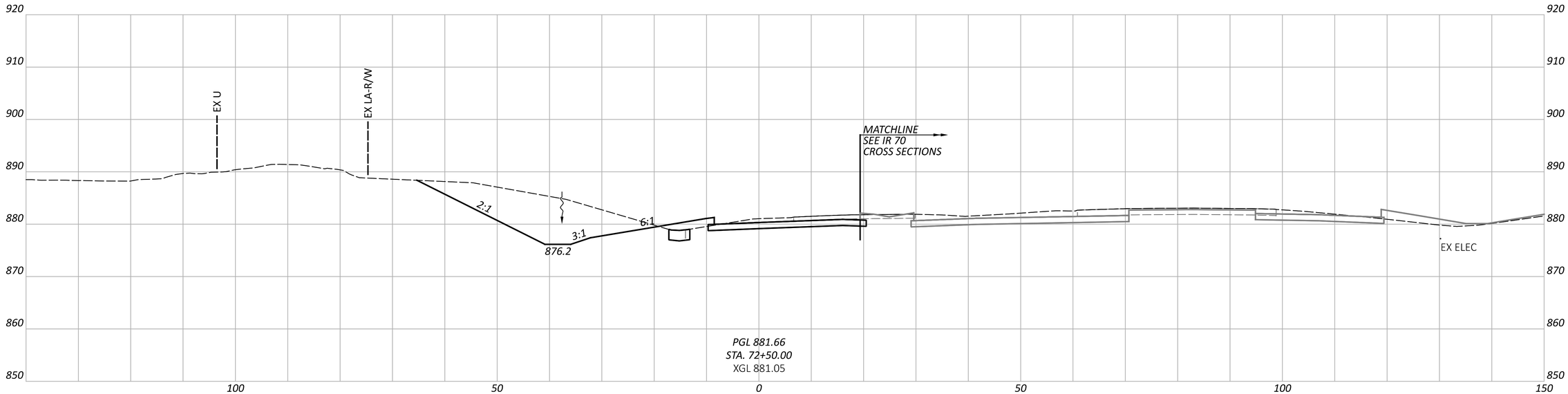
PROJECT ID
96808

SHEET P.0745 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP B
STA. 72+50.00 TO STA. 72+94.95

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - 72+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:15 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS220.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

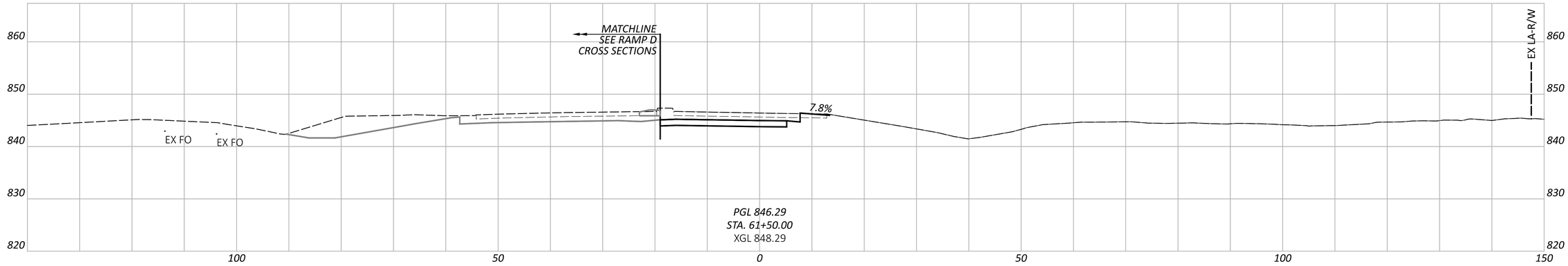
DESIGNER
BER

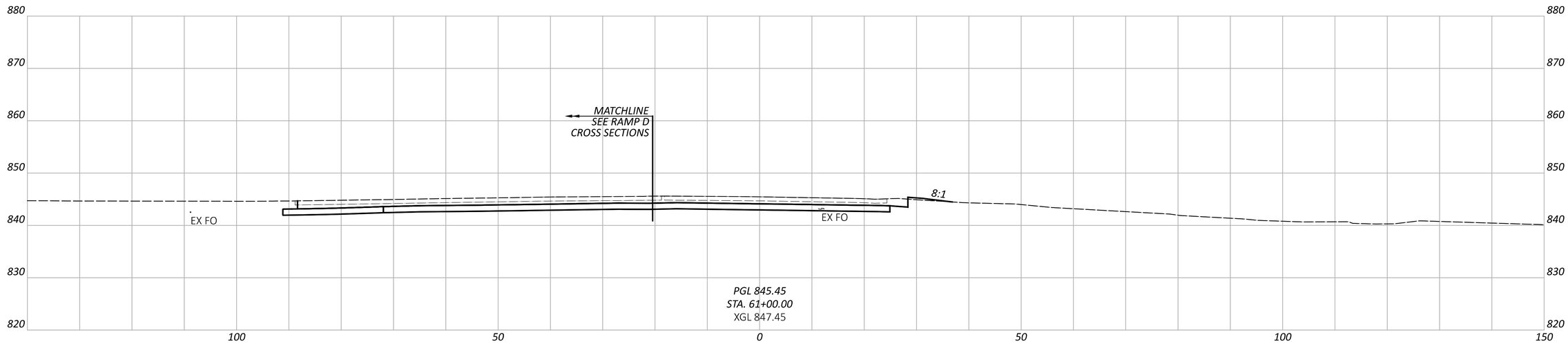
REVIEWER
KAM 08/07/26

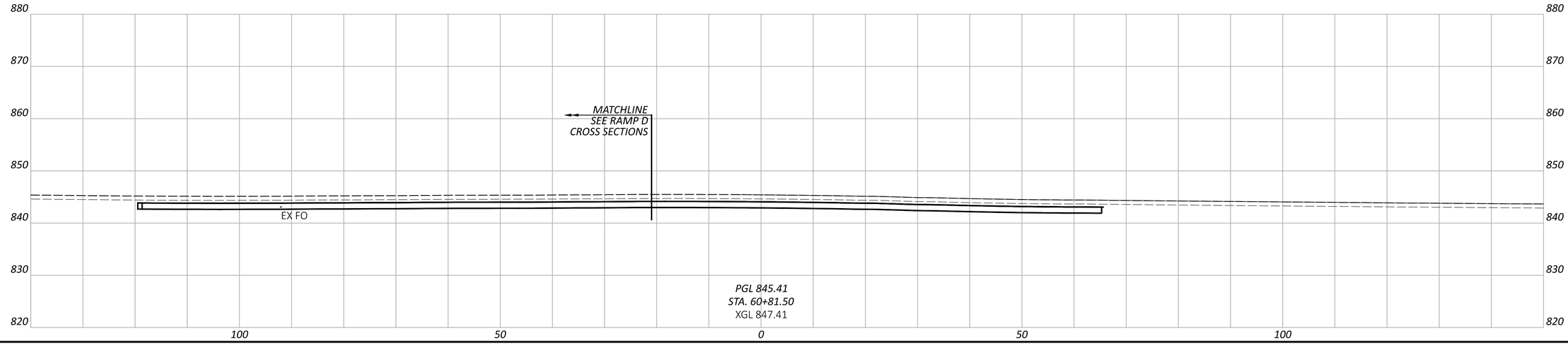
PROJECT ID
96808

SHEET P.0746 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP C
STA. 60+81.50 TO STA. 61+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 60+81.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:27 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

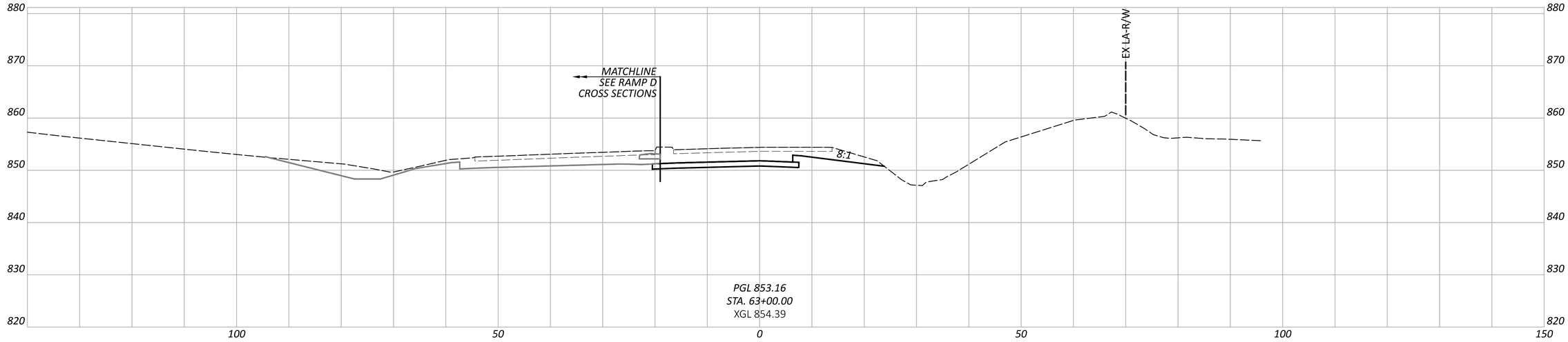
DESIGNER
BER

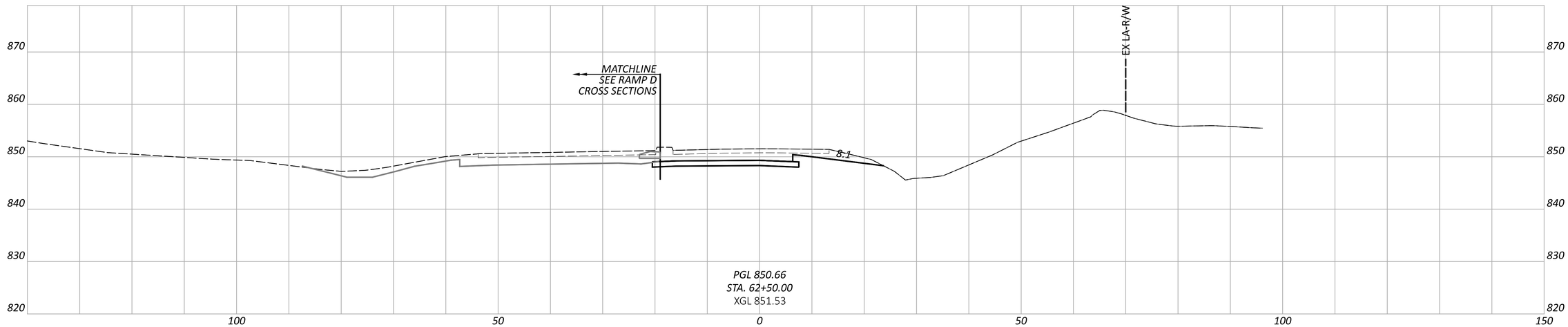
REVIEWER
KAM 08/07/26

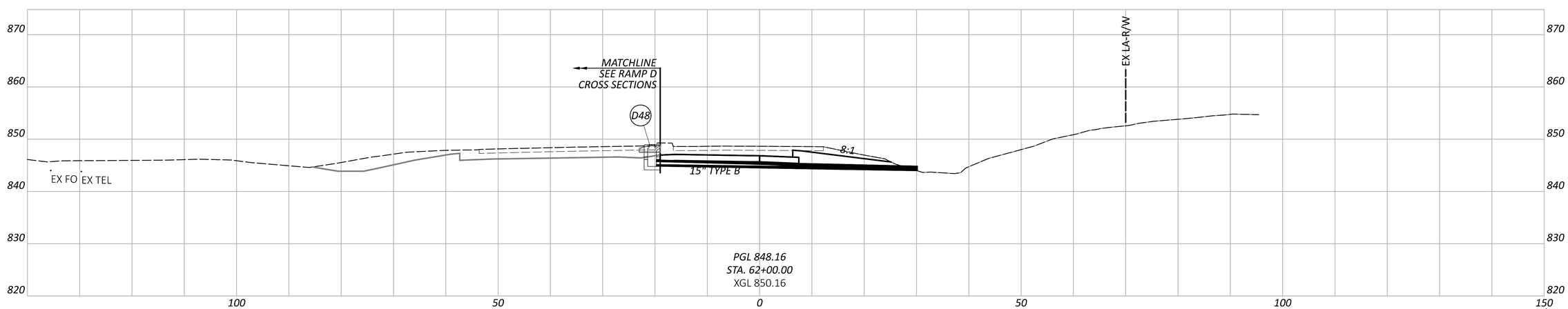
PROJECT ID
96808

SHEET P.0747 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 $DC209

CROSS SECTIONS - RAMP C
STA. 62+00.00 TO STA. 63+00.00

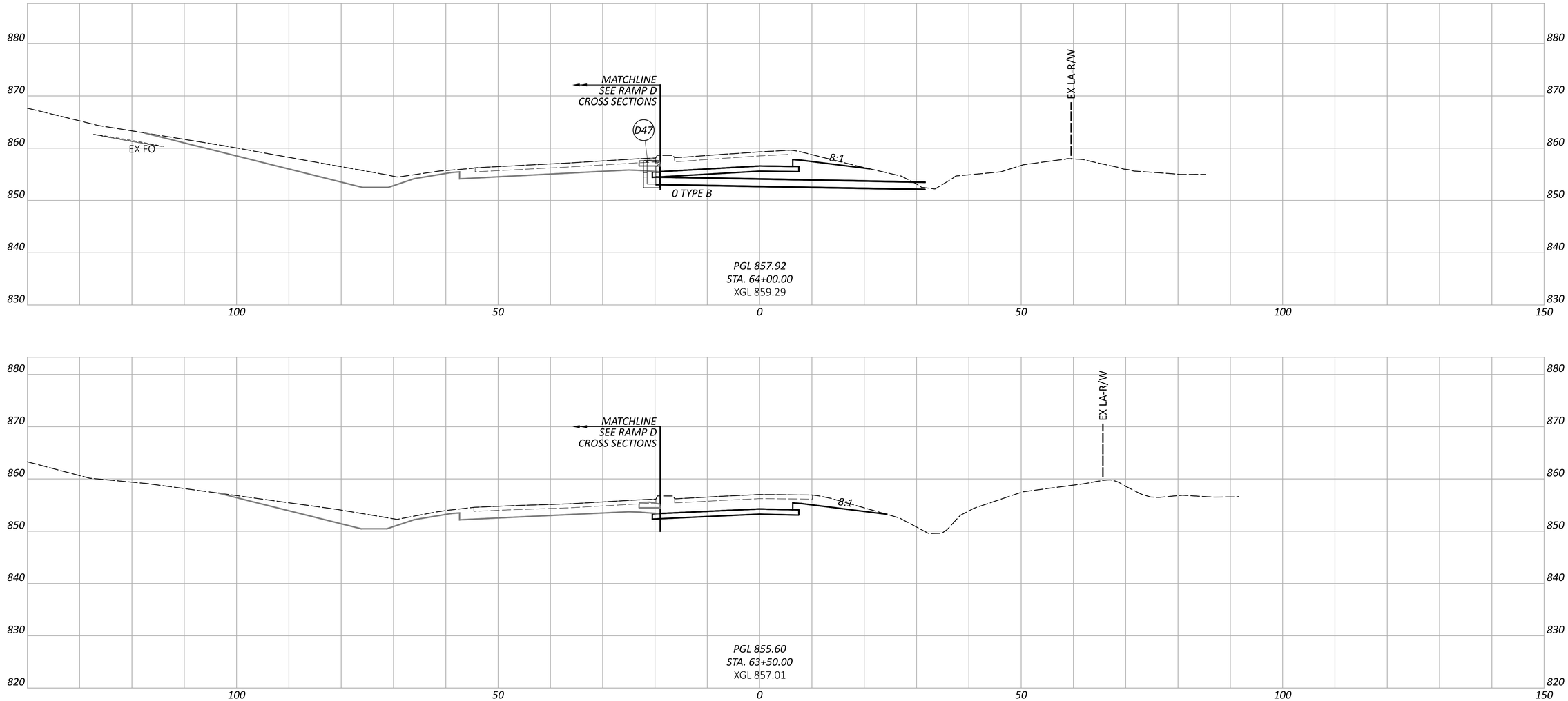
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 62+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:34 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0748
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP C
STA. 63+50.00 TO STA. 64+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0749 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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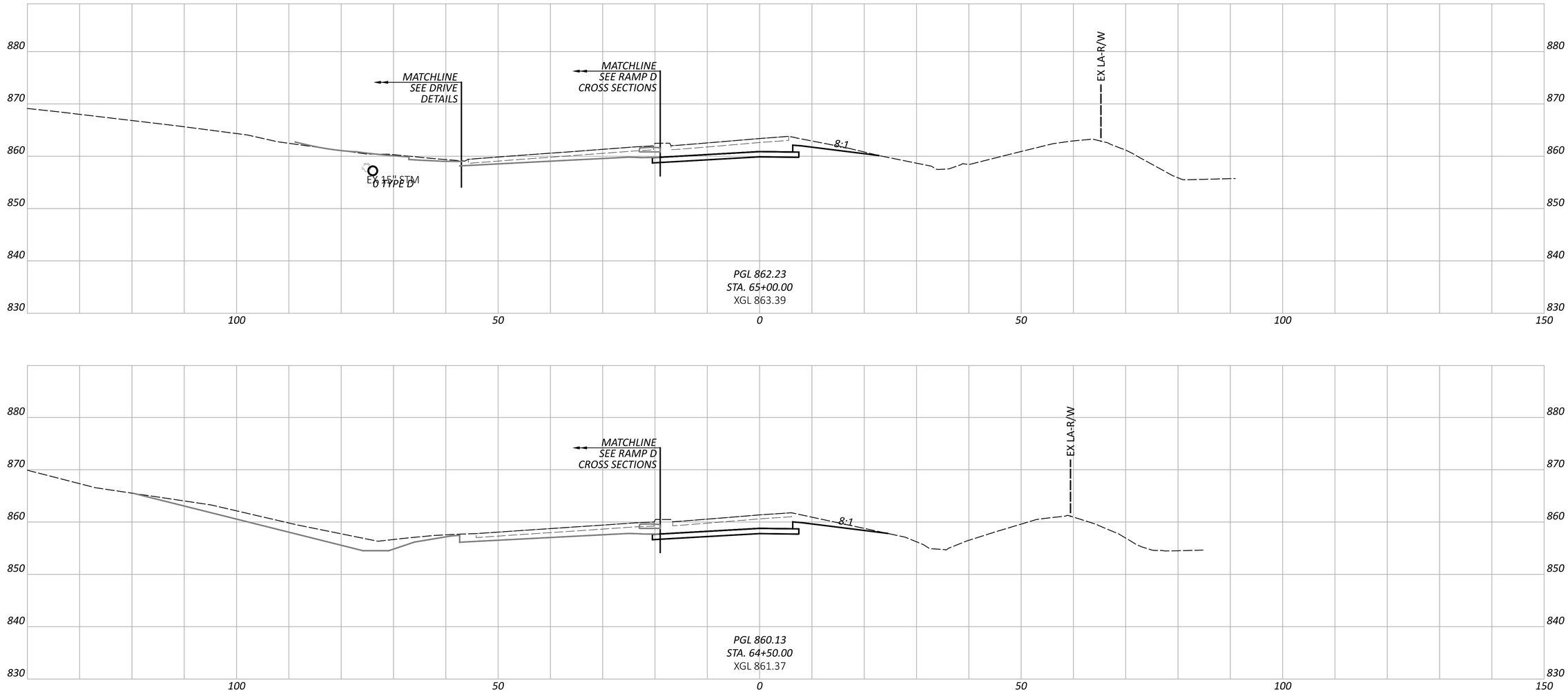
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP C
STA. 64+50.00 TO STA. 65+00.00

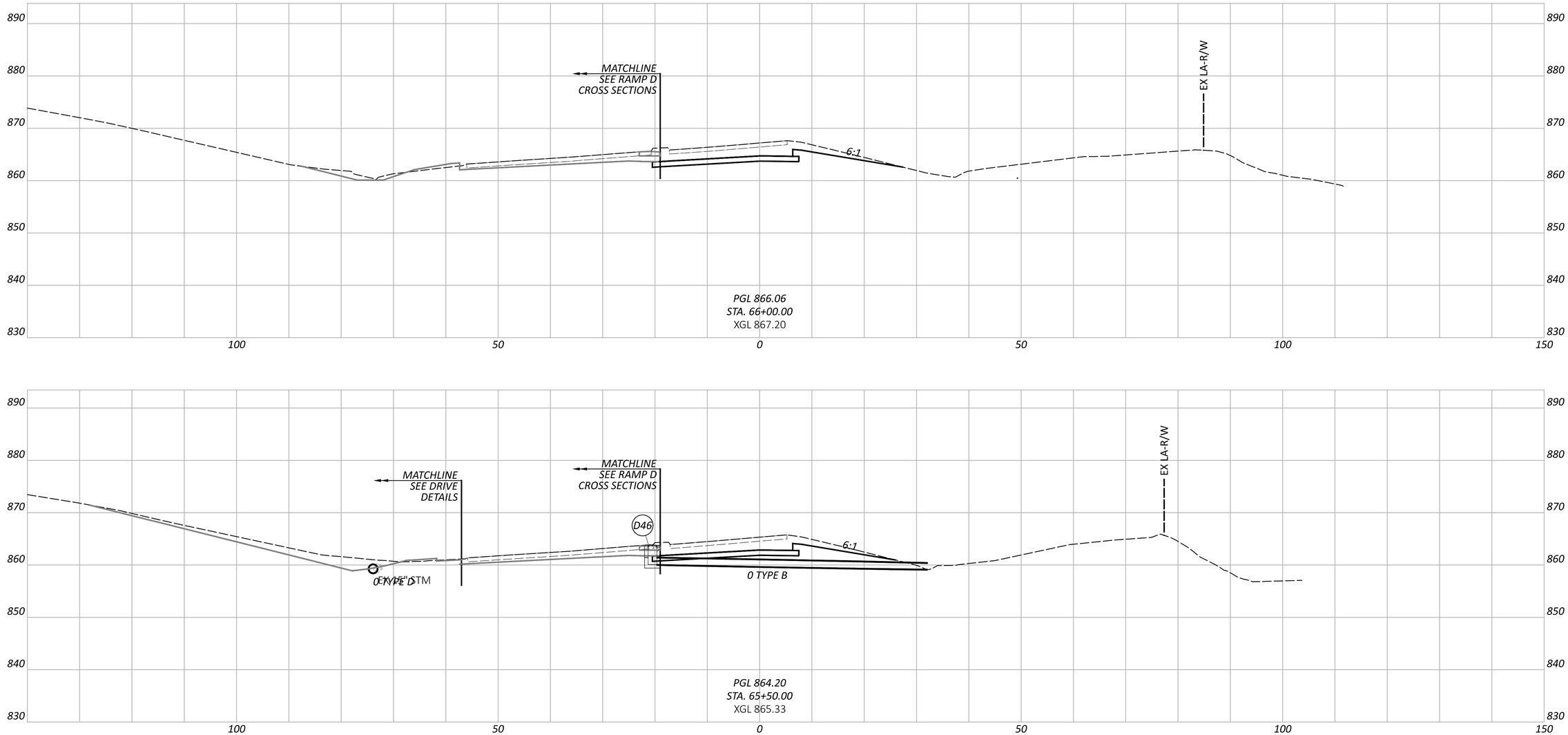
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 64+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:44 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i01-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0750
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP C
STA. 65+50.00 TO STA. 66+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0751 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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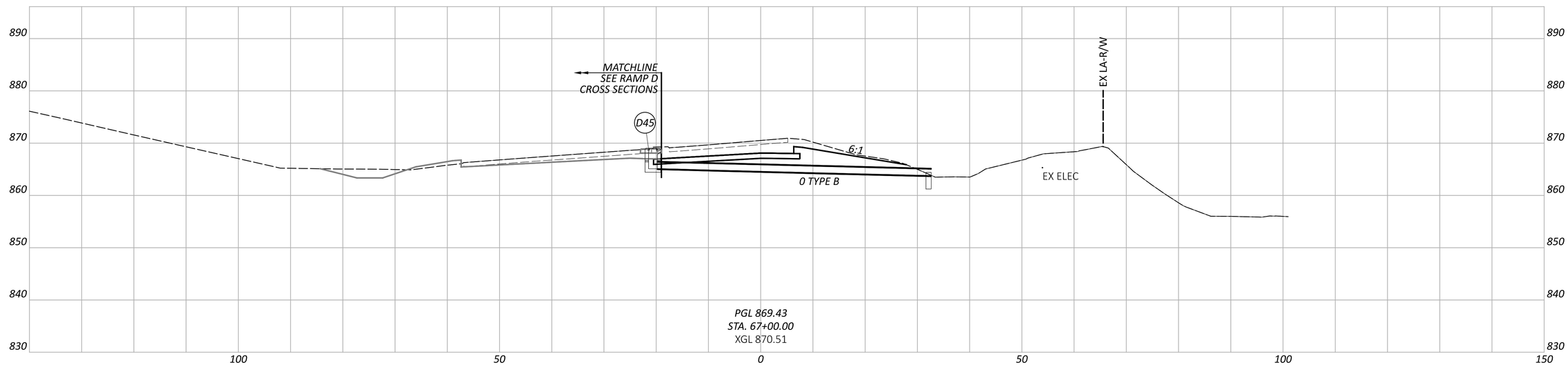
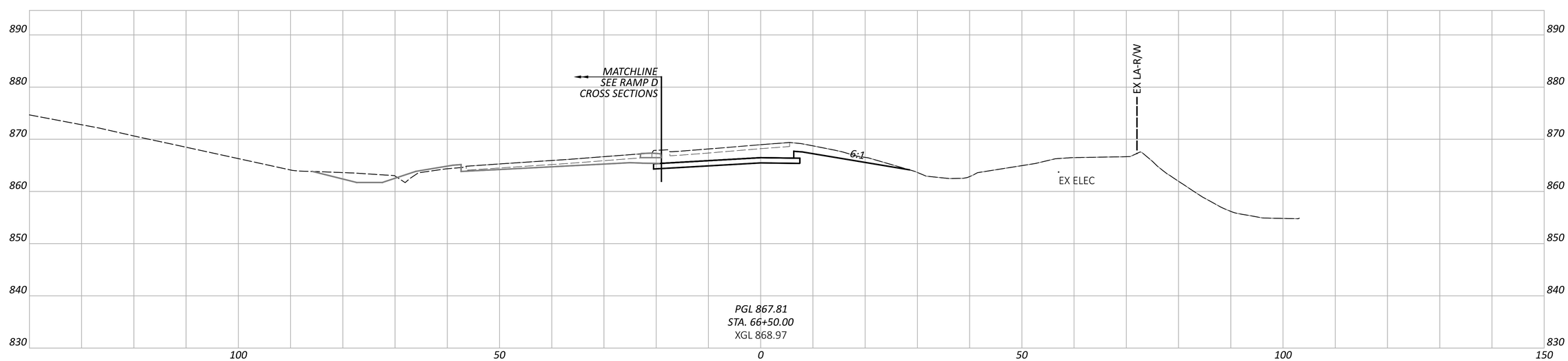
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - RAMP C
STA. 66+50.00 TO STA. 67+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

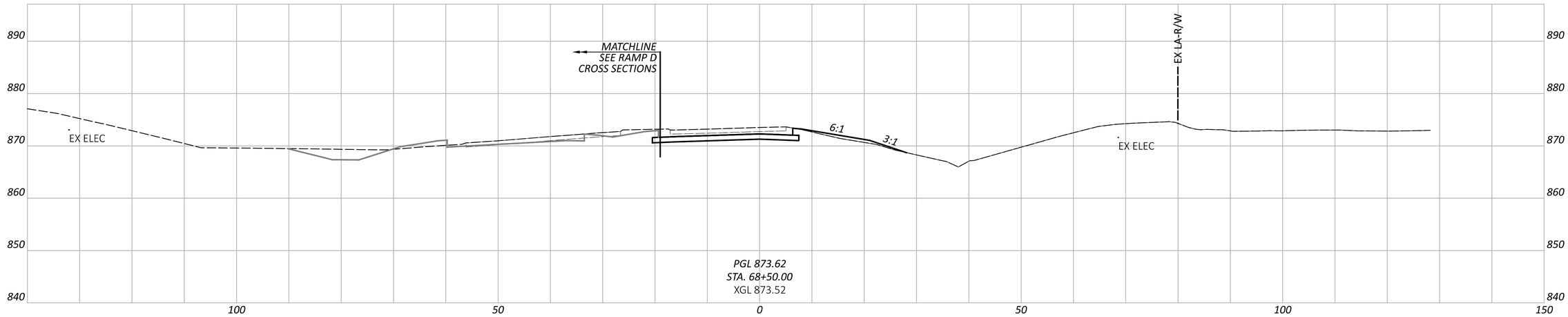
PROJECT ID
96808

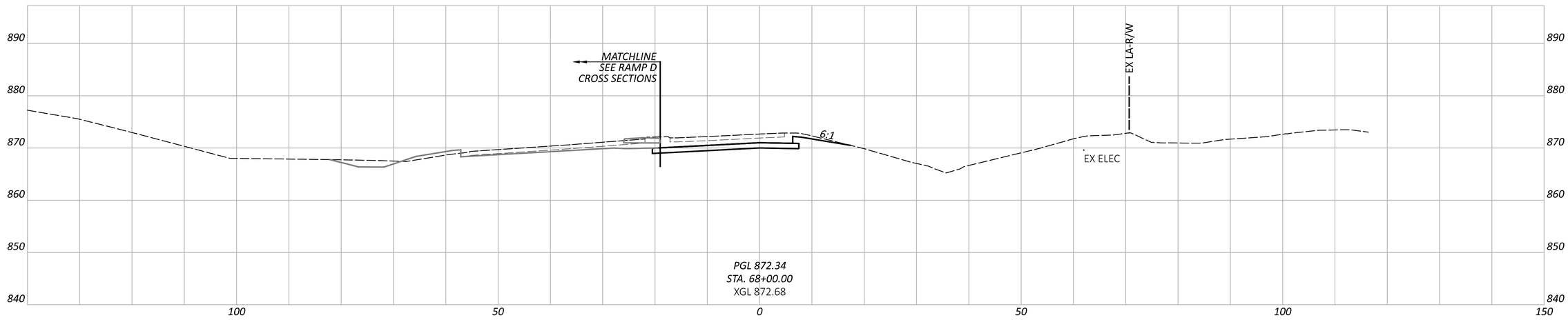
SHEET P.0752 TOTAL P.2024

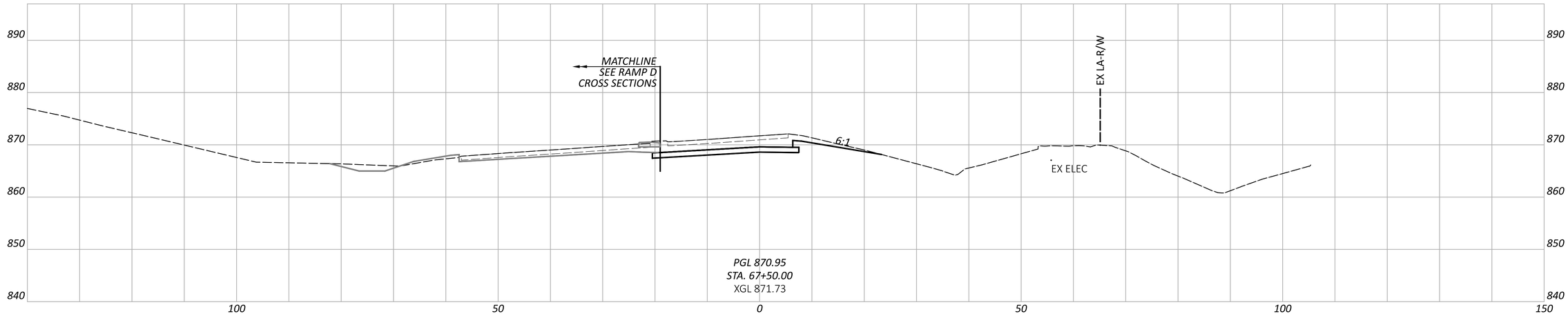
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 66+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:52 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP C
STA. 67+50.00 TO STA. 68+50.00

DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0753 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 67+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:33:56 AM USER: brieder
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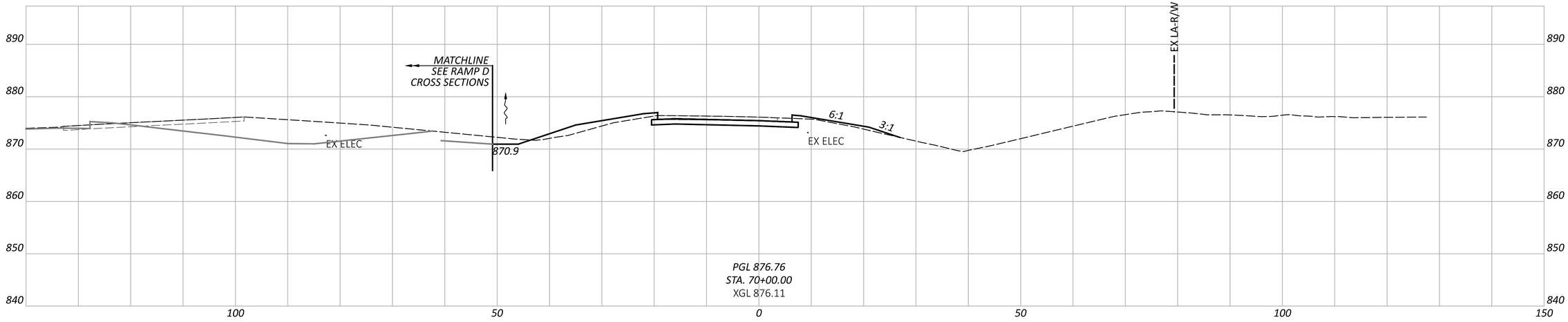
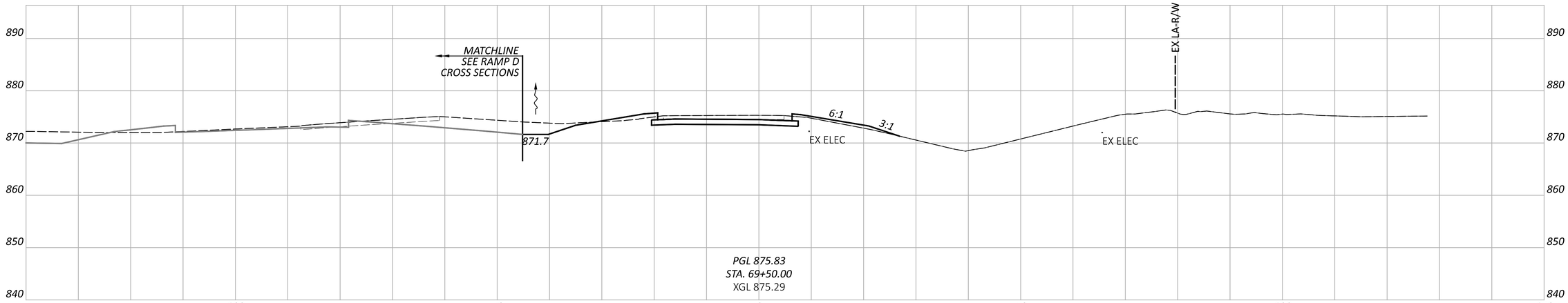
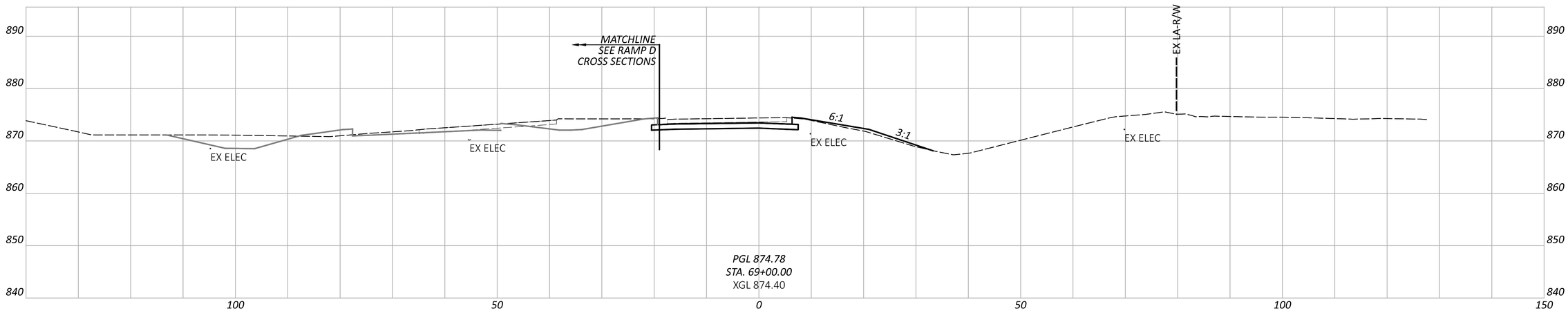
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 876.76
STA. 70+00.00
XGL 876.11



PGL 875.83
STA. 69+50.00
XGL 875.29



PGL 874.78
STA. 69+00.00
XGL 874.40

CROSS SECTIONS - RAMP C
STA. 69+00.00 TO STA. 70+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 69+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:01 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

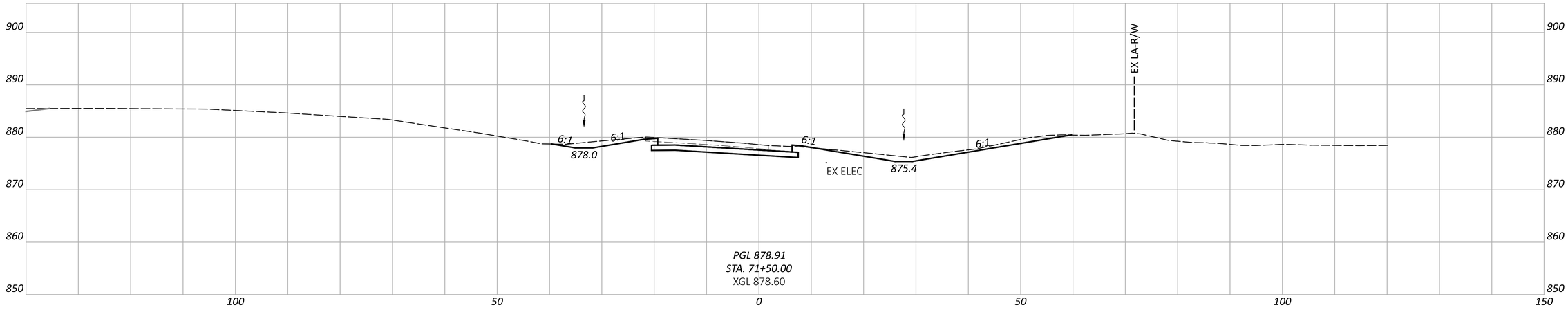
DESIGNER
BER

REVIEWER
KAM 08/07/26

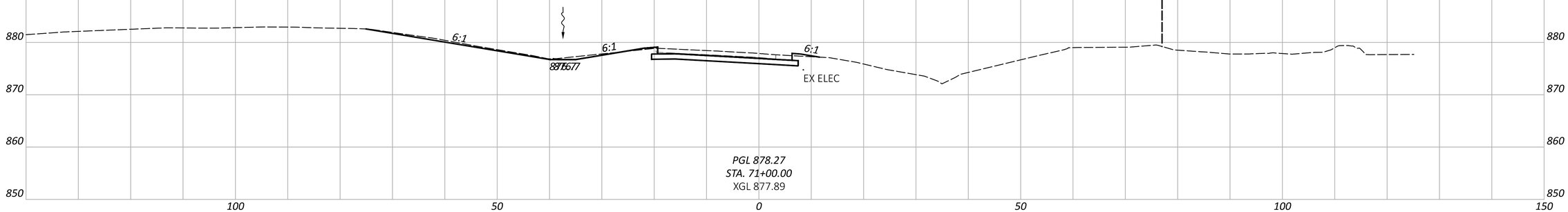
PROJECT ID
96808

SHEET P.0754 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 878.91
STA. 71+50.00
XGL 878.60



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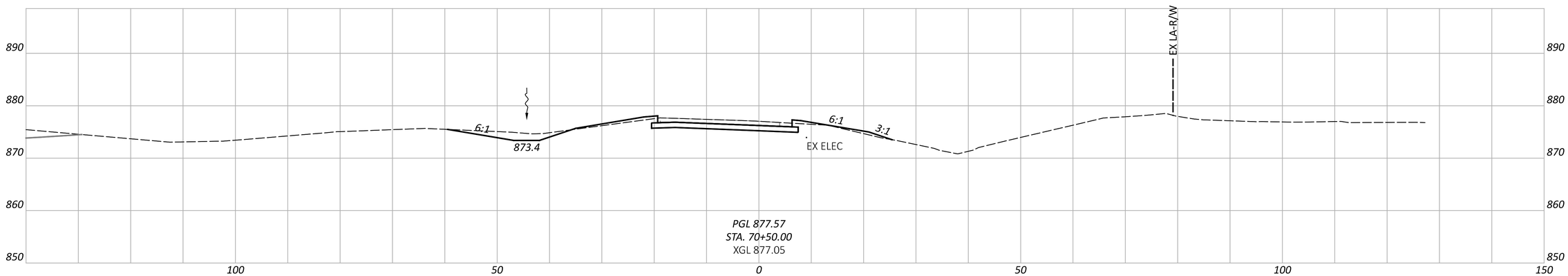
STA. 71+00.00
XGL 877.89



PGL 877.57
STA. 70+50.00
XGL 877.05

CROSS SECTIONS - RAMP C
STA. 70+50.00 TO STA. 71+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 70+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:06 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

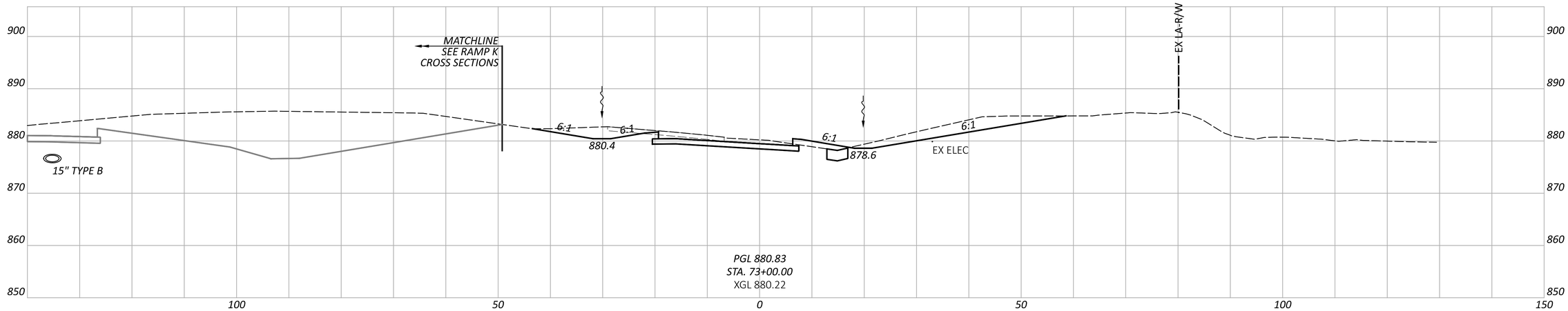
DESIGNER
BER

REVIEWER
KAM 08/07/26

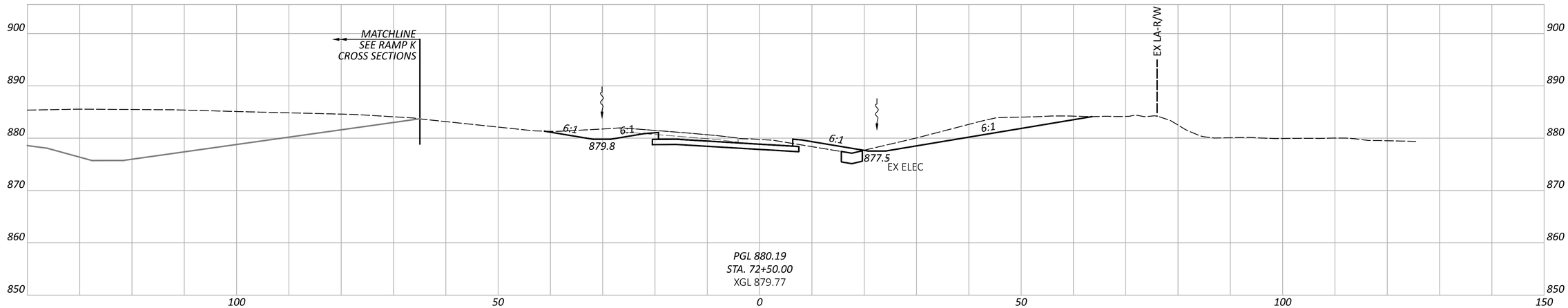
PROJECT ID
96808

SHEET P.0755 TOTAL P.2024

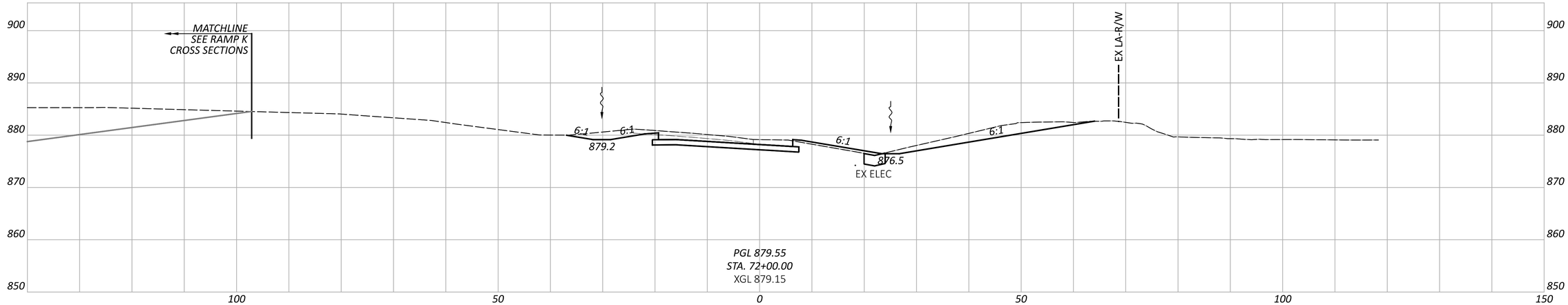
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 880.83
STA. 73+00.00
XGL 880.22



PGL 880.19
STA. 72+50.00
XGL 879.77



PGL 879.55
STA. 72+00.00
XGL 879.15

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP C
STA. 72+00.00 TO STA. 73+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 72+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:11 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

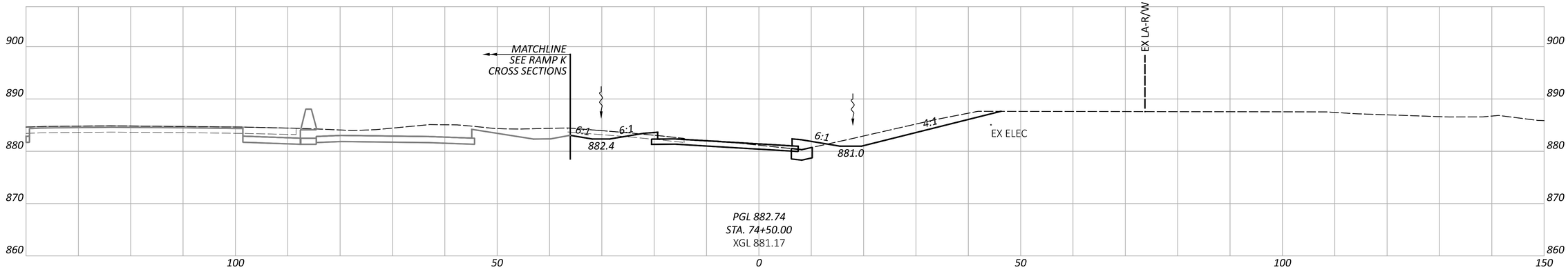
DESIGNER
BER

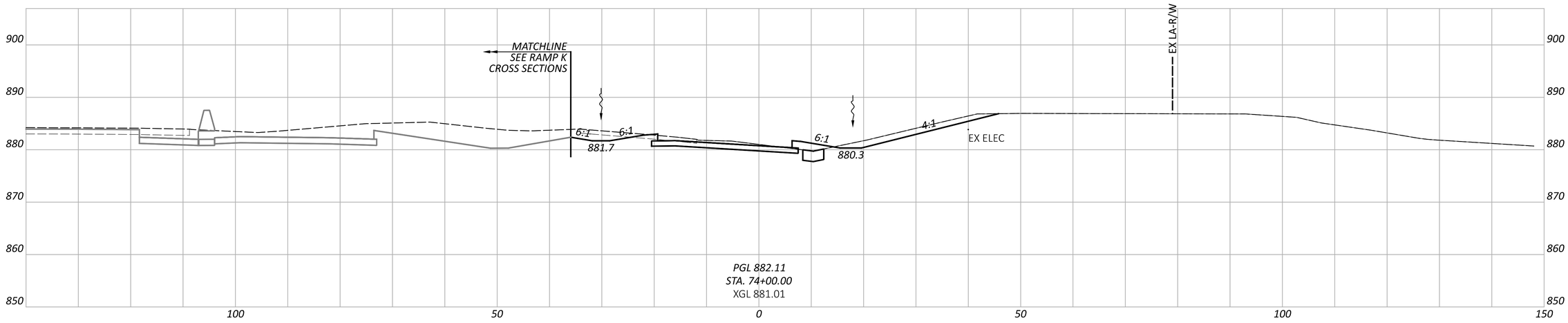
REVIEWER
KAM 08/07/26

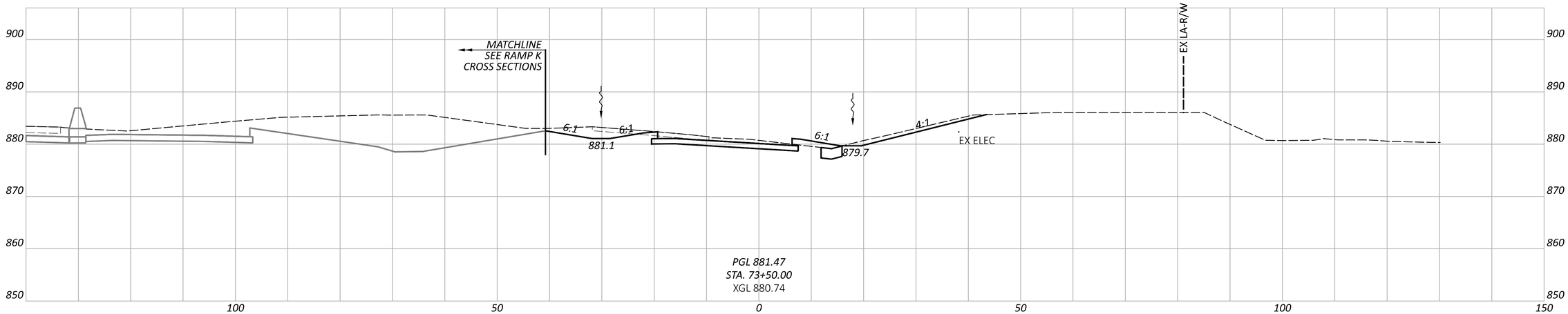
PROJECT ID
96808

SHEET P.0756 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP C
STA. 73+50.00 TO STA. 74+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

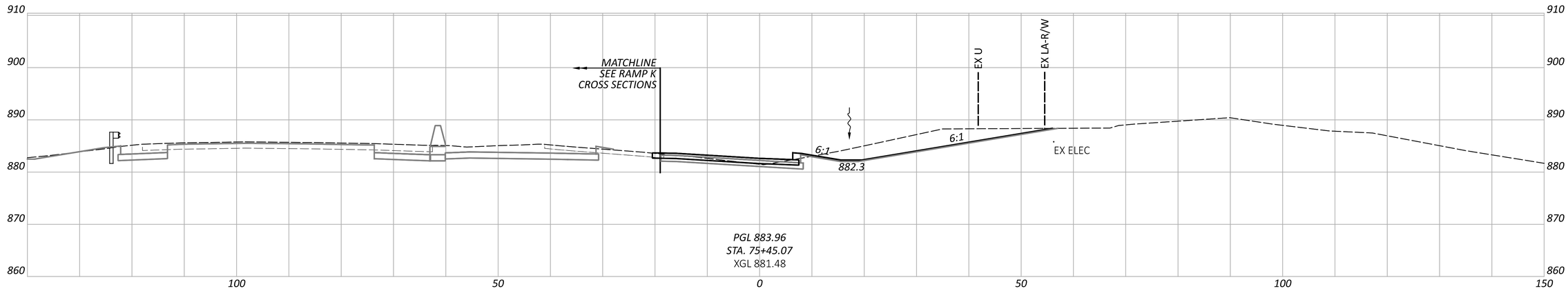
PROJECT ID
96808

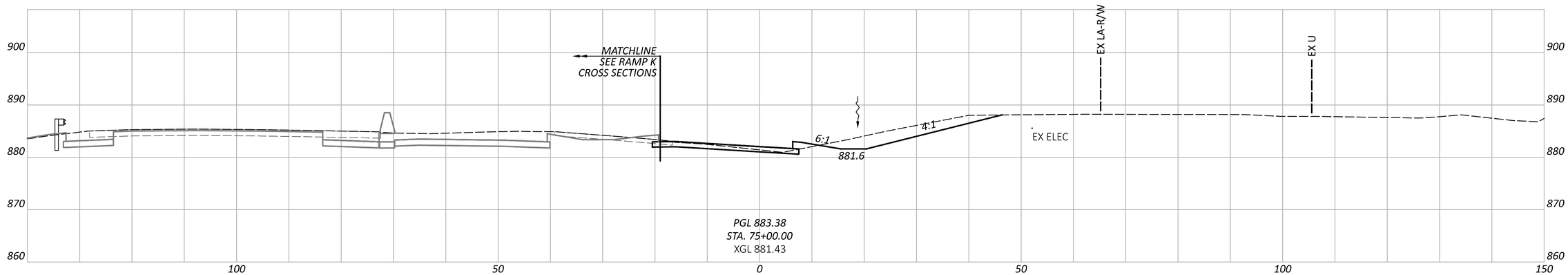
SHEET P.0757 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 73+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:17 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP C
STA. 75+00.00 TO STA. 75+45.07

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

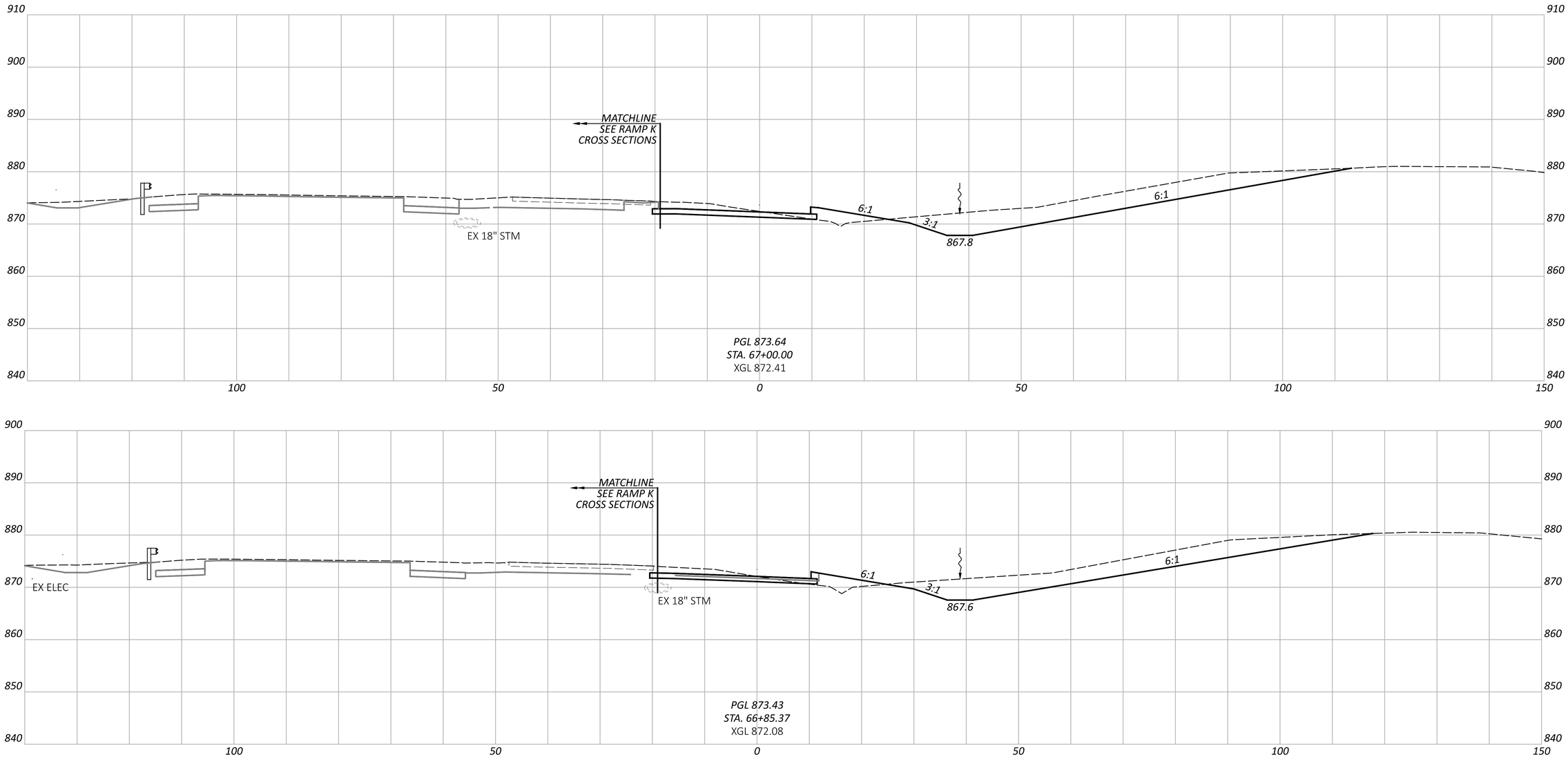
PROJECT ID
96808

SHEET P.0758 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - 75+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:22 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS230.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP D
STA. 66+85.37 TO STA. 67+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 66+85.04 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:37 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

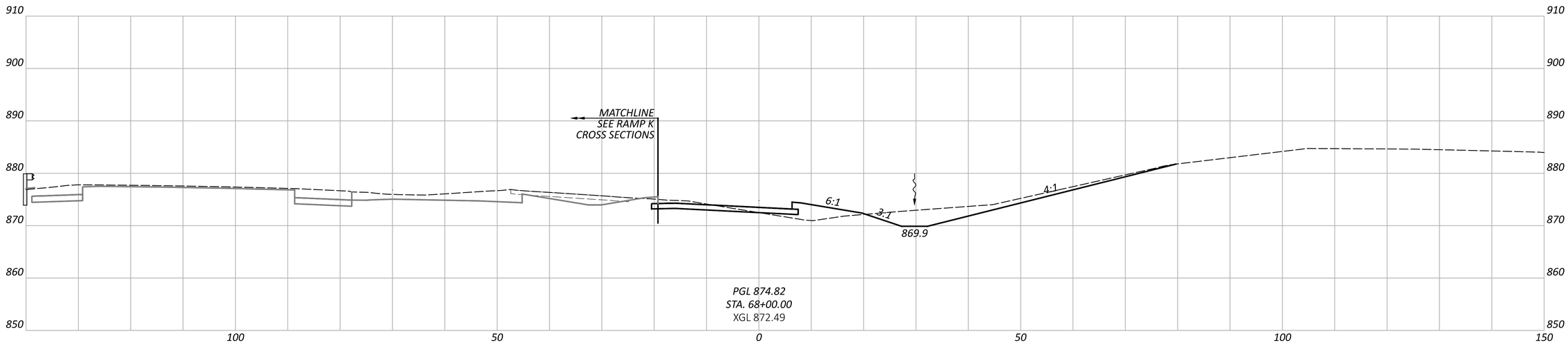
DESIGNER
BER

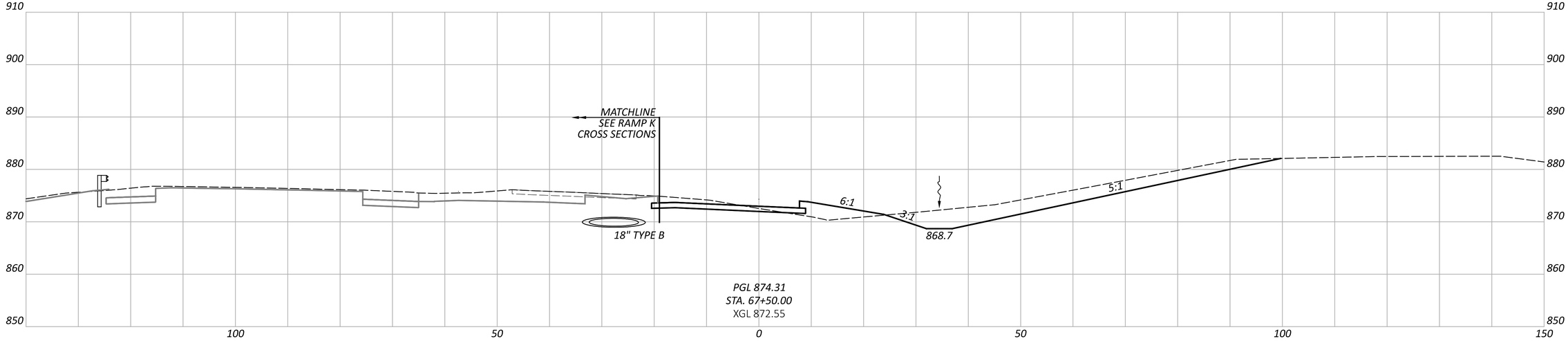
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0759 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP D
STA. 67+50.00 TO STA. 68+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

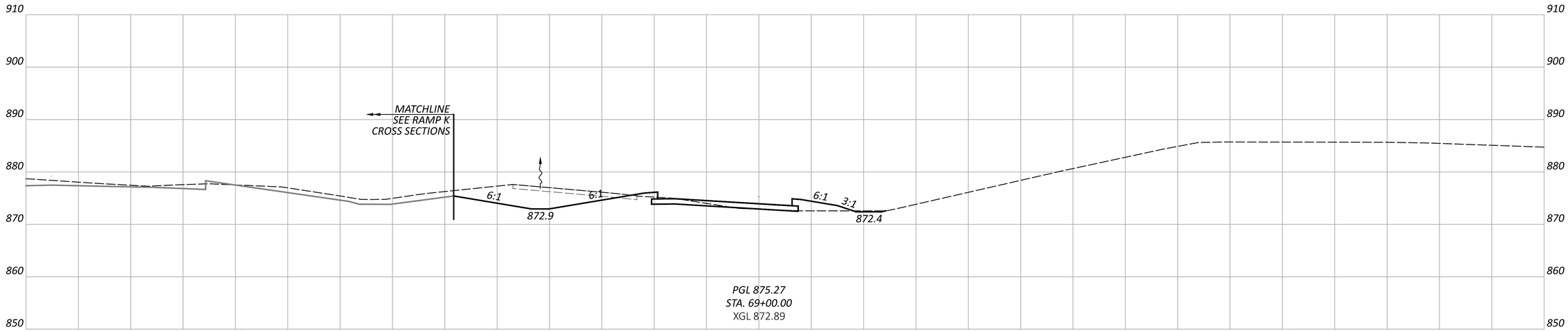
PROJECT ID
96808

SHEET P.0760 TOTAL P.2024

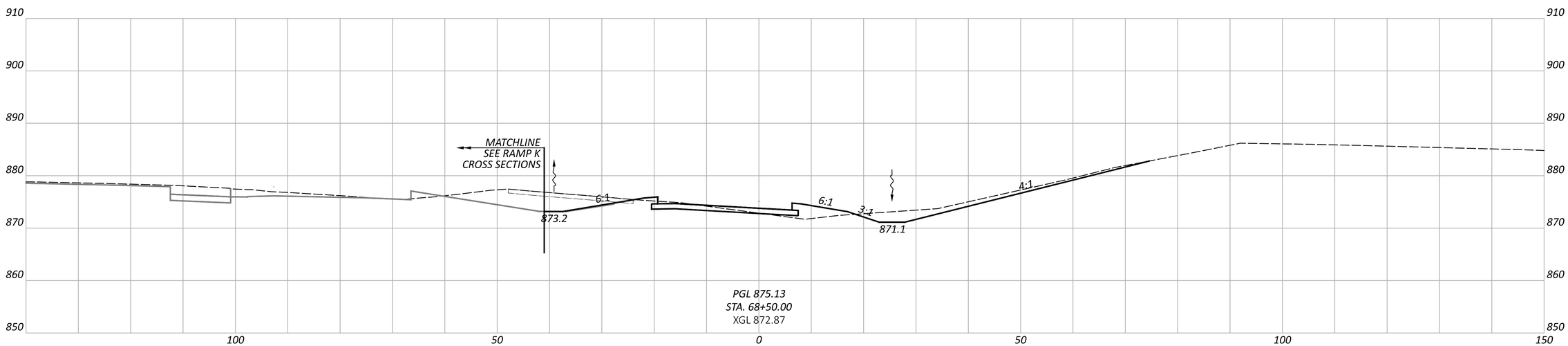
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - 67+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:45 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 875.27
STA. 69+00.00
XGL 872.89



PGL 875.13
STA. 68+50.00
XGL 872.87

CROSS SECTIONS - RAMP D
STA. 68+50.00 TO STA. 69+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

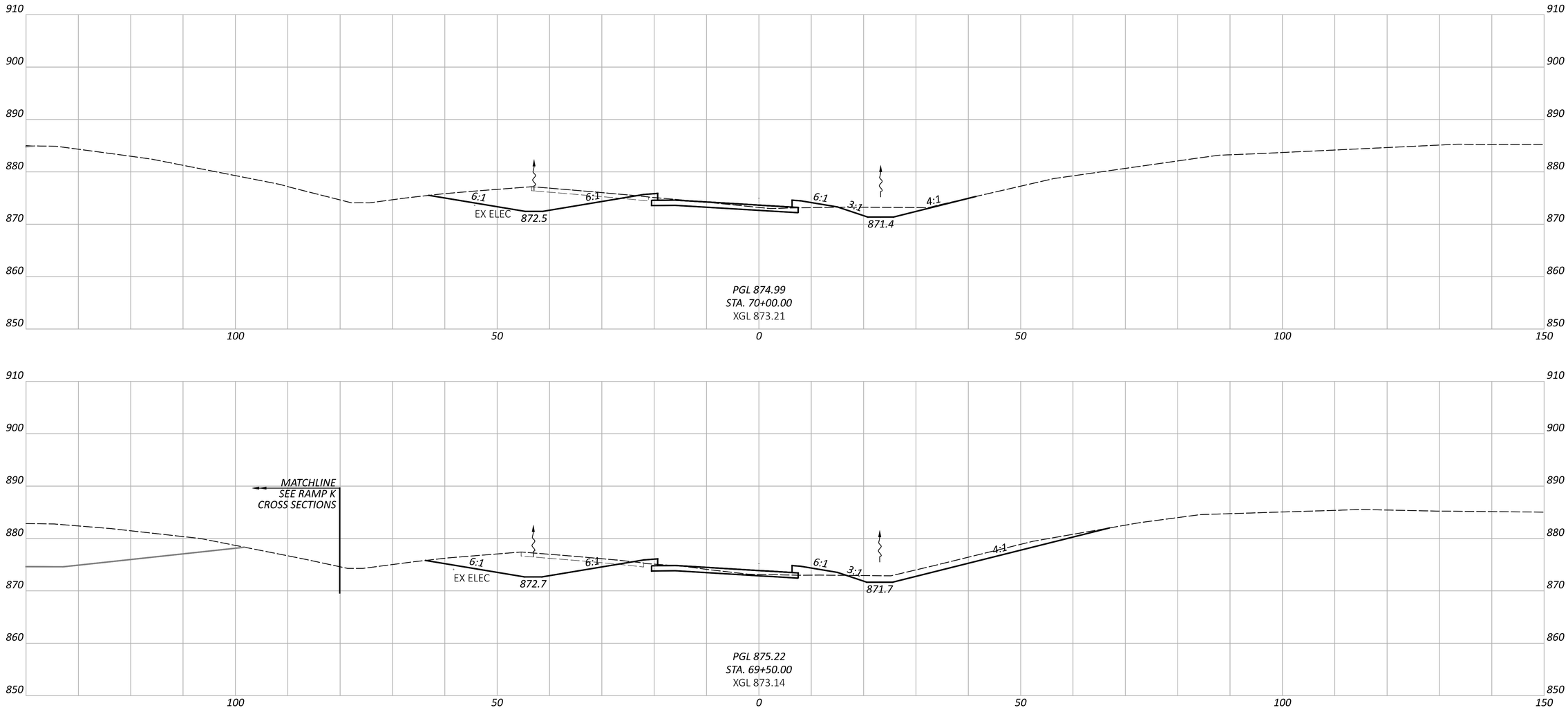
PROJECT ID
96808

SHEET P.0761 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 68+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:51 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



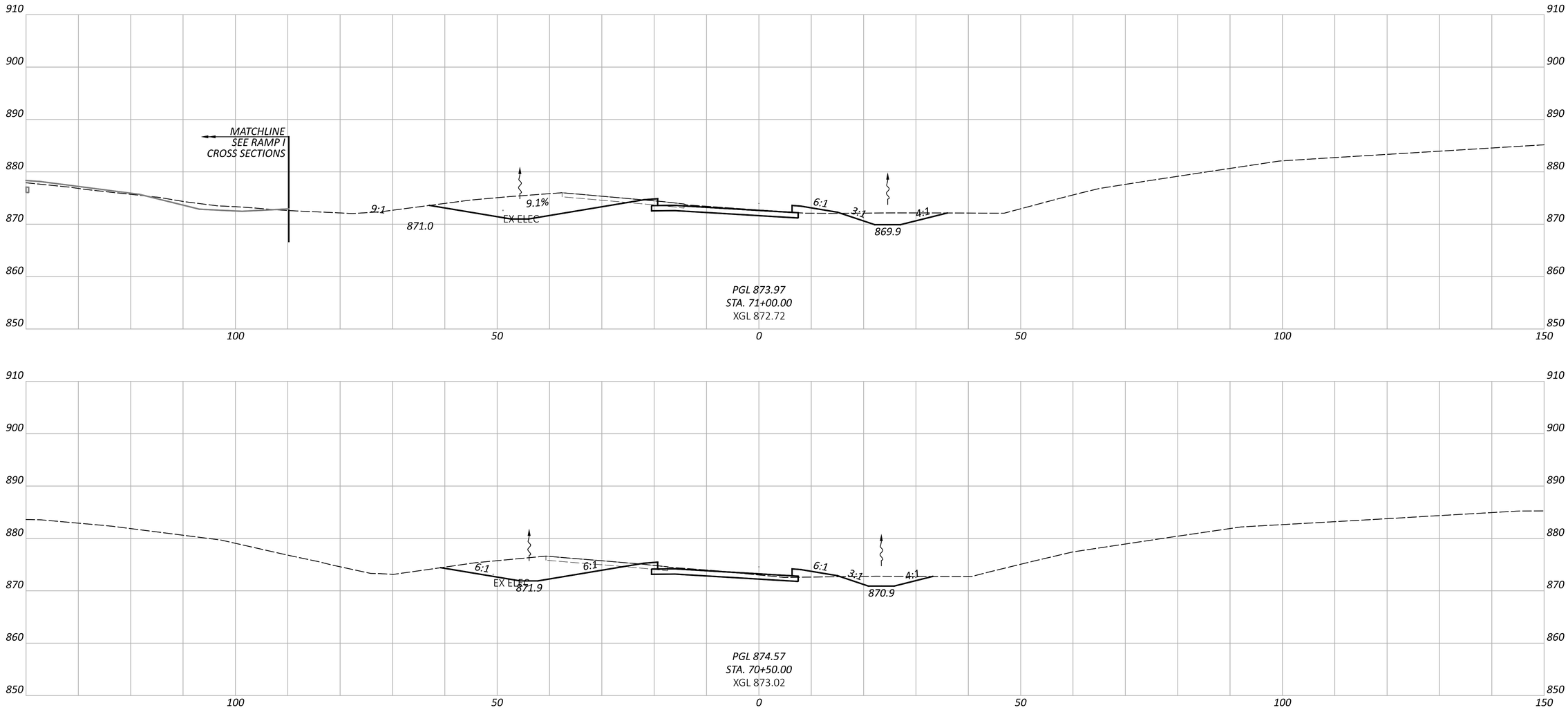
CROSS SECTIONS - RAMP D
STA. 69+50.00 TO STA. 70+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 69+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:34:58 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.0762 TOTAL: P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP D
STA. 70+50.00 TO STA. 71+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - 70+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:04 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

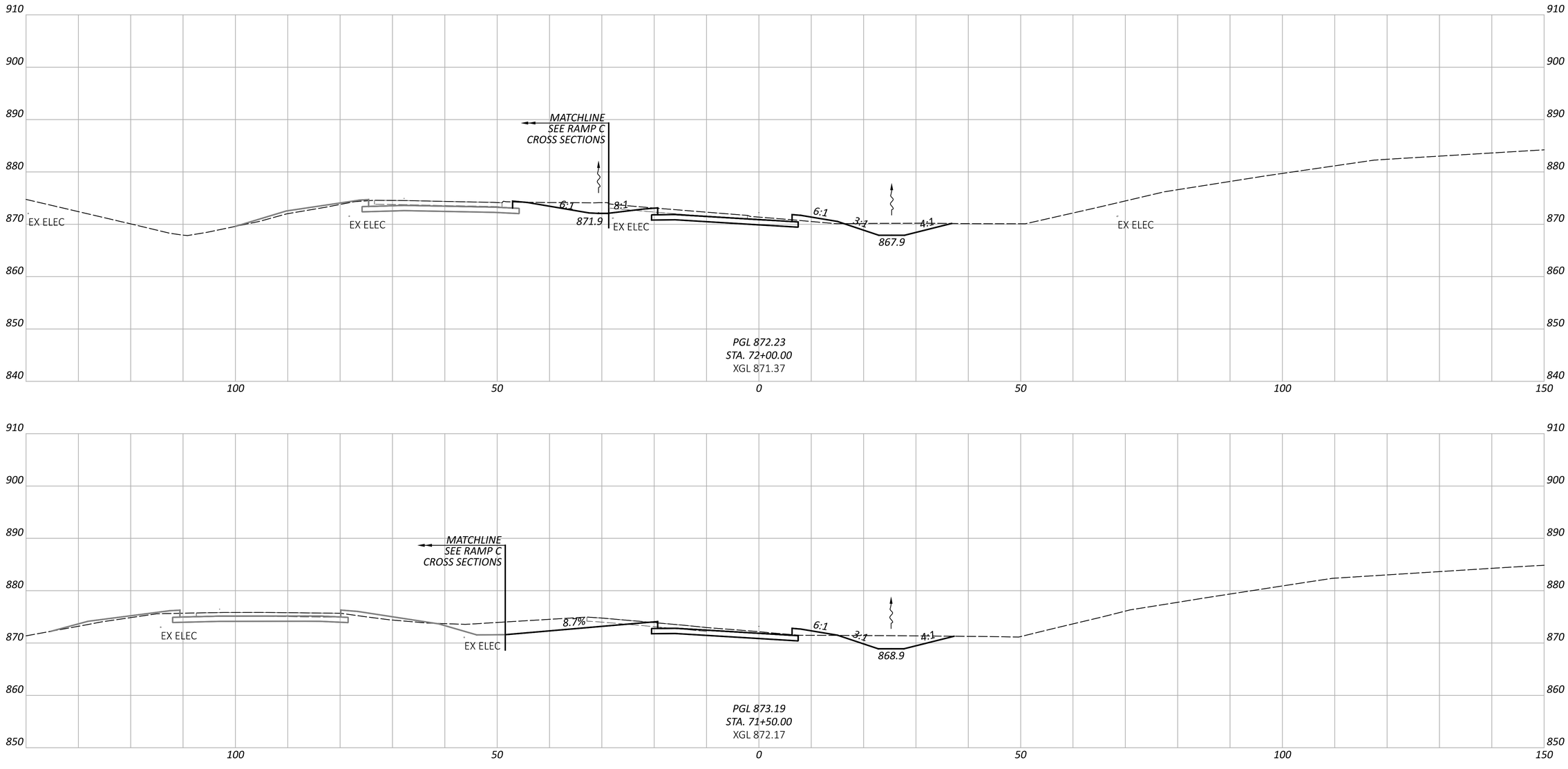
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0763 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP D
STA. 71+50.00 TO STA. 72+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0764 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 71+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:08 AM USER: brieder
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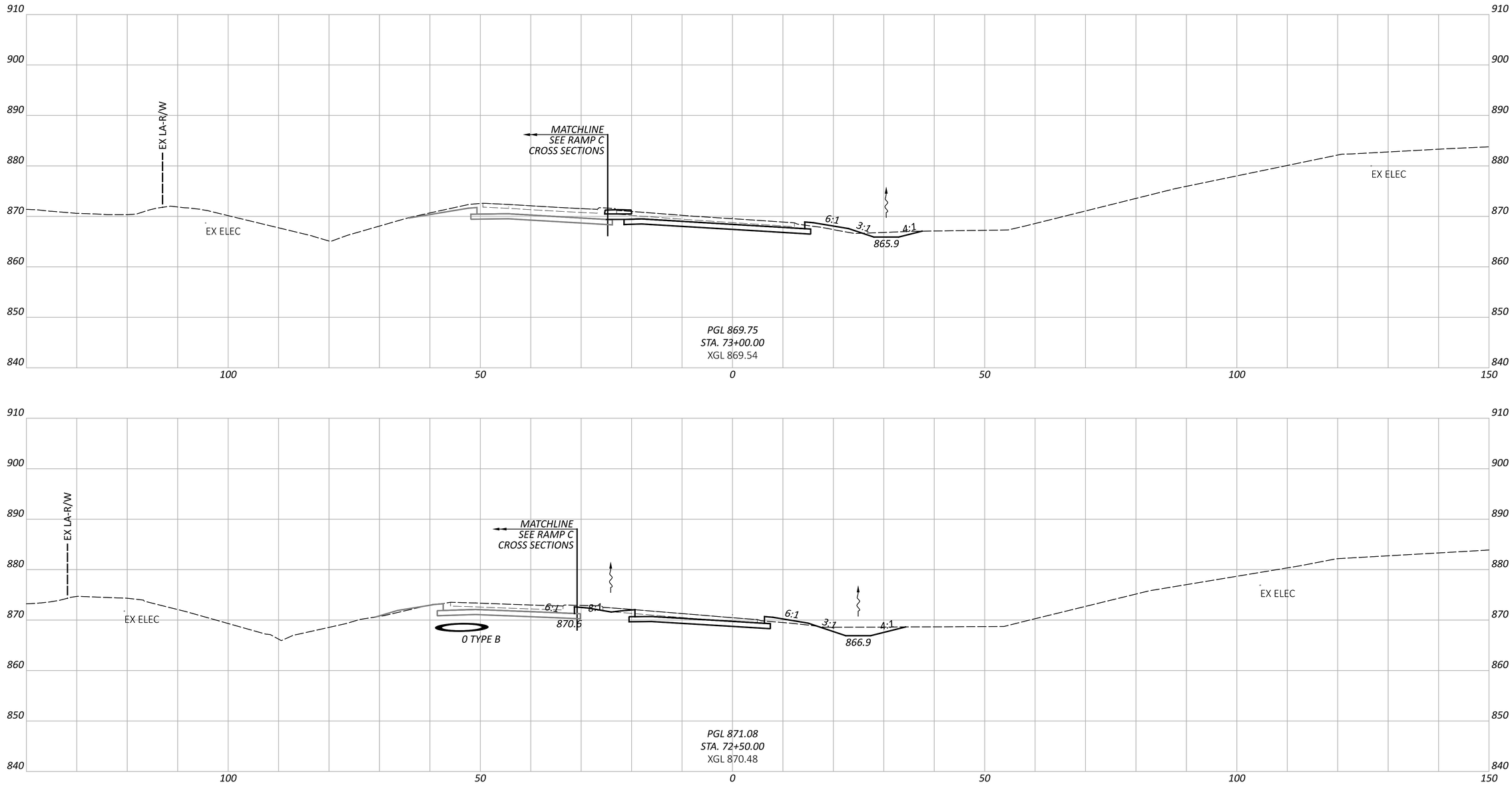
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP D
STA. 72+50.00 TO STA. 73+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 72+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:13 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

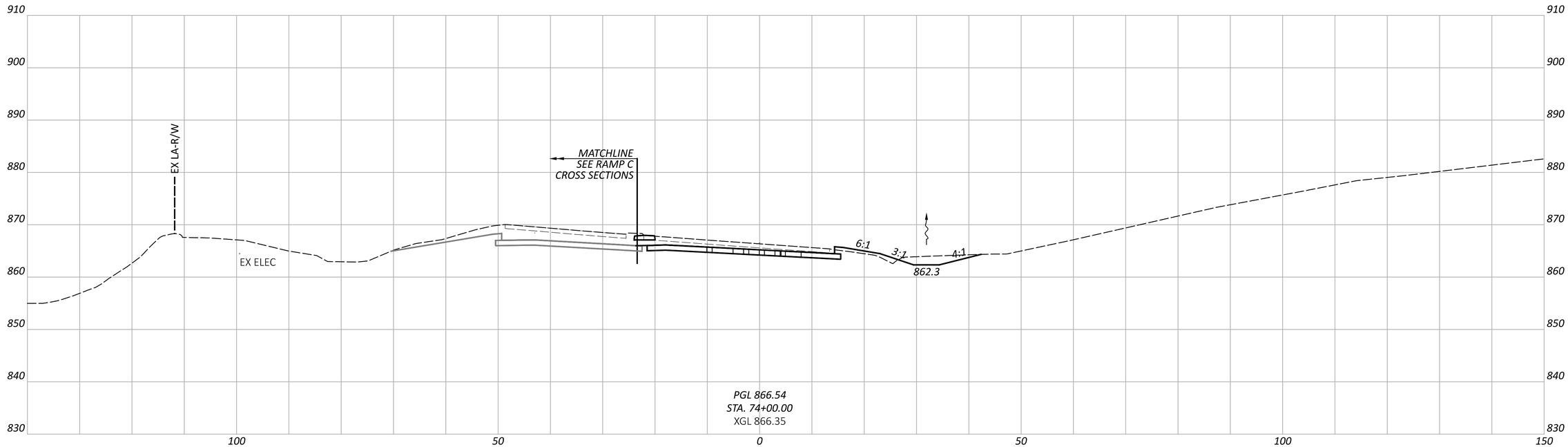
DESIGNER
BER

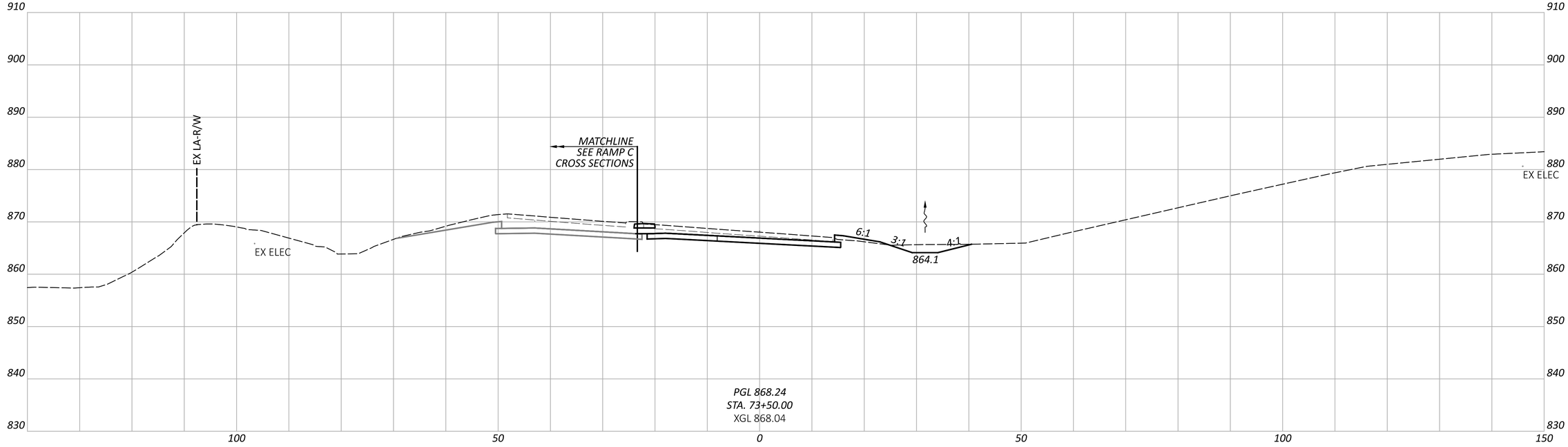
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0765 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP D
STA. 73+50.00 TO STA. 74+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - 73+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:17 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS240.dgn

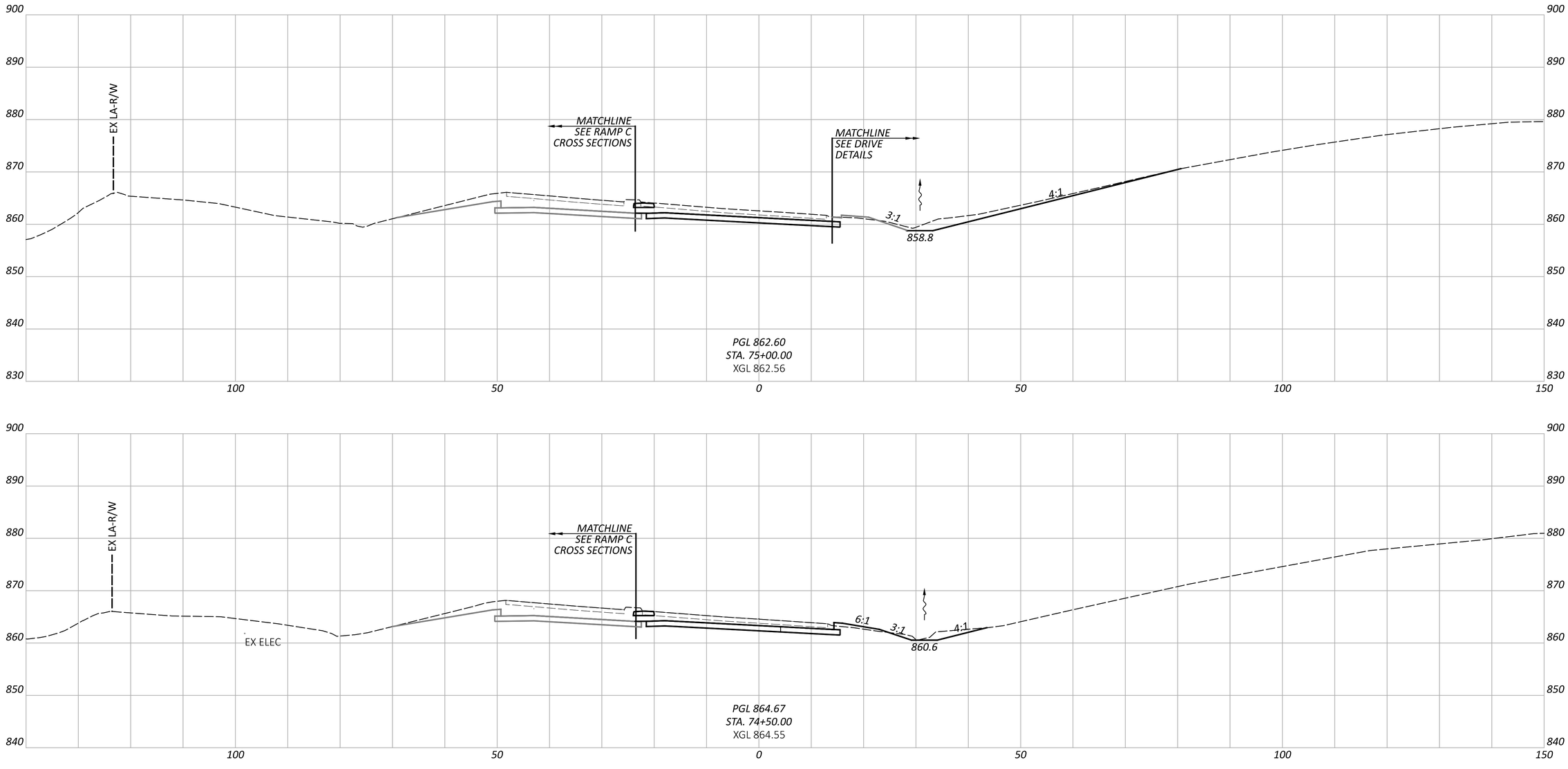
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0766 TOTAL P.2024



CROSS SECTIONS - RAMP D
STA. 74+50.00 TO STA. 75+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 74+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:20 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

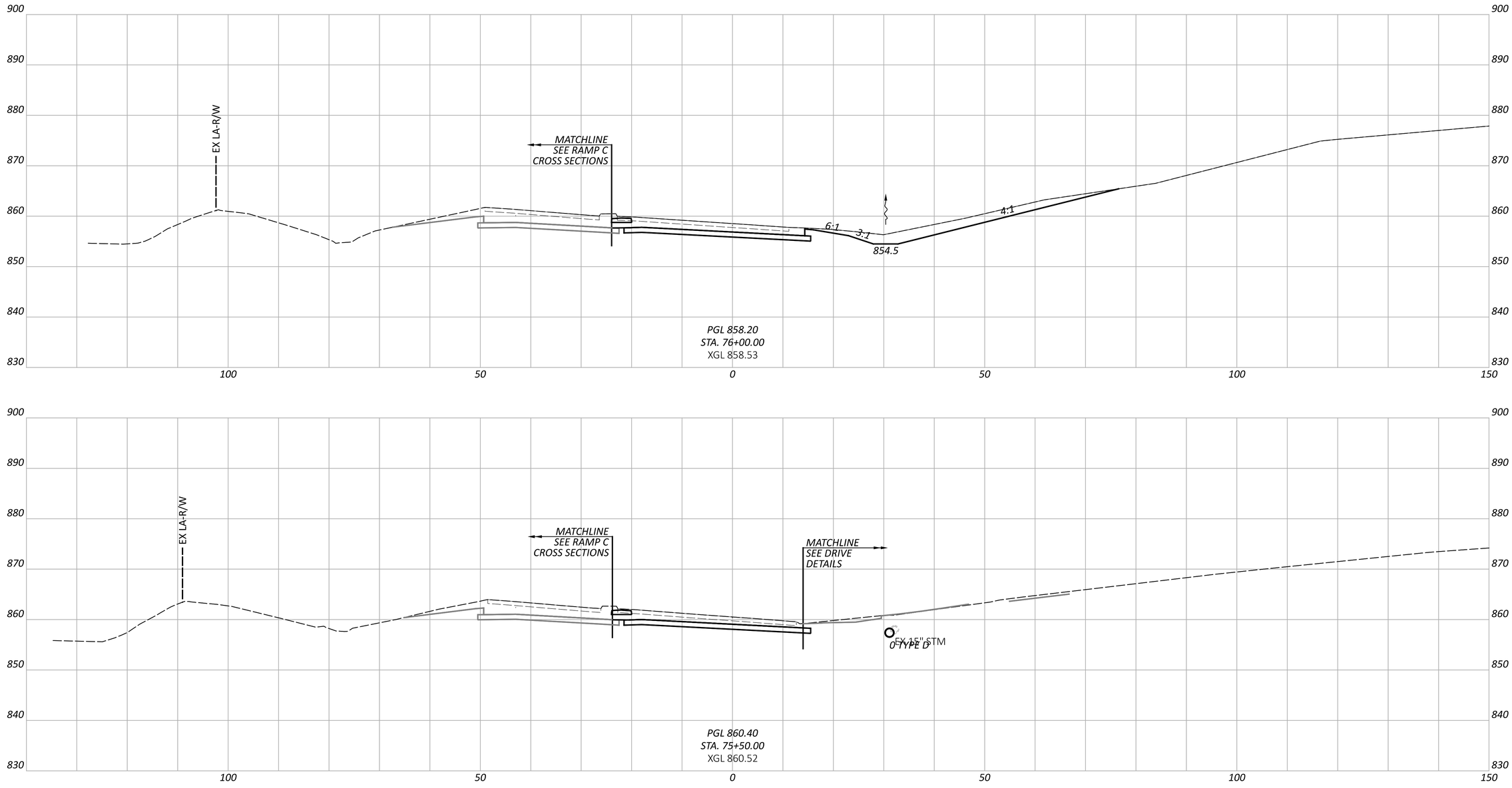
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0767 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP D
STA. 75+50.00 TO STA. 76+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 75+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:25 AM USER: brieder
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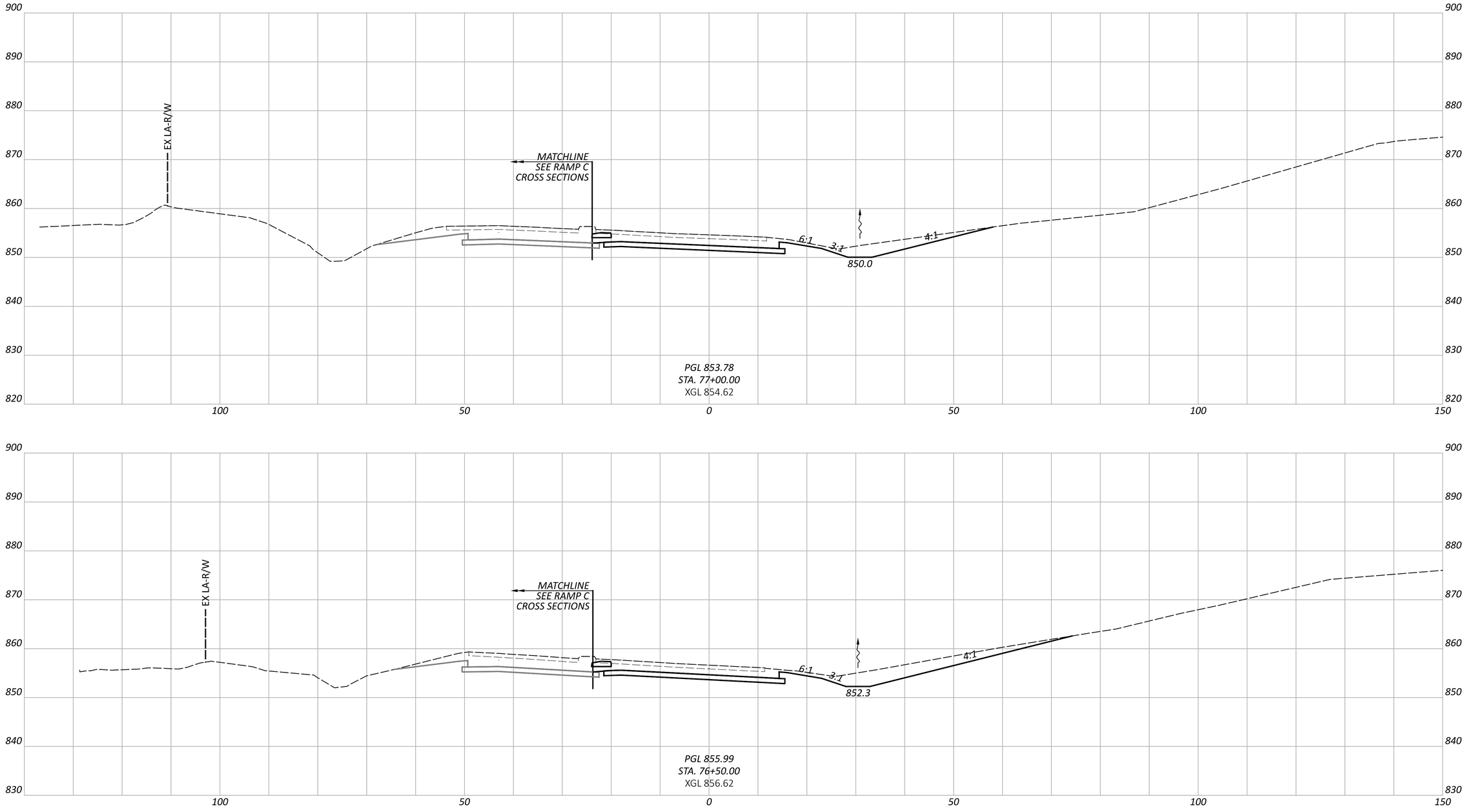
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0768
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP D
STA. 76+50.00 TO STA. 77+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - 76+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:29 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

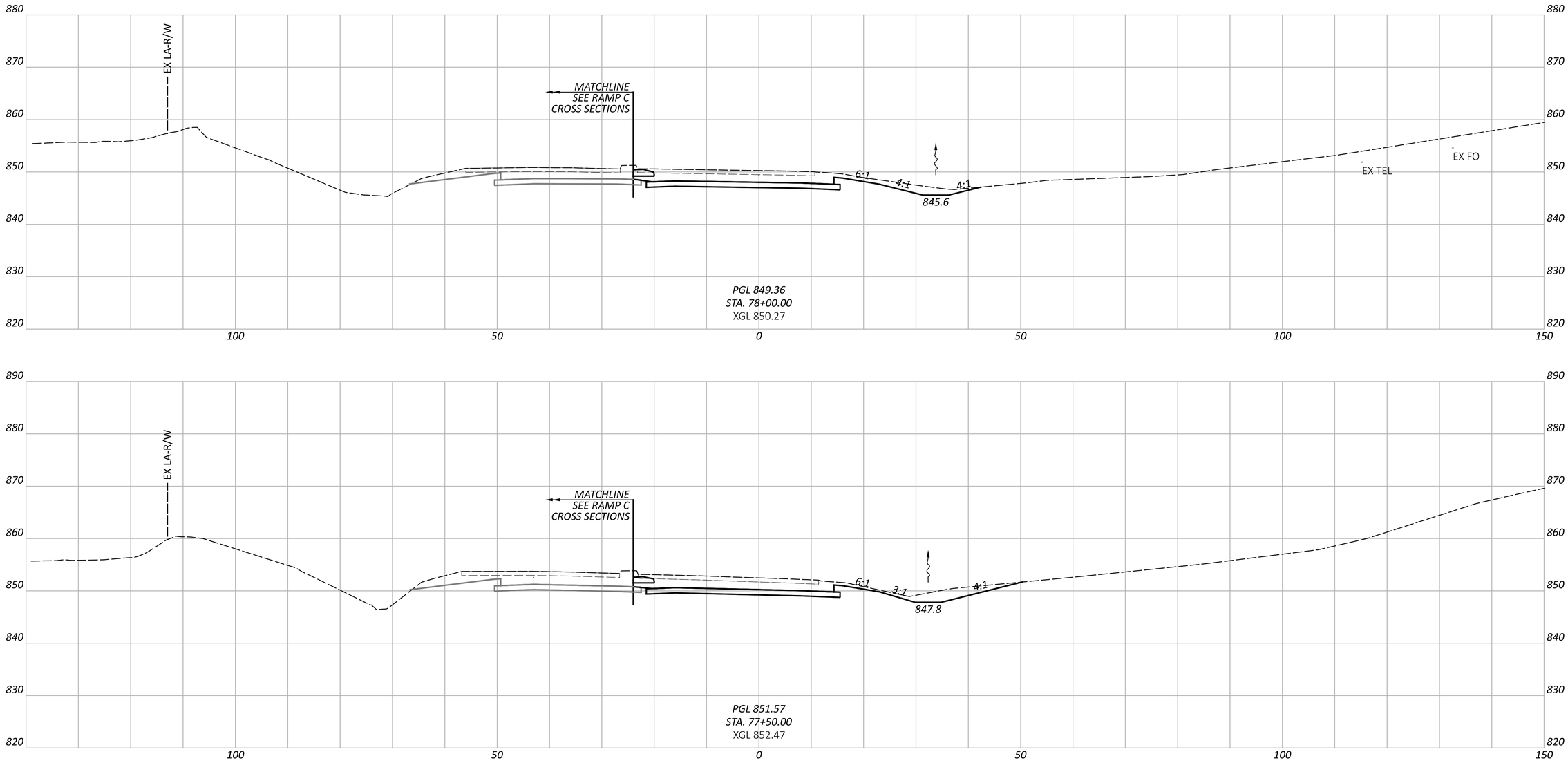
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0769 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP D
STA. 77+50.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - 77+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:34 AM USER: brieder
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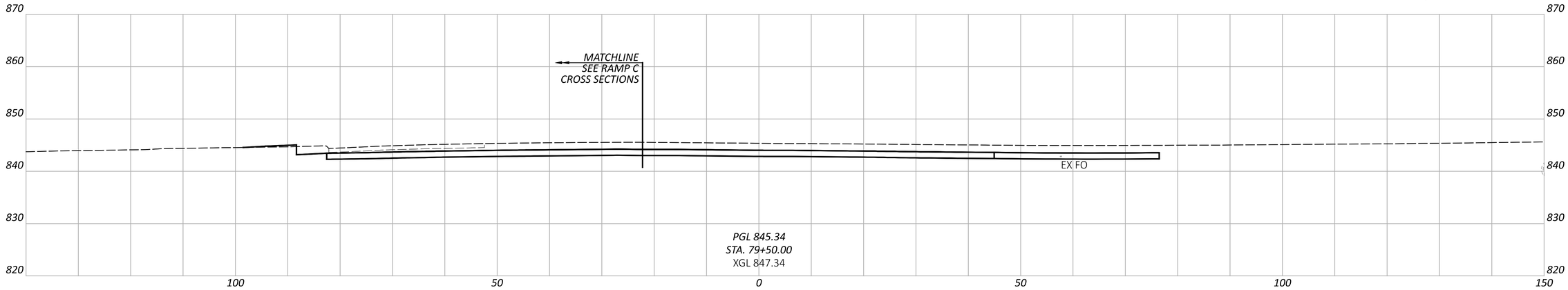
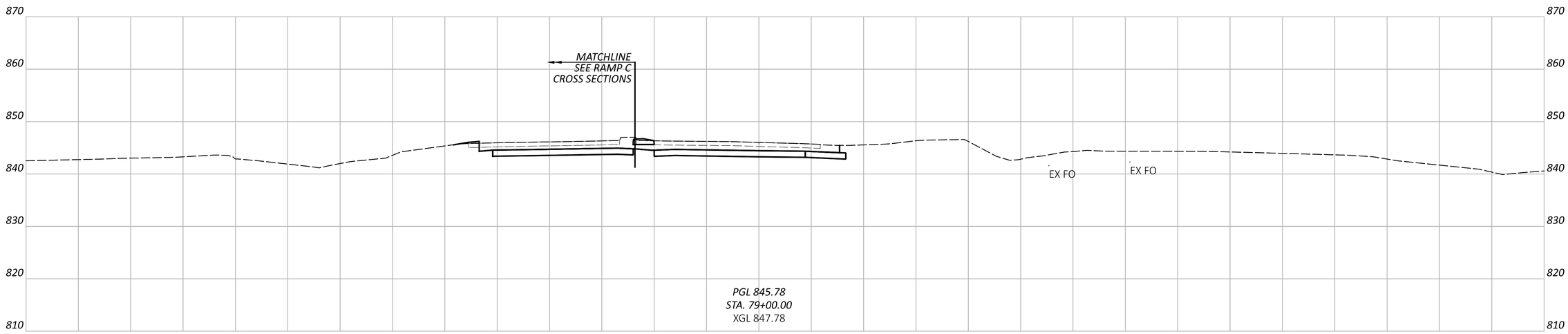
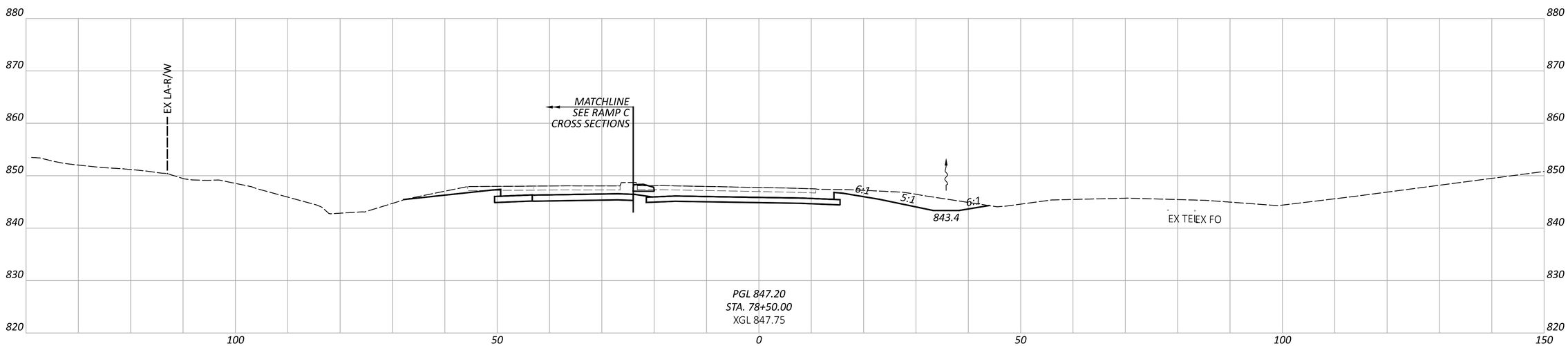
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0770
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP D
STA. 78+50.00 TO STA. 79+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0771
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OD - 78+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:37 AM USER: brieder
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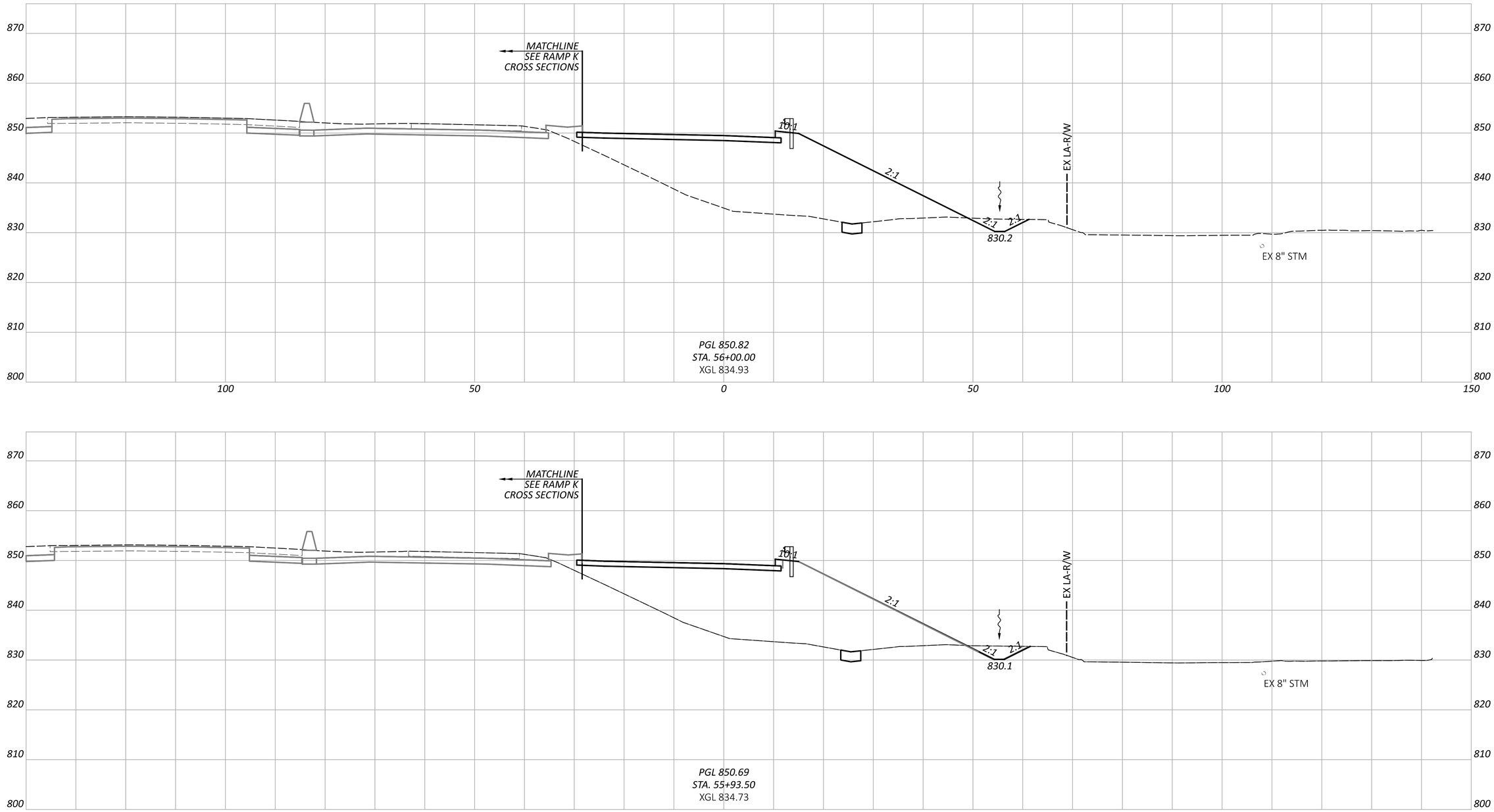
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP E
STA. 55+93.50 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 55+93.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:35:48 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

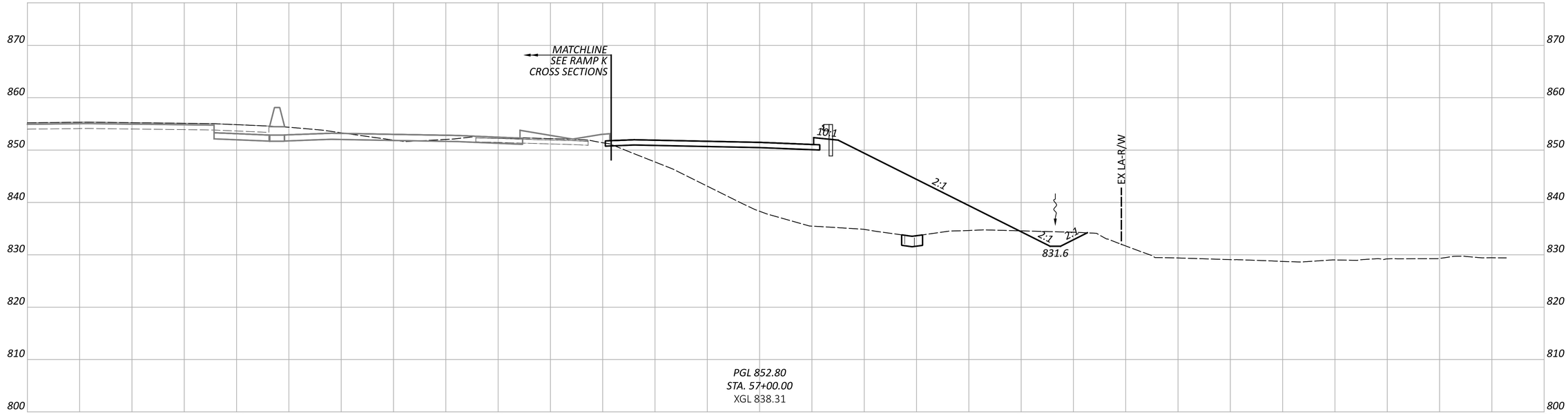
REVIEWER
KAM 08/07/26

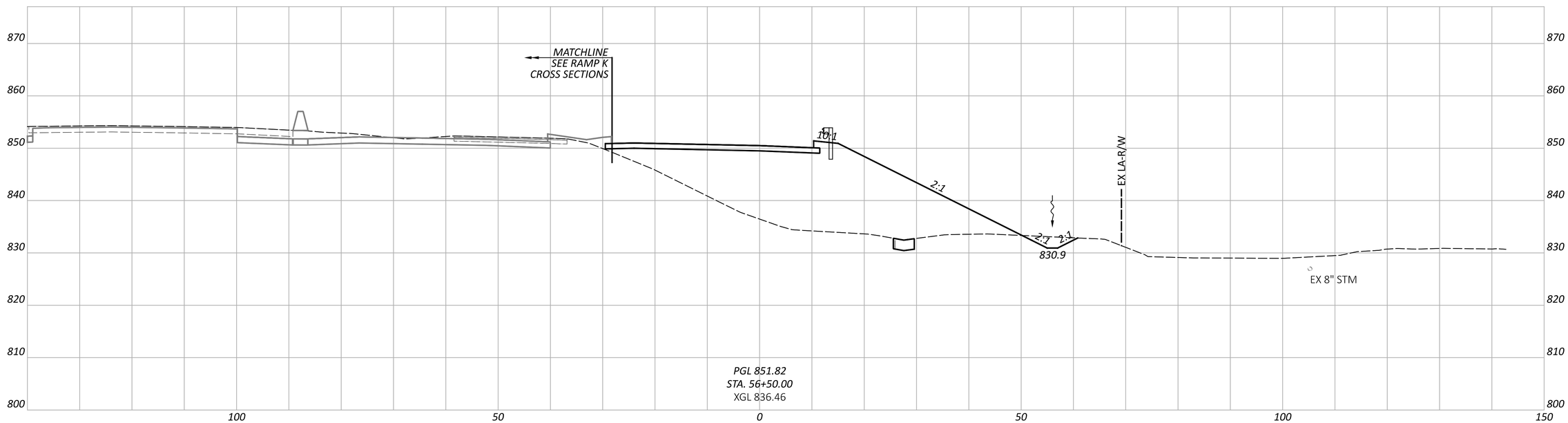
PROJECT ID
96808

SHEET P.0772 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP E
STA. 56+50.00 TO STA. 57+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 56+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:36:00 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

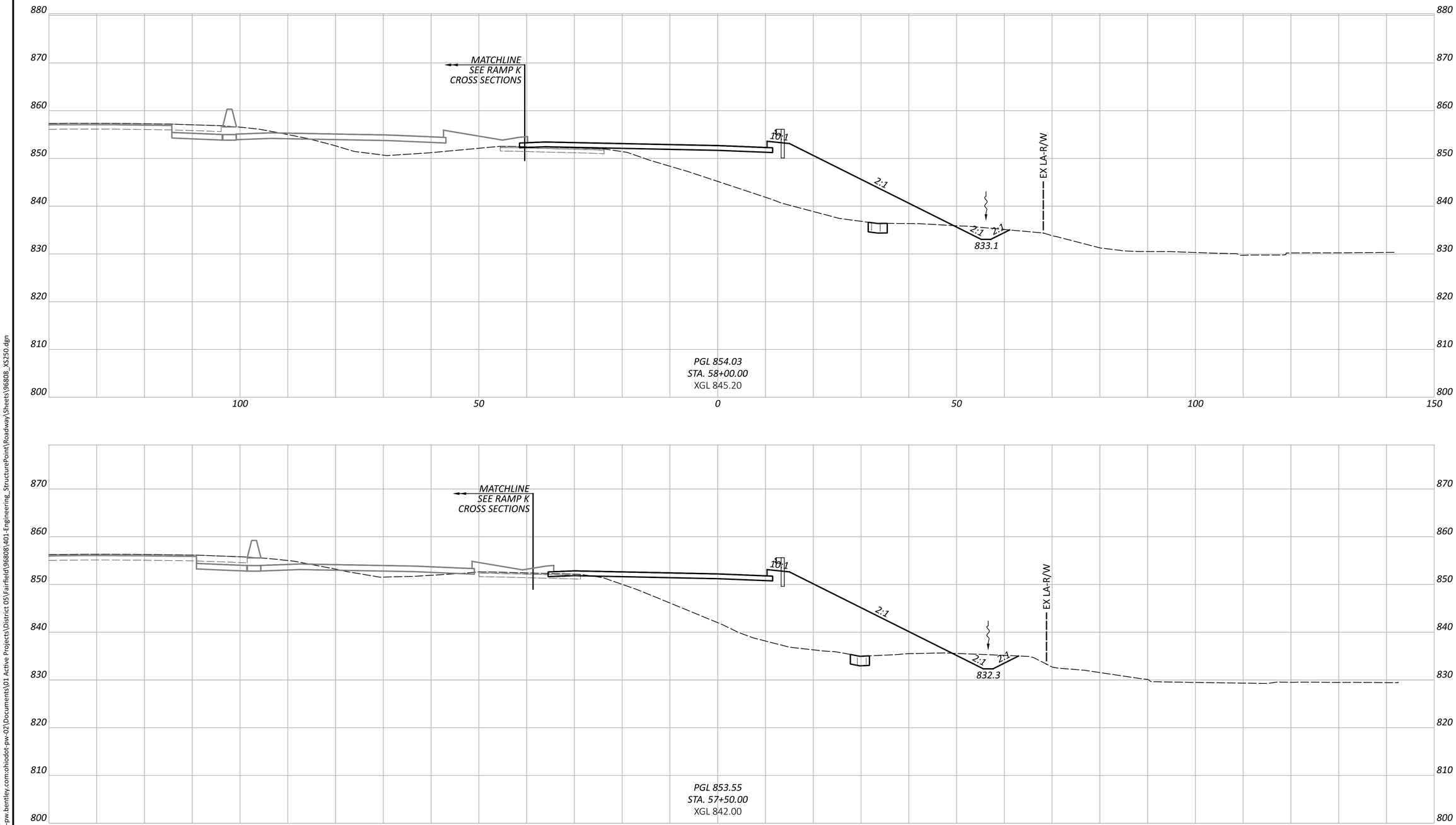
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0773 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP E
STA. 57+50.00 TO STA. 58+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0774 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 57+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:36:09 AM USER: brieder
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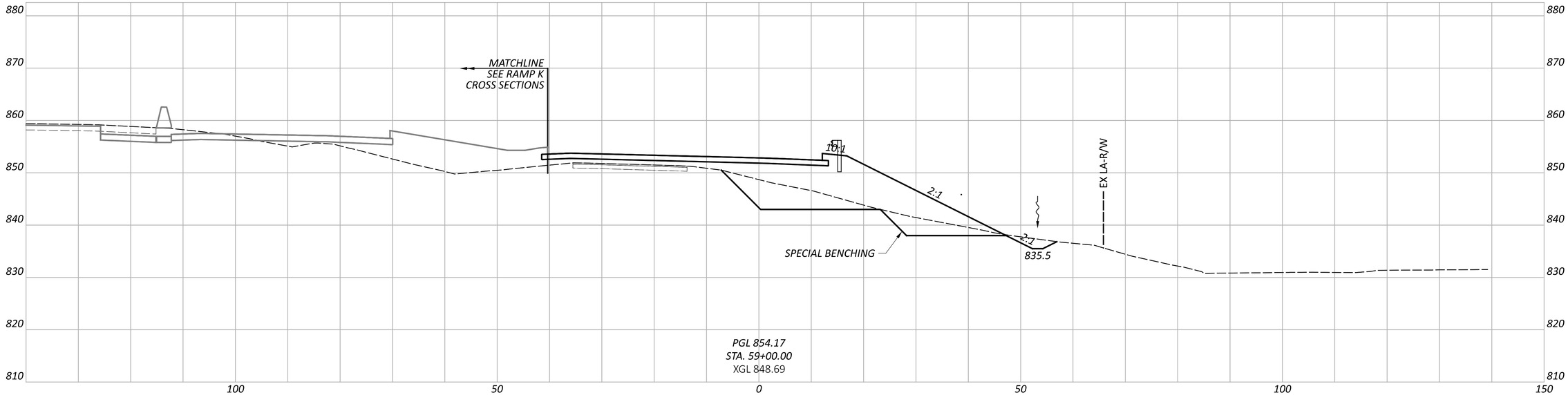
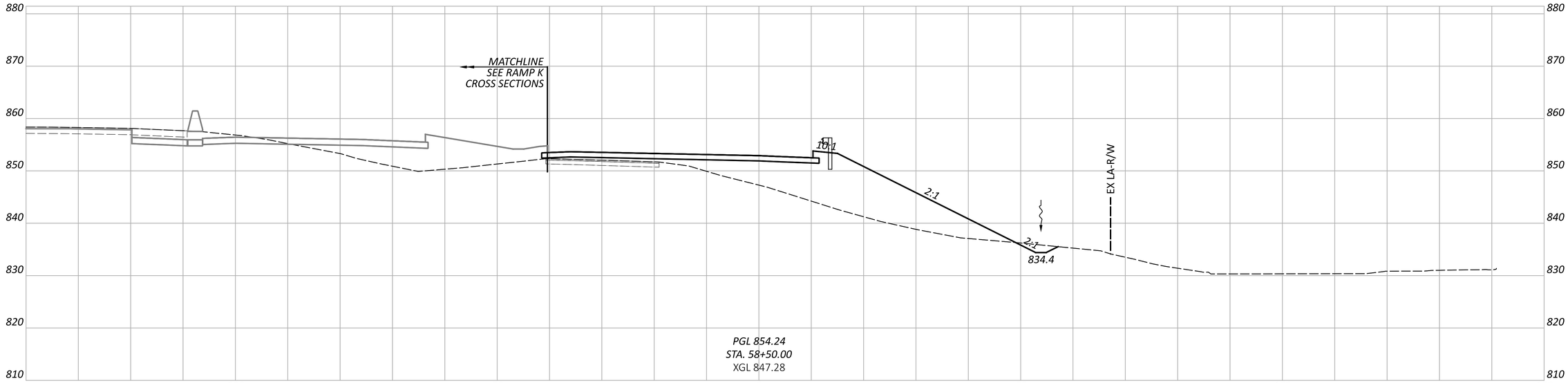
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 854.17
STA. 59+00.00
XGL 848.69



PGL 854.24
STA. 58+50.00
XGL 847.28

CROSS SECTIONS - RAMP E
STA. 58+50.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:36:17 AM USER: brieder
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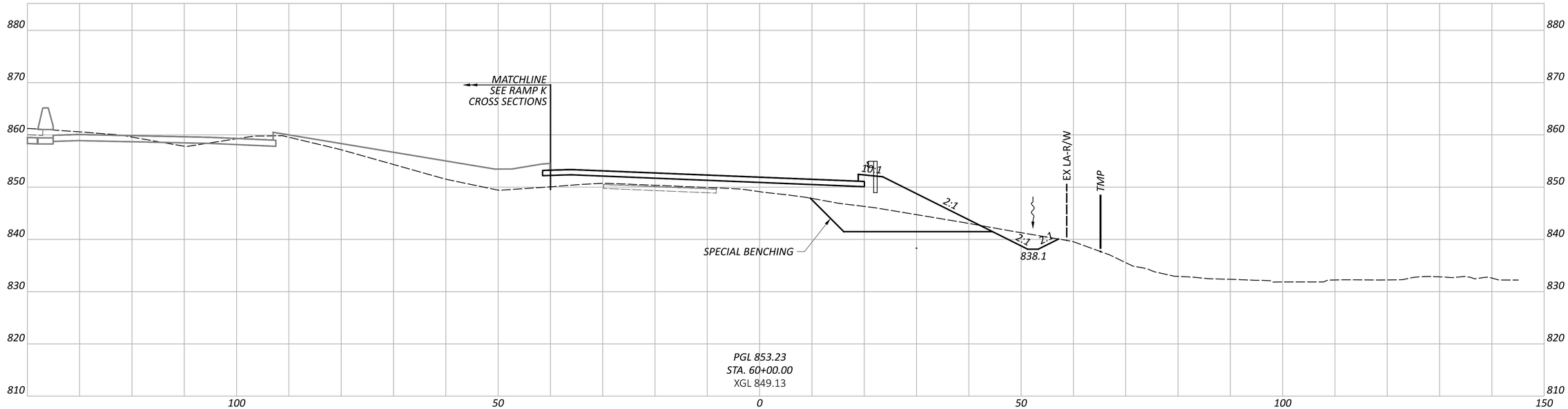
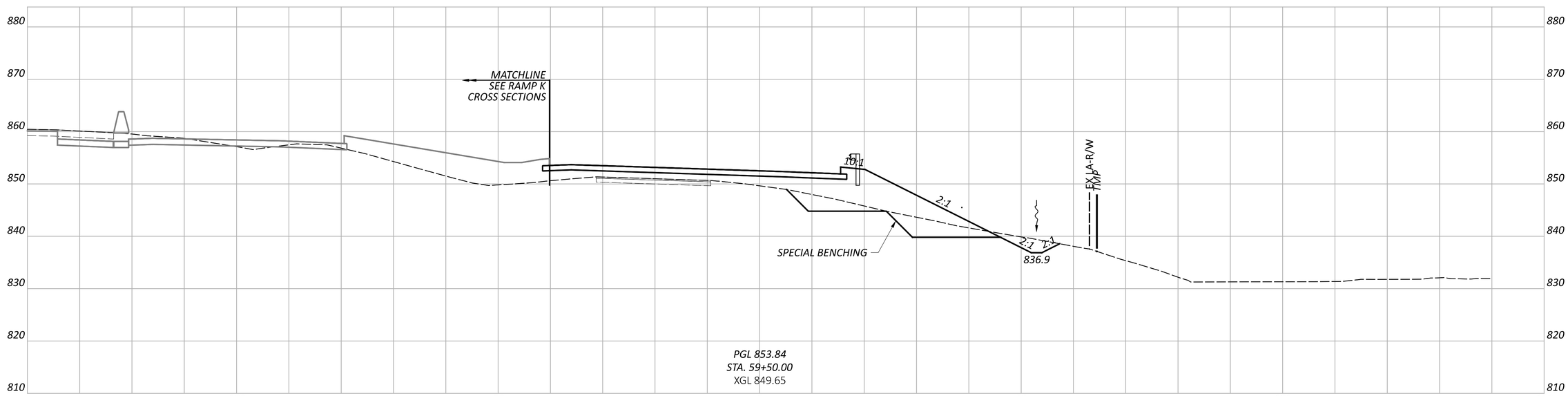
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0775
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP E
STA. 59+50.00 TO STA. 60+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 59+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:36:26 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS250.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

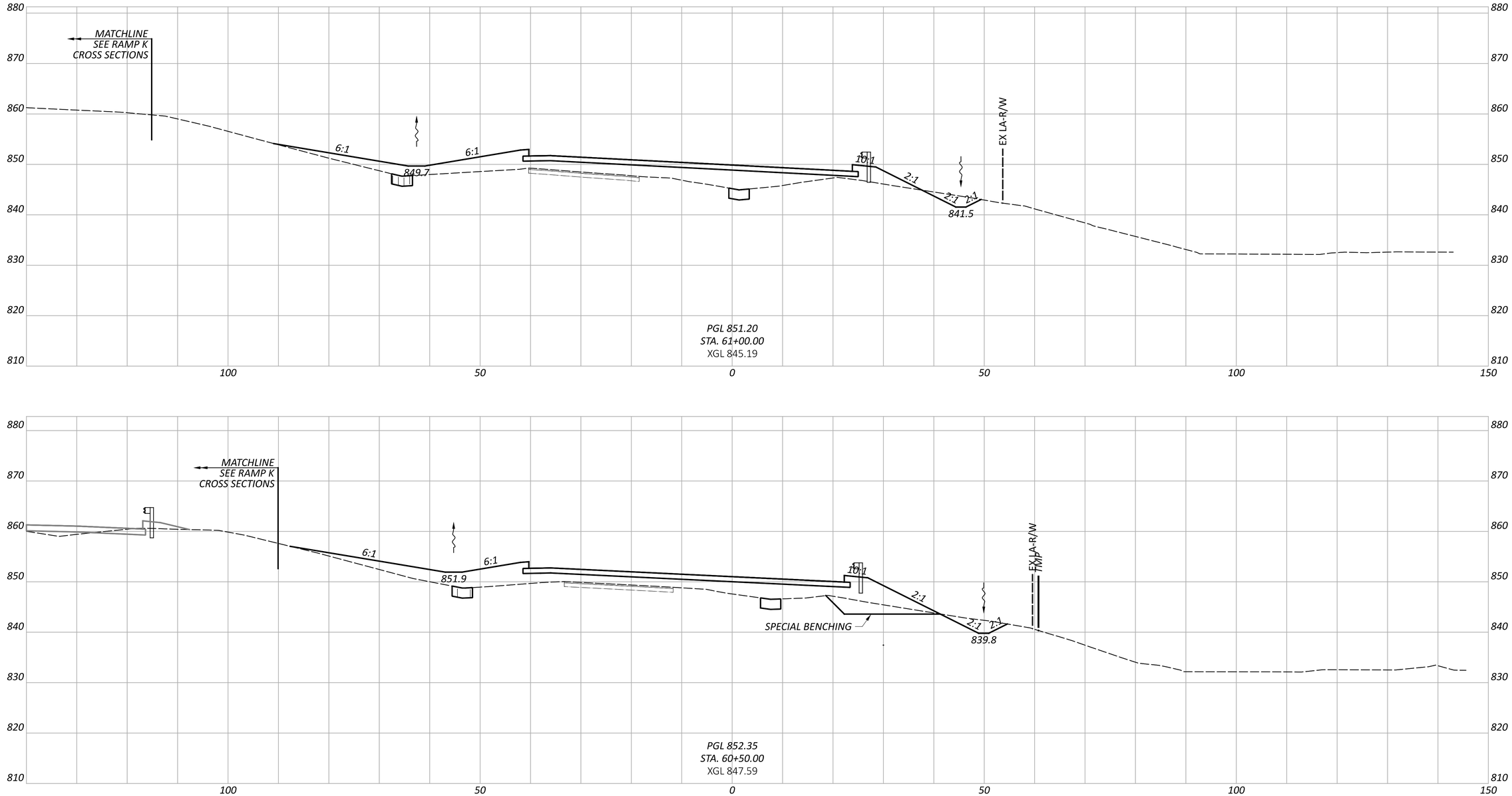
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0776 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP E
STA. 60+50.00 TO STA. 61+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - 60+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:36:35 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

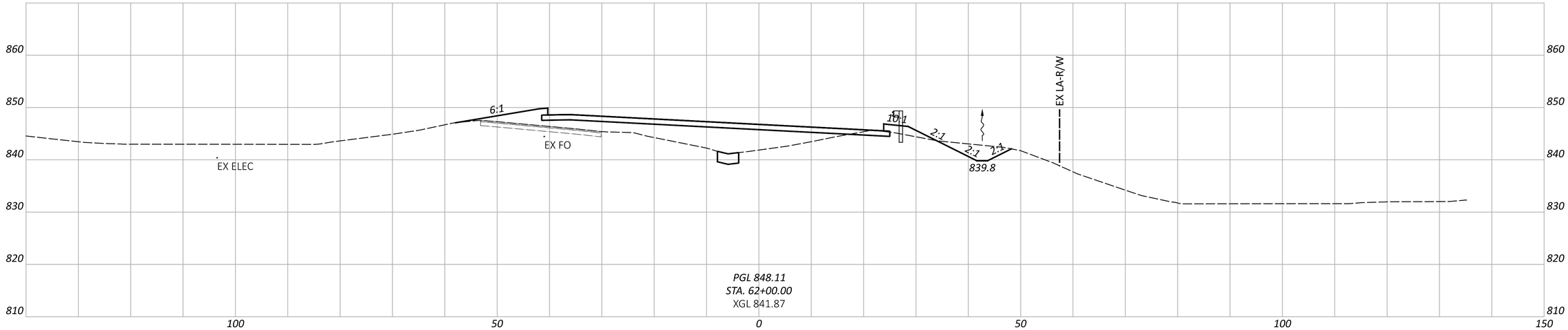
REVIEWER
KAM 08/07/26

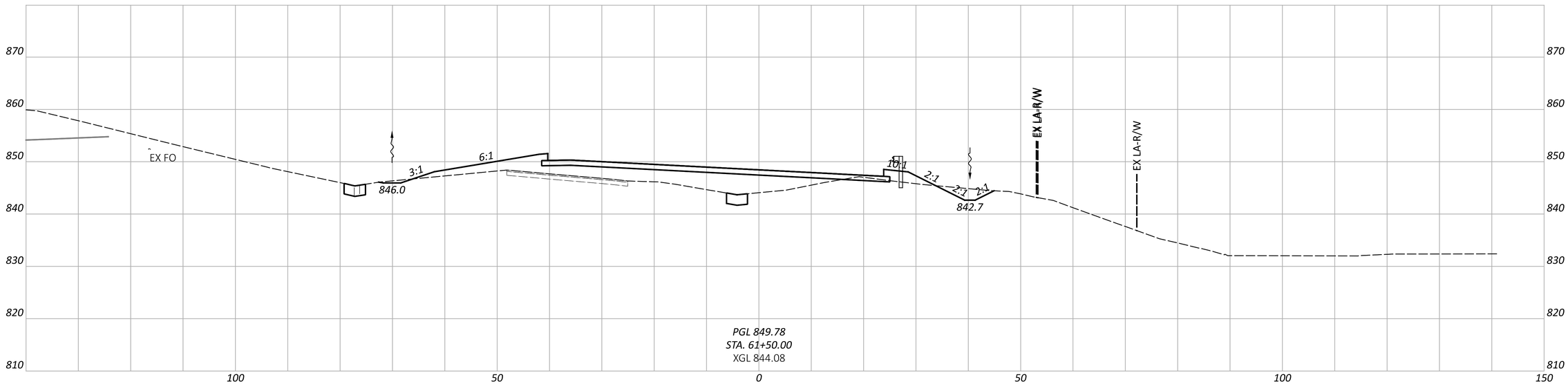
PROJECT ID
96808

SHEET P.0777 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





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STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

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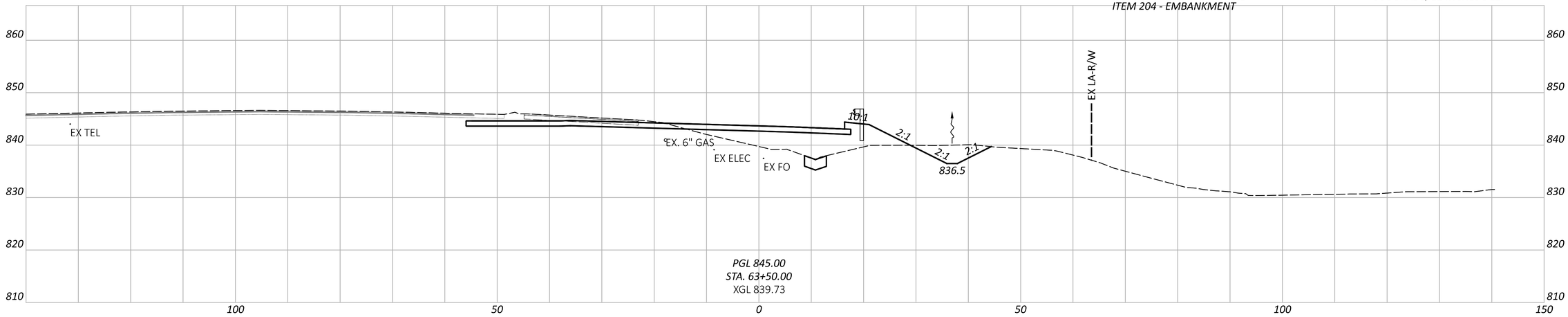
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0778
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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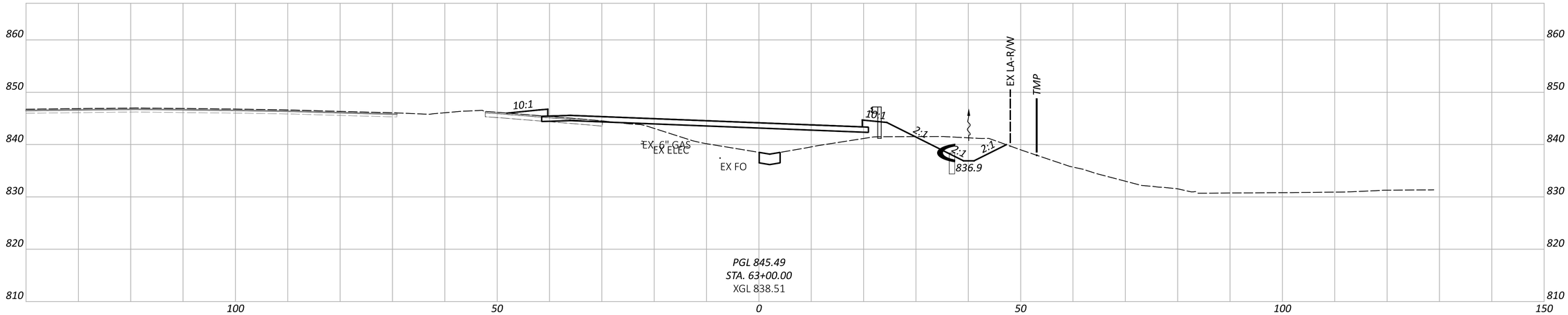
STA. 63+50.00
XGL 839.73



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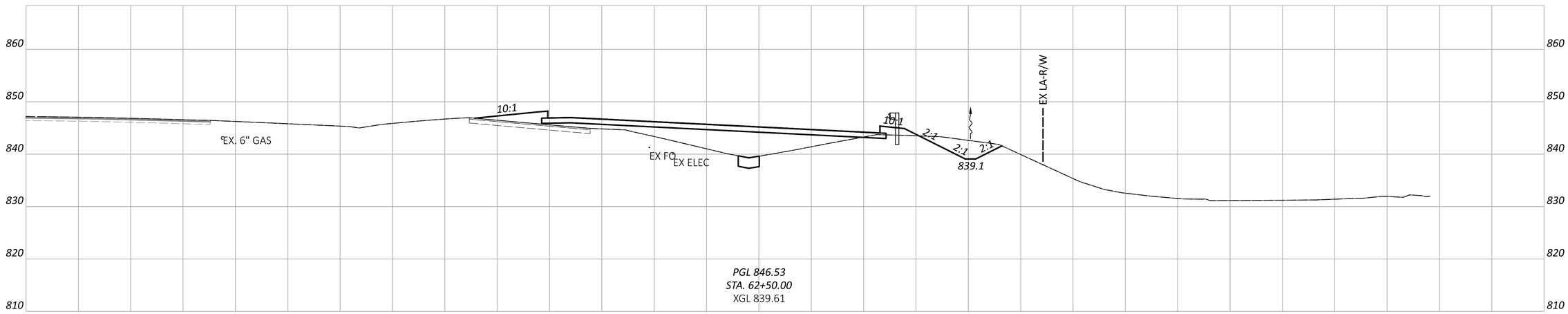
STA. 63+00.00
XGL 838.51



PGL 846.53
STA. 62+50.00
XGL 839.61

CROSS SECTIONS - RAMP E
STA. 62+50.00 TO STA. 63+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0779 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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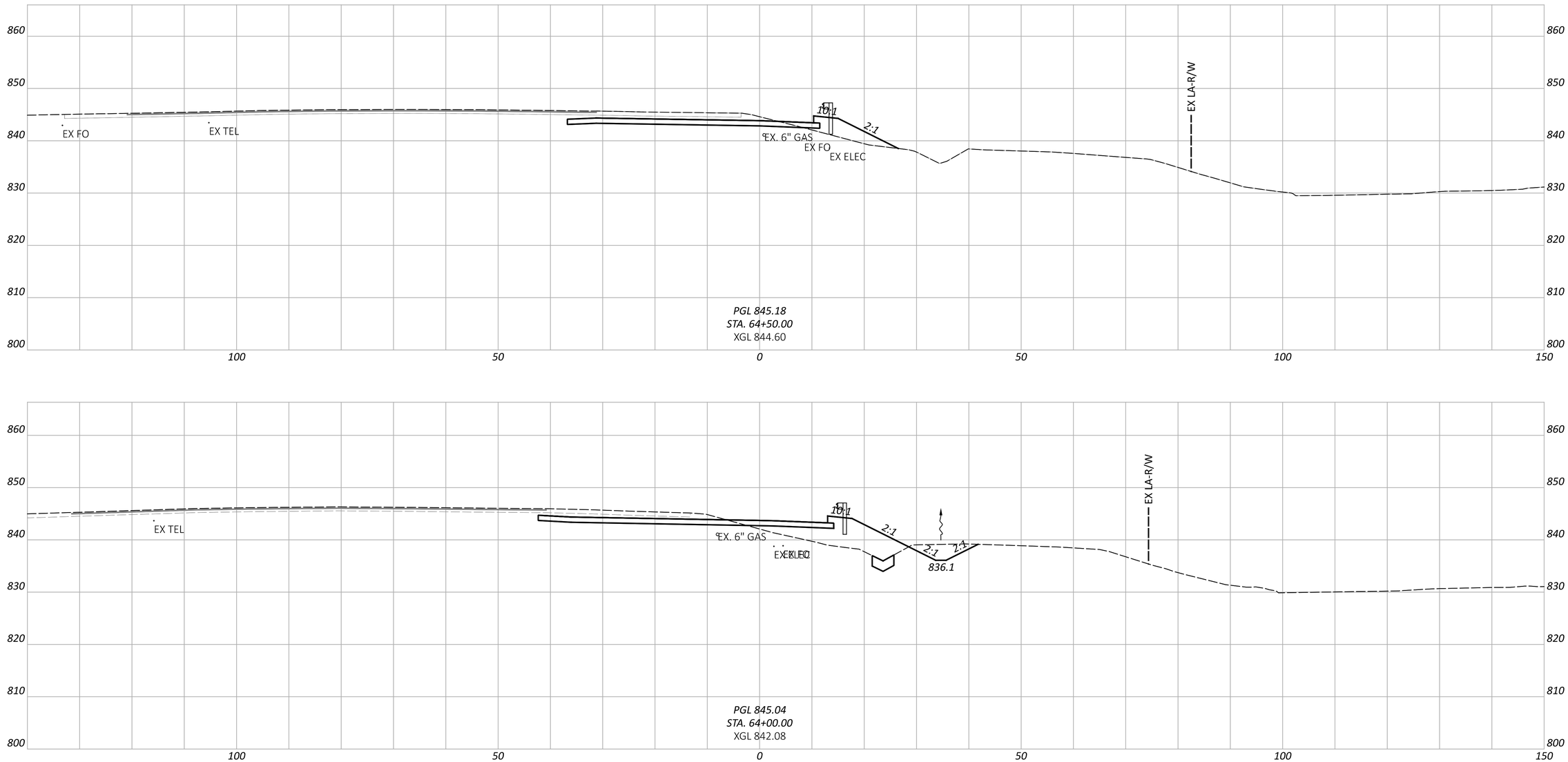
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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STA. 64+00.00 TO STA. 64+50.00

FAI/LIC-IR 70-0.00/0.00

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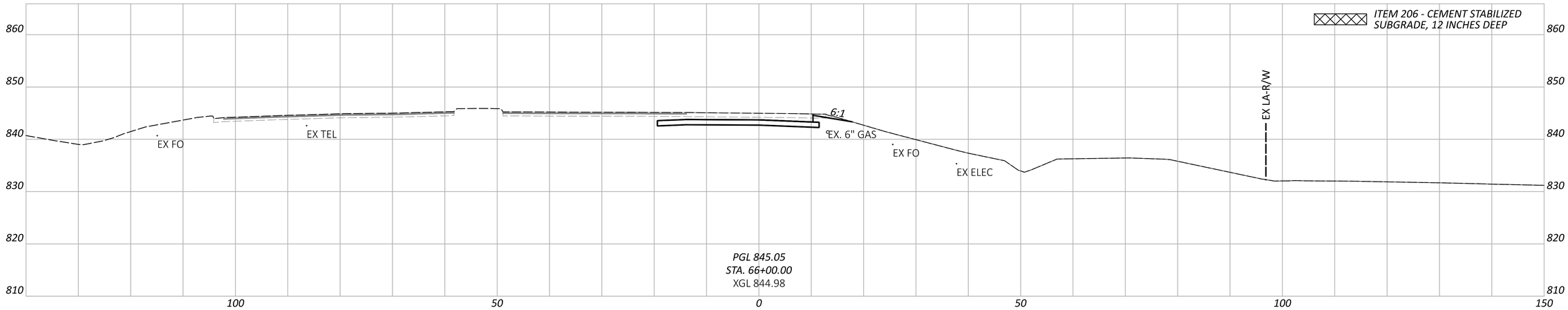
DESIGN AGENCY
STRUCTUREPOINT INC.

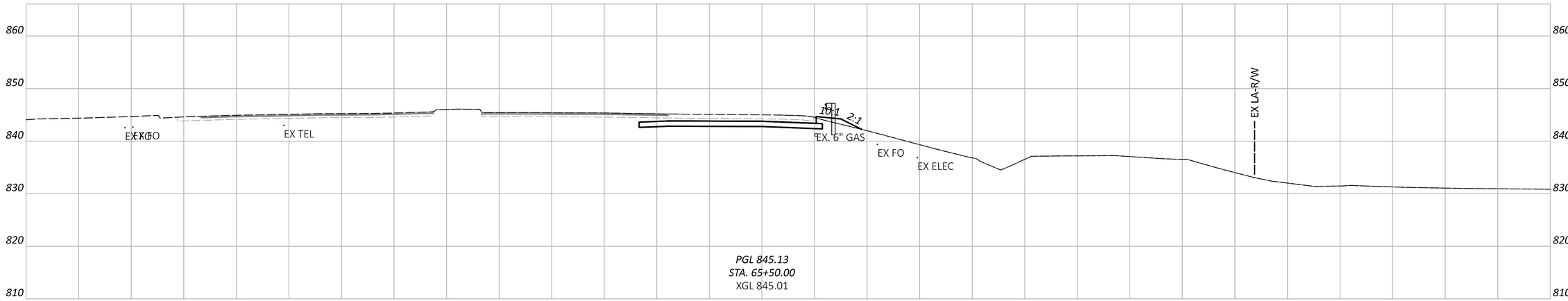
DESIGNER
BER

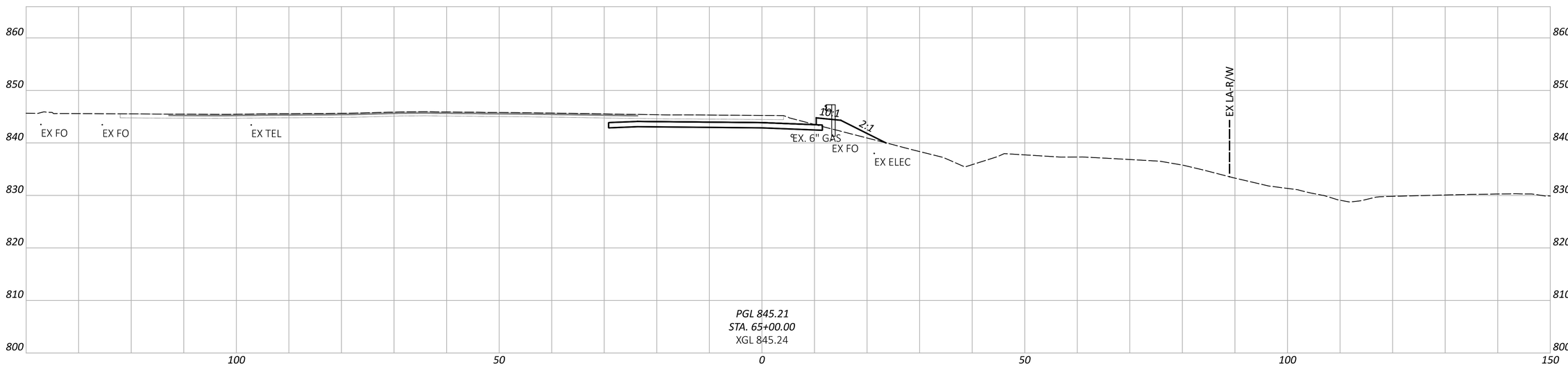
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0780 TOTAL P.2024







CROSS SECTIONS - RAMP E
STA. 65+00.00 TO STA. 66+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

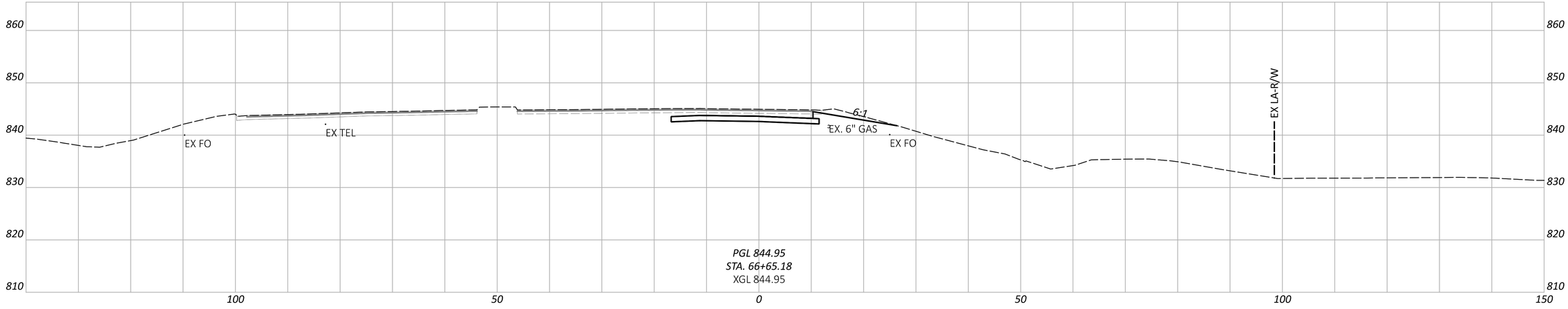
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0781 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP E
STA. 66+50.00 TO STA. 66+65.18

FAI/LIC-IR 70-0.00/0.00

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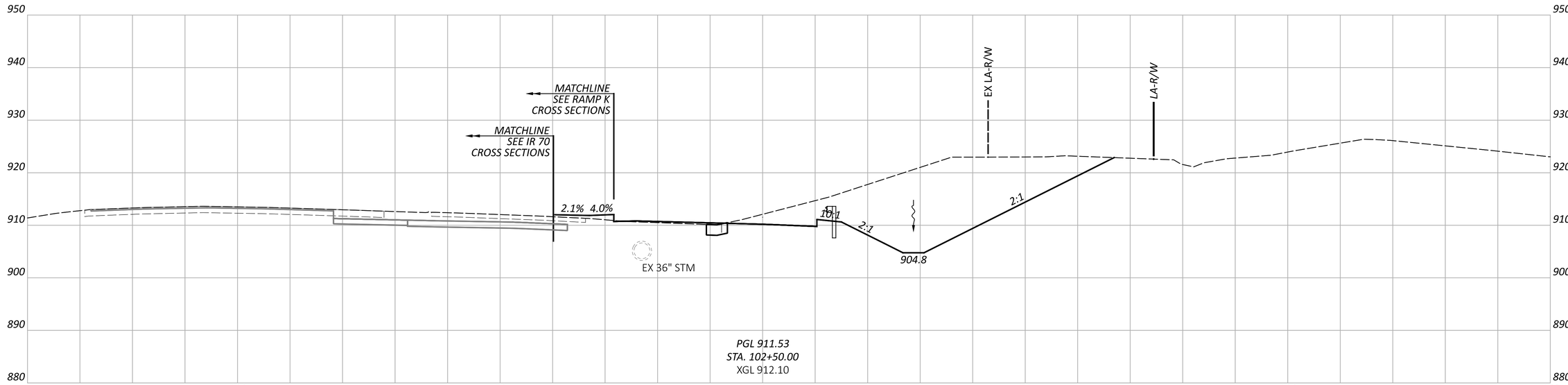
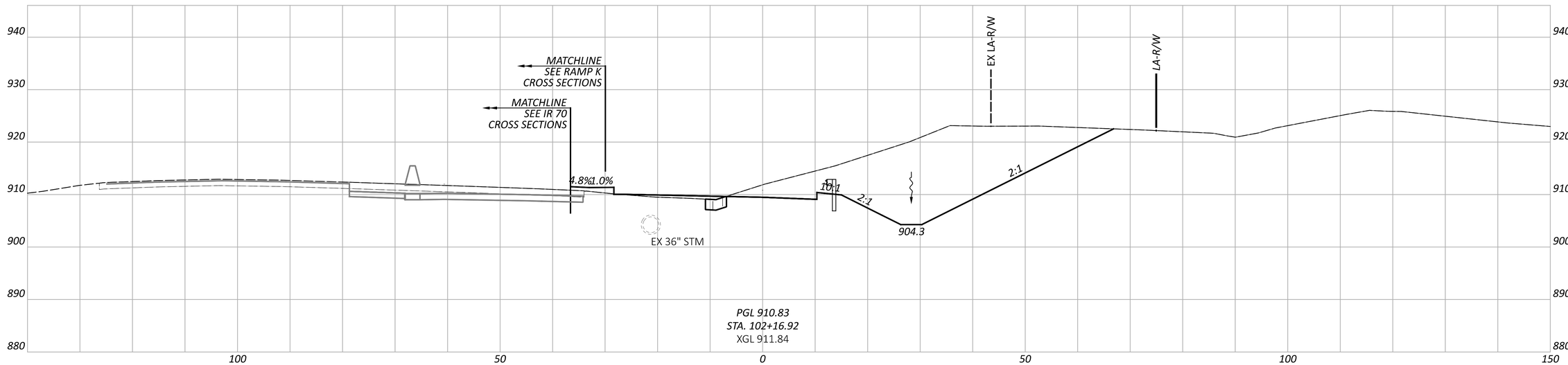
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0782
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER
GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT





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STA. 102+16.92 TO STA. 102+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

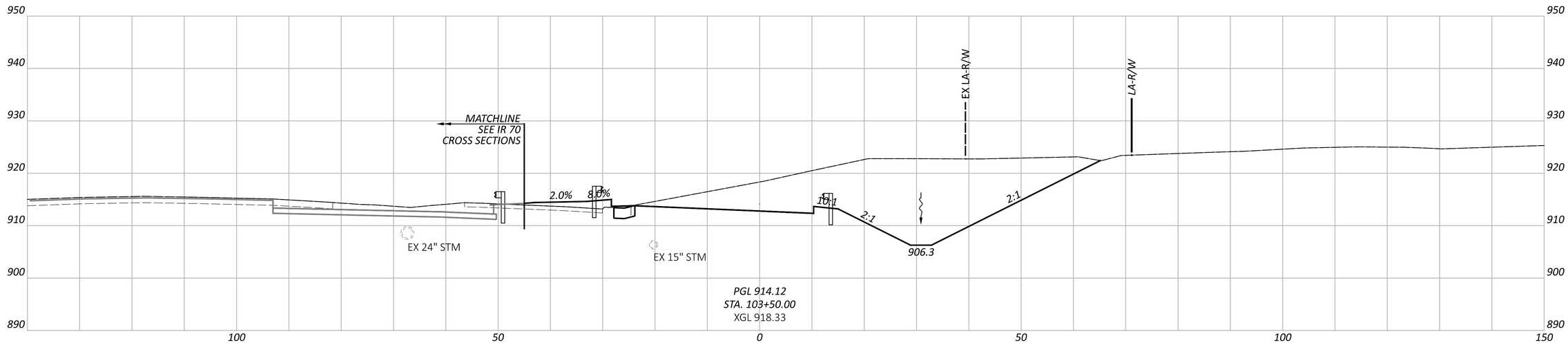
DESIGNER
BER

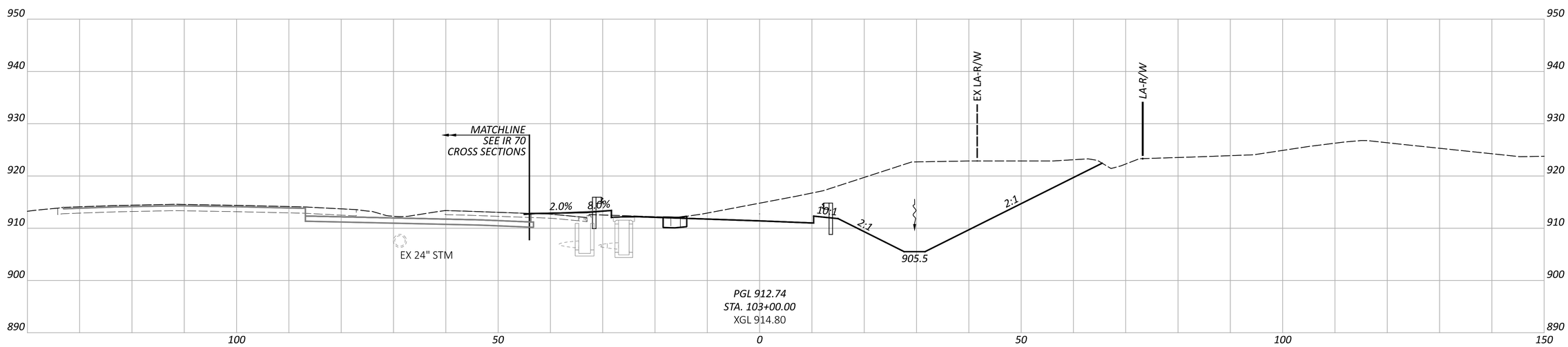
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0783 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT





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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

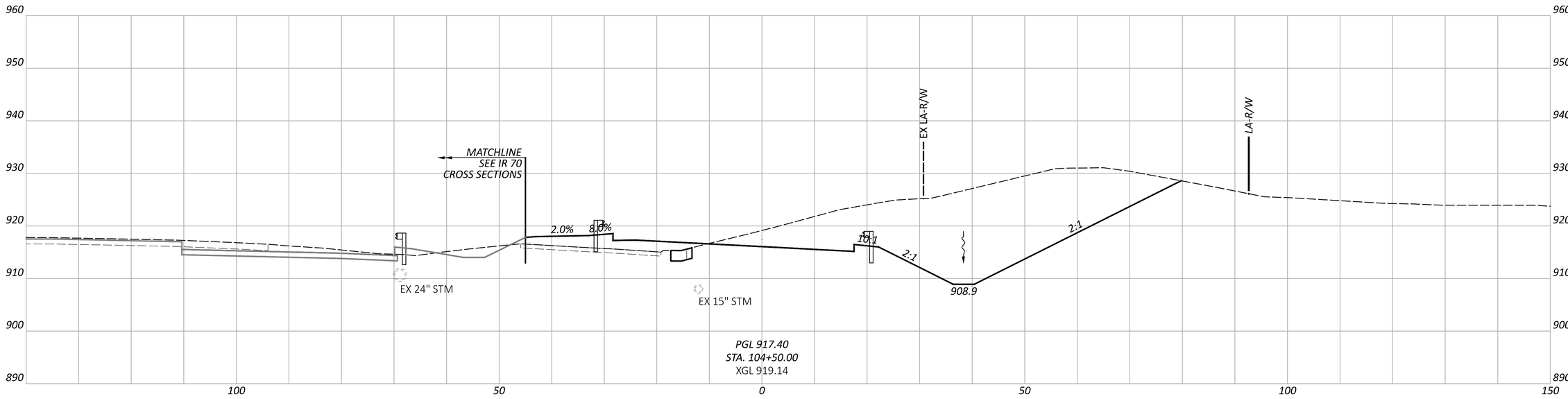
DESIGNER
BER

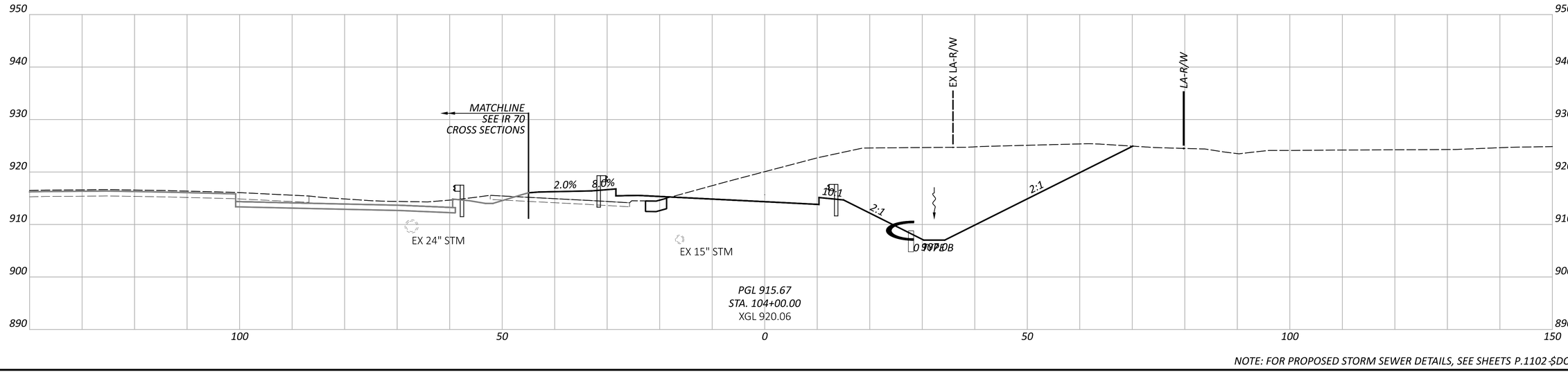
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0784 TOTAL P.2024

EXISTING DITCH EXCAVATION PER
GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP G
STA. 104+00.00 TO STA. 104+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

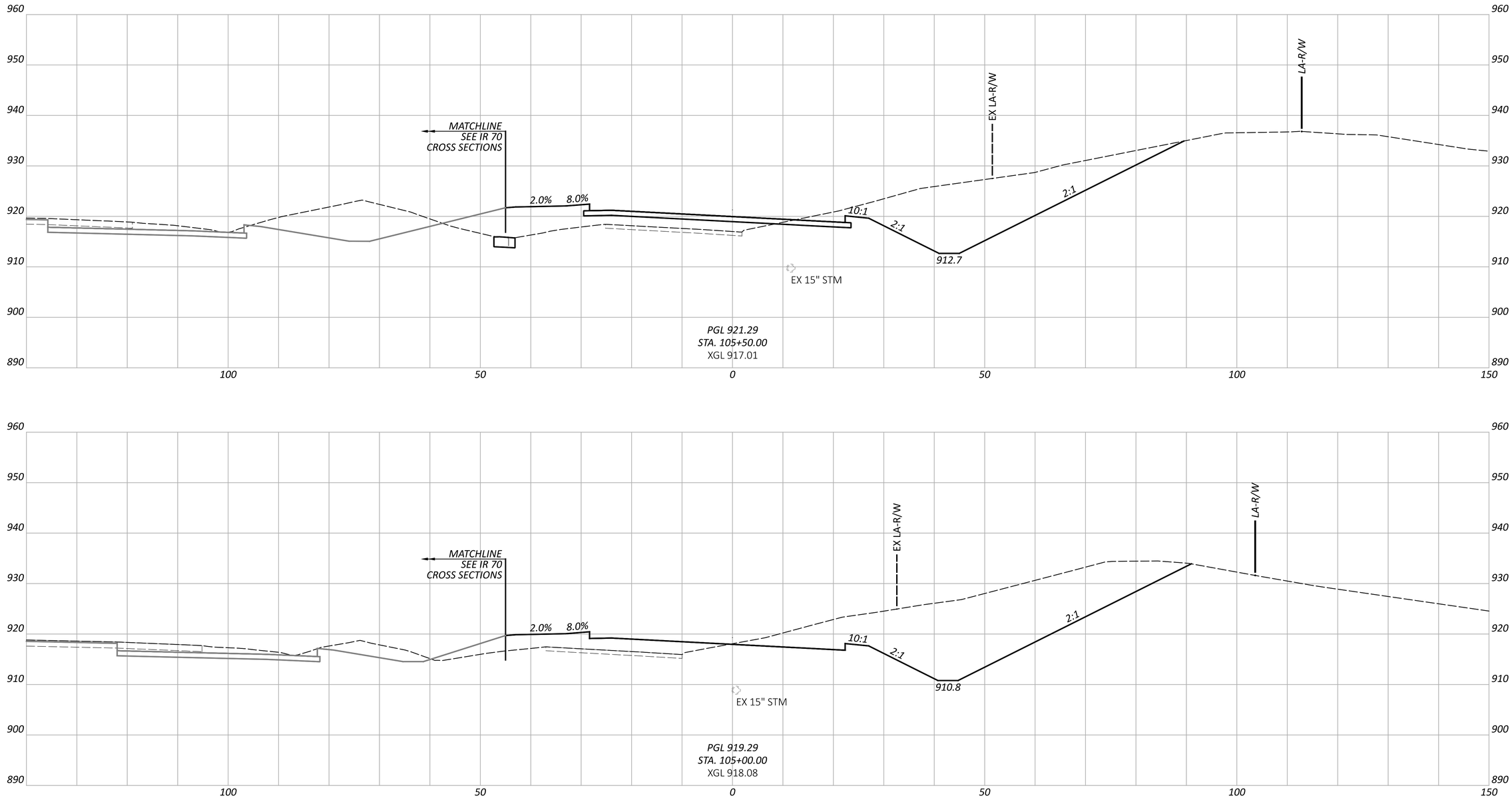
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0785 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP G
STA. 105+00.00 TO STA. 105+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0786
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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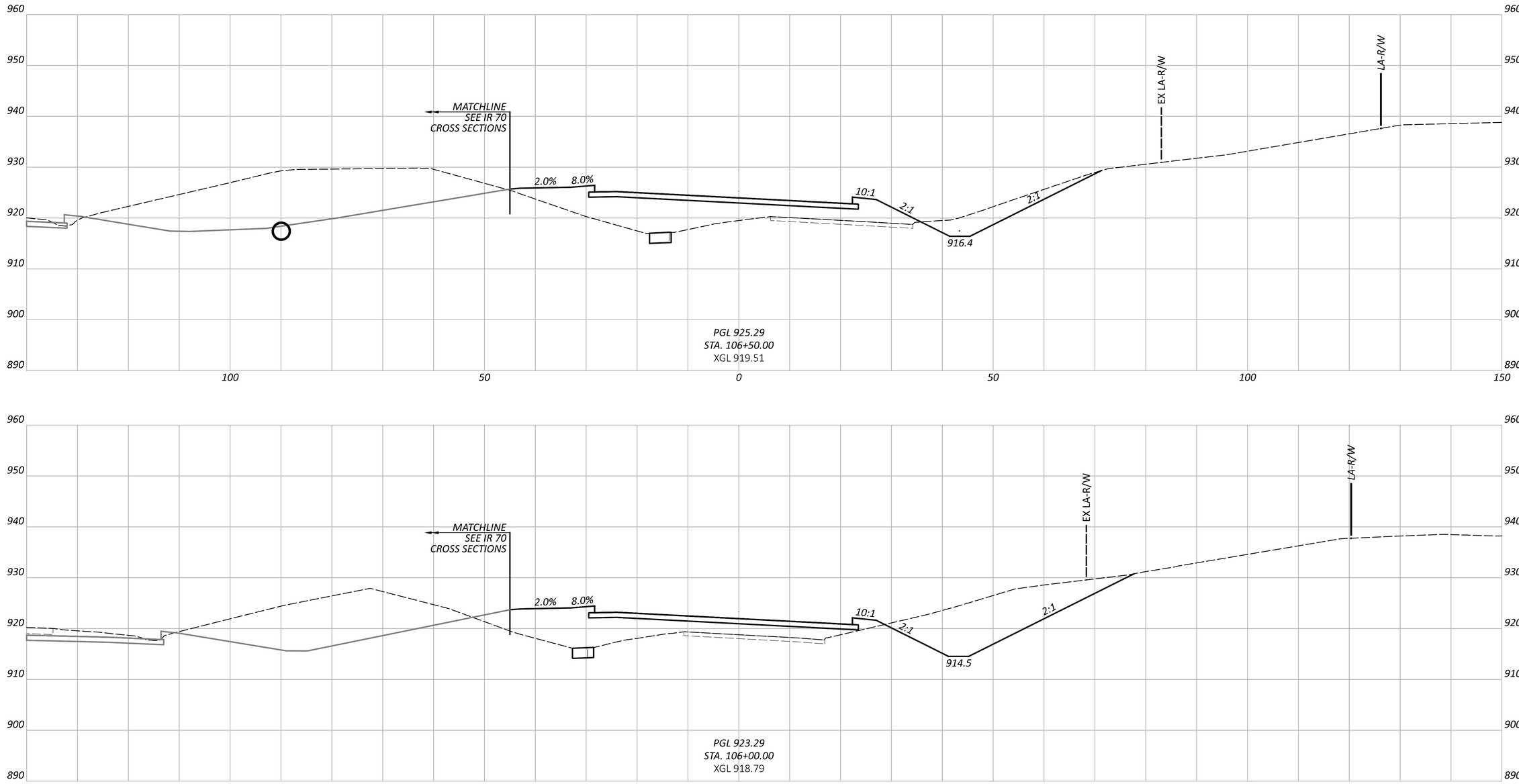
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP G
STA. 106+00.00 TO STA. 106+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

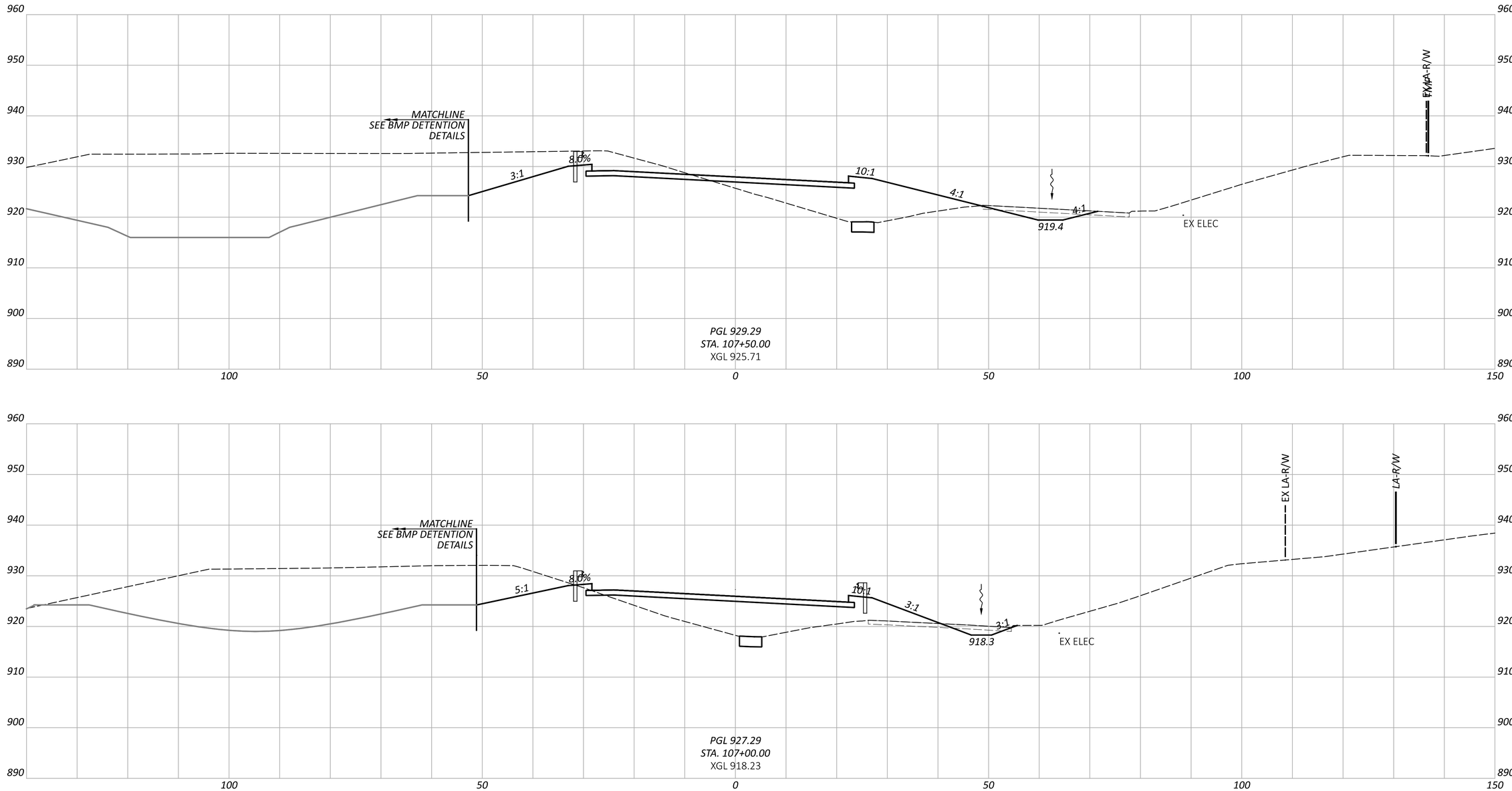
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0787 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP G
STA. 107+00.00 TO STA. 107+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0788 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OG - 107+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:37:44 AM USER: brieder
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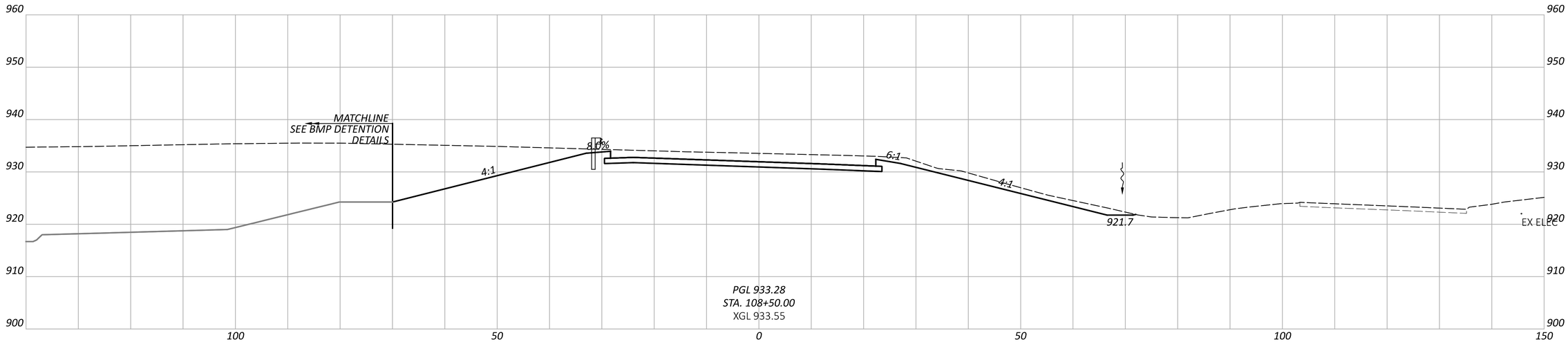
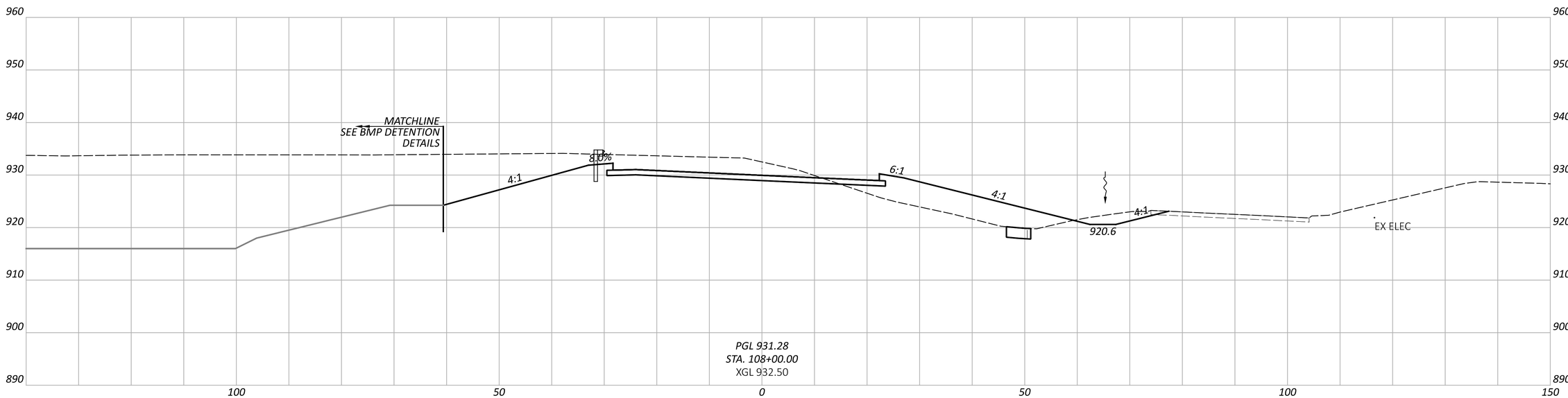
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP G
STA. 108+00.00 TO STA. 108+50.00

FAI/LIC-IR 70-0.00/0.00

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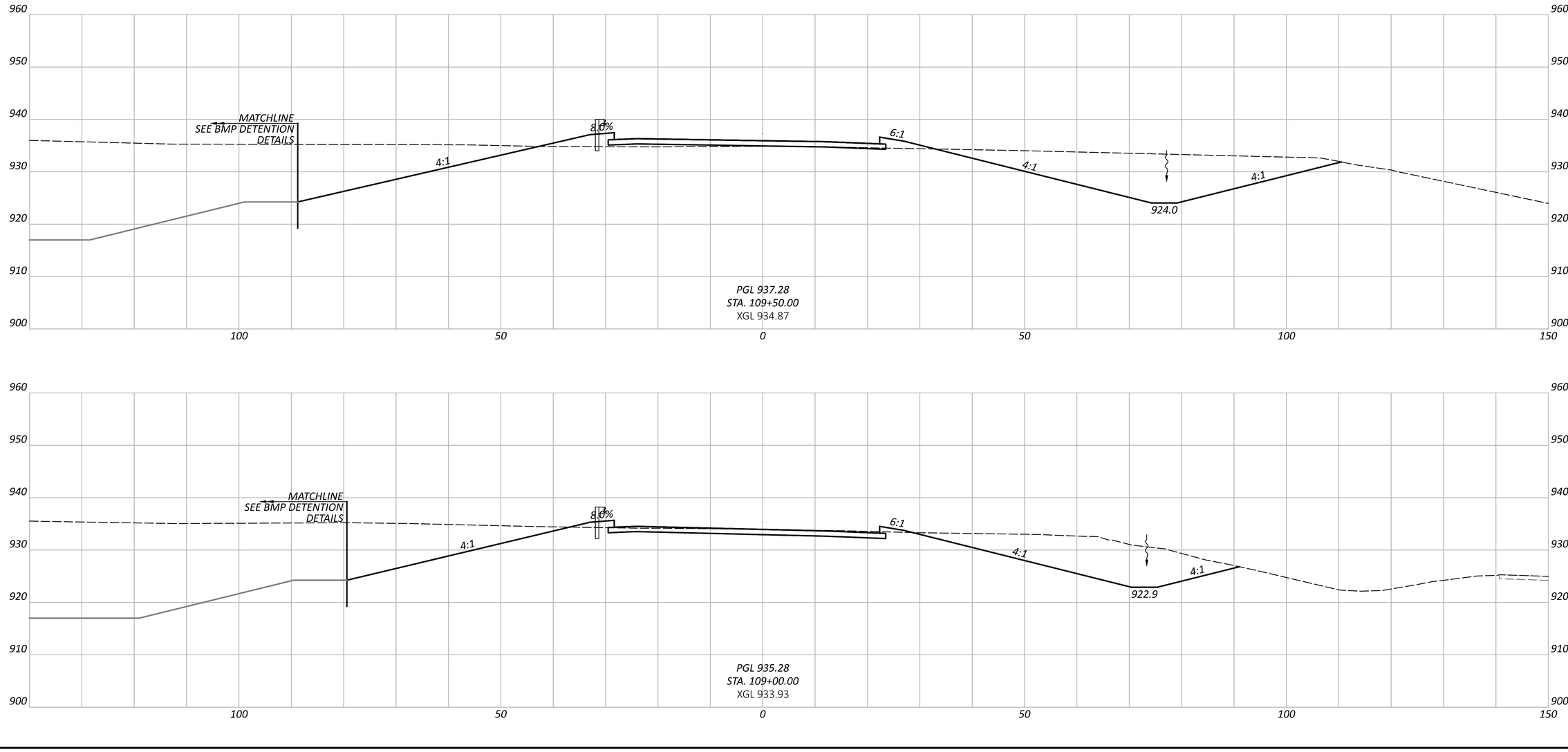
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0789
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP G
STA. 109+00.00 TO STA. 109+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0790 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DG - 109+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:37:52 AM USER: brieder
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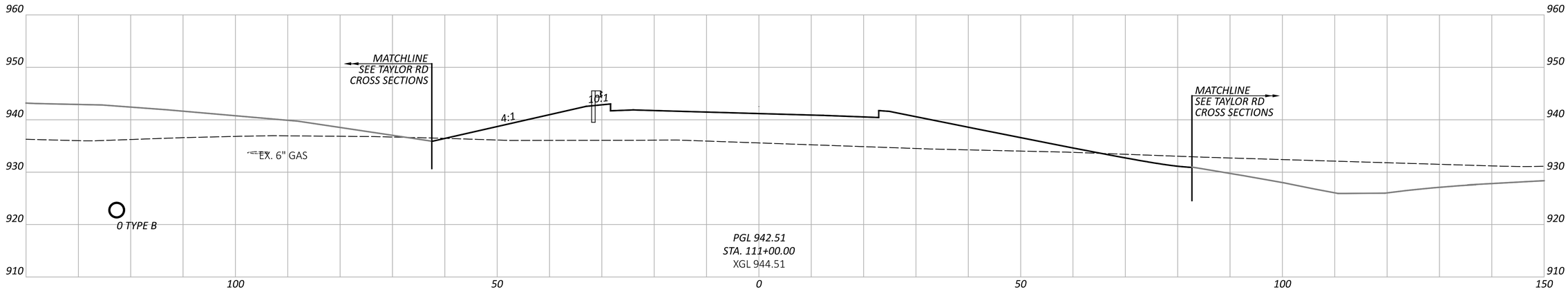
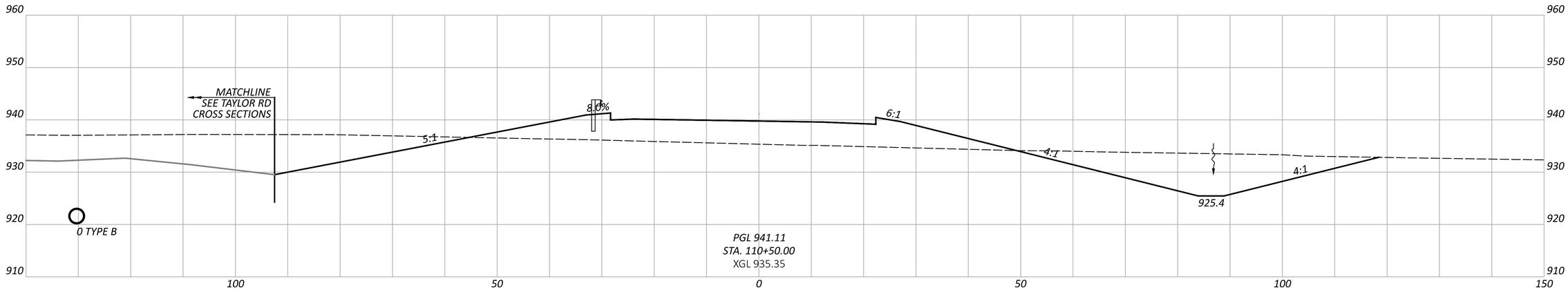
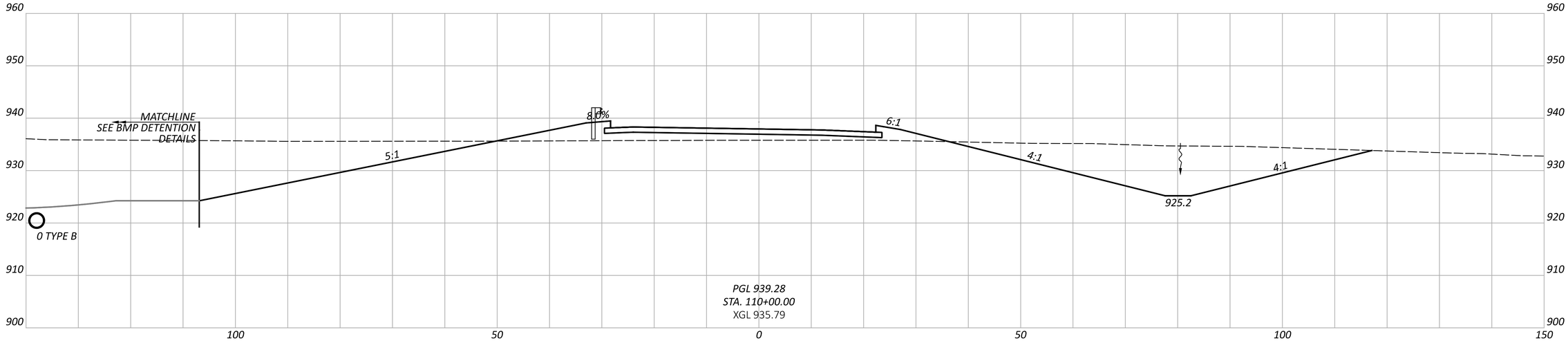
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - RAMP G
STA. 110+00.00 TO STA. 111+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0791 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070G - 110+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:37:55 AM USER: brieder
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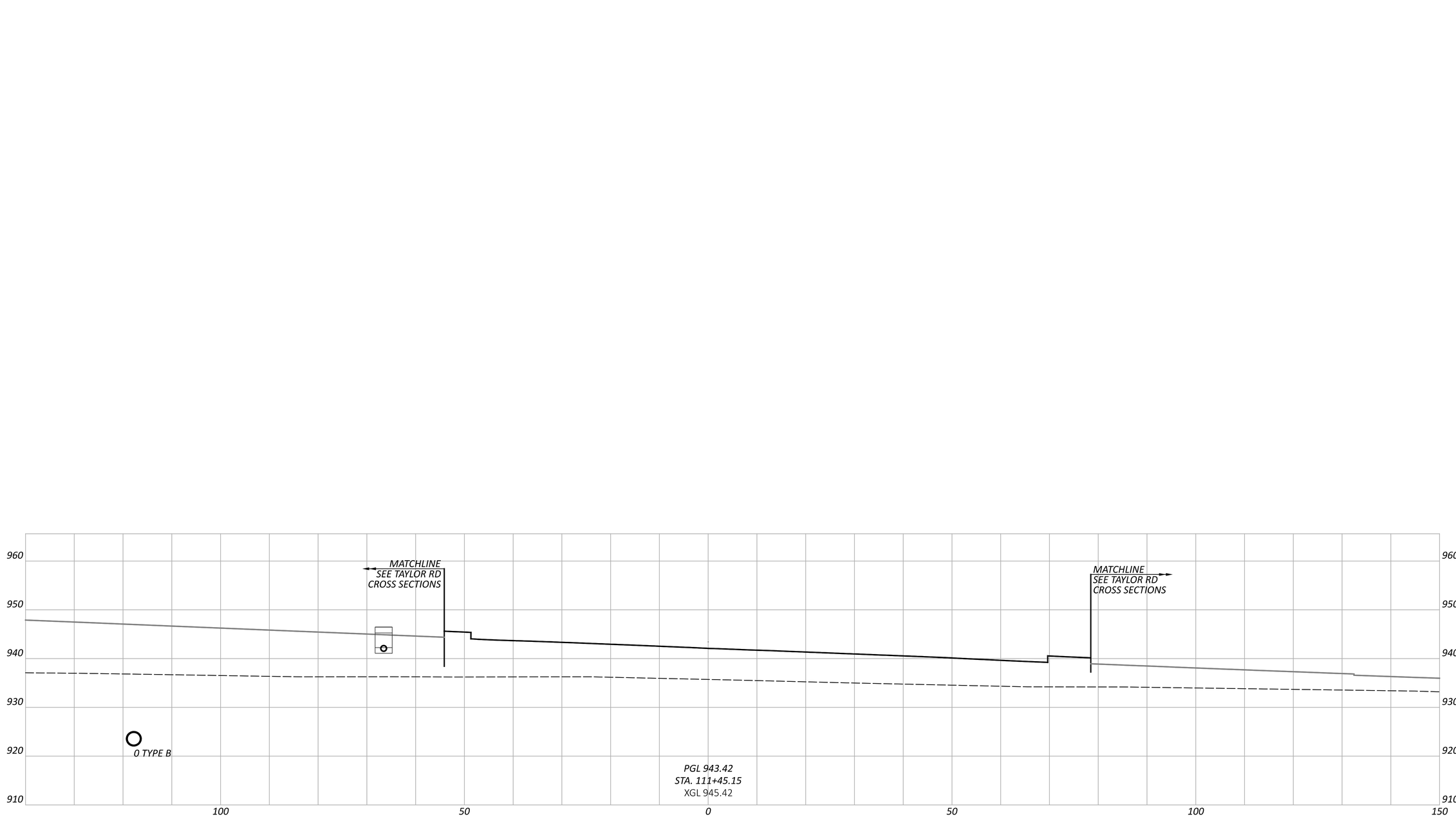
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 &DC209

CROSS SECTIONS - RAMP G
STA. 111+45.15

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070G - 111+45.15 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:00 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

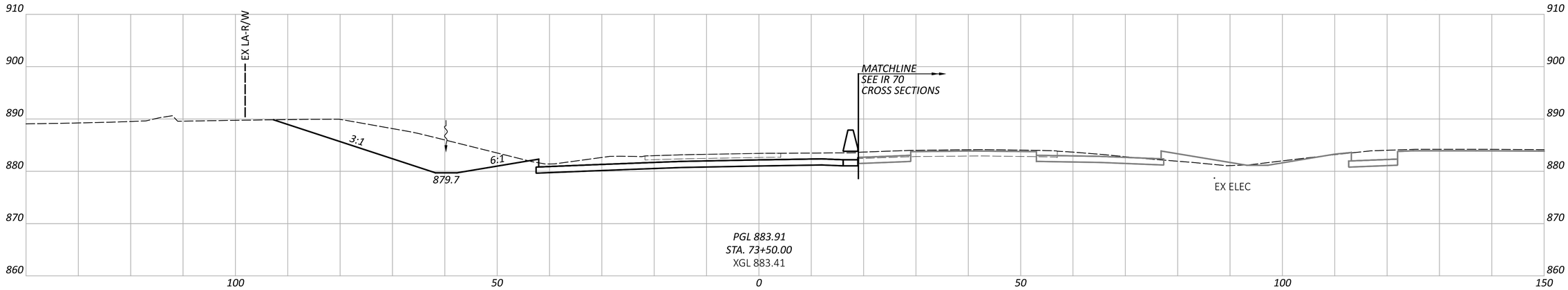
DESIGNER
BER

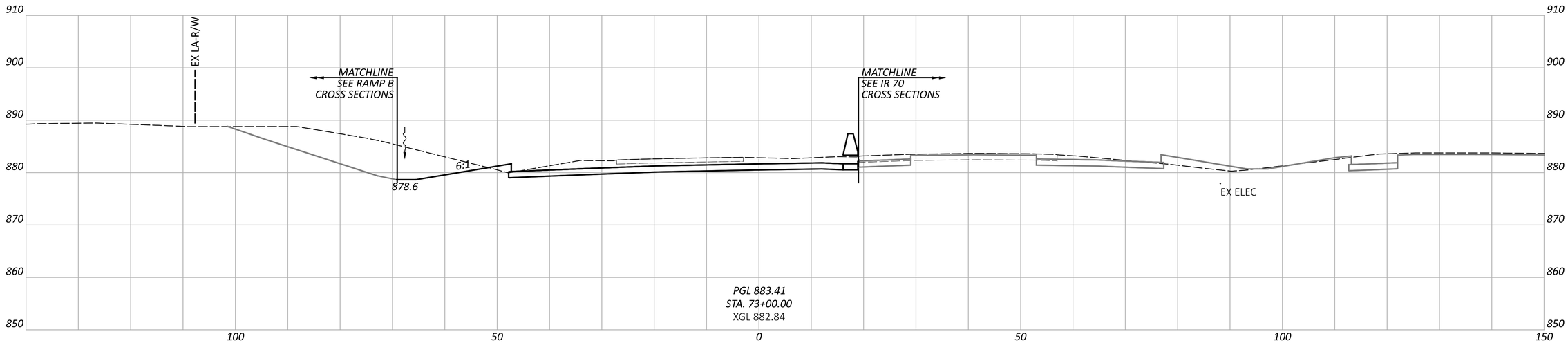
REVIEWER
KAM 08/07/26

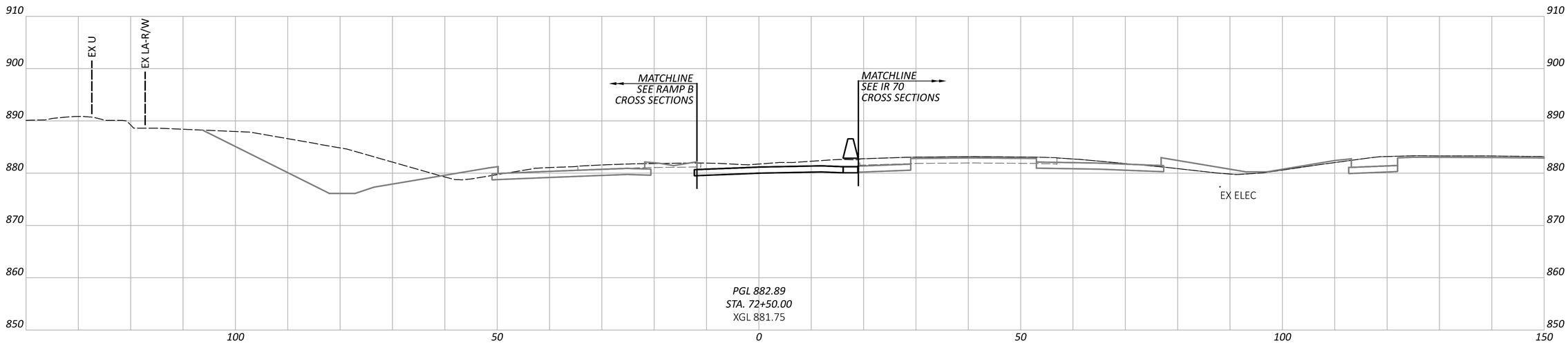
PROJECT ID
96808

SHEET P.0792 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP H
STA. 72+50.00 TO STA. 73+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

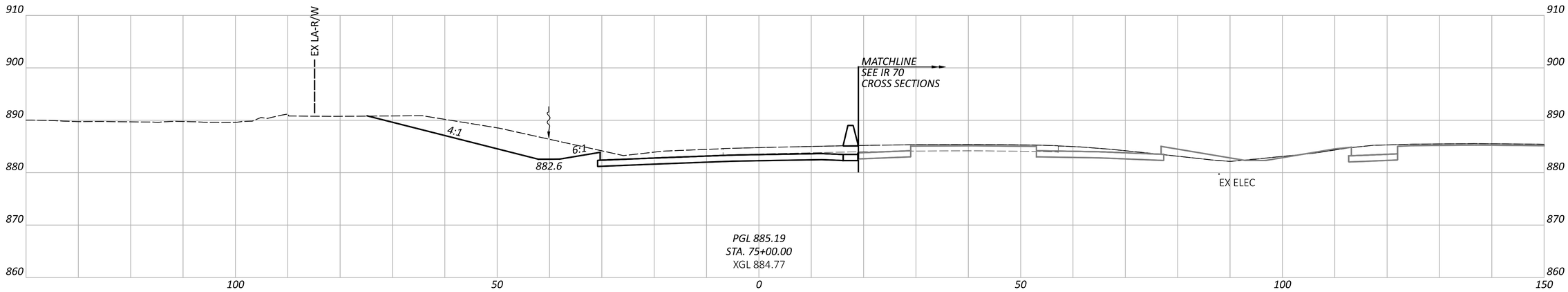
DESIGNER
BER

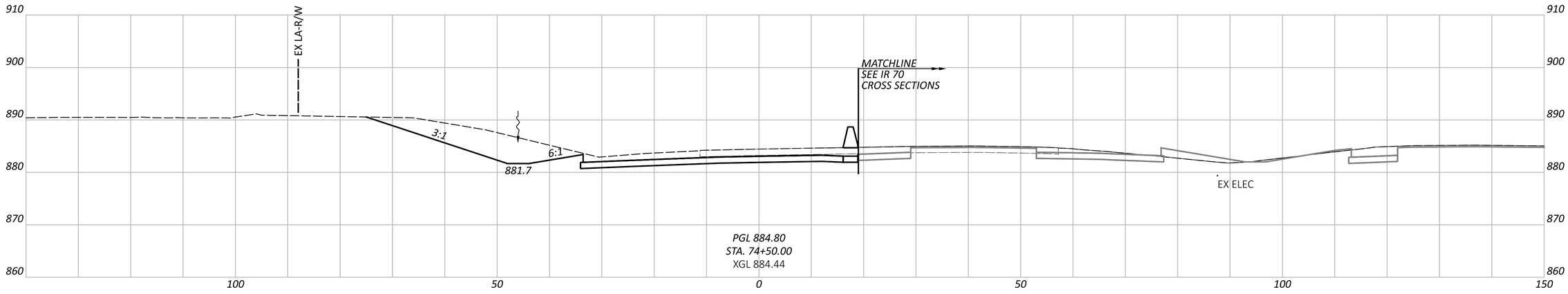
REVIEWER
KAM 08/07/26

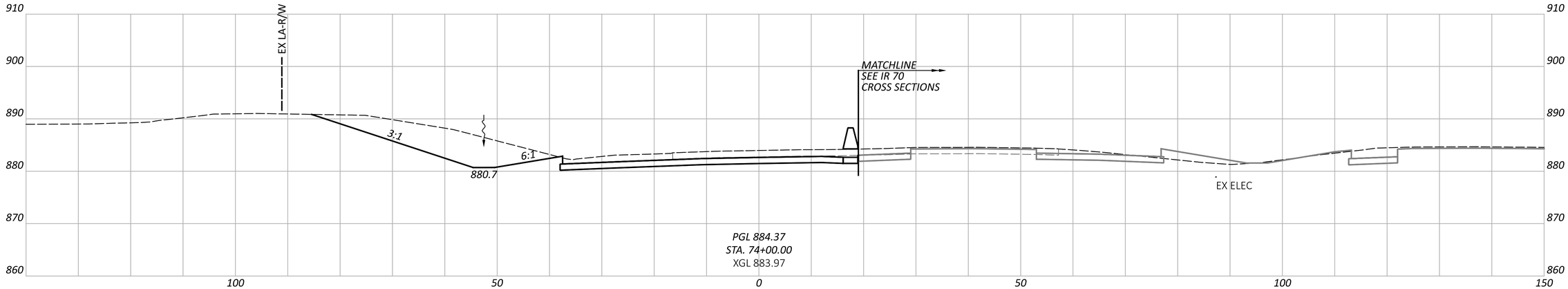
PROJECT ID
96808

SHEET P.0793 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP H
STA. 74+00.00 TO STA. 75+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0794 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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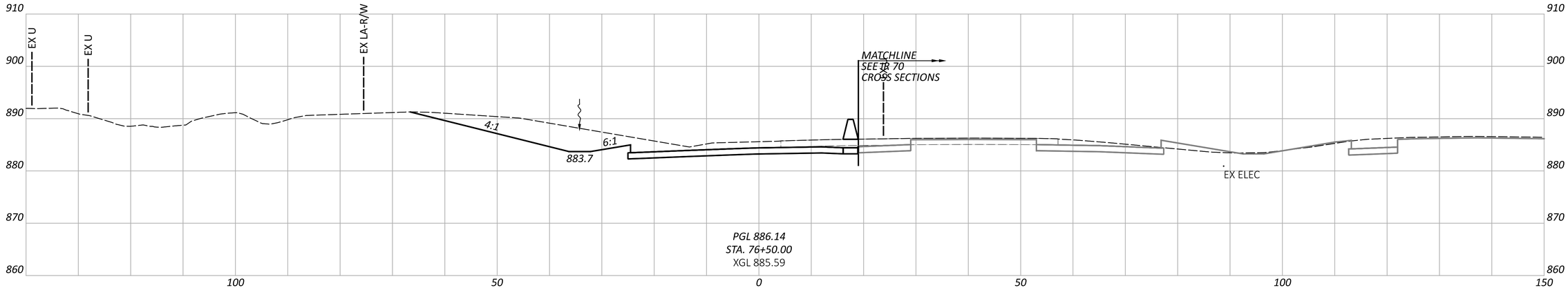
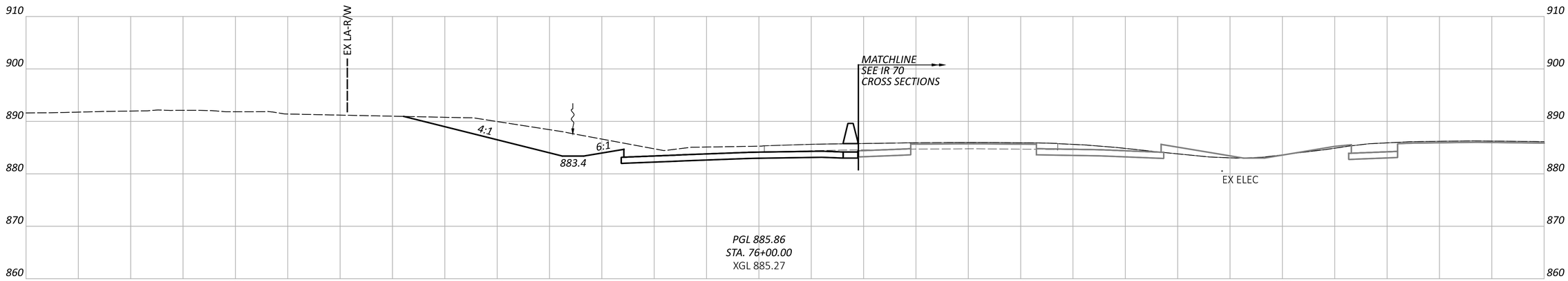
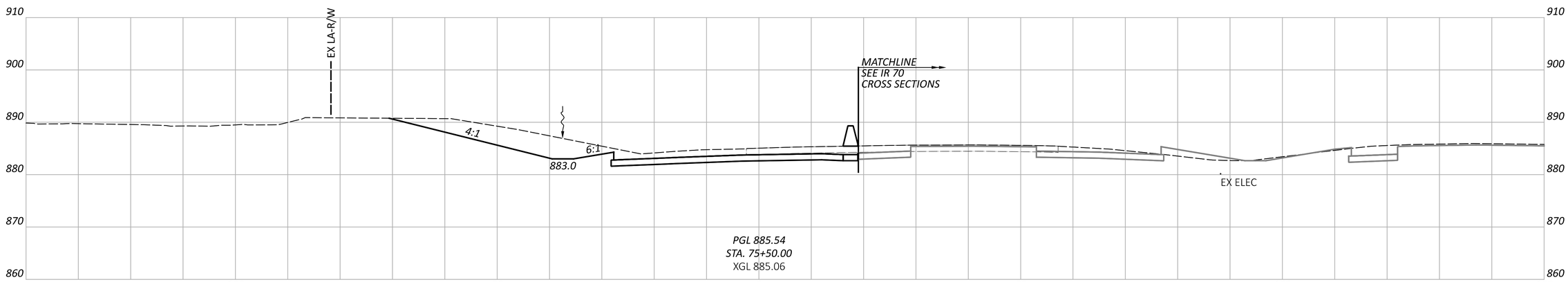
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 886.14
STA. 76+50.00
XGL 885.59



PGL 885.86
STA. 76+00.00
XGL 885.27



PGL 885.54
STA. 75+50.00
XGL 885.06

CROSS SECTIONS - RAMP H
STA. 75+50.00 TO STA. 76+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0795
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OH - 75+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:21 AM USER: brieder
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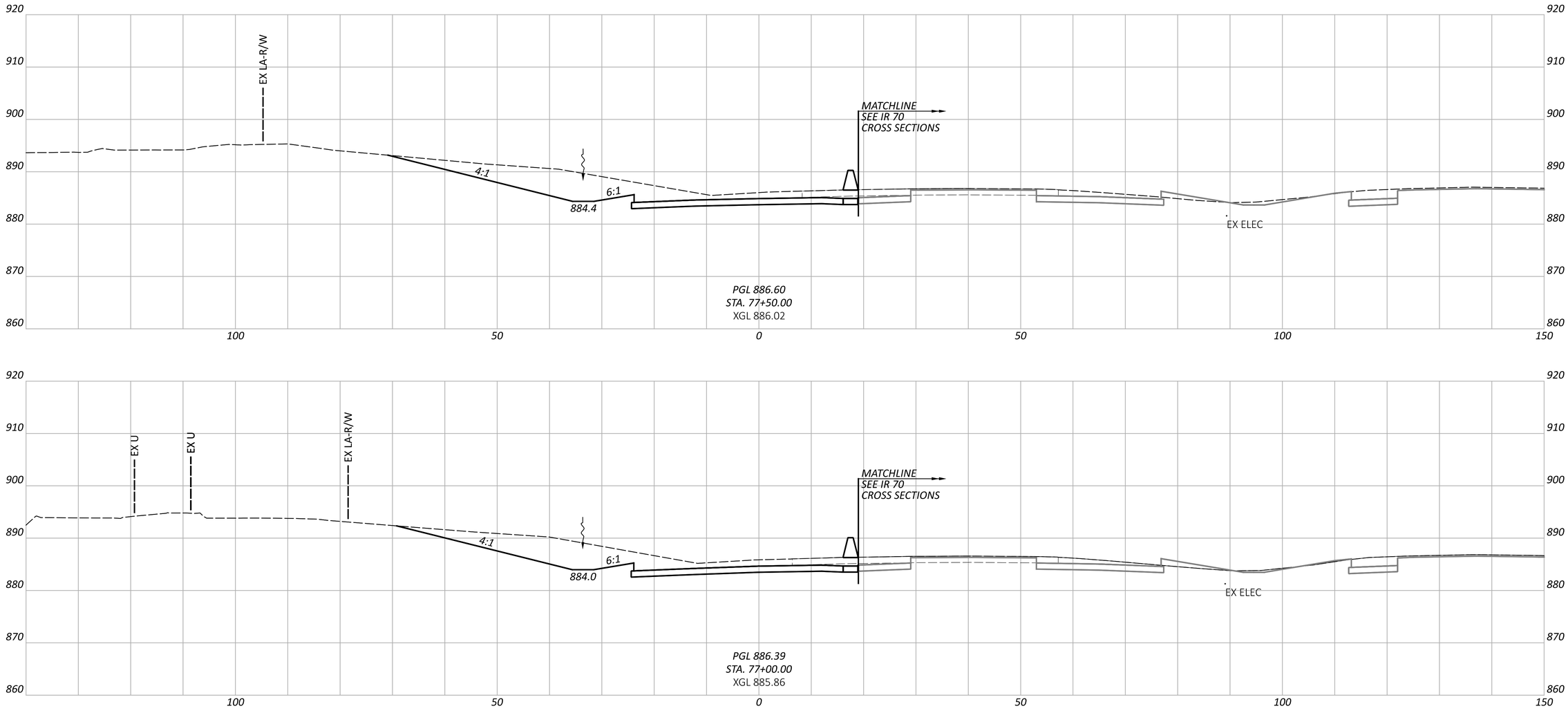
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 77+00.00 TO STA. 77+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 77+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:25 AM USER: brieder
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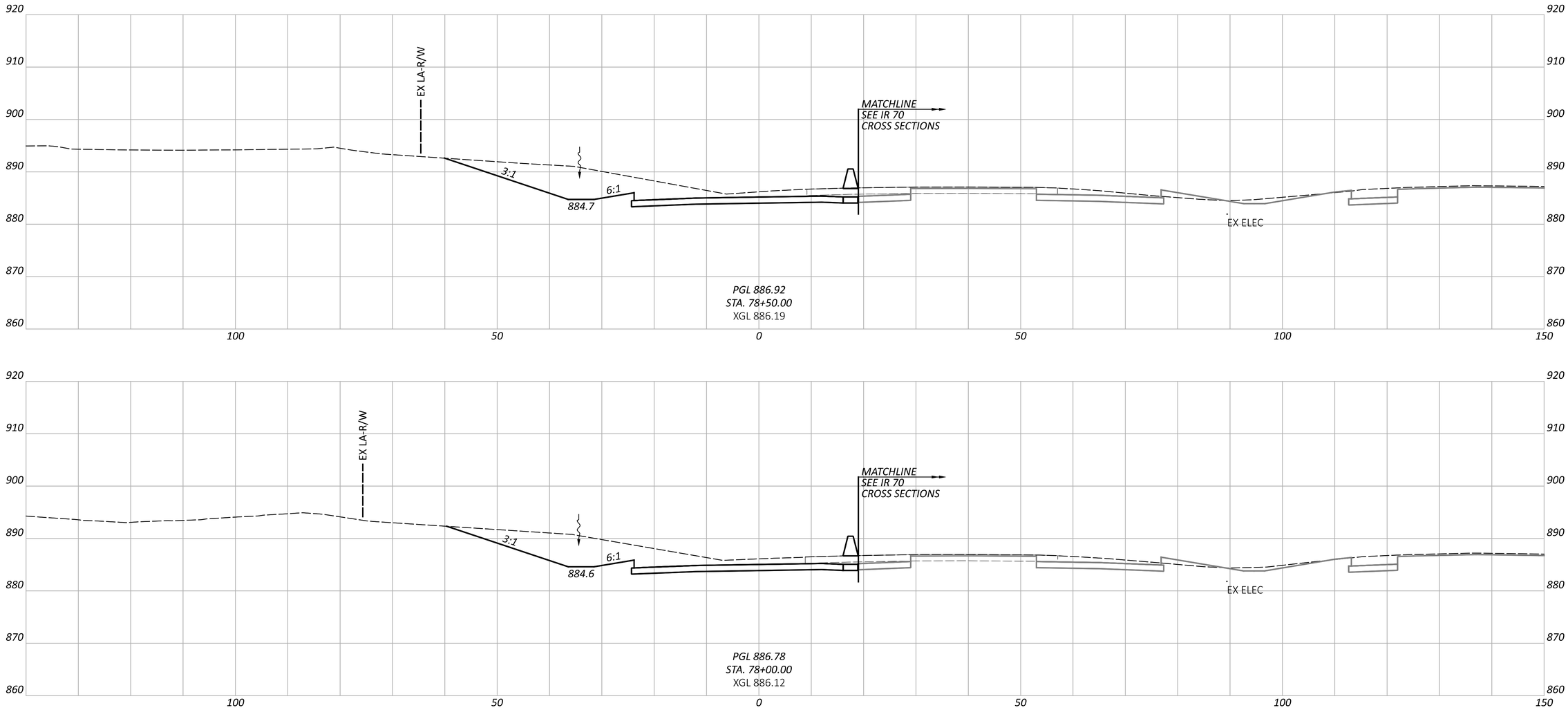
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0796
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 78+00.00 TO STA. 78+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0797 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 78+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:27 AM USER: brieder
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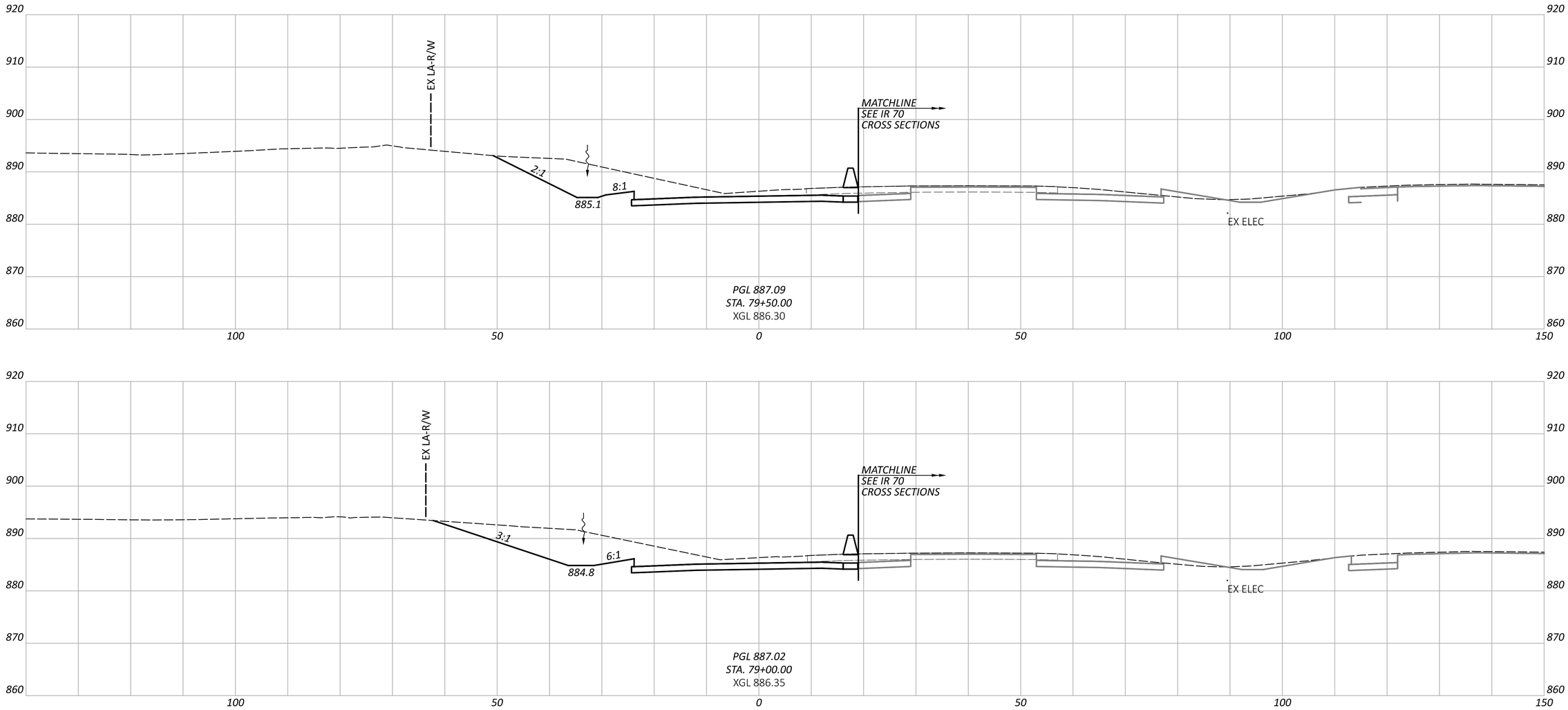
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 79+00.00 TO STA. 79+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0798
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 79+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:30 AM USER: brieder
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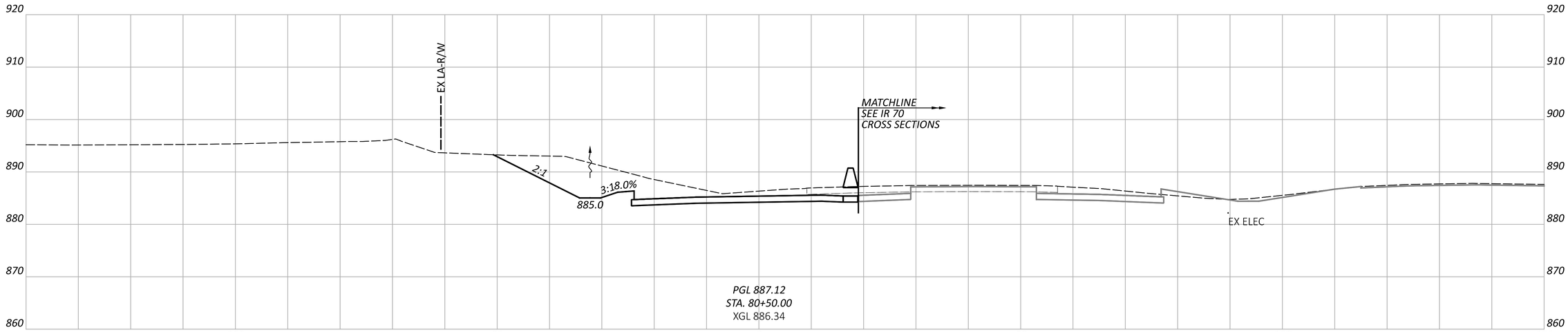
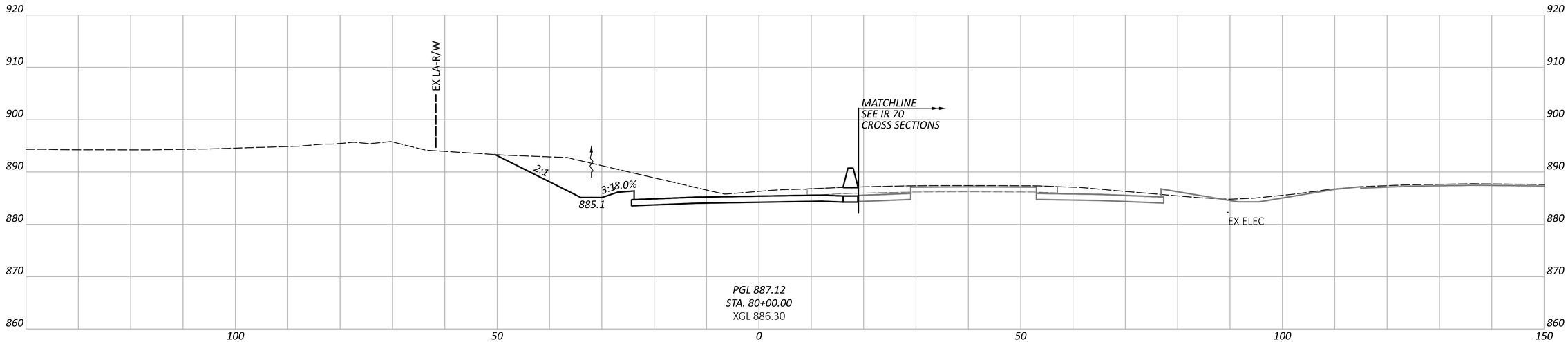
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP H
STA. 80+00.00 TO STA. 80+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0799
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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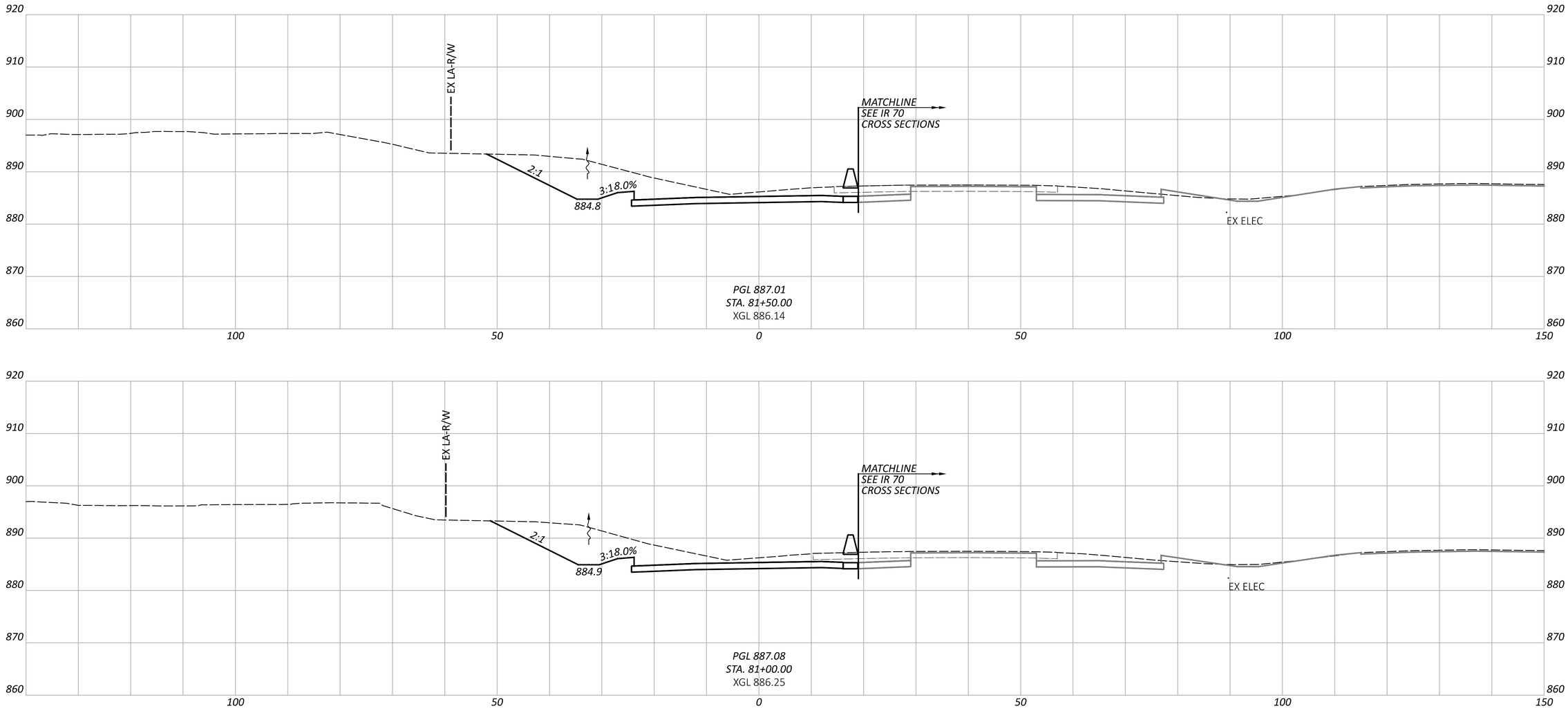
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 81+00.00 TO STA. 81+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 81+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:36 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

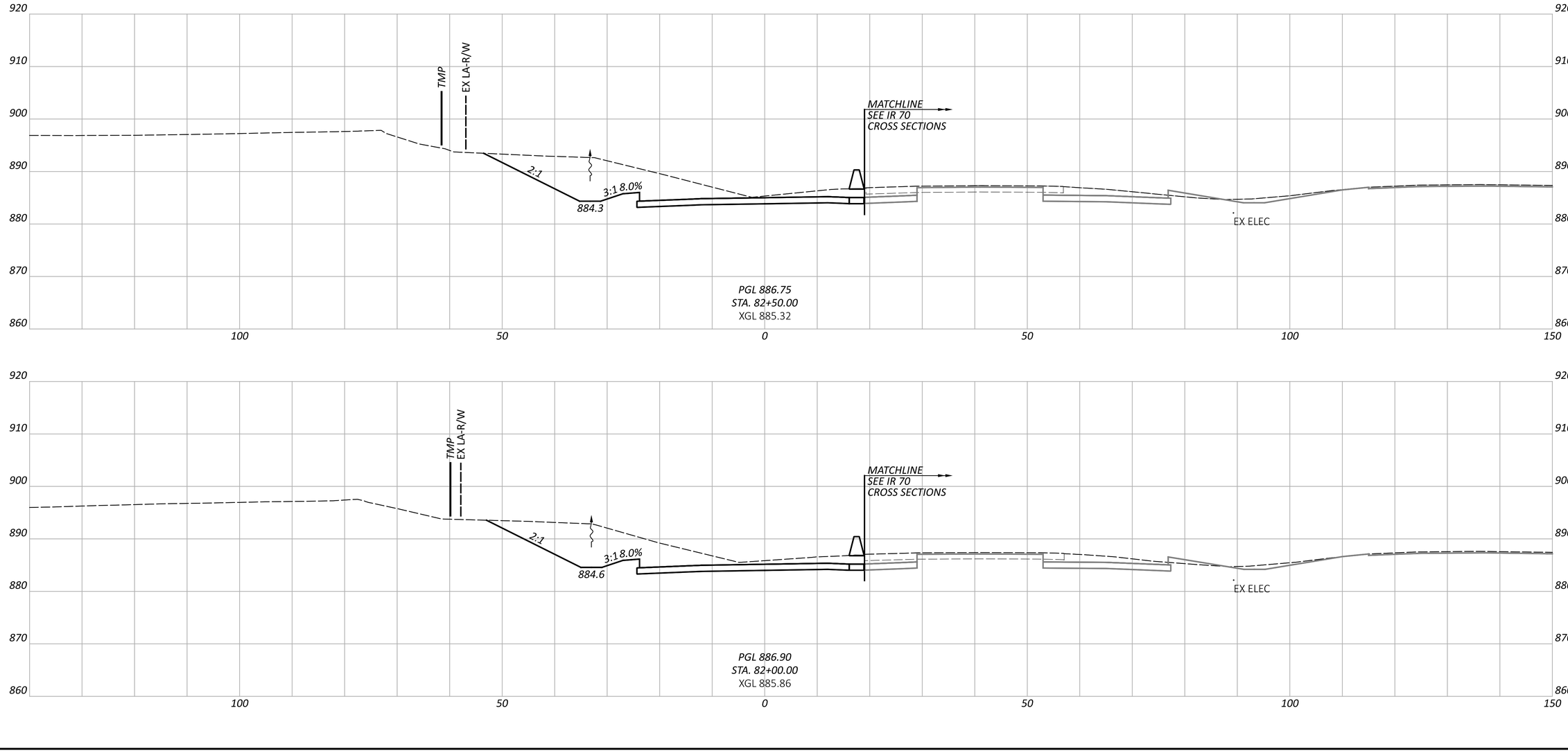
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0800 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 886.75
STA. 82+50.00
XGL 885.32

PGL 886.90
STA. 82+00.00
XGL 885.86

CROSS SECTIONS - RAMP H
STA. 82+00.00 TO STA. 82+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0801
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 82+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:39 AM USER: brieder
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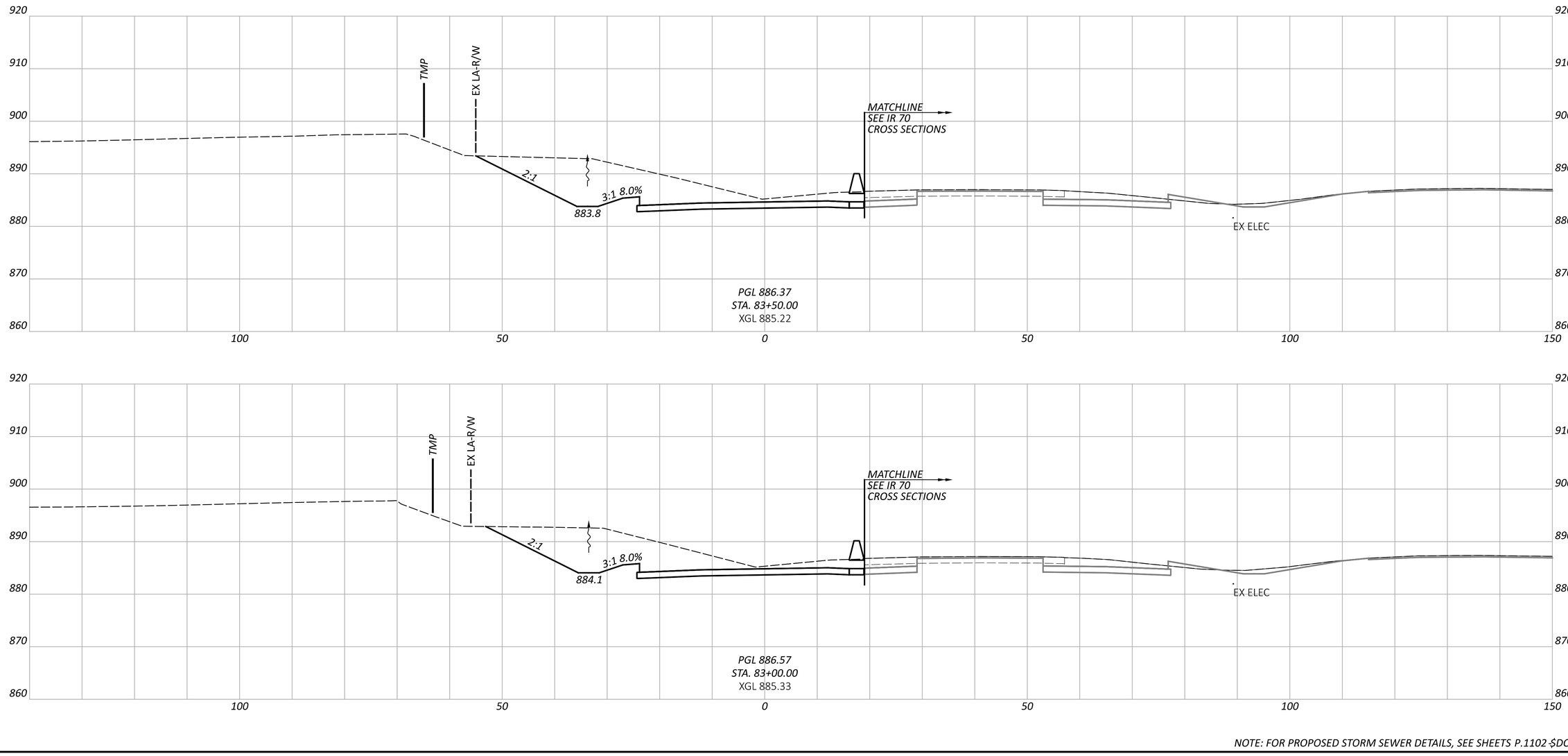
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP H
STA. 83+00.00 TO STA. 83+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0802 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 83+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:42 AM USER: brieder
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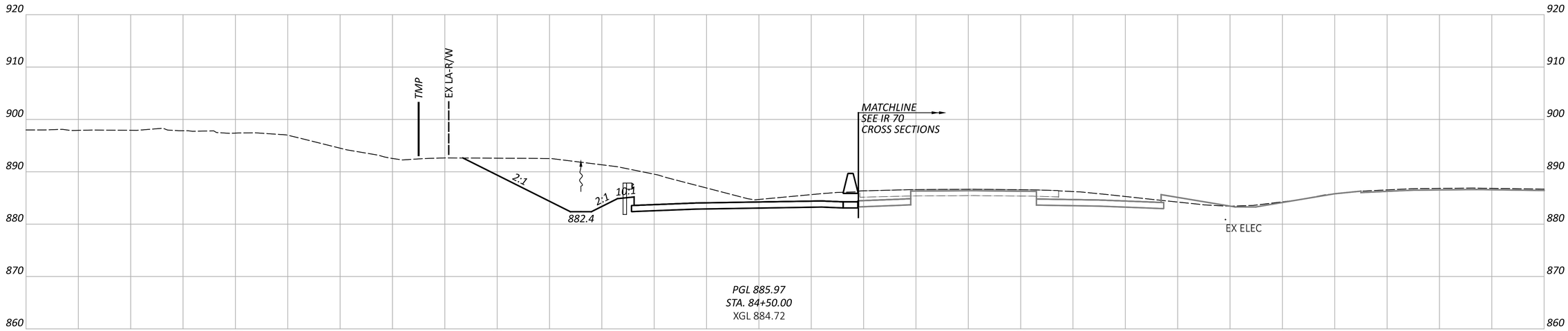
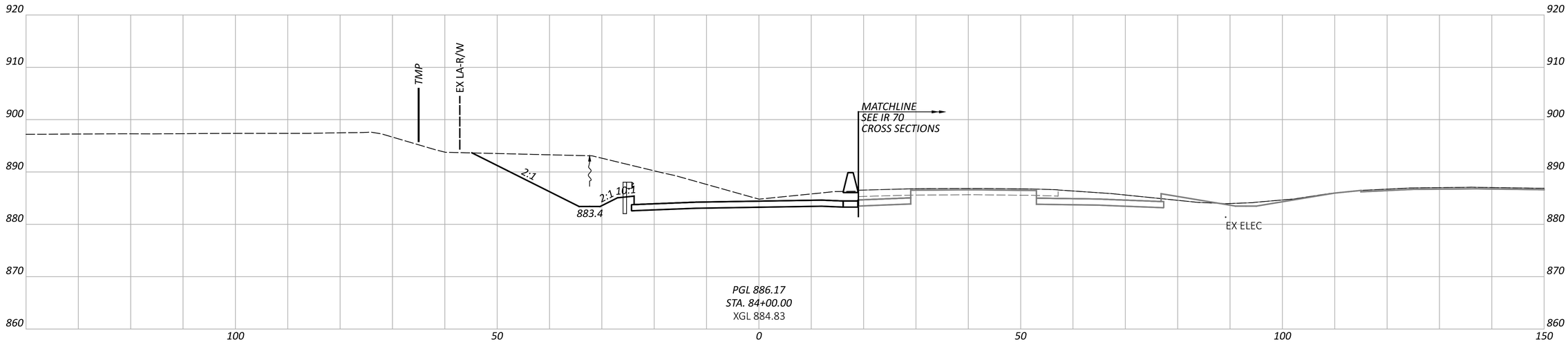
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 885.97
STA. 84+50.00
XGL 884.72



PGL 886.17
STA. 84+00.00
XGL 884.83

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP H
STA. 84+00.00 TO STA. 84+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0803 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 84+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:45 AM USER: brieder
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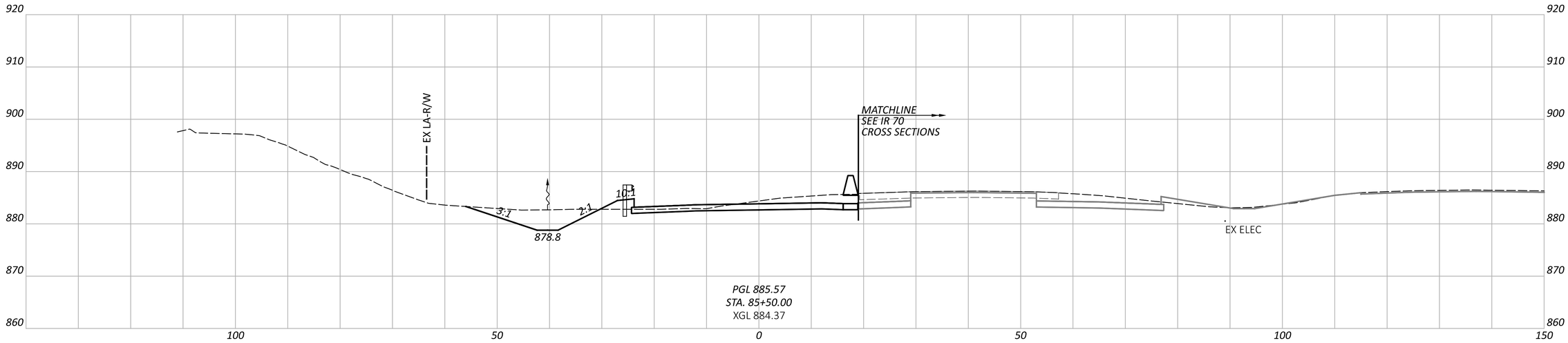
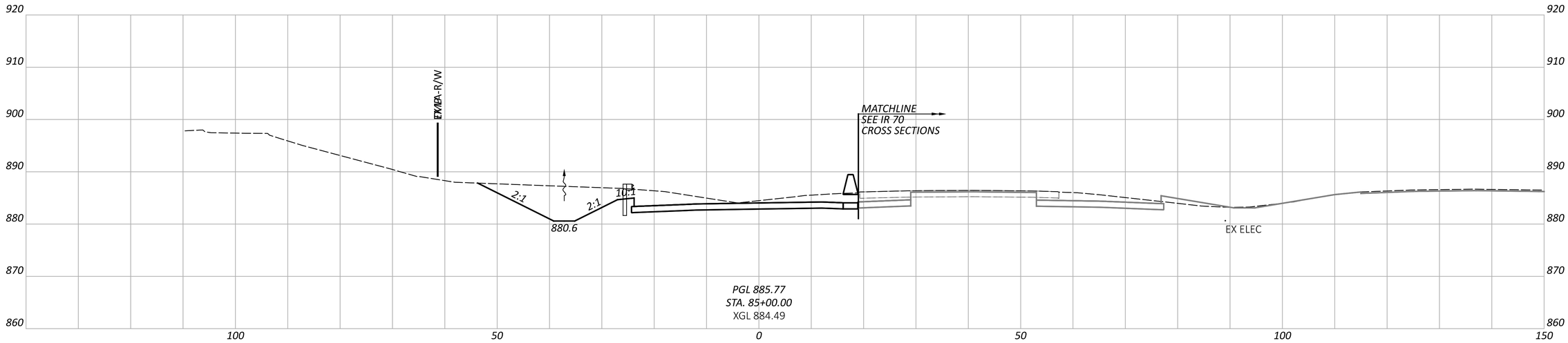
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 885.57
STA. 85+50.00
XGL 884.37



PGL 885.77
STA. 85+00.00
XGL 884.49

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP H
STA. 85+00.00 TO STA. 85+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0804 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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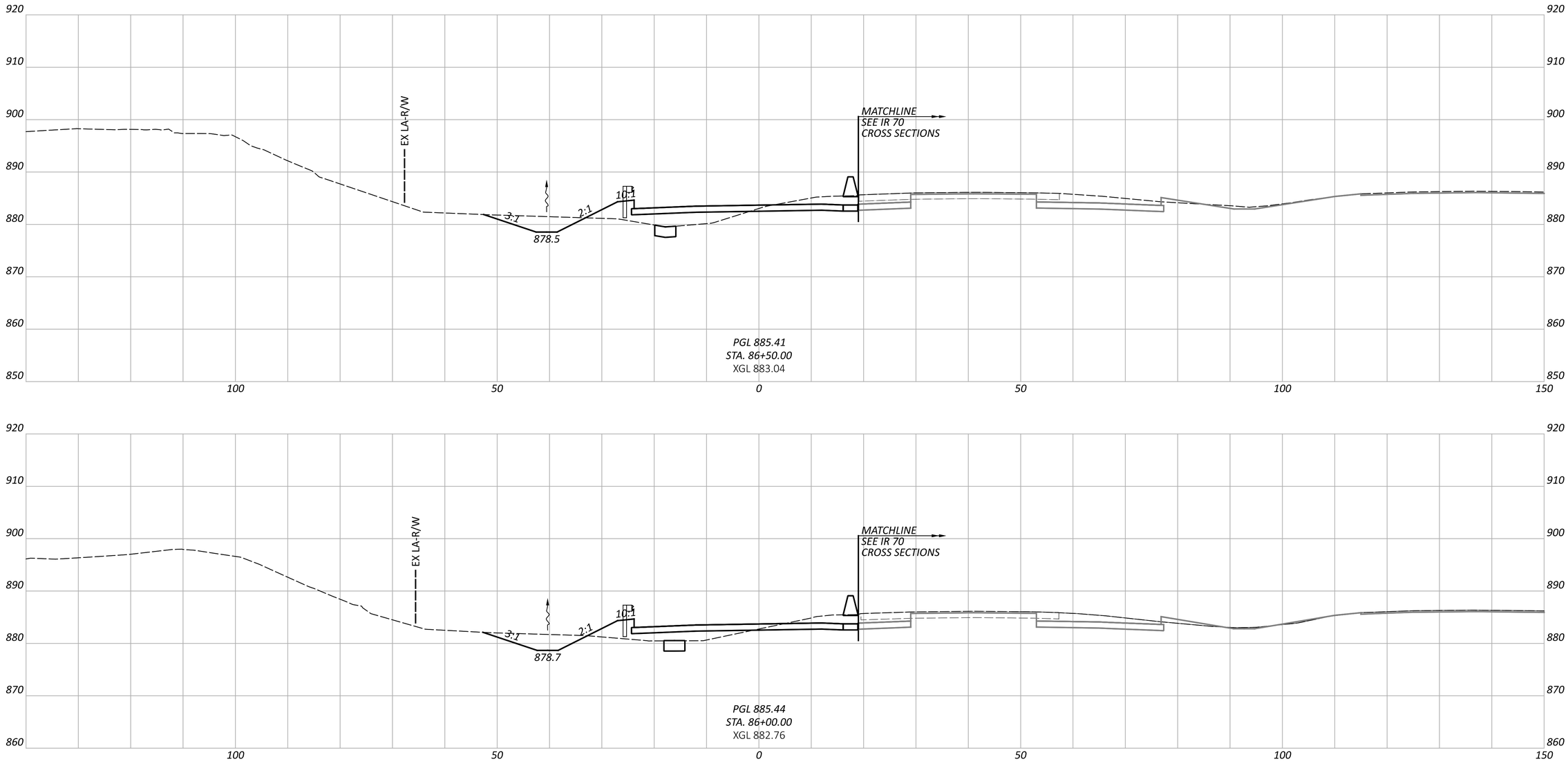
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP H
STA. 86+00.00 TO STA. 86+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 86+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:51 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

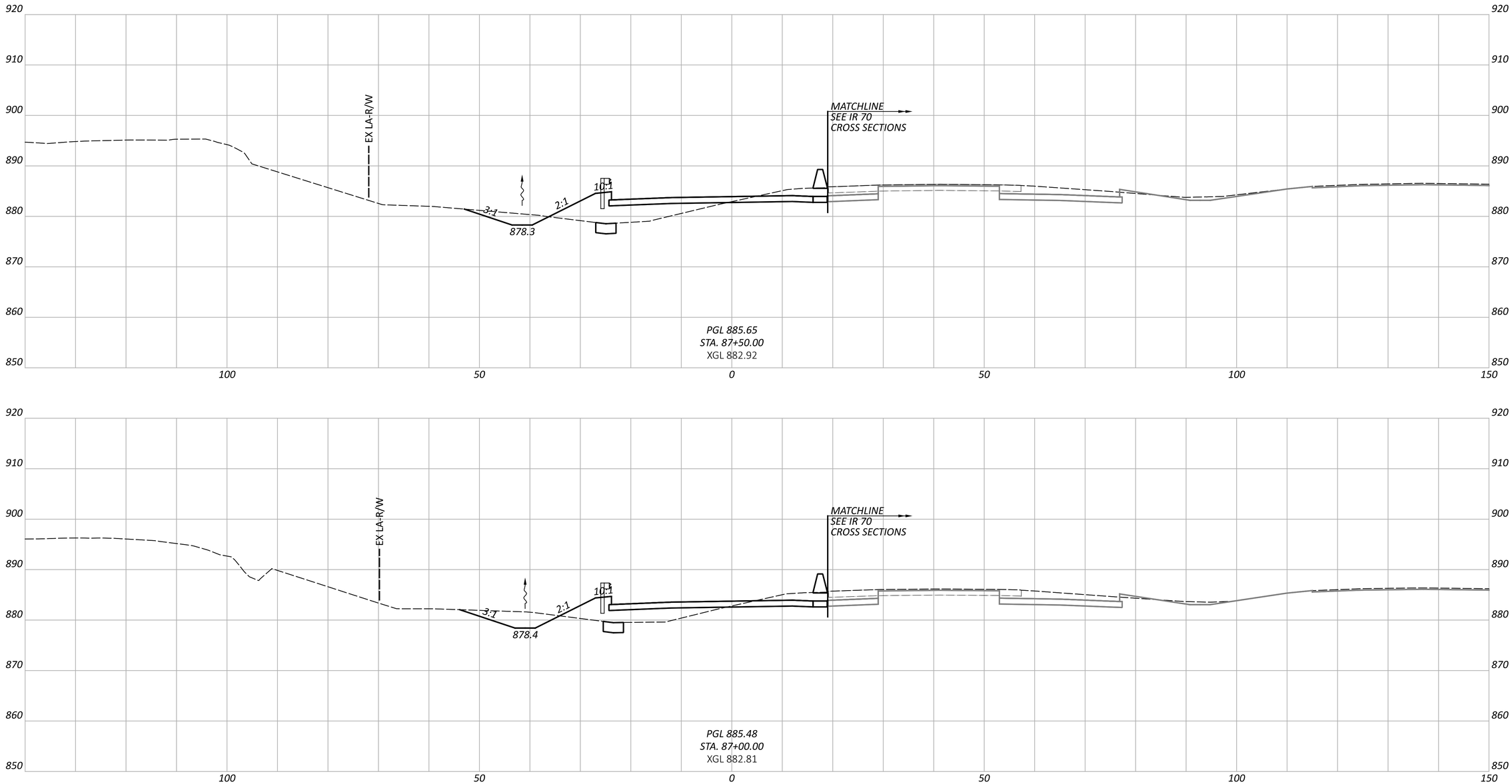
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0805 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 87+00.00 TO STA. 87+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 87+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:54 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

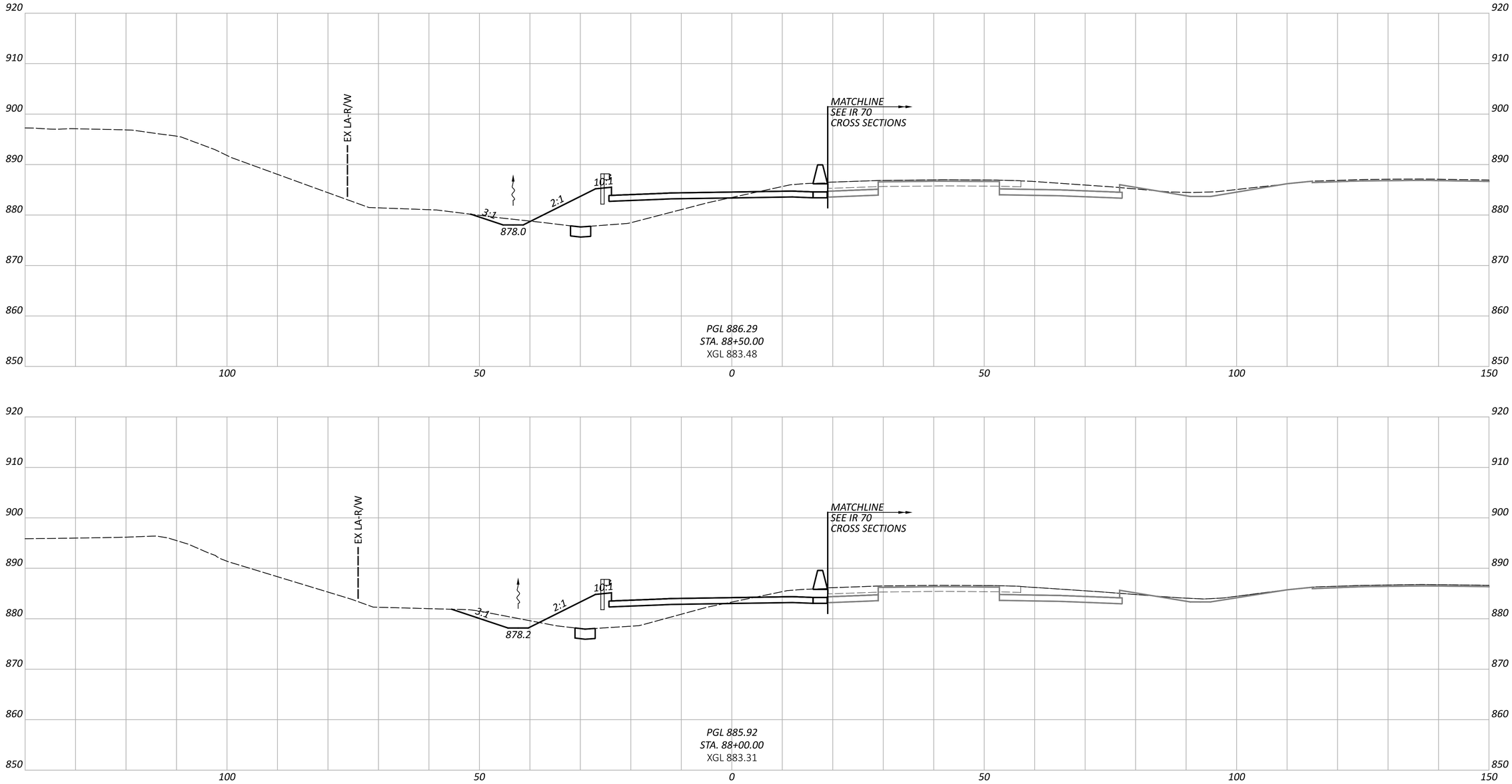
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0806 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 88+00.00 TO STA. 88+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

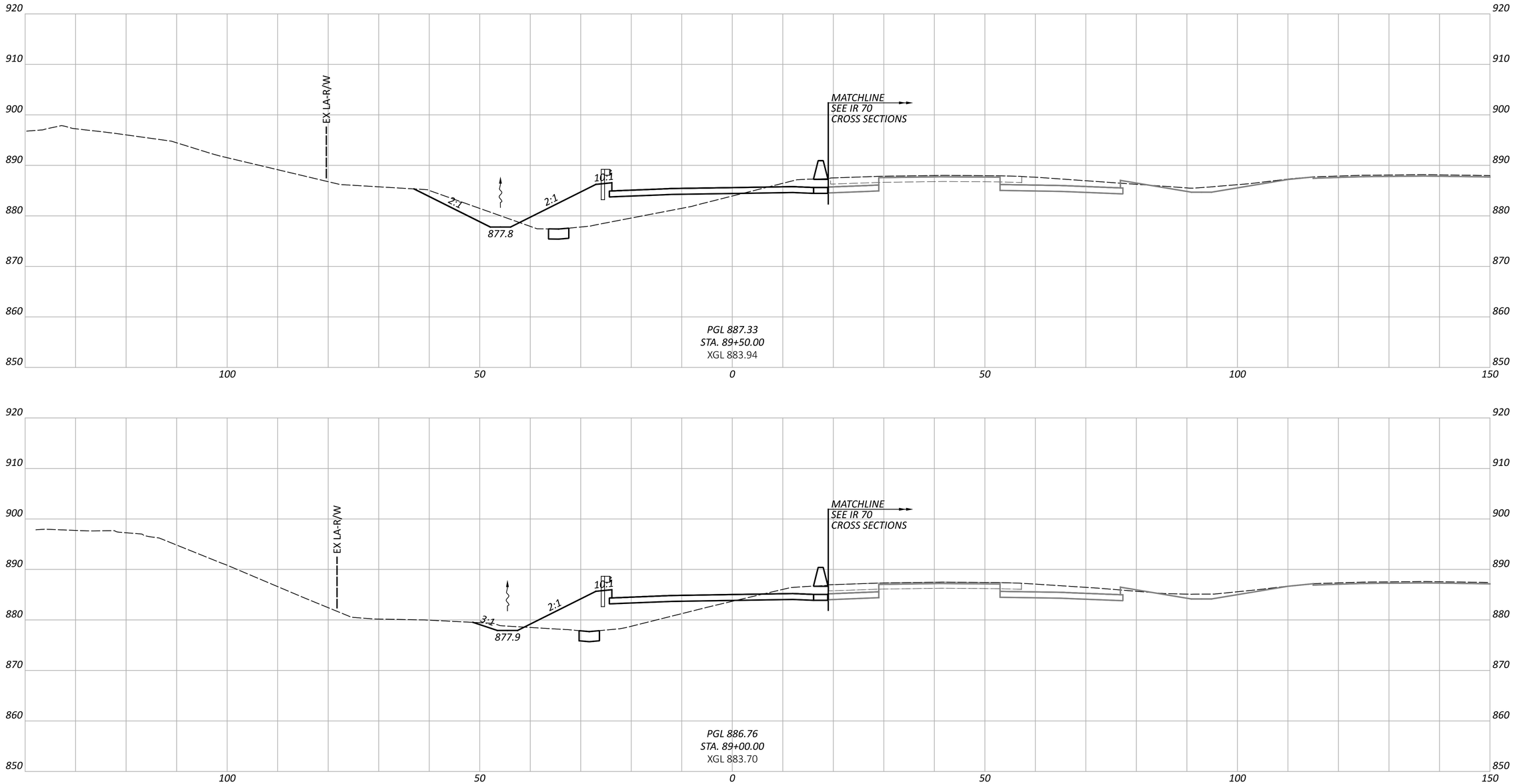
SHEET P.0807 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 88+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:38:57 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS270.dgn

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 89+00.00 TO STA. 89+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

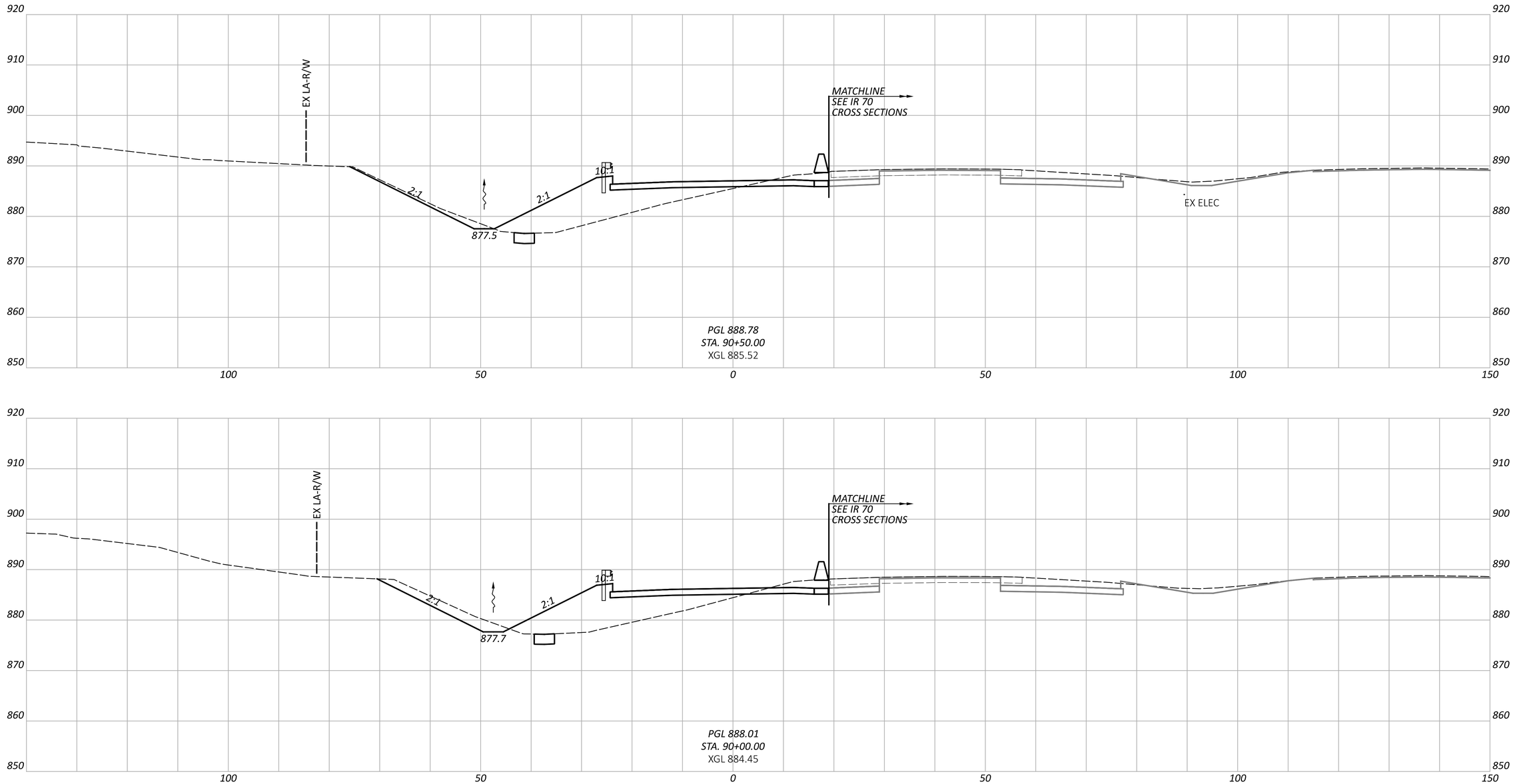
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0808
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 89+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:39:00 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS270.dgn

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 90+00.00 TO STA. 90+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0809 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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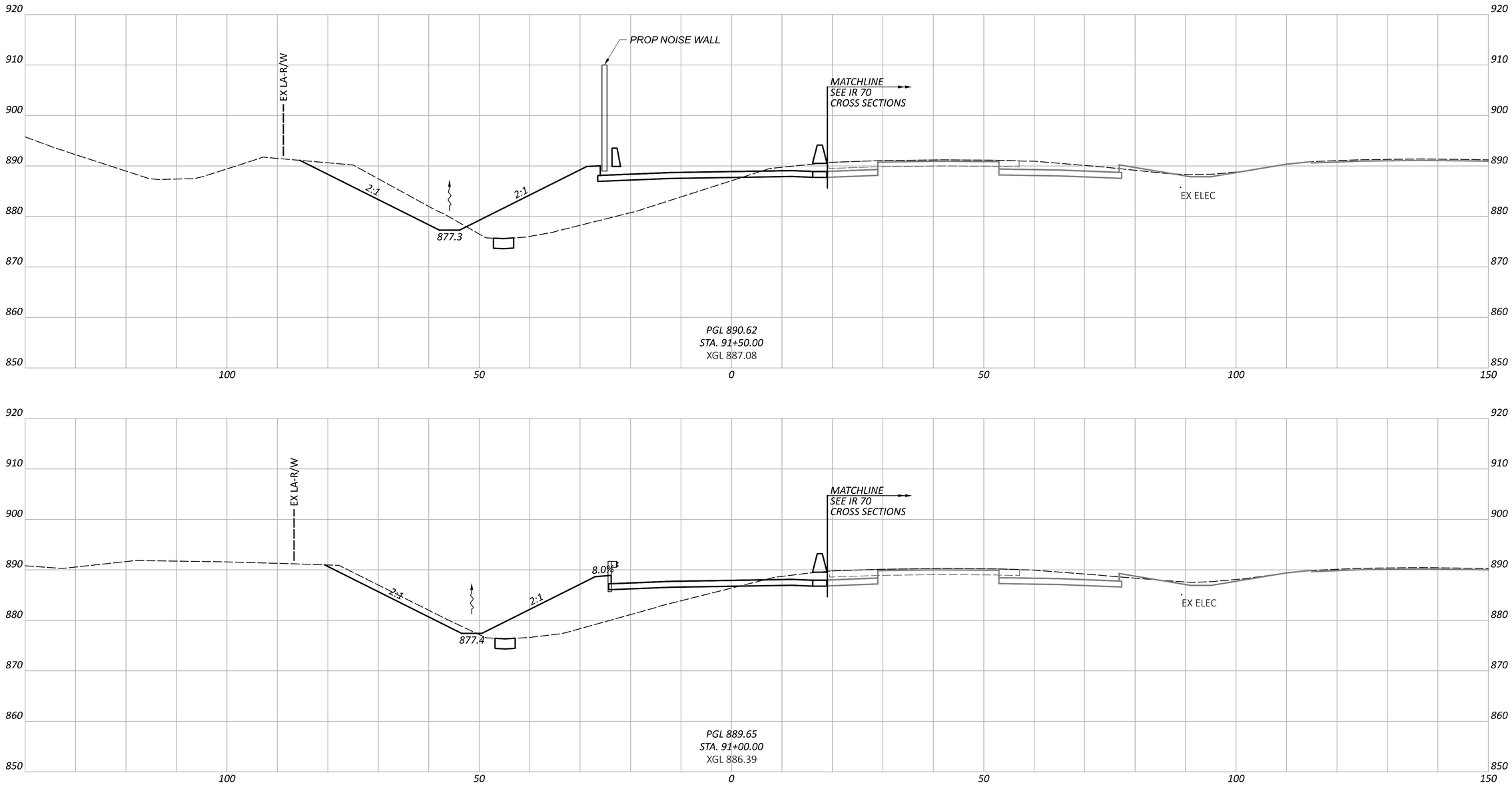
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP H
STA. 91+00.00 TO STA. 91+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0810
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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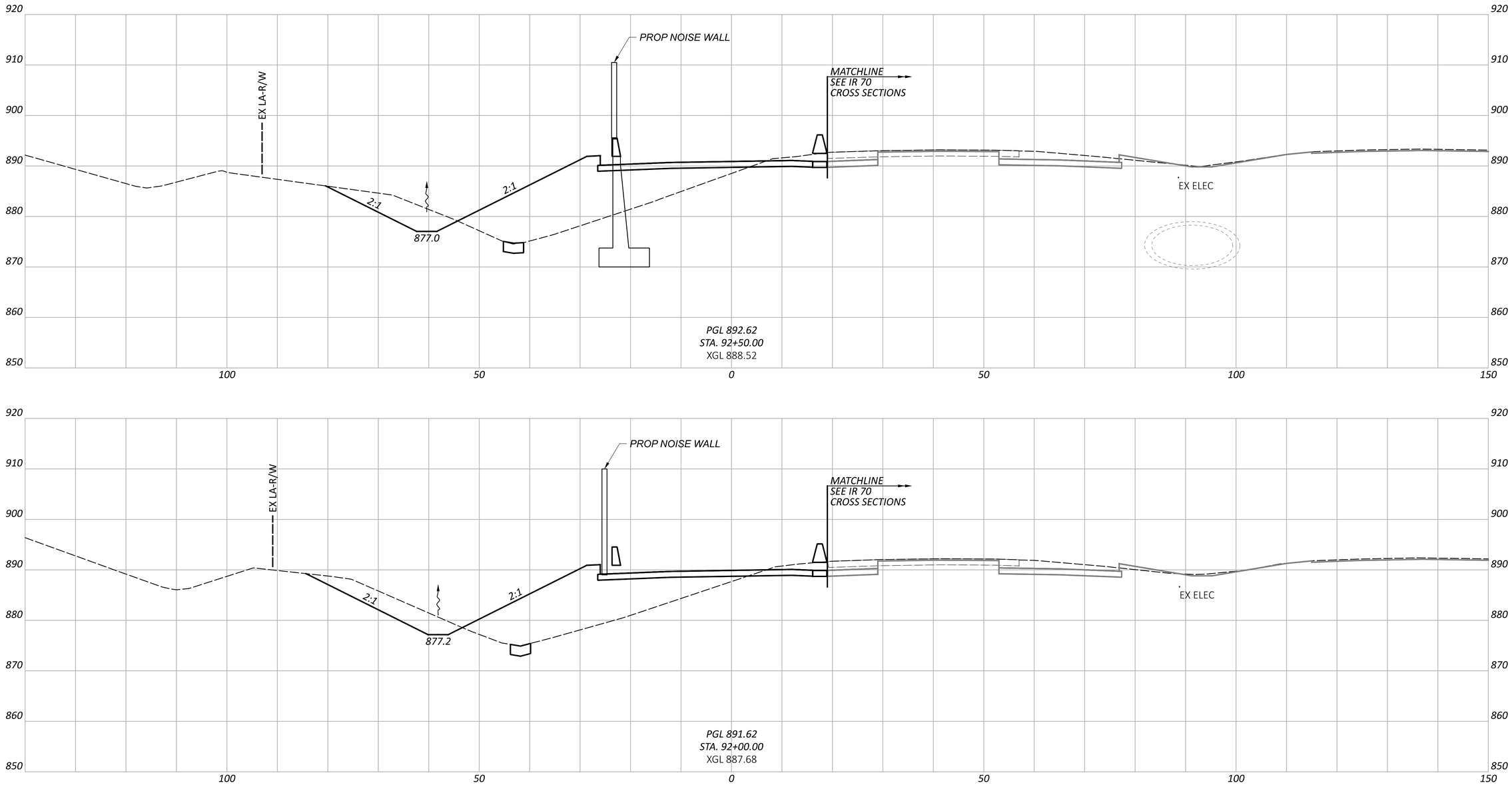
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 92+00.00 TO STA. 92+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0811
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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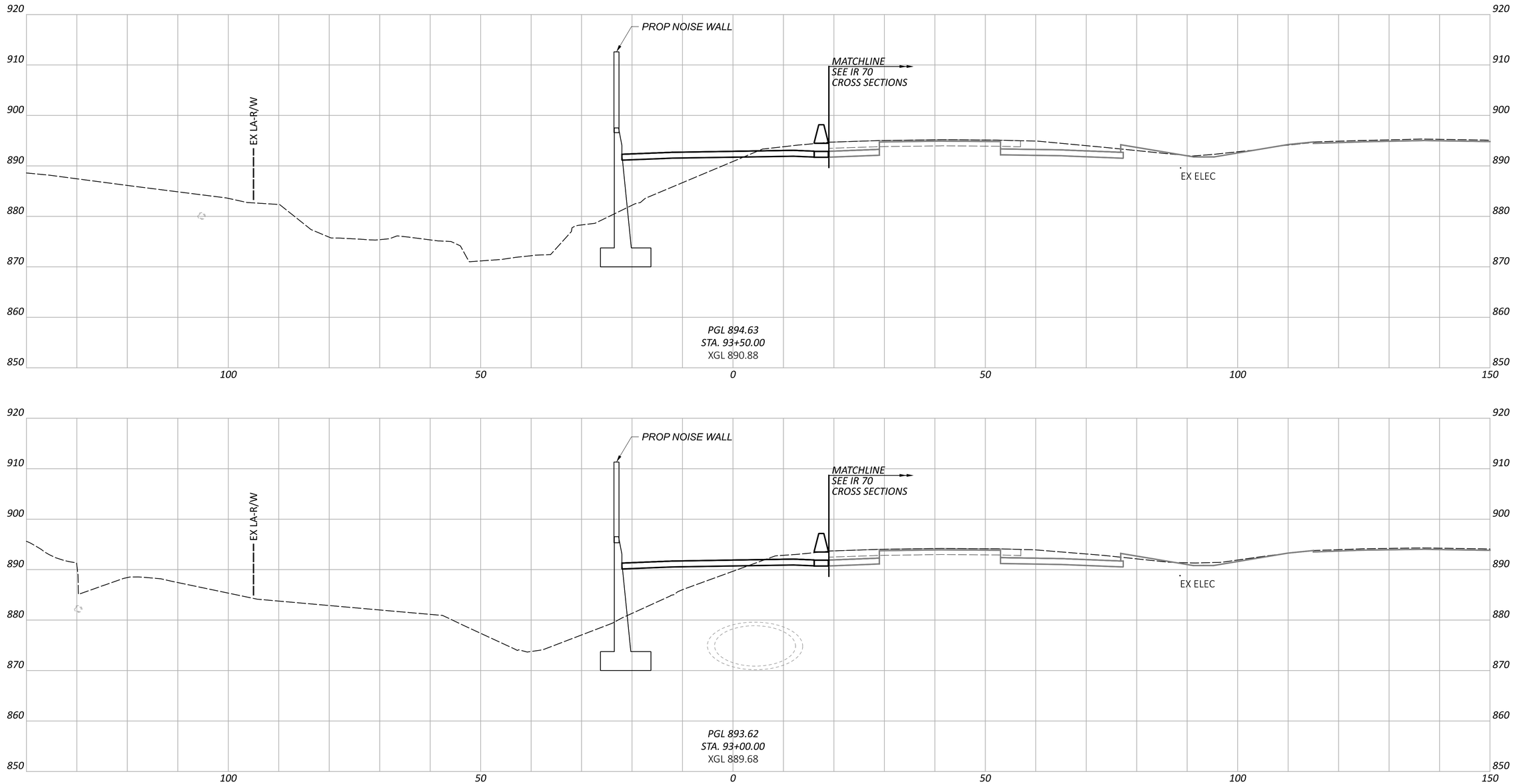
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

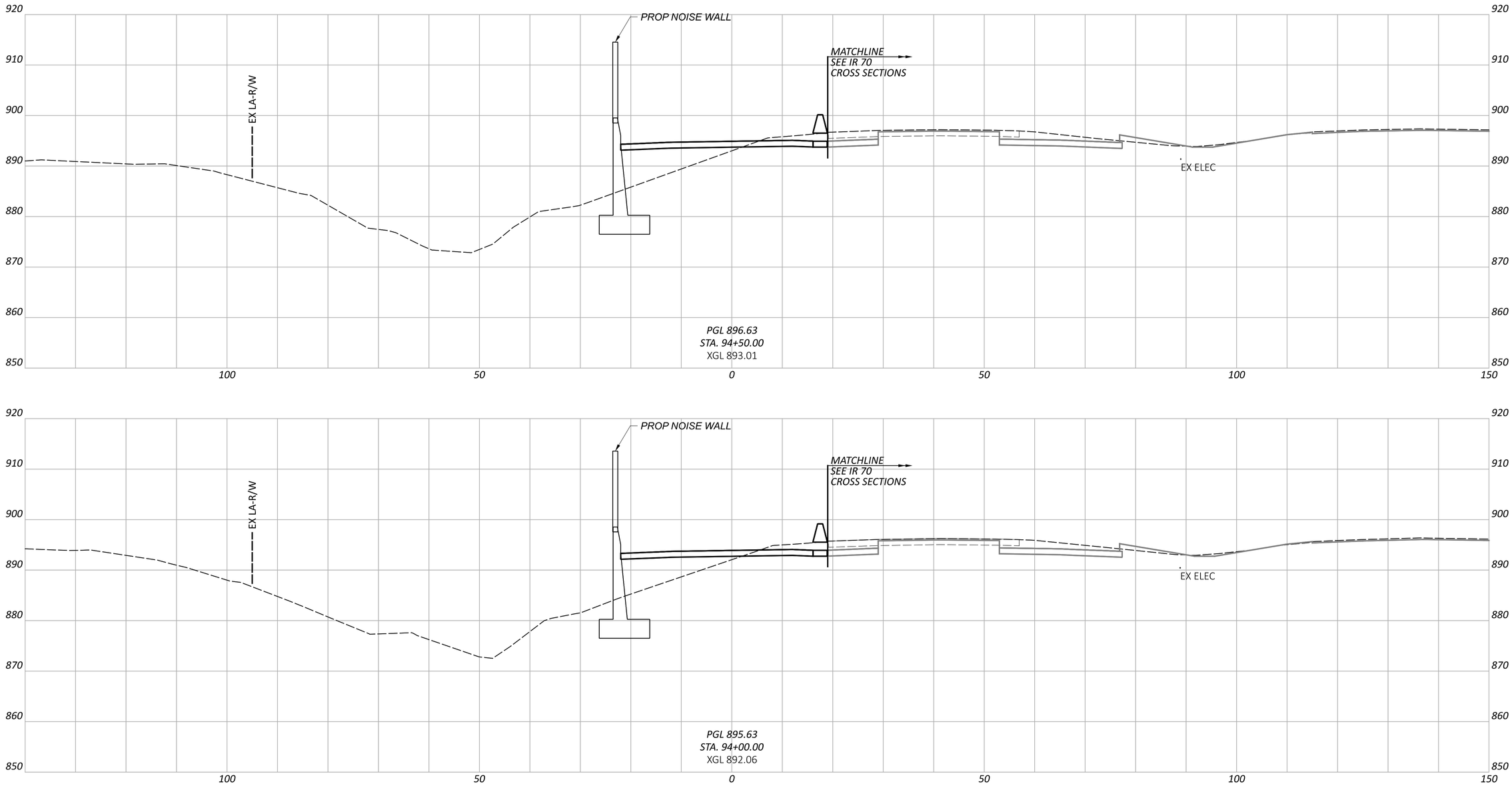
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0812 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

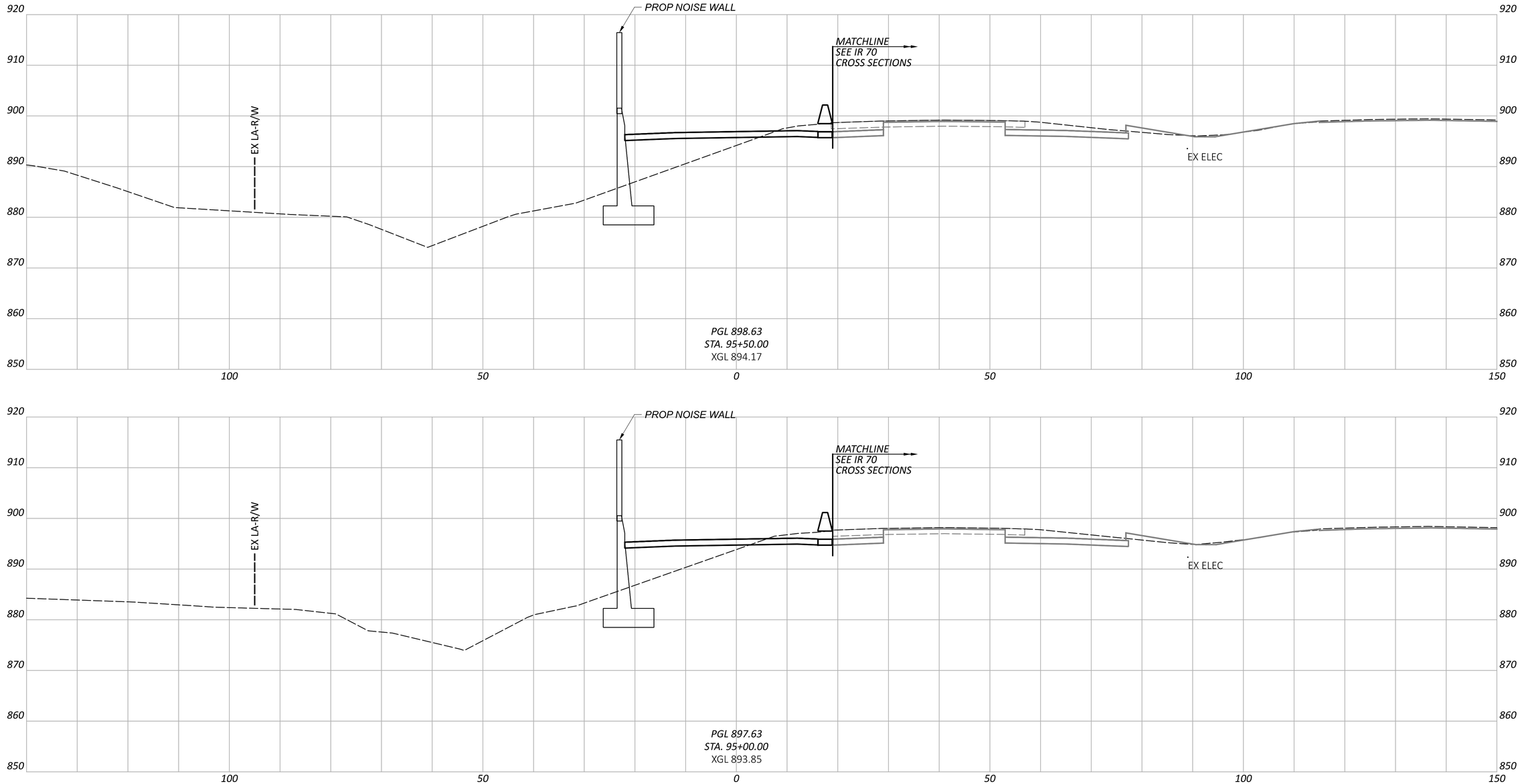
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0813 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

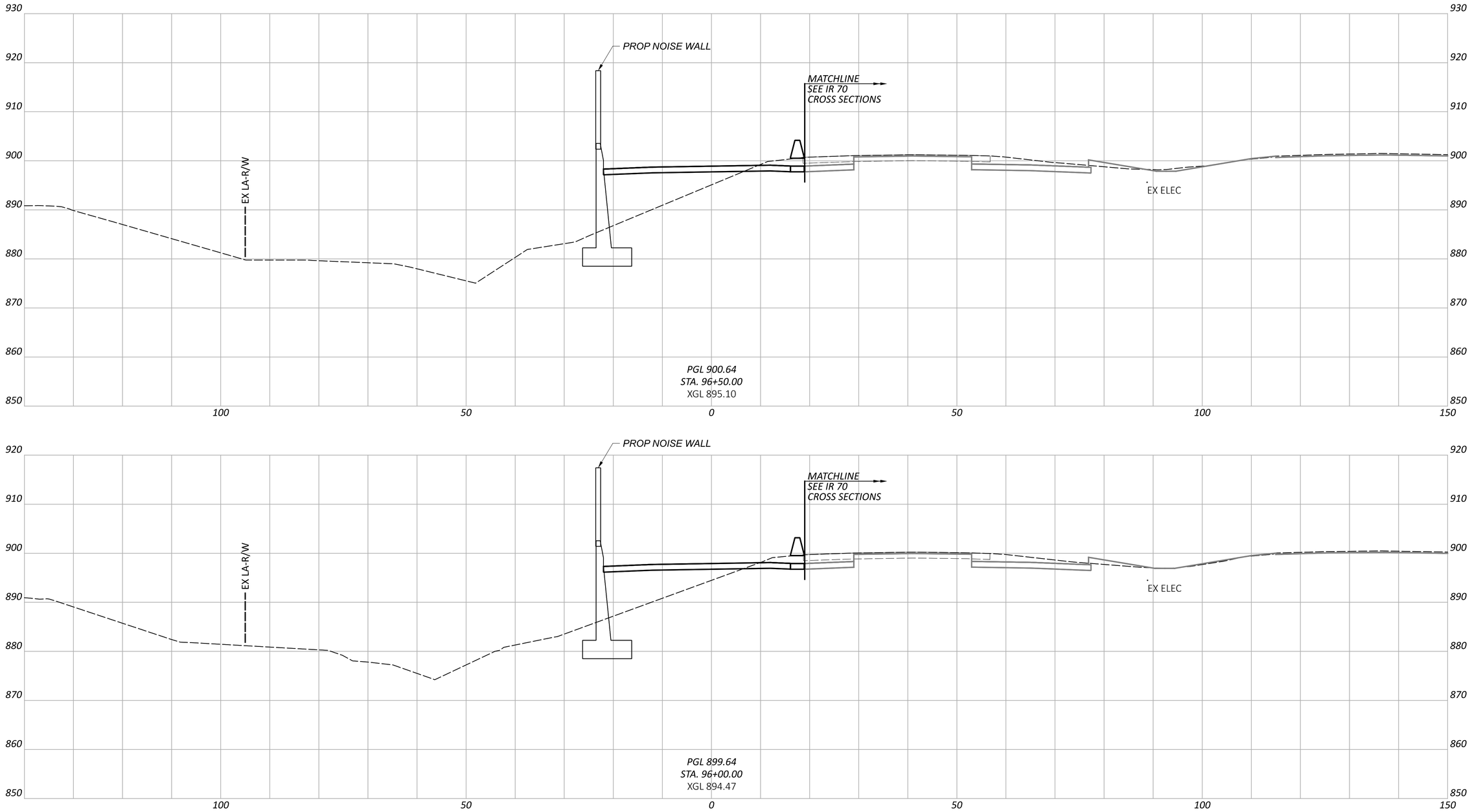
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0814 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

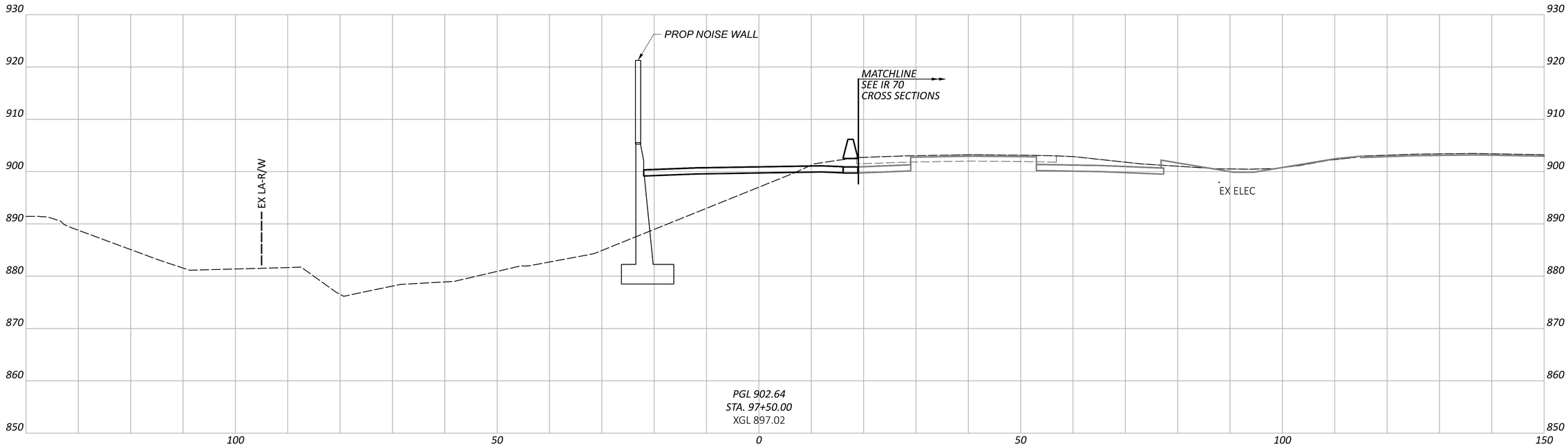
DESIGNER
BER

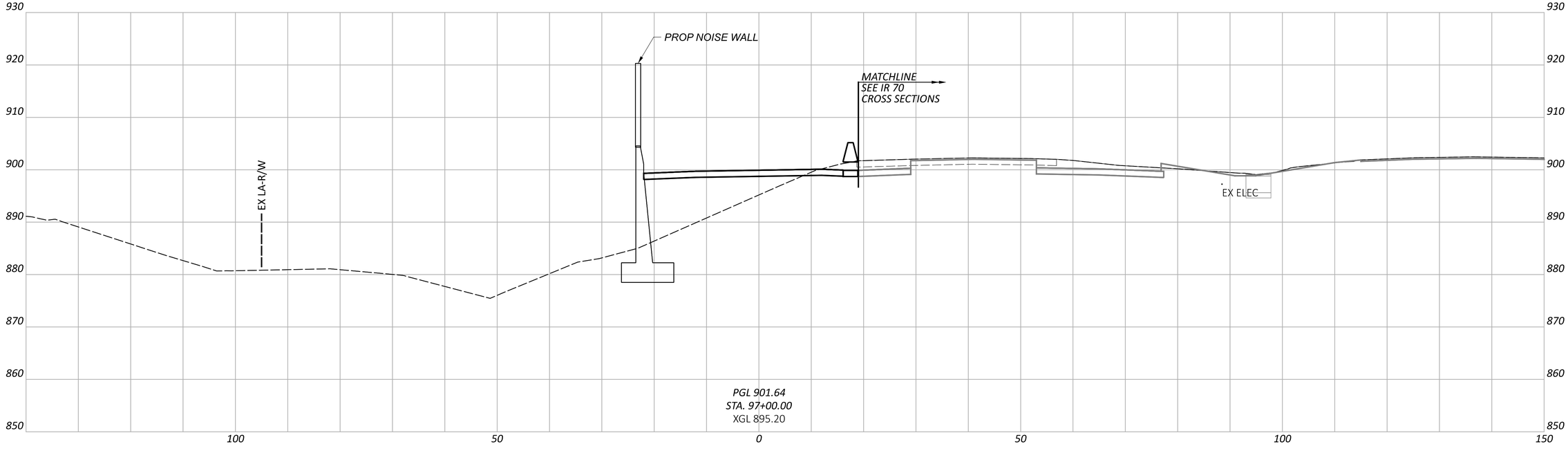
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0815 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP H
STA. 97+00.00 TO STA. 97+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

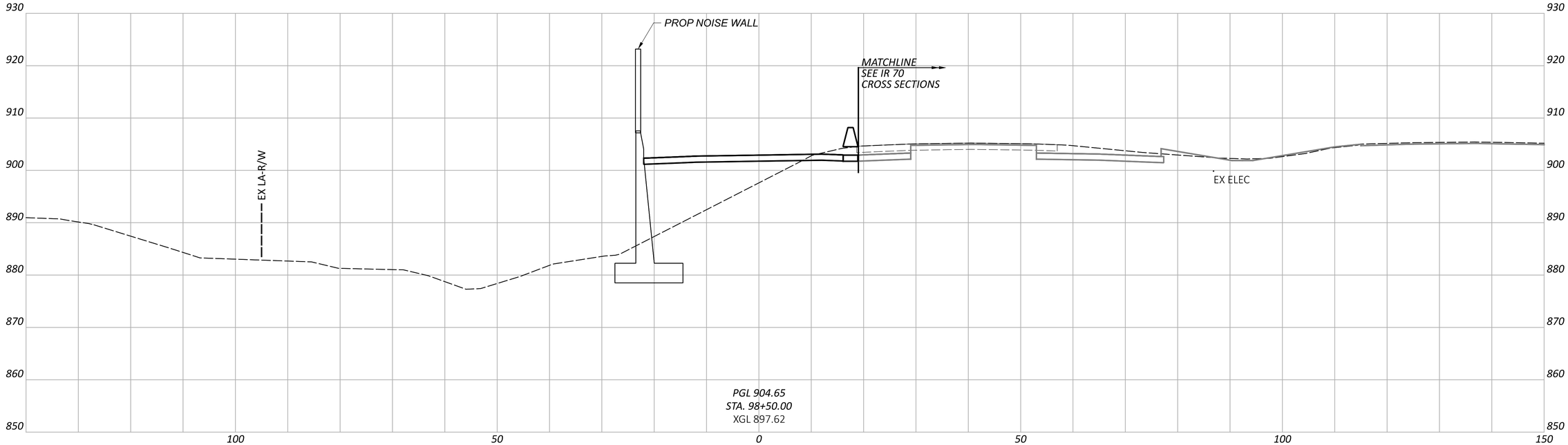
DESIGNER
BER

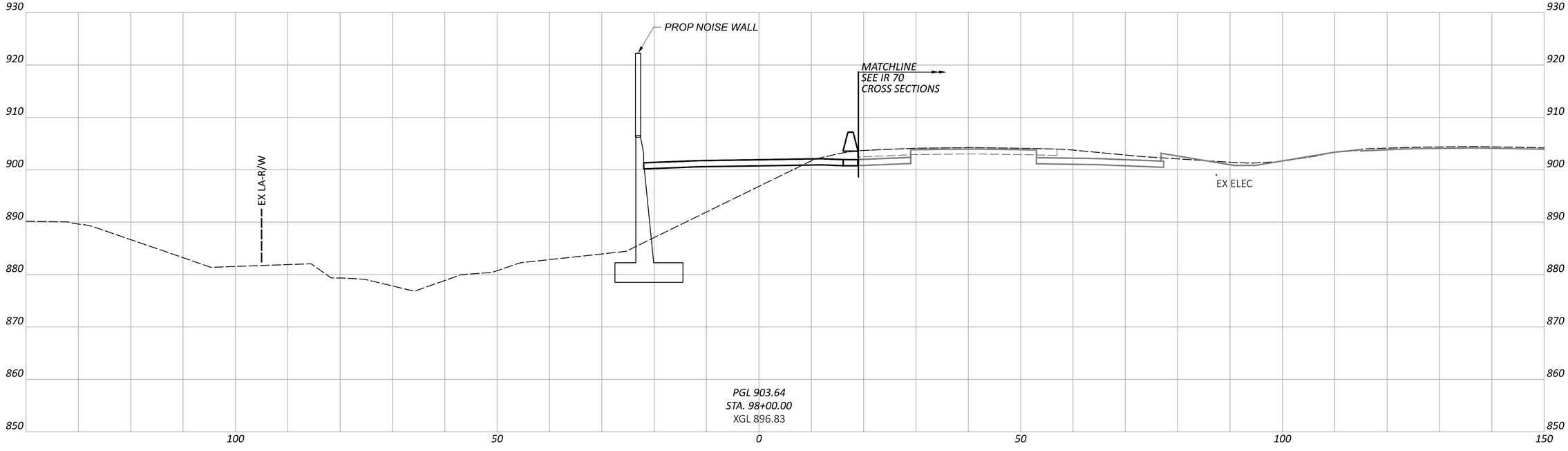
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0816 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP H
STA. 98+00.00 TO STA. 98+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

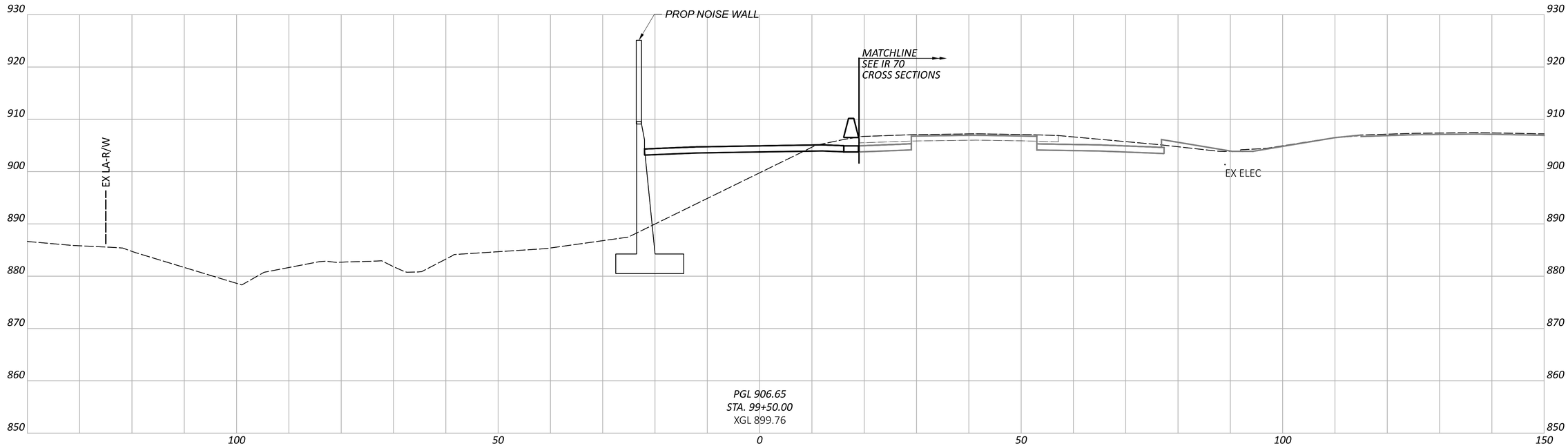
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0817 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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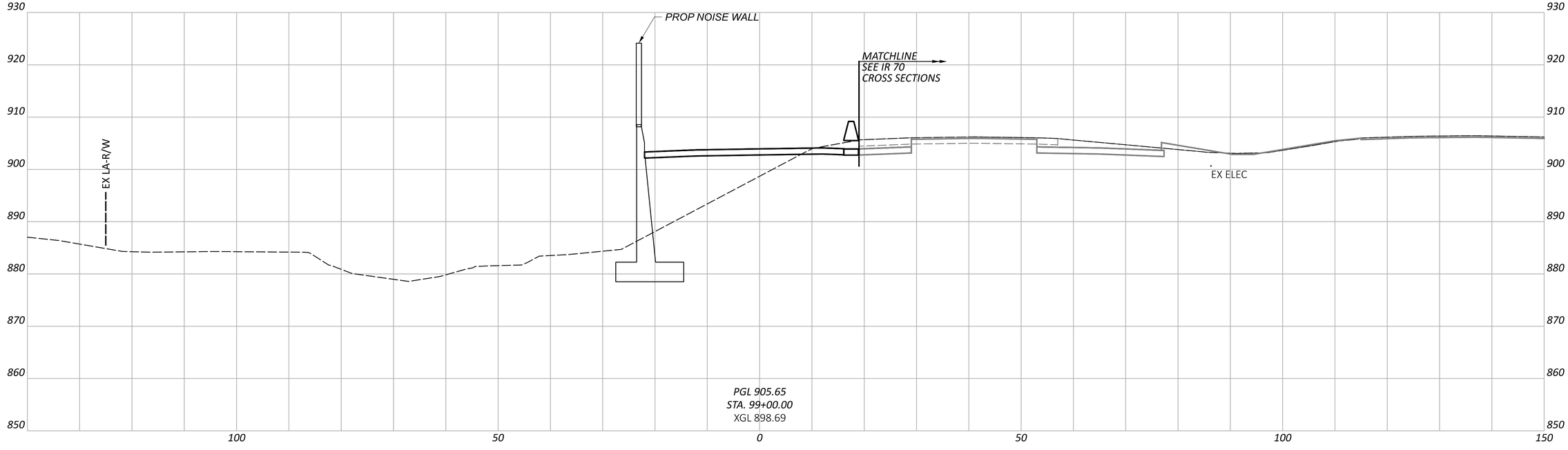
STA. 99+50.00
XGL 899.76



PGL 905.65
STA. 99+00.00
XGL 898.69

CROSS SECTIONS - RAMP H
STA. 99+00.00 TO STA. 99+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0818 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 99+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:39:28 AM USER: brieder
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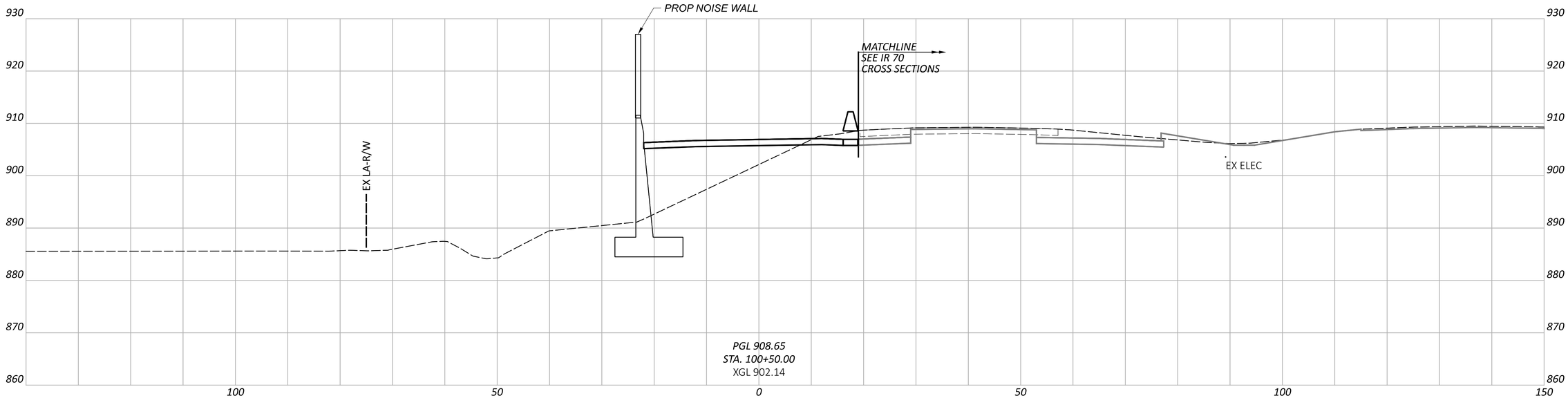
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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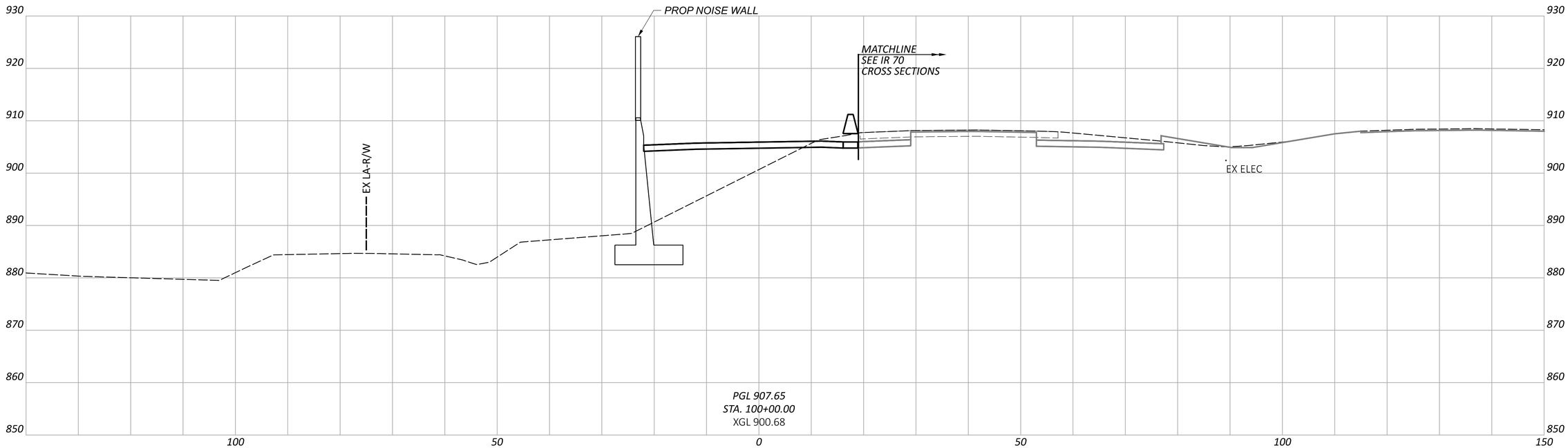

PGL 907.65
STA. 100+00.00
XGL 900.68

CROSS SECTIONS - RAMP H
STA. 100+00.00 TO STA. 100+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

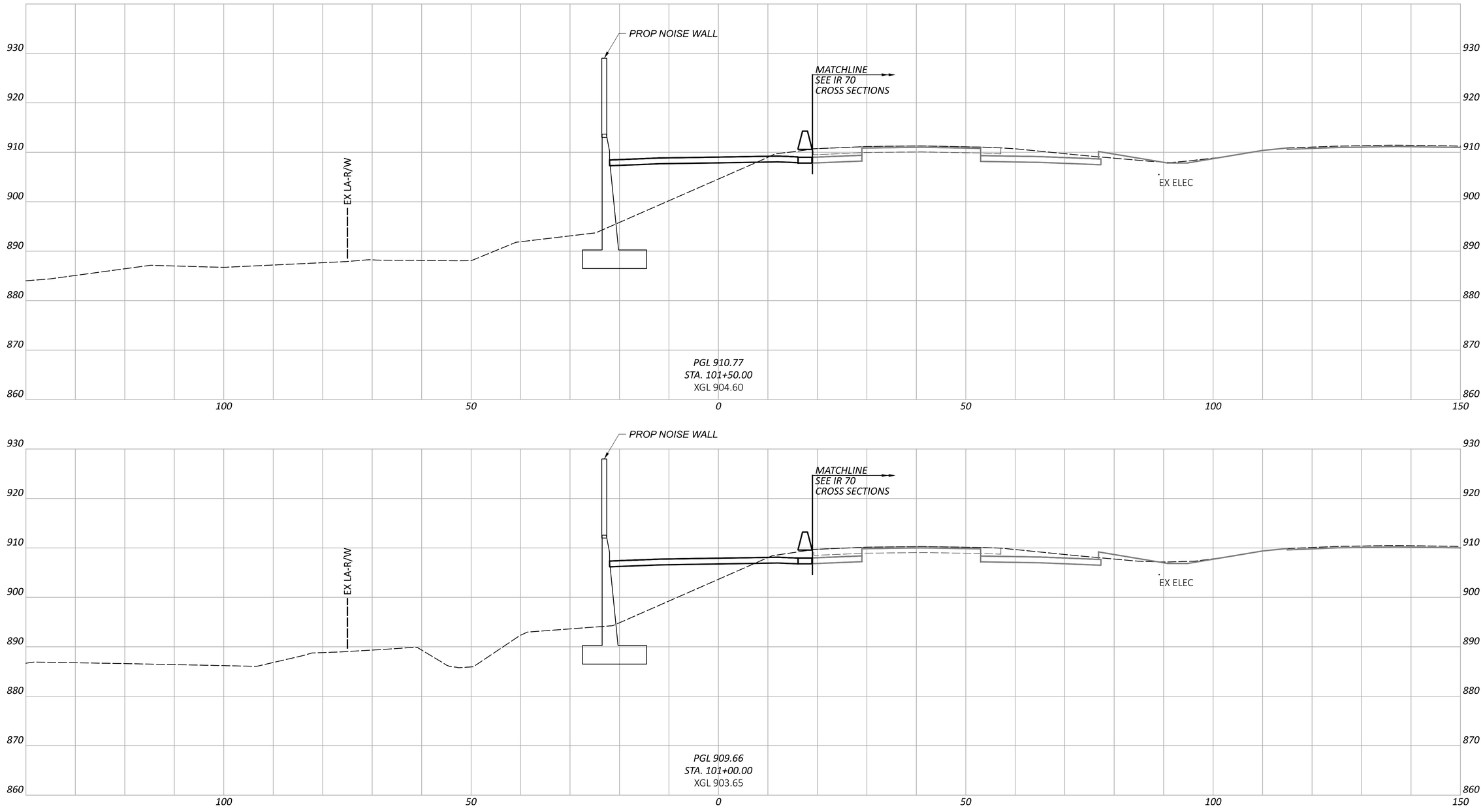
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0819 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP H
STA. 101+00.00 TO STA. 101+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

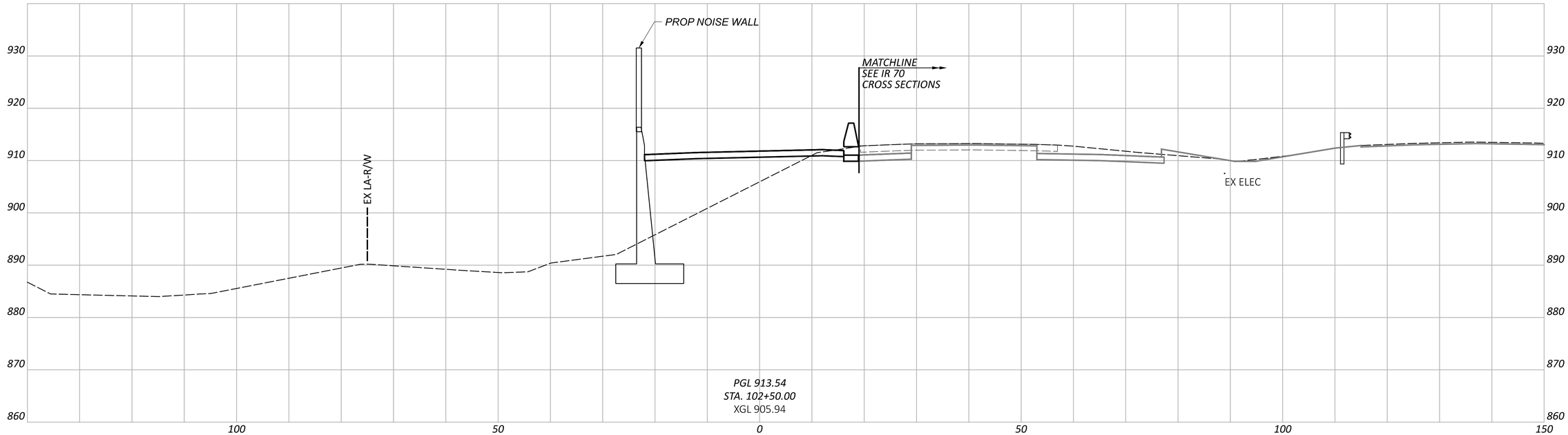
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0820 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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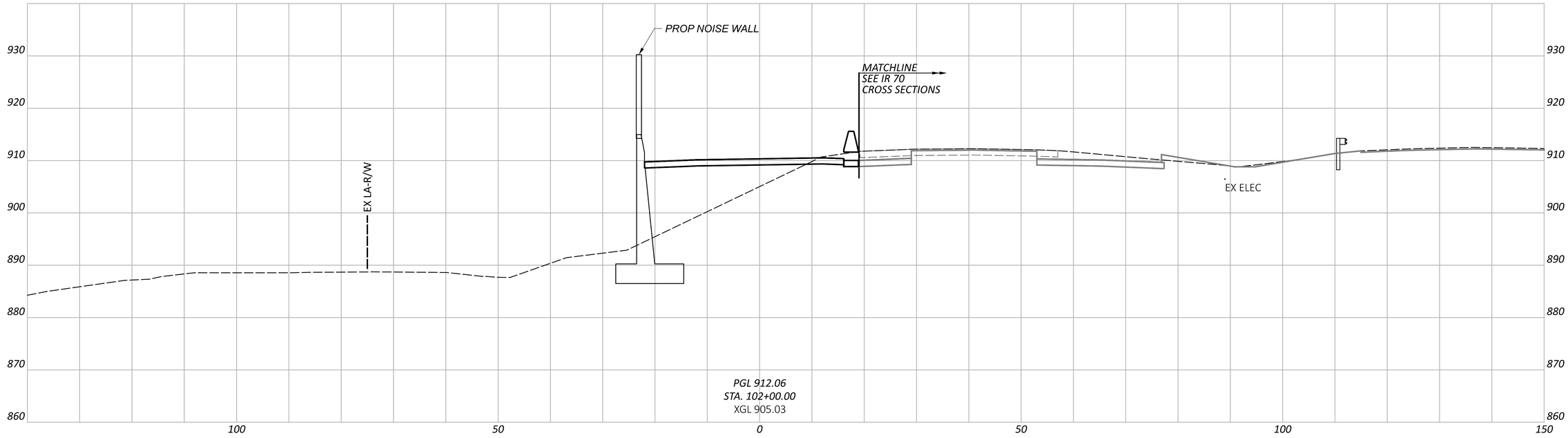
XGL 905.94



PGL 912.06
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XGL 905.03

CROSS SECTIONS - RAMP H
STA. 102+00.00 TO STA. 102+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

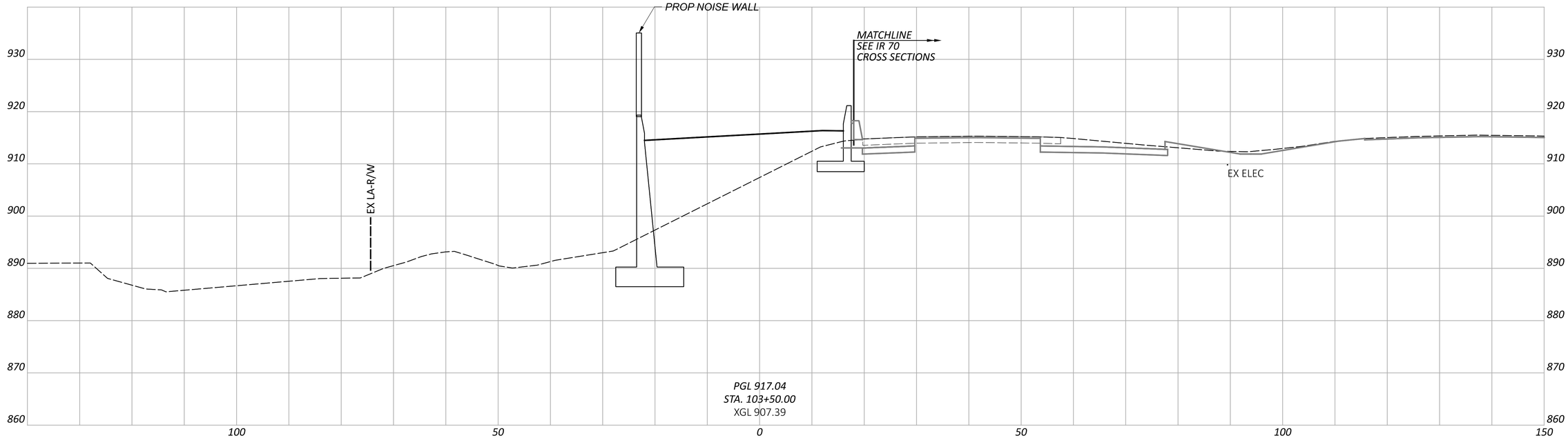
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0821 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



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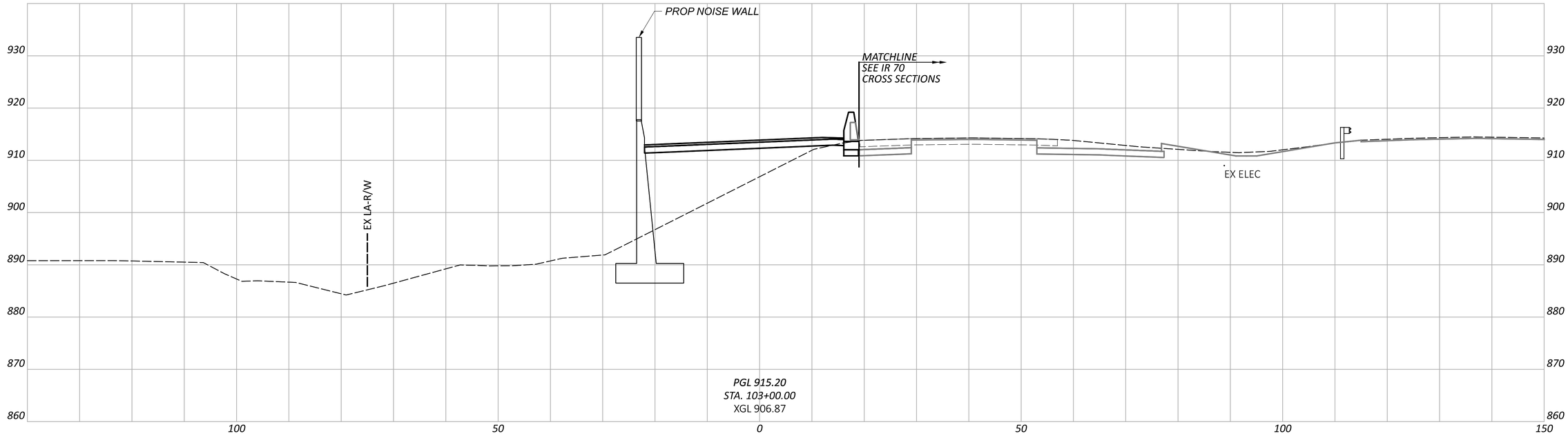
XGL 907.39



PGL 915.20
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XGL 906.87

CROSS SECTIONS - RAMP H
STA. 103+00.00 TO STA. 103+50.00

FAI/LIC-IR 70-0.00/0.00

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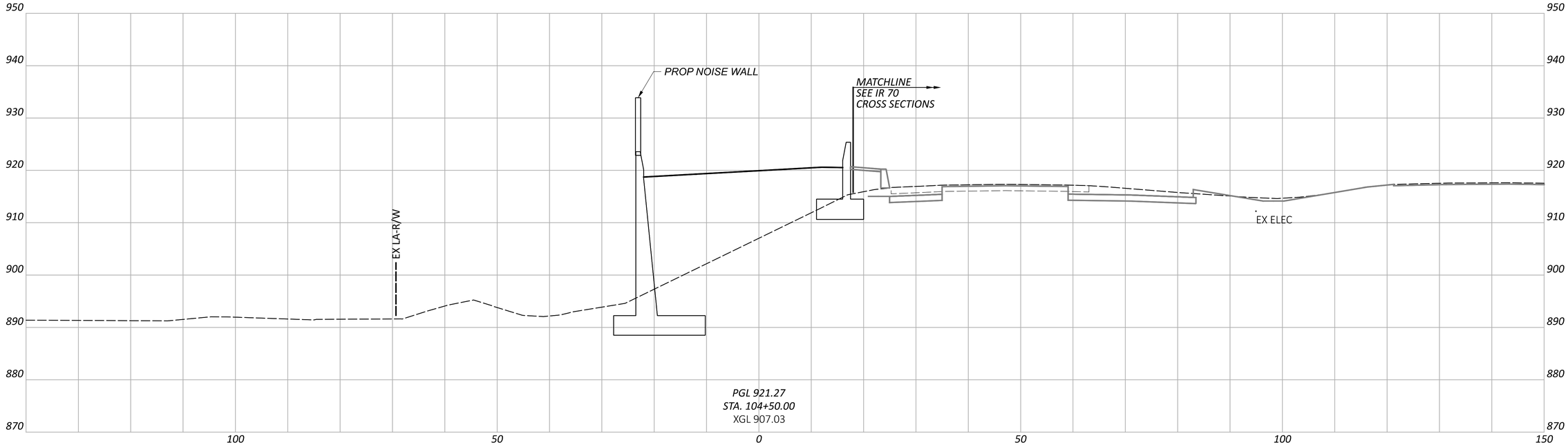
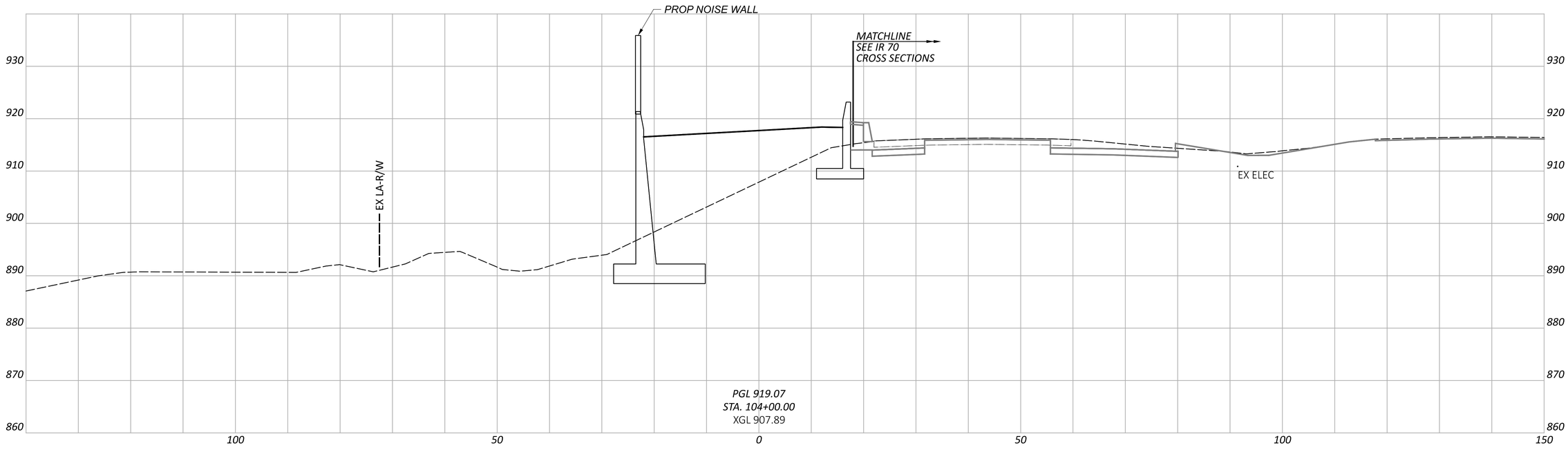
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0822
TOTAL	P.2024





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FAI/LIC-IR 70-0.00/0.00

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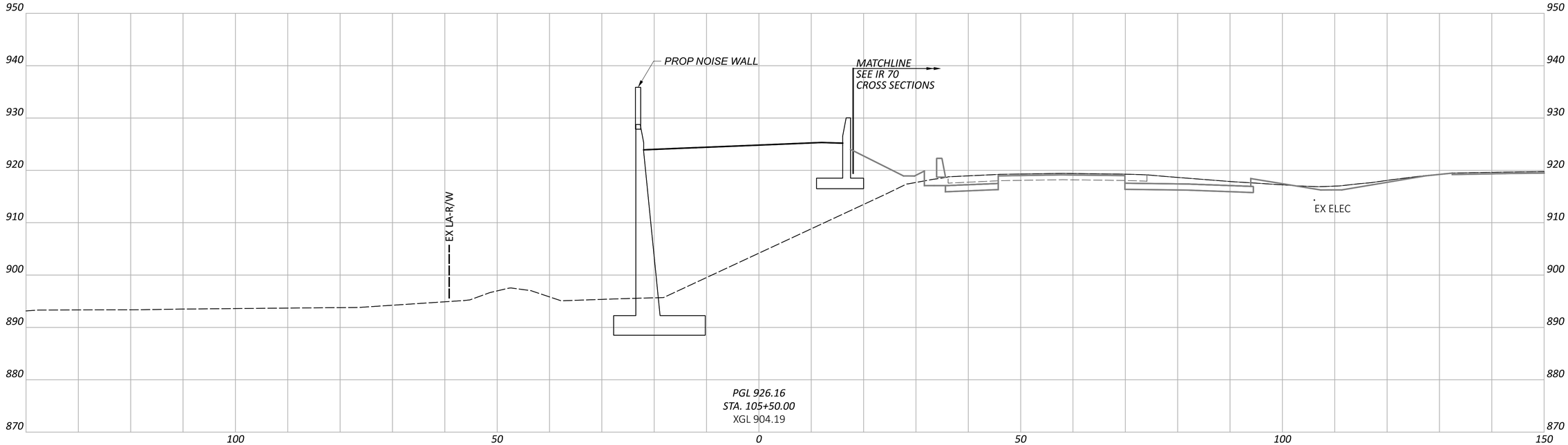
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0823 TOTAL P.2024



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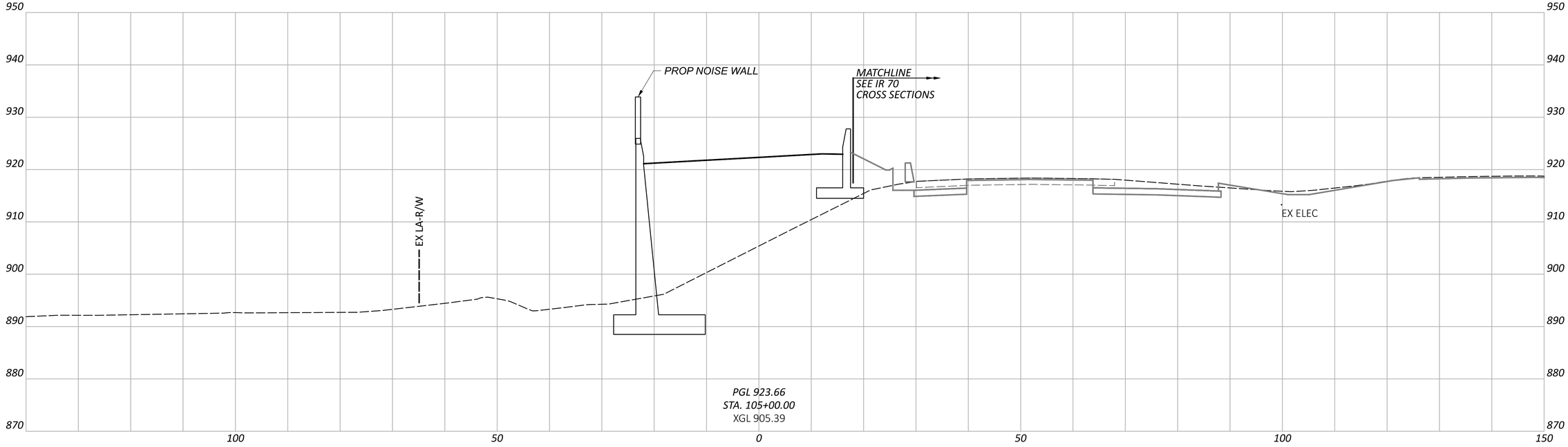
XGL 904.19



PGL 923.66
STA. 105+00.00
XGL 905.39

CROSS SECTIONS - RAMP H
STA. 105+00.00 TO STA. 105+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0824 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - 105+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:39:45 AM USER: brieder
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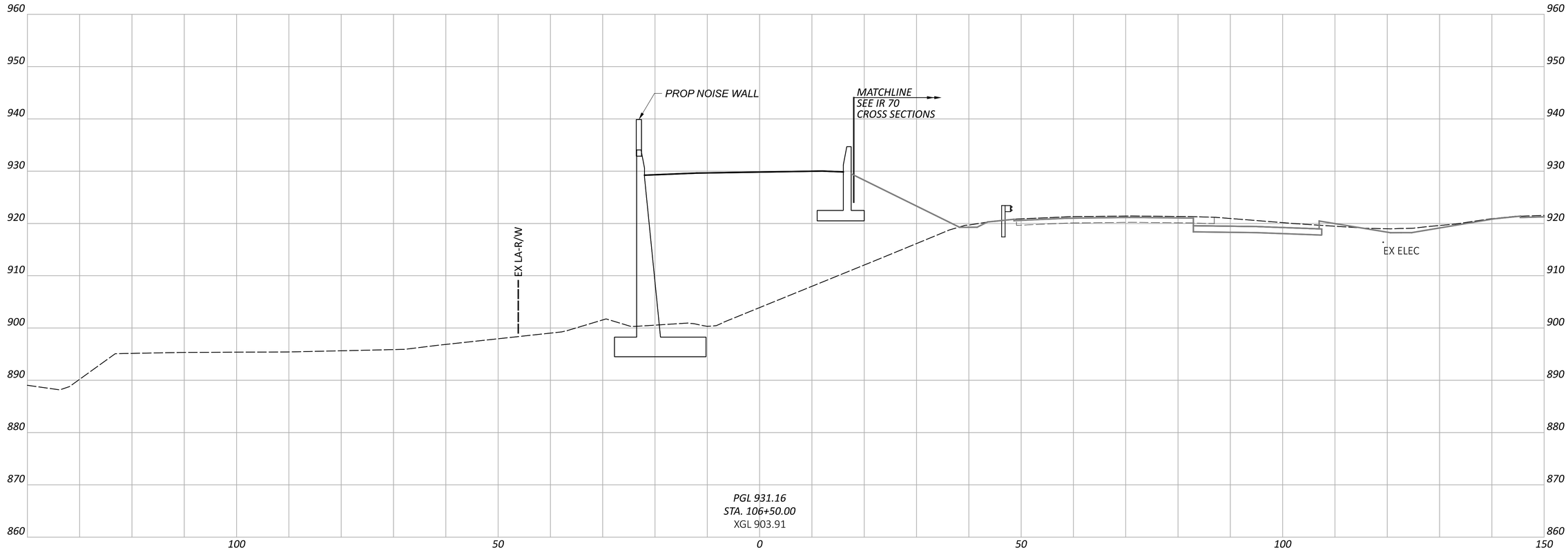

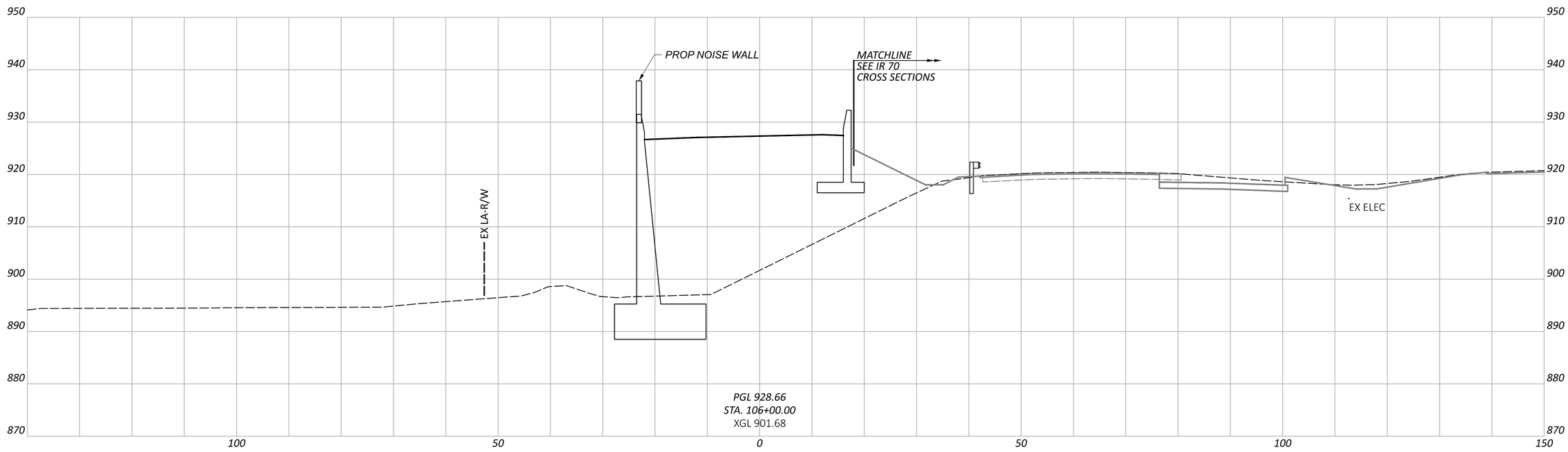

CROSS SECTIONS - RAMP H
STA. 106+00.00 TO STA. 106+50.00

FAI/LIC-IR 70-0.00/0.00

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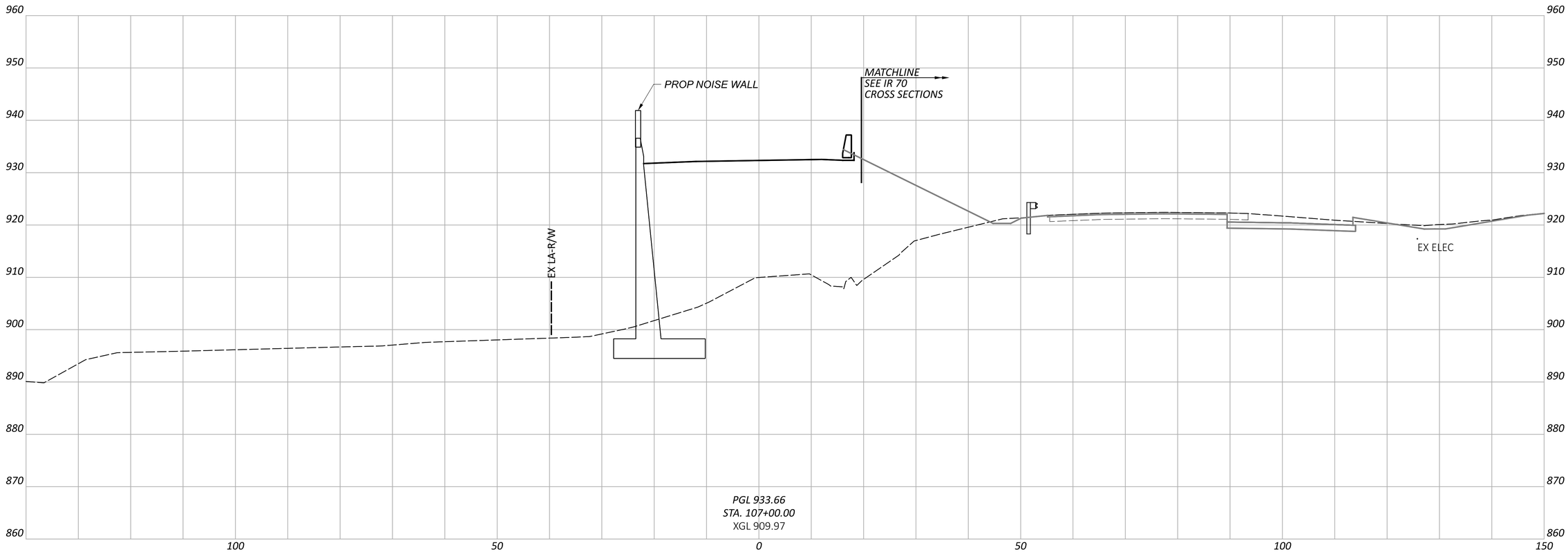
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0825 TOTAL P.2024



CROSS SECTIONS - RAMP H
STA. 107+00.00

FAI/LIC-IR 70-0.00/0.00

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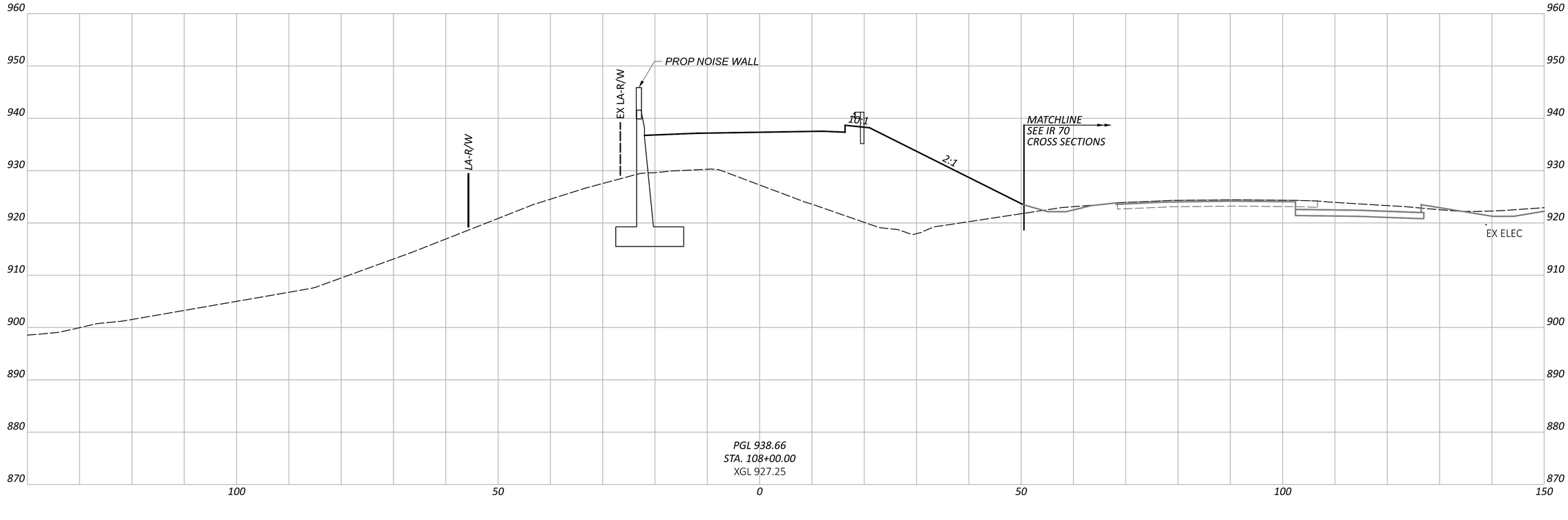
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

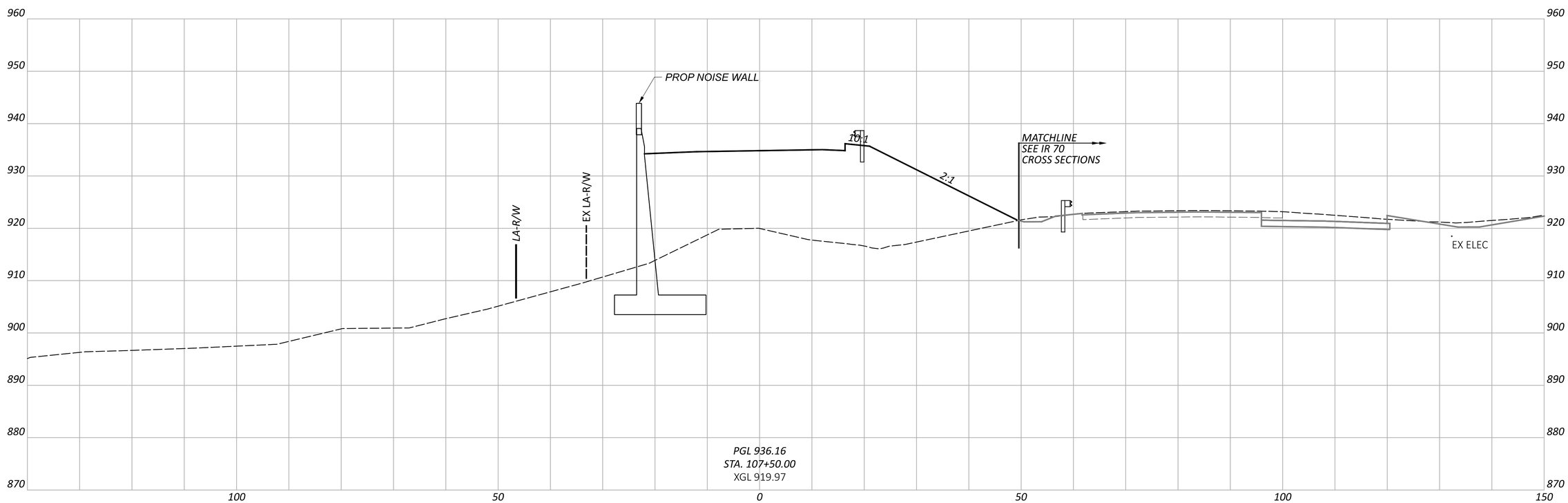
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0826 TOTAL P.2024





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CROSS SECTIONS - RAMP H
STA. 107+50.00 TO STA. 108+00.00

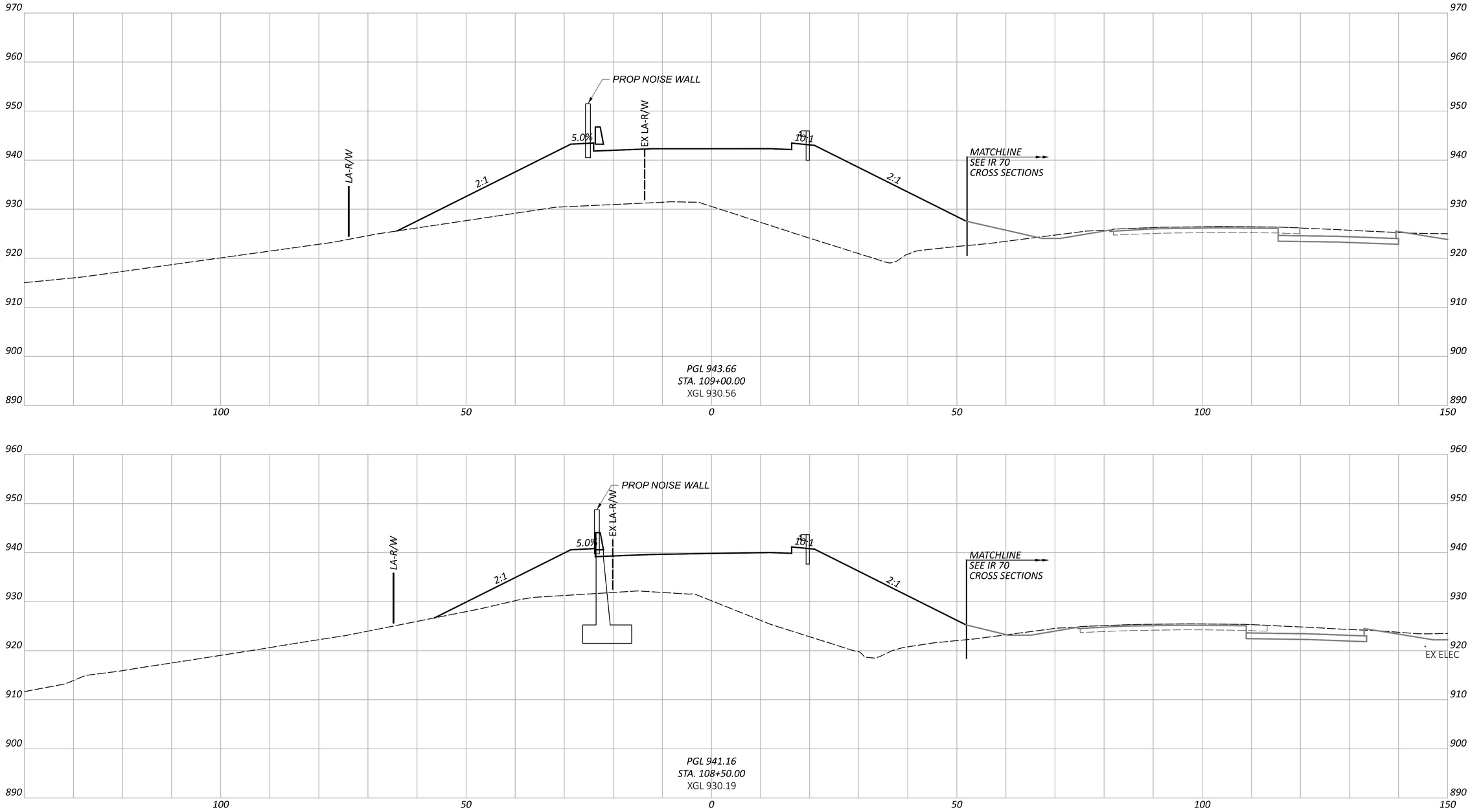
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0827 TOTAL P.2024



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FAI/LIC-IR 70-0.00/0.00

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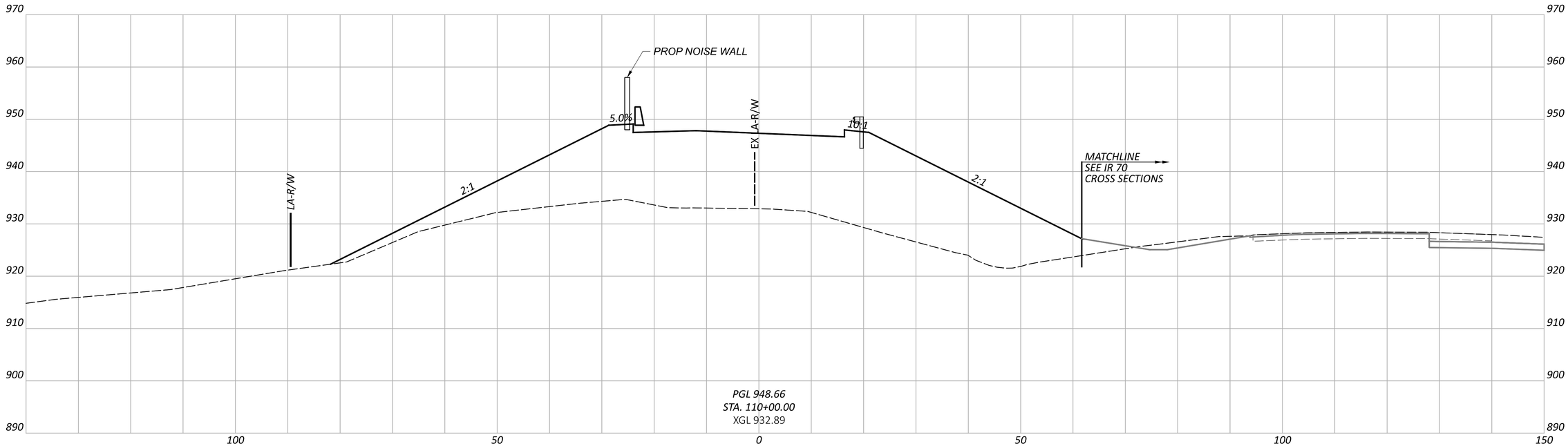
DESIGN AGENCY
STRUCTUREPOINT INC.

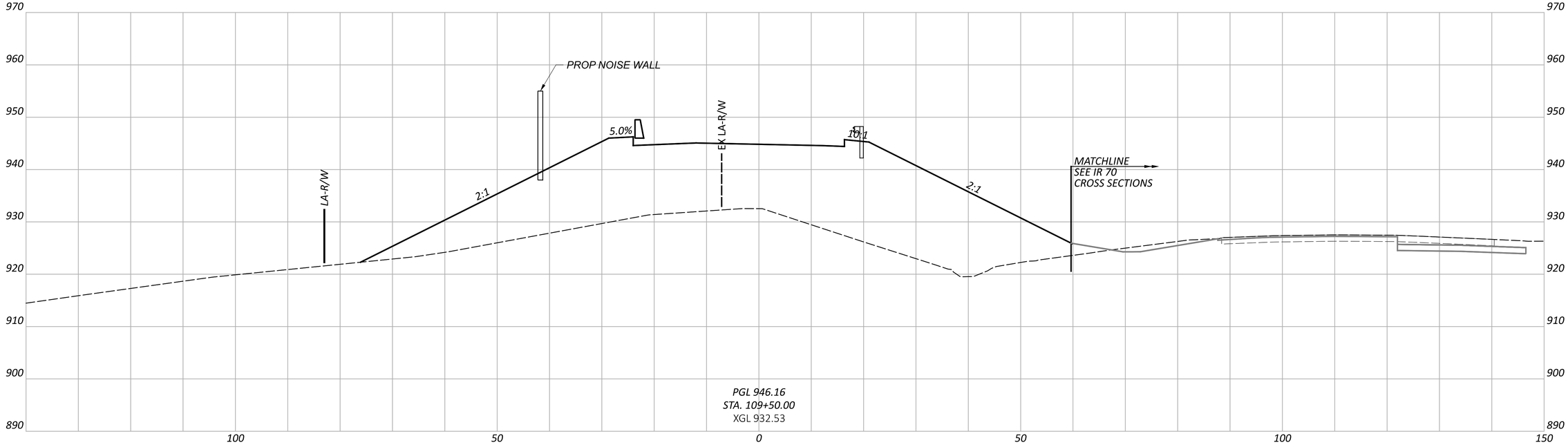
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0828 TOTAL P.2024





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FAI/LIC-IR 70-0.00/0.00

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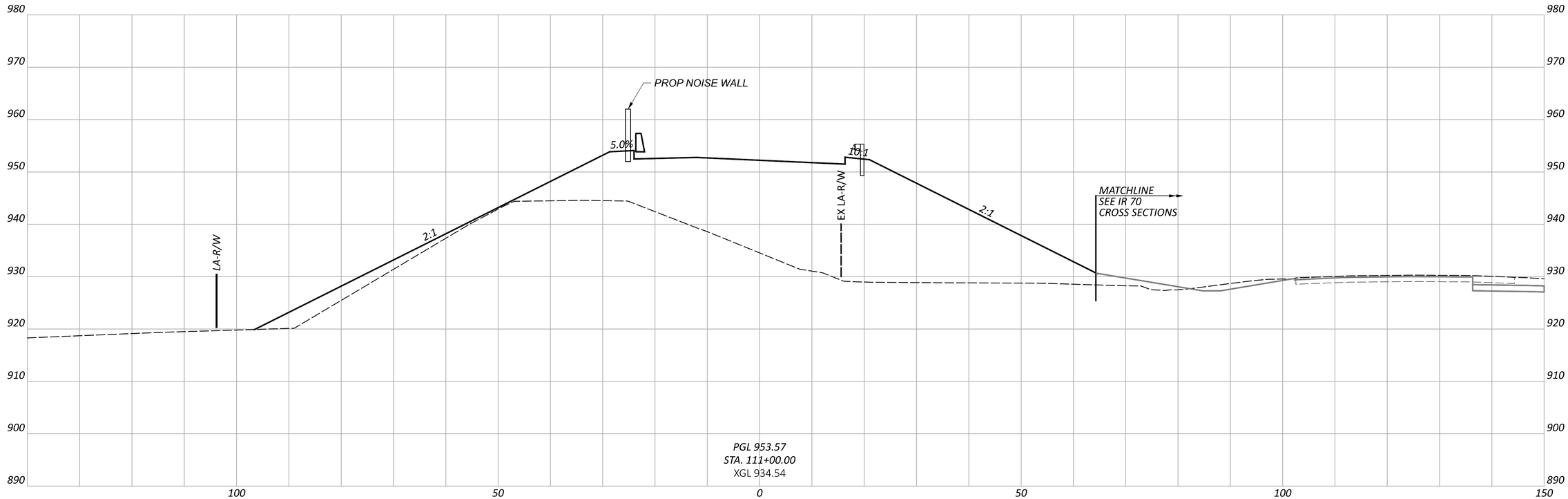
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

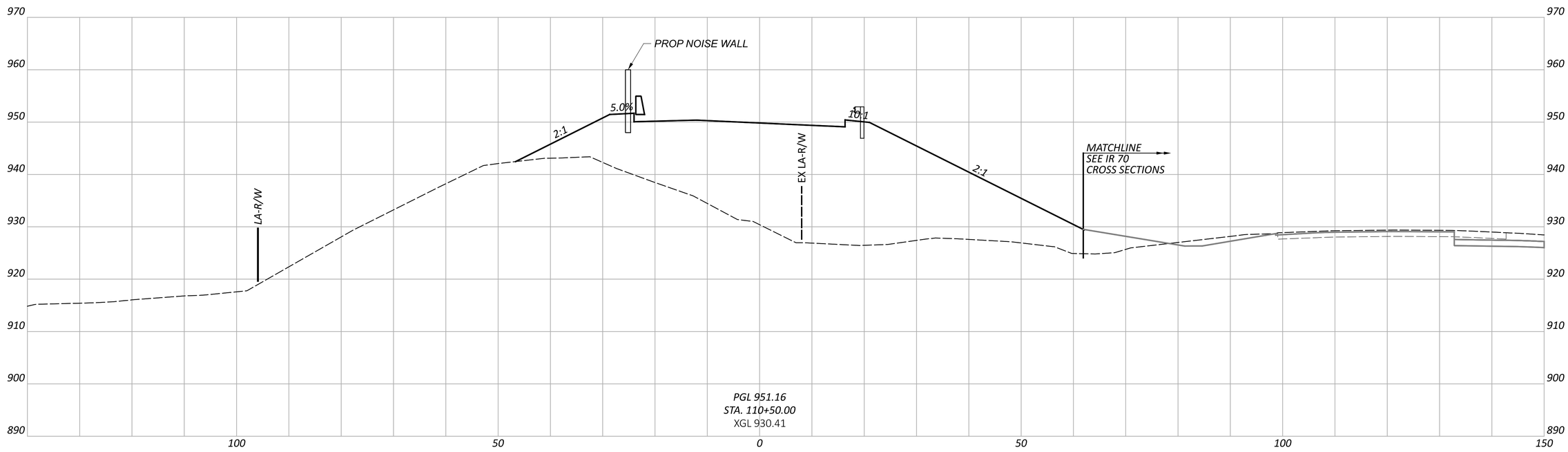
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0829 TOTAL P.2024





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CROSS SECTIONS - RAMP H
STA. 110+50.00 TO STA. 111+00.00

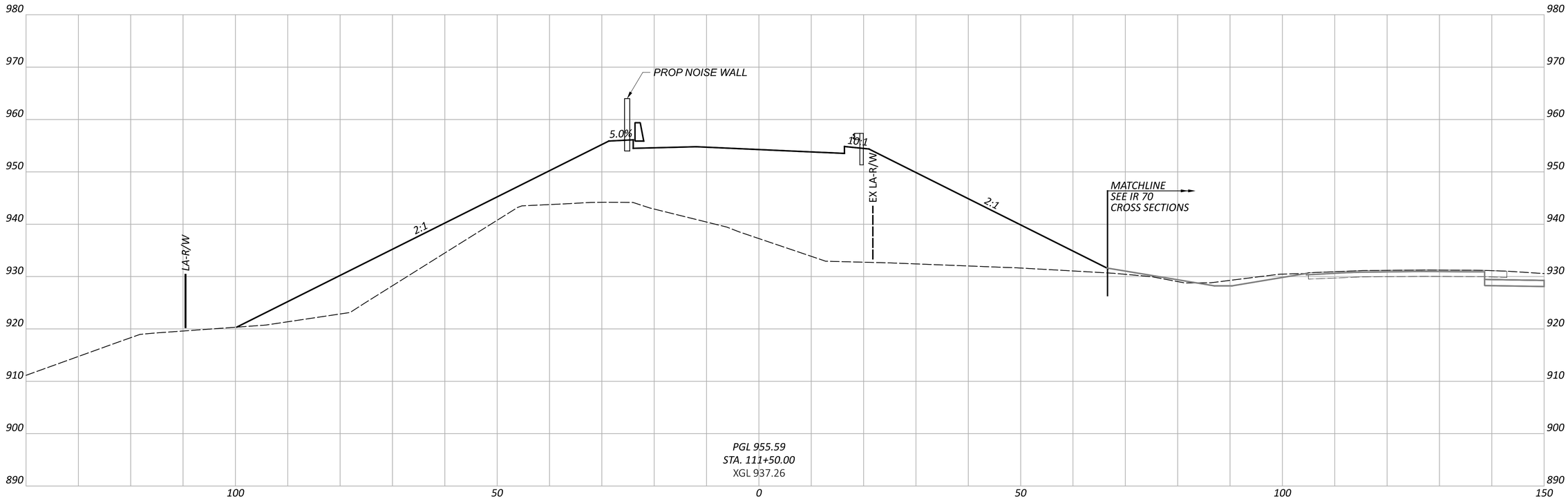
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0830 TOTAL P.2024



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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0831 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP H
STA. 112+00.00

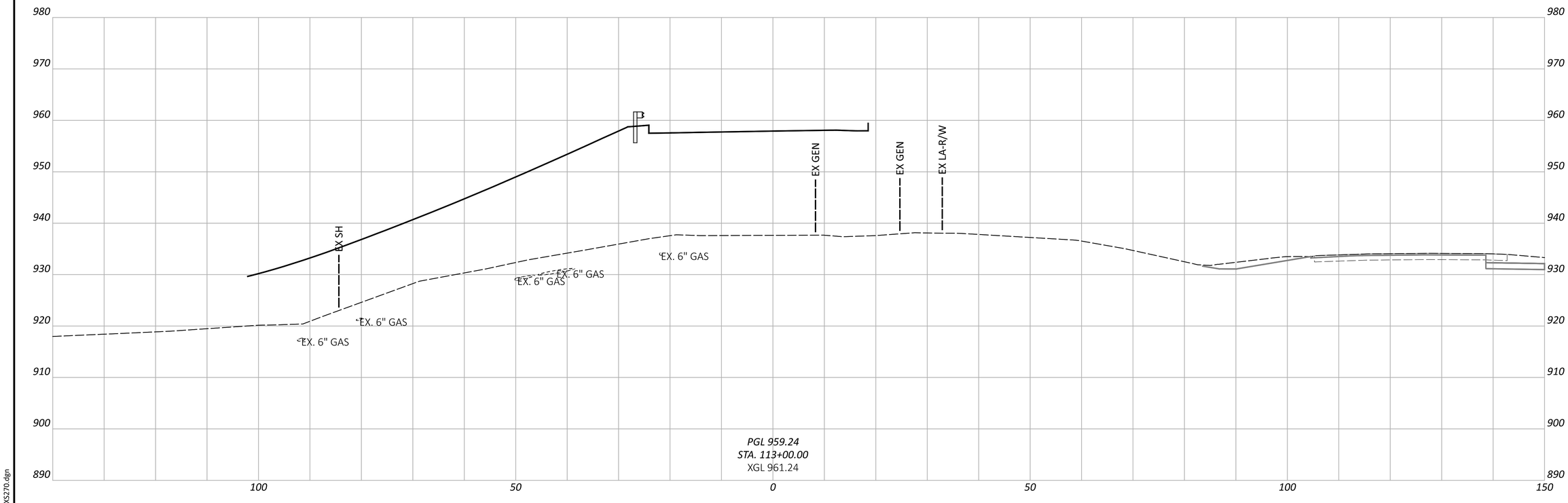
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

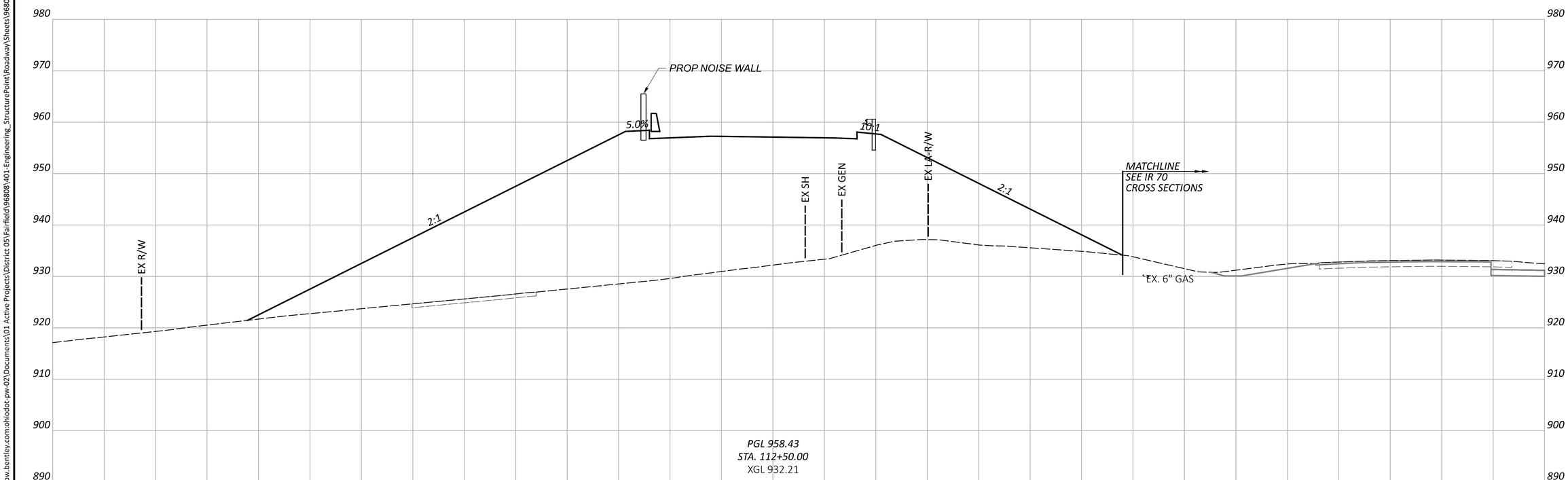
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0832 TOTAL P.2024





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CROSS SECTIONS - RAMP H
STA. 112+50.00 TO STA 113+00.00

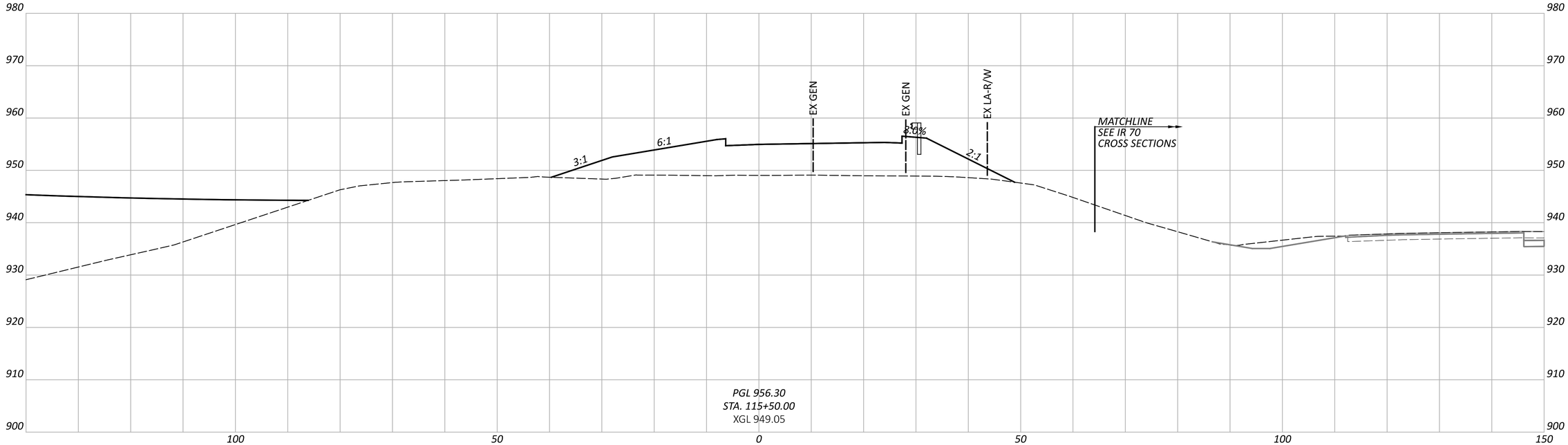
DESIGN AGENCY
STRUCTUREPOINT

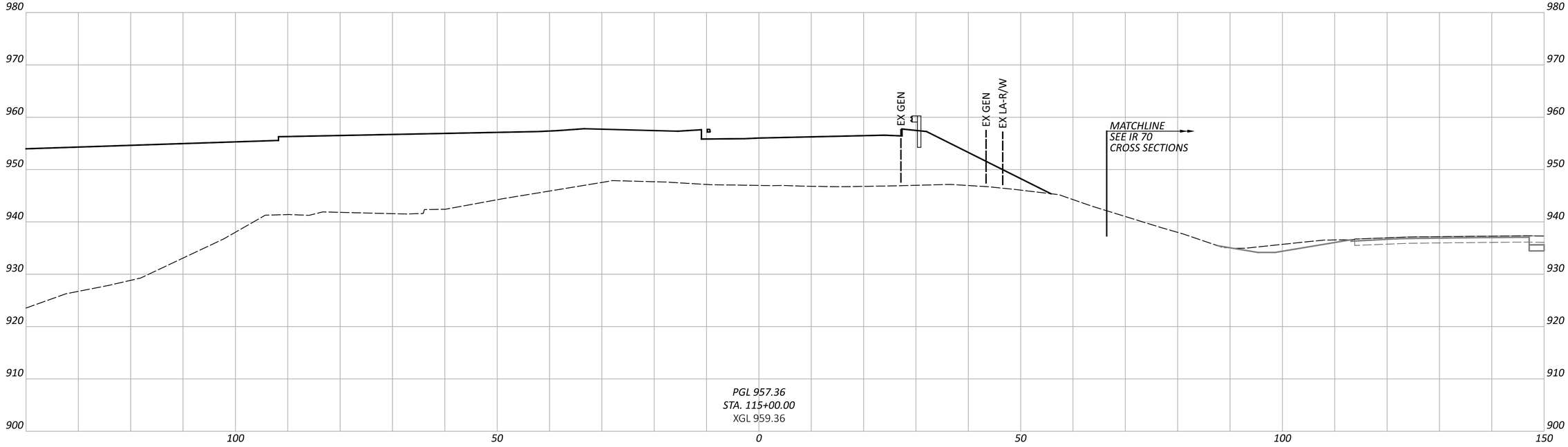
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0833 TOTAL P.2024





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CROSS SECTIONS - RAMP I
STA. 115+00.00 TO STA. 115+50.00

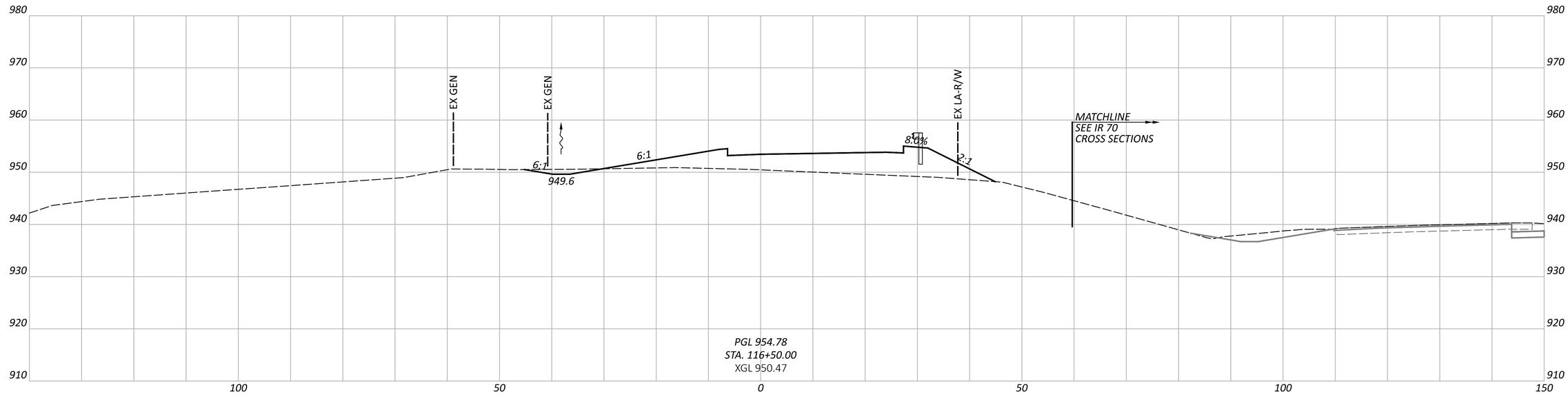
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

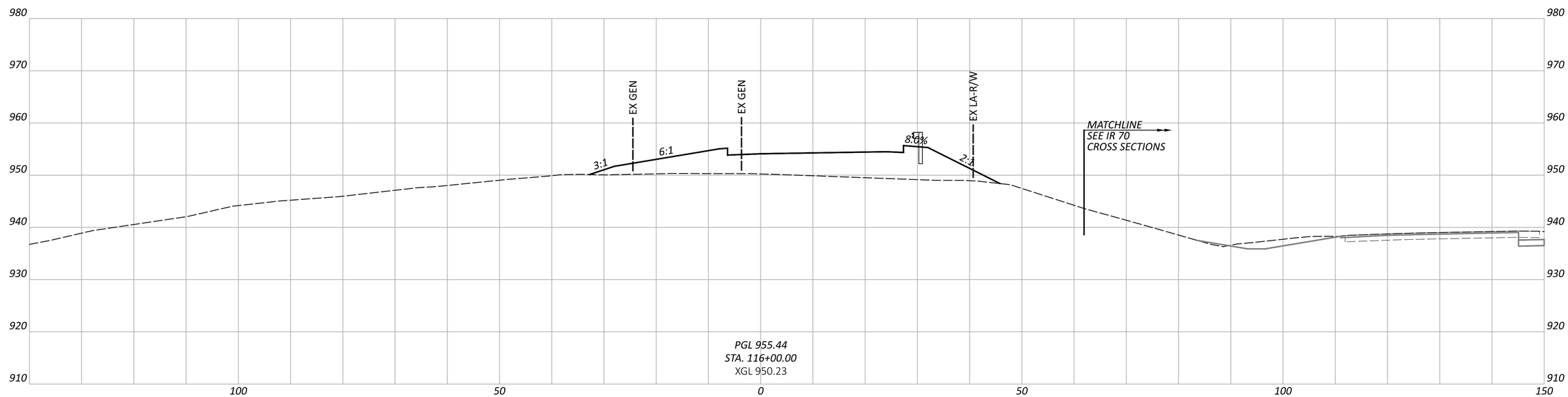
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0834 TOTAL P.2024





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FAI/LIC-IR 70-0.00/0.00

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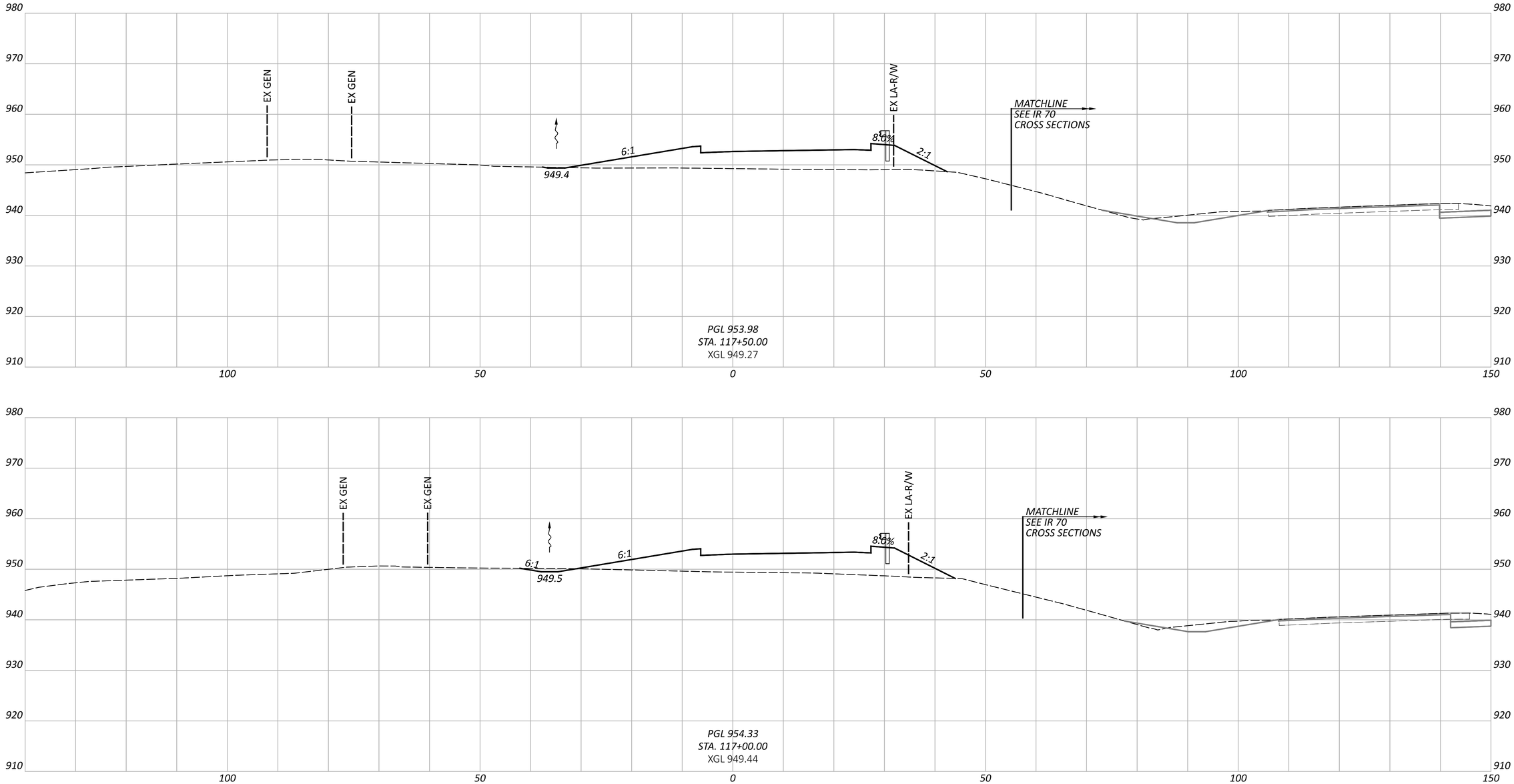
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0835 TOTAL P.2024



CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

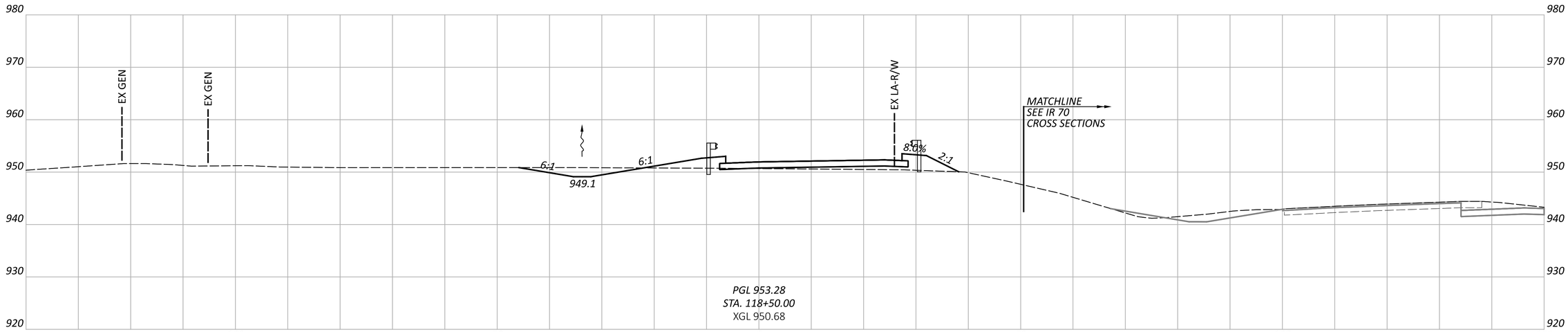
DESIGNER
BER

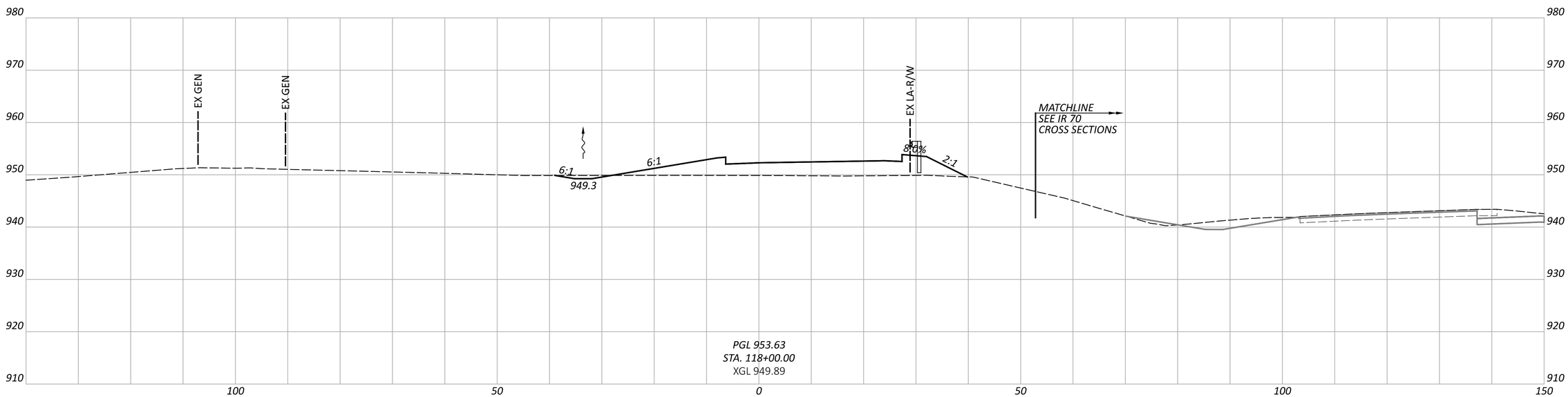
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0836 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP I
STA. 118+00.00 TO STA. 118+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - 118+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:41:01 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

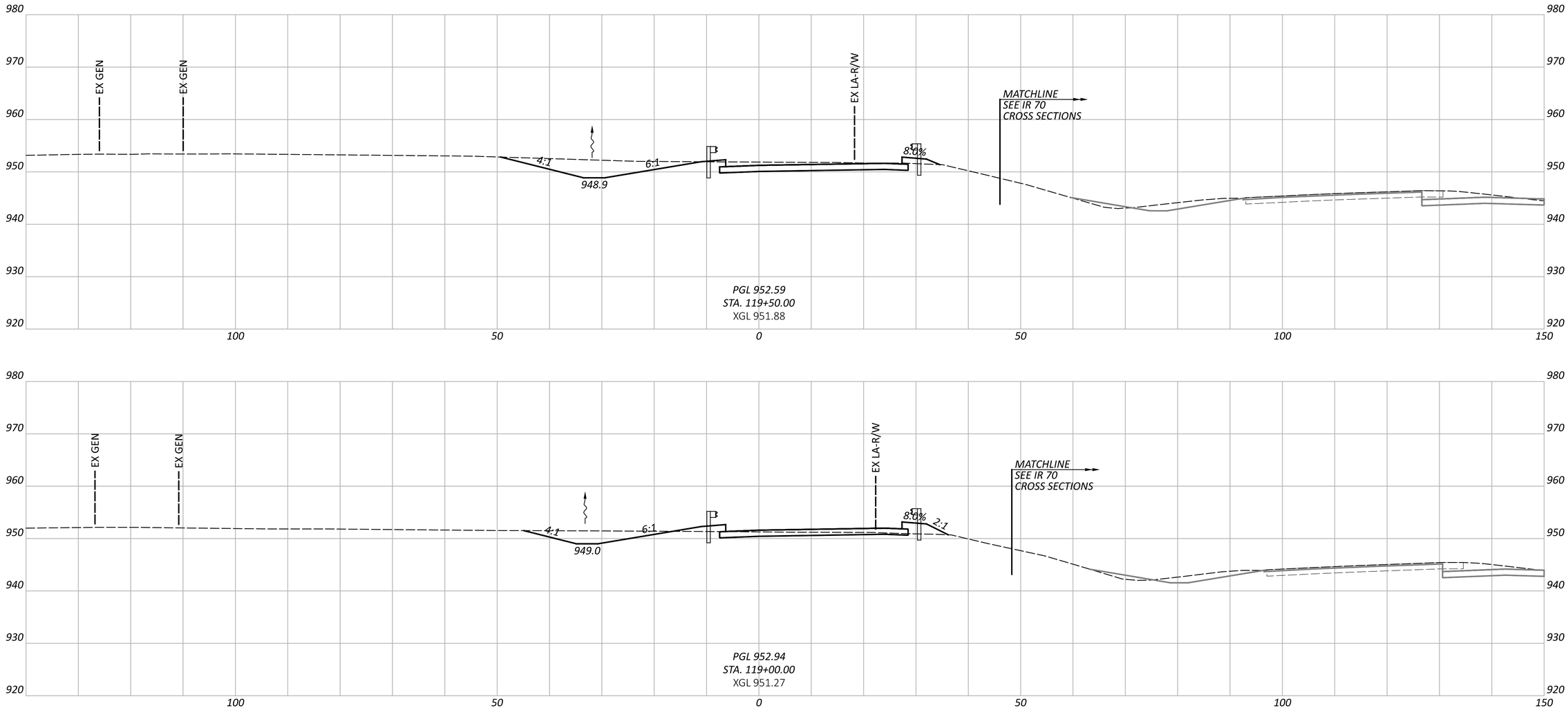
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0837 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
STA. 119+00.00 TO STA. 119+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0838
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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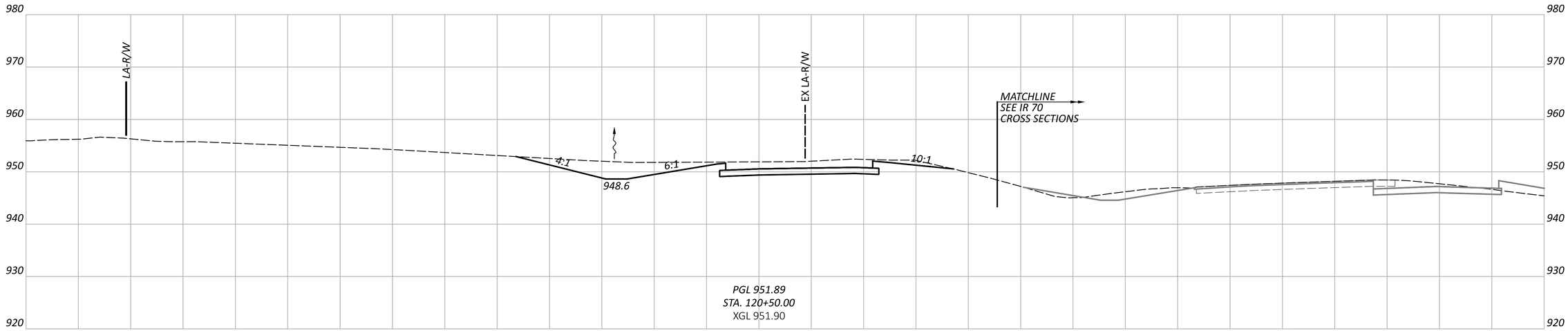
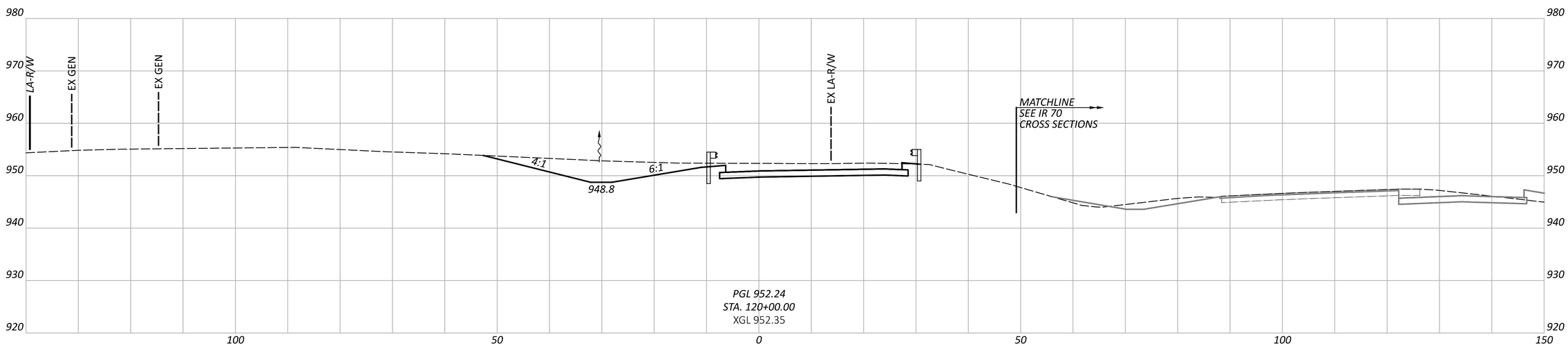
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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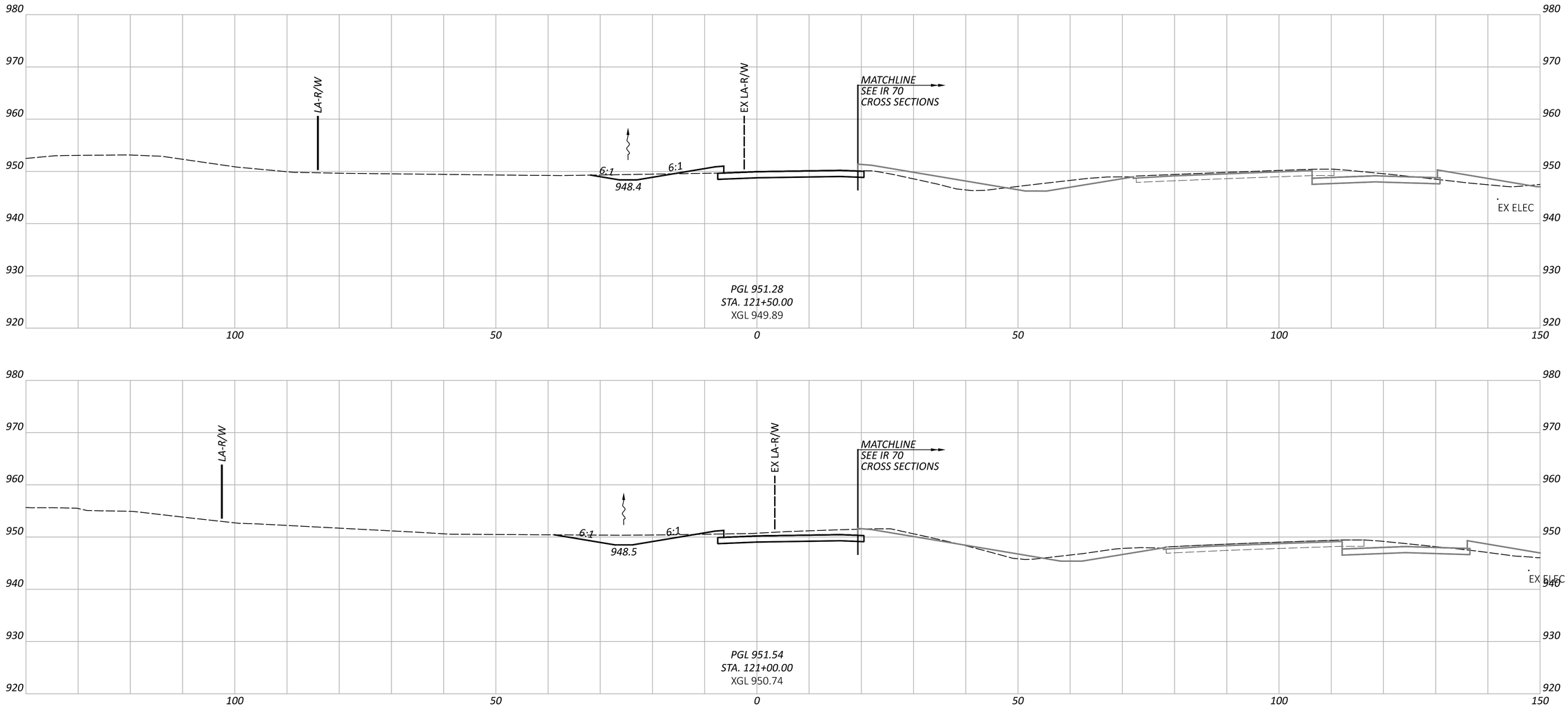
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0839
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

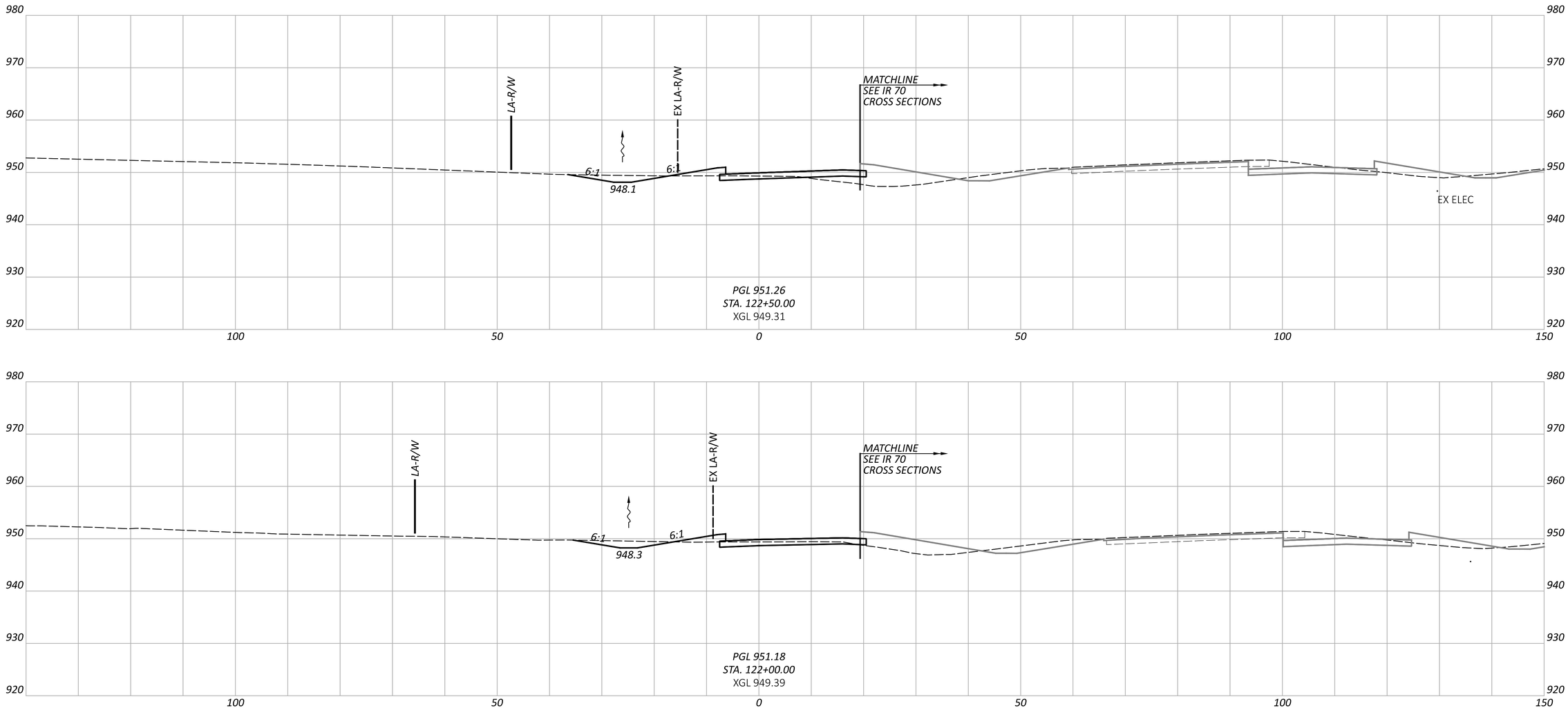
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0840 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
STA. 122+00.00 TO STA. 122+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

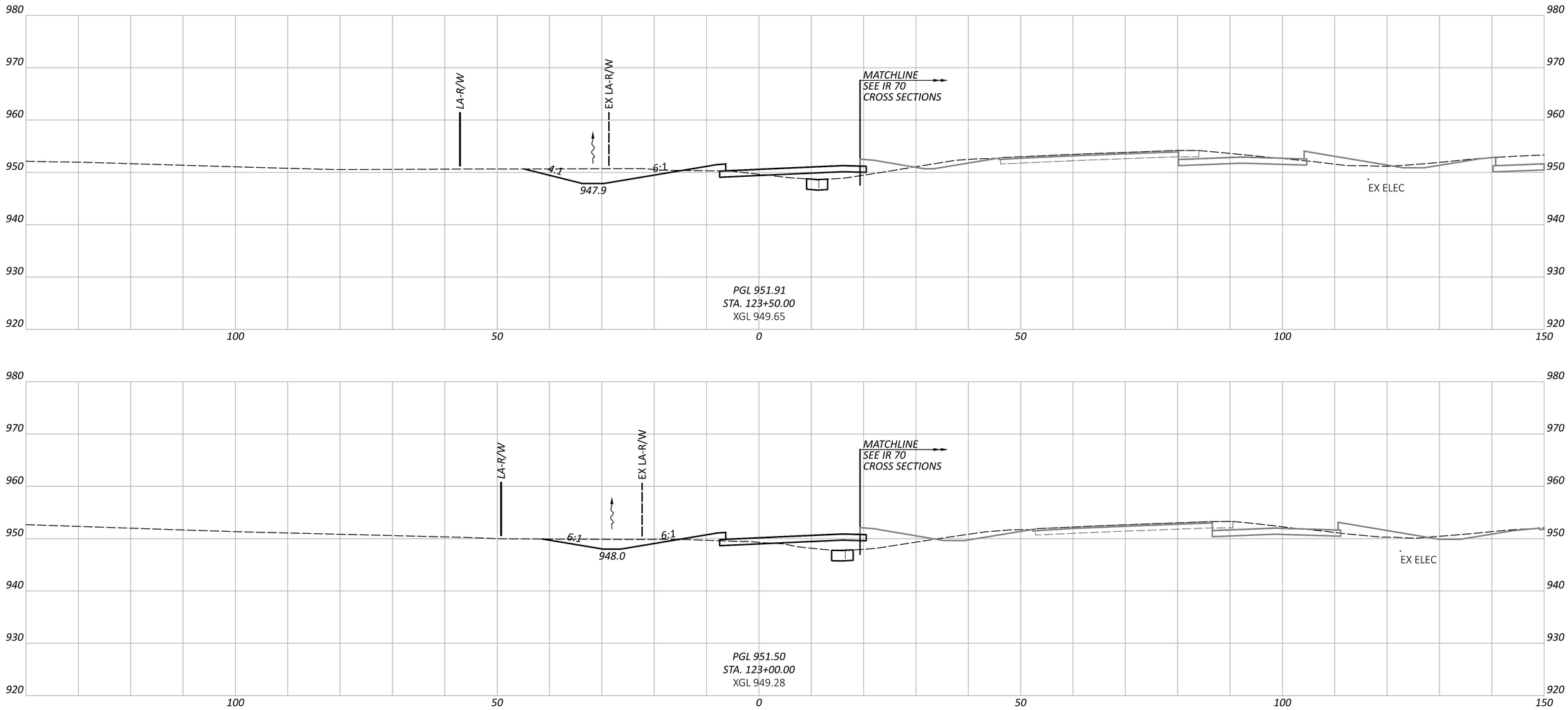
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0841 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
STA. 123+00.00 TO STA. 123+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0842
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - 123+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:42:04 AM USER: brieder
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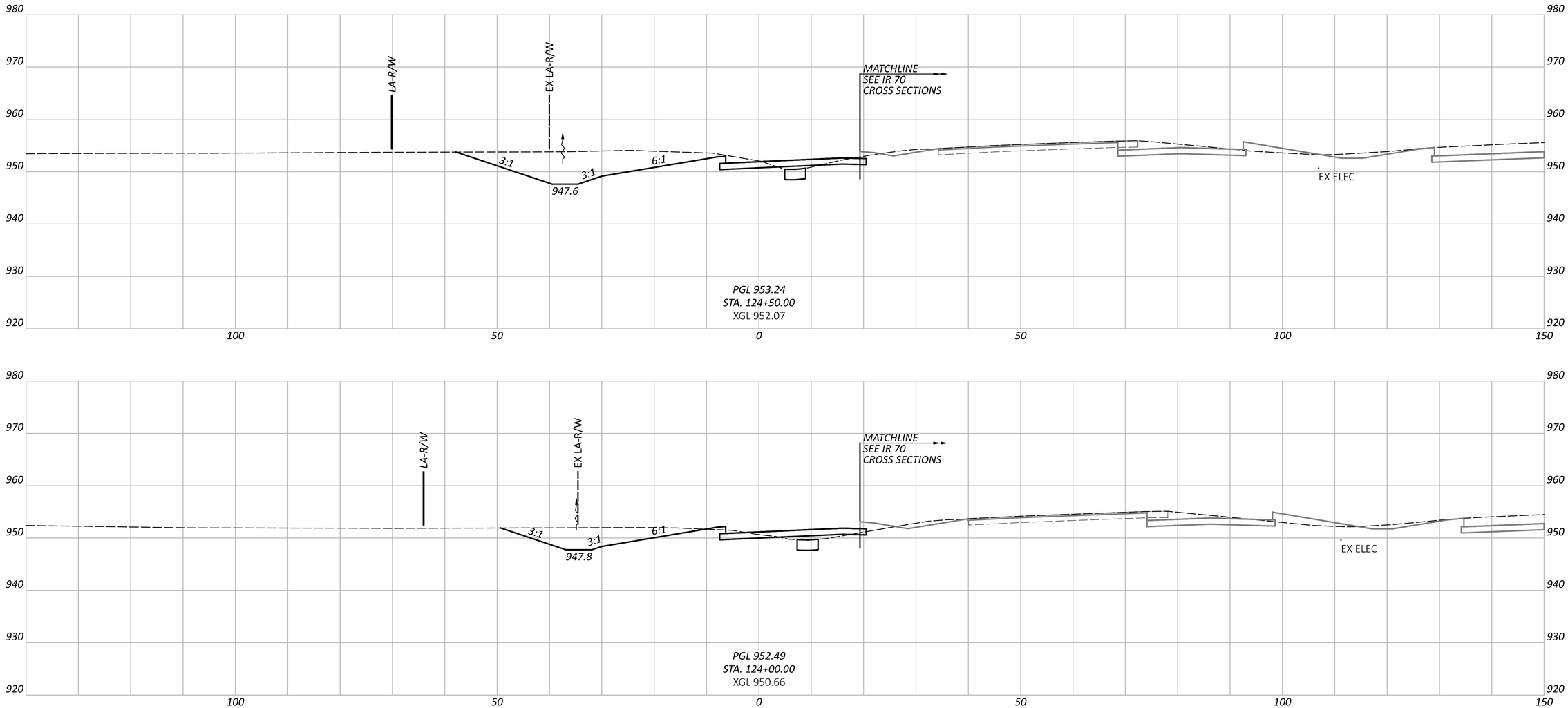
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
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FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

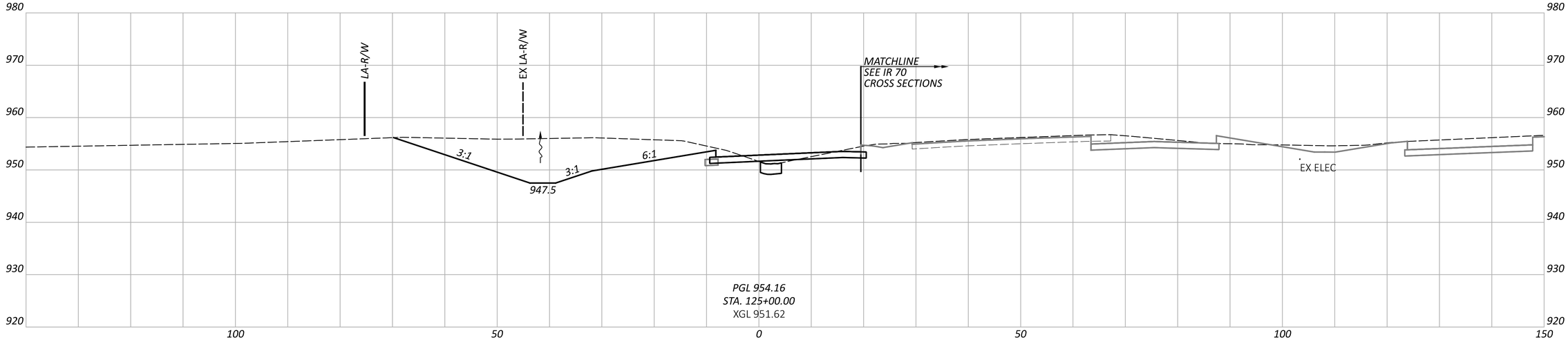
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0843 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP I
STA. 125+00.00

FAI/LIC-IR 70-0.00/0.00

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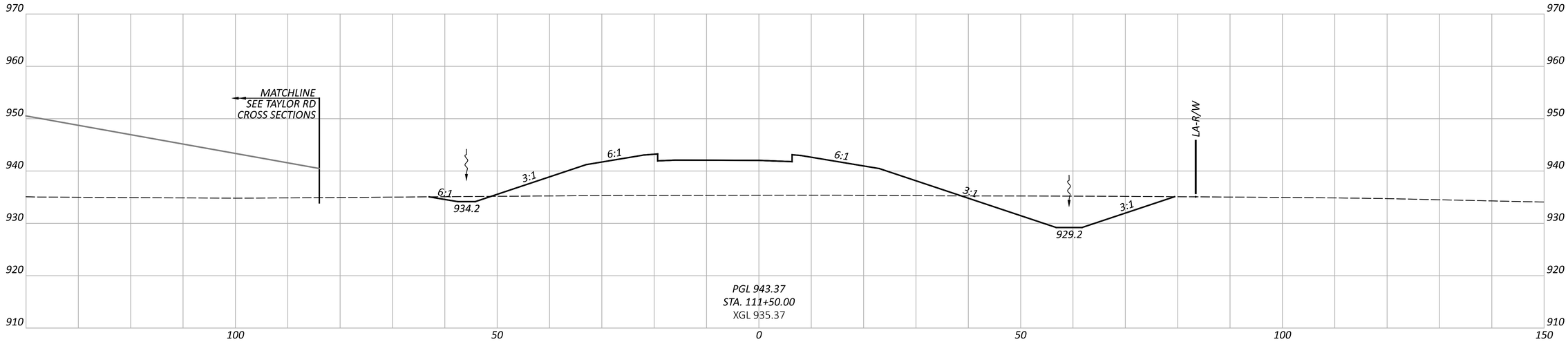
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0844
TOTAL	P.2024



CROSS SECTIONS - RAMP J
STA. 111+00.00 TO STA. 111+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0845 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - RAMP J
STA. 112+00.00 TO STA. 112+50.00

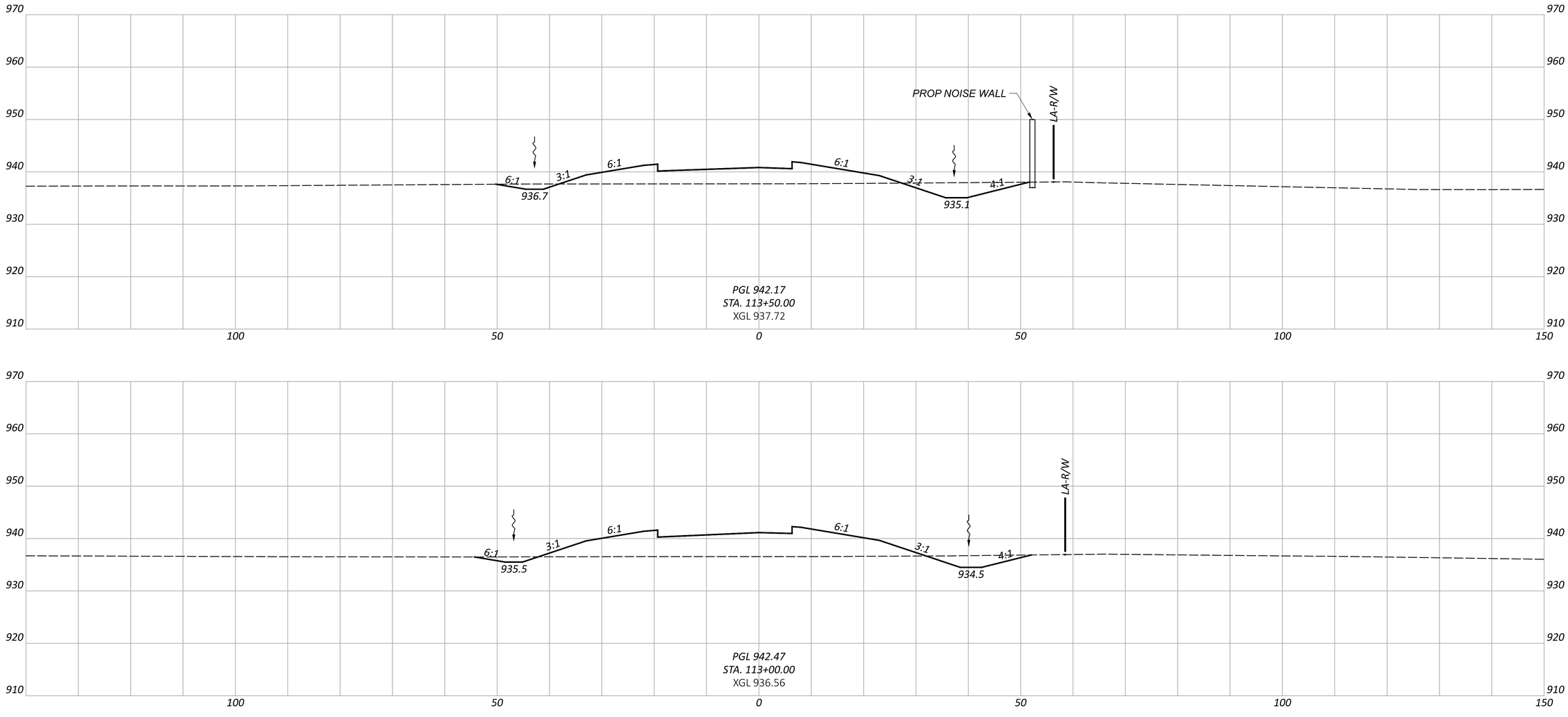
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0846 TOTAL P.2024



CROSS SECTIONS - RAMP J
STA. 113+00.00 TO STA. 113+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

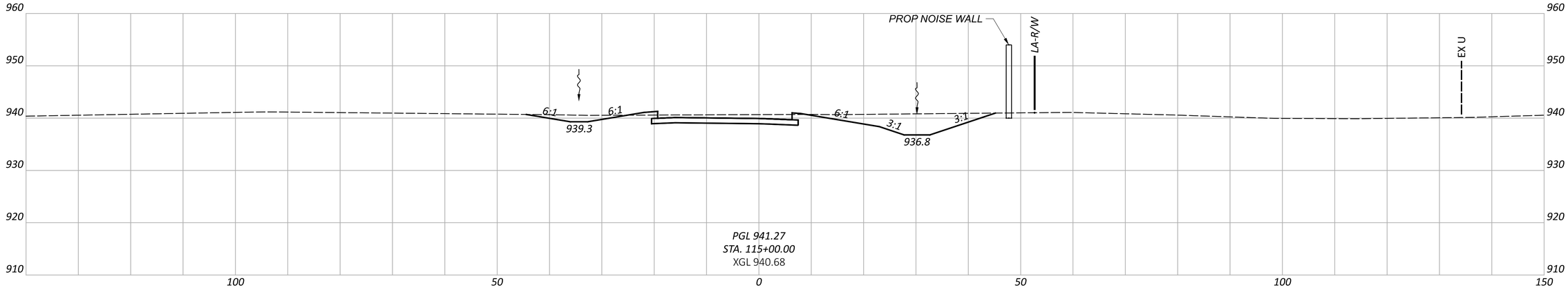
DESIGNER
BER

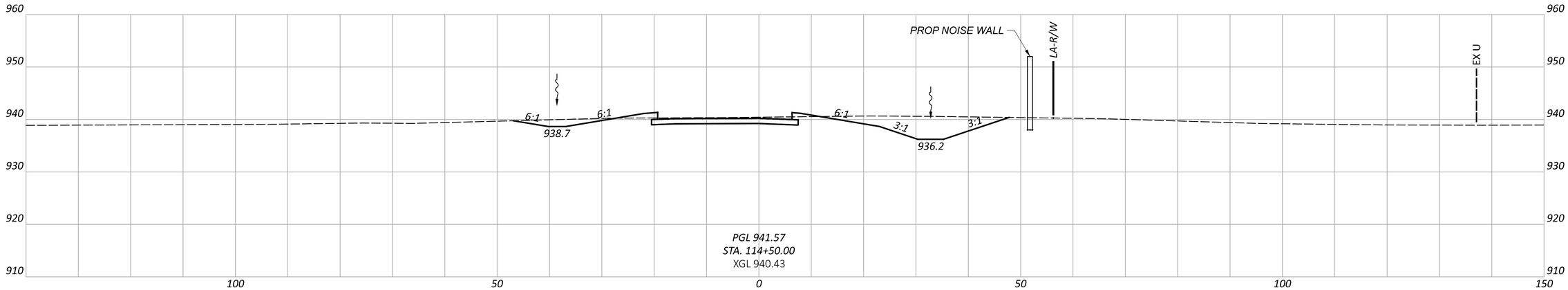
REVIEWER
KAM 08/07/26

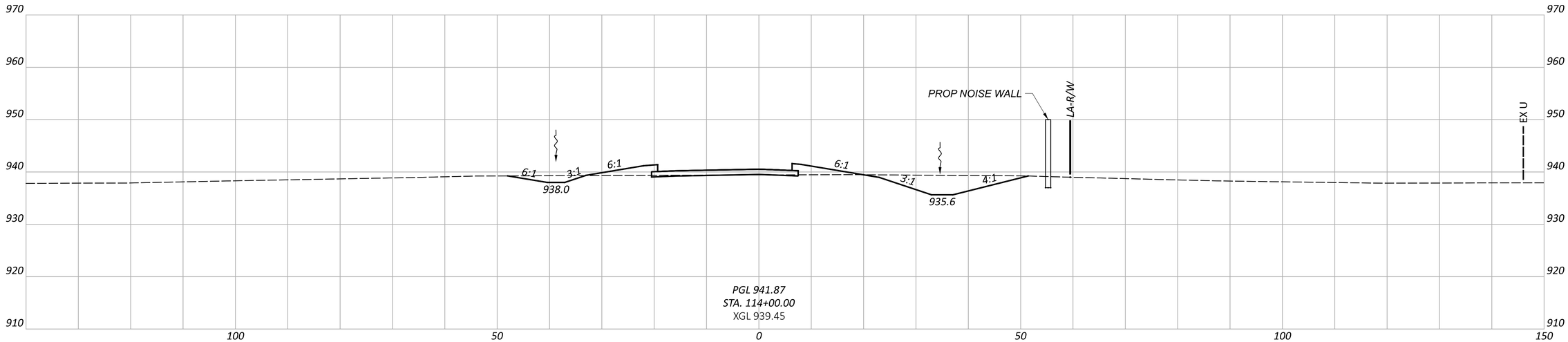
PROJECT ID
96808

SHEET P.0847 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP J
STA. 114+00.00 TO STA. 115+00.00

FAI/LIC-IR 70-0.00/0.00

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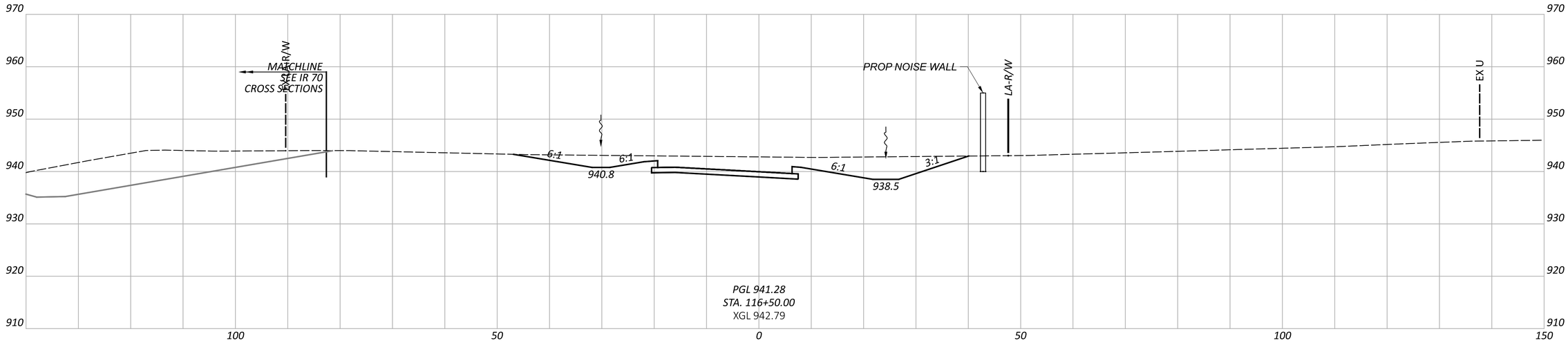
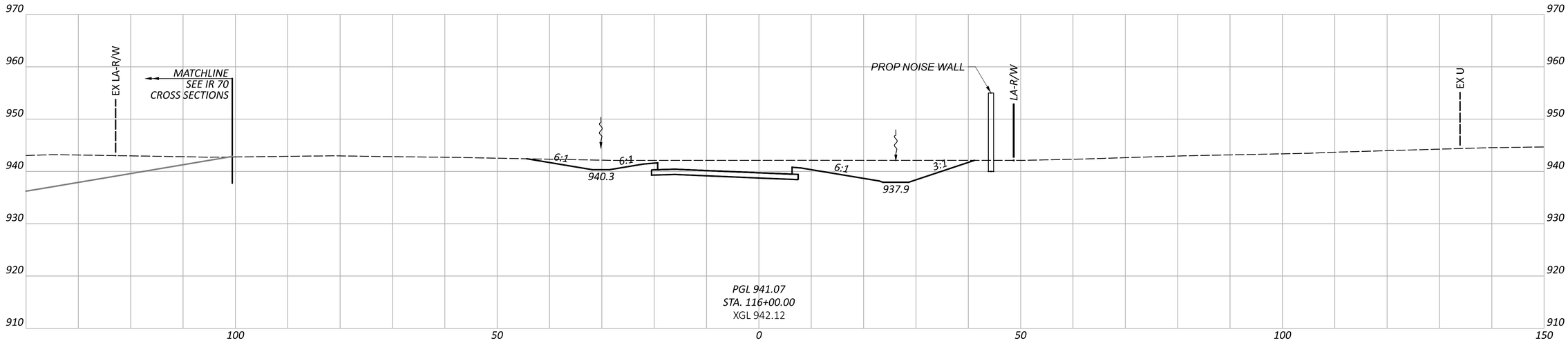
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0848
TOTAL	P.2024

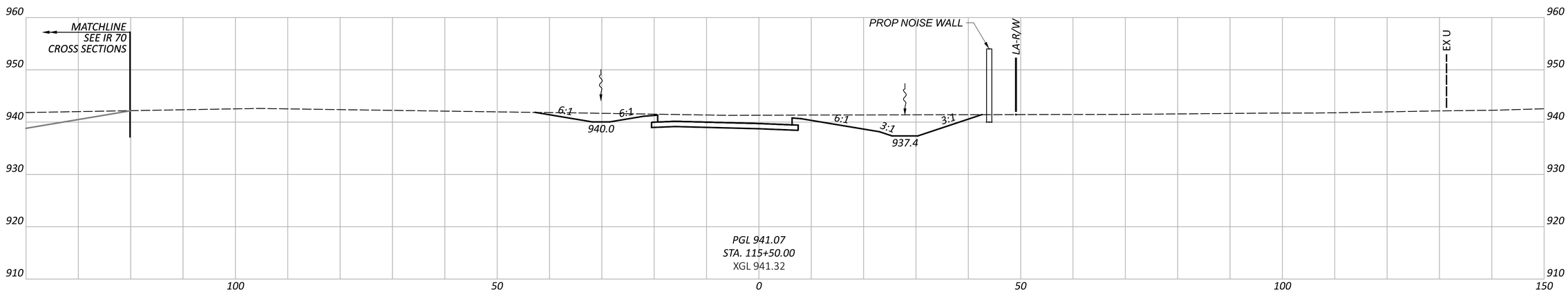
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 941.28
STA. 116+50.00
XGL 942.79



PGL 941.07
STA. 116+00.00
XGL 942.12



PGL 941.07
STA. 115+50.00
XGL 941.32

CROSS SECTIONS - RAMP J
STA. 115+50.00 TO STA. 116+50.00

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0849
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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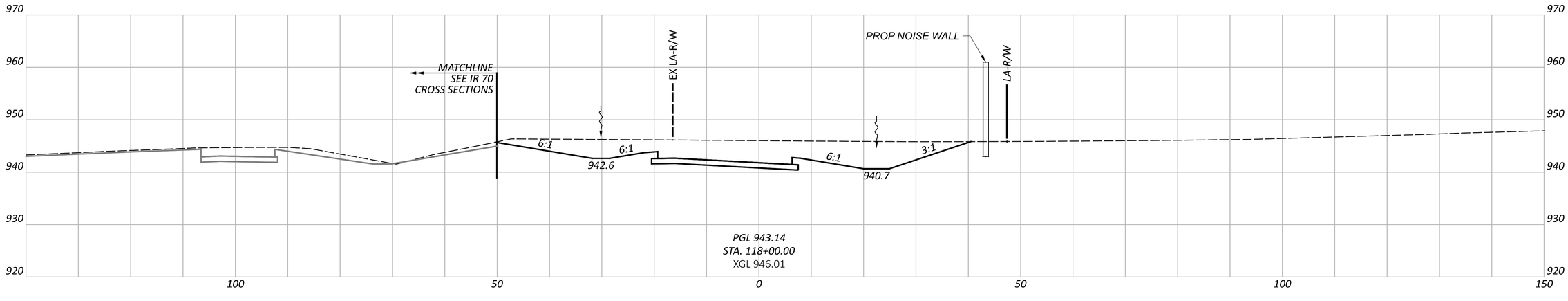
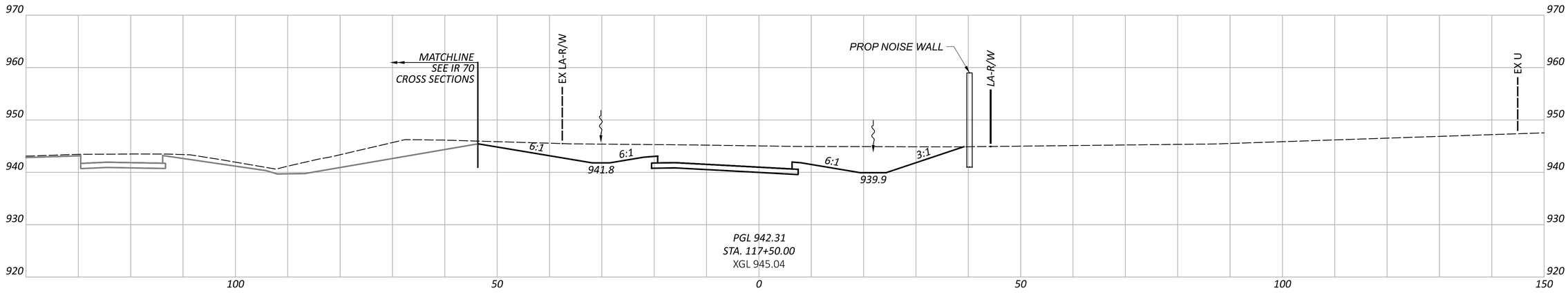
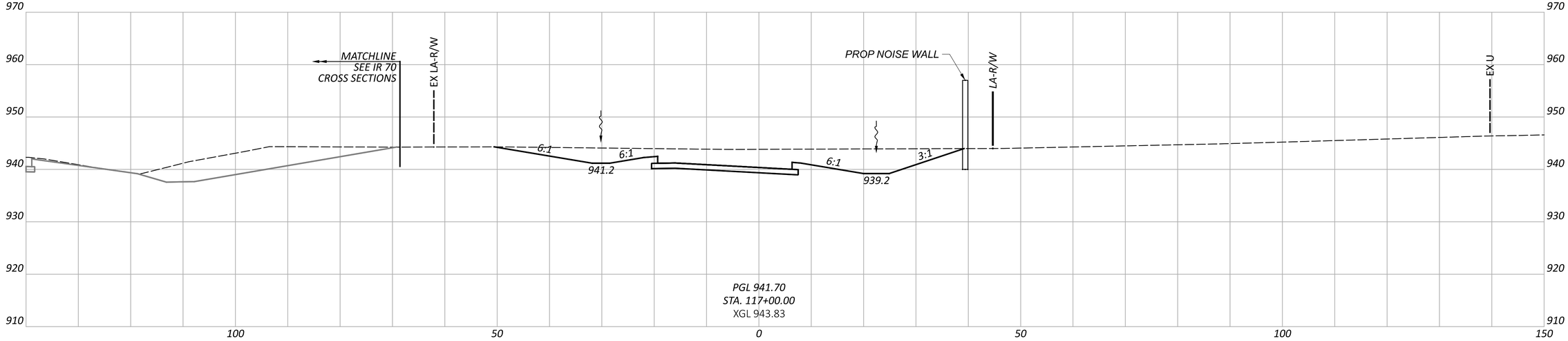
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 943.14
STA. 118+00.00
XGL 946.01



PGL 942.31
STA. 117+50.00
XGL 945.04



PGL 941.70
STA. 117+00.00
XGL 943.83

CROSS SECTIONS - RAMP J
STA. 117+00.00 TO STA. 118+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - 117+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:44:00 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS290.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

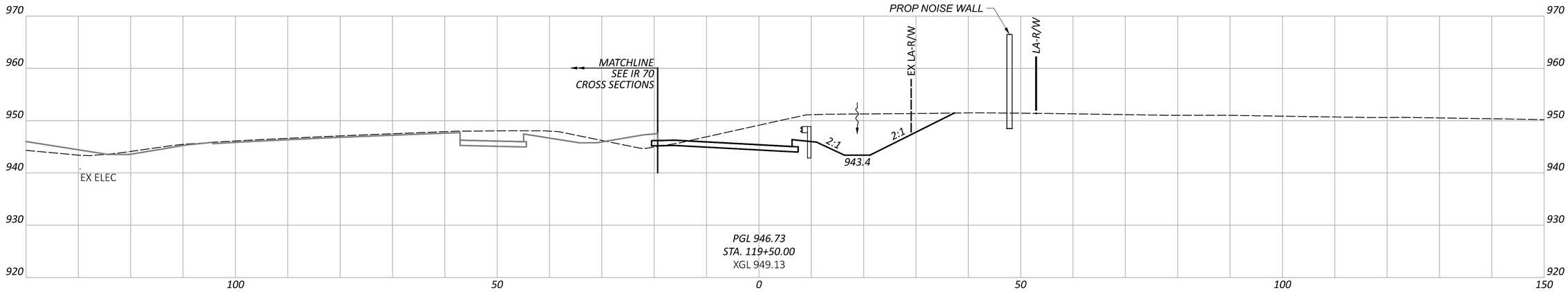
DESIGNER
BER

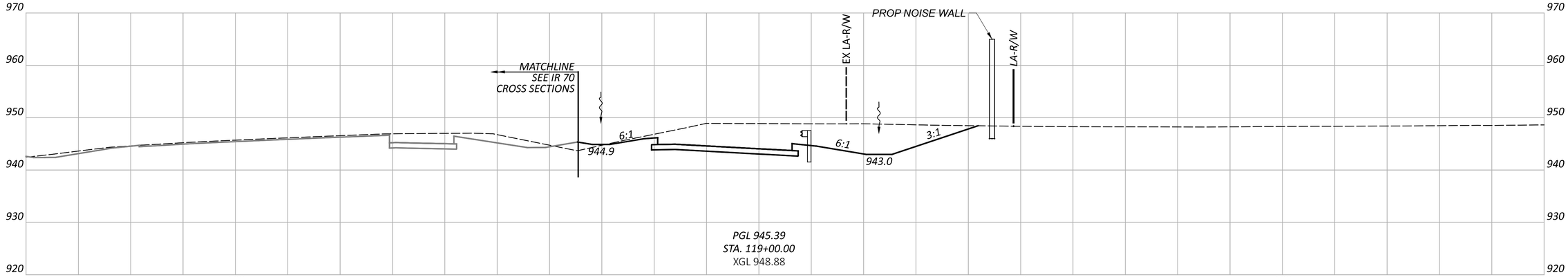
REVIEWER
KAM 08/07/26

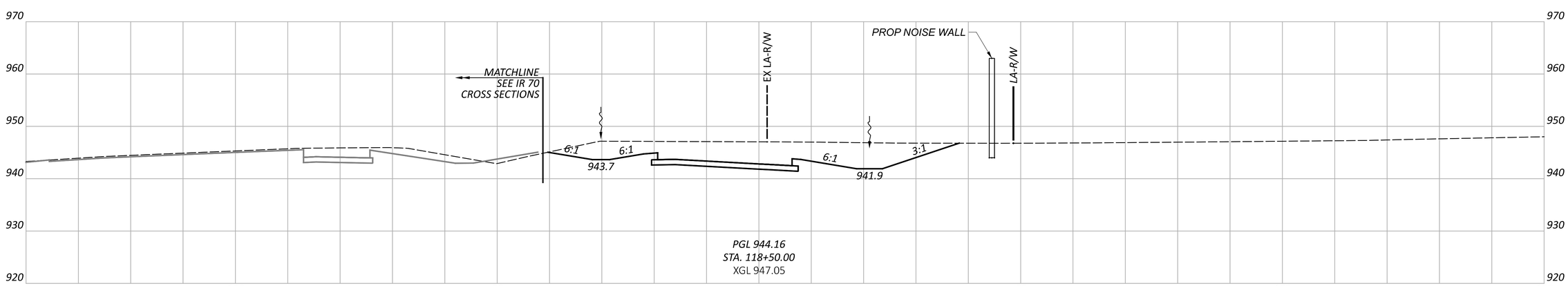
PROJECT ID
96808

SHEET P.0850 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP J
STA. 118+50.00 TO STA. 119+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0851 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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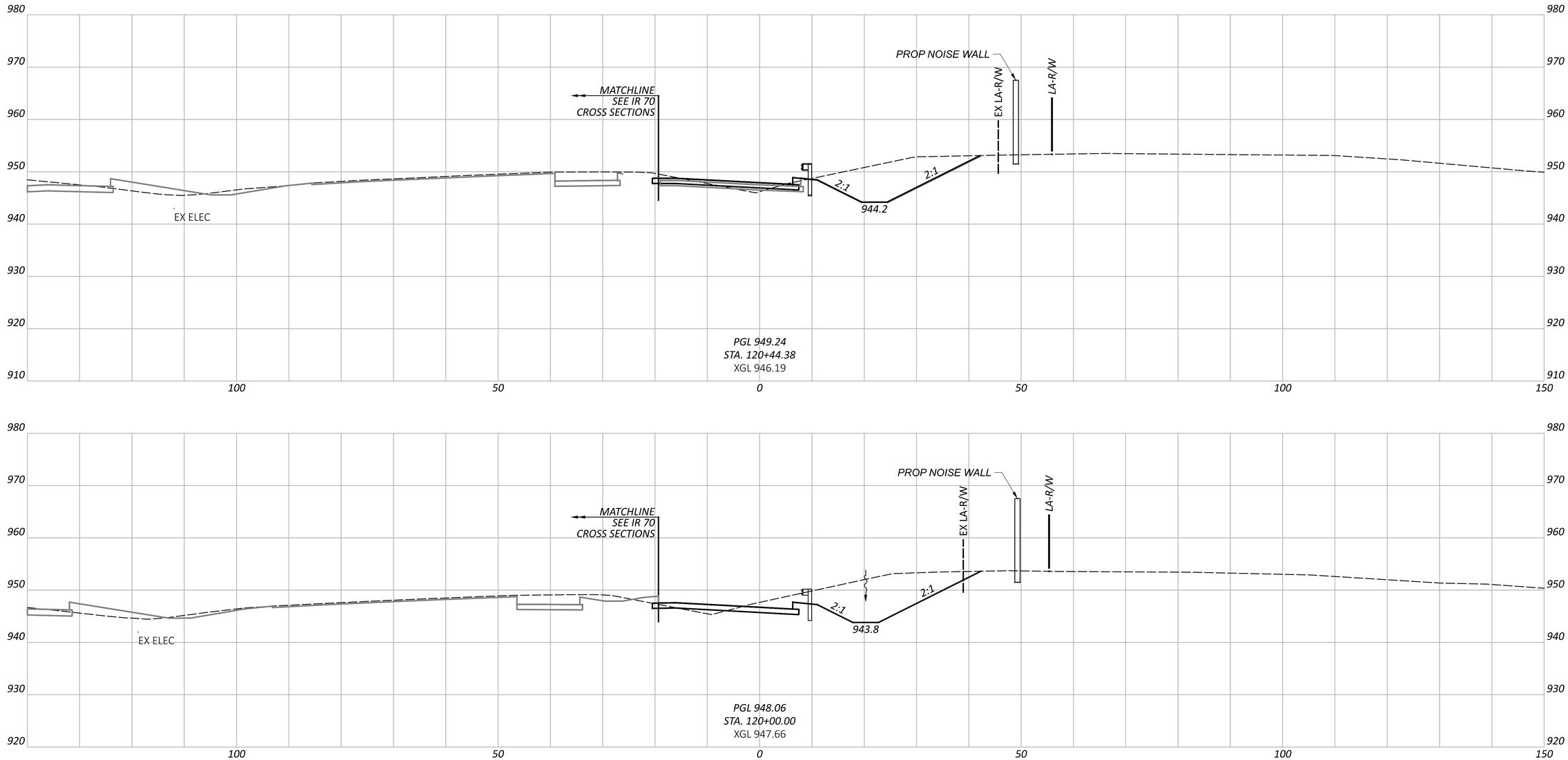
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP J
STA. 120+00.00 TO STA. 120+44.38

FAI/LIC-IR 70-0.00/0.00

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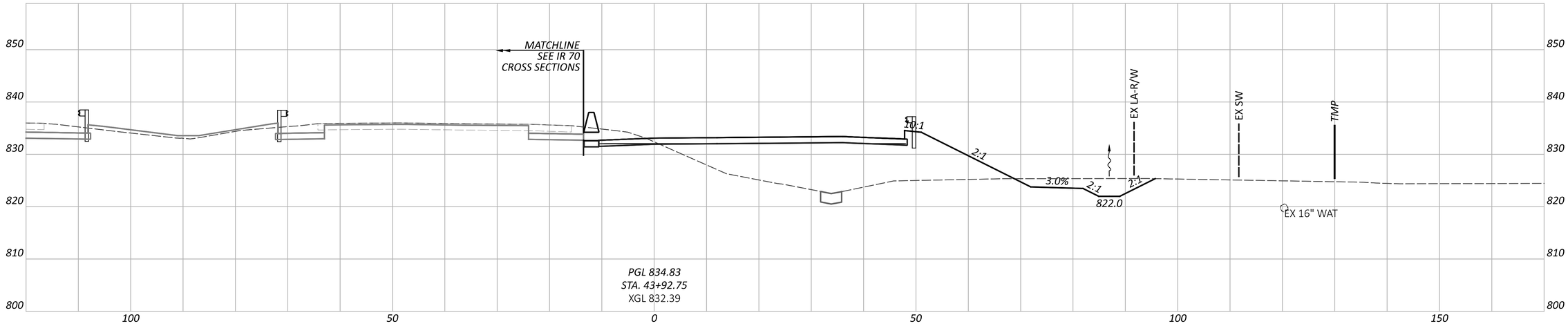
DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

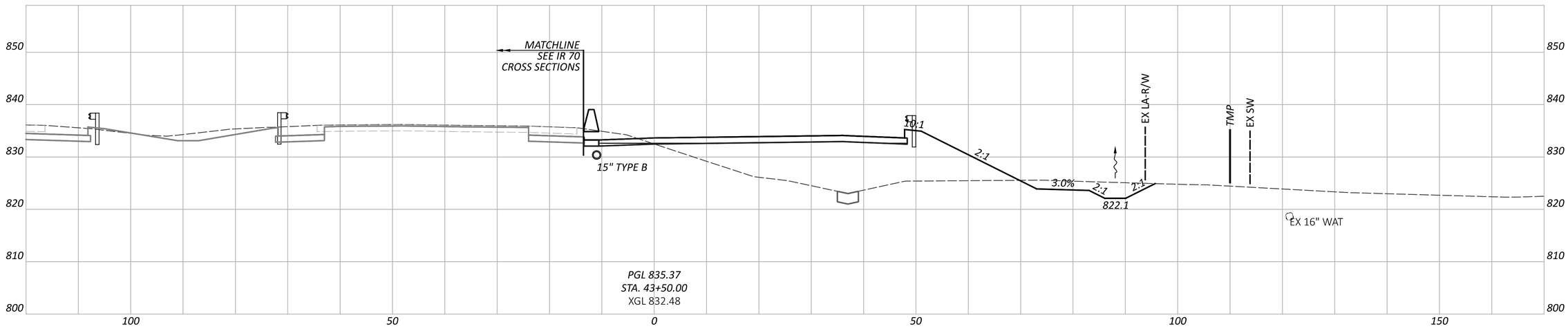
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0852
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

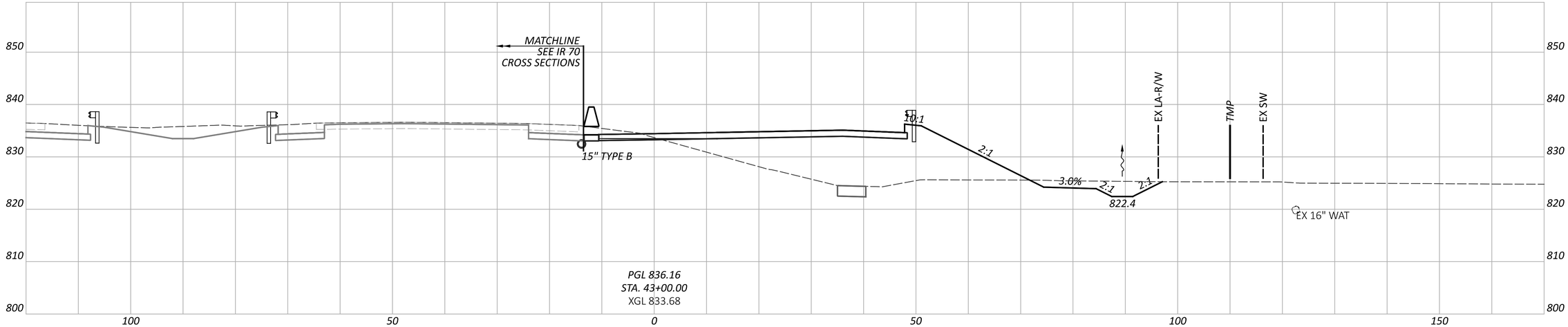
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 834.83
STA. 43+92.75
XGL 832.39



PGL 835.37
STA. 43+50.00
XGL 832.48



PGL 836.16
STA. 43+00.00
XGL 833.68

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP K
STA. 43+00.00 TO STA. 43+92.75

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 43+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:44:56 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

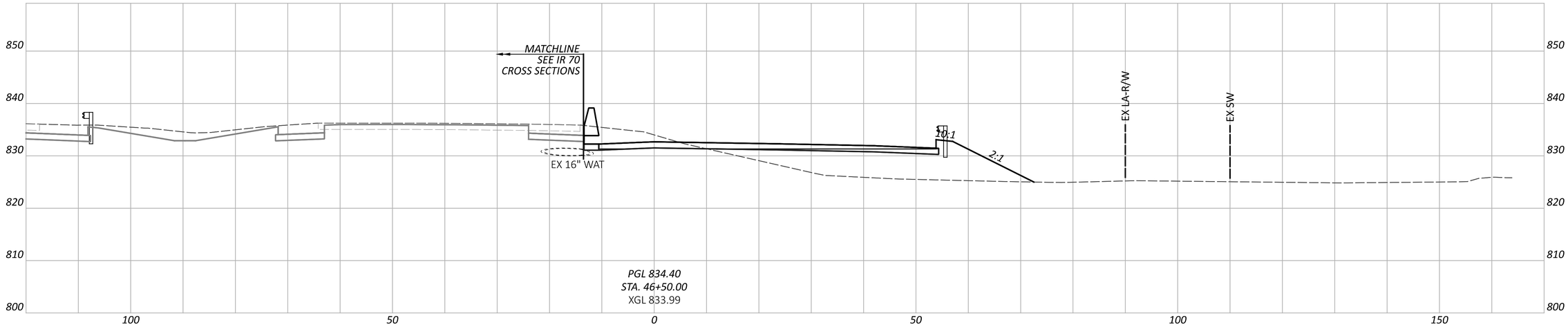
DESIGNER
BER

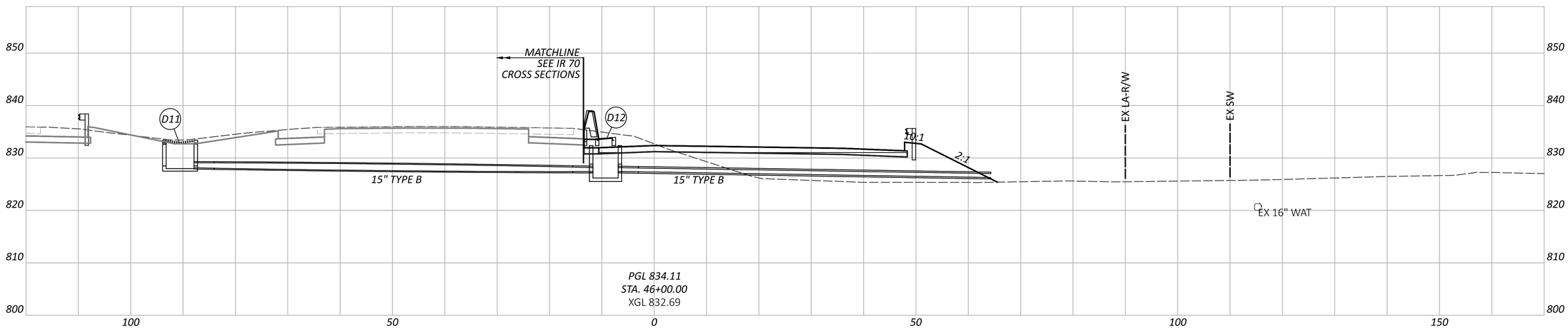
REVIEWER
KAM 08/07/26

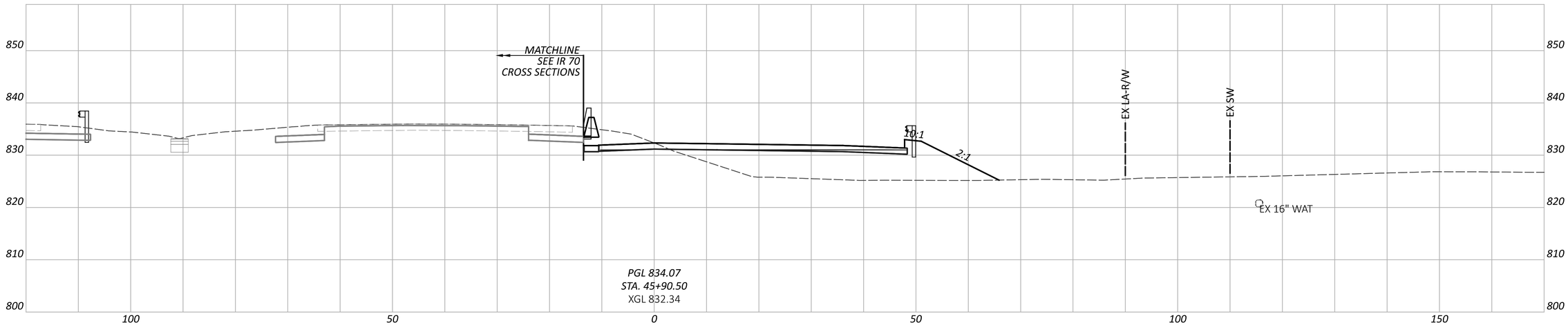
PROJECT ID
96808

SHEET P.0853 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 45+90.50 TO STA. 46+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0854 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 45+90.50 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:07 AM USER: brieder
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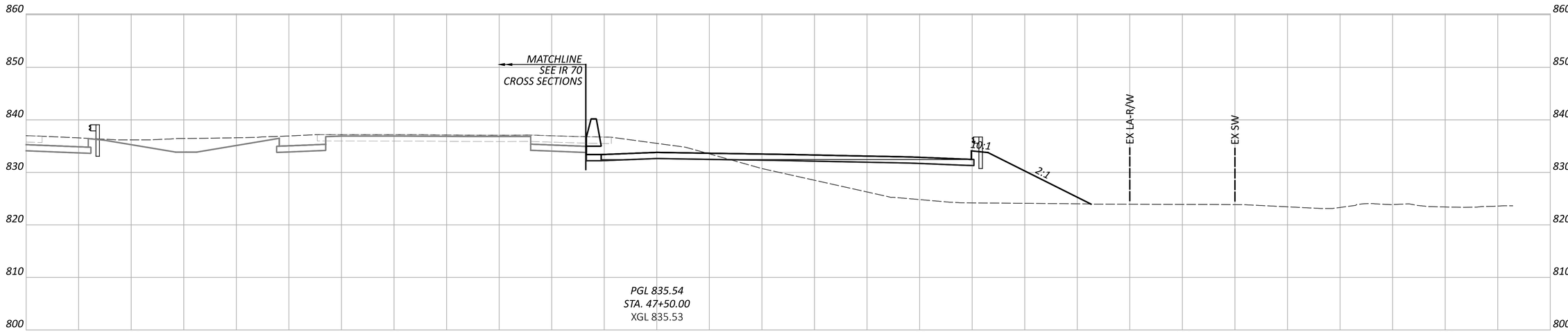
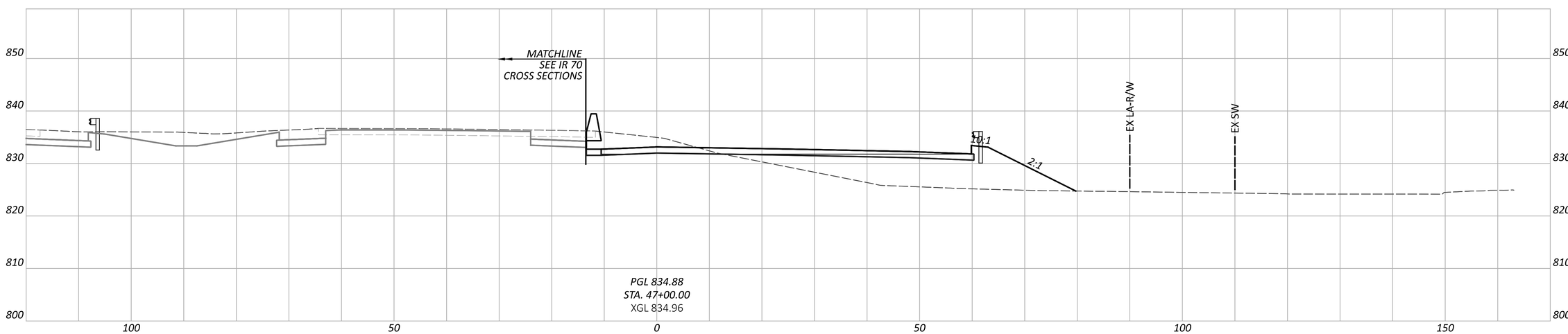
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 47+00.00 TO STA. 47+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 47+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:18 AM USER: brieder
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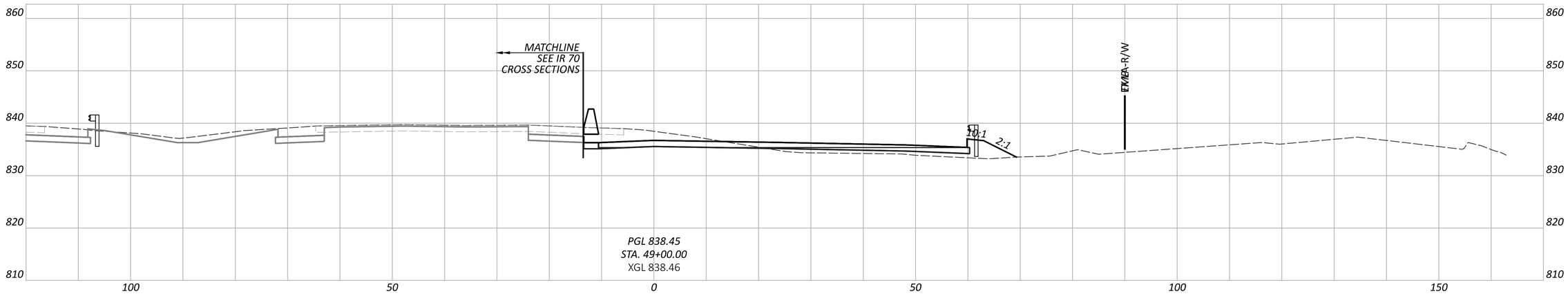
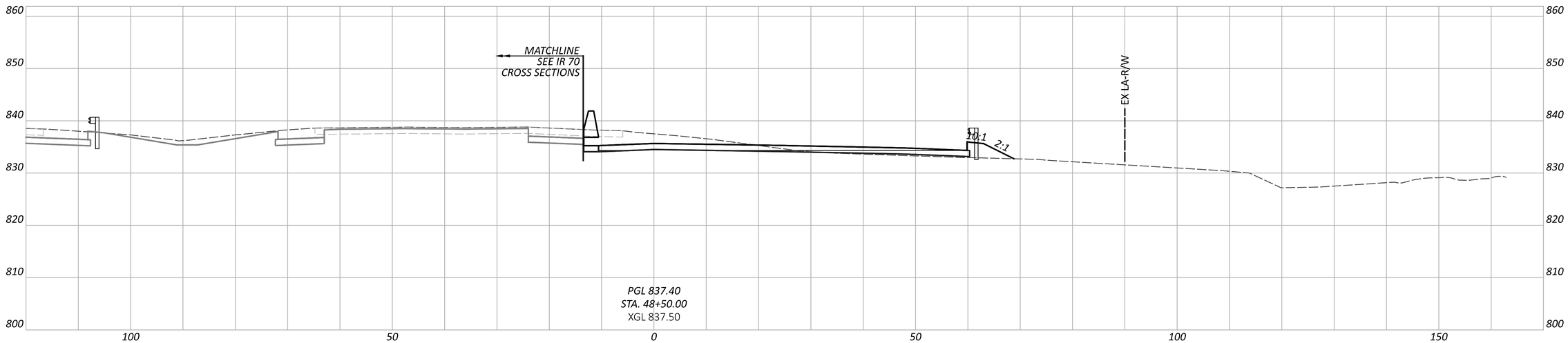
DESIGN AGENCY
AMEREN STRUCTUREPOINT INC.

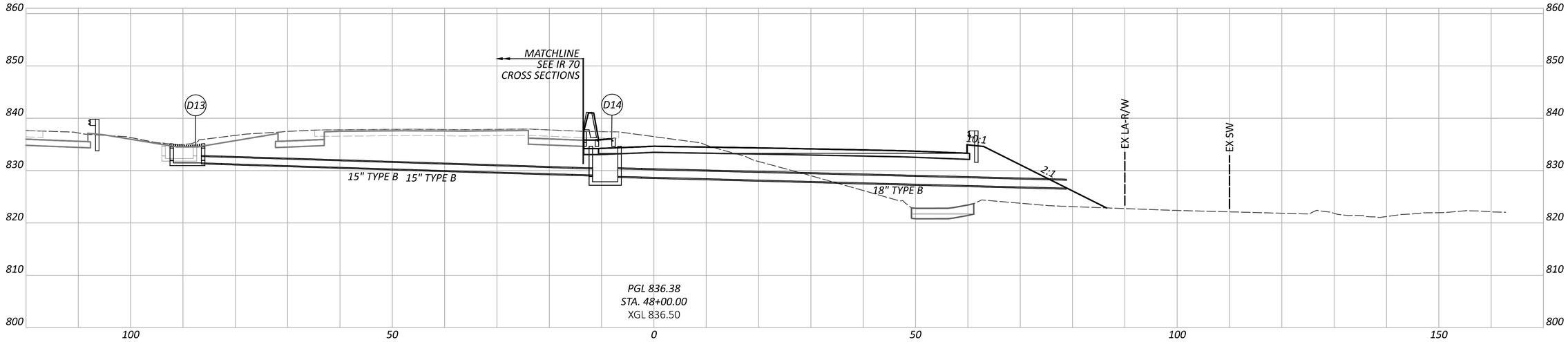
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0855
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 $DC209

CROSS SECTIONS - RAMP K
STA. 48+00.00 TO STA. 49+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 48+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:25 AM USER: brieder
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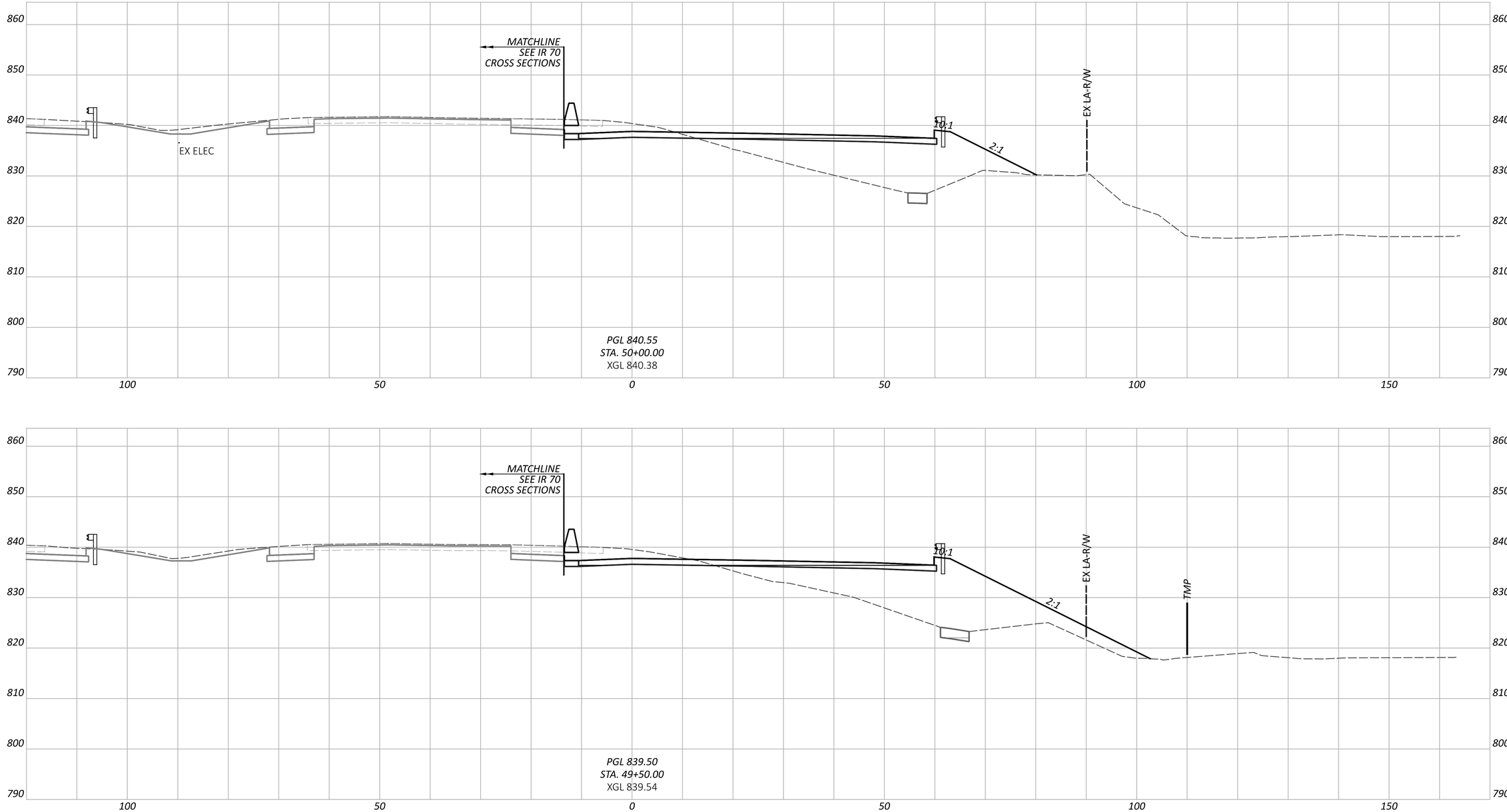
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0856
TOTAL	P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 49+50.00 TO STA. 50+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0857 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OK - 49+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:37 AM USER: brieder
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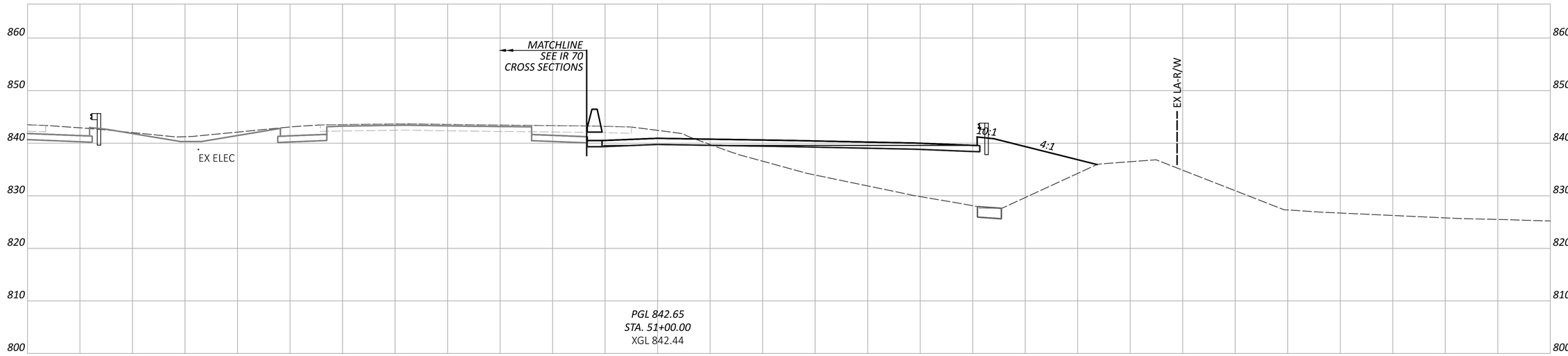
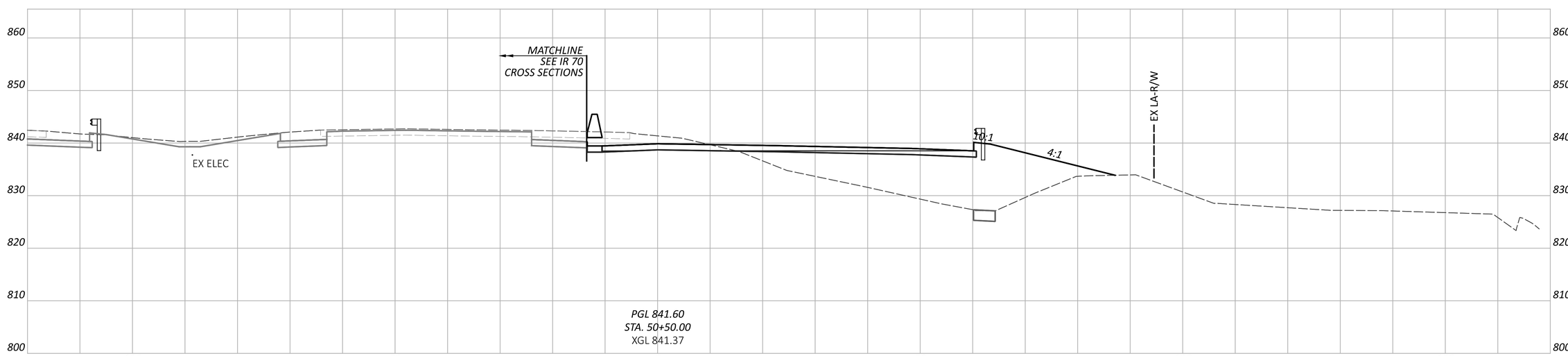
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 50+50.00 TO STA. 51+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 50+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:44 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

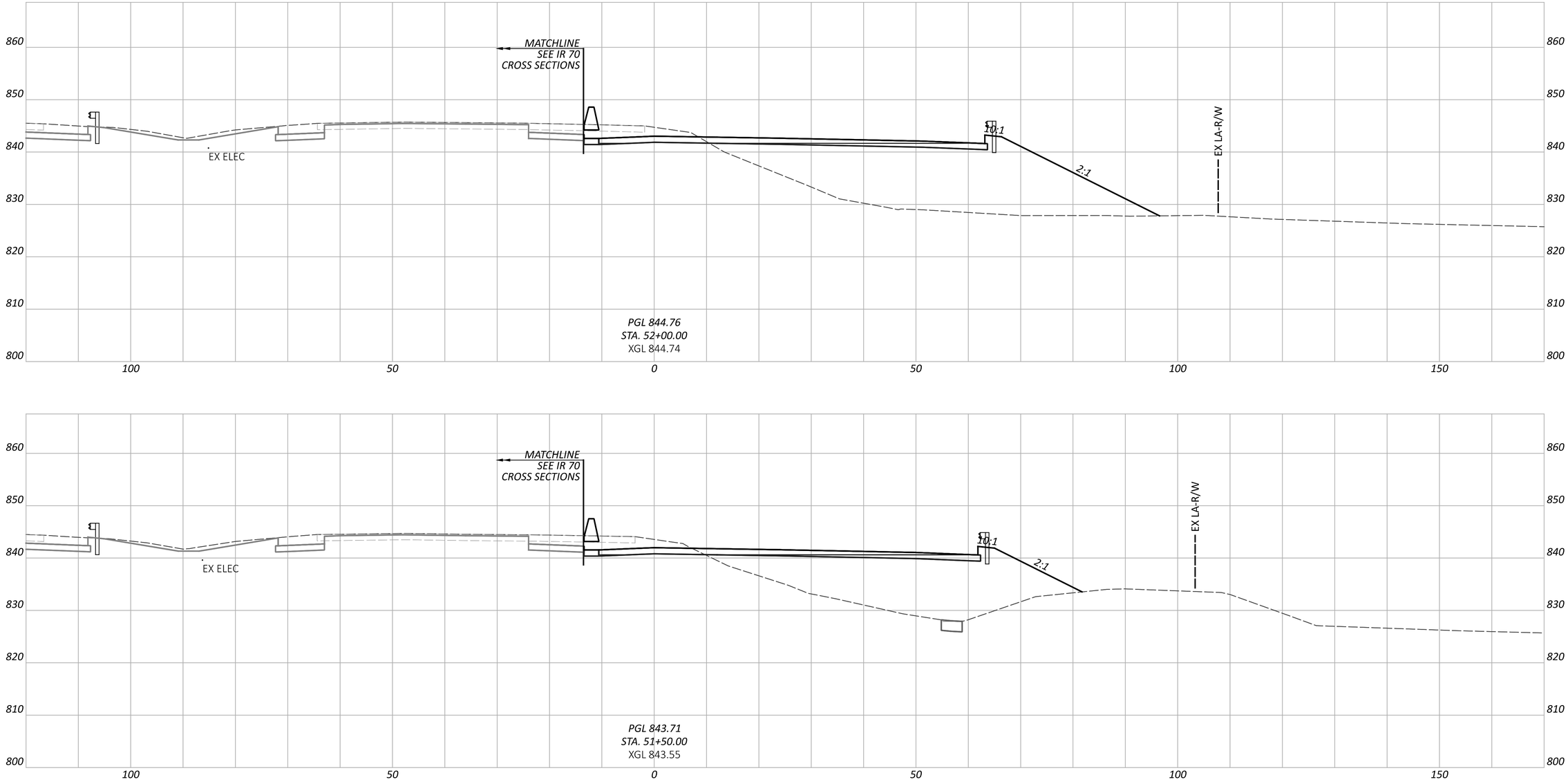
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0858 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 51+50.00 TO STA. 52+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 51+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:51 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

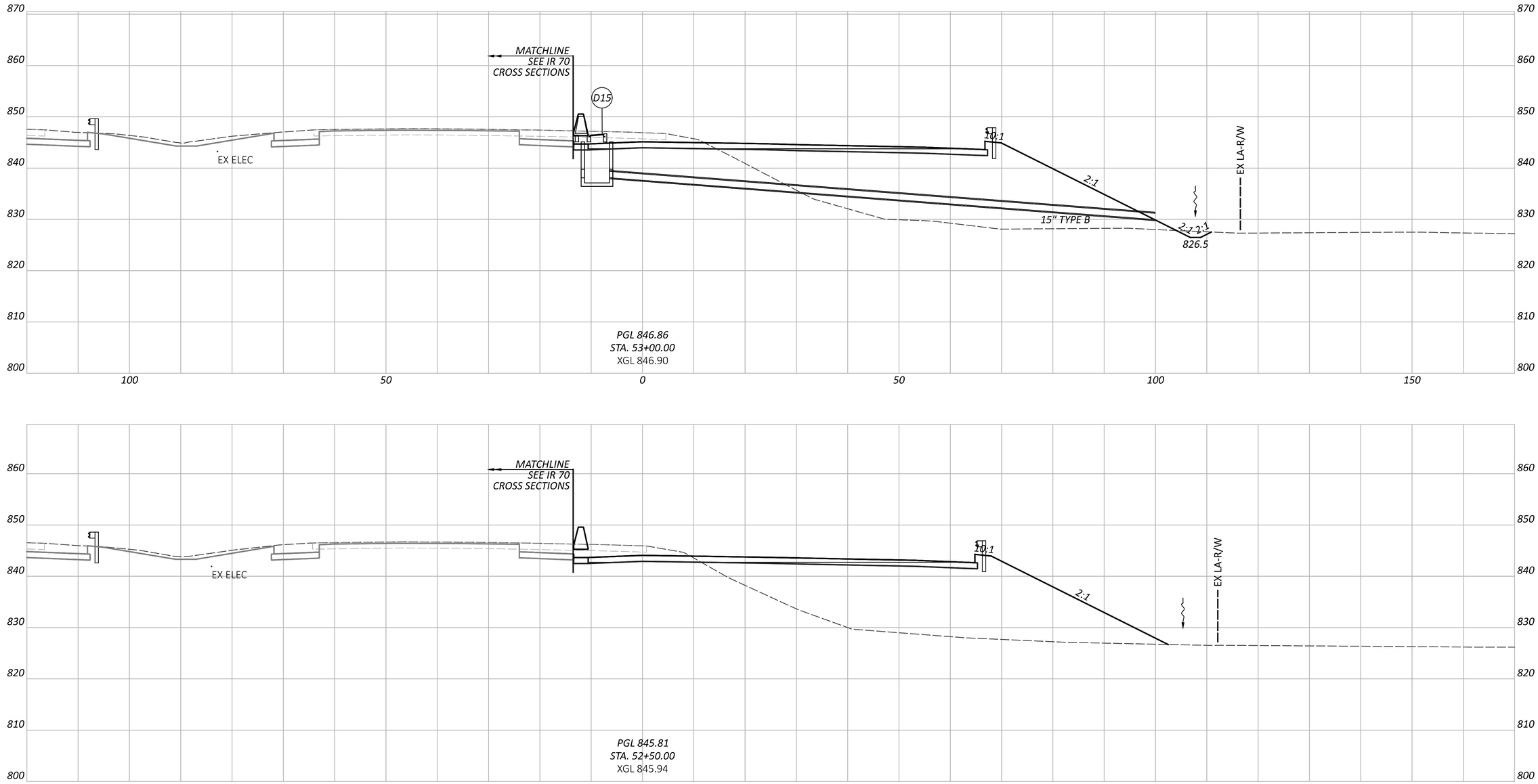
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0859 | TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 52+50.00 TO STA. 53+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 52+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:58 AM USER: brieder
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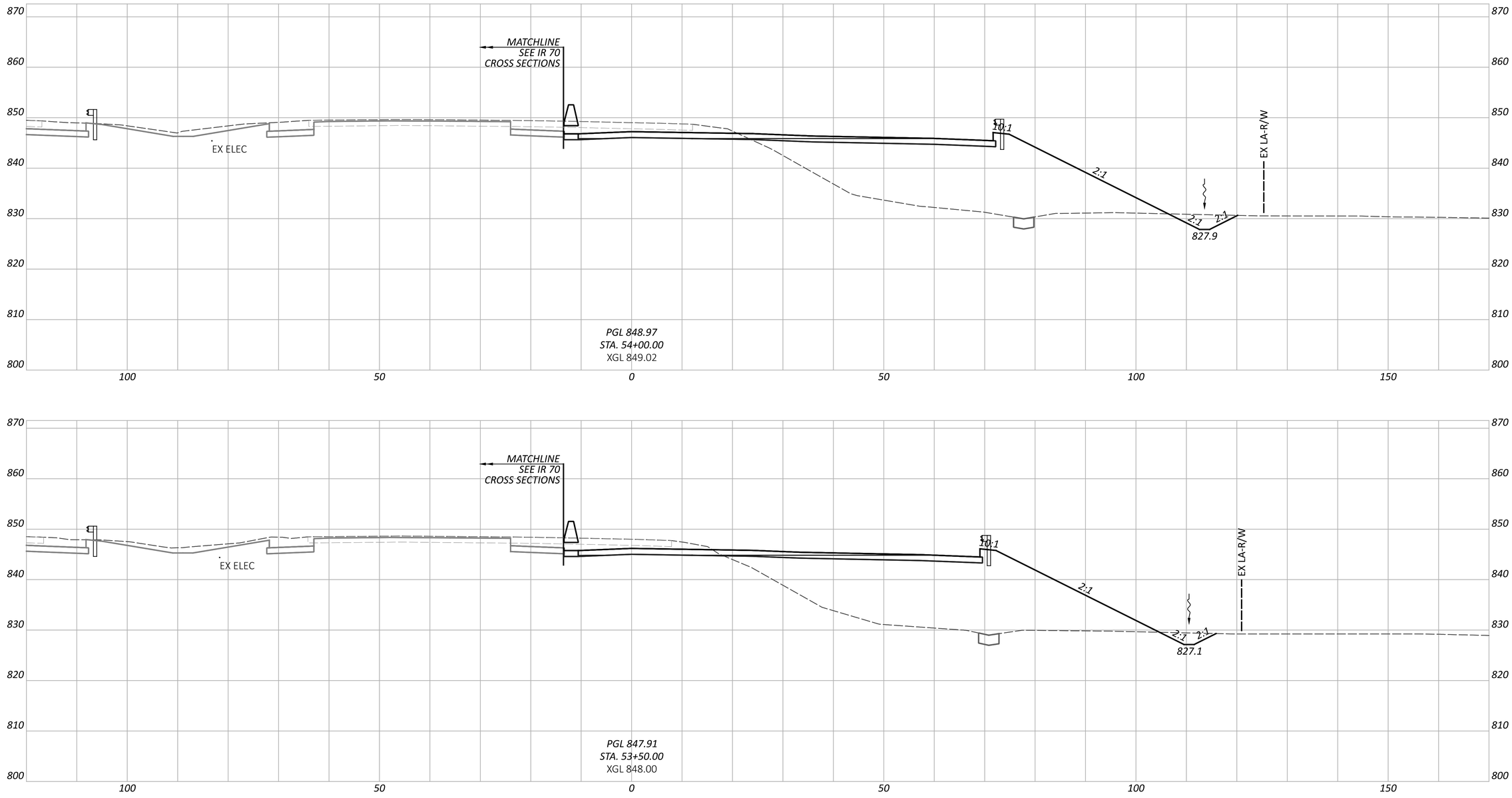
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0860
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 53+50.00 TO STA. 54+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0861 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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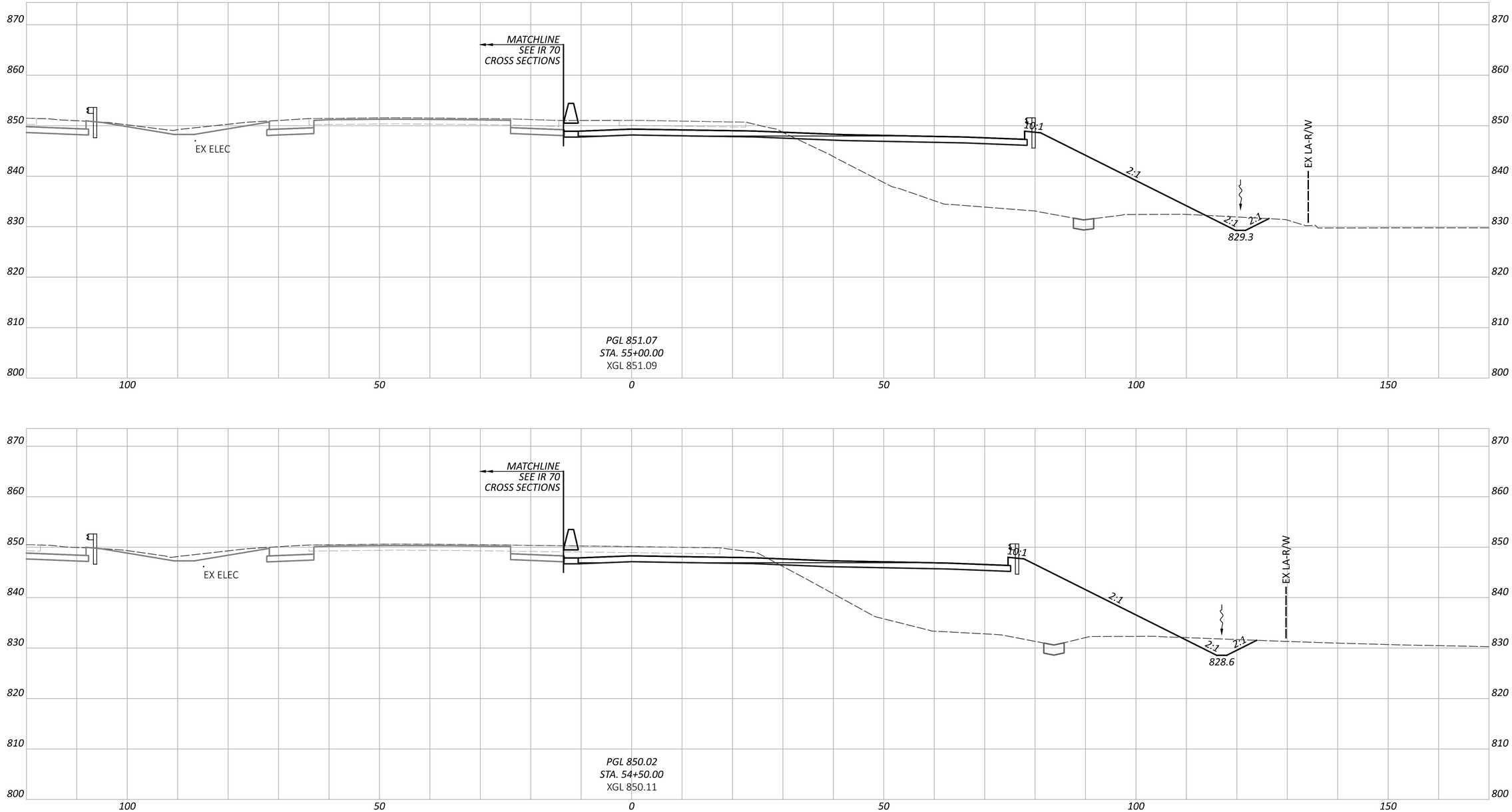
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 54+50.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 54+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:10 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

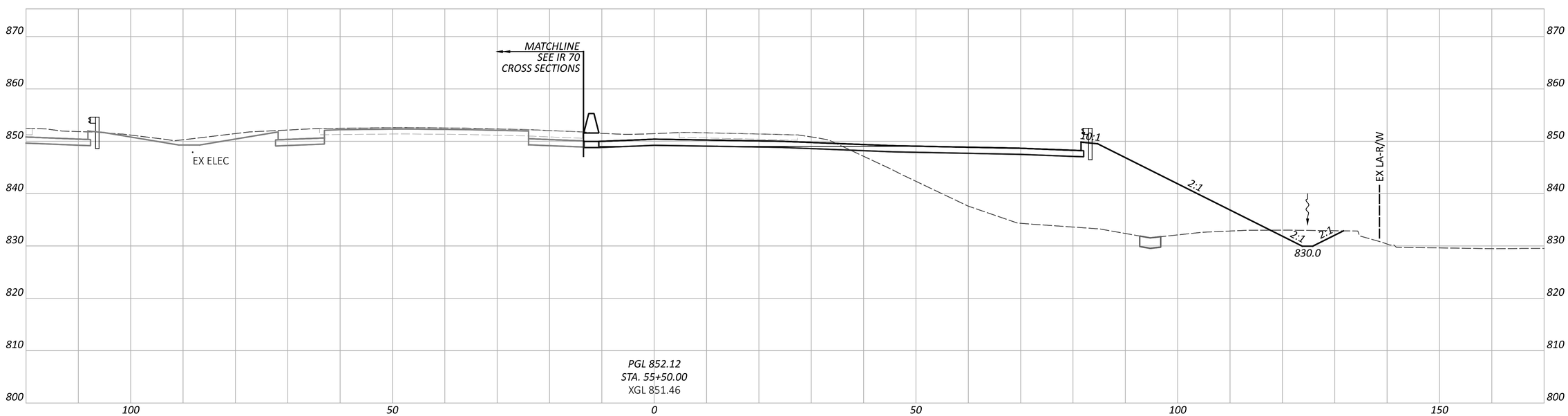
PROJECT ID
96808

SHEET P.0862 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP K
STA. 55+50.00 TO STA. 56+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 55+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:16 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

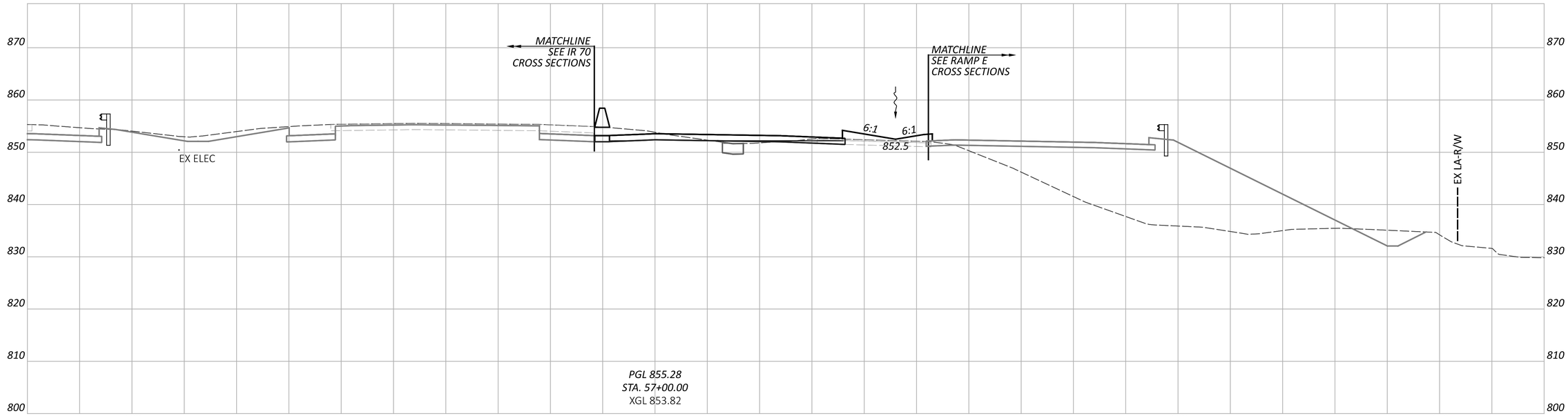
PROJECT ID
96808

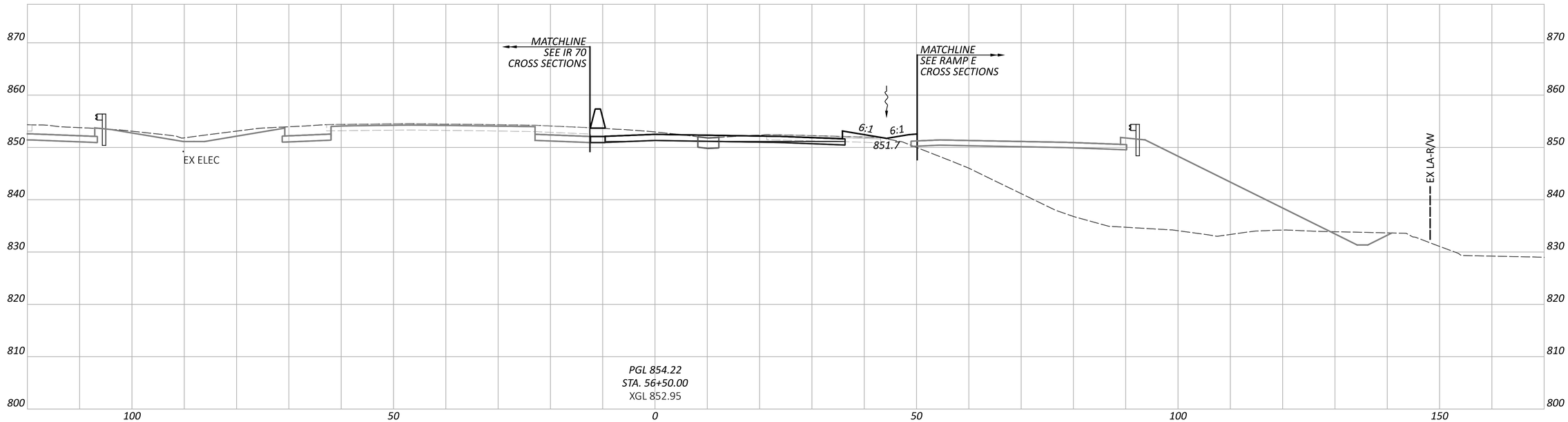
SHEET P.0863 TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 56+50.00 TO STA. 57+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

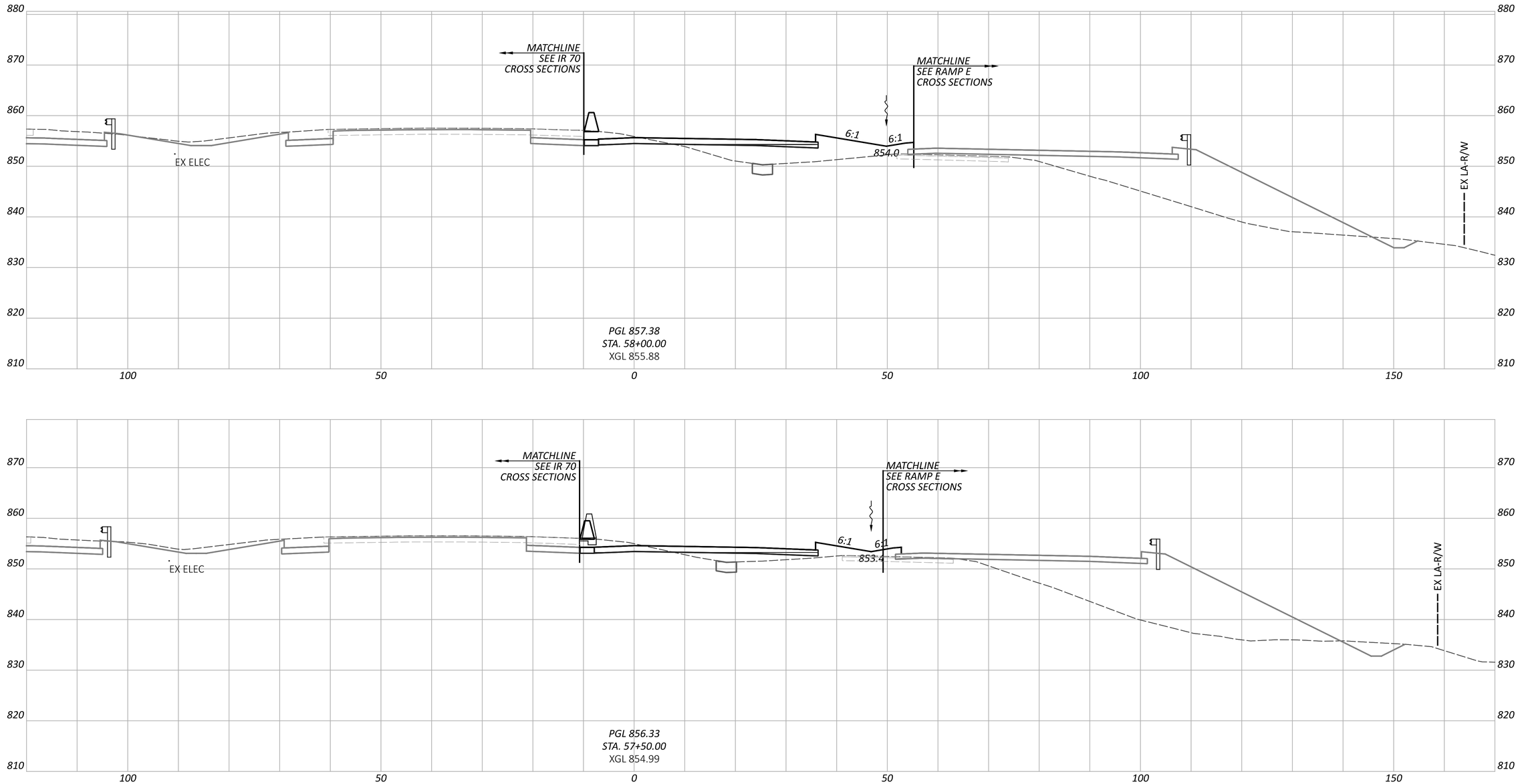
PROJECT ID
96808

SHEET P.0864 TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 57+50.00 TO STA. 58+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

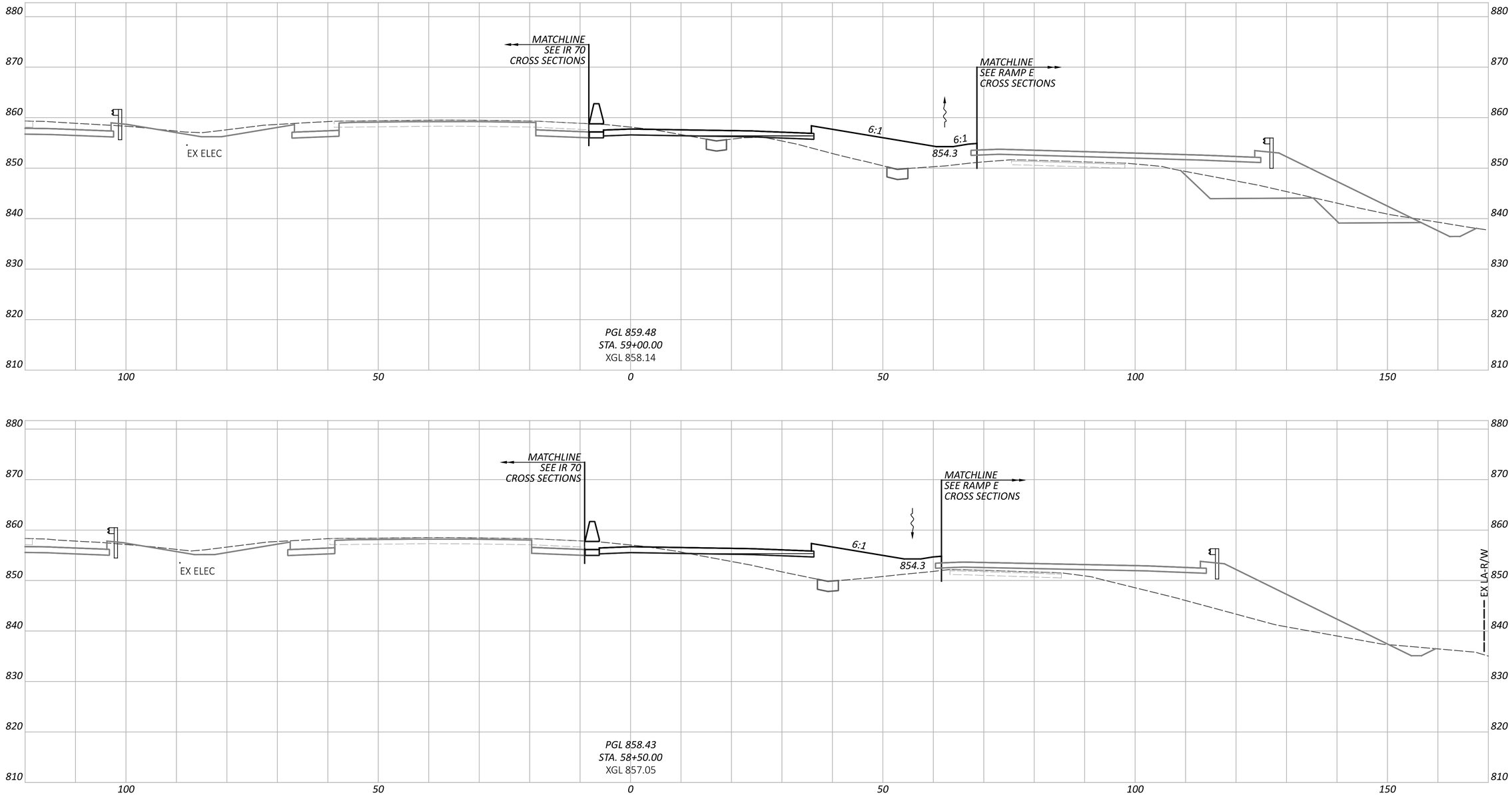
PROJECT ID
96808

SHEET P.0865 TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 58+50.00 TO STA. 59+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:37 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

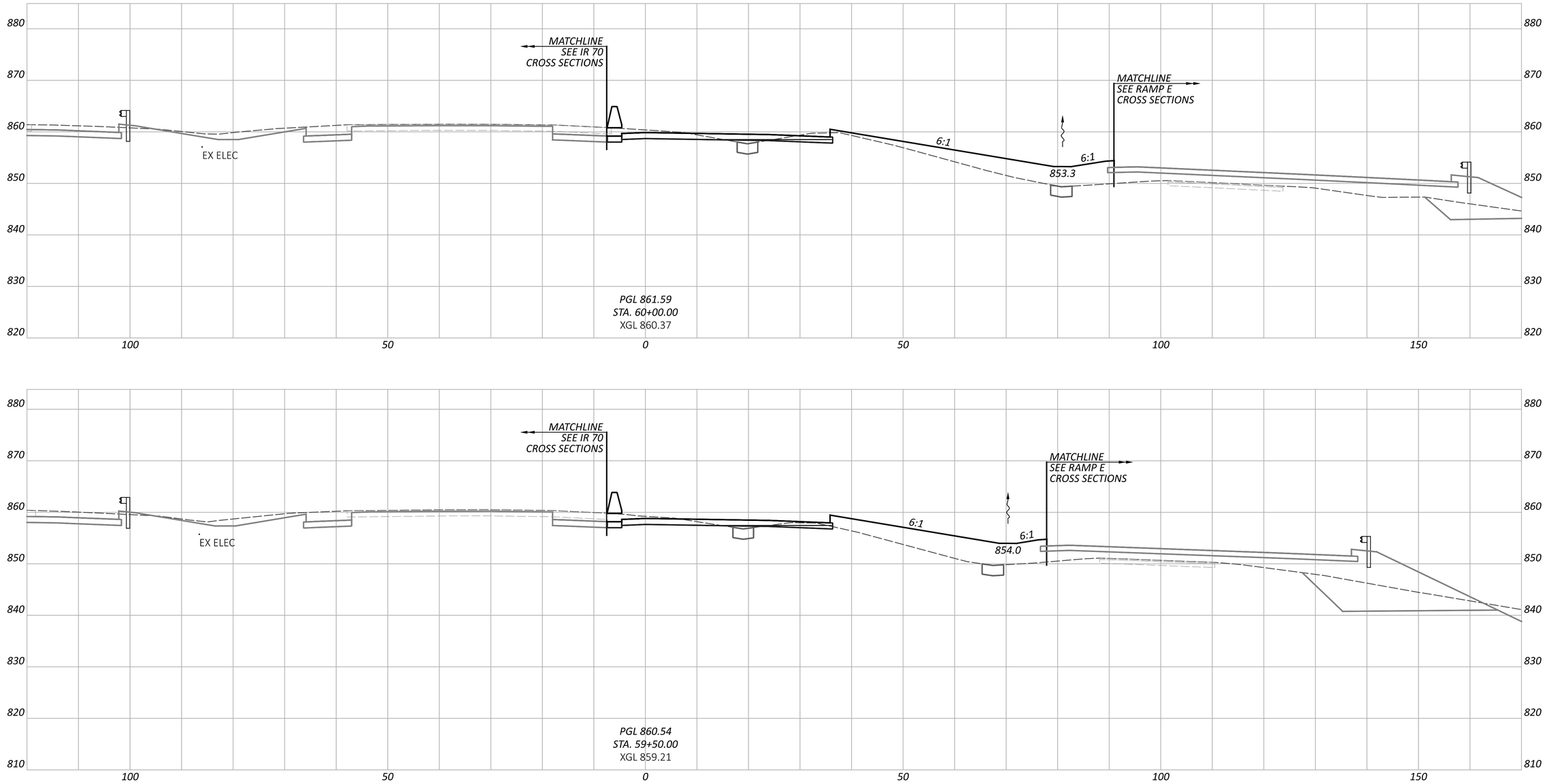
PROJECT ID
96808

SHEET P.0866 TOTAL P.2024

EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 59+50.00 TO STA. 60+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0867 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OK - 59+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:43 AM USER: brieder
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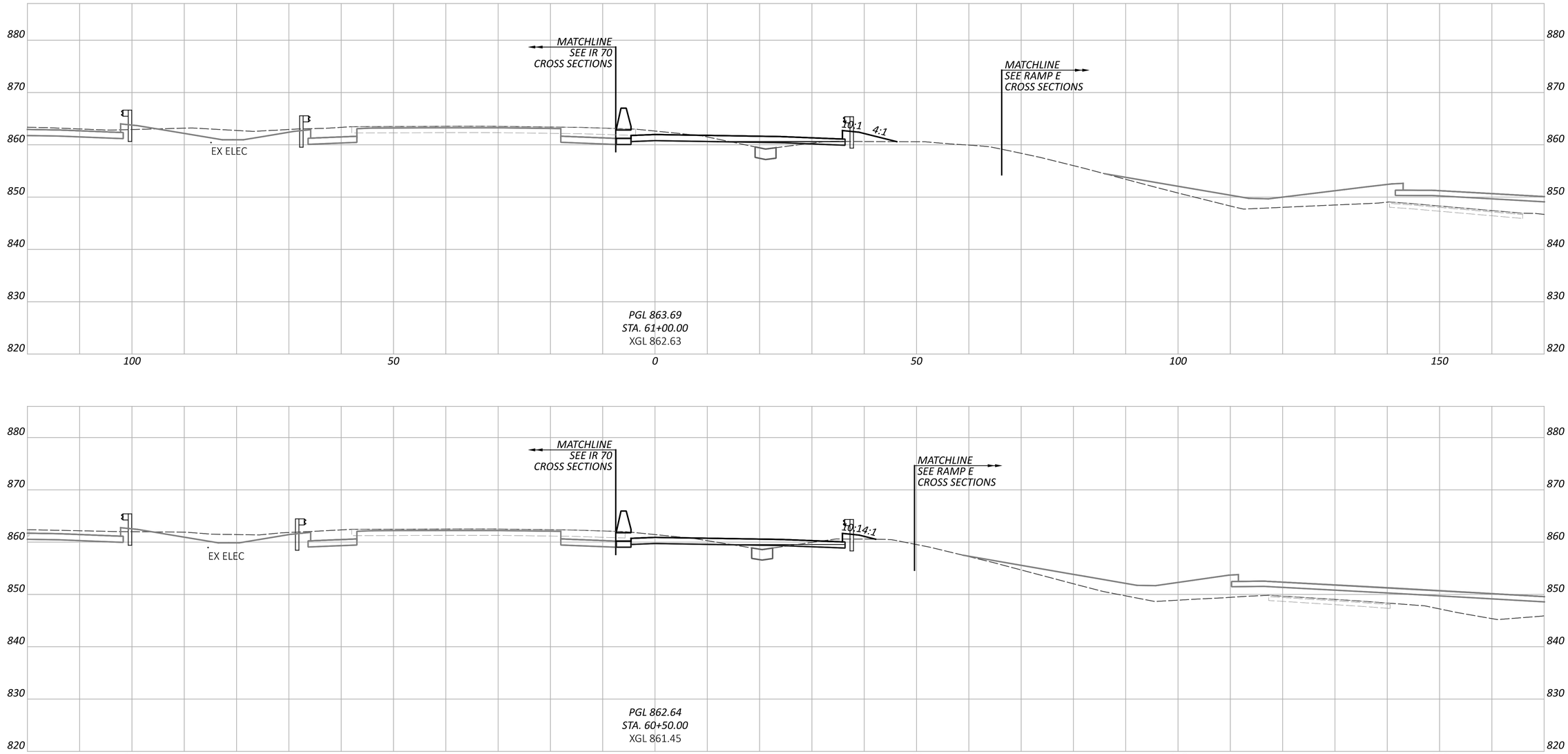
EXISTING CONC PAVEMENT

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 60+50.00 TO STA. 61+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 60+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:50 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

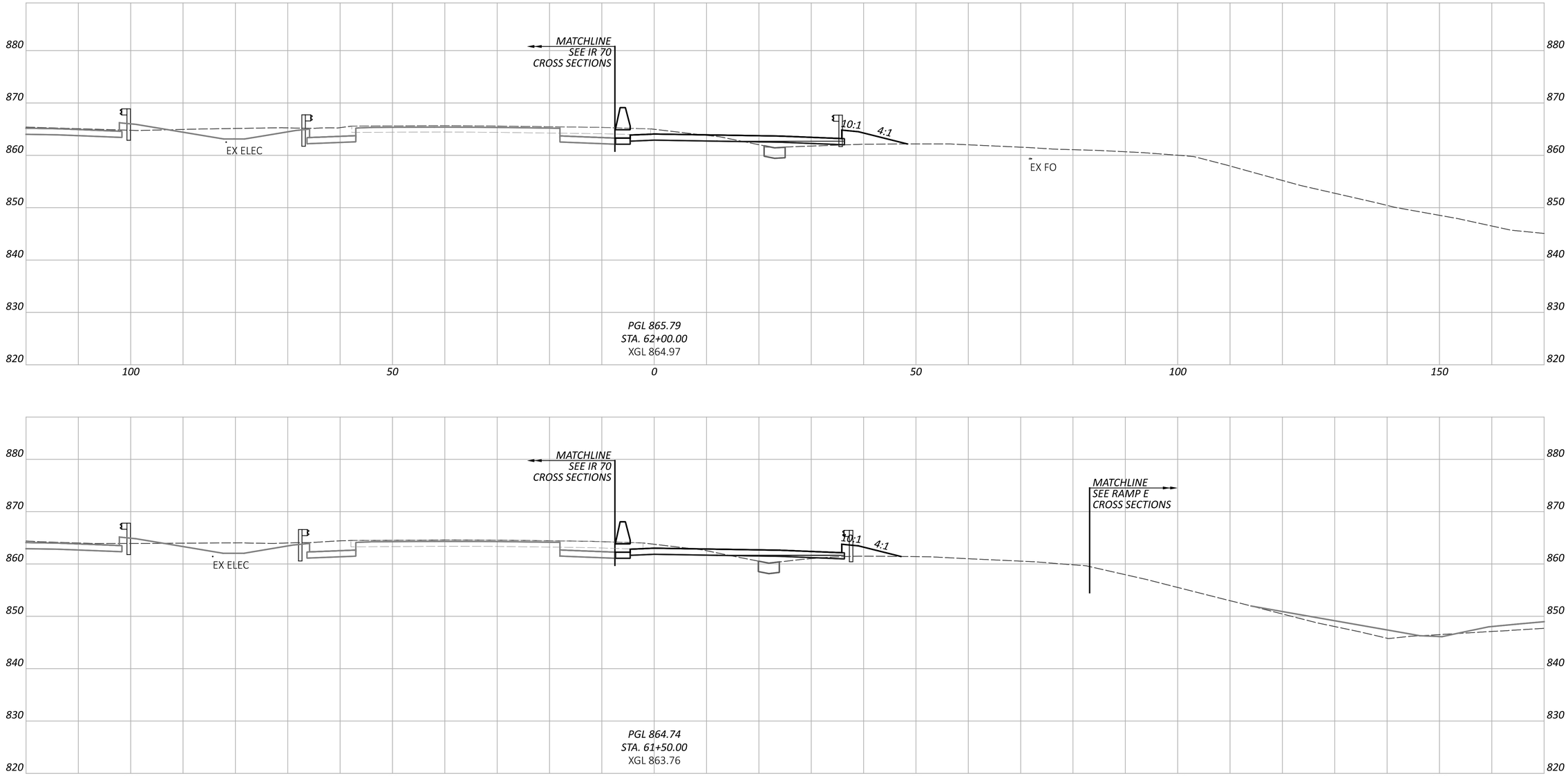
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0868 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 61+50.00 TO STA. 62+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 61+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:46:56 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

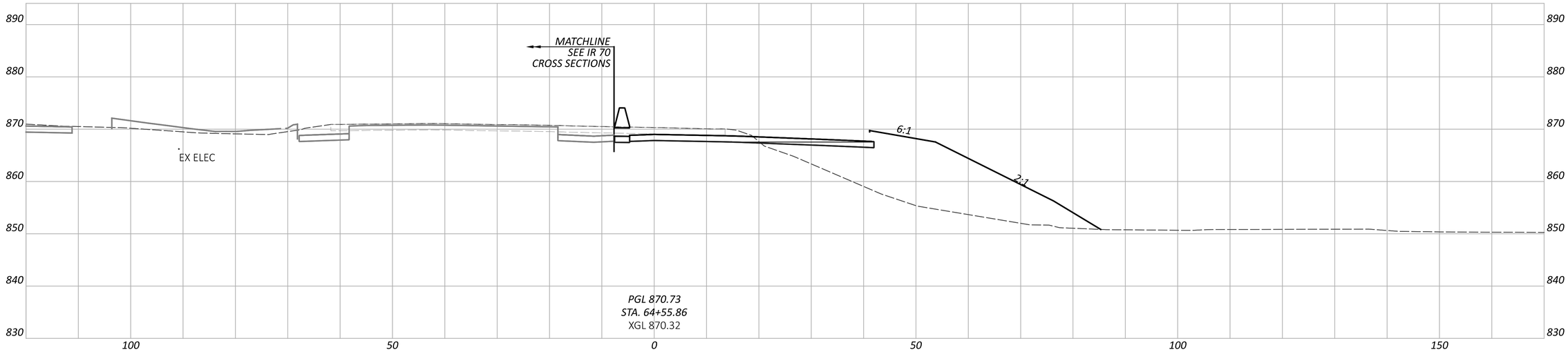
DESIGNER
BER

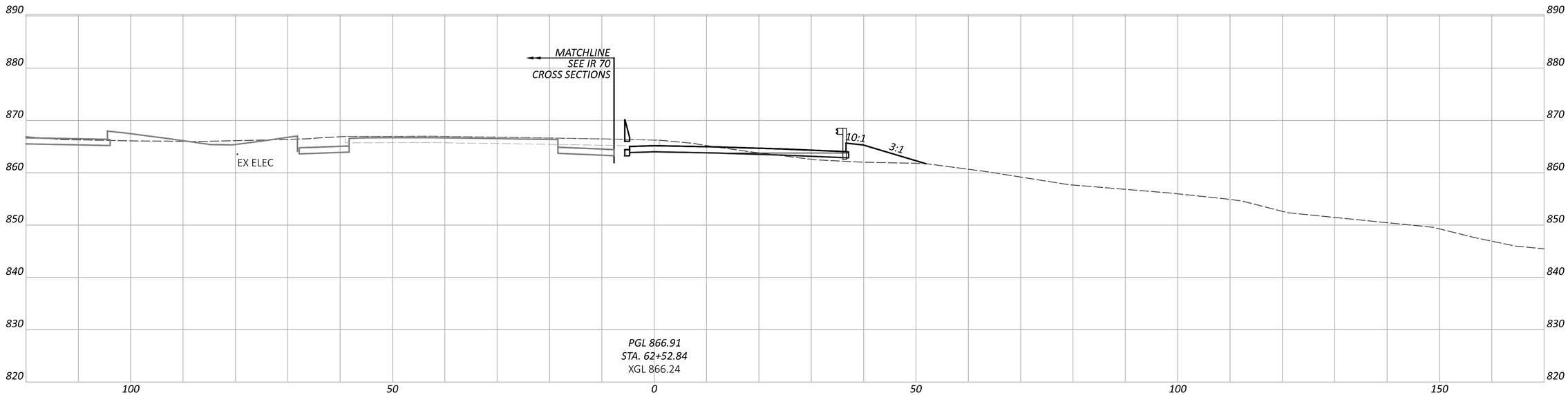
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0869 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 62+52.84 TO STA. 64+55.86

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0870 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 62+52.84 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:03 AM USER: brieder
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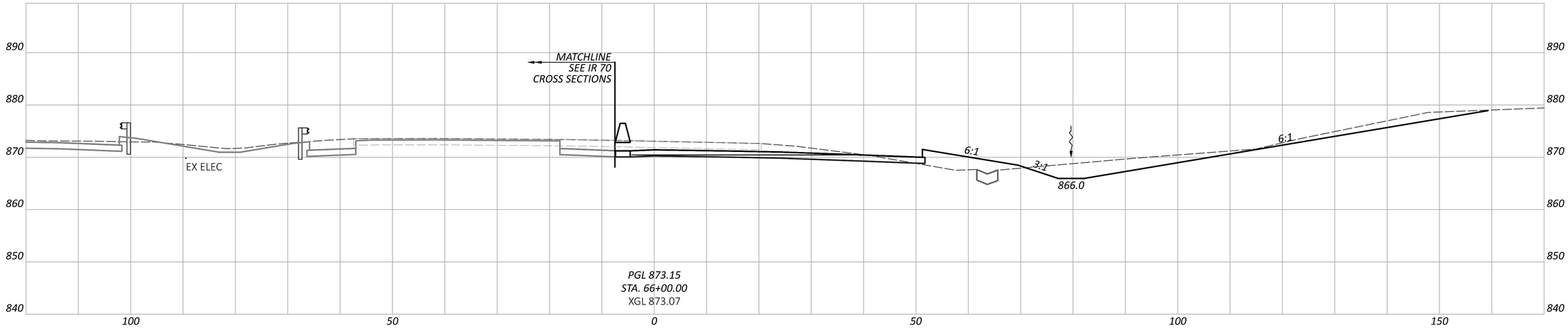
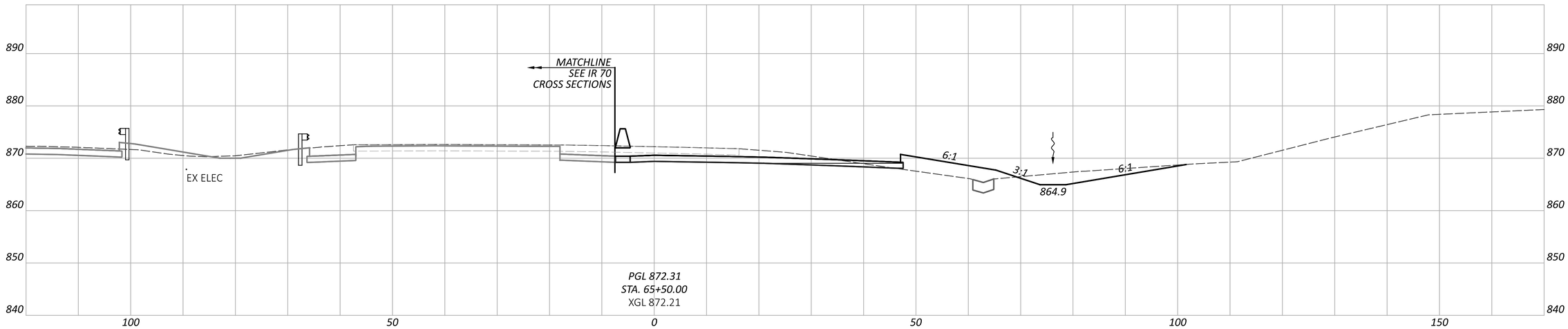
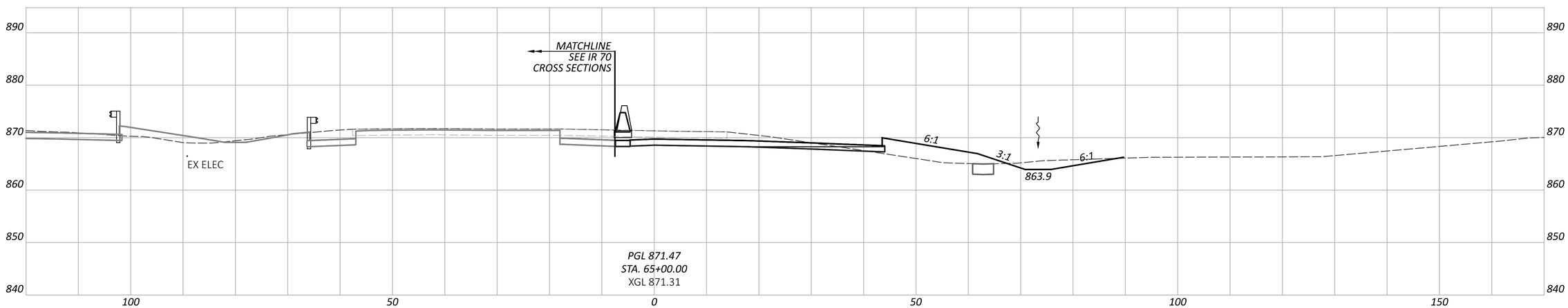
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 65+00.00 TO STA. 66+00.00

DESIGN AGENCY
MICHAEL BAKER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0871
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 65+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:10 AM USER: brieder
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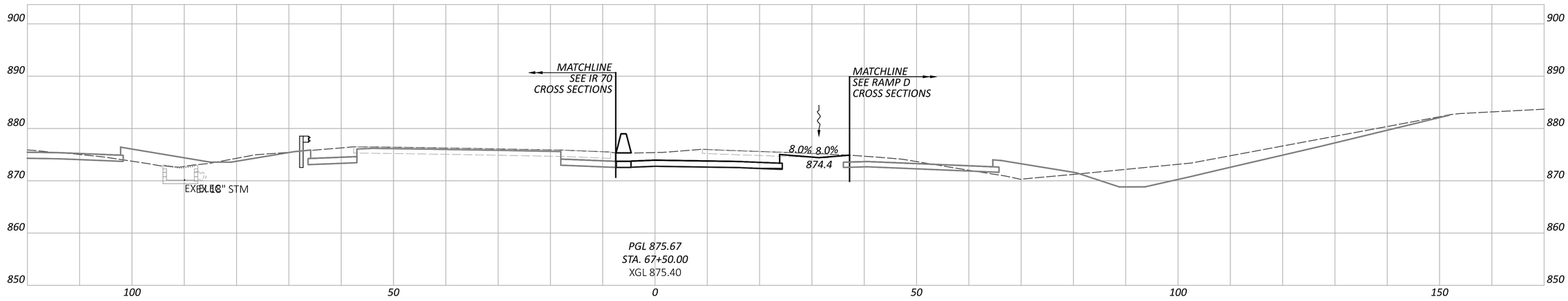
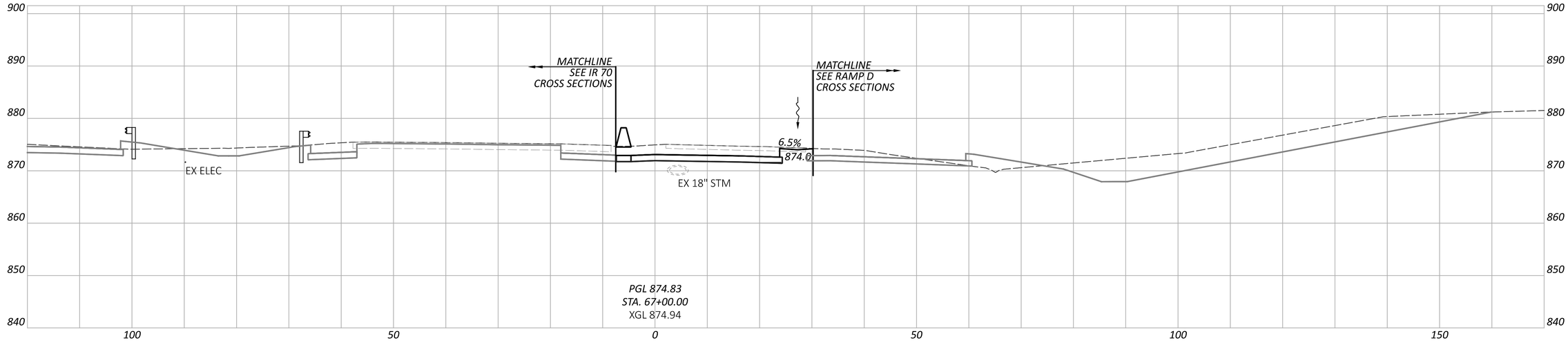
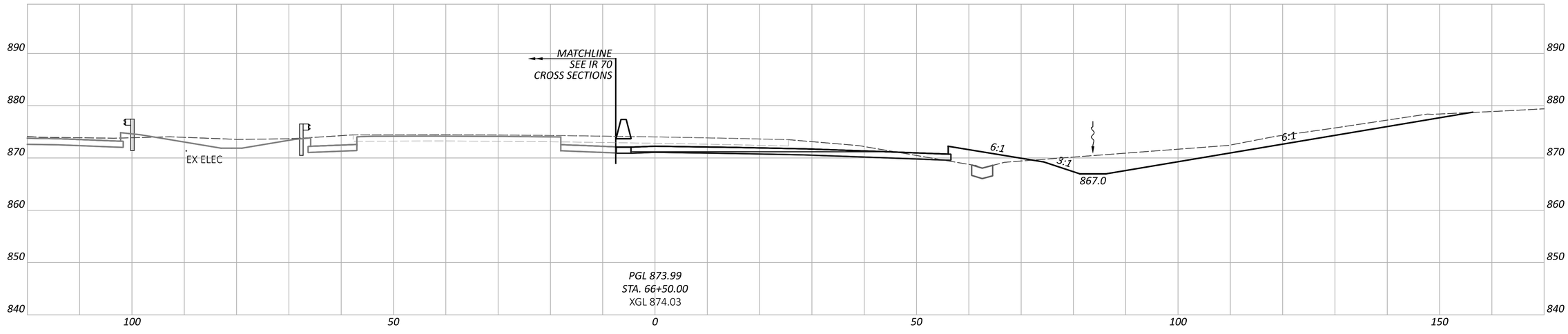
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 66+50.00 TO STA. 67+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 66+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:19 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

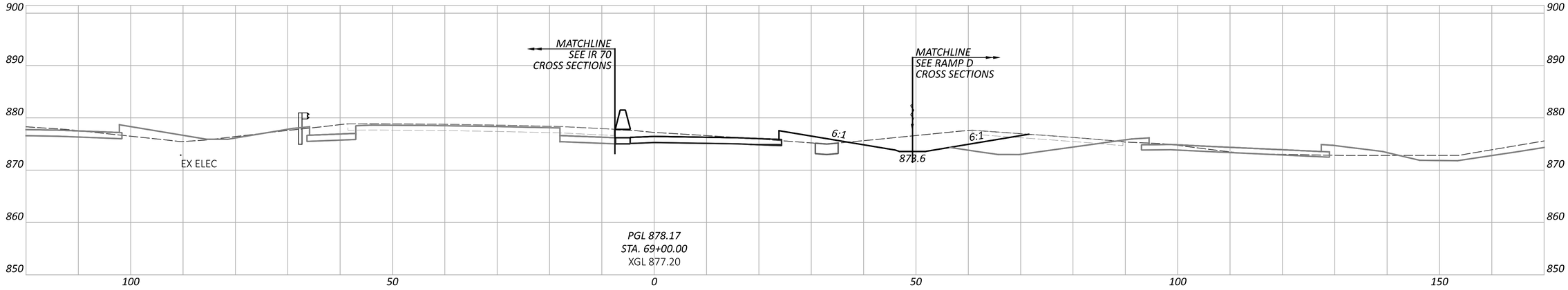
REVIEWER
KAM 08/07/26

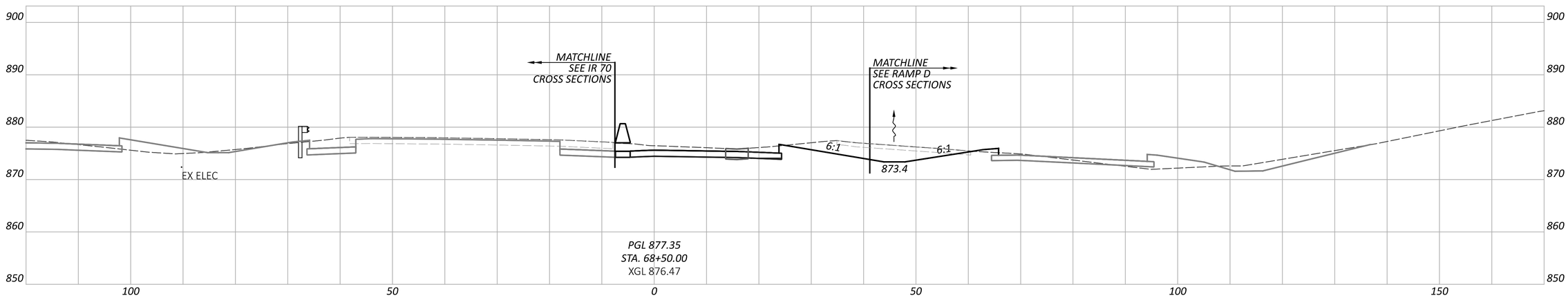
PROJECT ID
96808

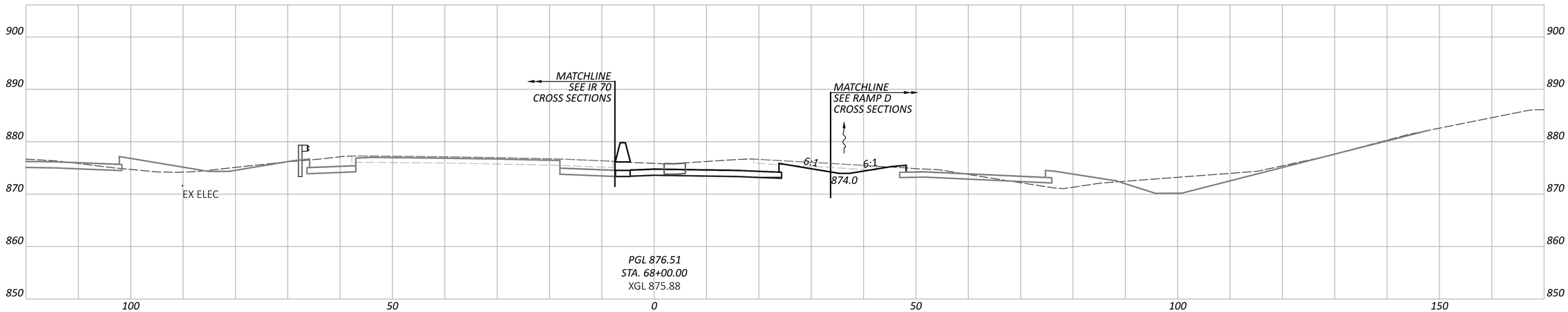
SHEET P.0872 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 68+00.00 TO STA. 69+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0873 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 68+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:29 AM USER: brieder
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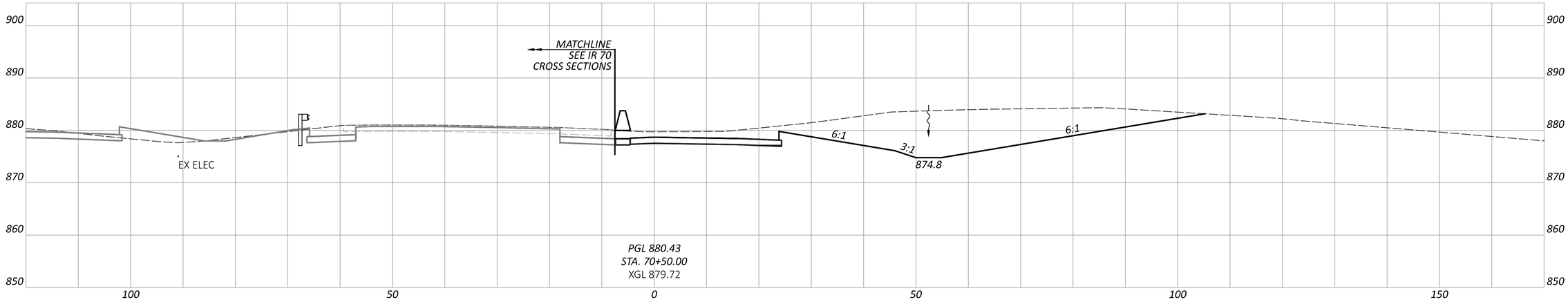
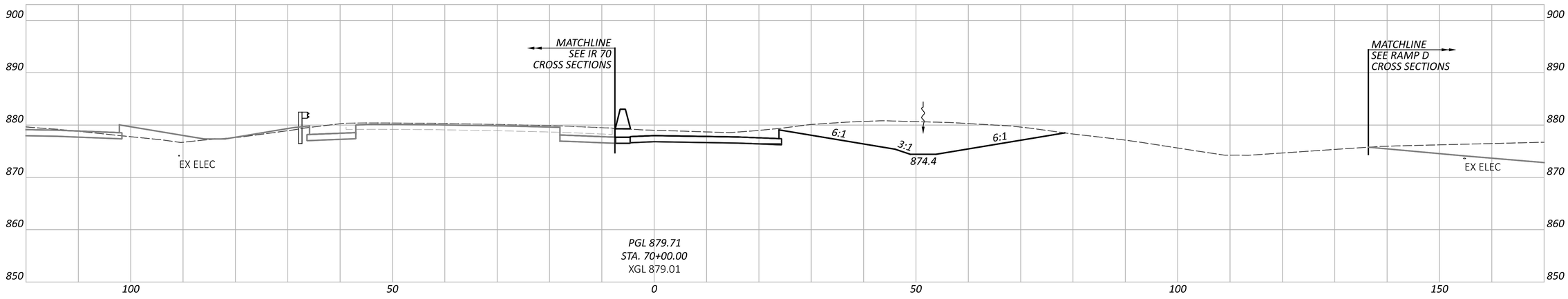
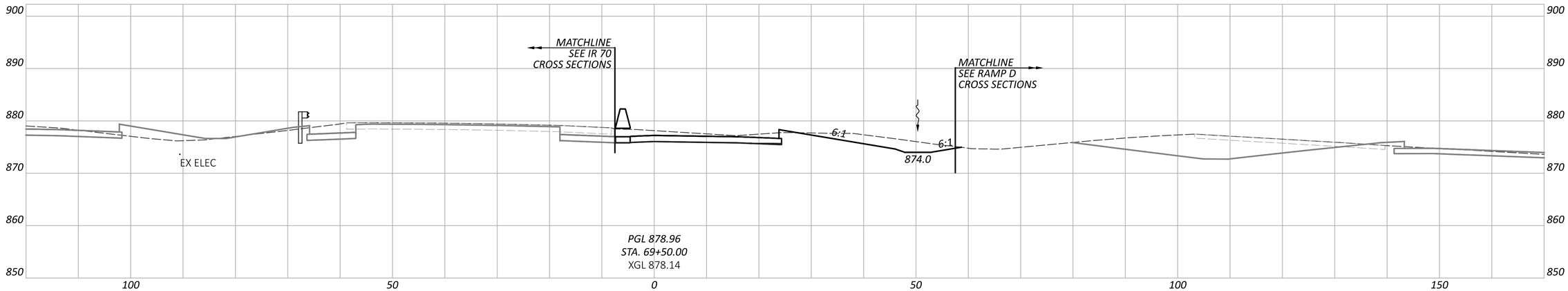
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 69+50.00 TO STA. 70+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

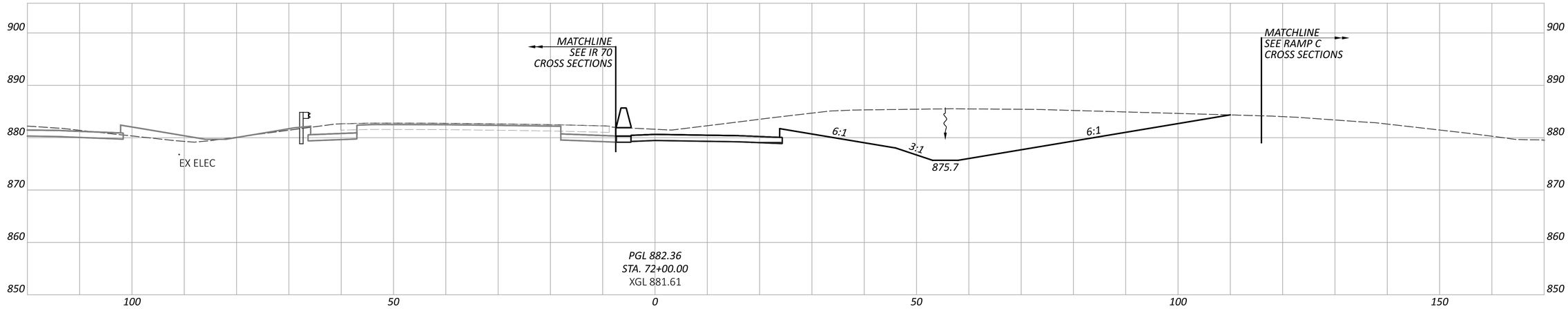
PROJECT ID
96808

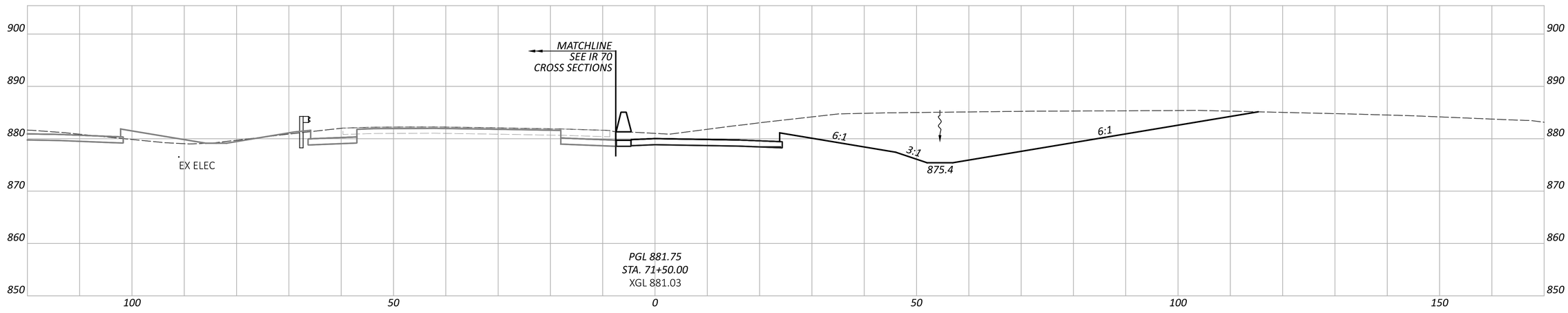
SHEET P.0874 TOTAL P.2024

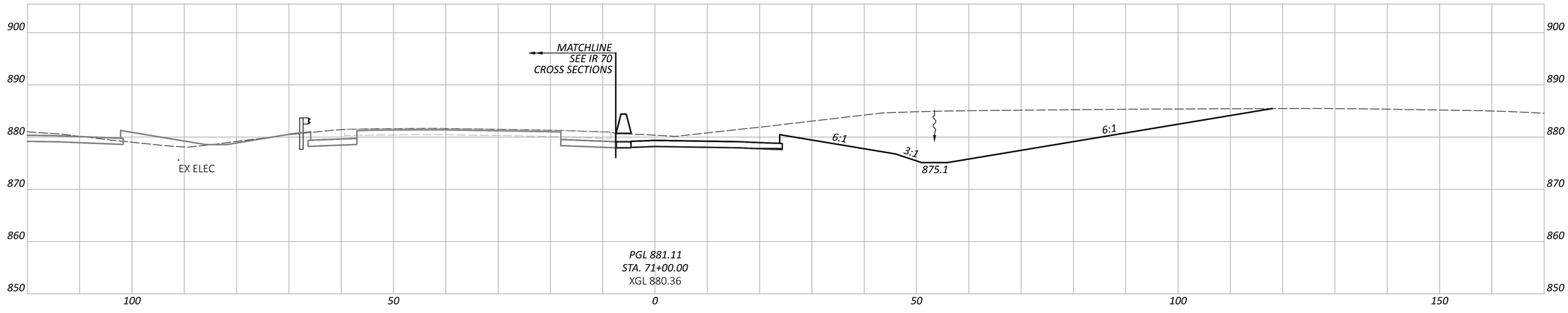
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 69+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:38 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS300.dgn

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 71+00.00 TO STA. 72+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 71+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:47:47 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

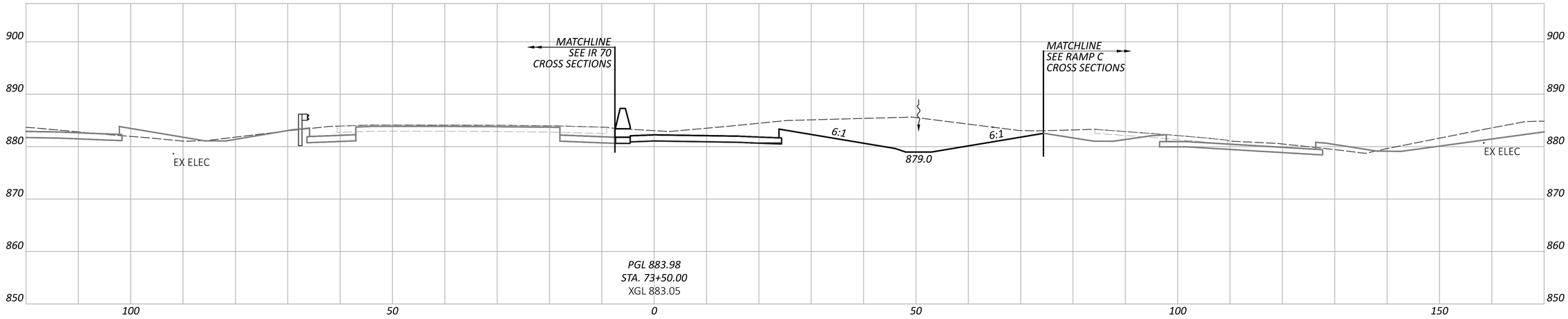
DESIGNER
BER

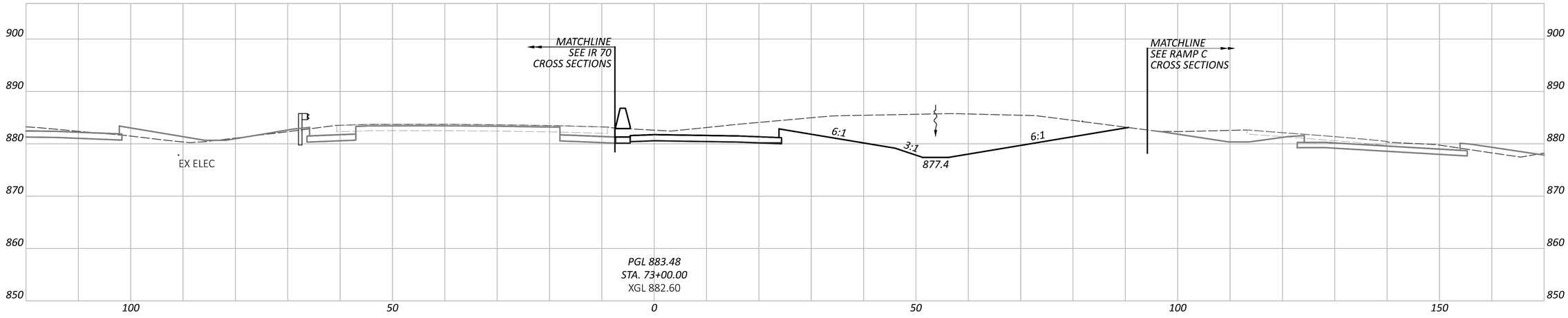
REVIEWER
KAM 08/07/26

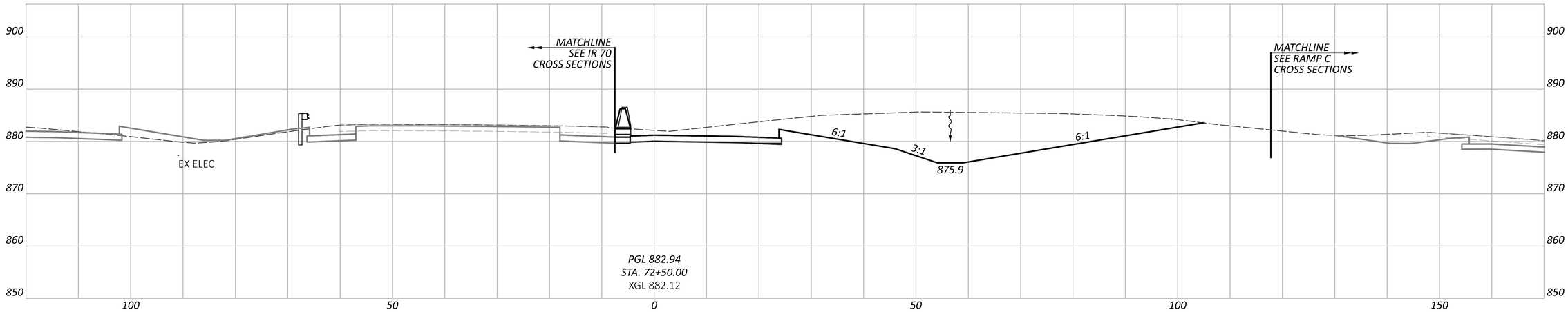
PROJECT ID
96808

SHEET P.0875 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 72+50.00 TO STA. 73+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0876 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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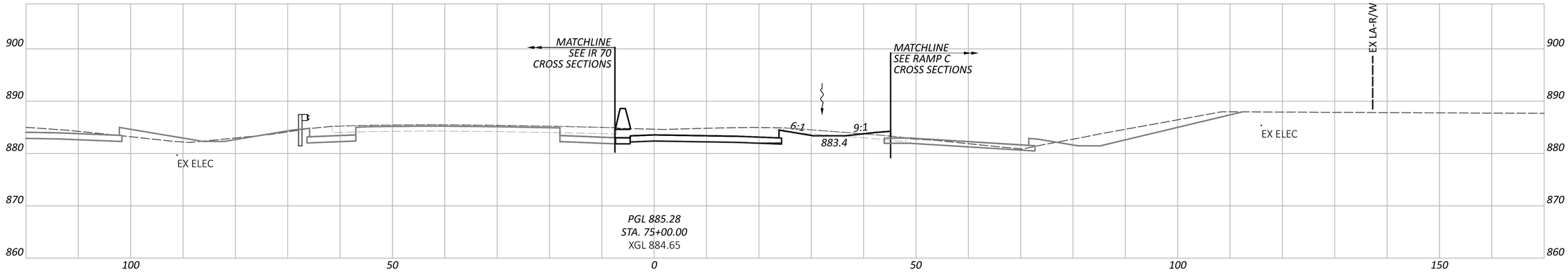
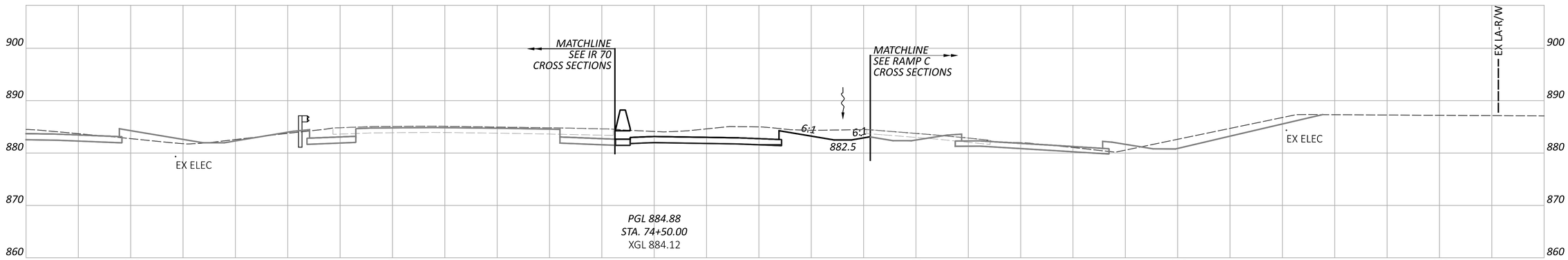
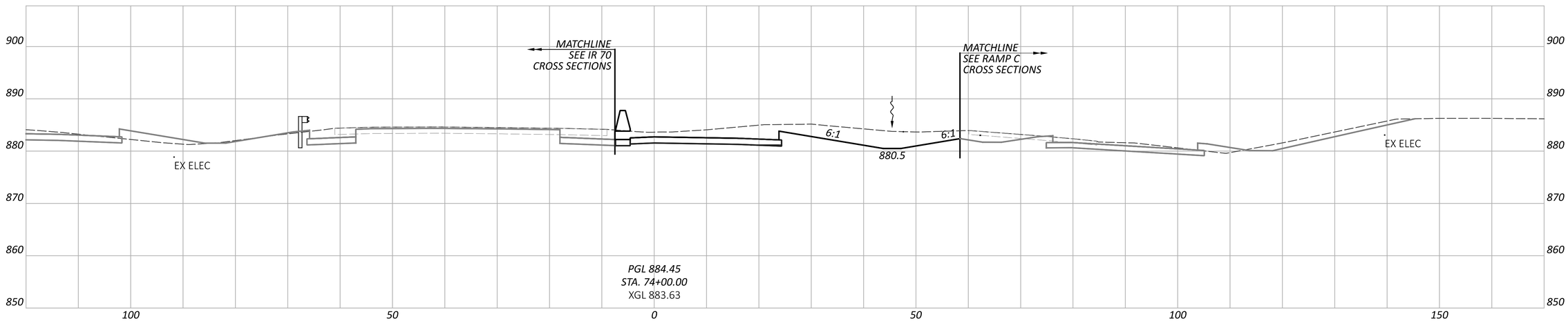
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 74+00.00 TO STA. 75+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0877
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OK - 74+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:05 AM USER: brieder
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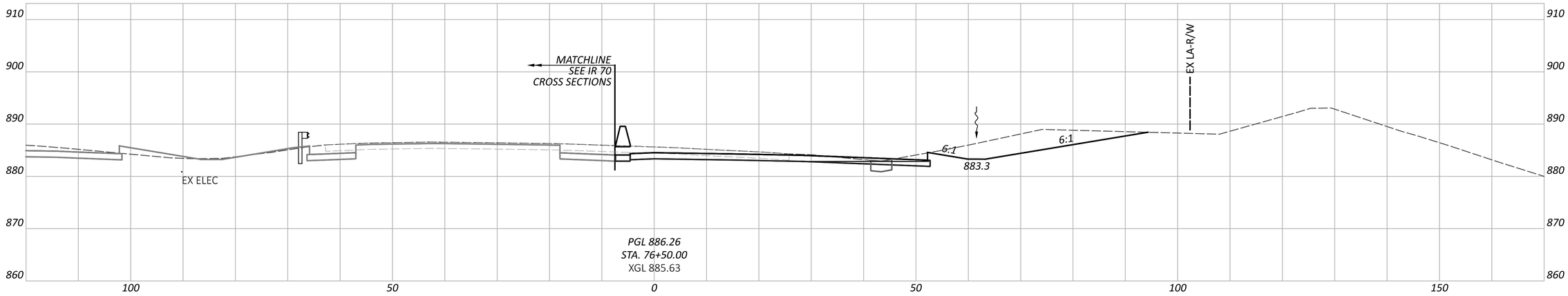
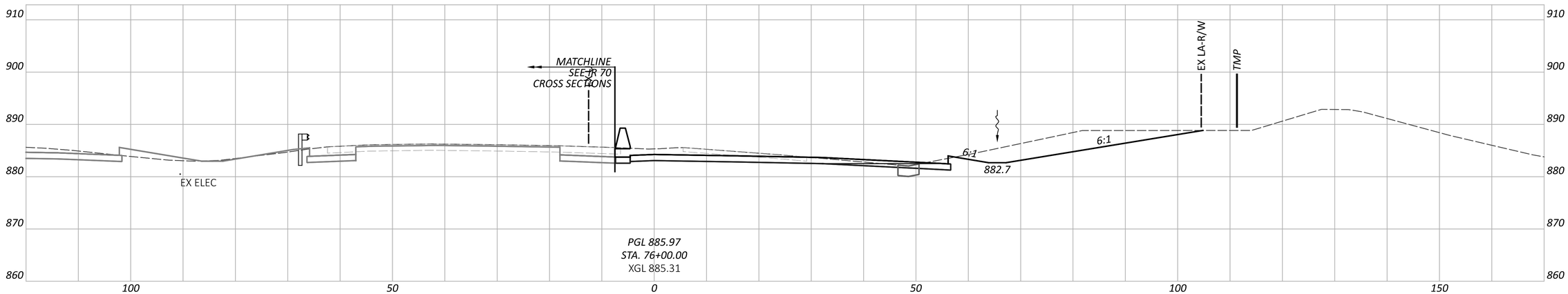
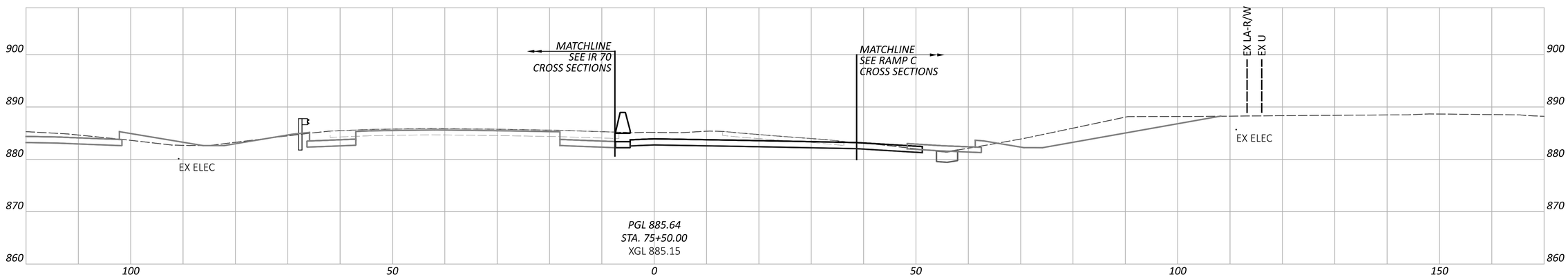
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 75+50.00 TO STA. 76+50.00

DESIGN AGENCY
WILBUR SMITH STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0878
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07DK - 75+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:12 AM USER: brieder
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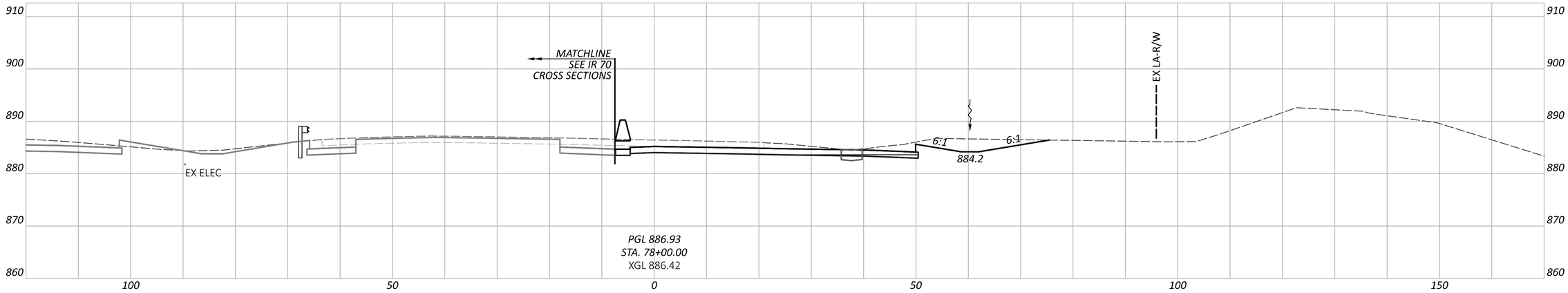
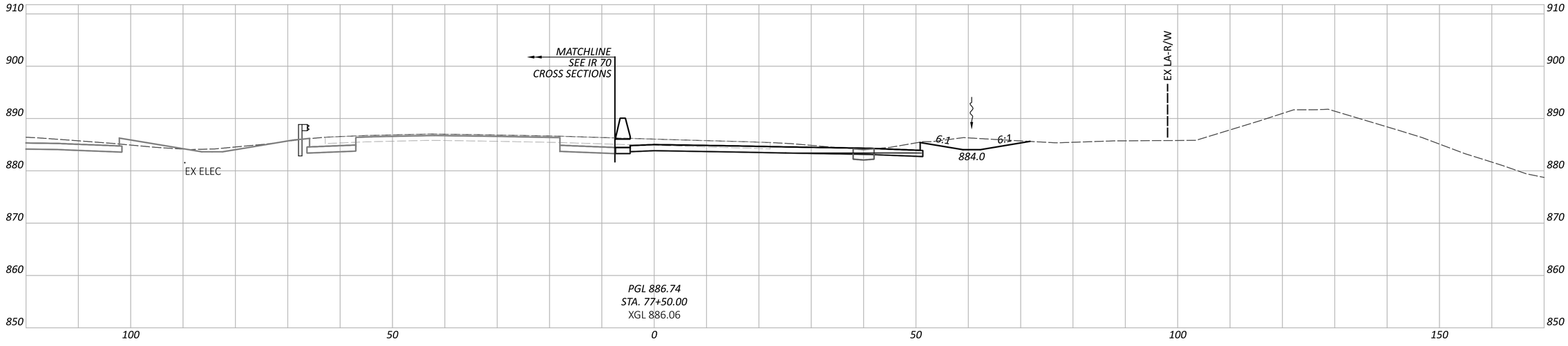
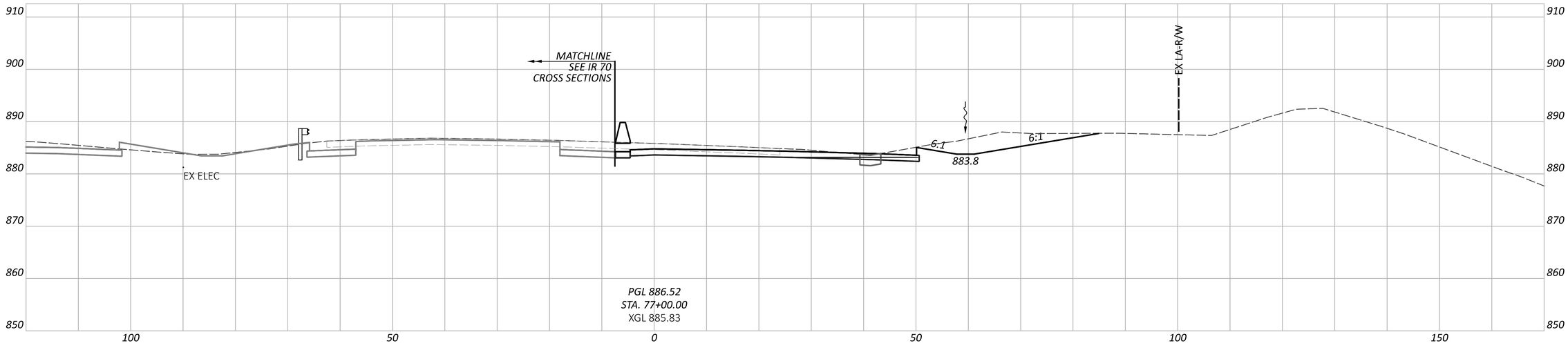
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 77+00.00 TO STA. 78+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 77+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:22 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

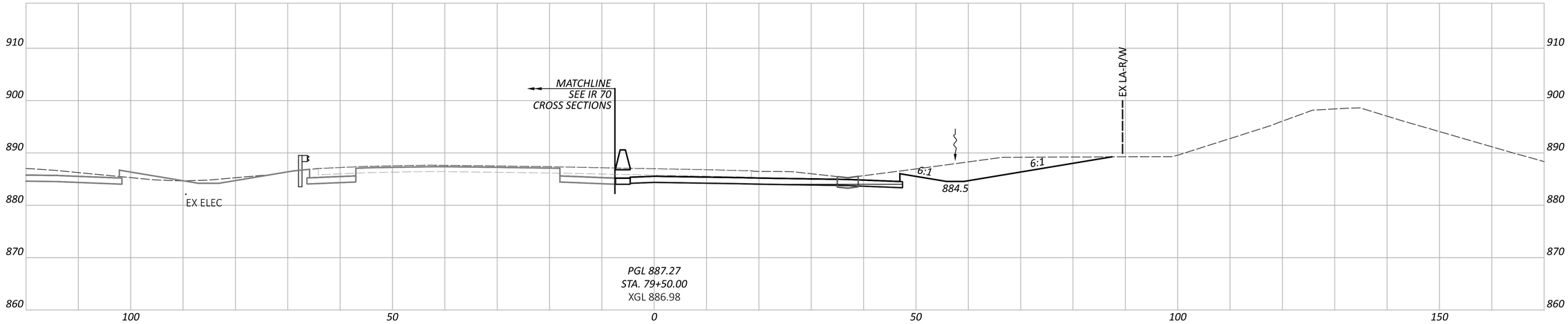
REVIEWER
KAM 08/07/26

PROJECT ID
96808

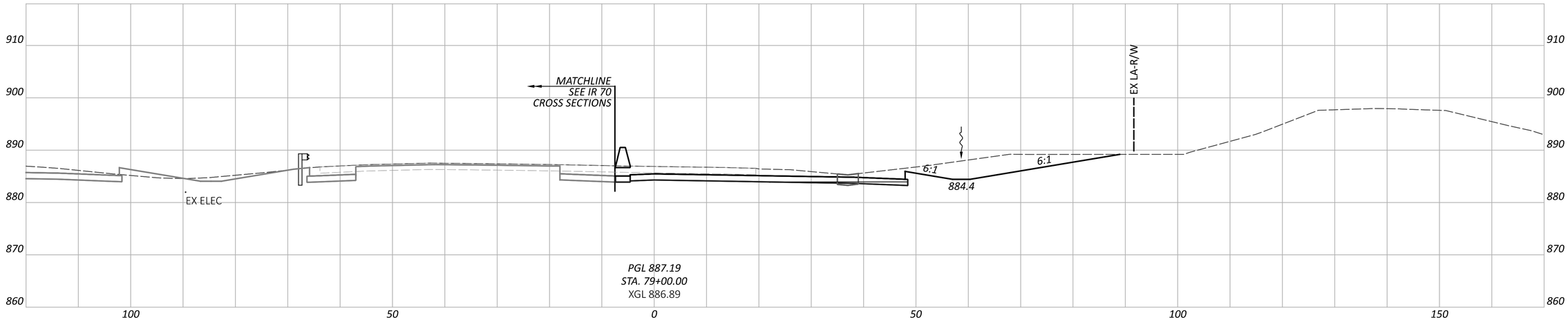
SHEET P.0879 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

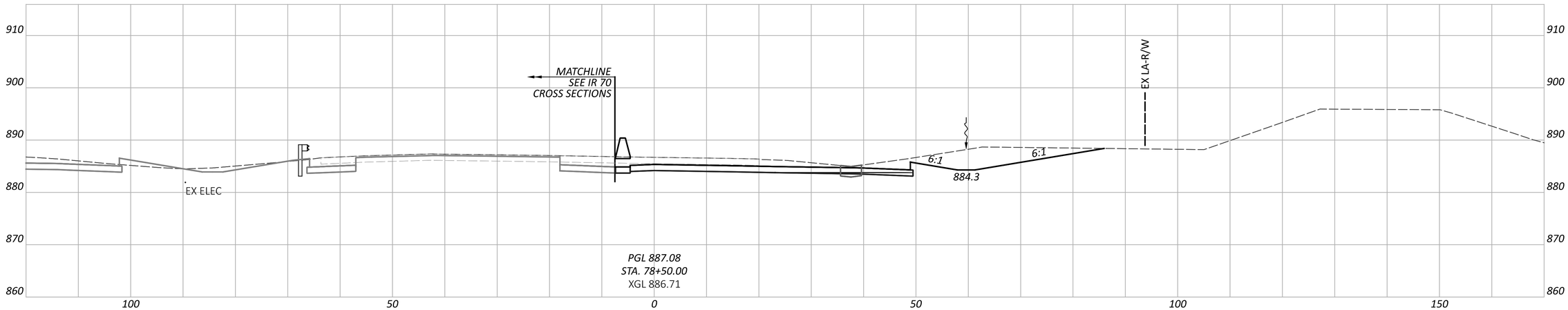
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 887.27
STA. 79+50.00
XGL 886.98



PGL 887.19
STA. 79+00.00
XGL 886.89



PGL 887.08
STA. 78+50.00
XGL 886.71

CROSS SECTIONS - RAMP K
STA. 78+50.00 TO STA. 79+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 78+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:30 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

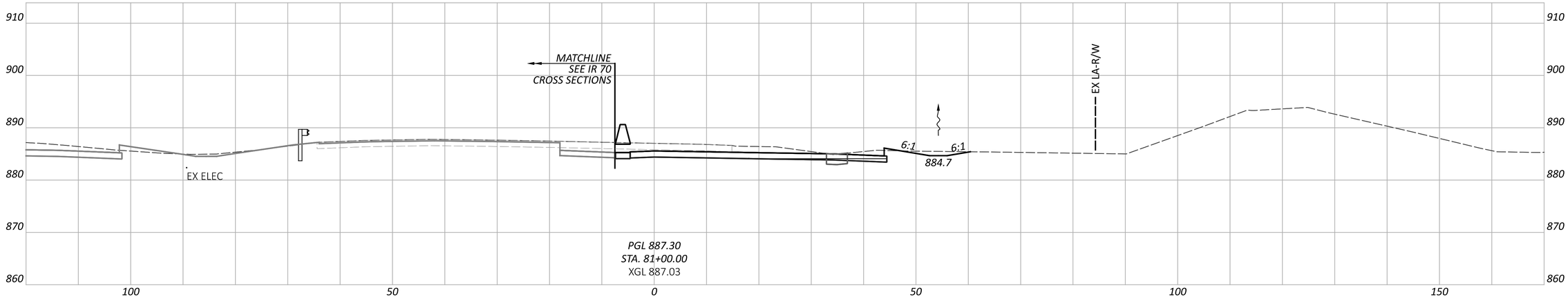
REVIEWER
KAM 08/07/26

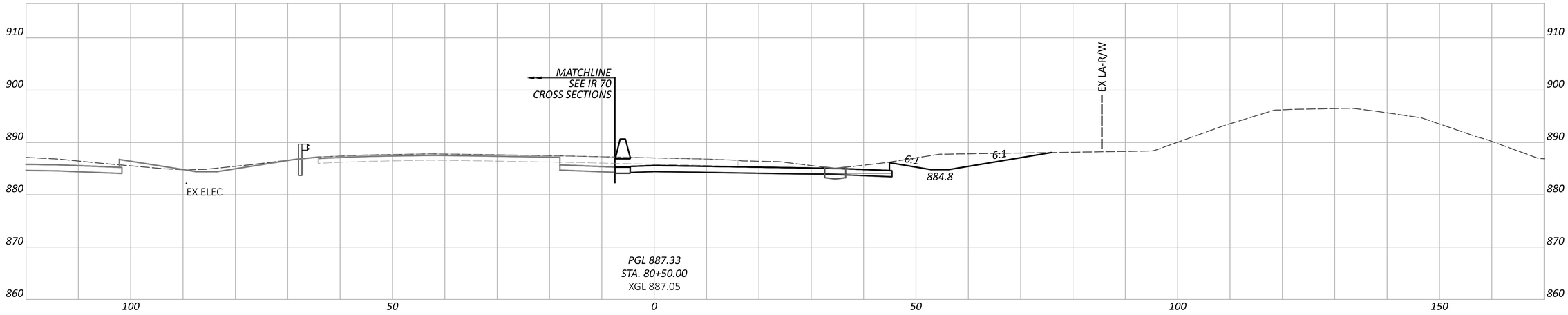
PROJECT ID
96808

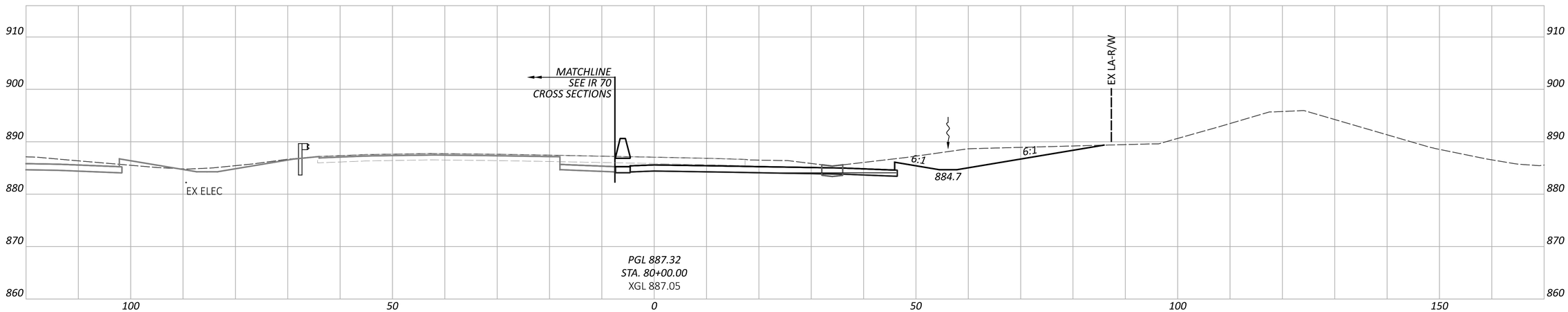
SHEET P.0880 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 80+00.00 TO STA. 81+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 80+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:38 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

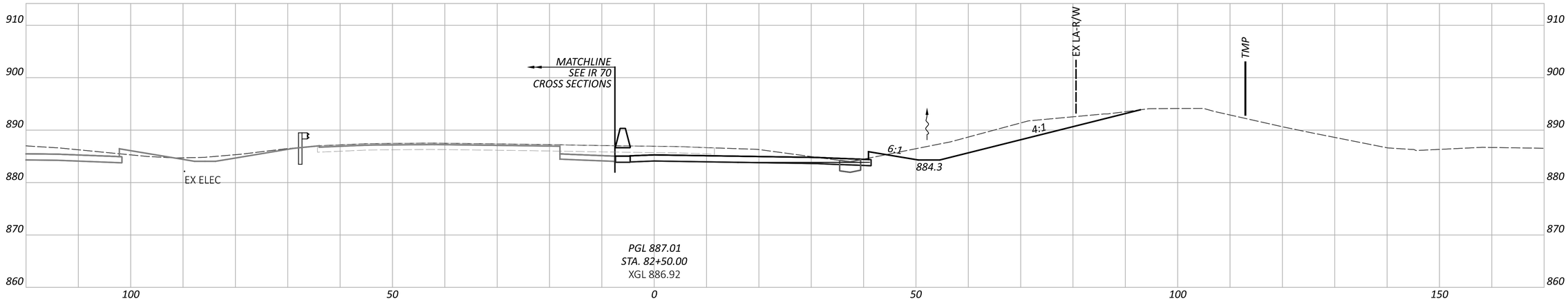
REVIEWER
KAM 08/07/26

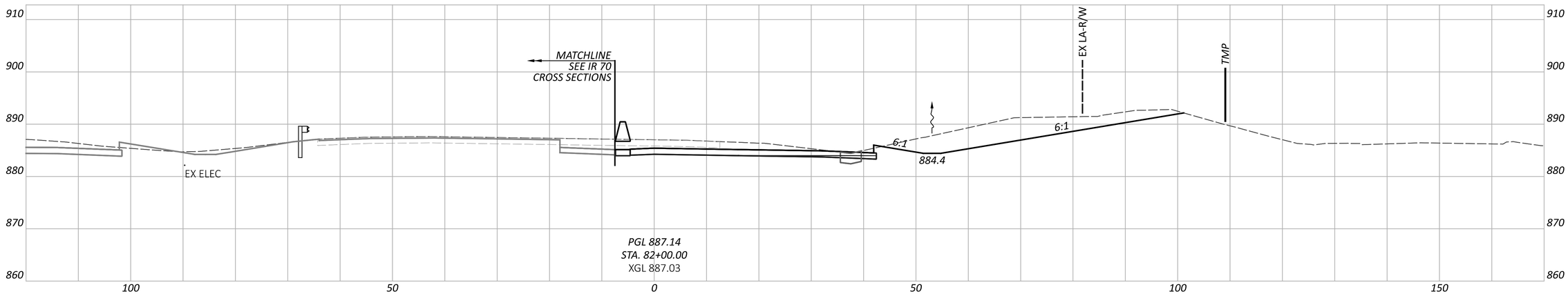
PROJECT ID
96808

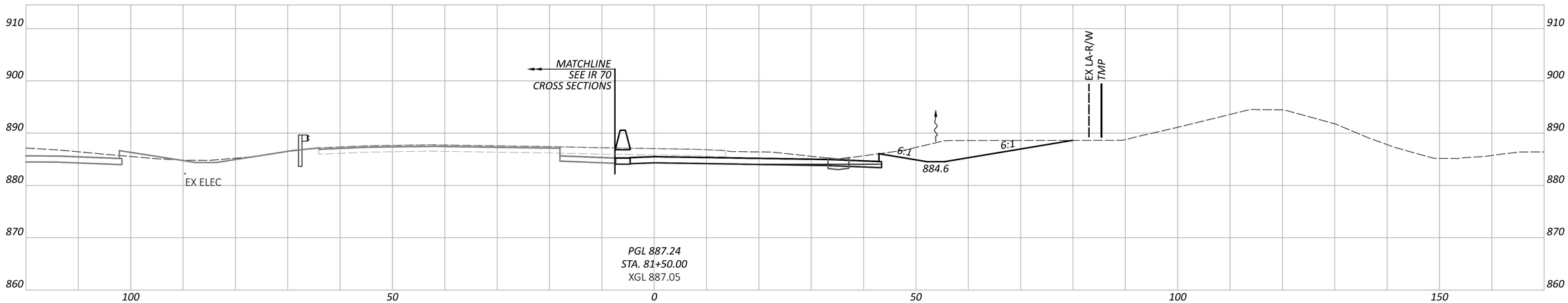
SHEET P.0881 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 81+50.00 TO STA. 82+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0882 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07OK - 81+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:48:46 AM USER: brieder
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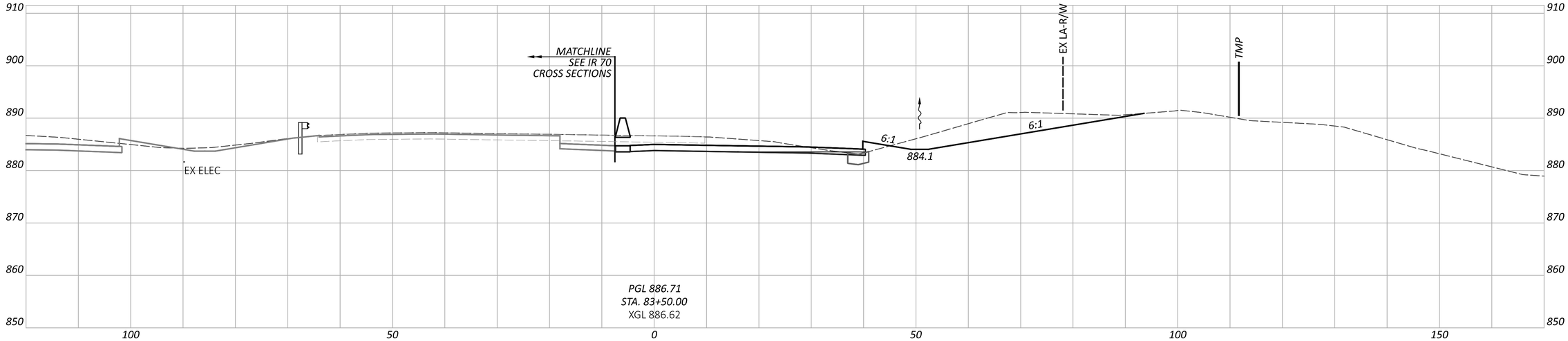
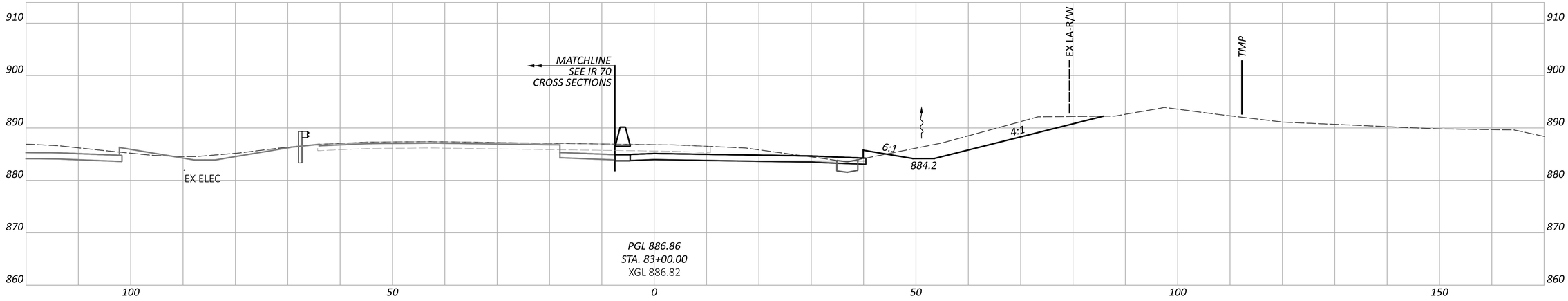
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 83+00.00 TO STA. 83+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

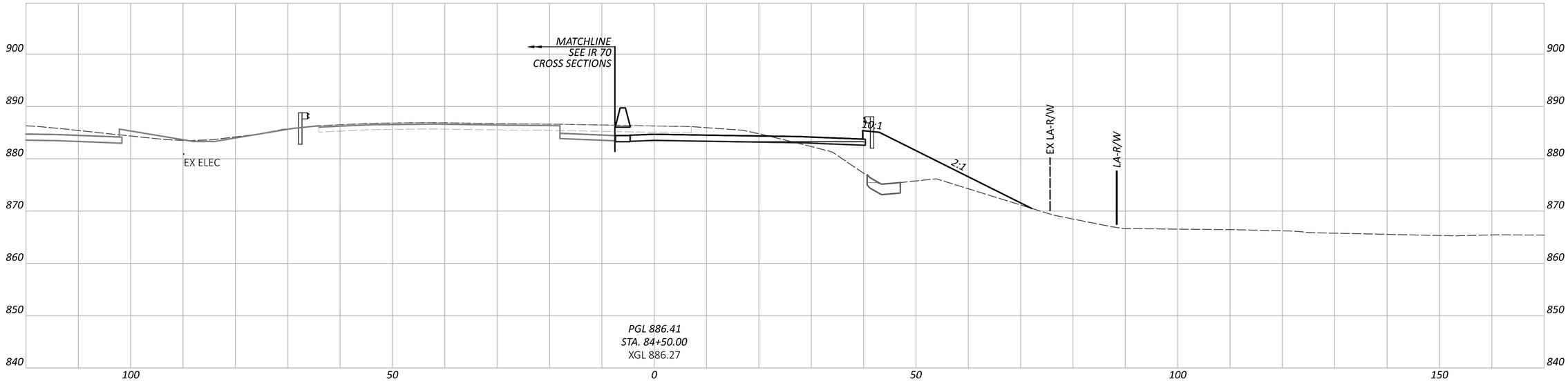
REVIEWER
KAM 08/07/26

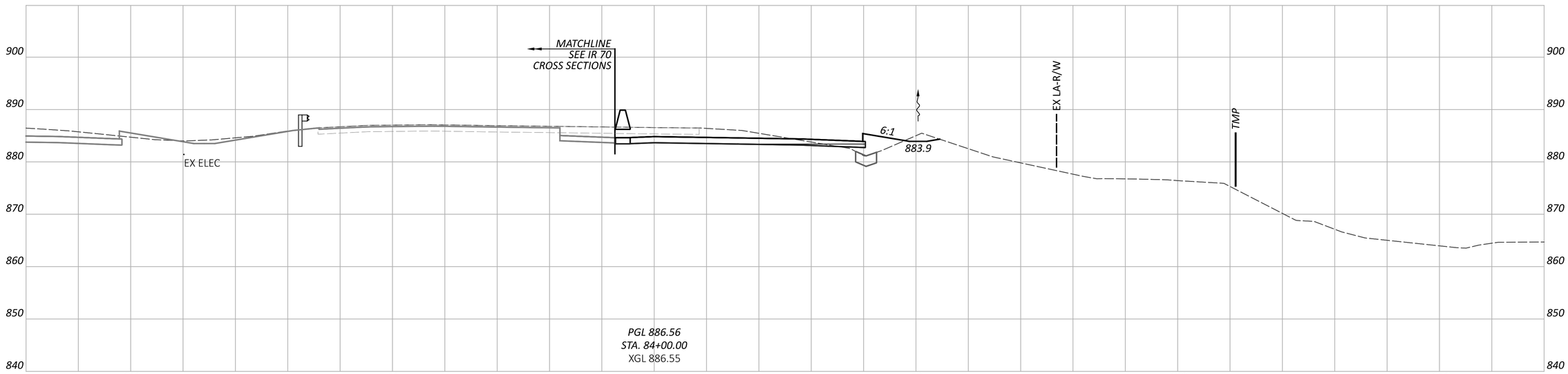
PROJECT ID
96808

SHEET P.0883 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 84+00.00 TO STA. 84+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0884 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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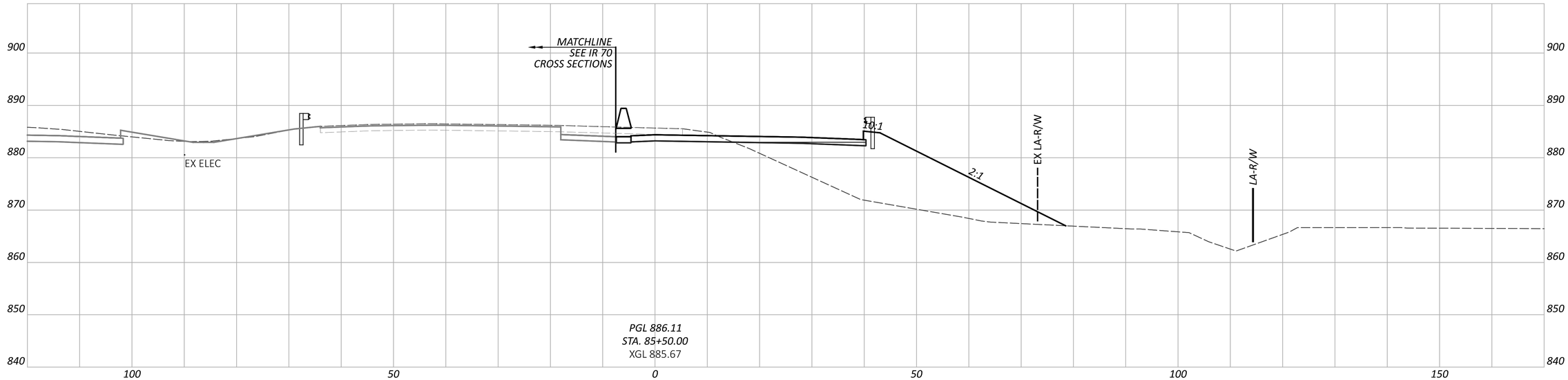
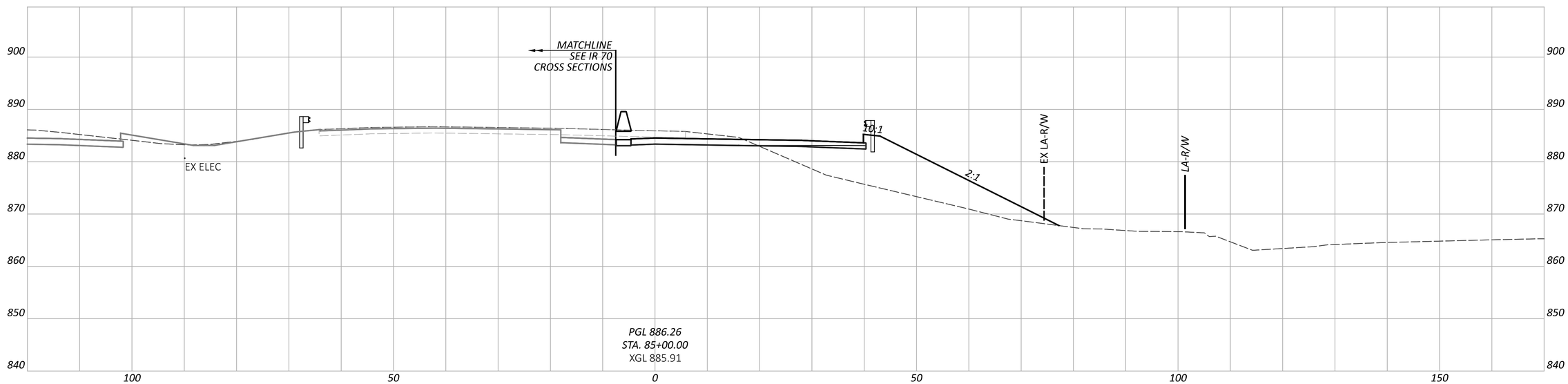
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 85+00.00 TO STA. 85+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0885 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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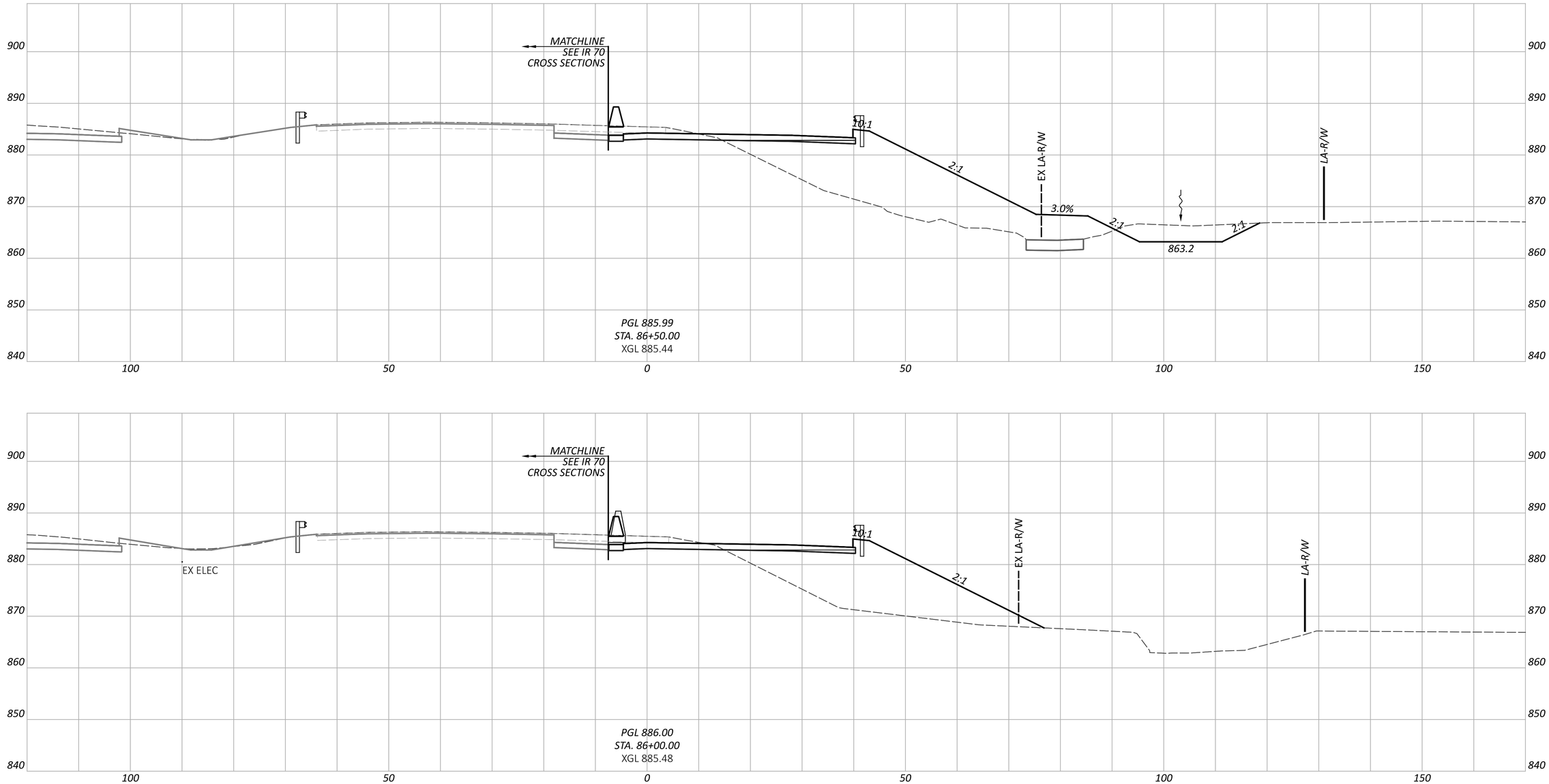
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 86+00.00 TO STA. 86+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 86+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:49:13 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

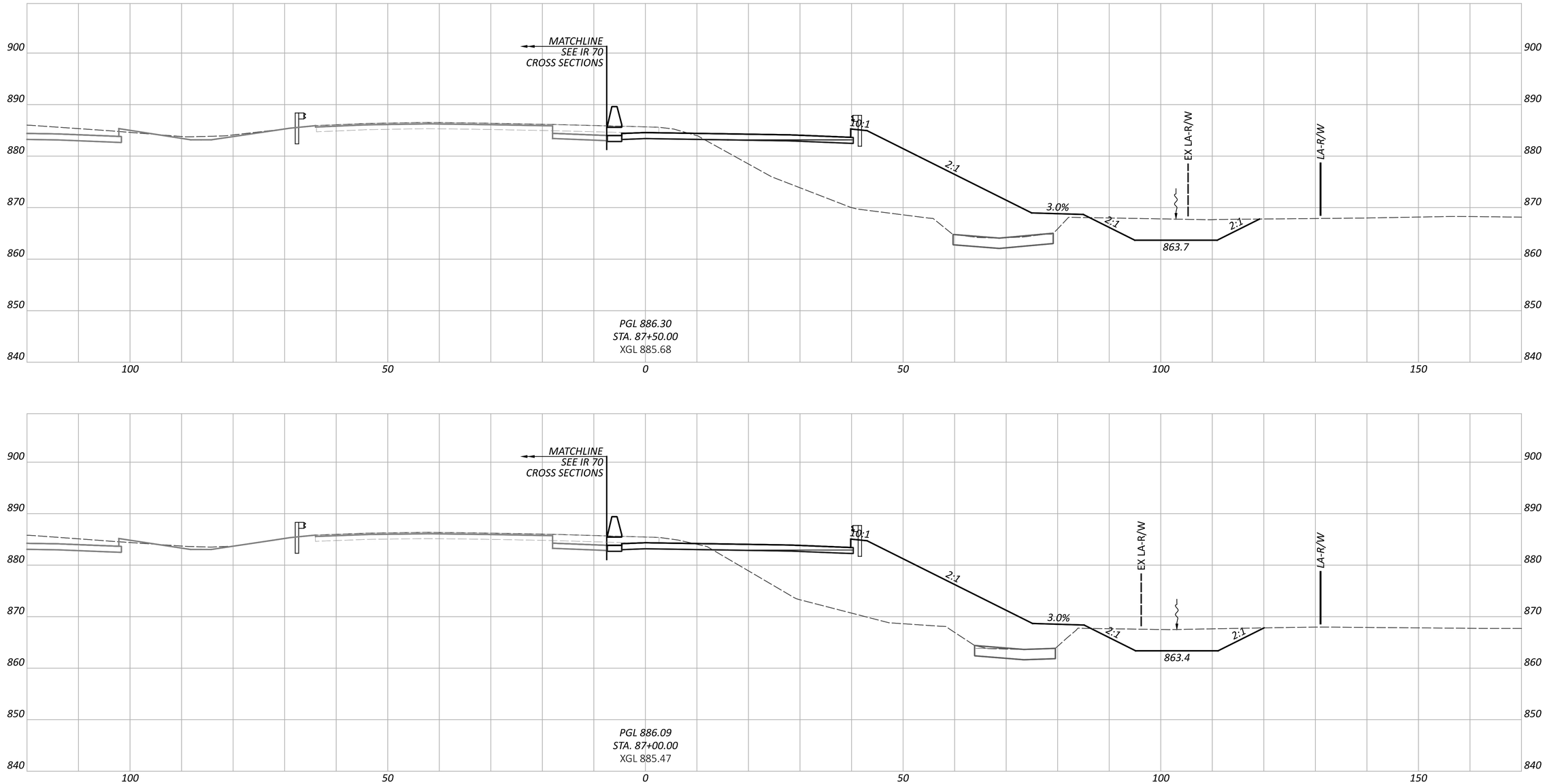
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0886 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 87+00.00 TO STA. 87+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 87+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:49:19 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

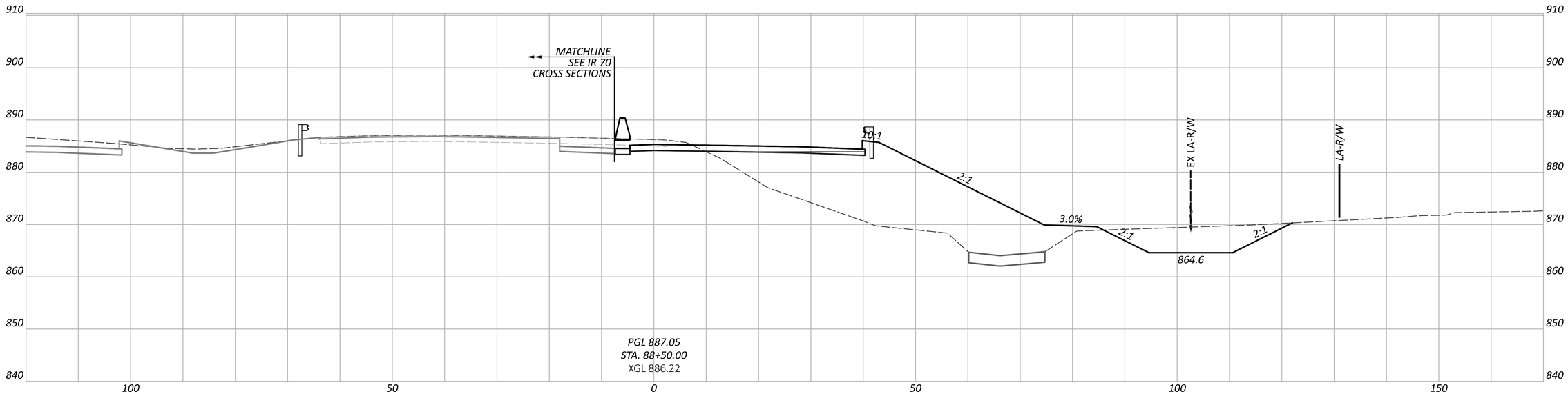
REVIEWER
KAM 08/07/26

PROJECT ID
96808

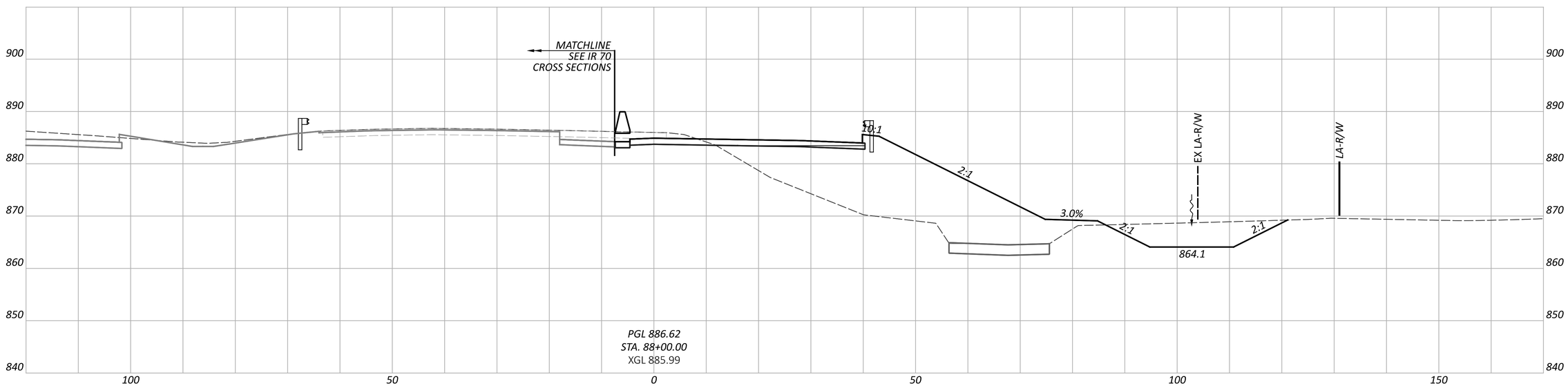
SHEET P.0887 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 887.05
STA. 88+50.00
XGL 886.22



PGL 886.62
STA. 88+00.00
XGL 885.99

CROSS SECTIONS - RAMP K
STA. 88+00.00 TO STA. 88+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 88+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:49:26 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

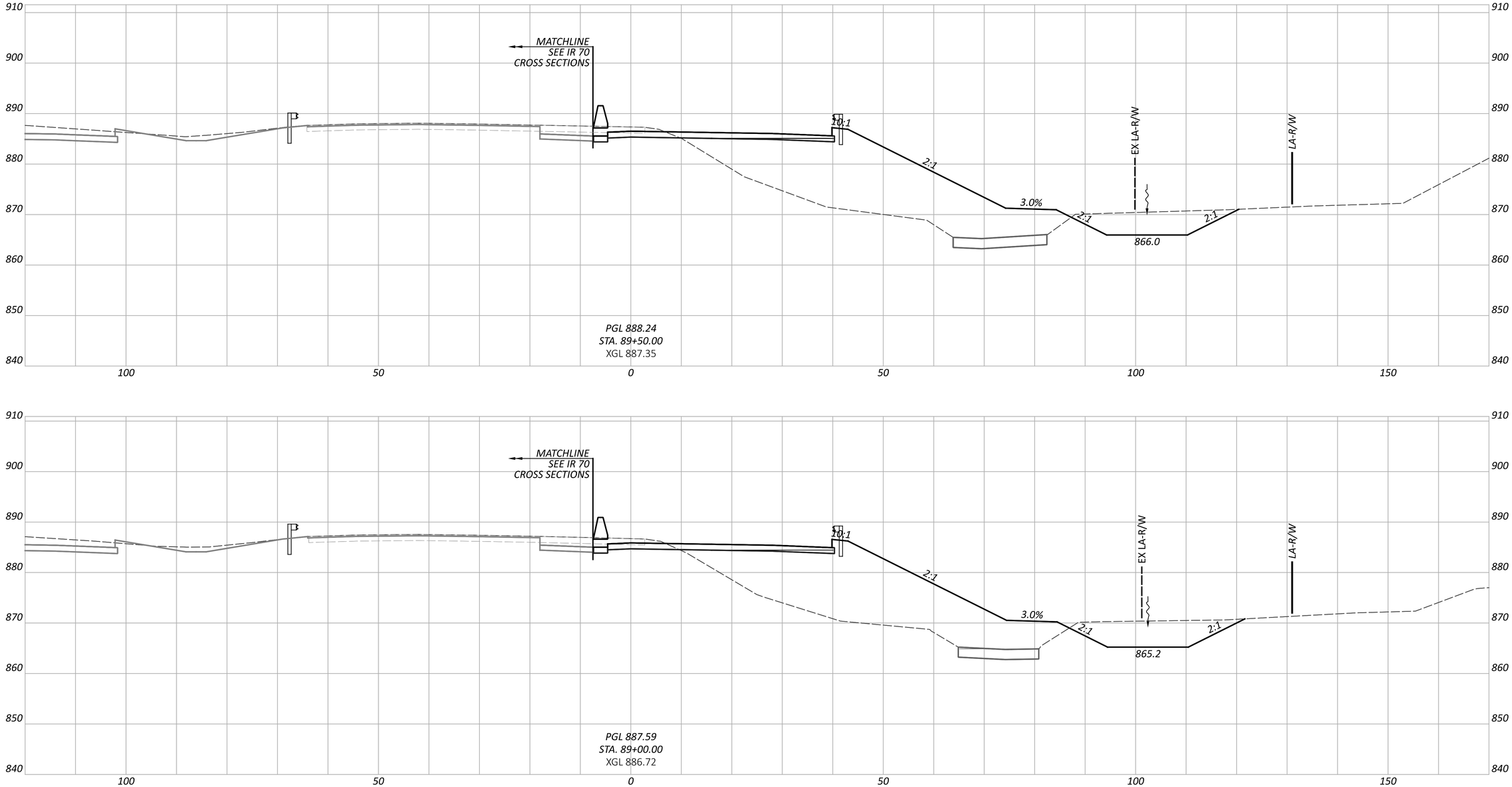
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0888 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 89+00.00 TO STA. 89+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

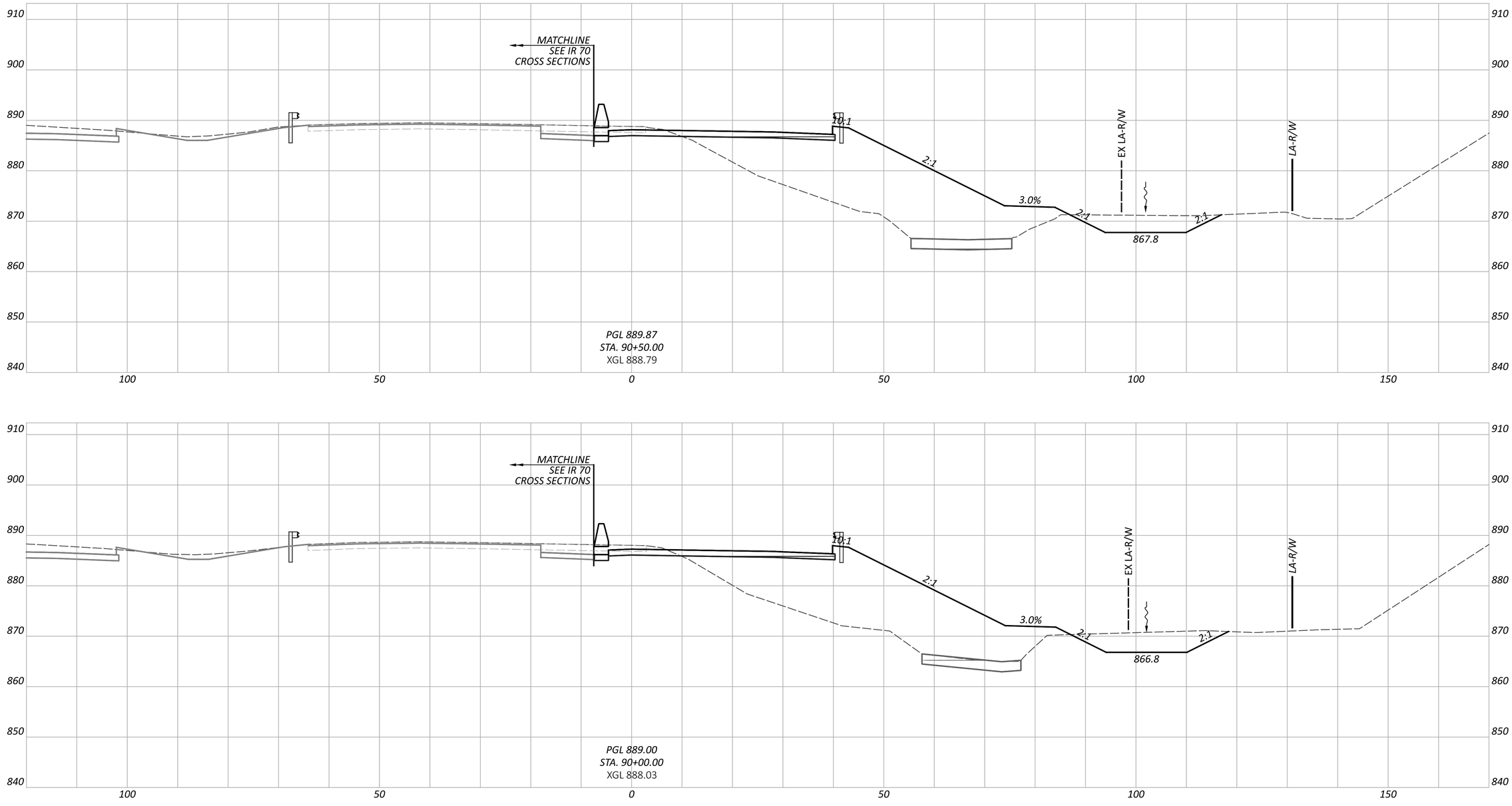
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0889 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 90+00.00 TO STA. 90+50.00

FAI/LIC-IR 70-0.00/0.00

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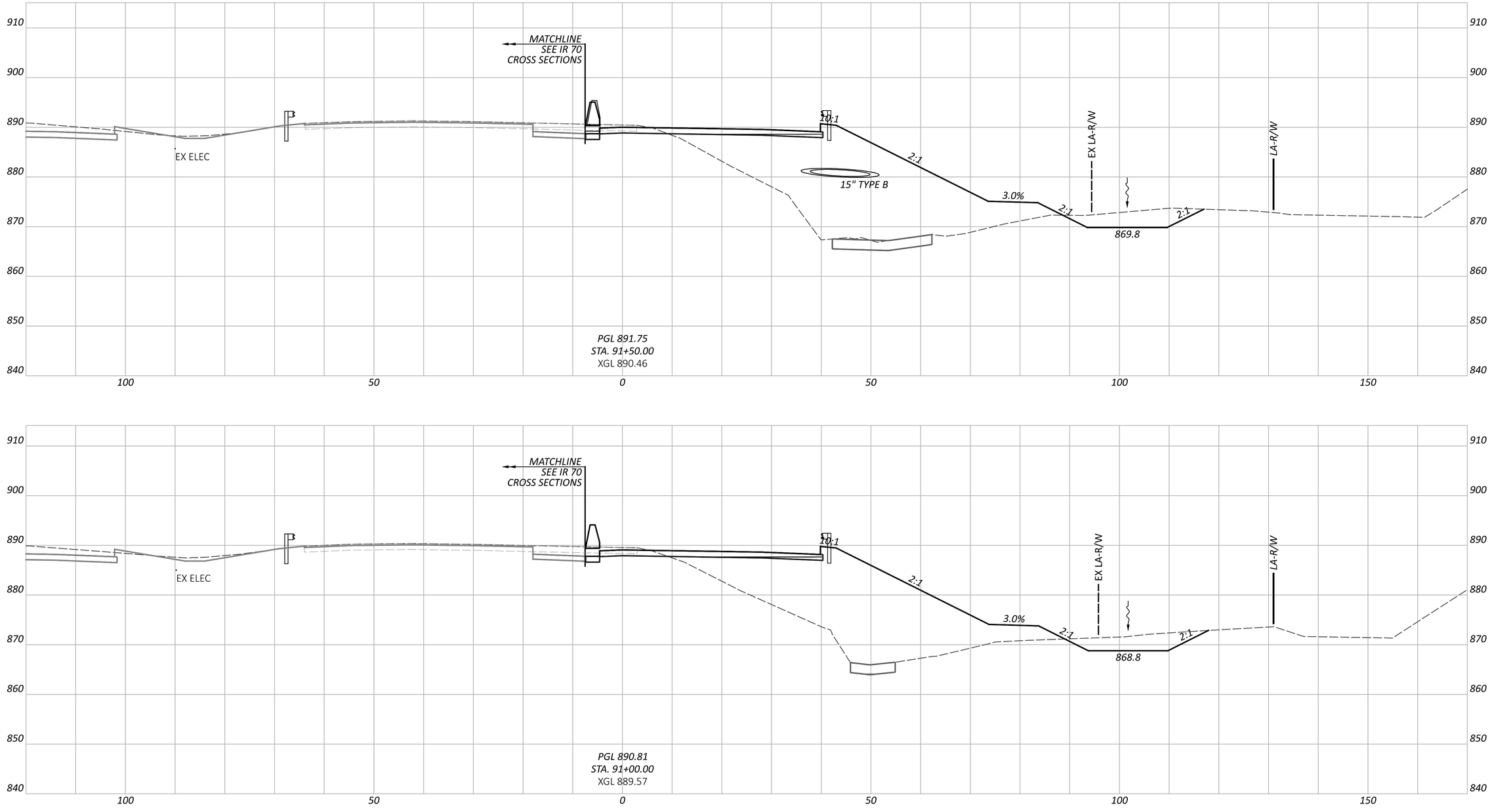
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0890
TOTAL	P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - RAMP K
STA. 91+00.00 TO STA. 91+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0891 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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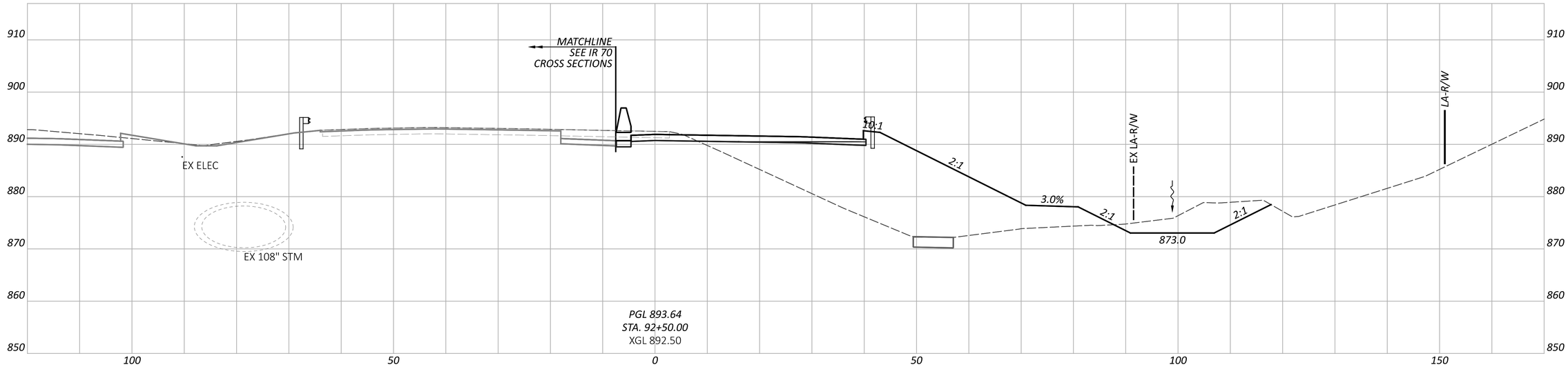
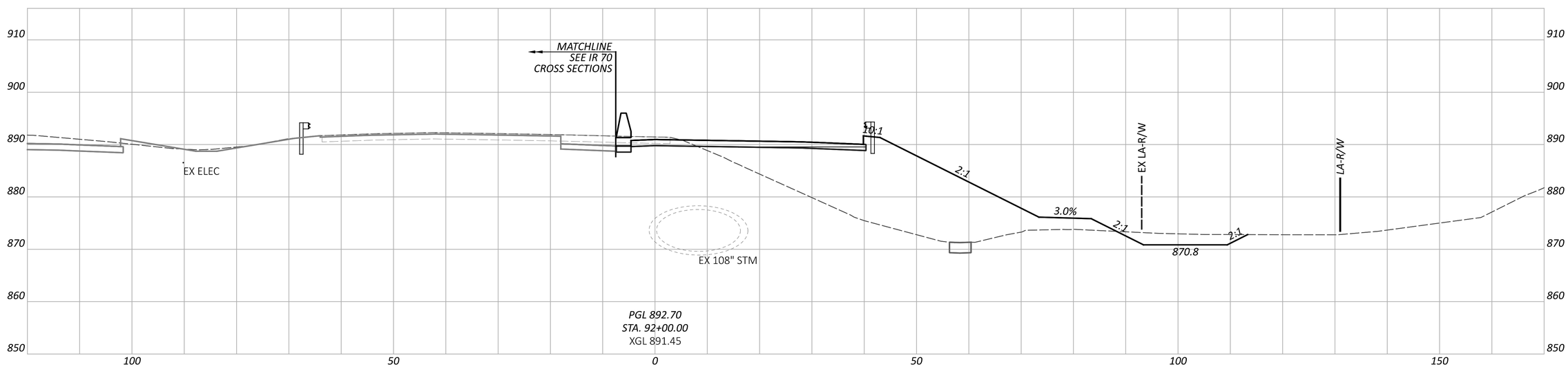
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





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STA. 92+00.00 TO STA. 92+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

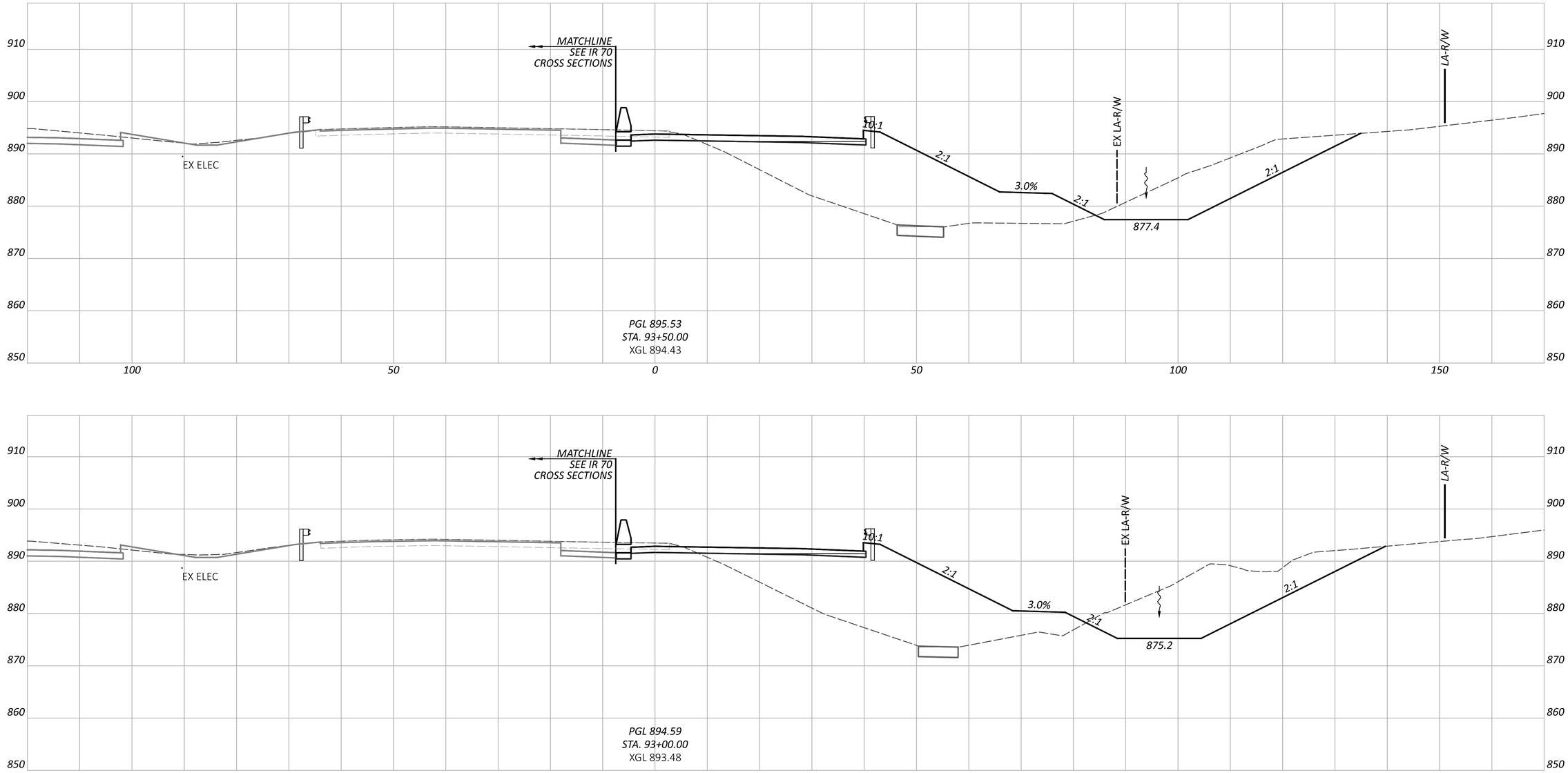
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0892 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 93+00.00 TO STA. 93+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

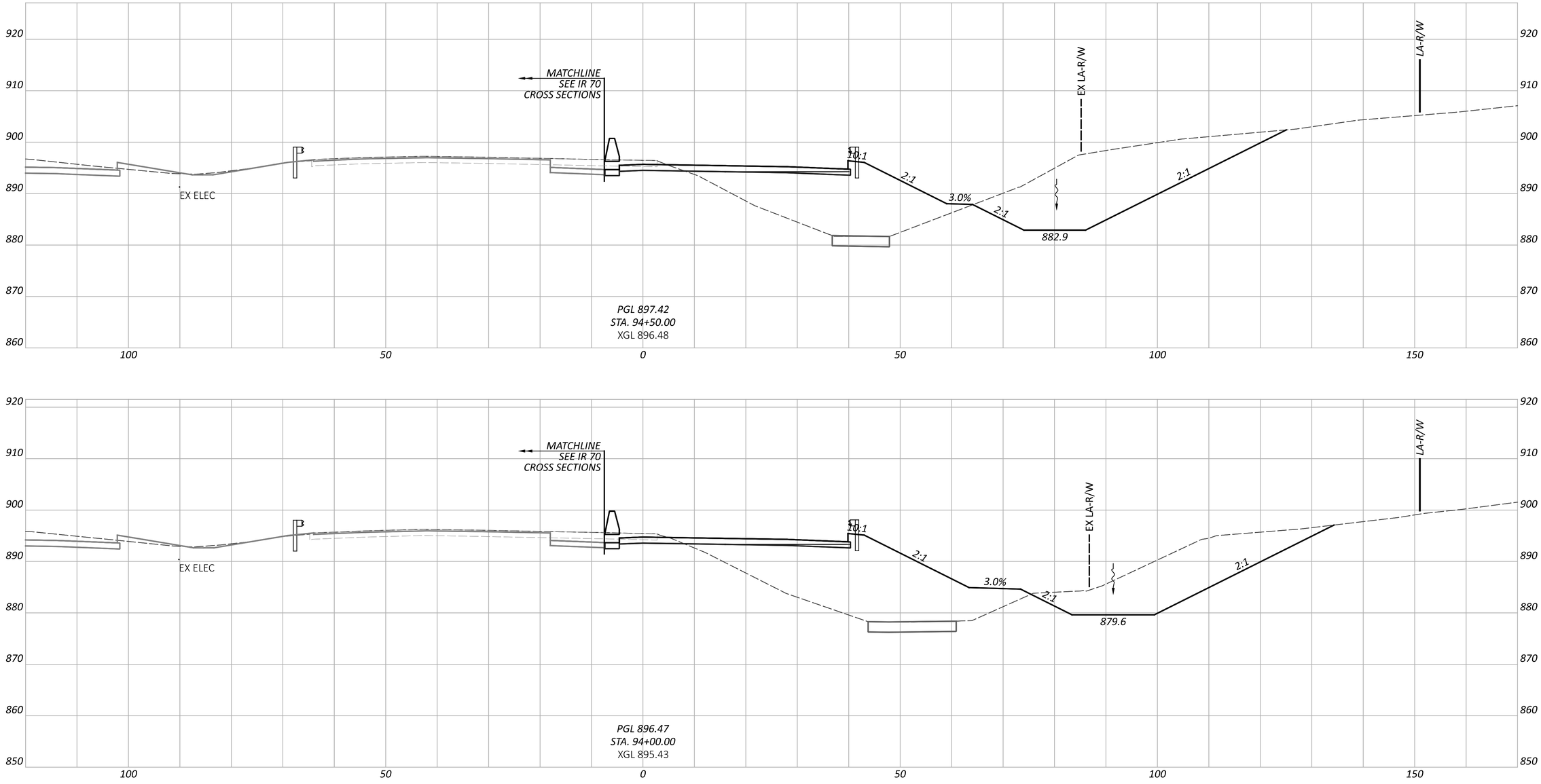
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0893 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 94+00.00 TO STA. 94+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0894 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 94+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:50:04 AM USER: brieder
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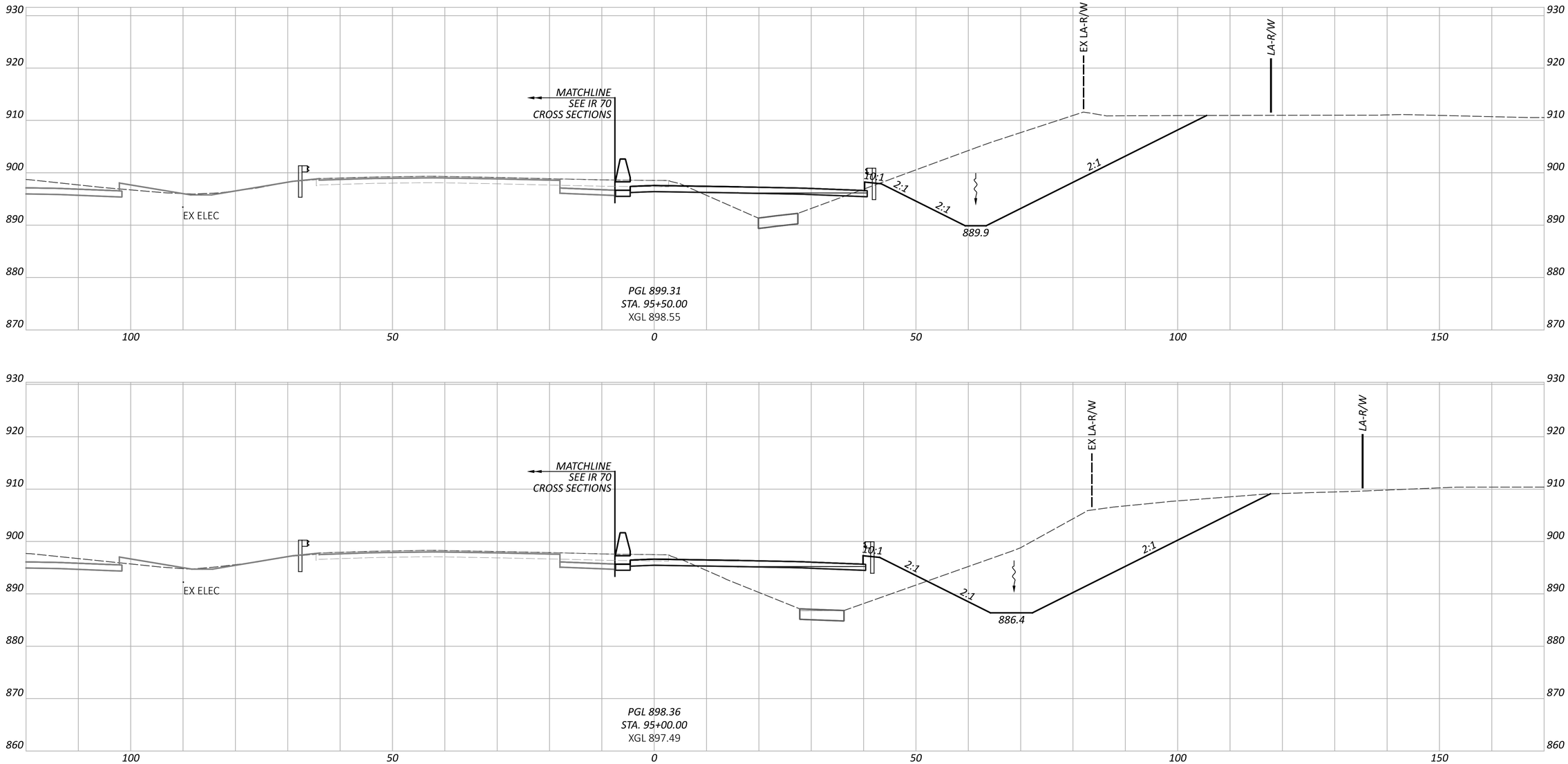
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 95+00.00 TO STA. 95+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0895 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 95+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:50:10 AM USER: brieder
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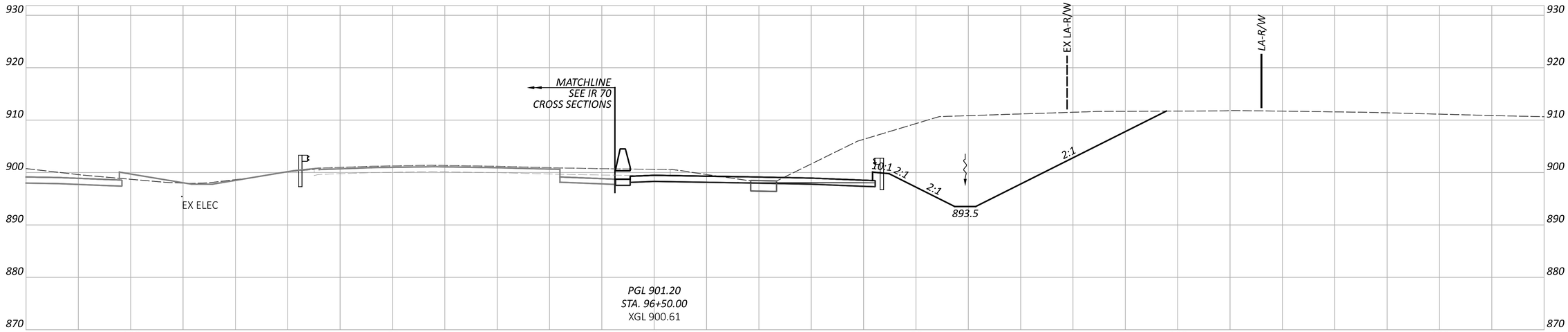
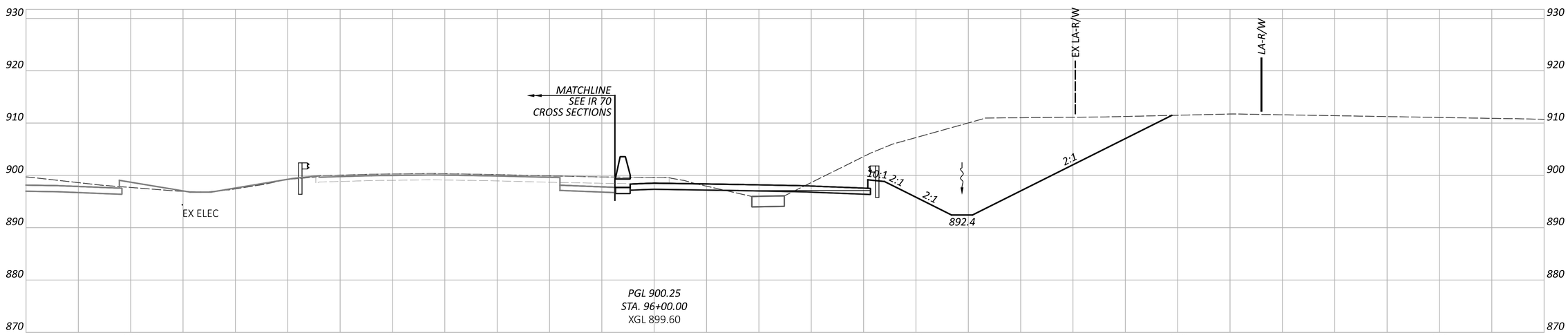
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 96+00.00 TO STA. 96+50.00

DESIGN AGENCY
WHITMAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0896 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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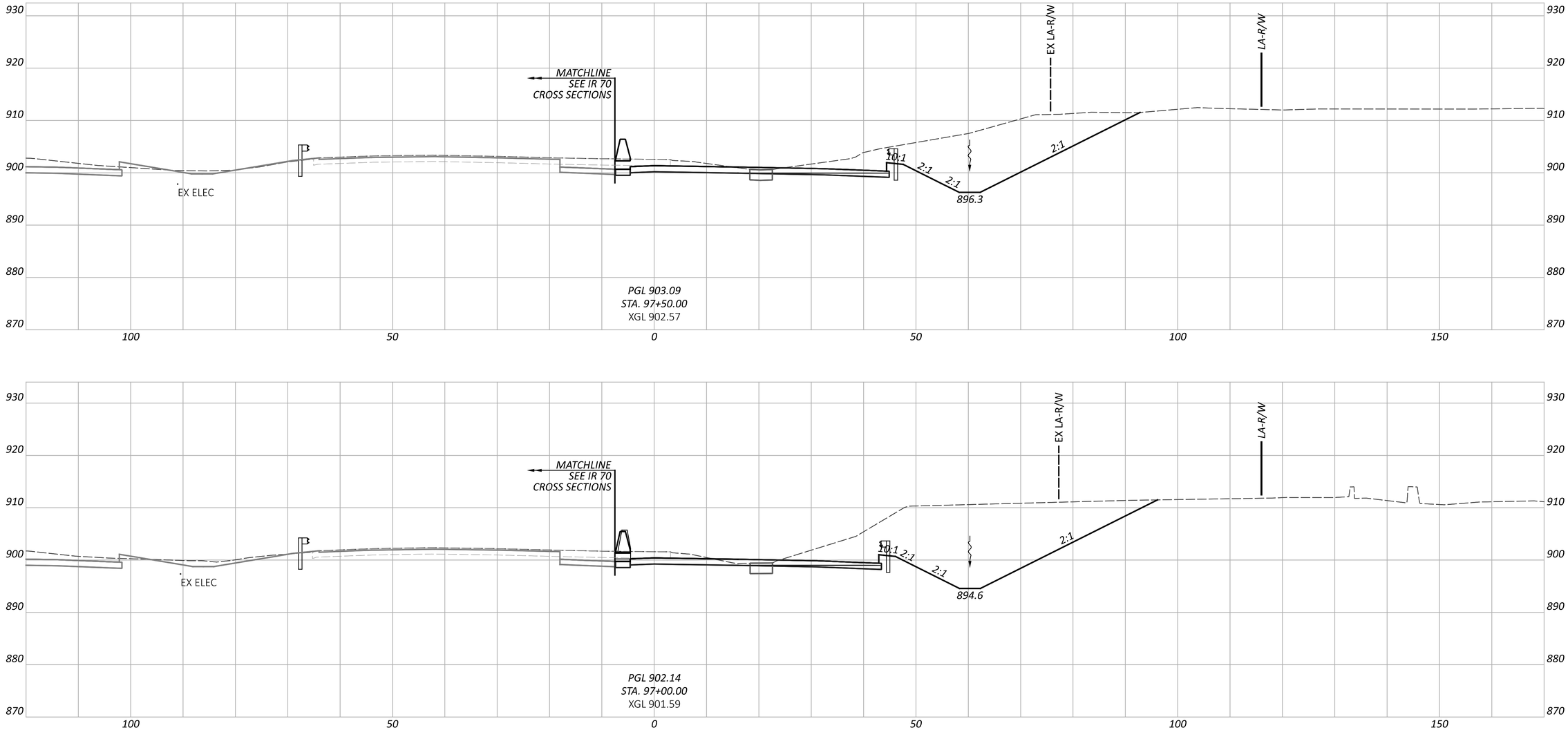
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 97+00.00 TO STA. 97+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

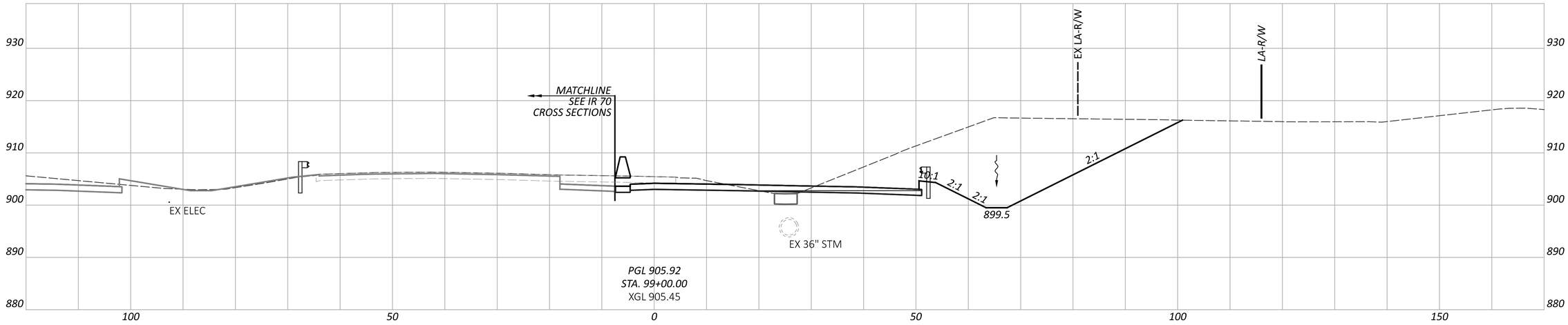
REVIEWER
KAM 08/07/26

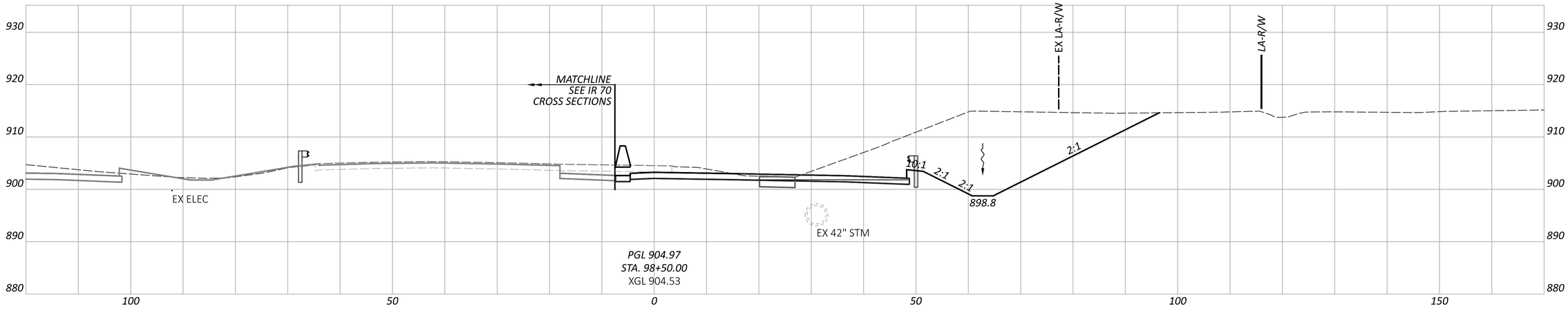
PROJECT ID
96808

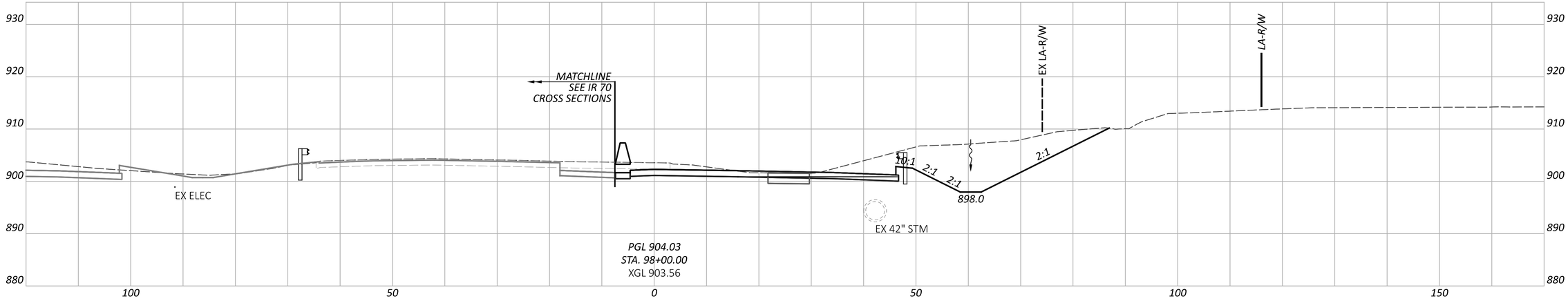
SHEET P.0897 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - RAMP K
STA. 98+00.00 TO STA. 99+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0898 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070K - 98+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:50:31 AM USER: brieder
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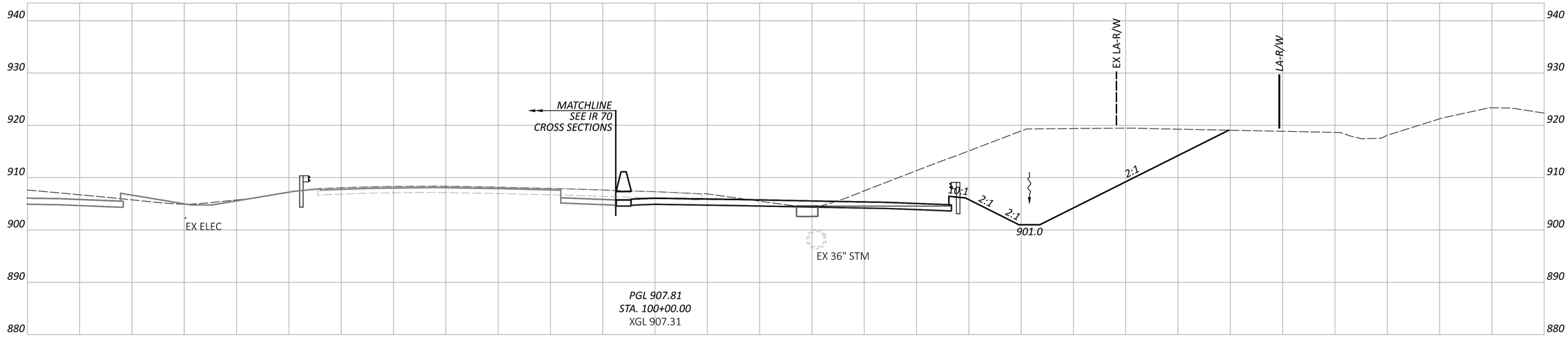
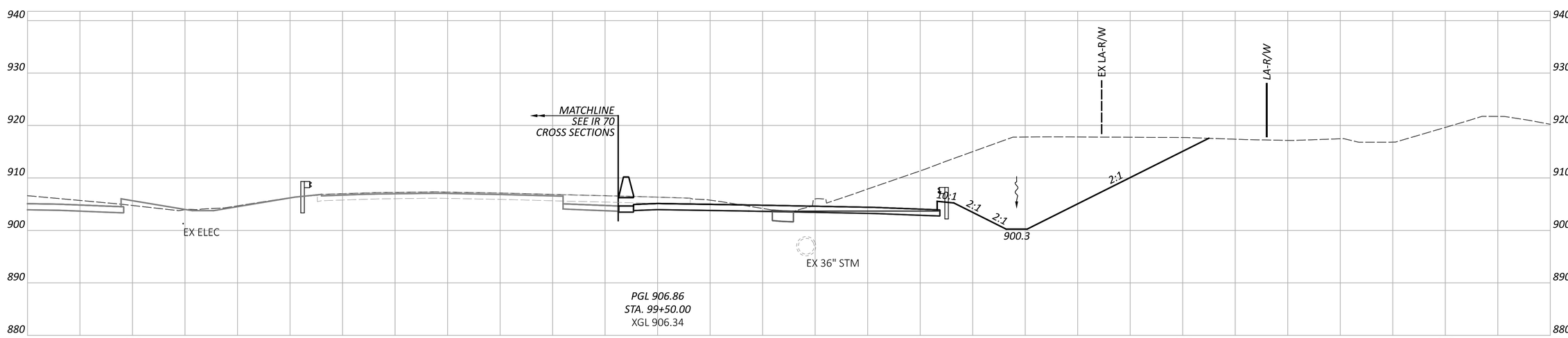
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP





CROSS SECTIONS - RAMP K
STA. 99+50.00 TO STA. 100+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0899 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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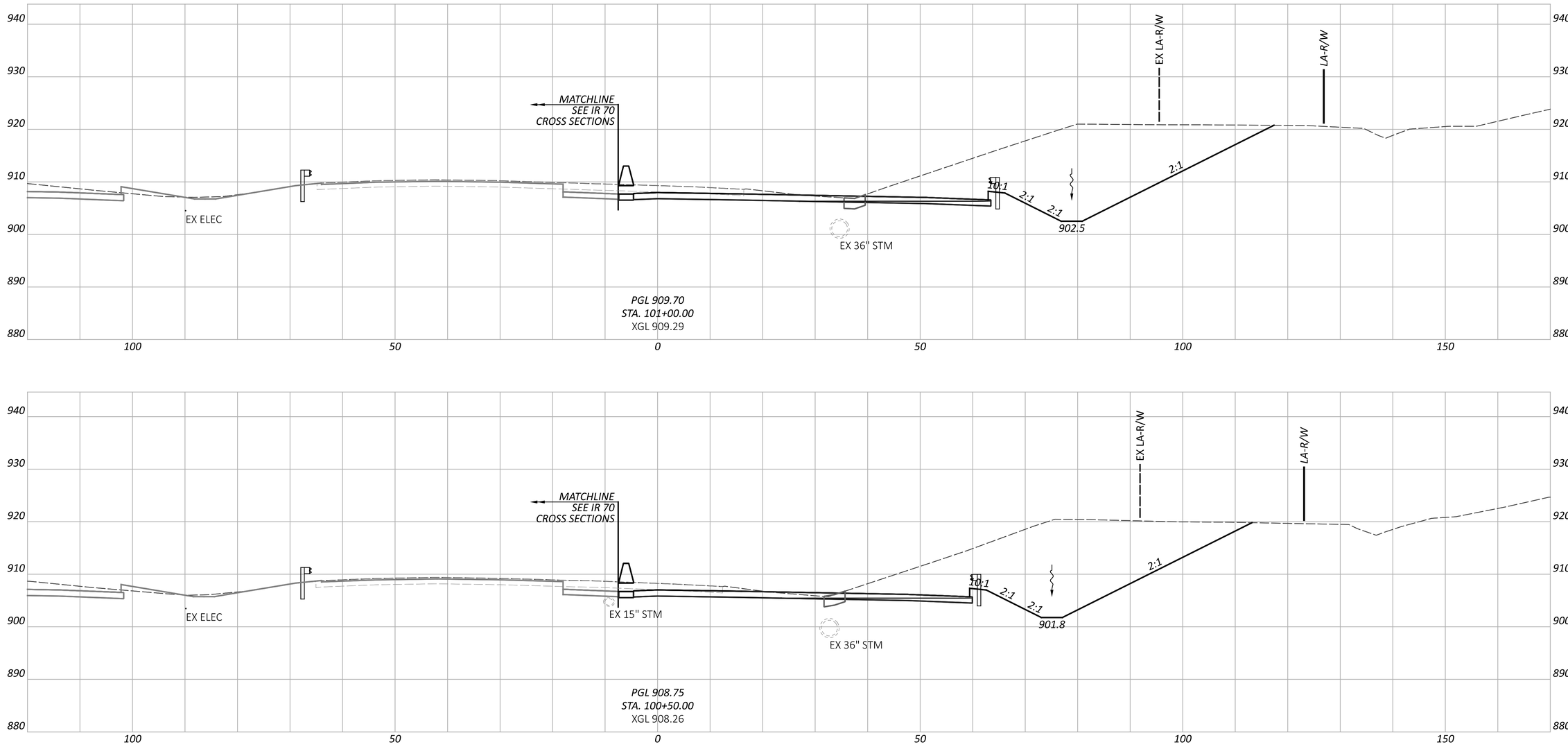
EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 100+50.00 TO STA. 101+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

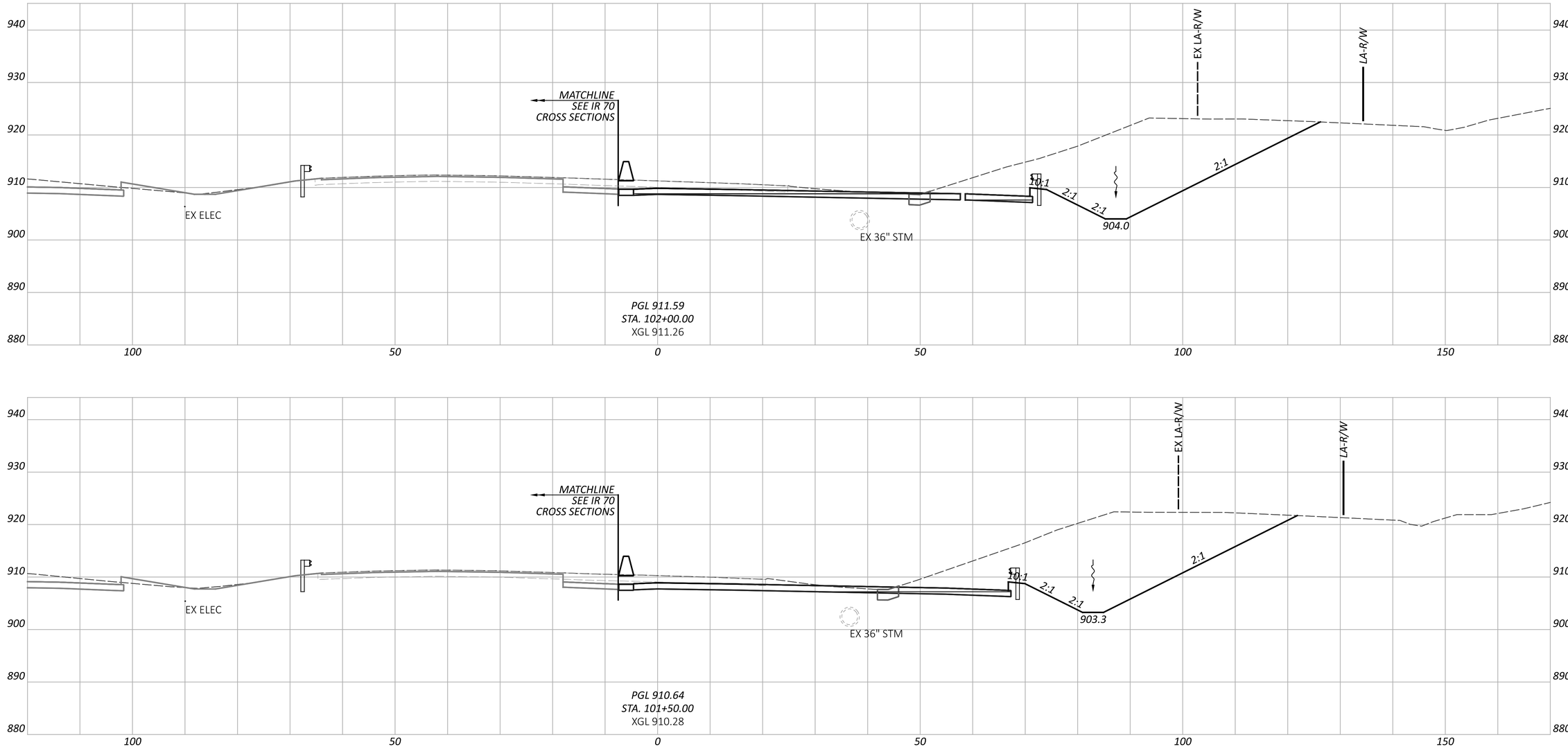
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0900 TOTAL P.2024

EXISTING DITCH EXCAVATION PER GEOTECH SECTION 501
ITEM 204 - EXCAVATION AND
ITEM 204 - EMBANKMENT

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 101+50.00 TO STA. 102+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

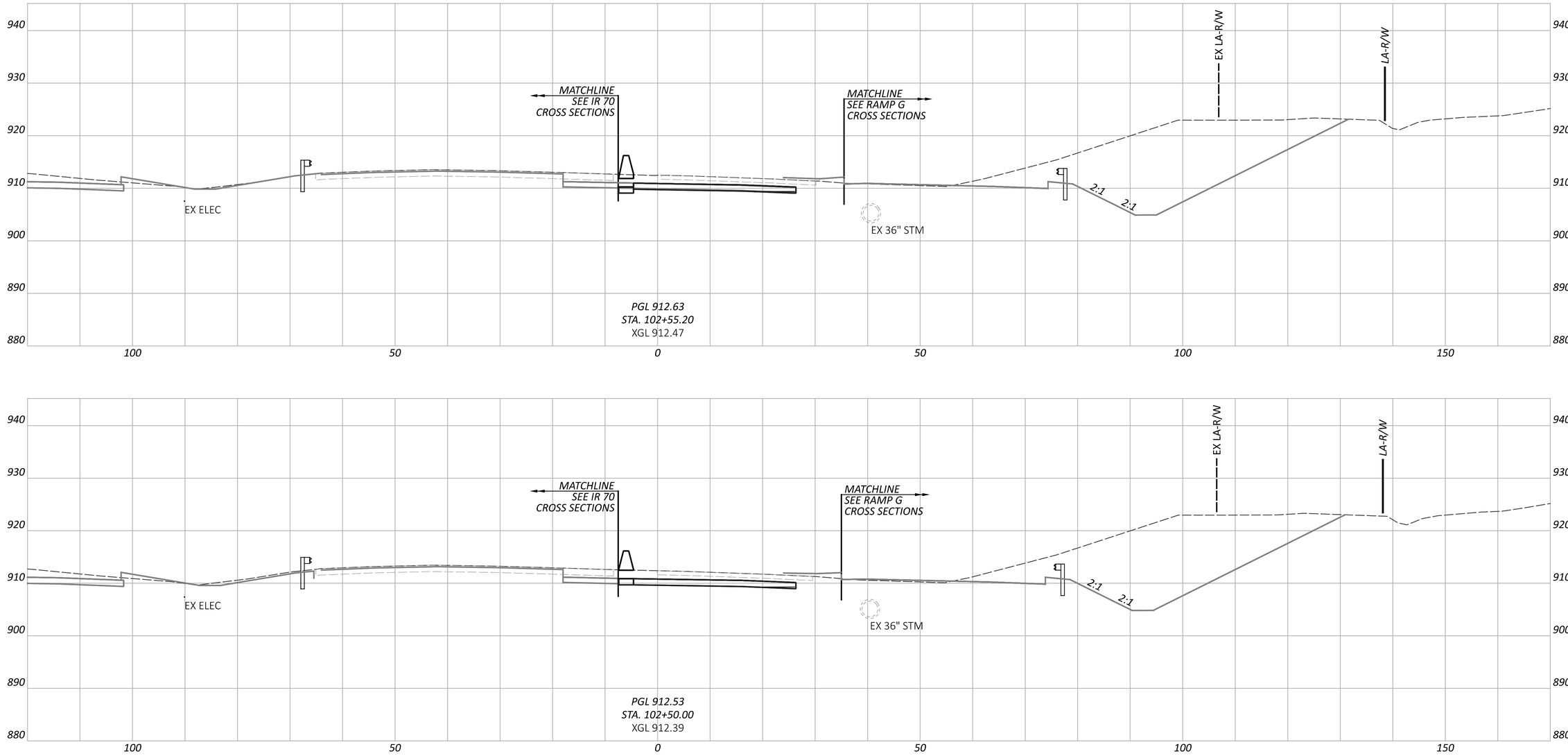
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0901 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - RAMP K
STA. 102+50.00 TO STA. 102+55.20

FAI/LIC-IR 70-0.00/0.00

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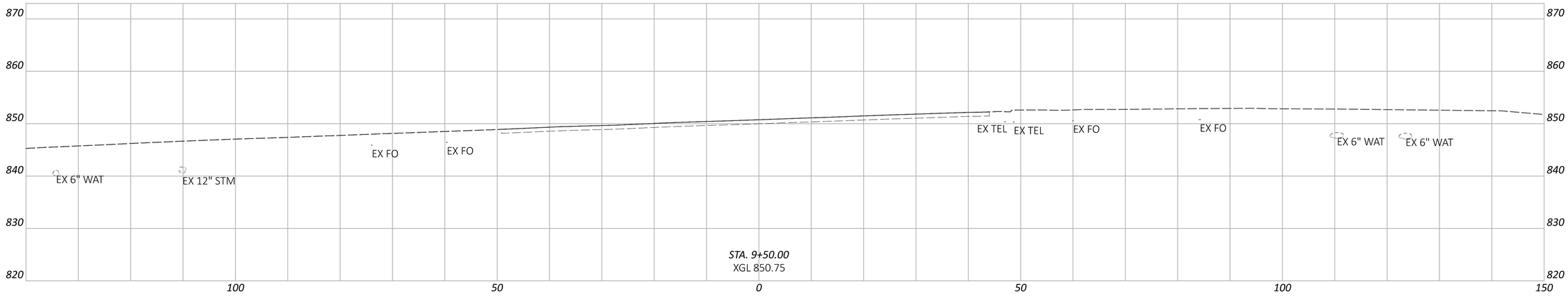
DESIGN AGENCY
STRUCTUREPOINT

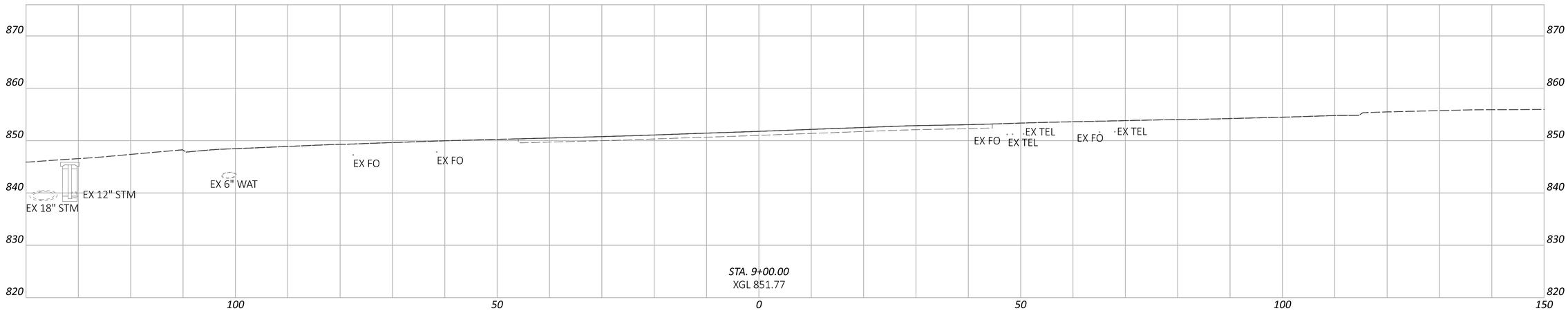
DESIGNER
BER

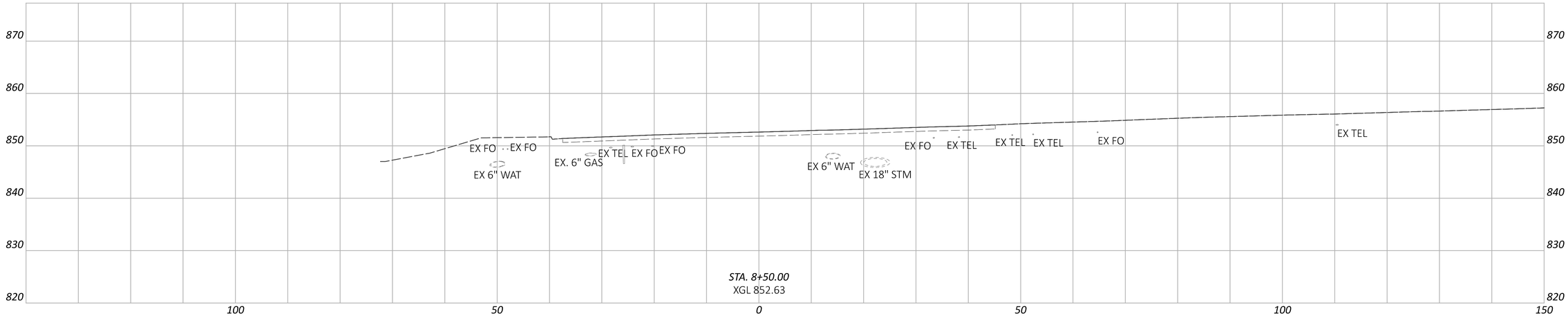
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0902 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 8+50.00 TO STA. 9+50.00

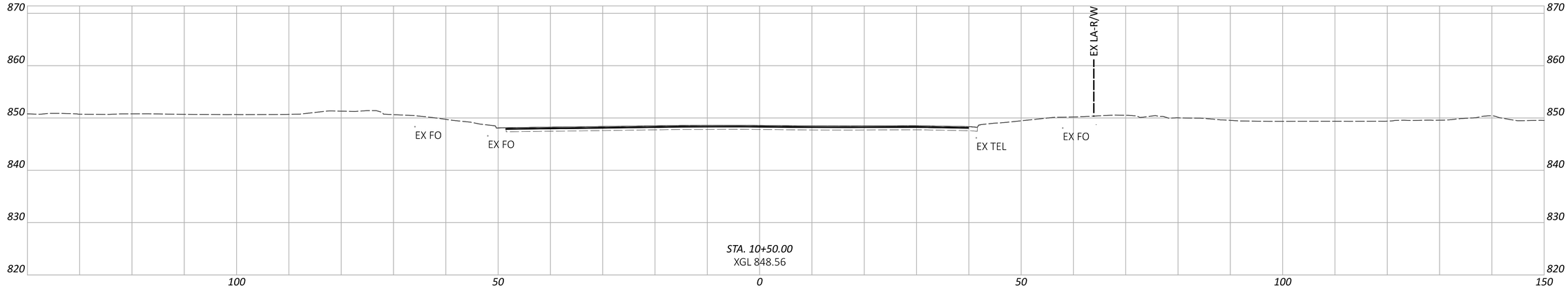
DESIGN AGENCY
STRUCTUREPOINT LLC

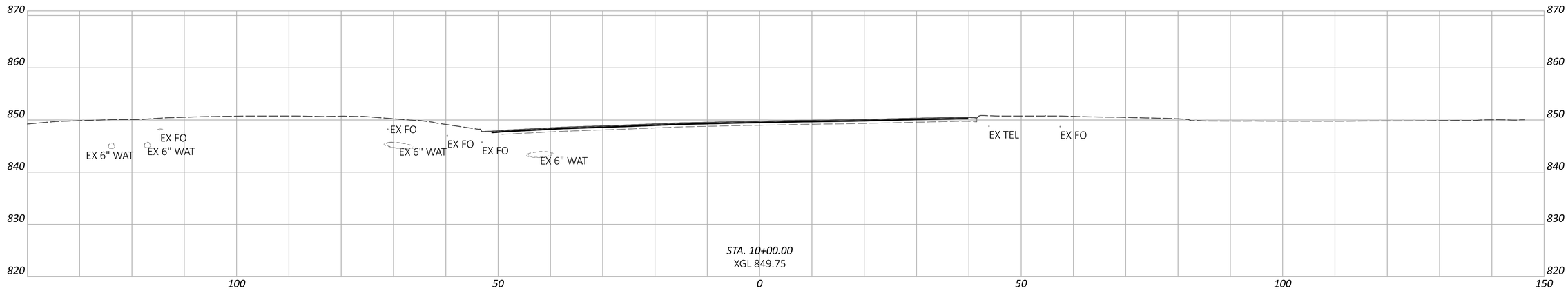
DESIGNER
BER

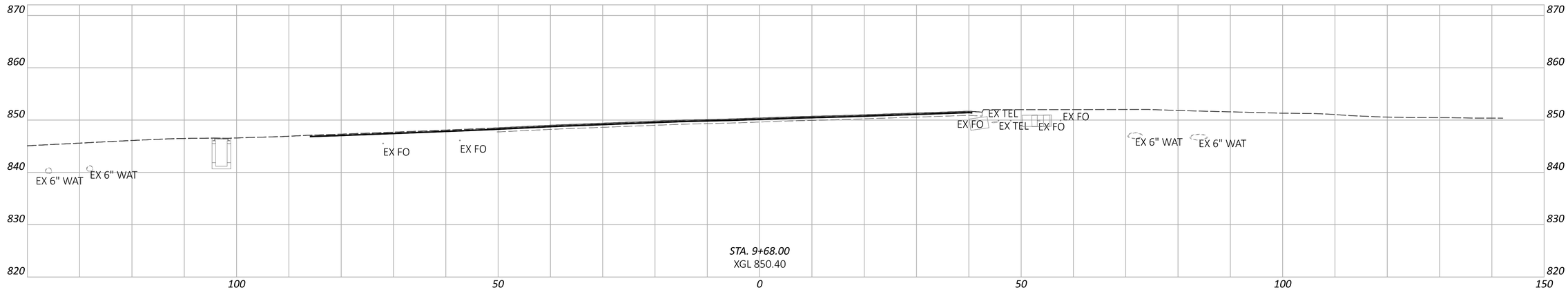
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0903 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 9+68.00 TO STA. 10+50.00

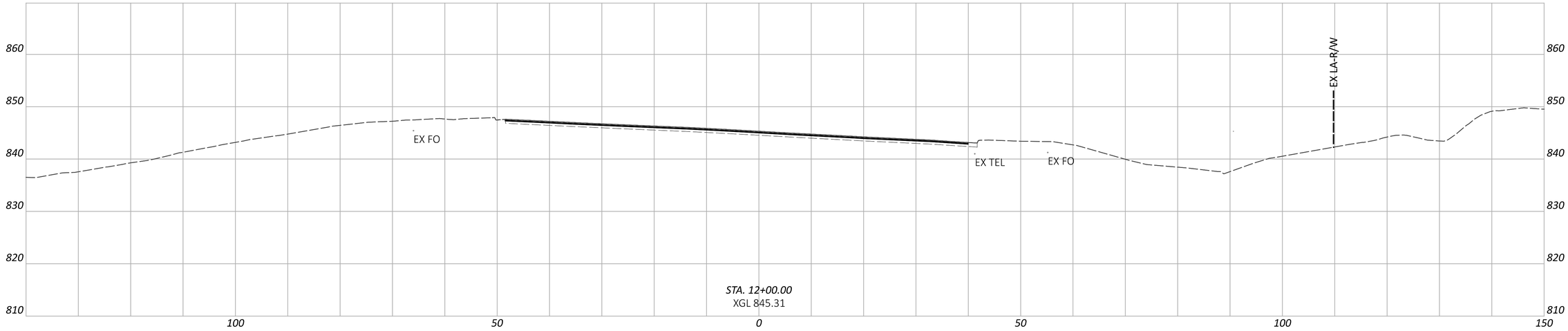
DESIGN AGENCY
STRUCTUREPOINT LLC

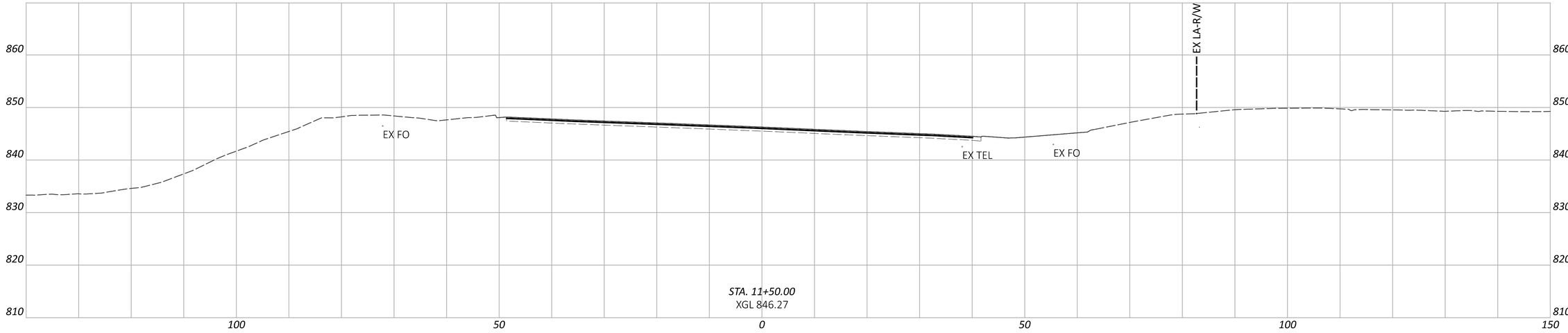
DESIGNER
BER

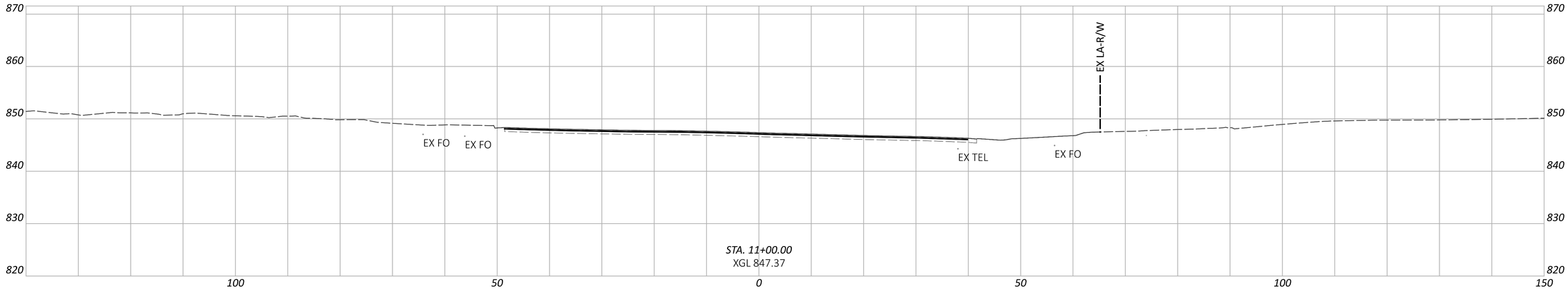
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0904 | TOTAL P.2024







CROSS SECTIONS - SR 256
STA. 11+00.00 TO STA 12+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0905 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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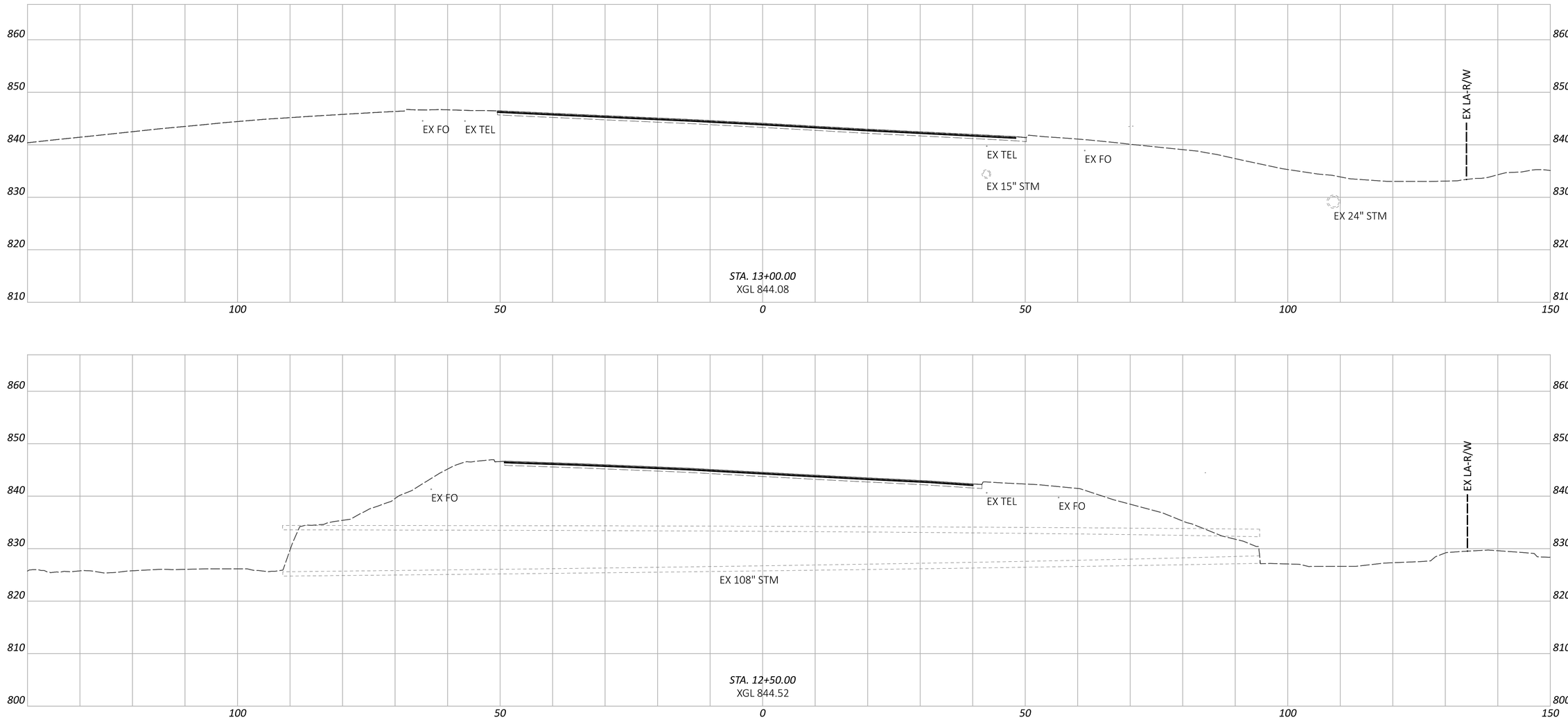

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 12+50.00 TO STA. 13+00.00

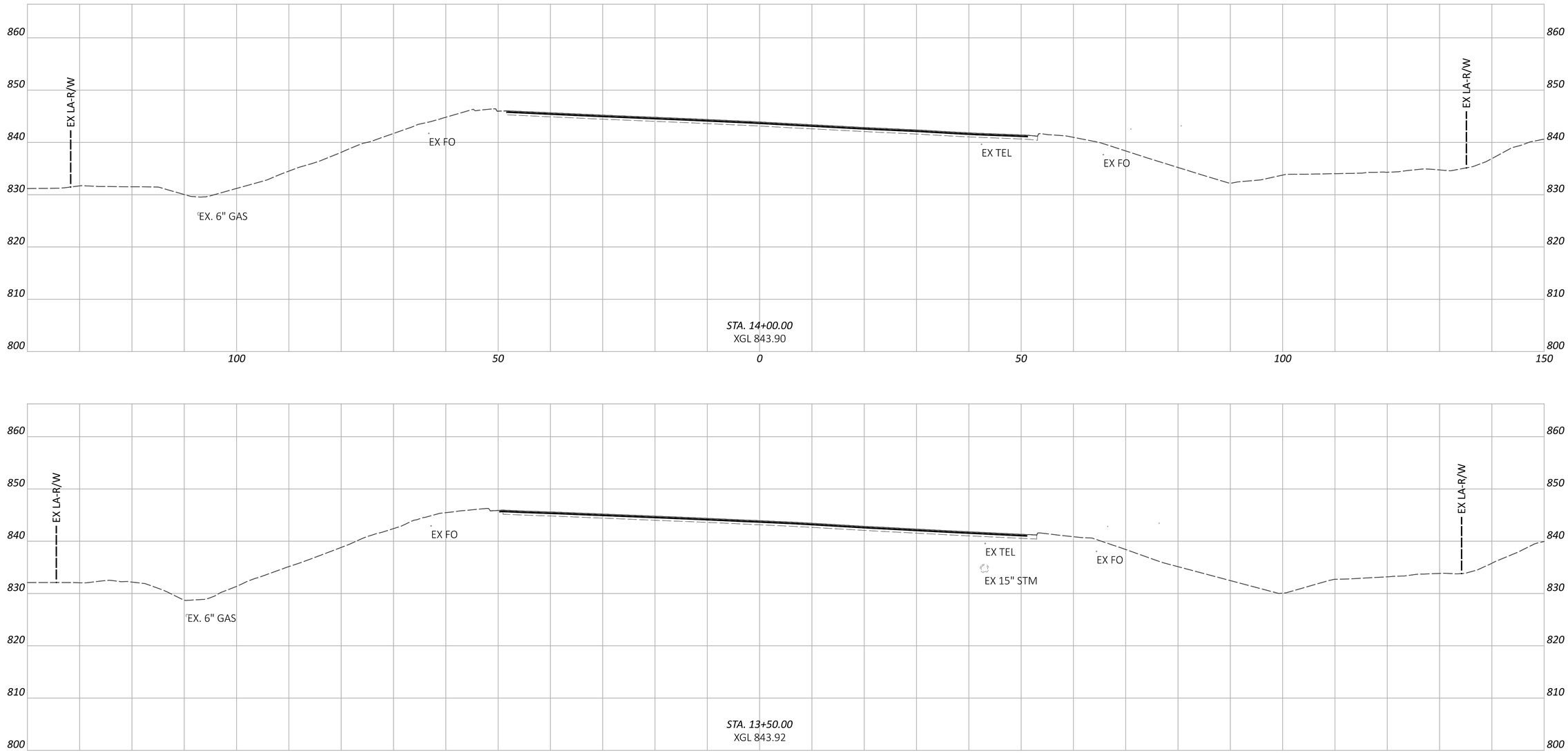
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0906 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 13+50.00 TO STA. 14+00.00

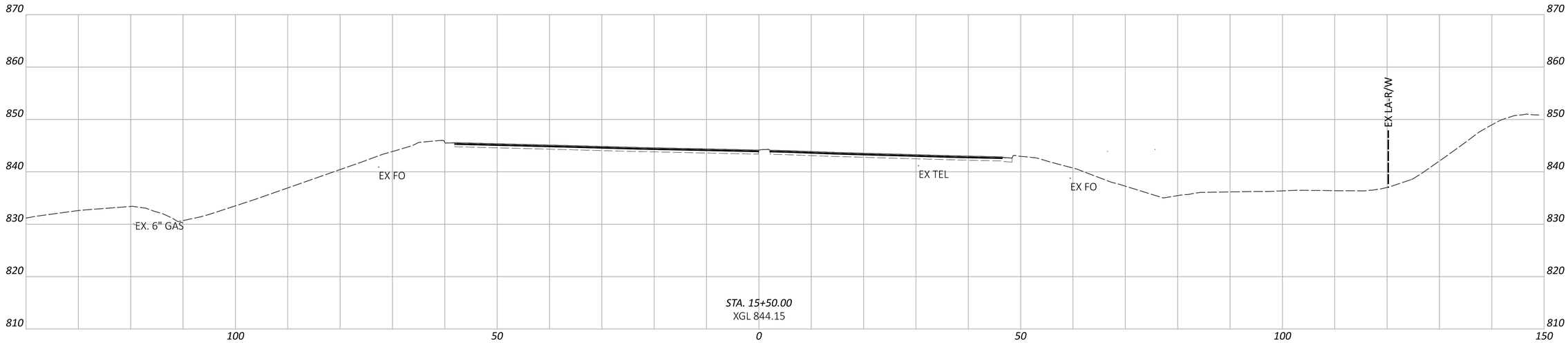
DESIGN AGENCY
STRUCTUREPOINT LLC

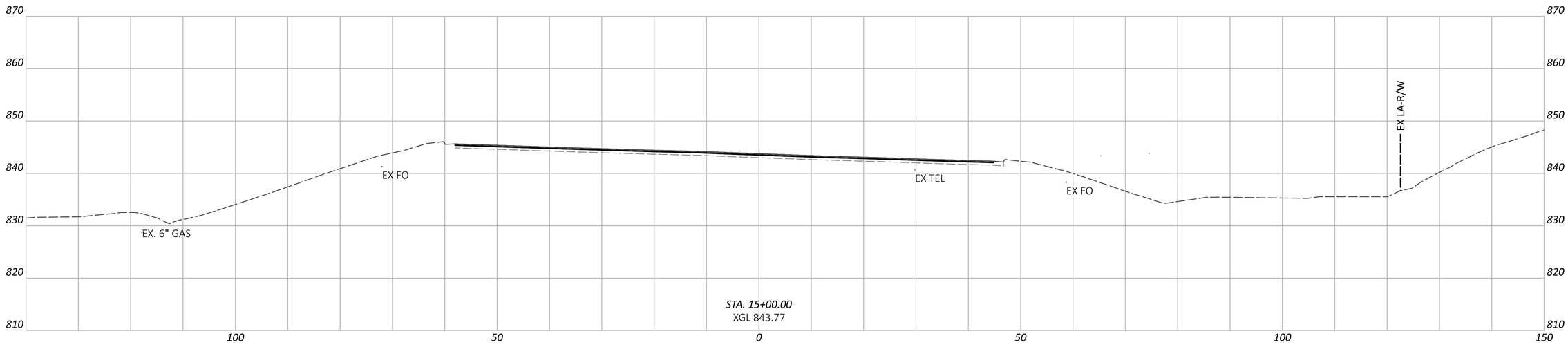
DESIGNER
BER

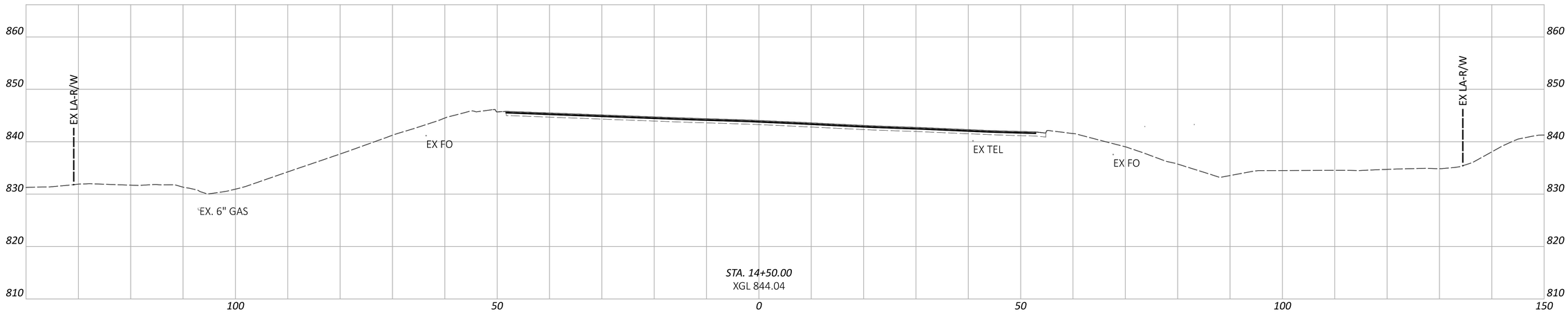
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0907 TOTAL P.2024







CROSS SECTIONS - SR 256
STA. 14+50.00 TO STA. 15+50.00

FAI/LIC-IR 70-0.00/0.00

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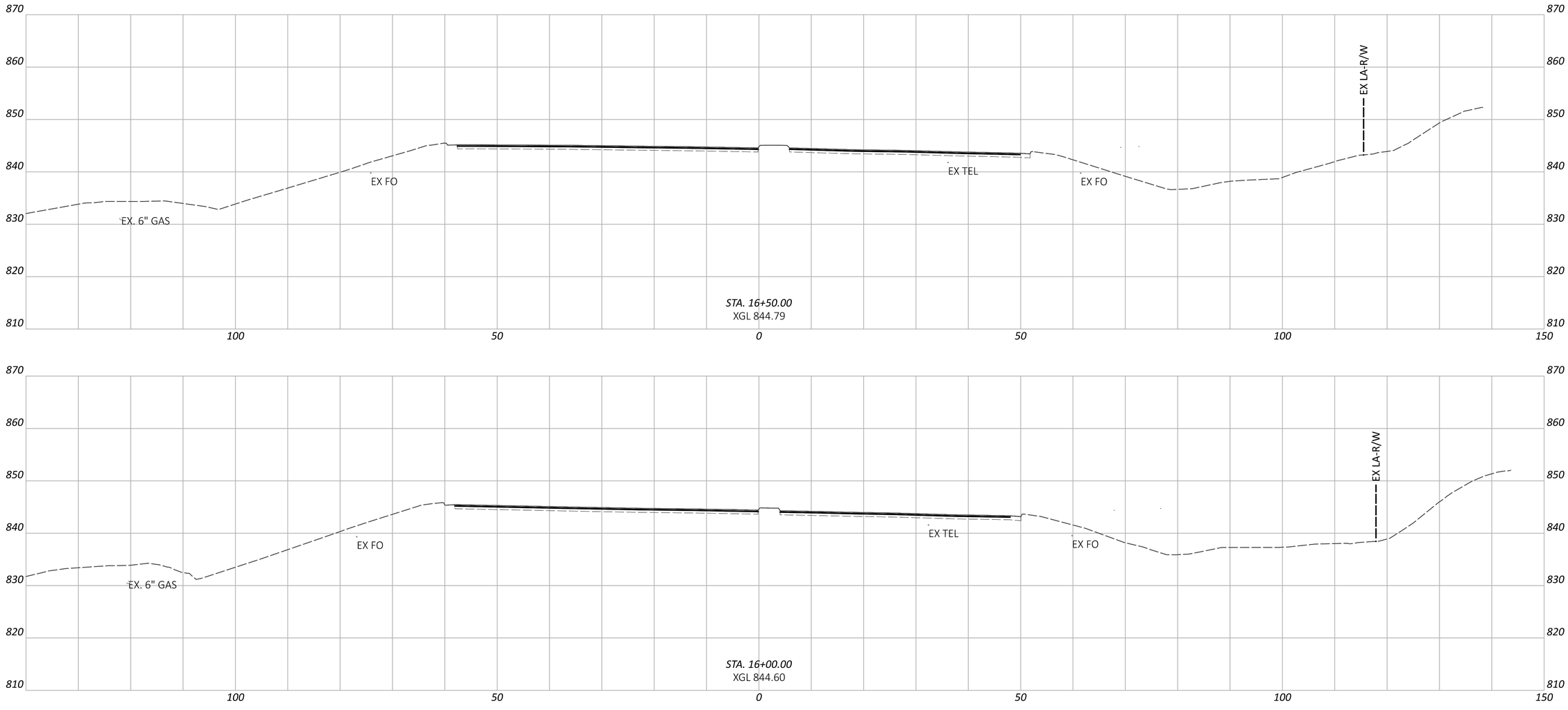
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0908 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 16+00.00 TO STA. 16+50.00

FAI/LIC-IR 70-0.00/0.00

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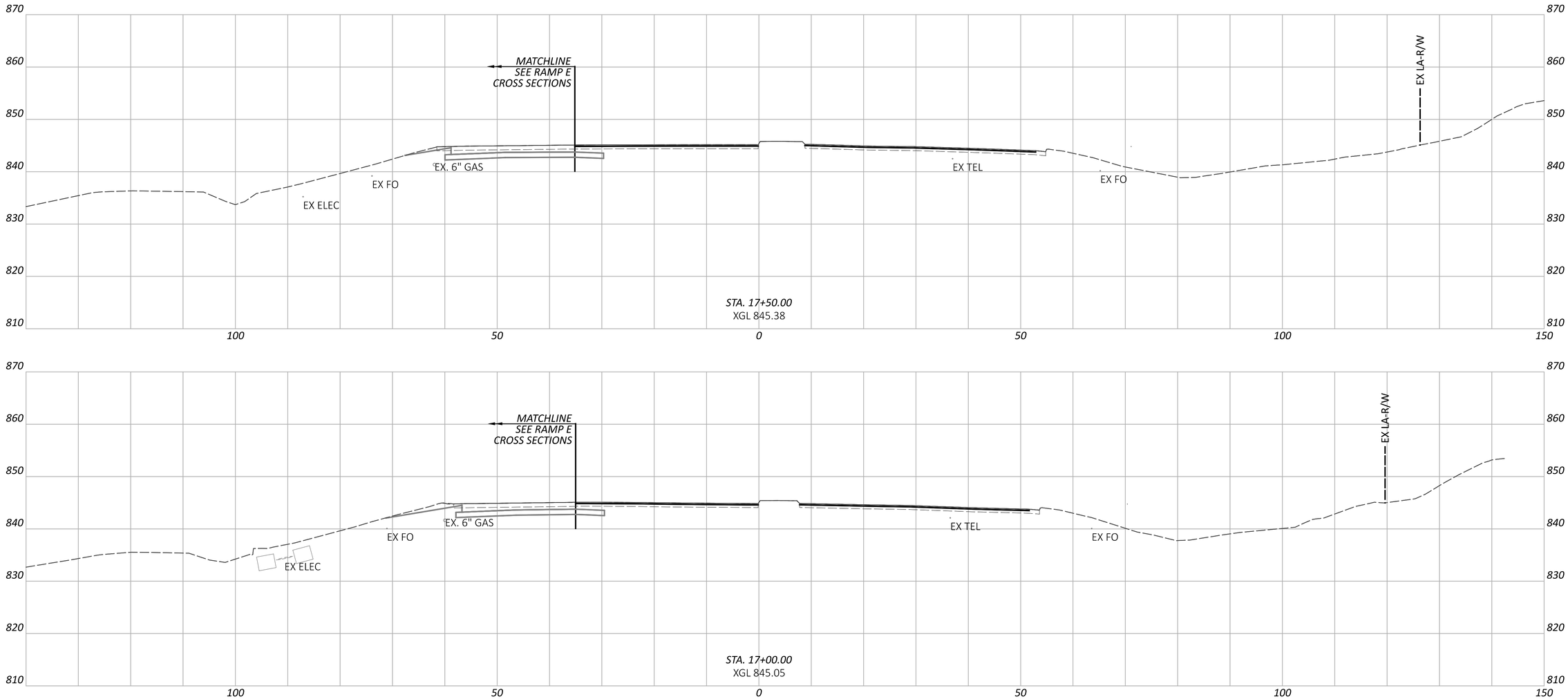
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0909 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 17+00.00 TO STA. 17+50.00

FAI/LIC-IR 70-0.00/0.00

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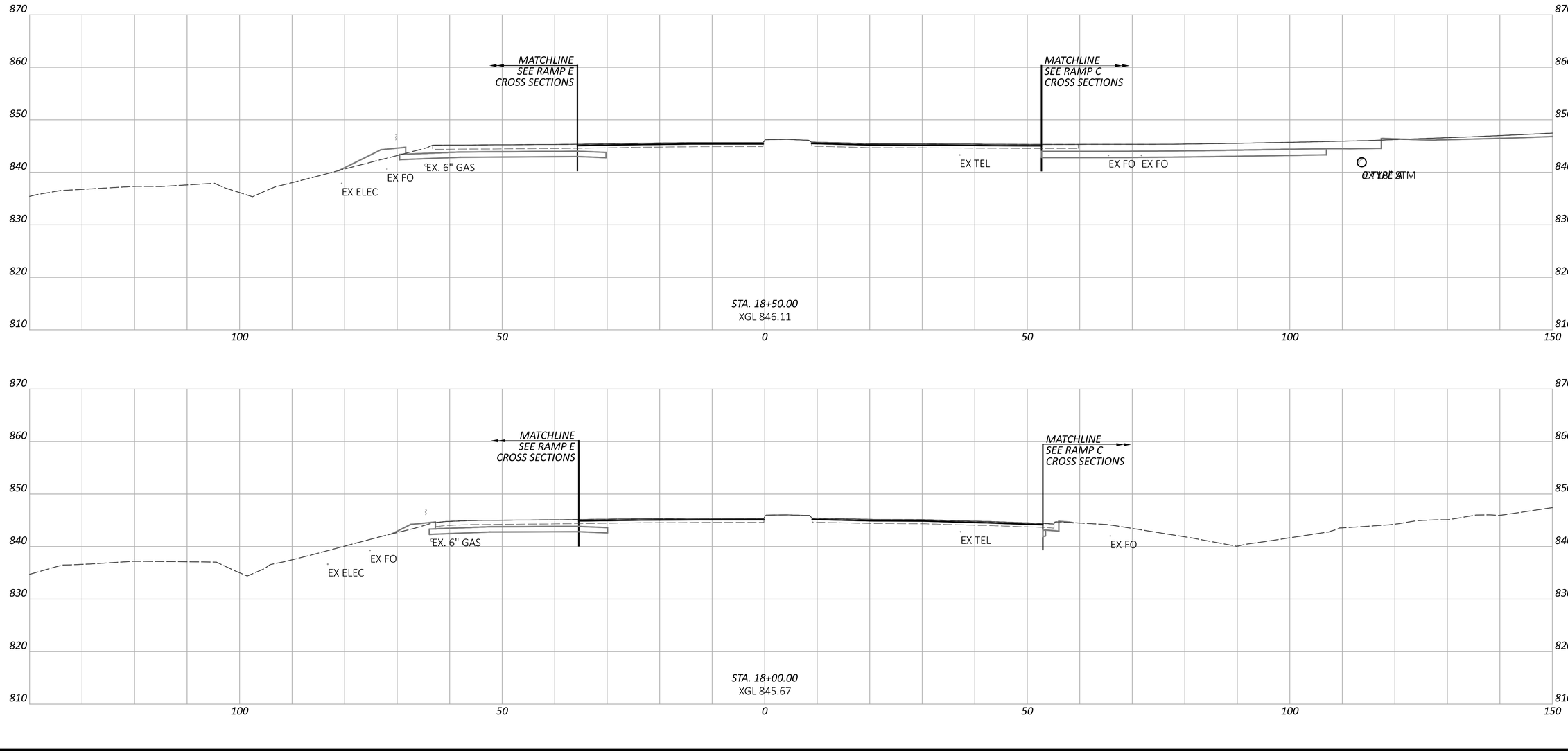
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0910 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 18+00.00 TO STA. 18+50.00

FAI/LIC-IR 70-0.00/0.00

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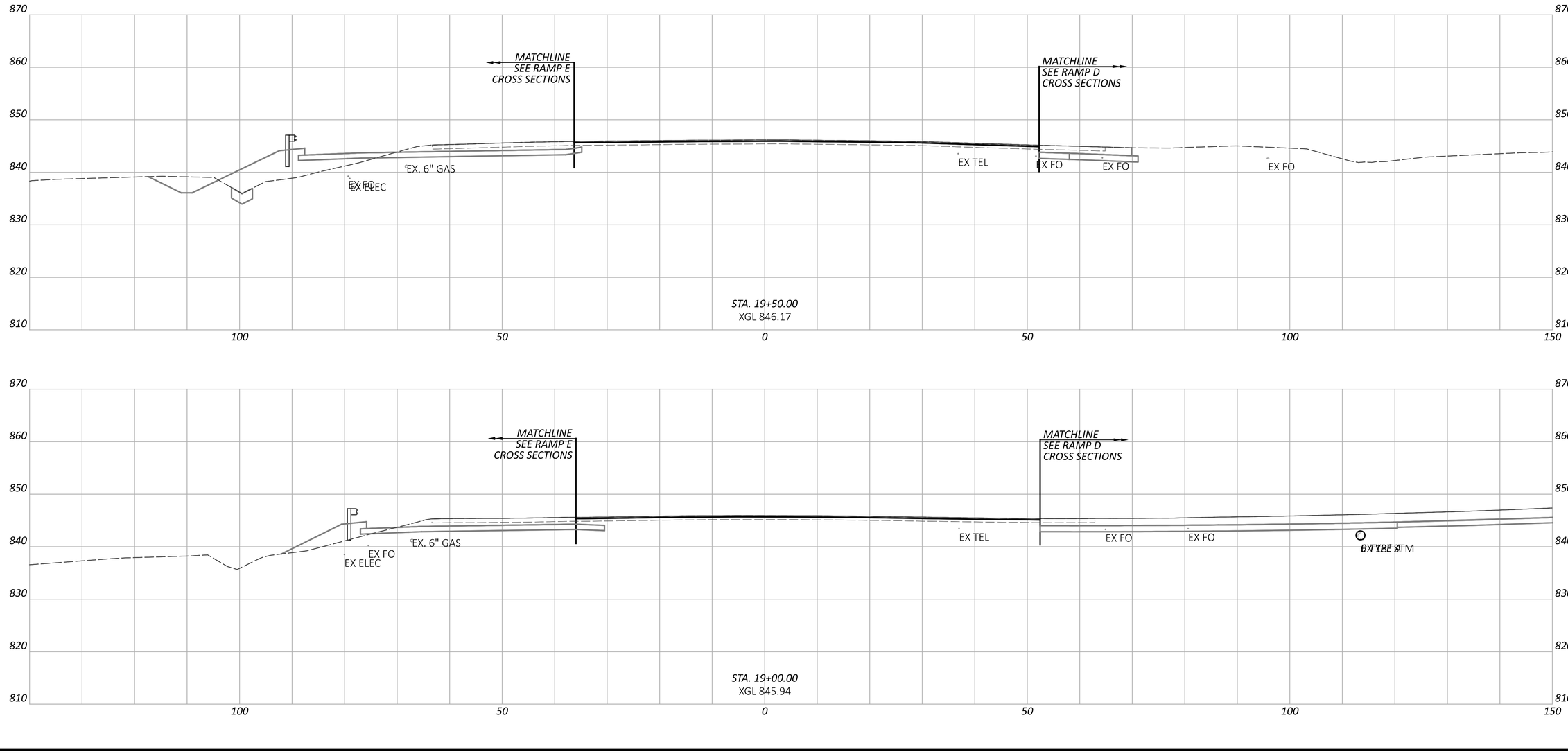
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0911 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 19+00.00 TO STA. 19+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0912
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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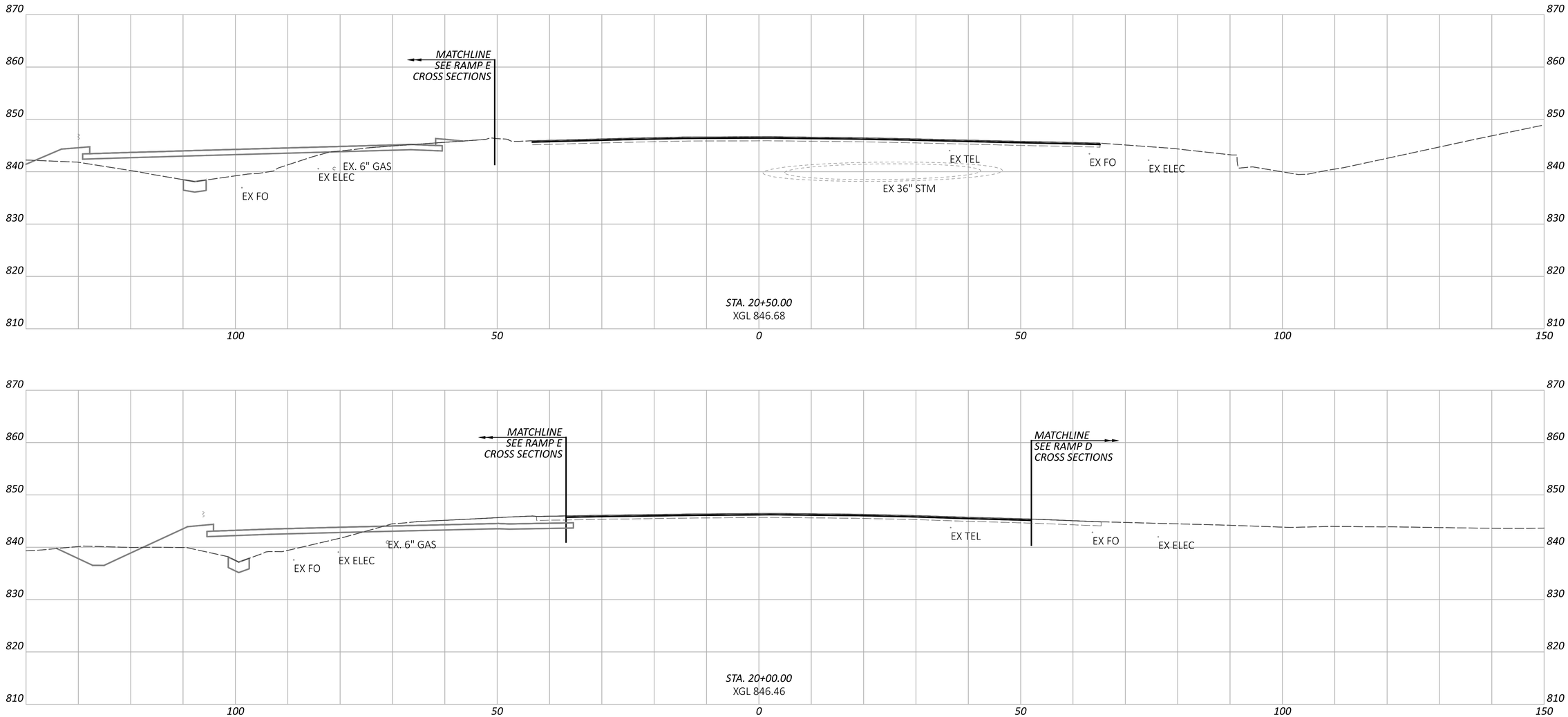

CROSS SECTIONS - SR 256
STA. 20+00.00 TO STA. 20+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0913
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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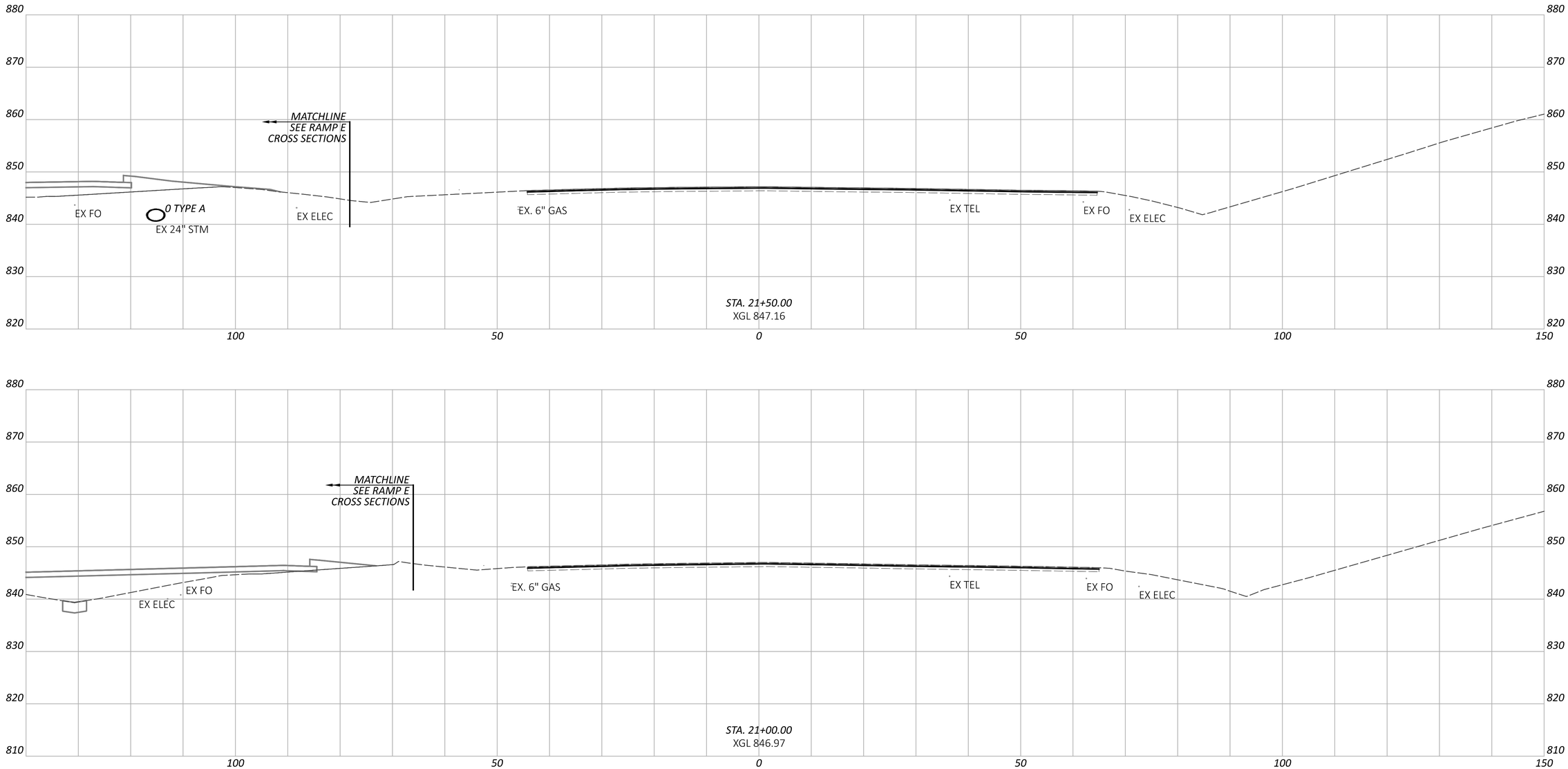

CROSS SECTIONS - SR 256
STA. 21+00.00 TO STA. 21+50.00

FAI/LIC-IR 70-0.00/0.00

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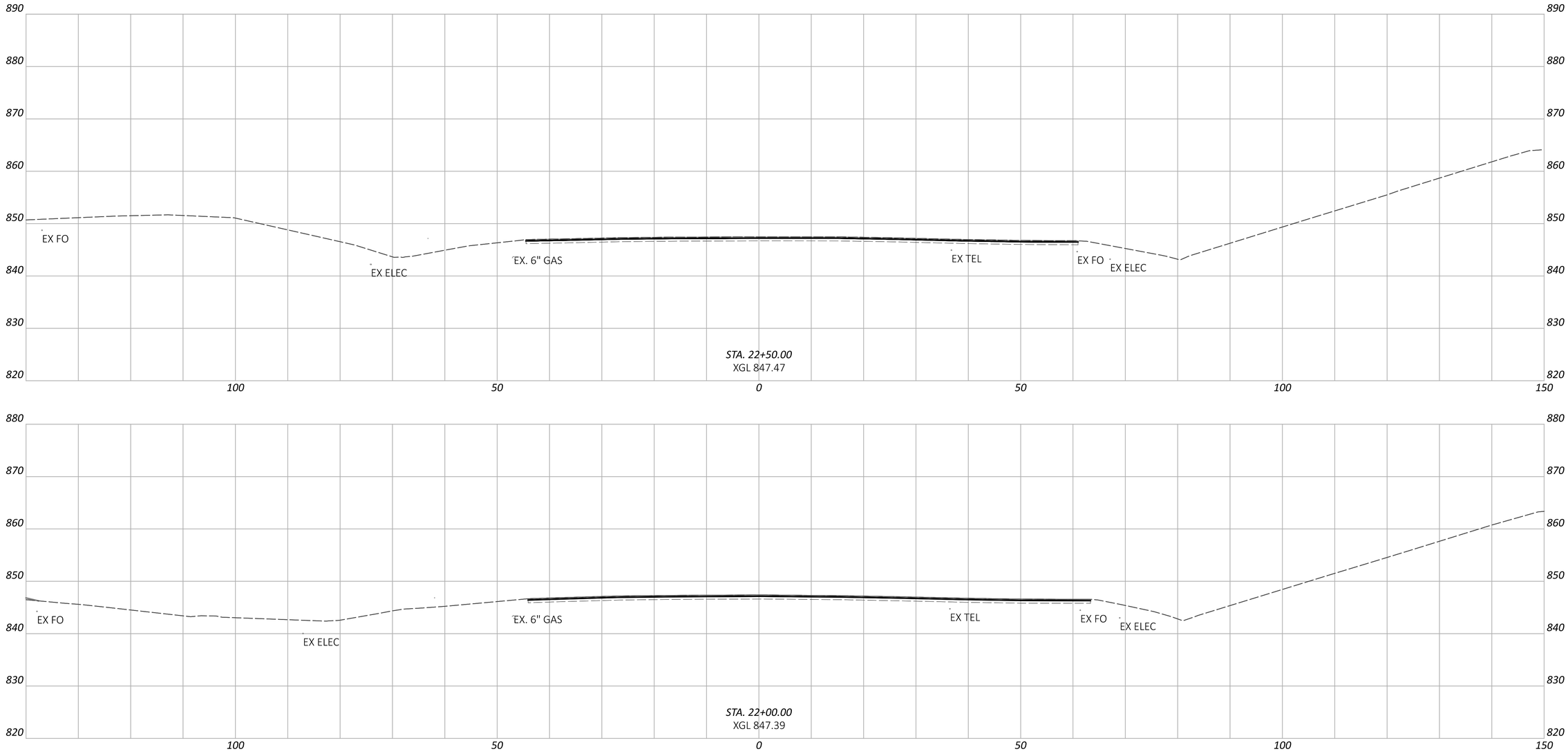
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0914 TOTAL P.2024



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CROSS SECTIONS - SR 256
STA. 22+00.00 TO STA. 22+50.00

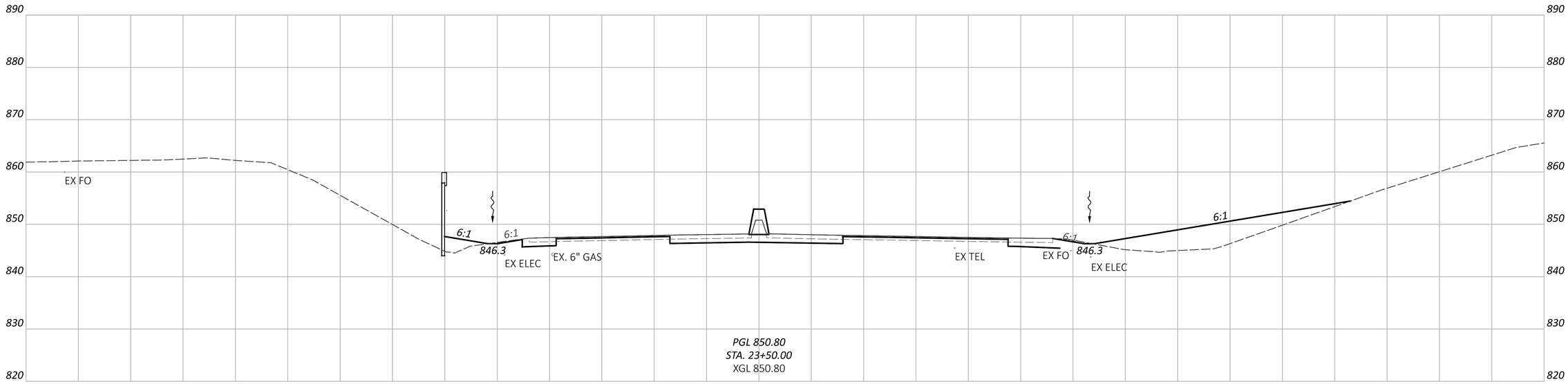
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

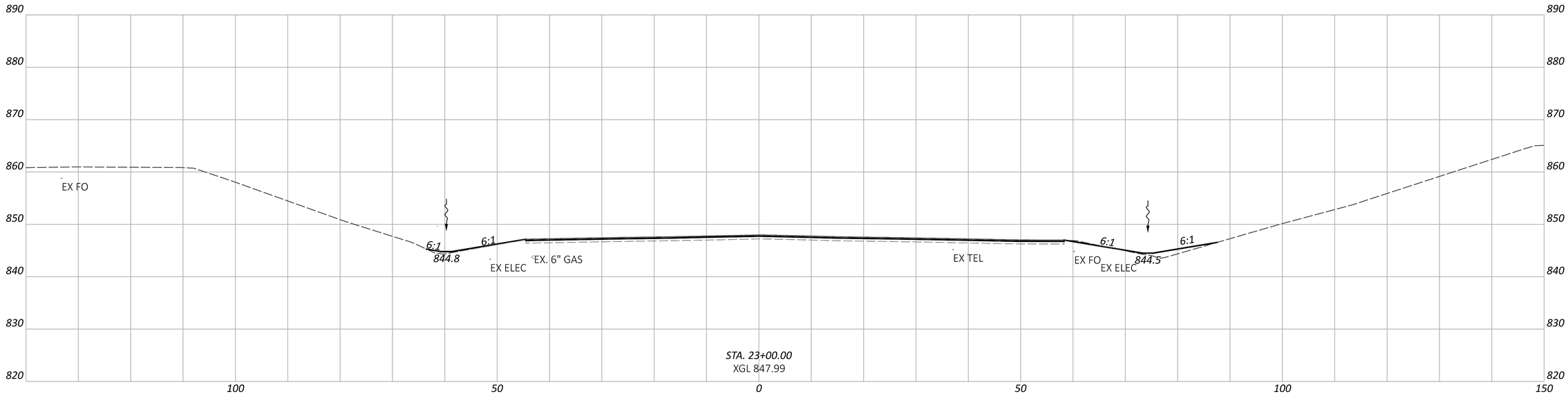
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0915 TOTAL P.2024





CROSS SECTIONS - SR 256
STA. 23+00.00 TO STA. 23+50.00

FAI/LIC-IR 70-0.00/0.00

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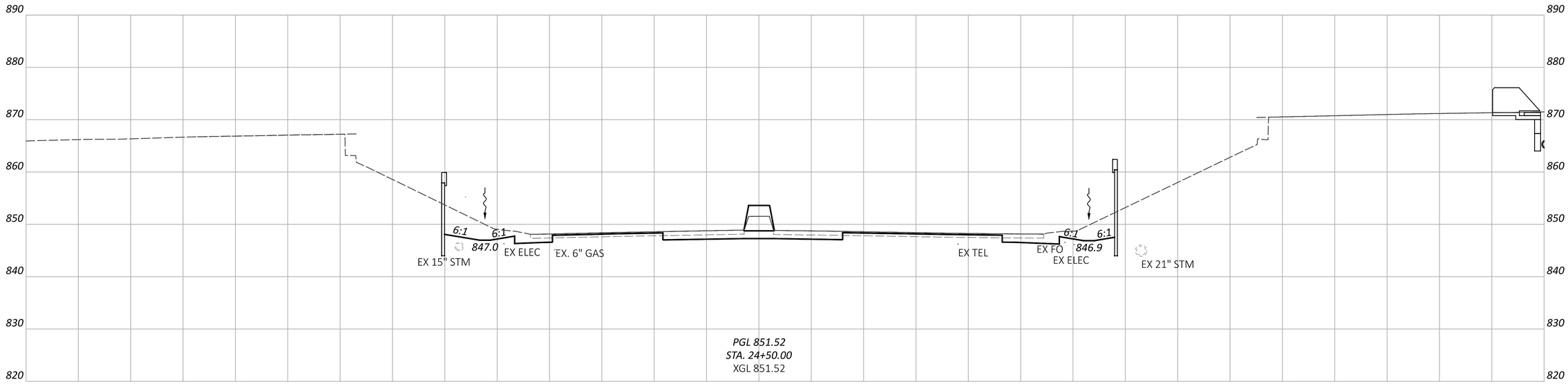
DESIGN AGENCY
STRUCTUREPOINT LLC

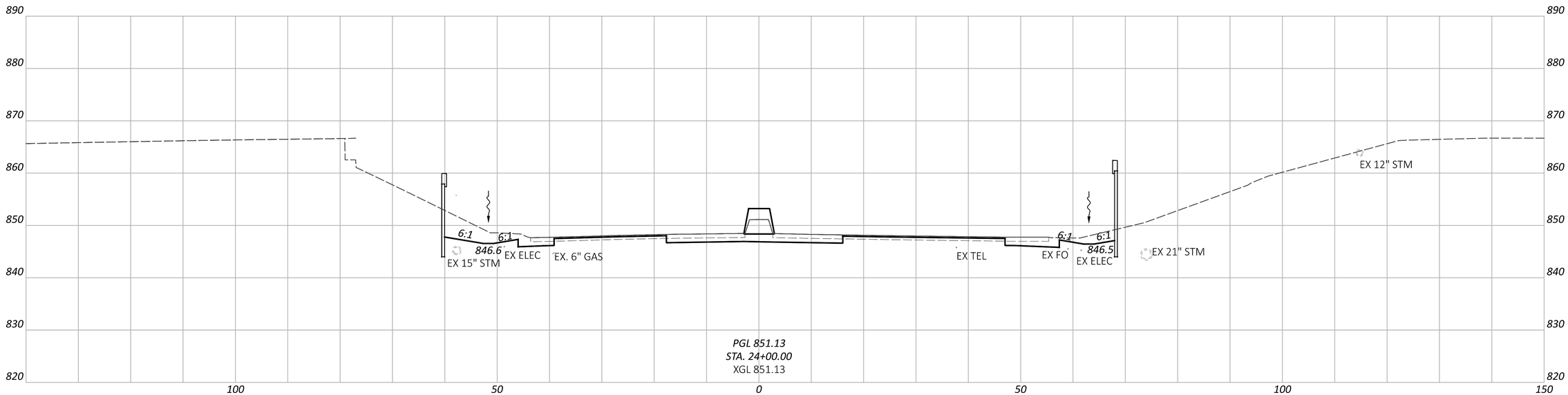
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0916 TOTAL P.2024





CROSS SECTIONS - SR 256
STA. 24+00.00 TO STA. 24+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0917 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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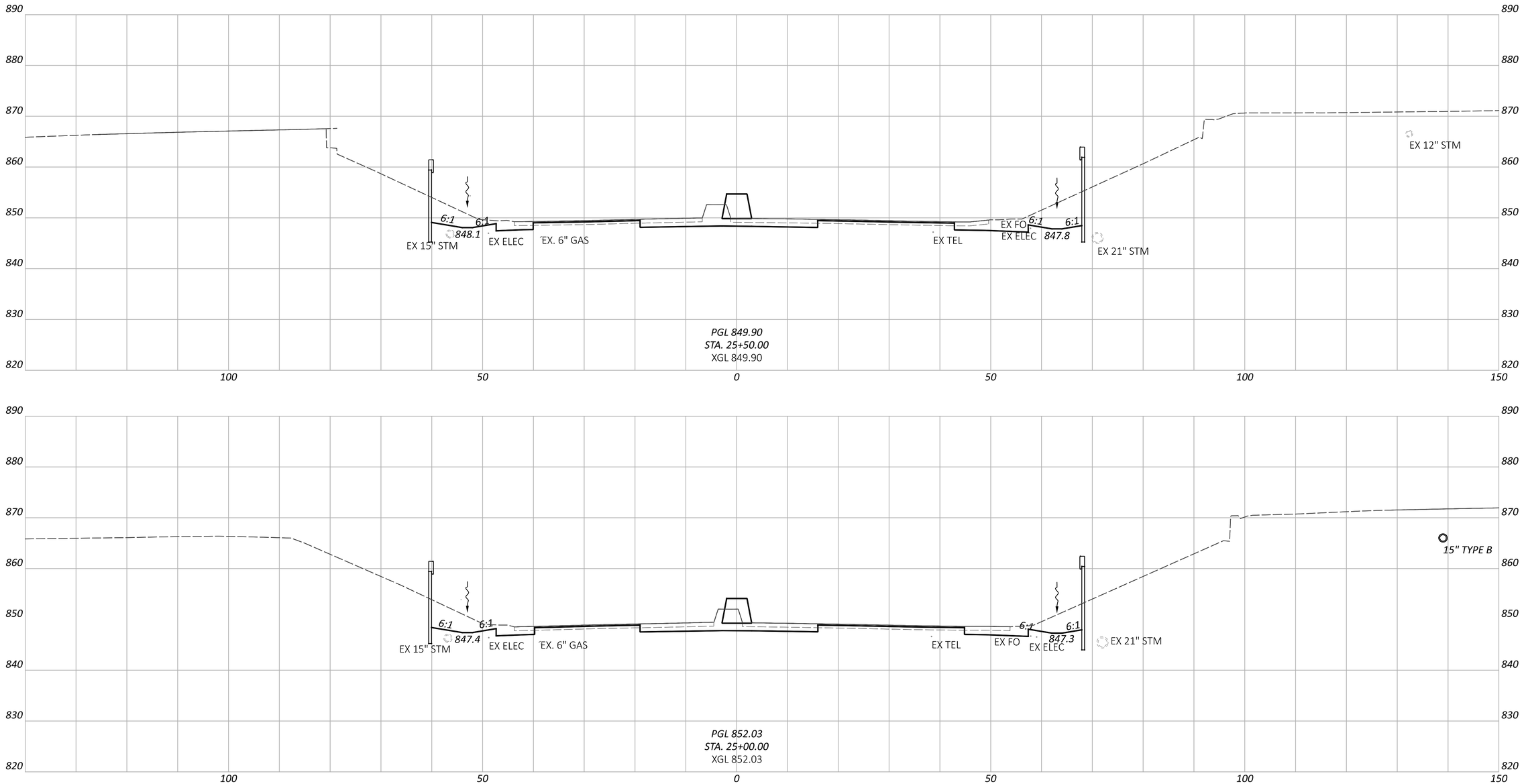

CROSS SECTIONS - SR 256
STA. 25+00.00 TO STA. 25+50.00

FAI/LIC-IR 70-0.00/0.00

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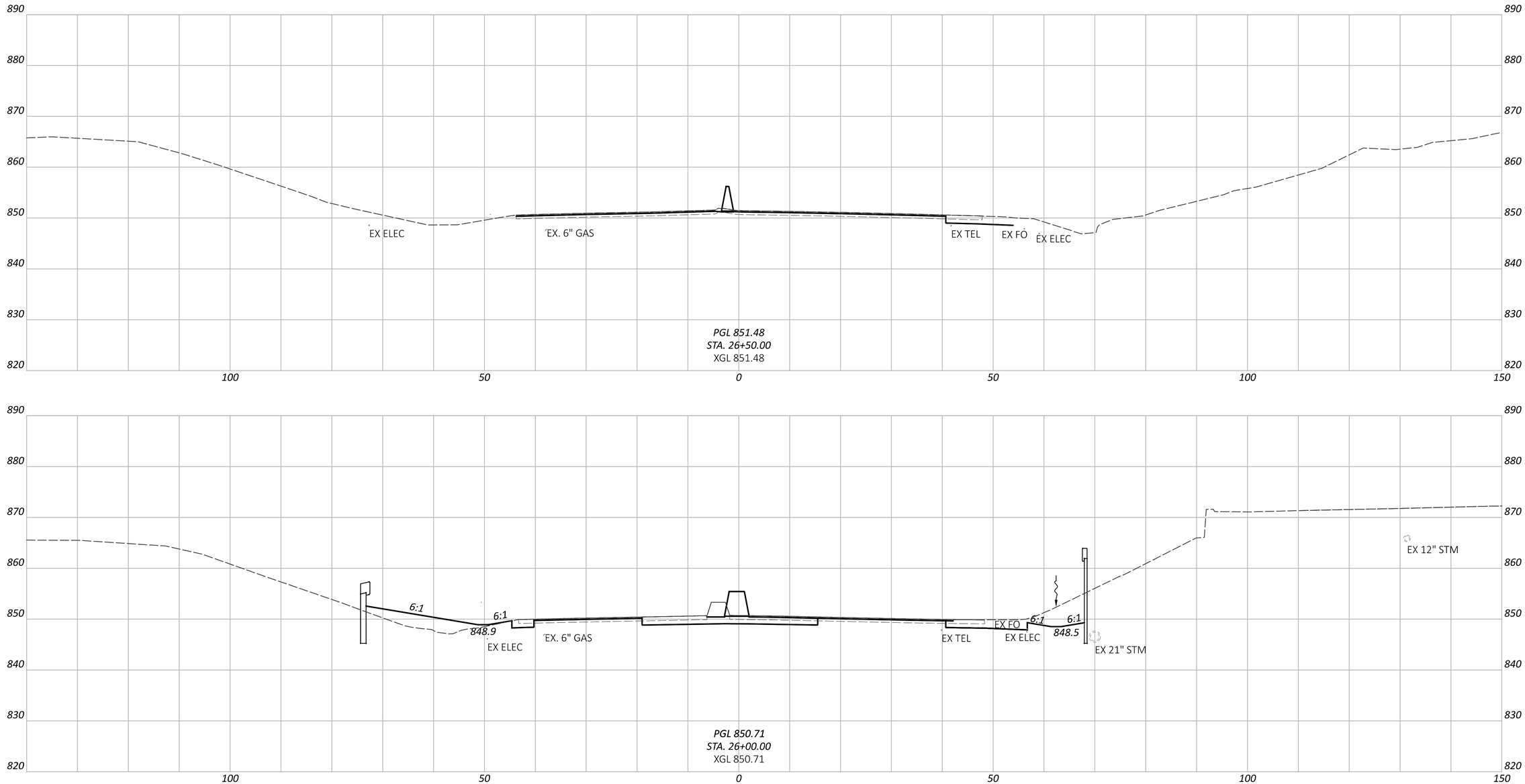
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0918 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 26+00.00 TO STA. 26+50.00

FAI/LIC-IR 70-0.00/0.00

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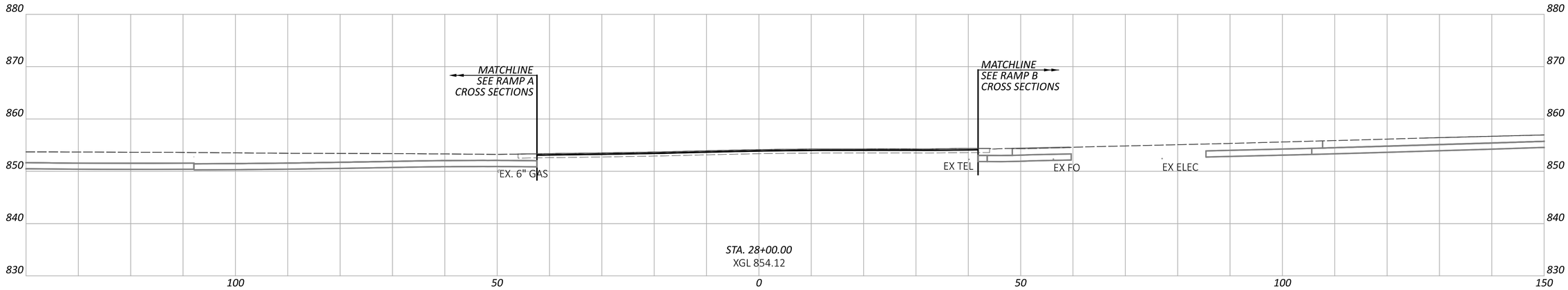
DESIGN AGENCY
STRUCTUREPOINT INC.

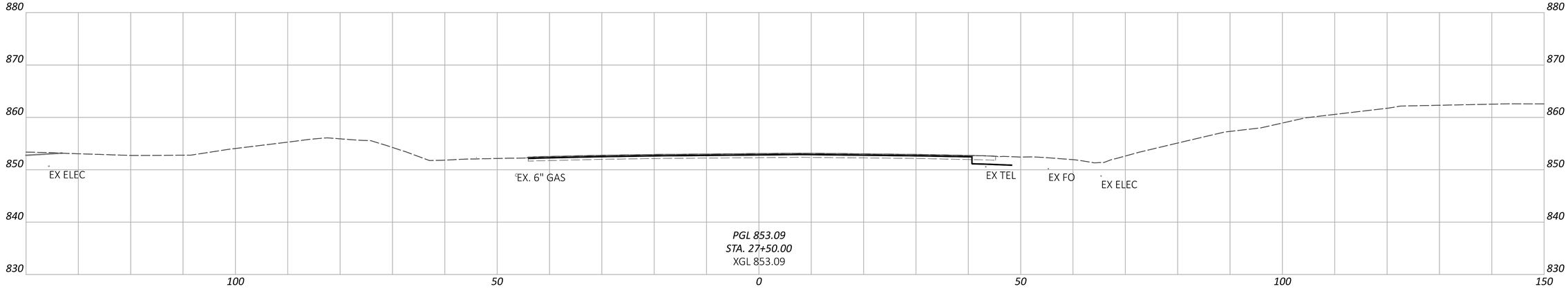
DESIGNER
BER

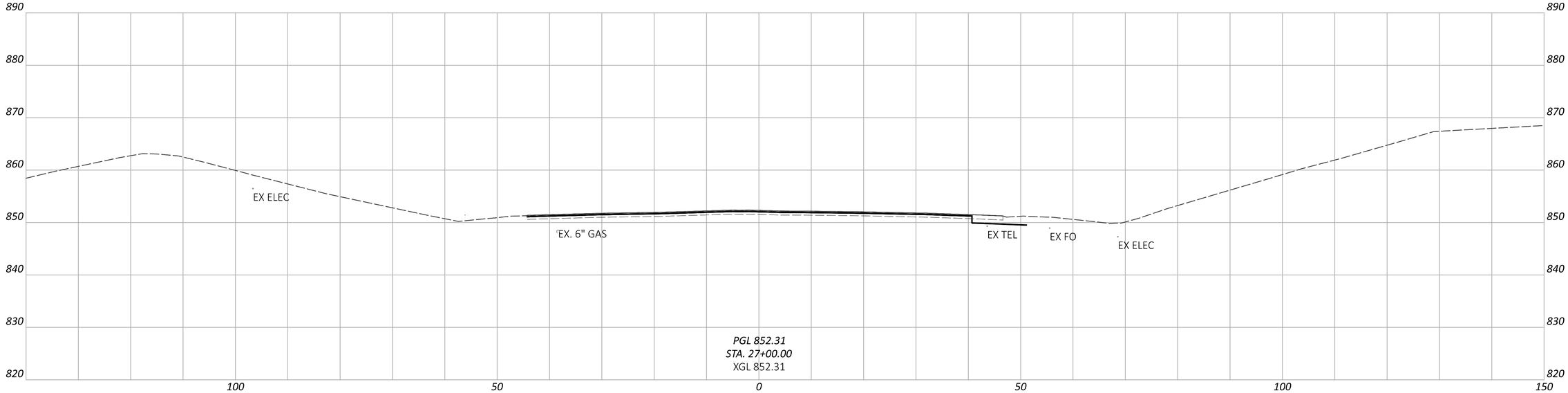
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0919 TOTAL P.2024







CROSS SECTIONS - SR 256
STA. 27+00.00 TO STA. 28+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0920 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - 27+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:00:01 AM USER: brieder
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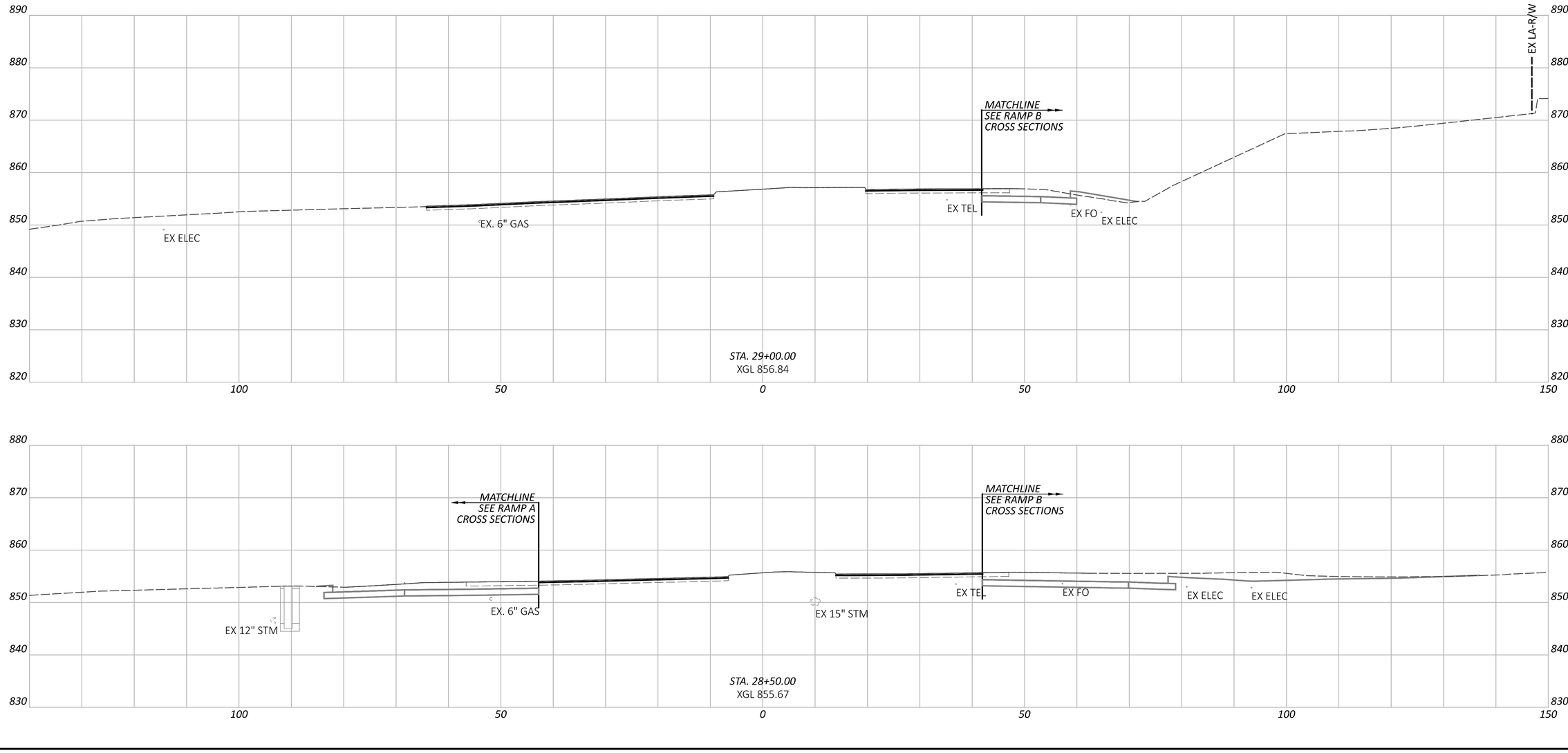

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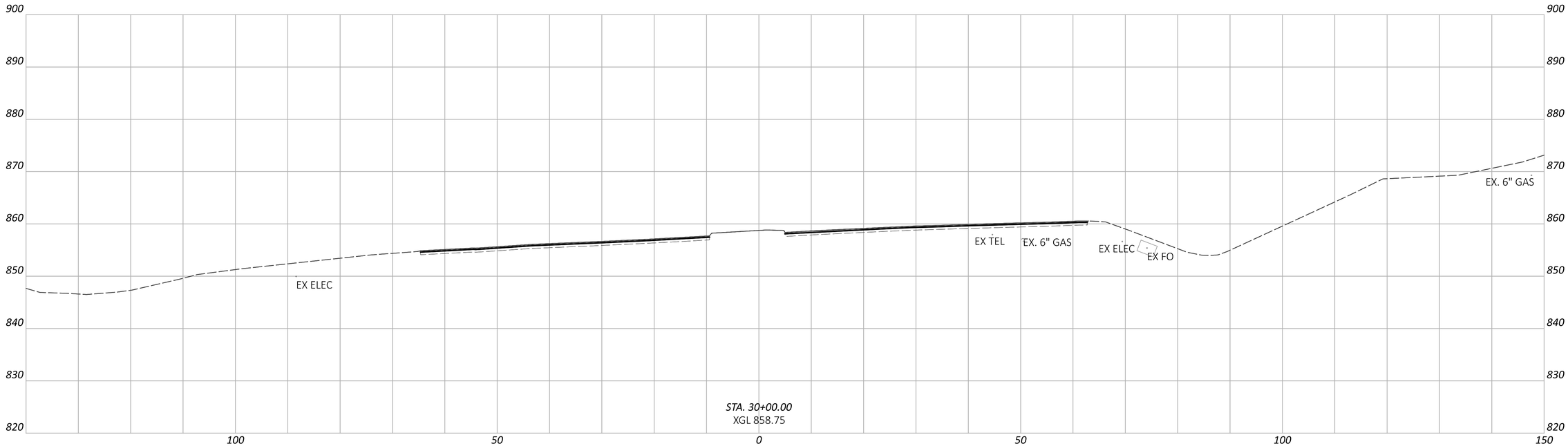
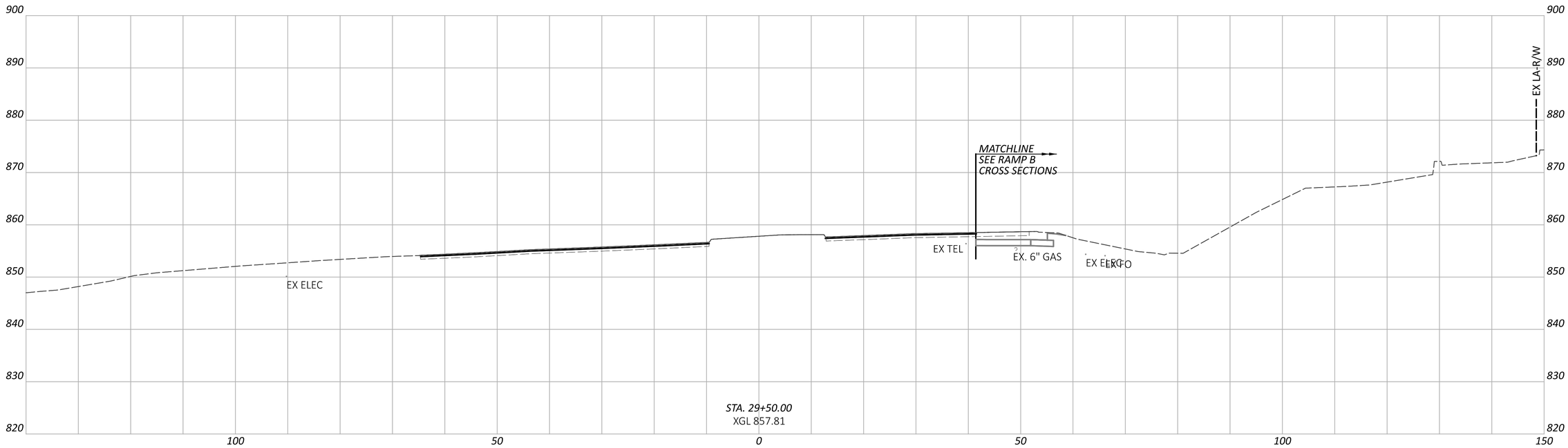
CROSS SECTIONS - SR 256
STA. 28+50.00 TO STA. 29+00.00

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0921
TOTAL	P.2024





CROSS SECTIONS - SR 256
STA. 29+50.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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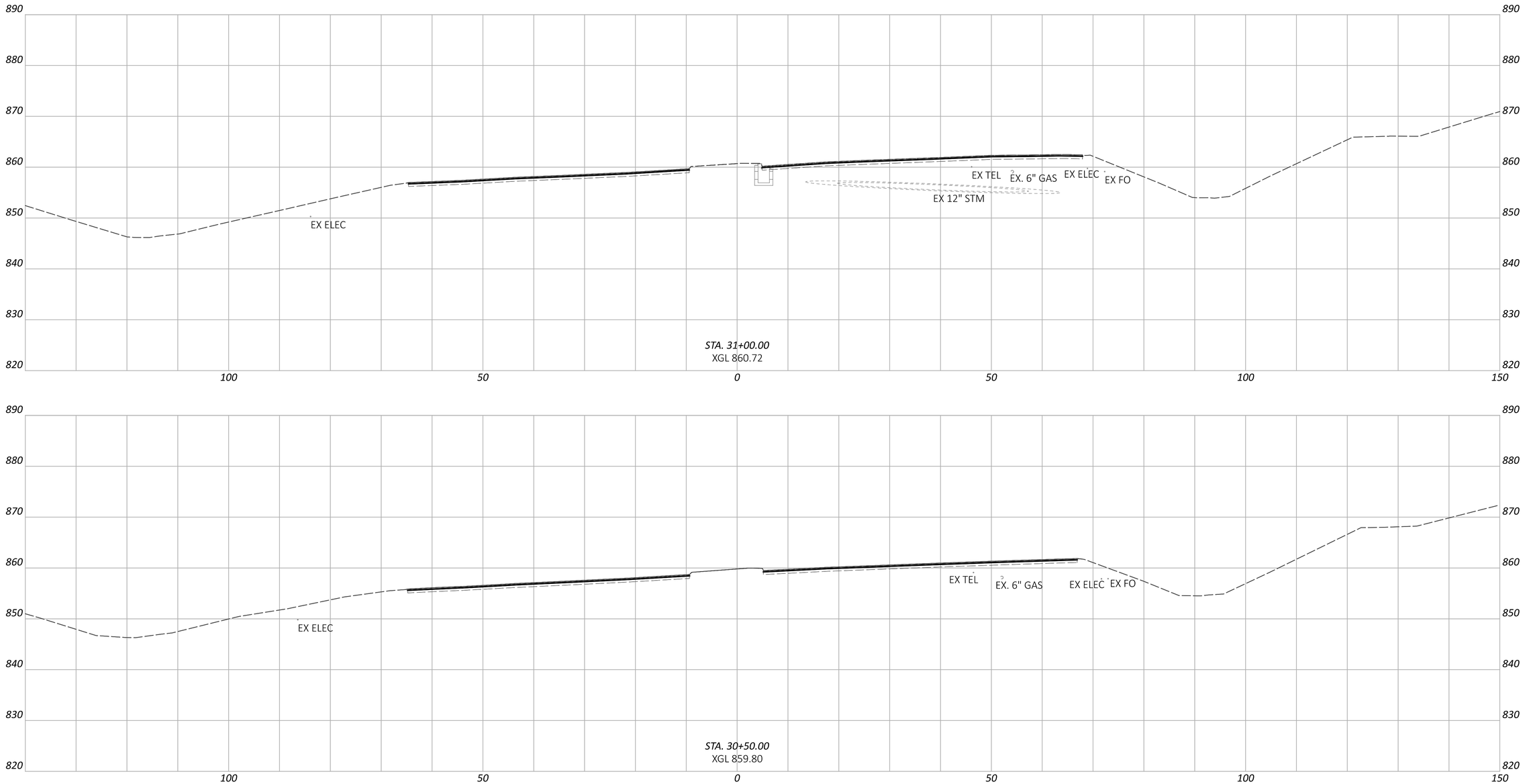
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0922 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 30+50.00 TO STA. 31+00.00

FAI/LIC-IR 70-0.00/0.00

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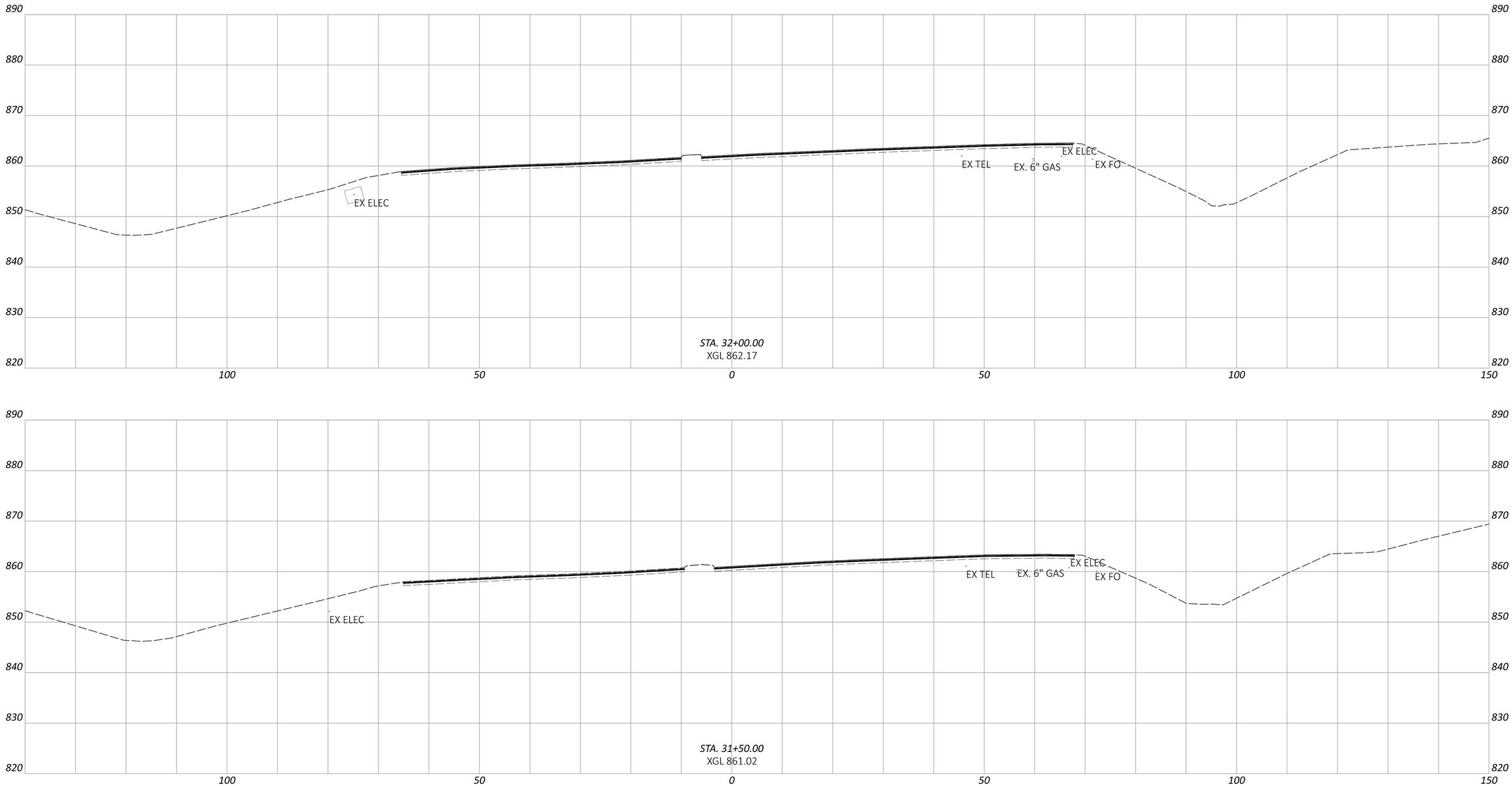
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.0923	P.2024



CROSS SECTIONS - SR 256
STA. 31+50.00 TO STA. 32+00.00

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS400.dgn

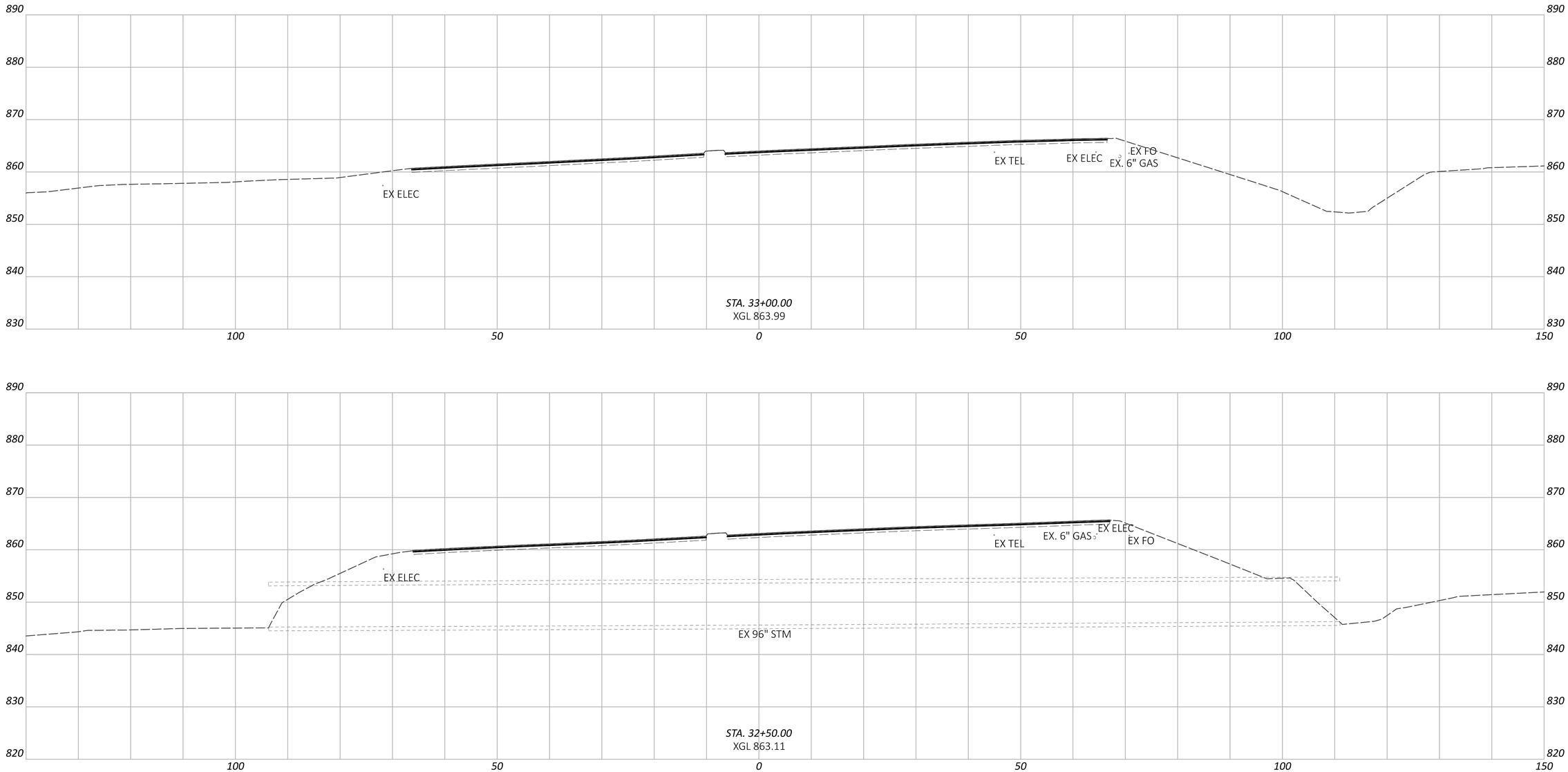
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0924 TOTAL P.2024



CROSS SECTIONS - SR 256
STA. 32+50.00 TO STA. 33+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0925
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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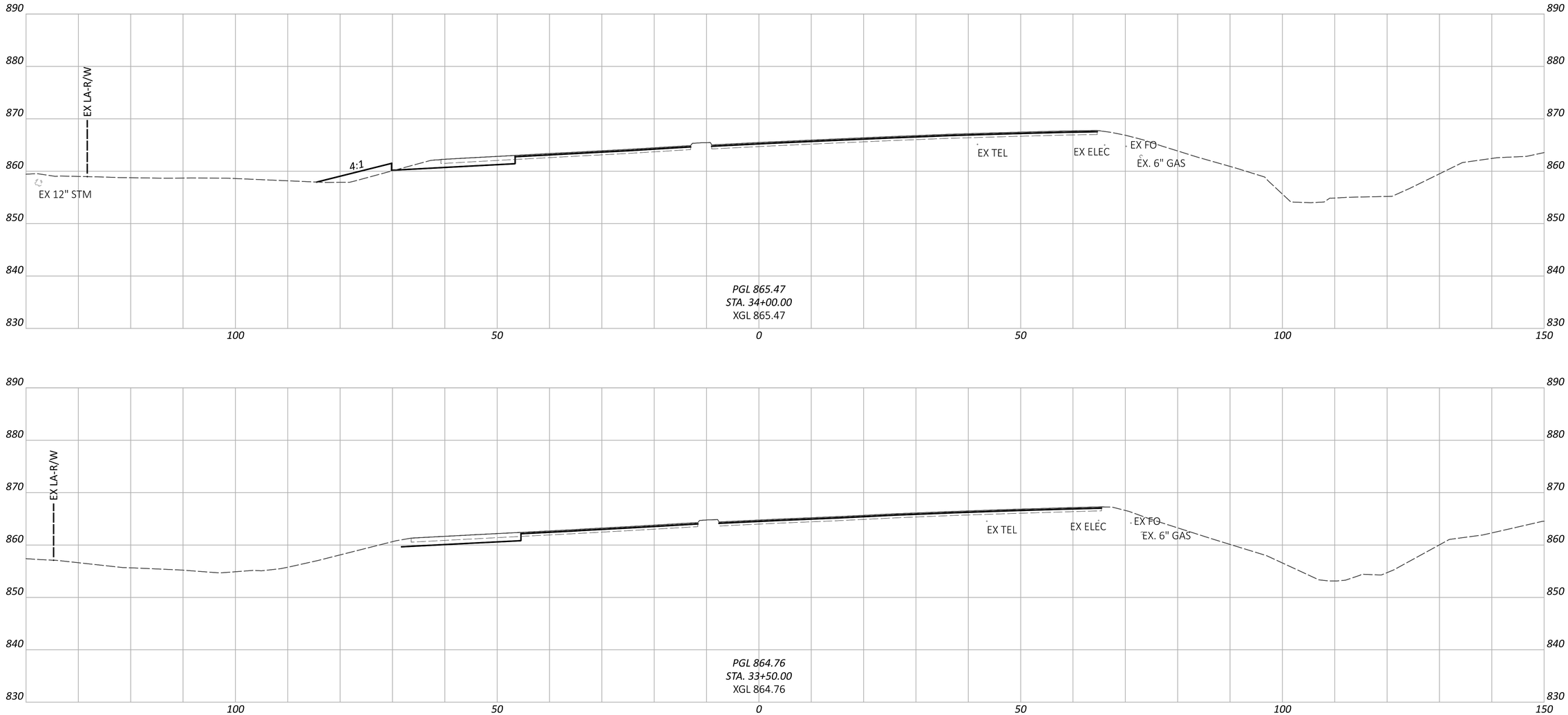

CROSS SECTIONS - SR 256
STA. 33+50.00 TO STA. 34+00.00

FAI/LIC-IR 70-0.00/0.00

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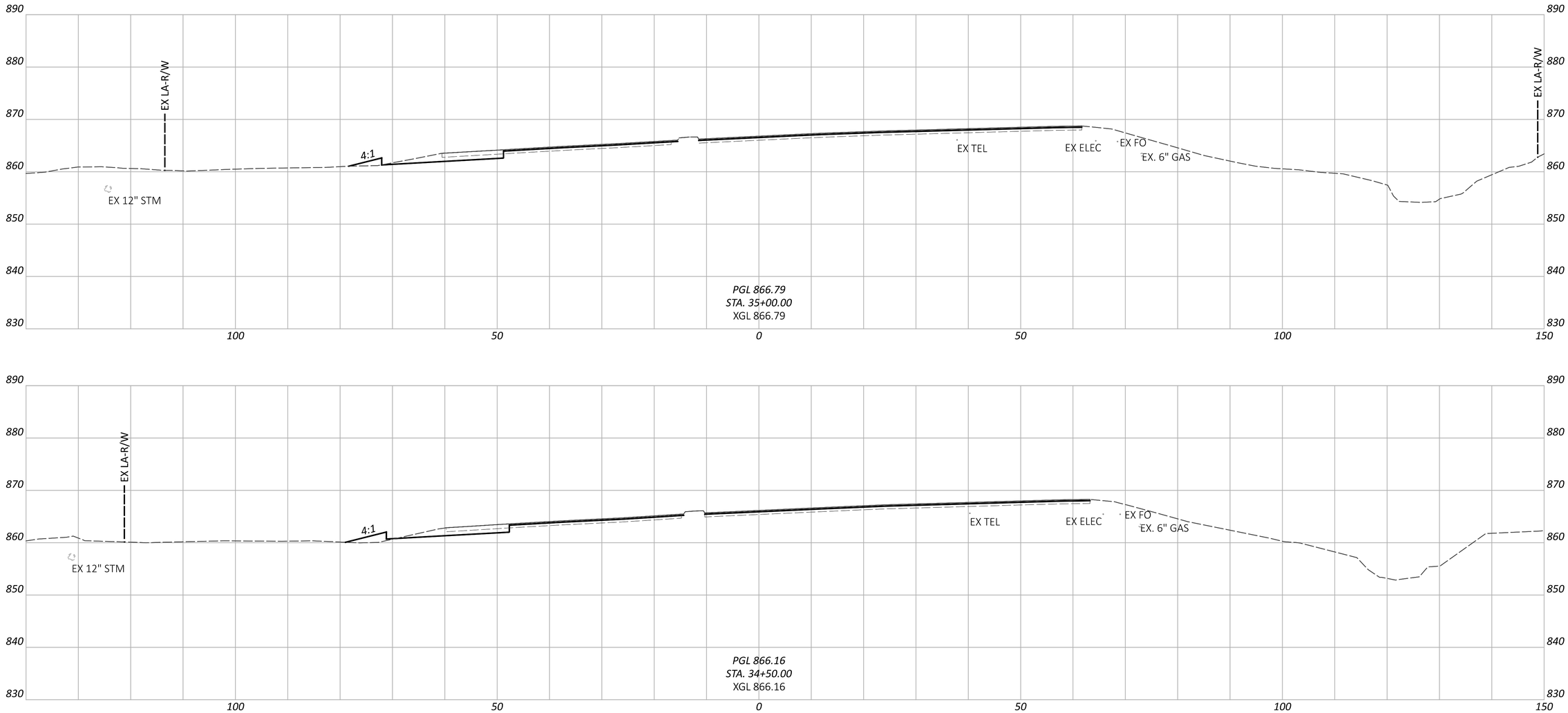
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0926
TOTAL	P.2024



CROSS SECTIONS - SR 256
STA. 34+50.00 TO STA. 35+00.00

FAI/LIC-IR 70-0.00/0.00

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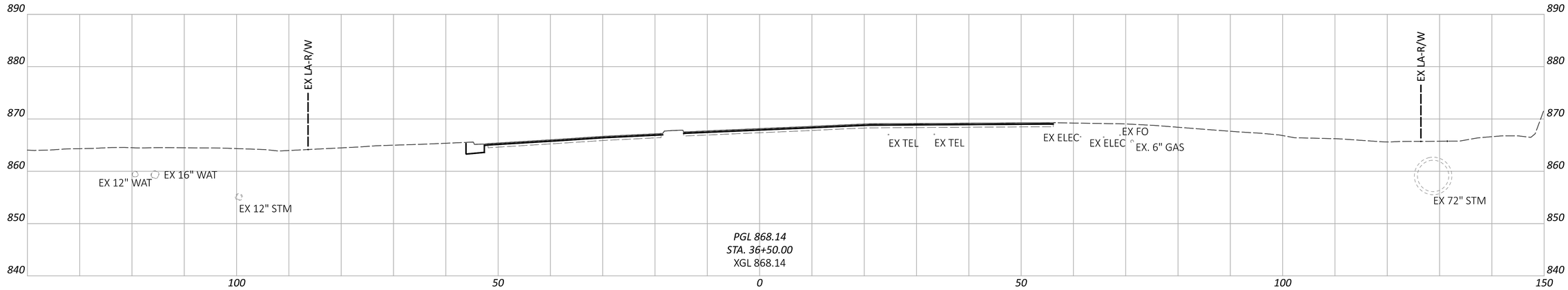
DESIGN AGENCY
STRUCTUREPOINT INC.

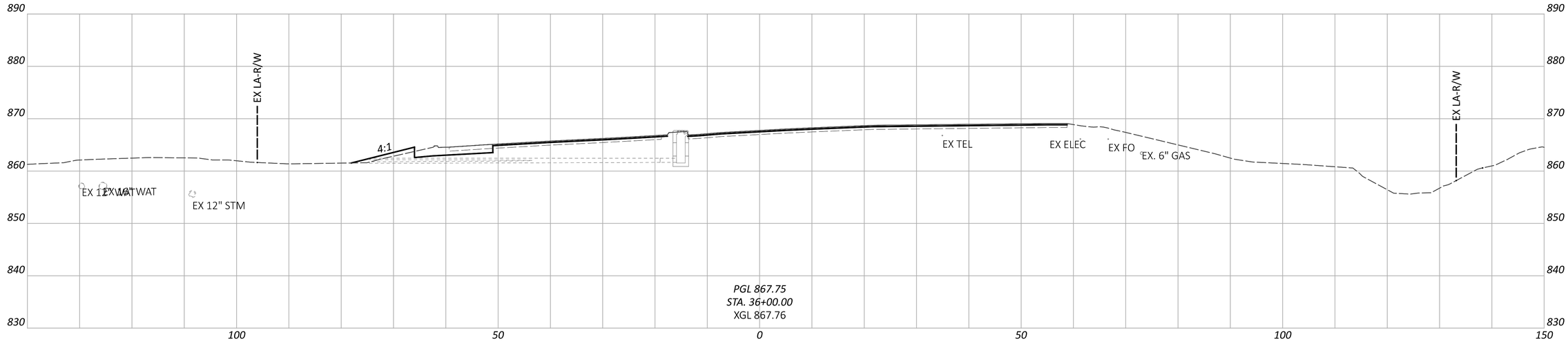
DESIGNER
BER

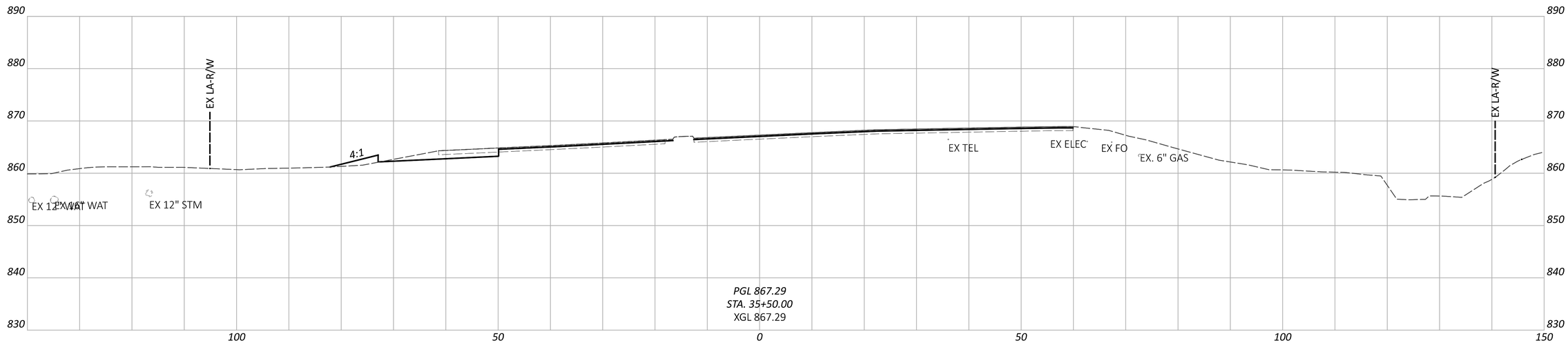
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0927 TOTAL P.2024







CROSS SECTIONS - SR 256
STA. 35+50.00 TO STA. 36+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0928
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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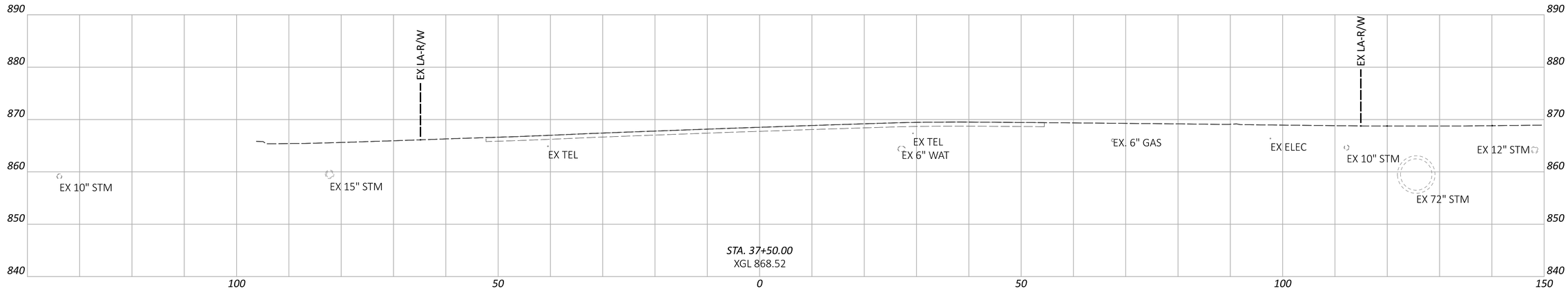

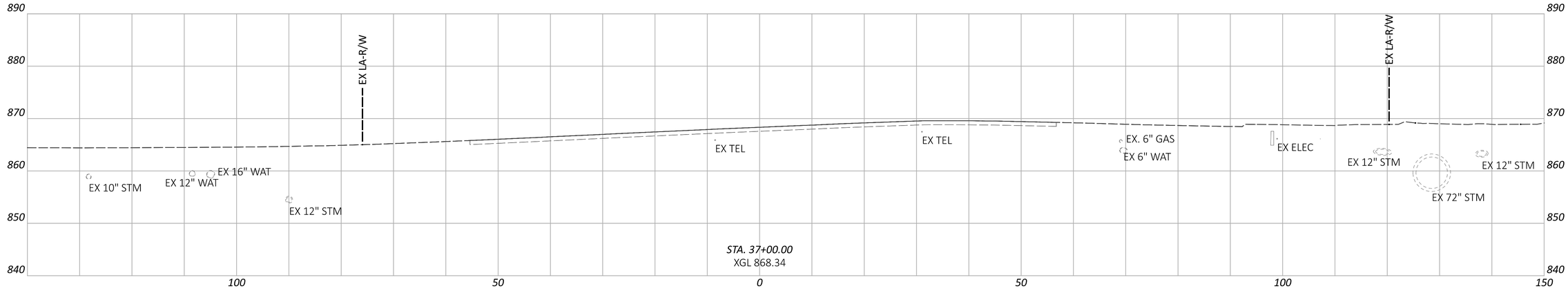

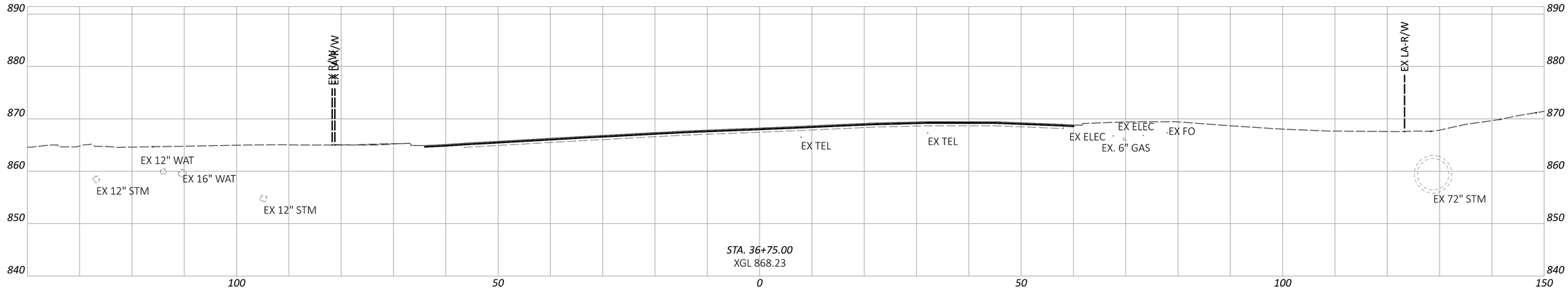

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - SR 256
STA. 36+75.00 TO STA. 37+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0929
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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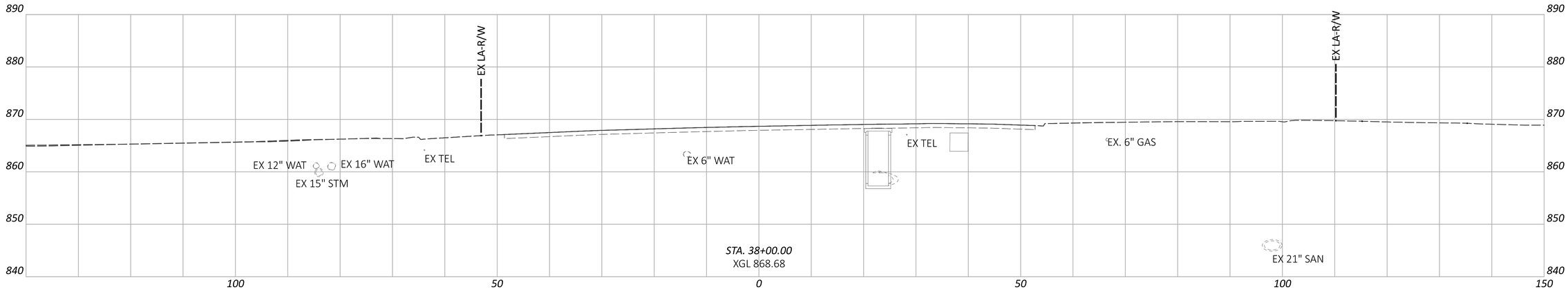
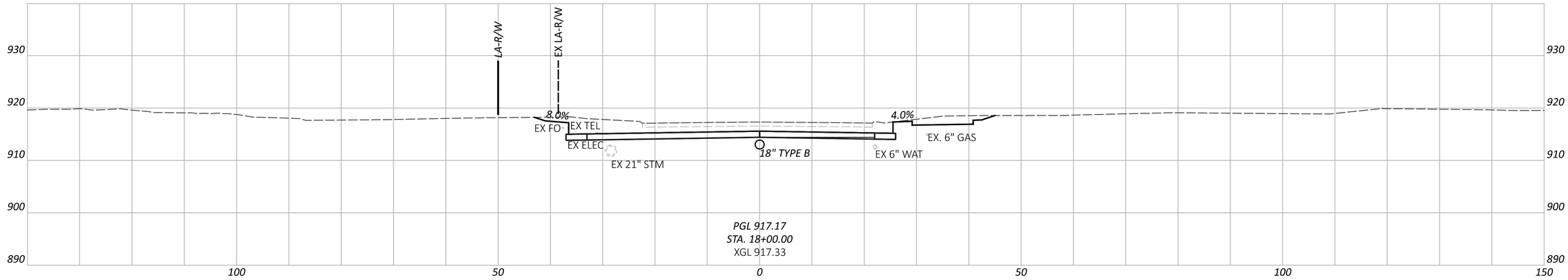
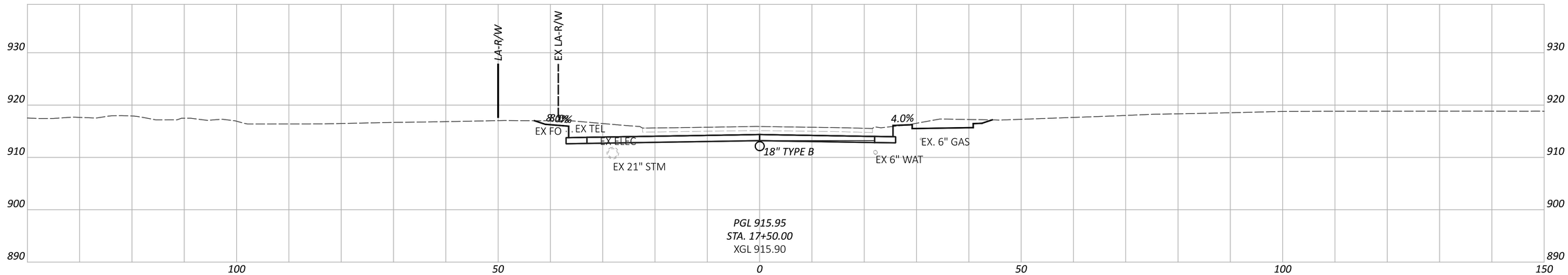
CROSS SECTIONS - SR 256
STA. 38+00.00

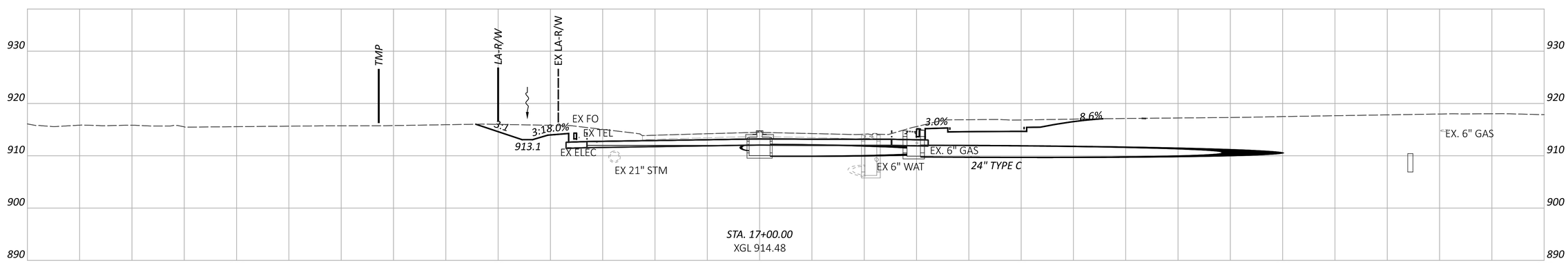


DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.0930 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102-$DC209

CROSS SECTIONS - TAYLOR RD
STA. 17+00.00 TO STA. 18+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0931 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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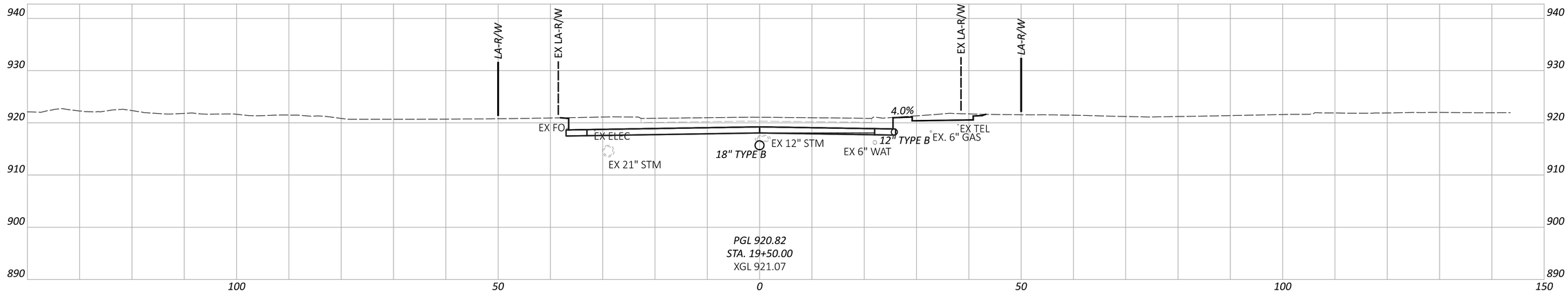
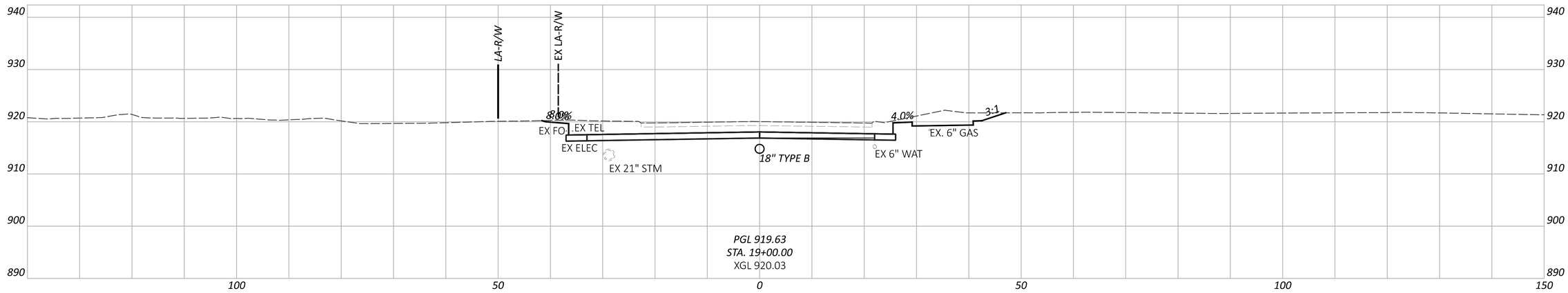
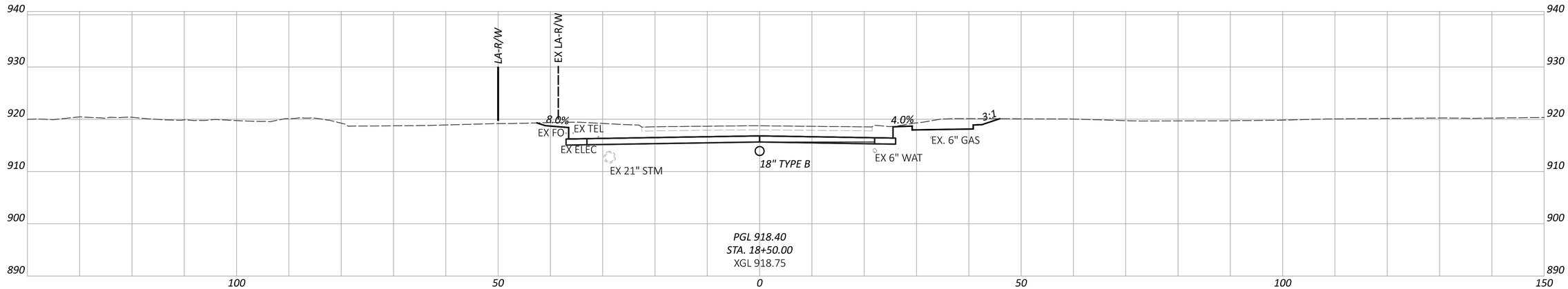
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - TAYLOR RD
STA. 18+50.00 TO STA. 19+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 18+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:00 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

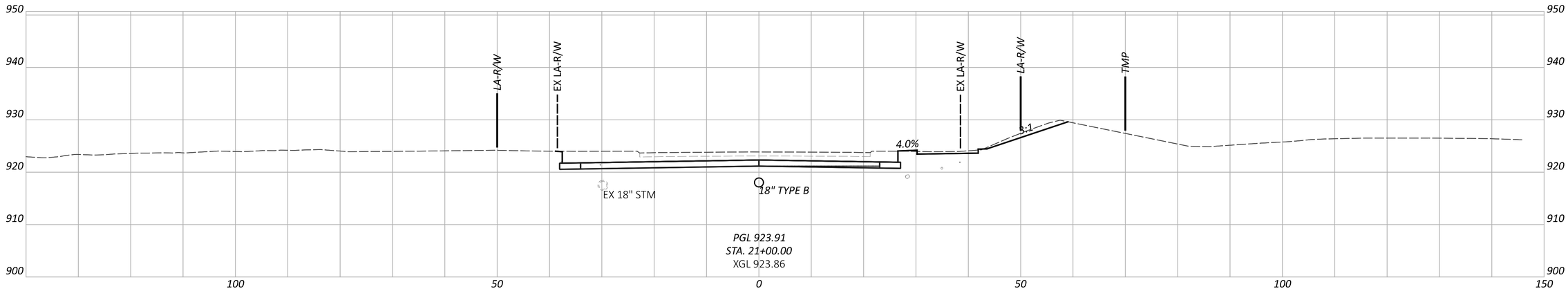
DESIGNER
BER

REVIEWER
KAM 08/07/26

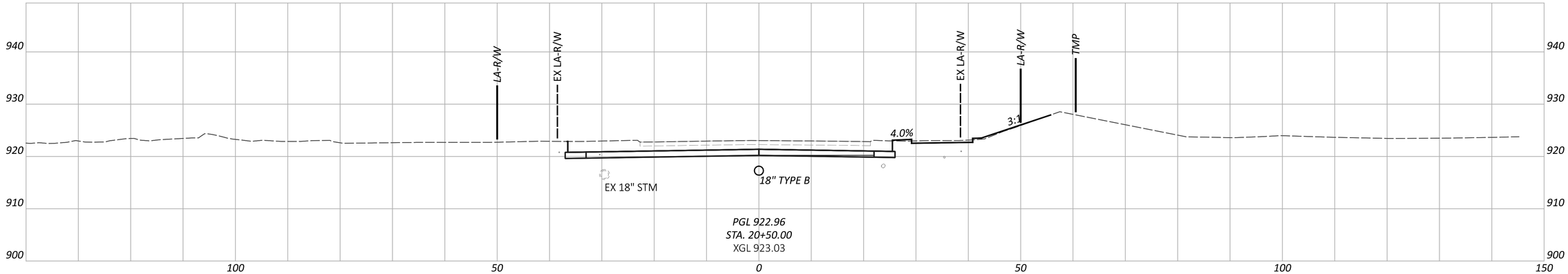
PROJECT ID
96808

SHEET P.0932 TOTAL P.2024

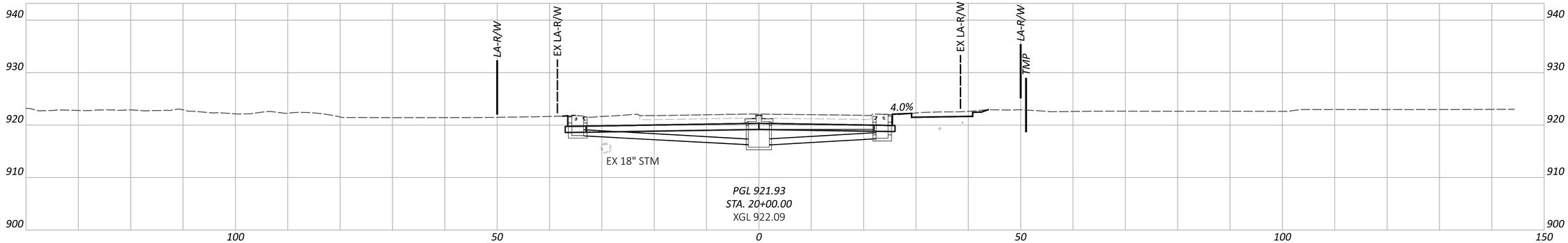
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 923.91
STA. 21+00.00
XGL 923.86



PGL 922.96
STA. 20+50.00
XGL 923.03



PGL 921.93
STA. 20+00.00
XGL 922.09

NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 -$DC209

CROSS SECTIONS - TAYLOR RD
STA. 20+00.00 TO STA. 21+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0933 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 20+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:04 AM USER: brieder
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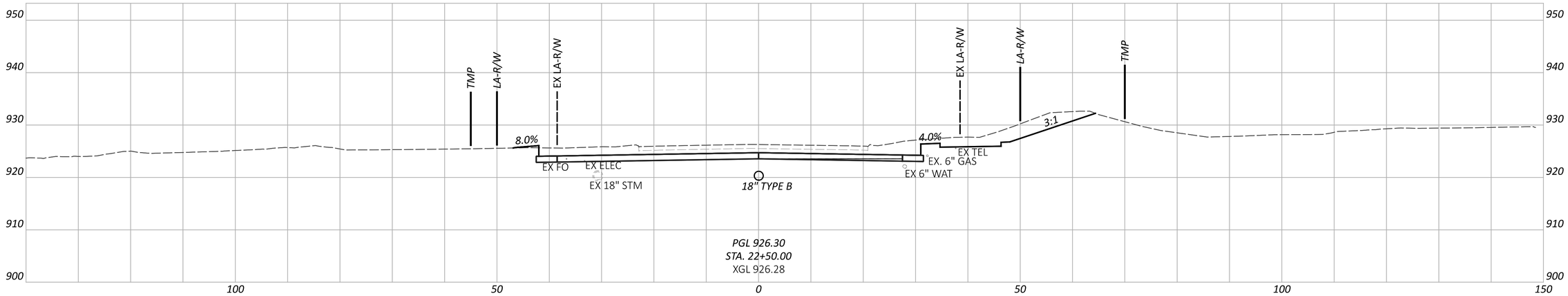
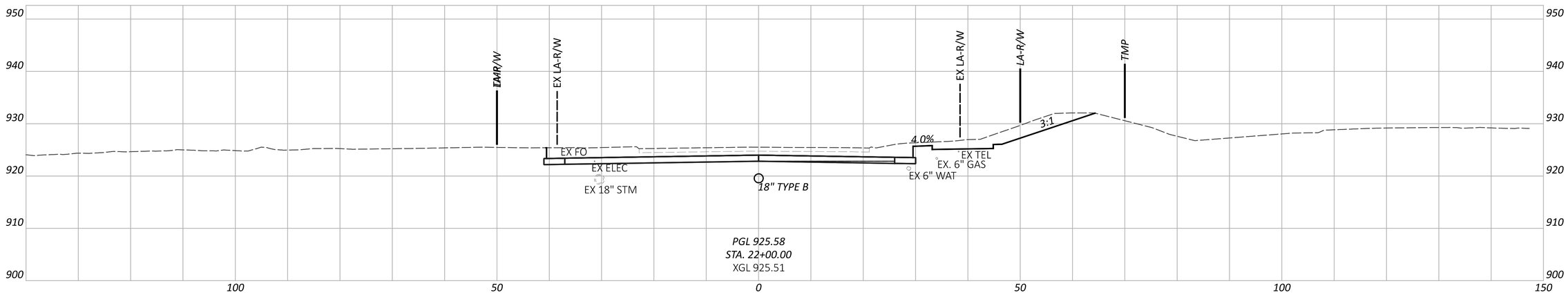
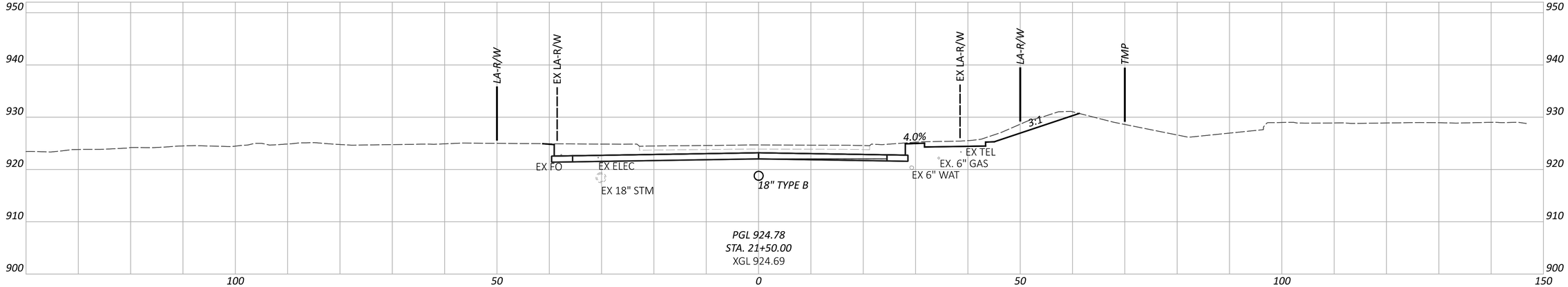
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







NOTE: FOR PROPOSED STORM SEWER DETAILS, SEE SHEETS P.1102 &DC209

CROSS SECTIONS - TAYLOR RD
STA. 21+50.00 TO STA. 22+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 21+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:08 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

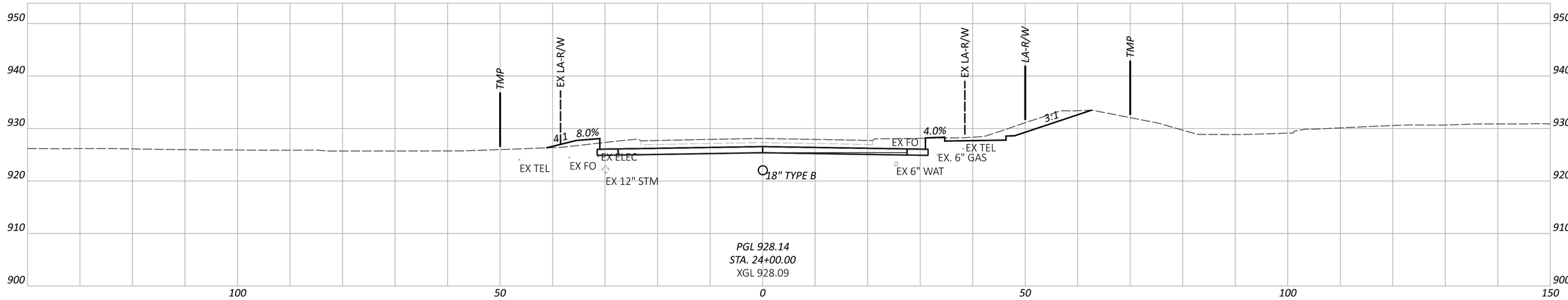
DESIGNER
BER

REVIEWER
KAM 08/07/26

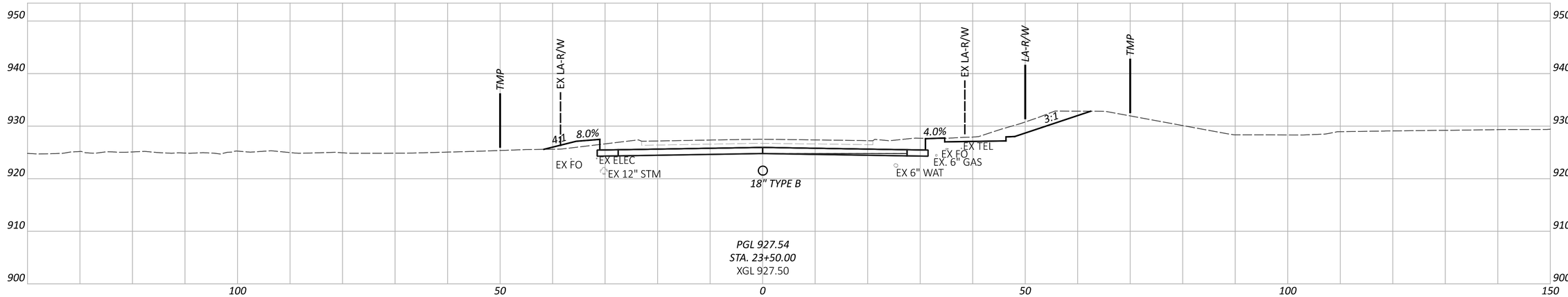
PROJECT ID
96808

SHEET P.0934 TOTAL P.2024

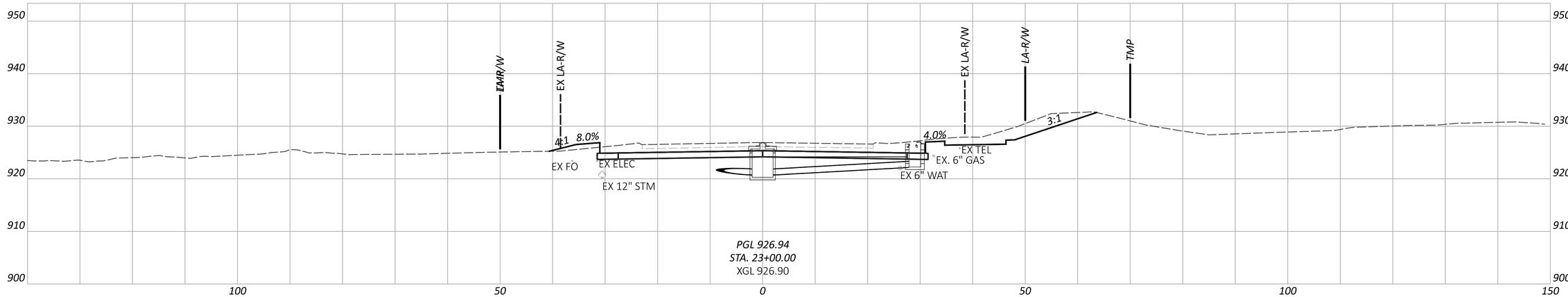
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 928.14
STA. 24+00.00
XGL 928.09



PGL 927.54
STA. 23+50.00
XGL 927.50



PGL 926.94
STA. 23+00.00
XGL 926.90

CROSS SECTIONS - TAYLOR RD
STA. 23+00.00 TO STA. 24+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0935 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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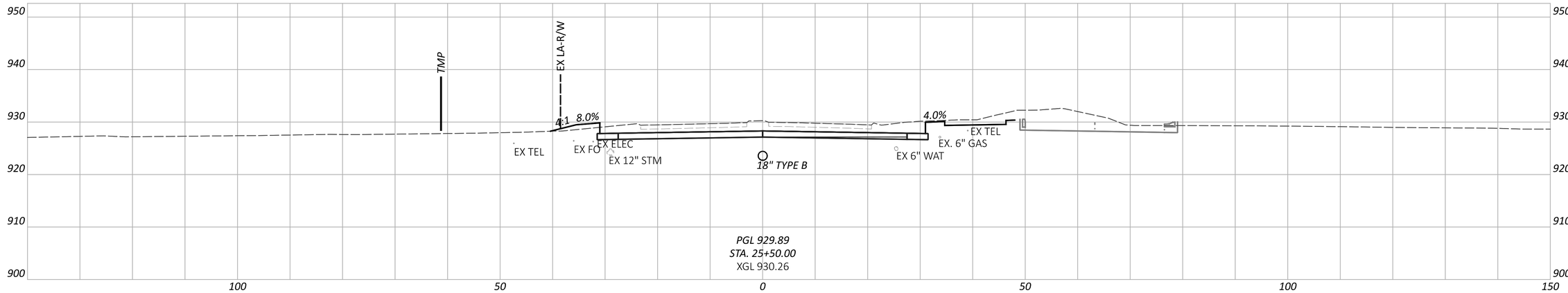
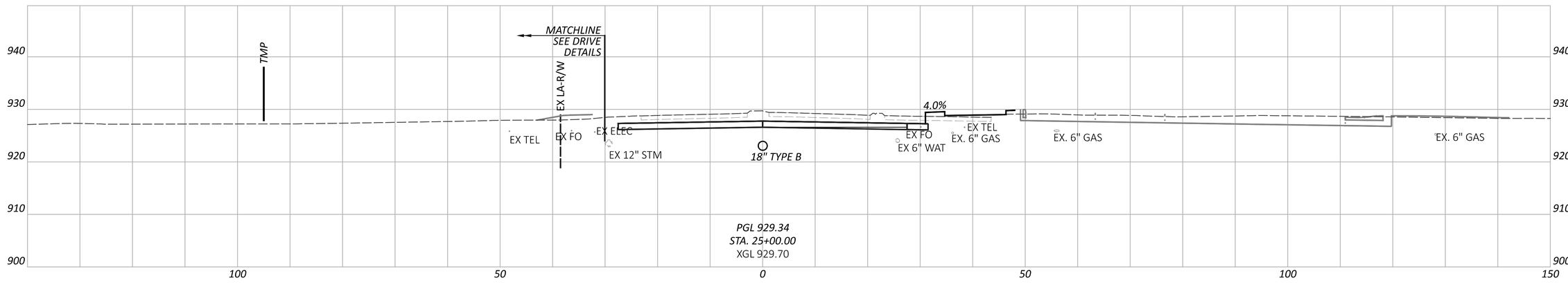
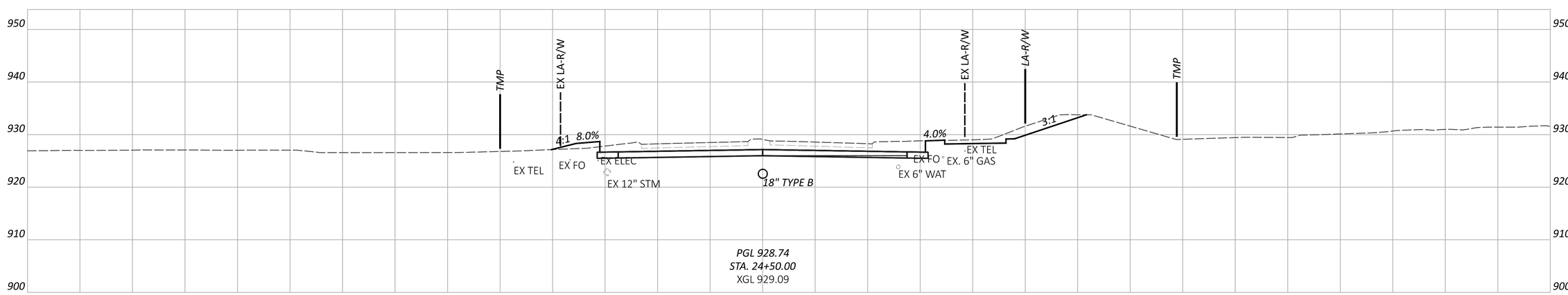
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - TAYLOR RD
STA. 24+50.00 TO STA. 25+50.00

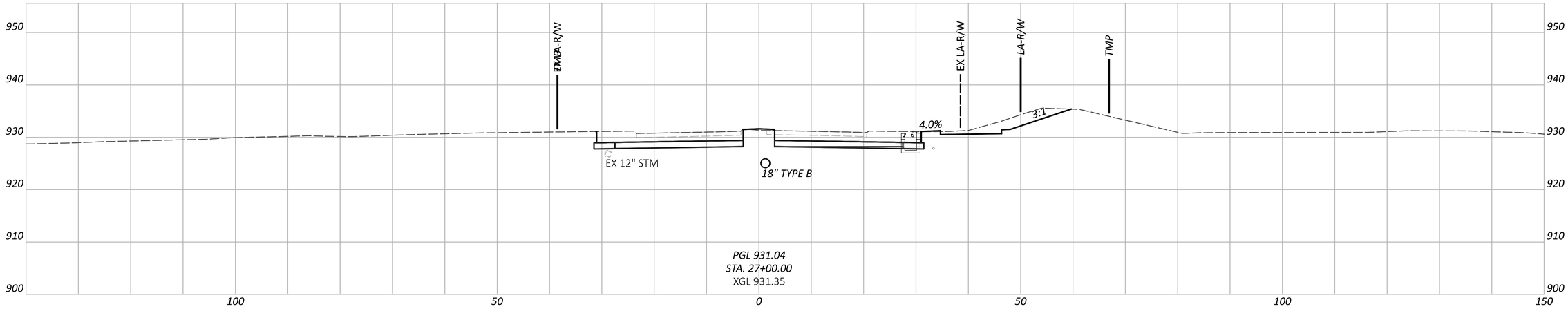
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0936
TOTAL	P.2024

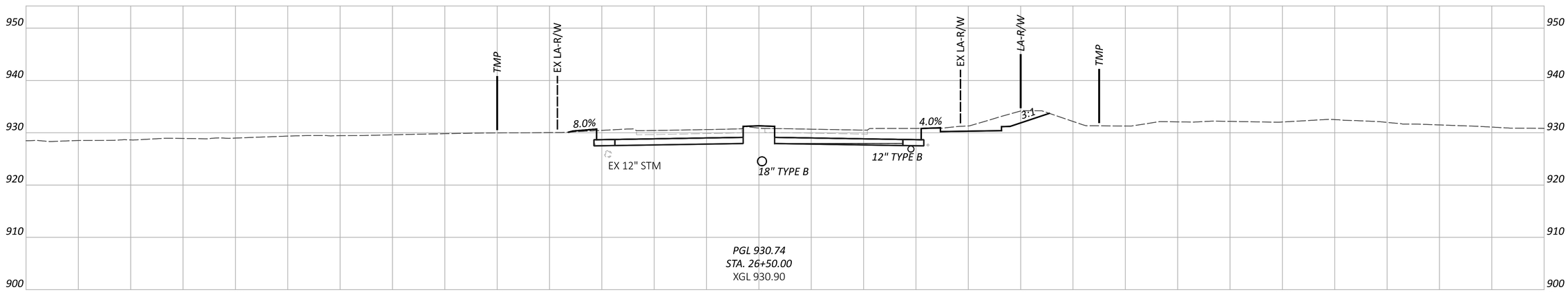
FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 24+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:16 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS410.dgn

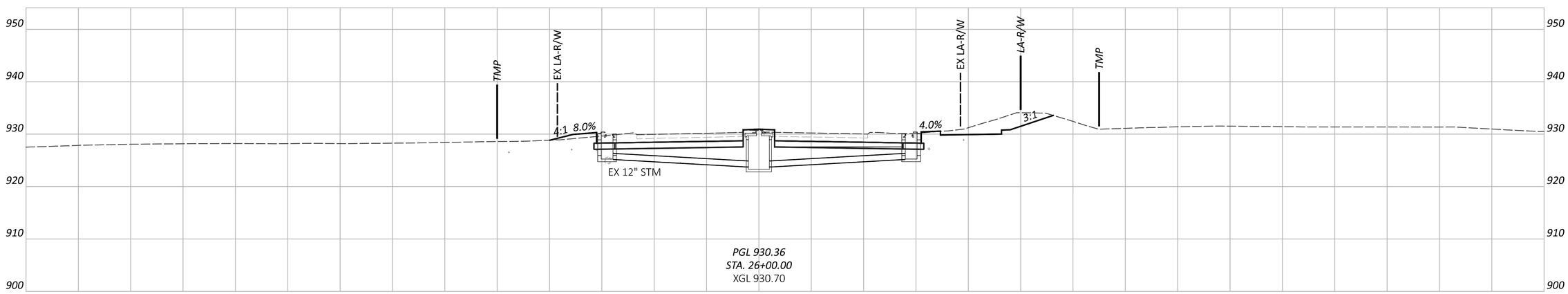
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 931.04
STA. 27+00.00
XGL 931.35



PGL 930.74
STA. 26+50.00
XGL 930.90



PGL 930.36
STA. 26+00.00
XGL 930.70

CROSS SECTIONS - TAYLOR RD
STA. 26+00.00 TO STA. 27+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0937
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 26+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:20 AM USER: brieder
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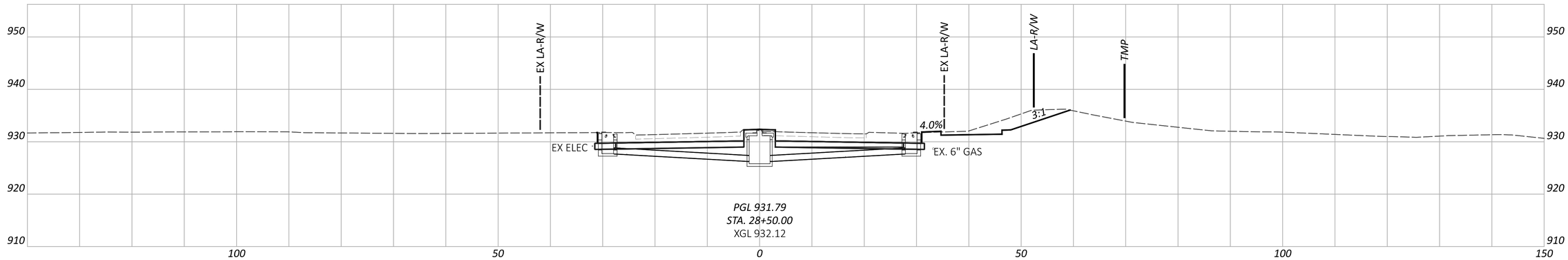
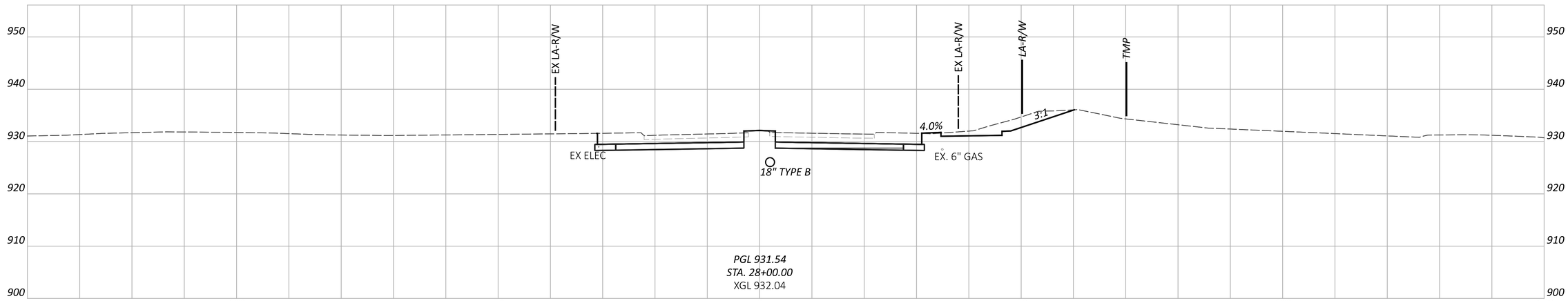
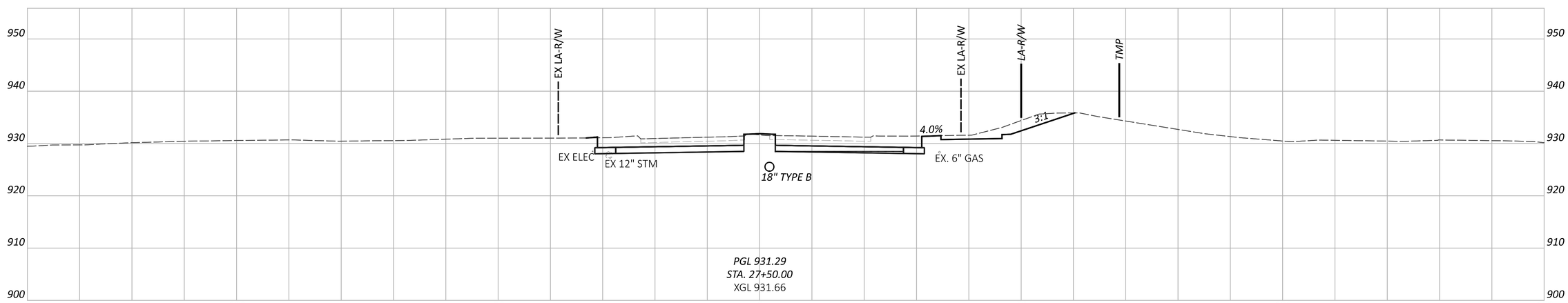
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 931.79
STA. 28+50.00
XGL 932.12



PGL 931.54
STA. 28+00.00
XGL 932.04



PGL 931.29
STA. 27+50.00
XGL 931.66

CROSS SECTIONS - TAYLOR RD
STA. 27+50.00 TO STA. 28+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 27+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:25 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

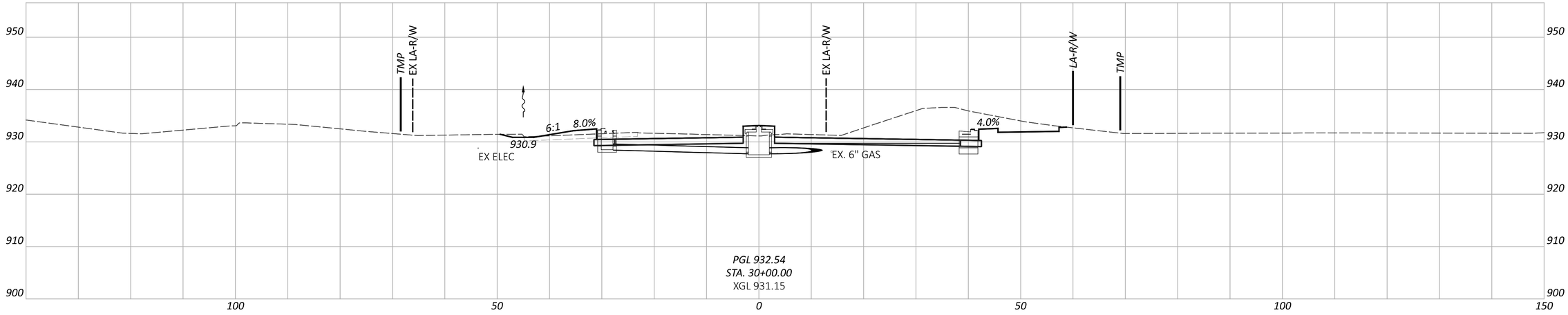
DESIGNER
BER

REVIEWER
KAM 08/07/26

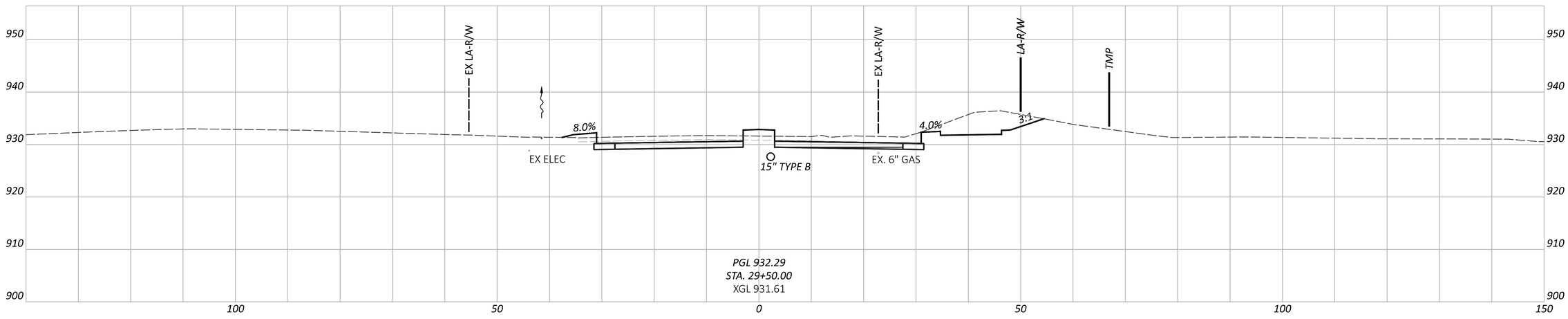
PROJECT ID
96808

SHEET P.0938 | TOTAL P.2024

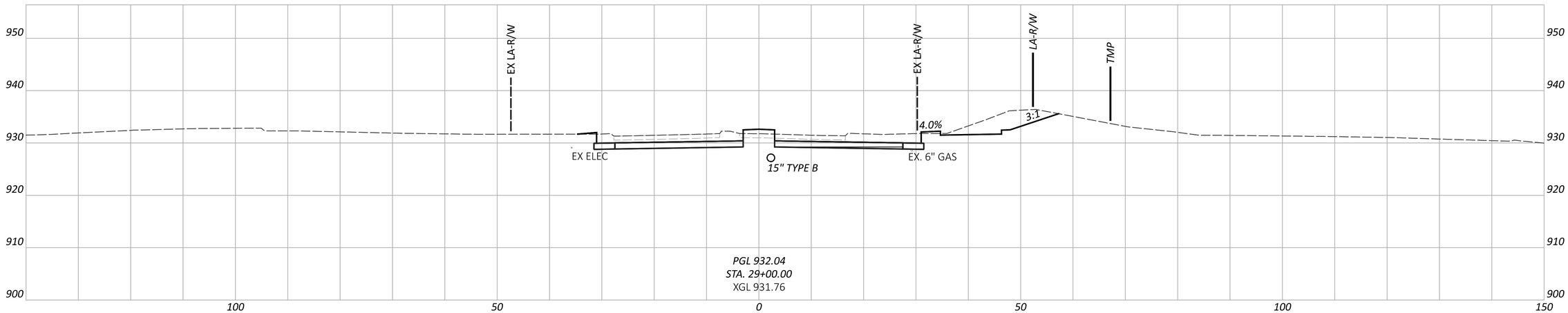
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 932.54
STA. 30+00.00
XGL 931.15



PGL 932.29
STA. 29+50.00
XGL 931.61



PGL 932.04
STA. 29+00.00
XGL 931.76

CROSS SECTIONS - TAYLOR RD
STA. 29+00.00 TO STA. 30+00.00

FAI/LIC-IR 70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\Roadway\Sheets\96808_XS410.dgn

DESIGN AGENCY
STRUCTUREPOINT

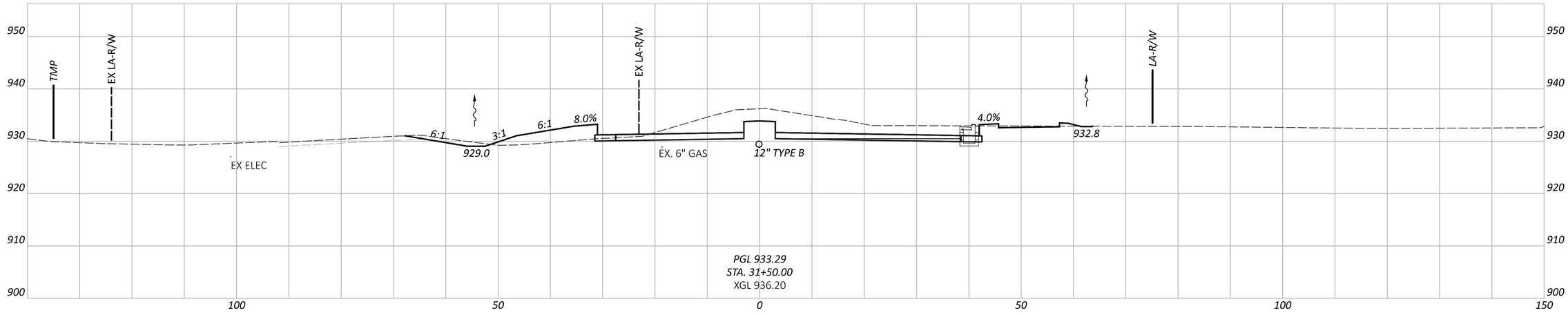
DESIGNER
BER

REVIEWER
KAM 08/07/26

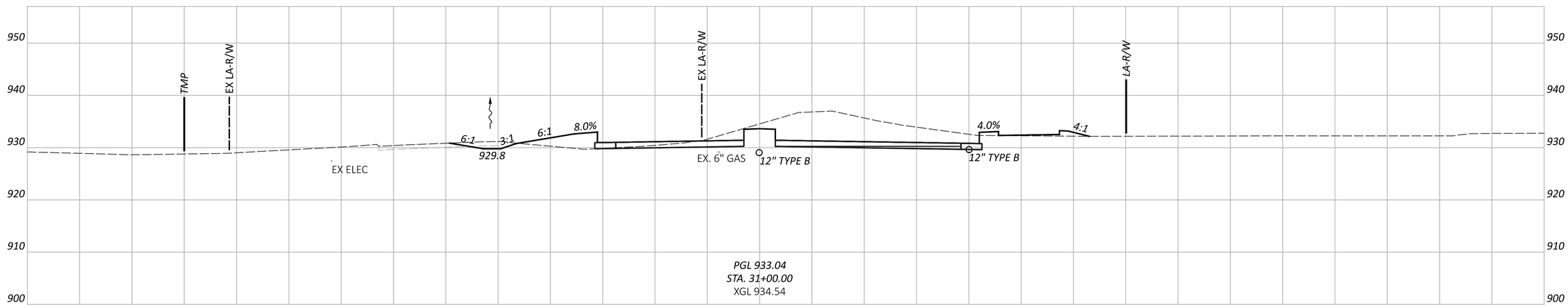
PROJECT ID
96808

SHEET P.0939 TOTAL P.2024

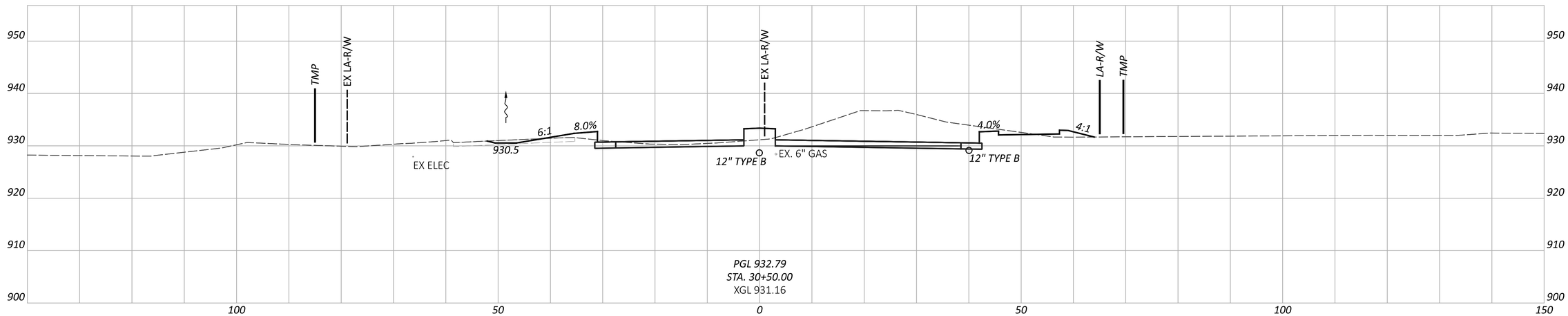
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 933.29
STA. 31+50.00
XGL 936.20



PGL 933.04
STA. 31+00.00
XGL 934.54



PGL 932.79
STA. 30+50.00
XGL 931.16

CROSS SECTIONS - TAYLOR RD
STA. 30+50.00 TO STA. 31+50.00

FAI/LIC-IR 70-0.00/0.00

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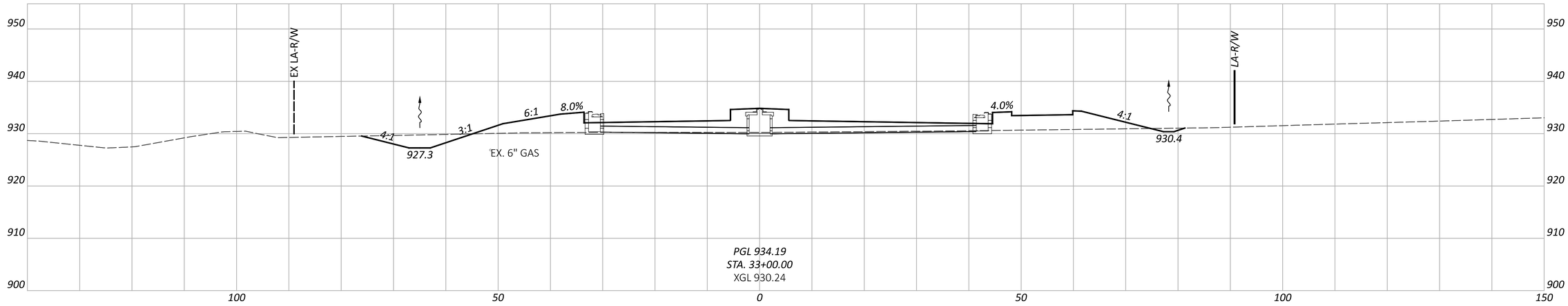
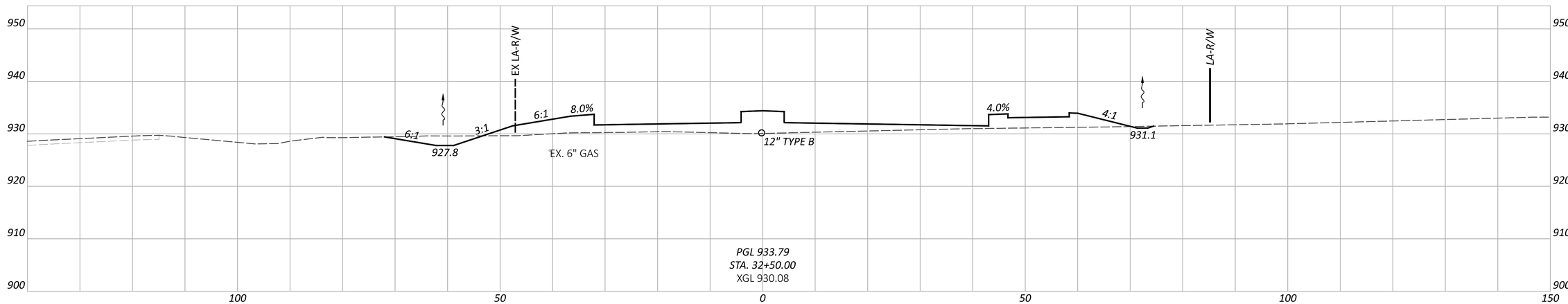
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0940
TOTAL	P.2024

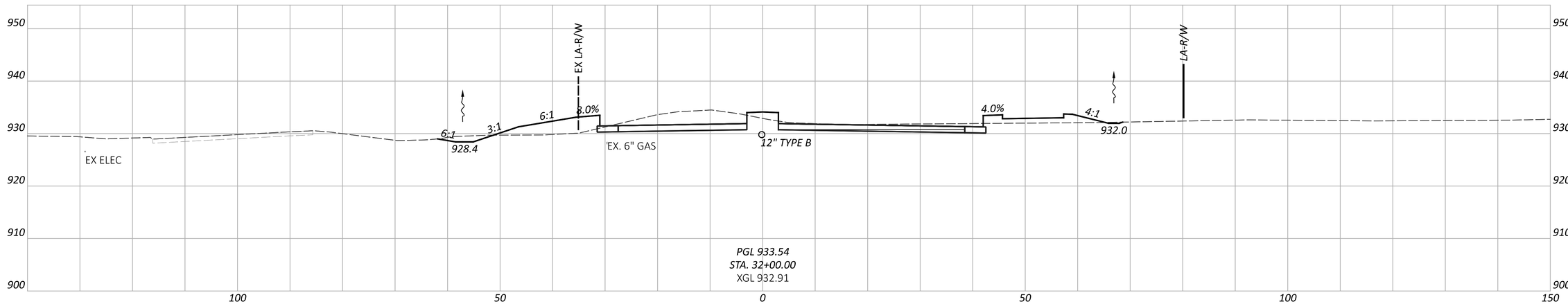
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 934.19
STA. 33+00.00
XGL 930.24



PGL 933.79
STA. 32+50.00
XGL 930.08



PGL 933.54
STA. 32+00.00
XGL 932.91

CROSS SECTIONS - TAYLOR RD
STA. 32+00.00 TO STA. 33+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0941 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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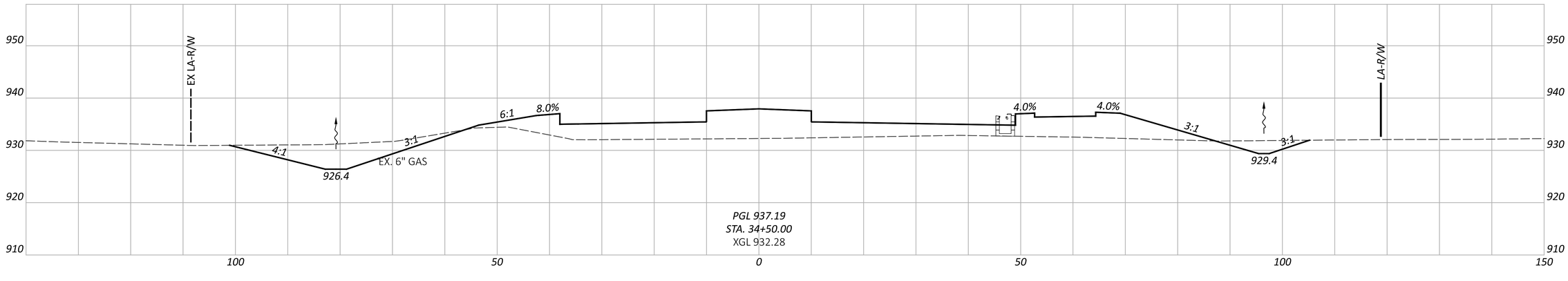

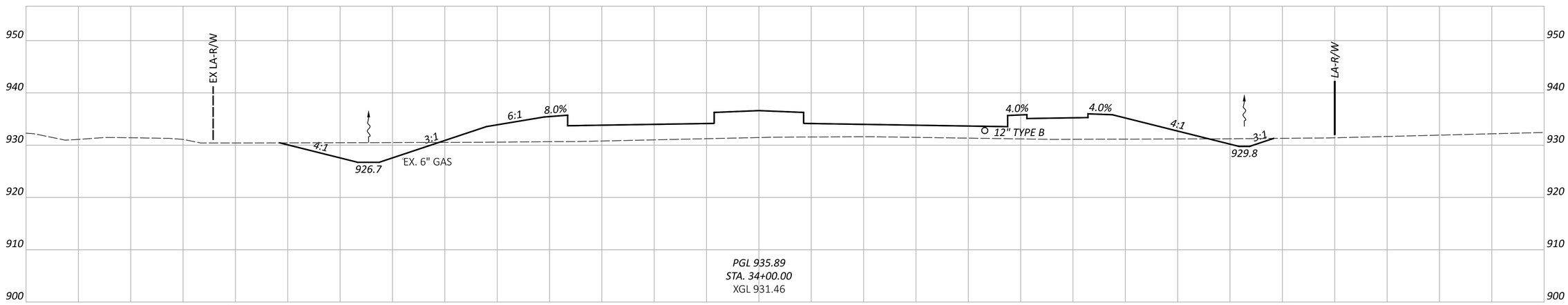

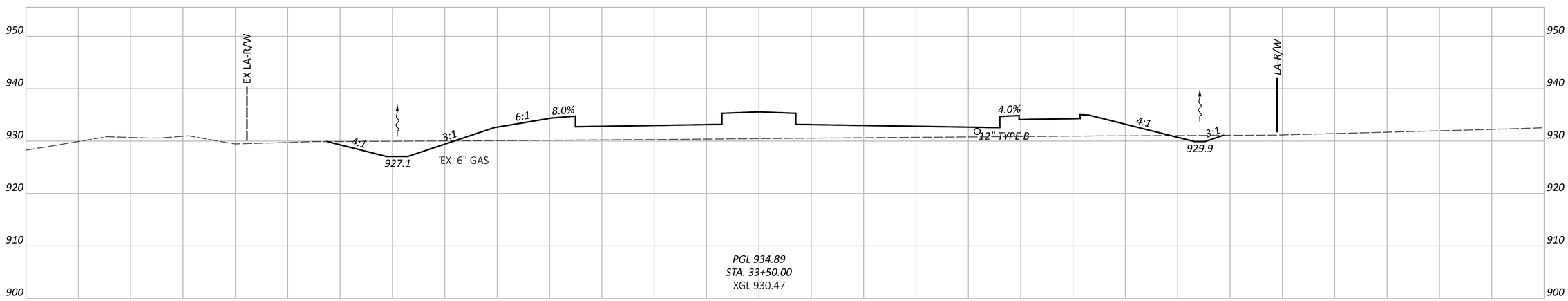

CROSS SECTIONS - TAYLOR RD
STA. 33+50.00 TO STA. 34+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 33+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:42 AM USER: brieder
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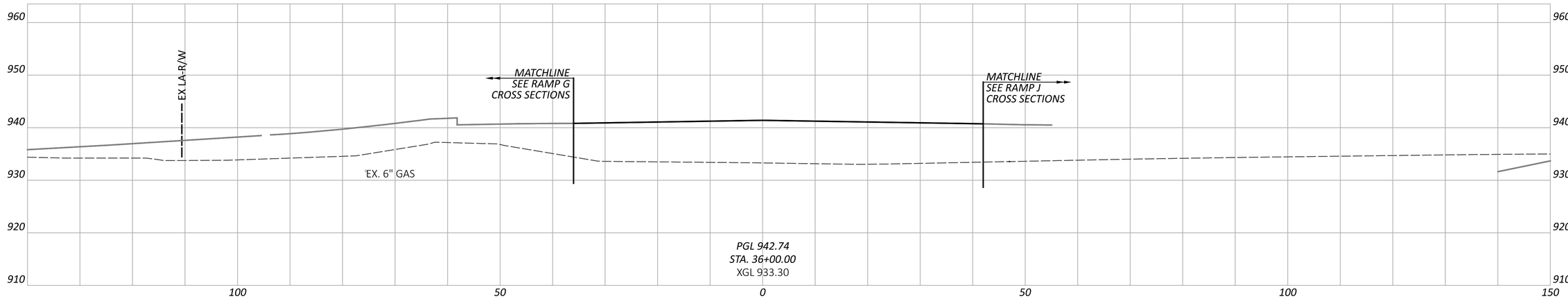
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

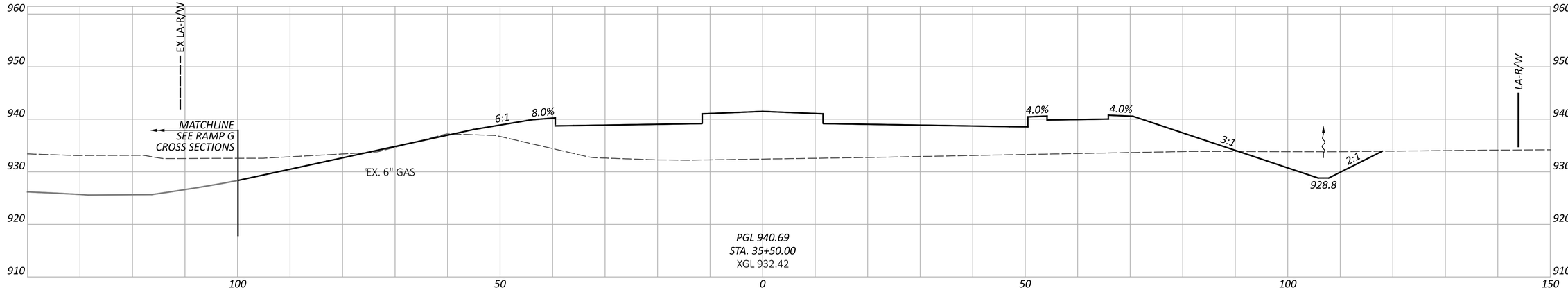
DESIGNER
BER

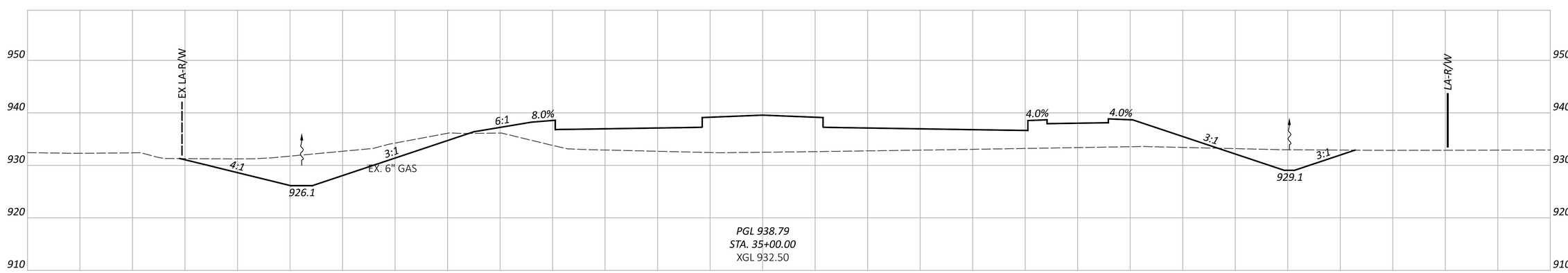
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0942 | TOTAL P.2024







CROSS SECTIONS - TAYLOR RD
STA. 35+00.00 TO STA. 36+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 35+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:46 AM USER: brieder
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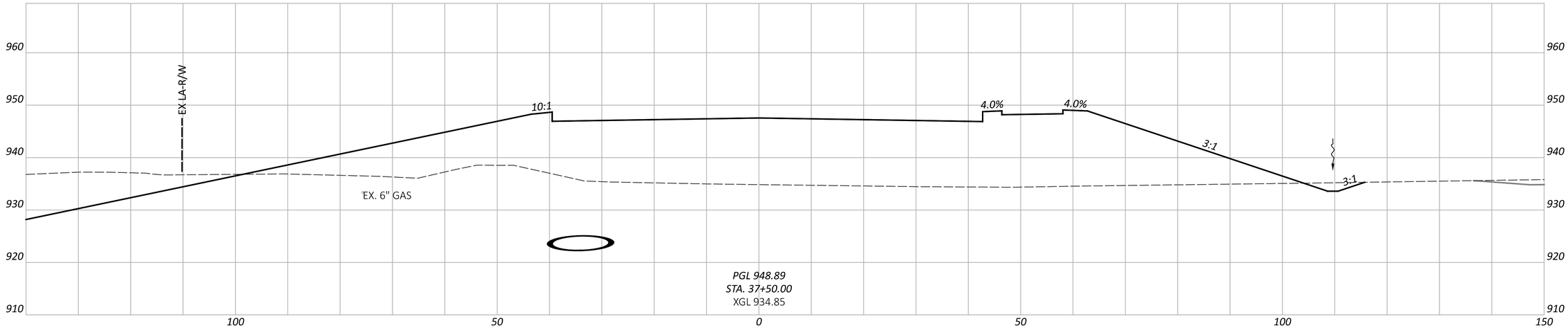
DESIGN AGENCY
STRUCTUREPOINT INC.

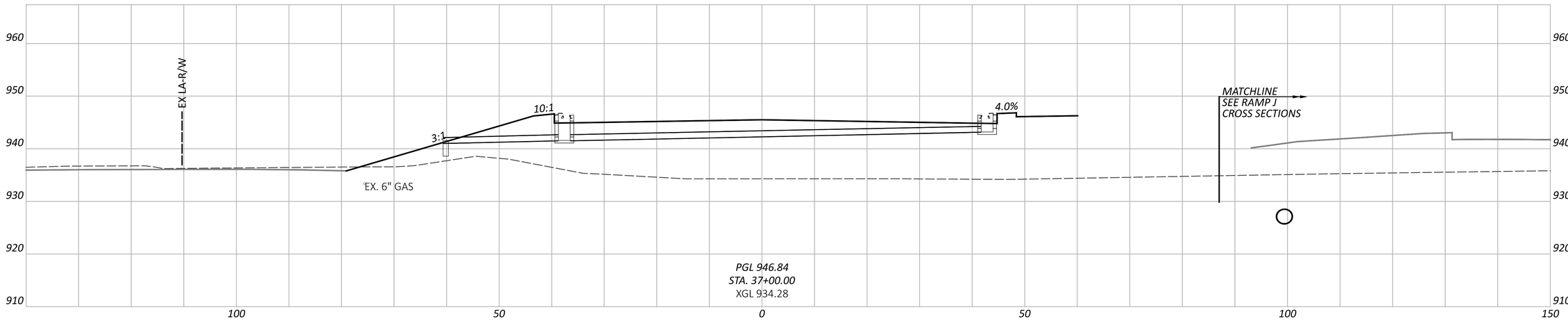
DESIGNER
BER

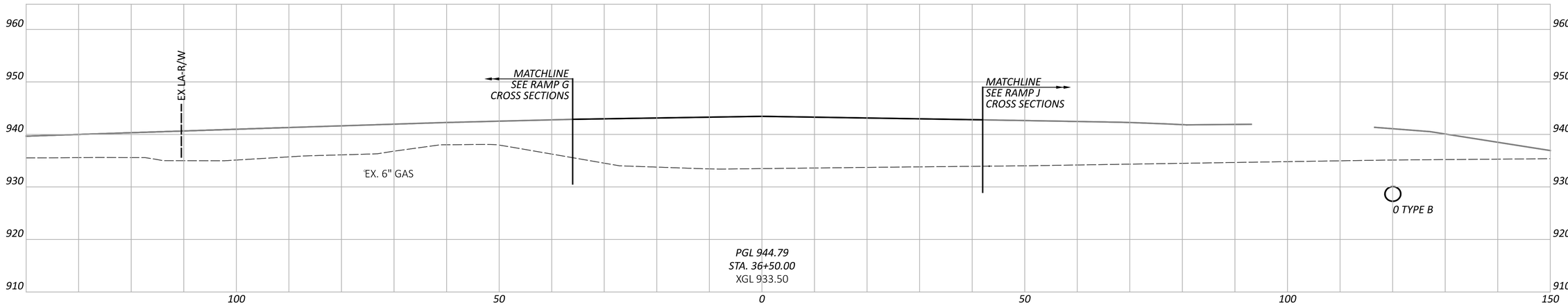
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0943 | TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 36+50.00 TO STA. 37+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0944 TOTAL P.2024

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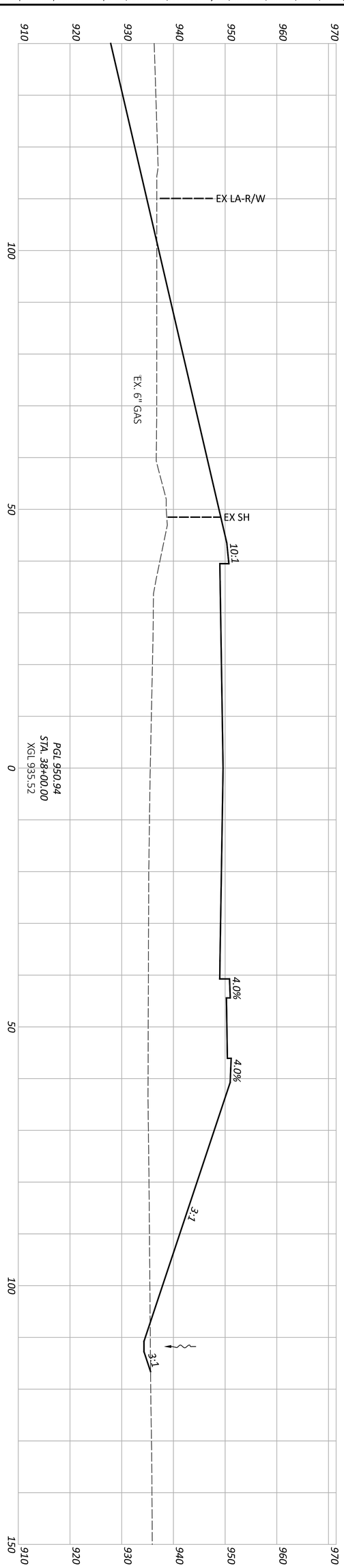

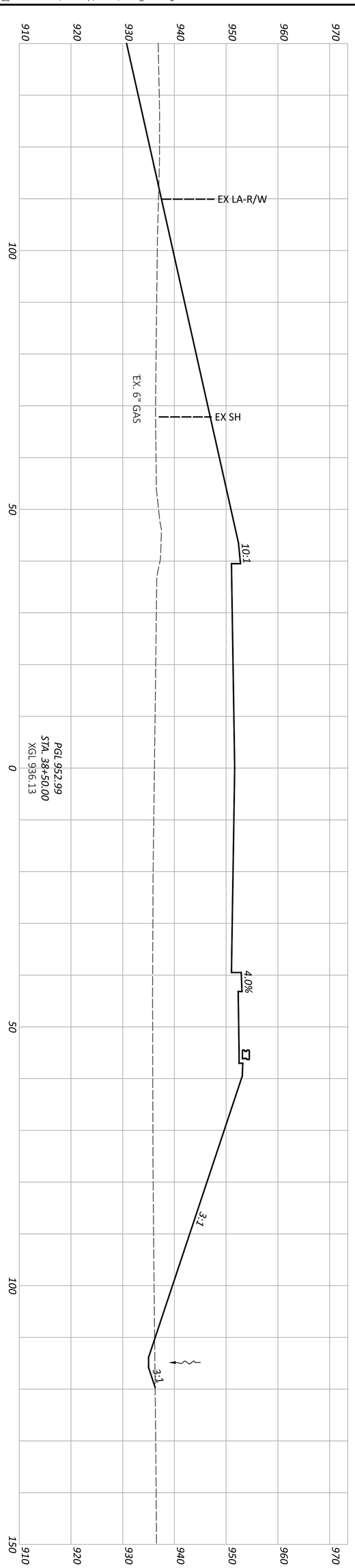

DESIGNER	REVIEWER	DESIGN AGENCY	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	AMERICAN STRUCTUREPOINT INC.	96808	P 0945	P 2024

CROSS SECTIONS - TAYLOR RD
STA. 38+00.00 TO STA. 38+50.00

CROSS SECTIONS - TAYLOR RD
STA. 39+00.00 TO STA. 39+58.02

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 39+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:01:58 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0946 TOTAL P.2024

CROSS SECTIONS - TAYLOR RD
STA. 42+56.10 TO STA. 43+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 42+56.16 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:02:01 AM USER: brieder
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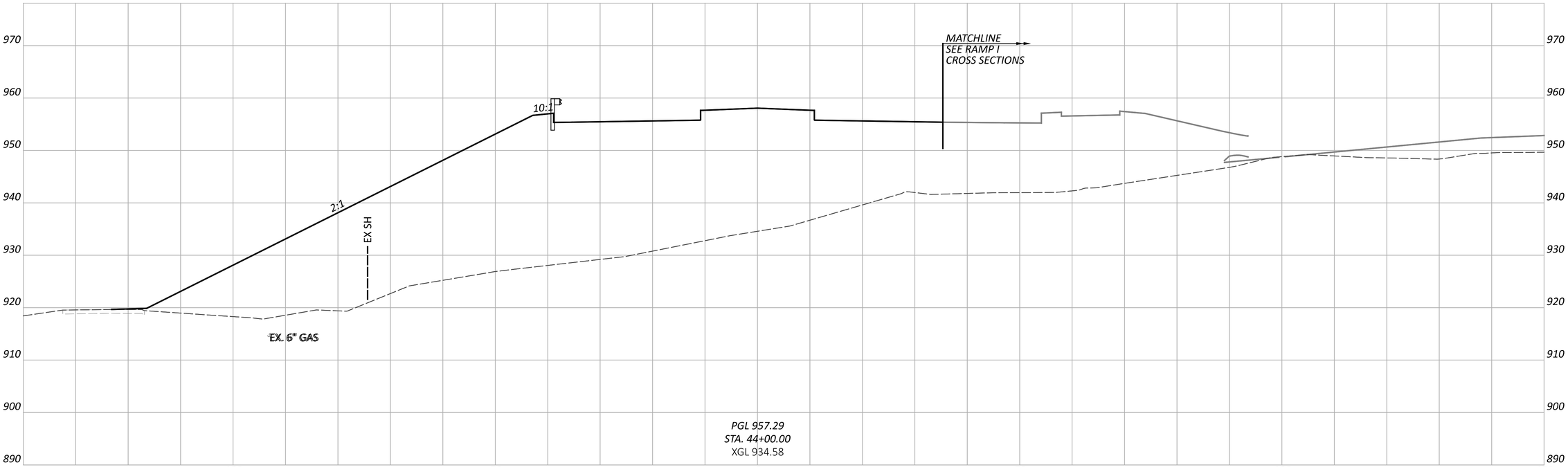
DESIGN AGENCY
STRUCTUREPOINT LLC

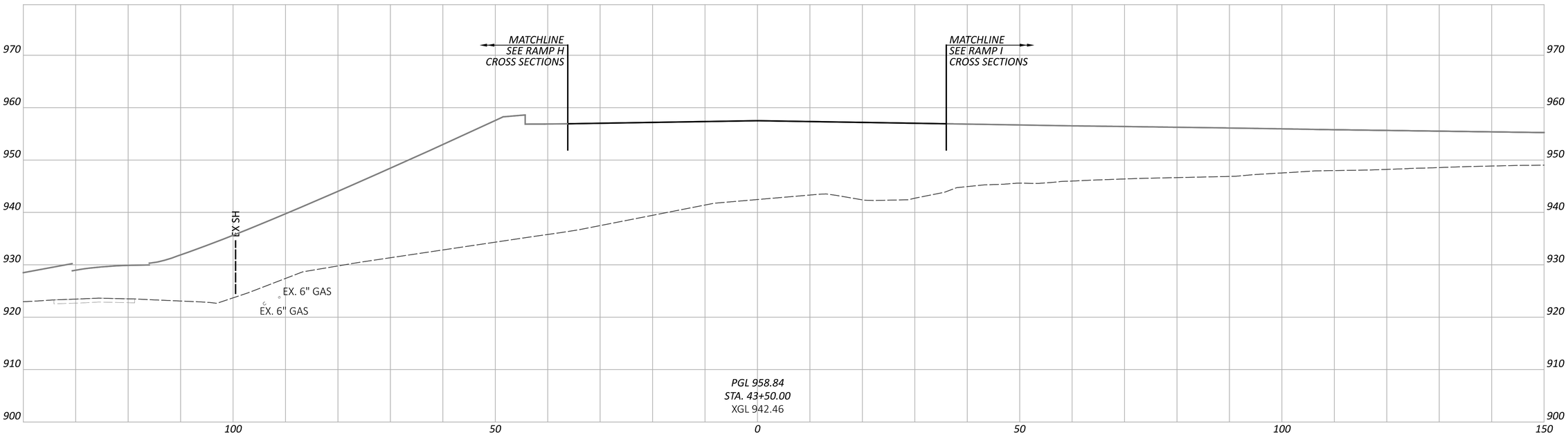
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0947 TOTAL P.2024





CROSS SECTIONS - TAYLOR RD
STA. 43+50.00 TO STA. 44+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 43+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:02:04 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0948 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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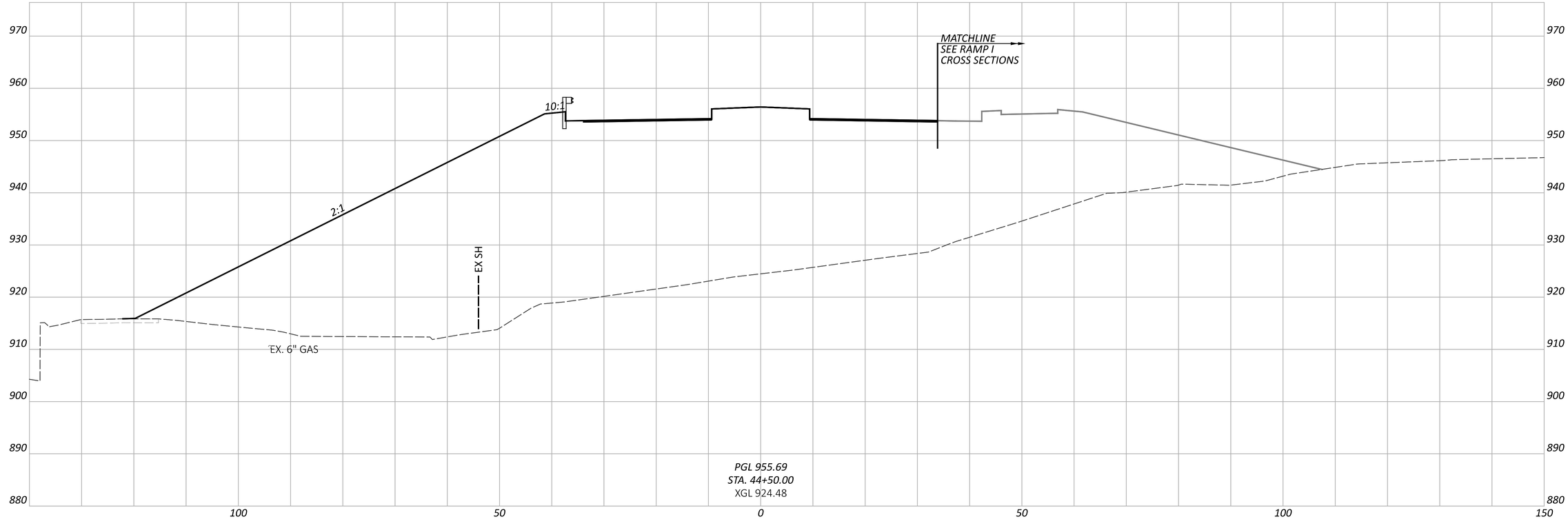


CROSS SECTIONS - TAYLOR RD
STA. 44+50.00

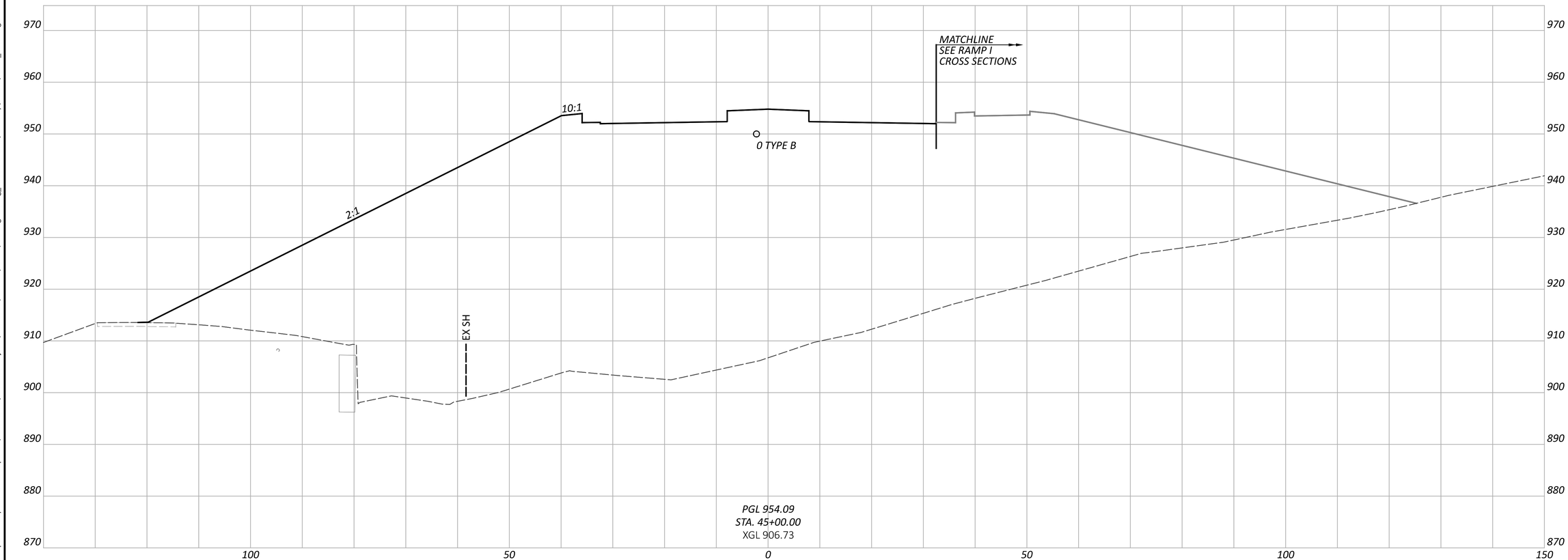
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0949 TOTAL P.2024



CROSS SECTIONS - TAYLOR RD
STA. 45+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0950 TOTAL P.2024

MODEL: CLP_TAYLOR - 45+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:02:15 AM USER: brieder
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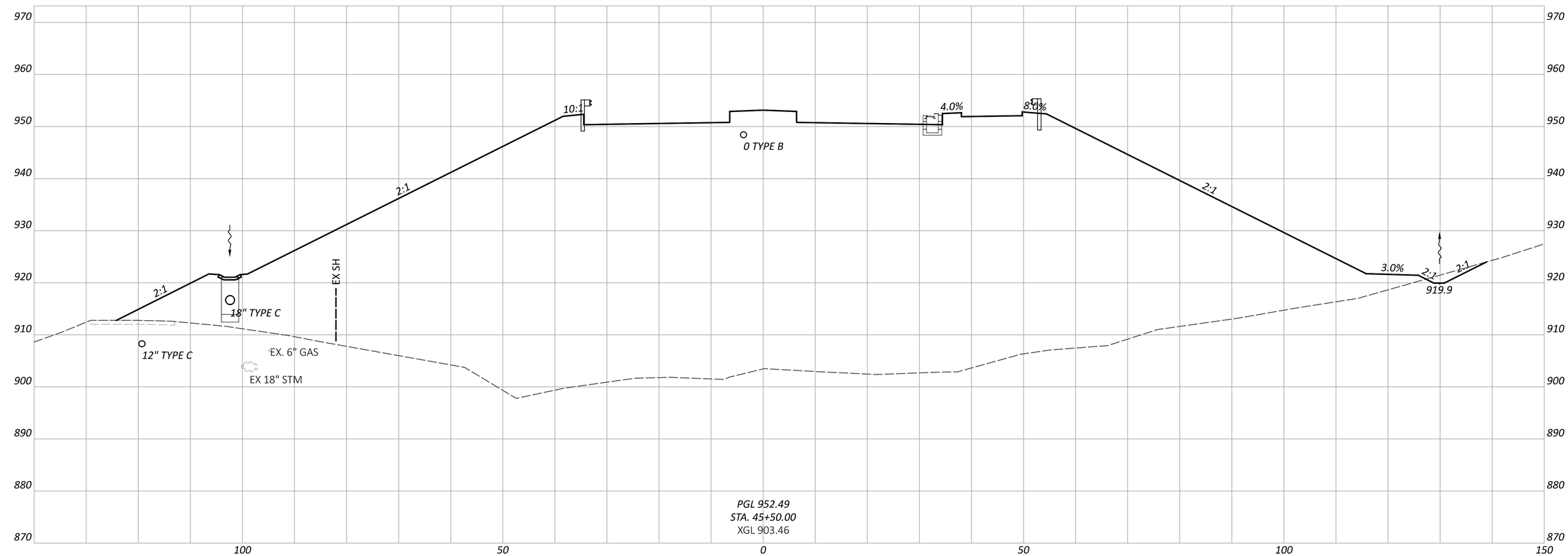
FAI/LIC-IR 70-0.00/0.00



CROSS SECTIONS - TAYLOR RD
STA. 45+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

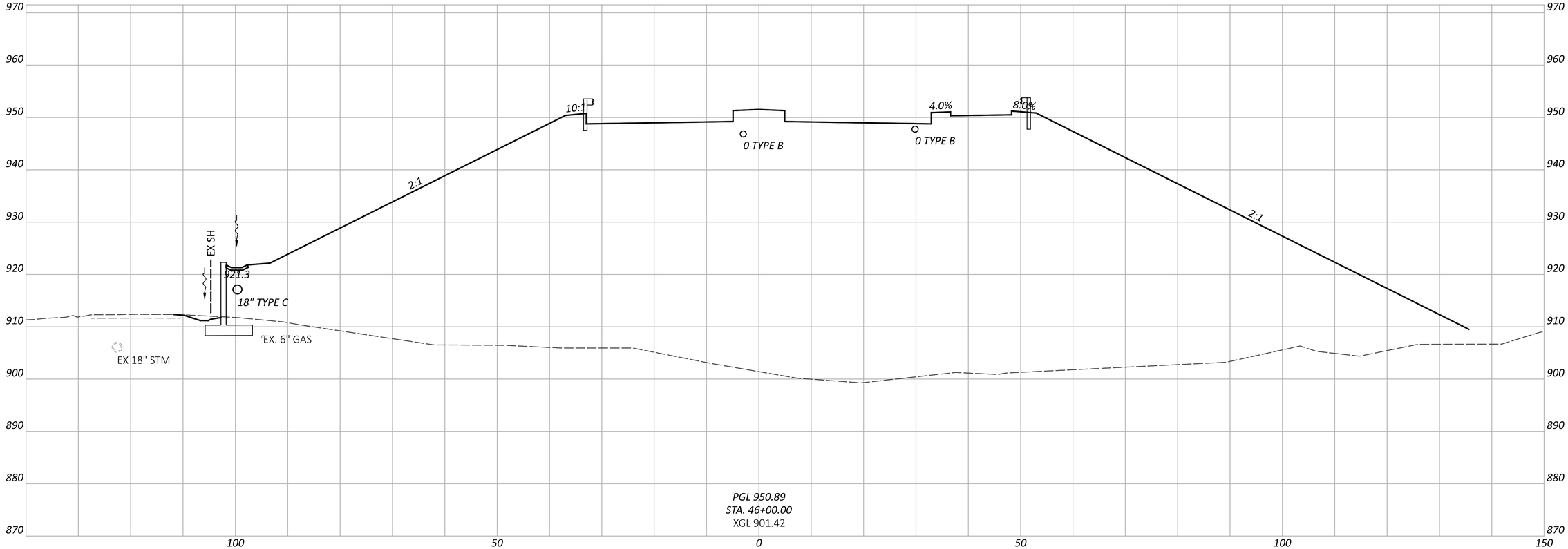
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0951 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



CROSS SECTIONS - TAYLOR RD
STA. 46+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0952 TOTAL P.2024

CROSS SECTIONS - TAYLOR RD
STA. 46+50.00 TO STA. 47+00.00

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0953 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 47+50.00 TO STA. 48+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 47+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:02:25 AM USER: brieder
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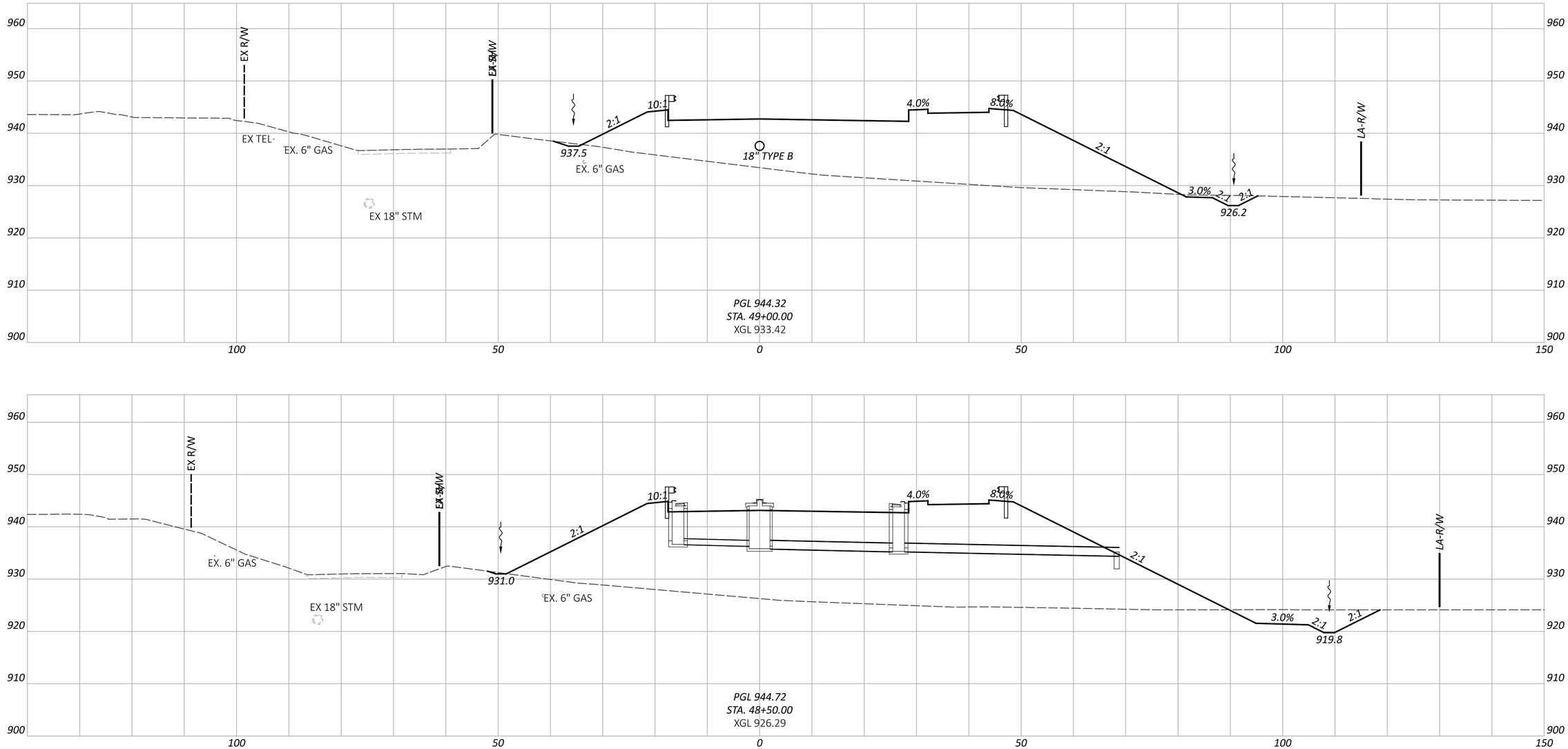
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0954 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 48+50.00 TO STA. 49+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

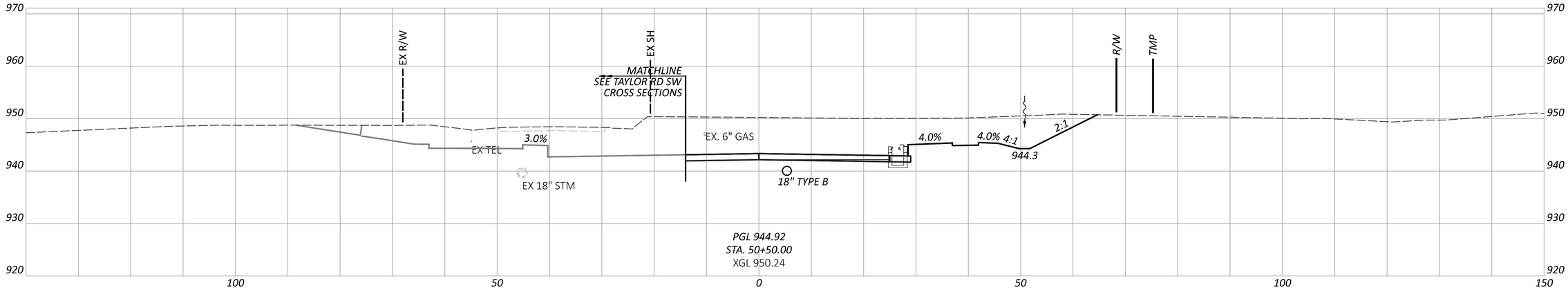
DESIGNER
BER

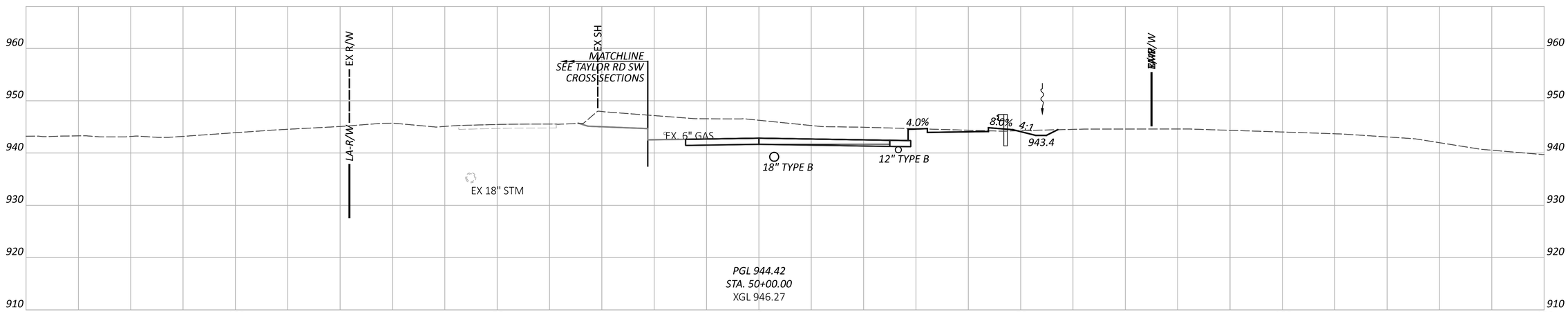
REVIEWER
KAM 08/07/26

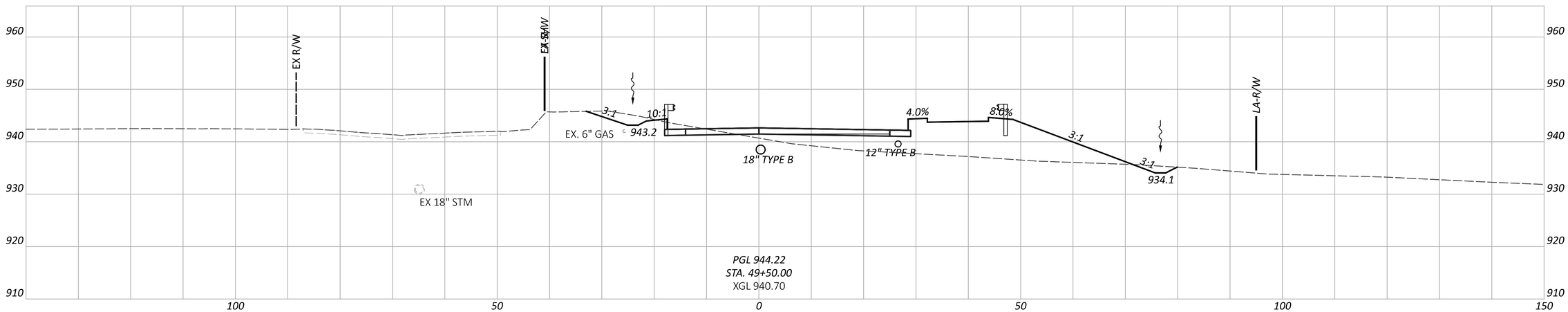
PROJECT ID
96808

SHEET P.0955 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - TAYLOR RD
STA. 49+50.00 TO STA. 50+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

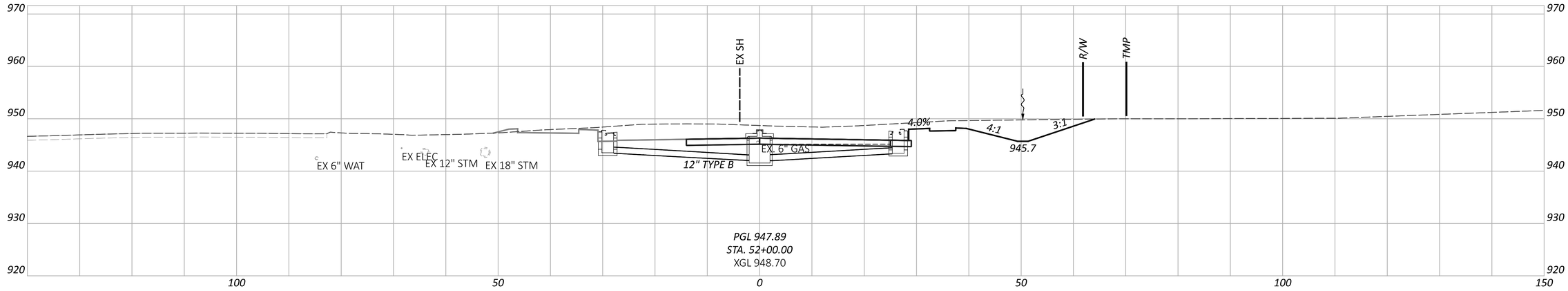
DESIGNER
BER

REVIEWER
KAM 08/07/26

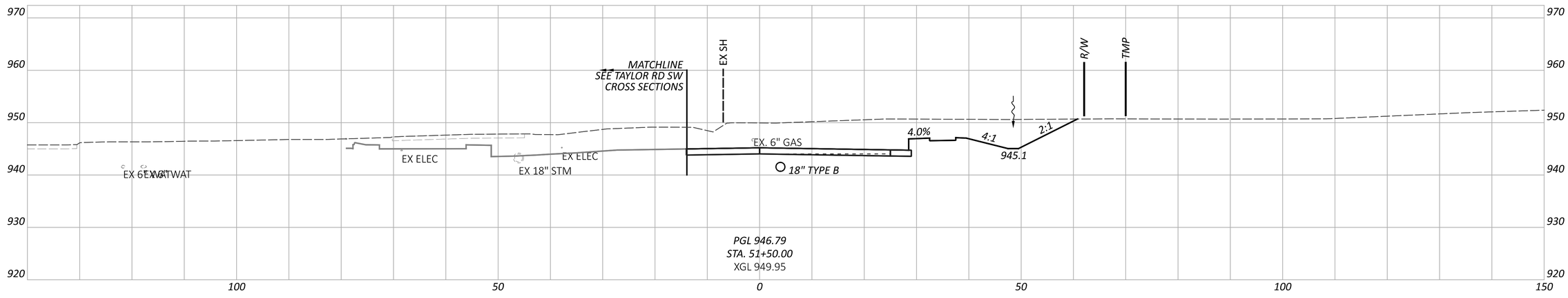
PROJECT ID
96808

SHEET P.0956 TOTAL P.2024

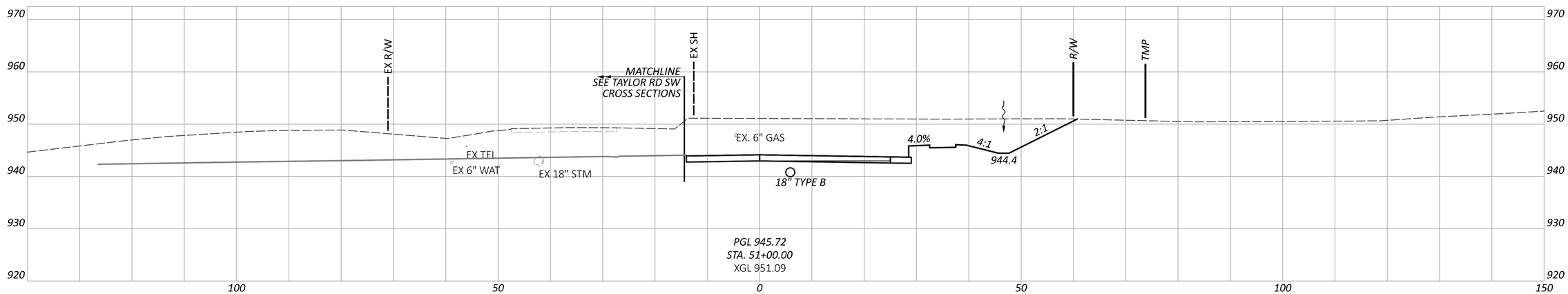
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP



PGL 947.89
STA. 52+00.00
XGL 948.70



PGL 946.79
STA. 51+50.00
XGL 949.95



PGL 945.72
STA. 51+00.00
XGL 951.09

CROSS SECTIONS - TAYLOR RD
STA. 51+00.00 TO STA. 52+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0957 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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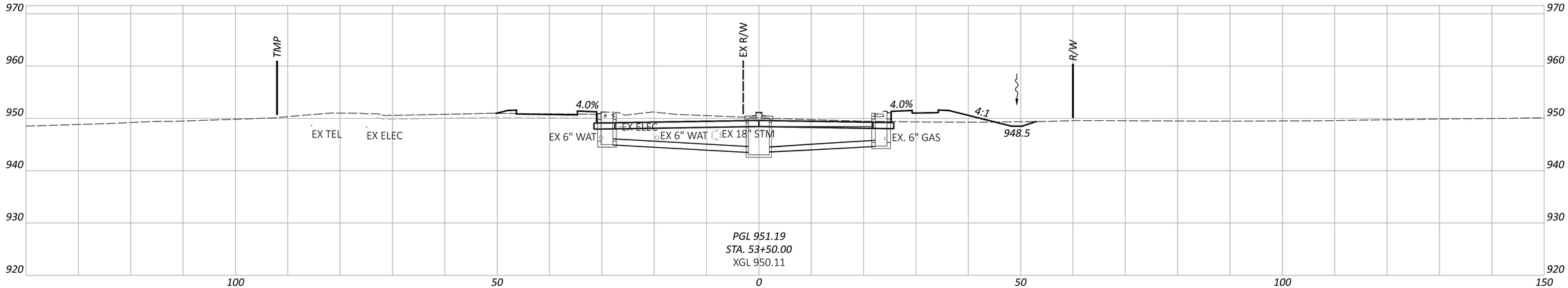
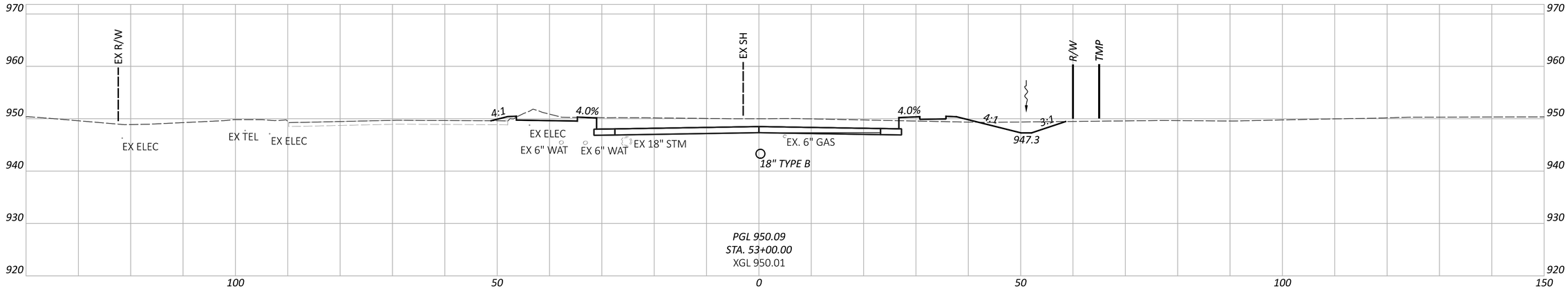
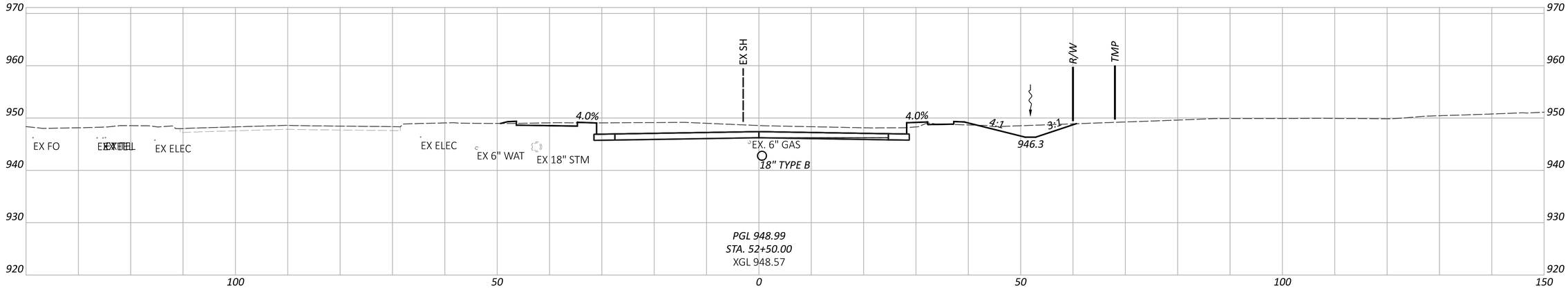
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - TAYLOR RD
STA. 52+50.00 TO STA. 53+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0958 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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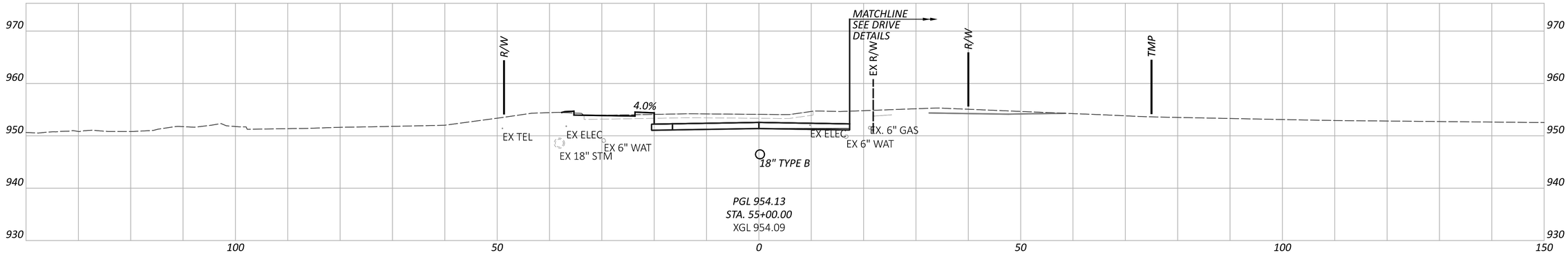
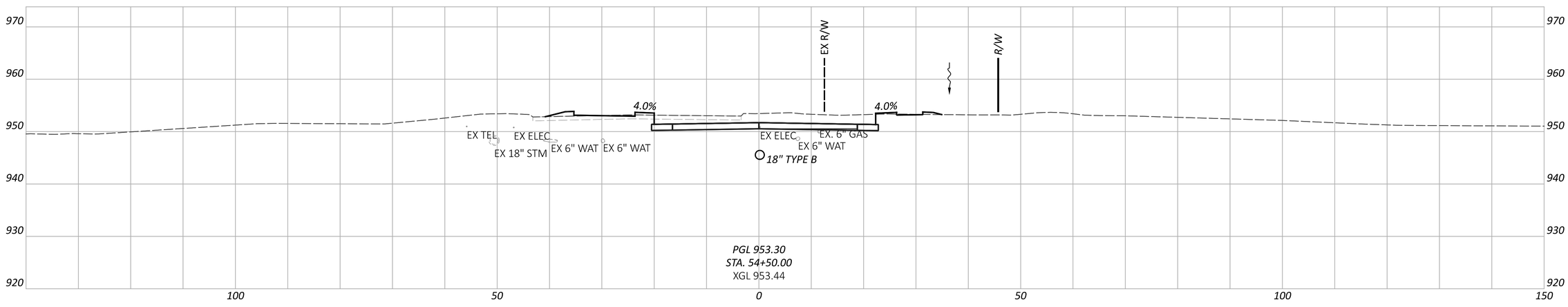
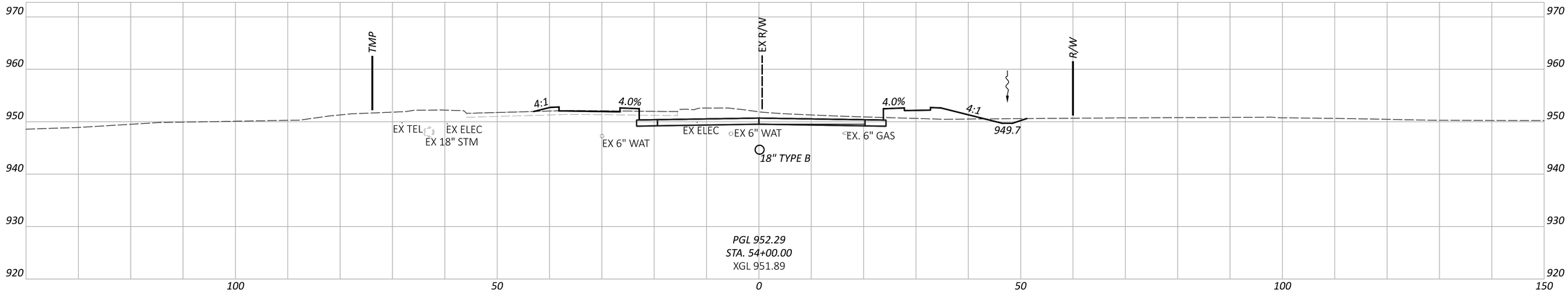
ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - TAYLOR RD
STA. 54+00.00 TO STA. 55+00.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

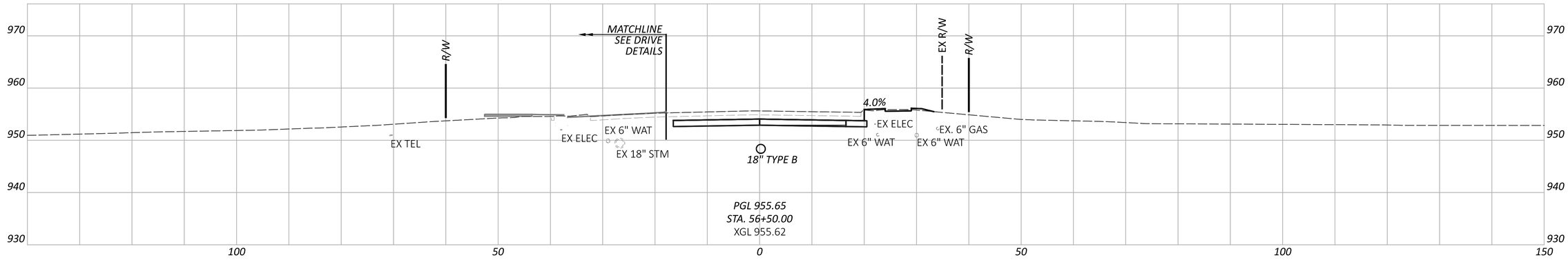
DESIGNER
BER

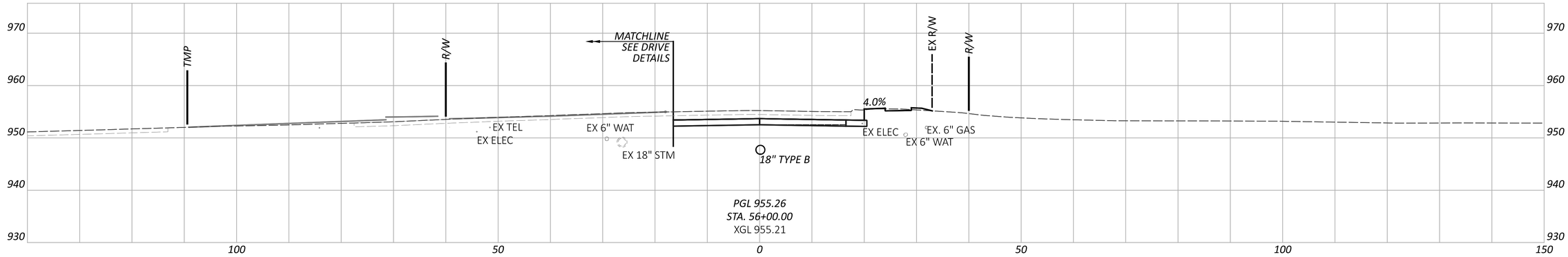
REVIEWER
KAM 08/07/26

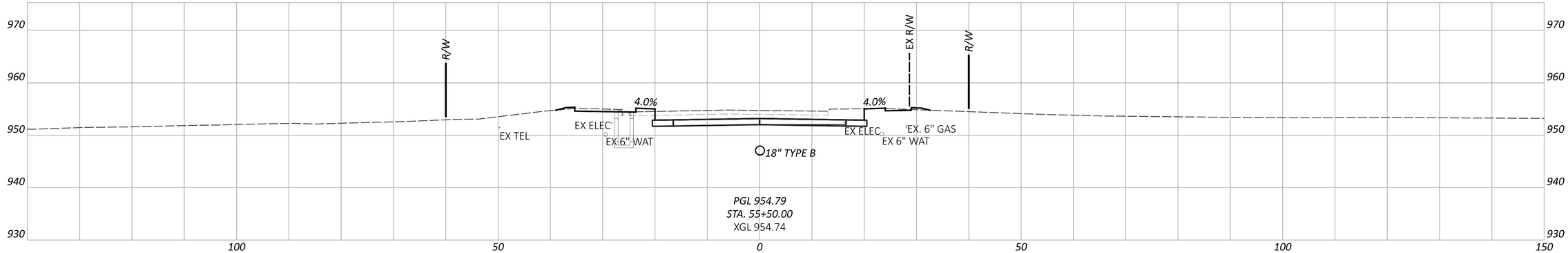
PROJECT ID
96808

SHEET P.0959 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







CROSS SECTIONS - TAYLOR RD
STA. 55+50.00 TO STA. 56+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

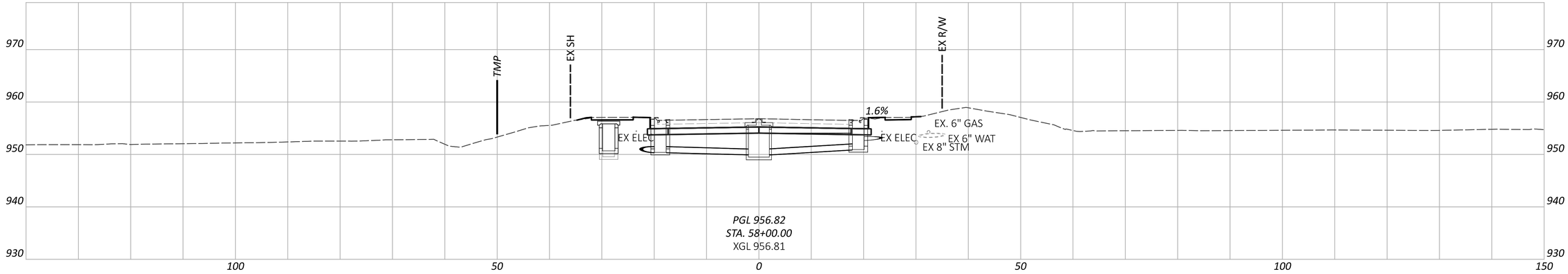
DESIGNER
BER

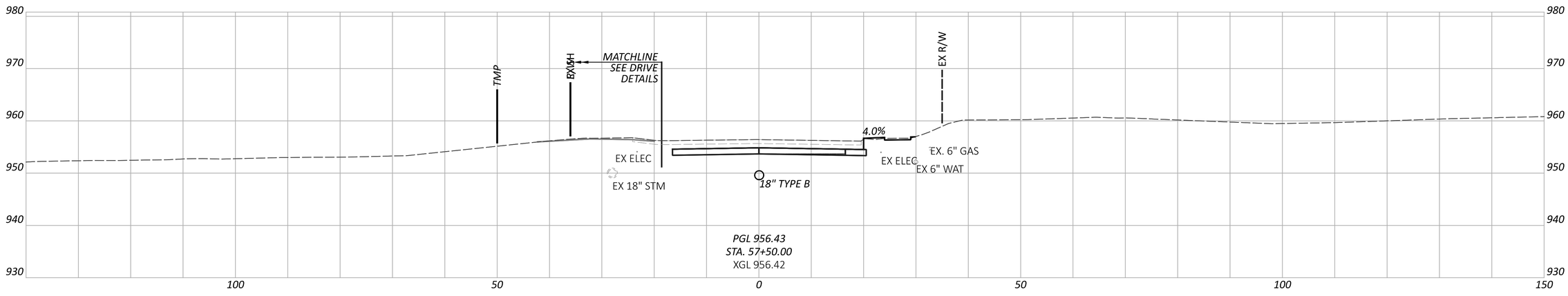
REVIEWER
KAM 08/07/26

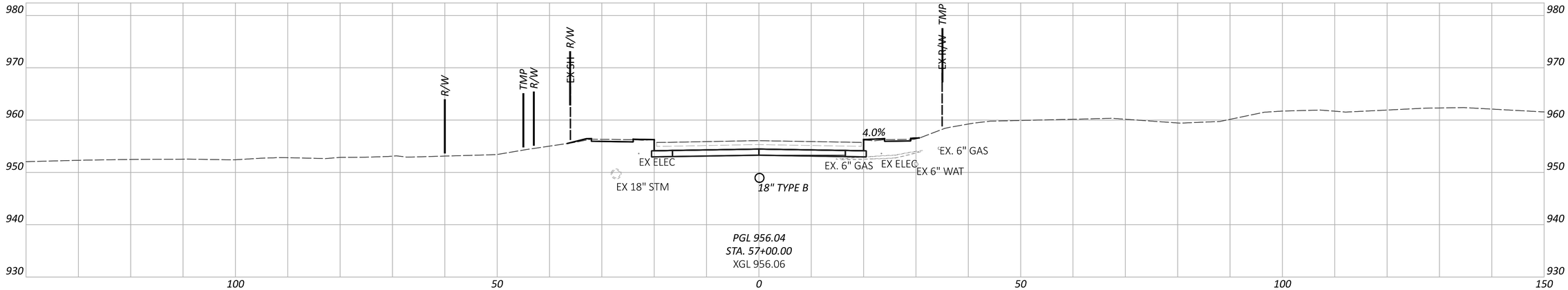
PROJECT ID
96808

SHEET P.0960 TOTAL P.2024

ITEM 206 - CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD
STA. 57+00.00 TO STA. 58+00.00

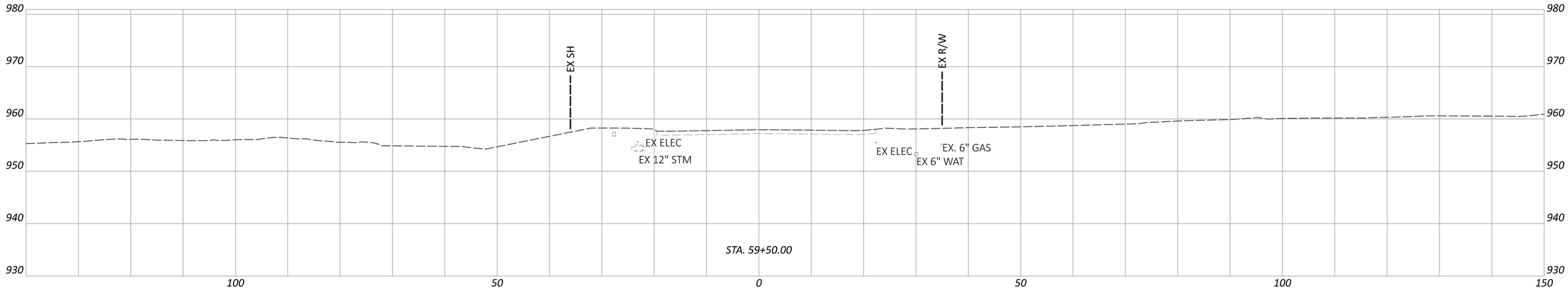
DESIGN AGENCY
STRUCTUREPOINT INC.

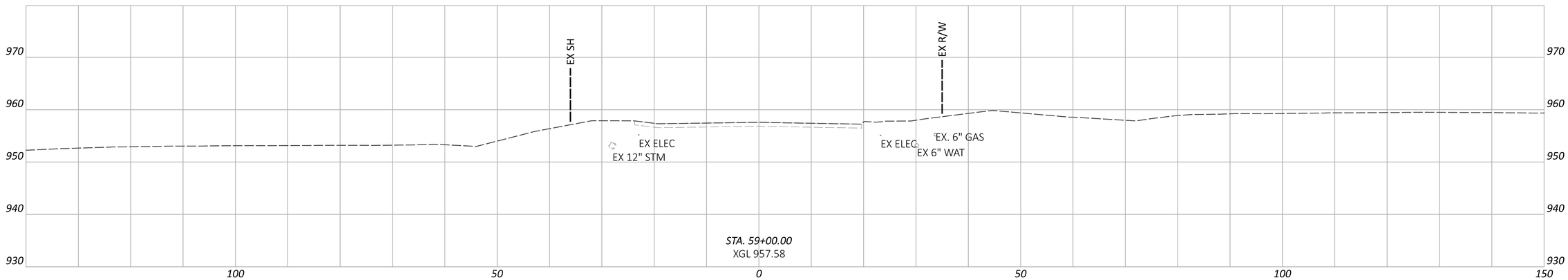
DESIGNER
BER

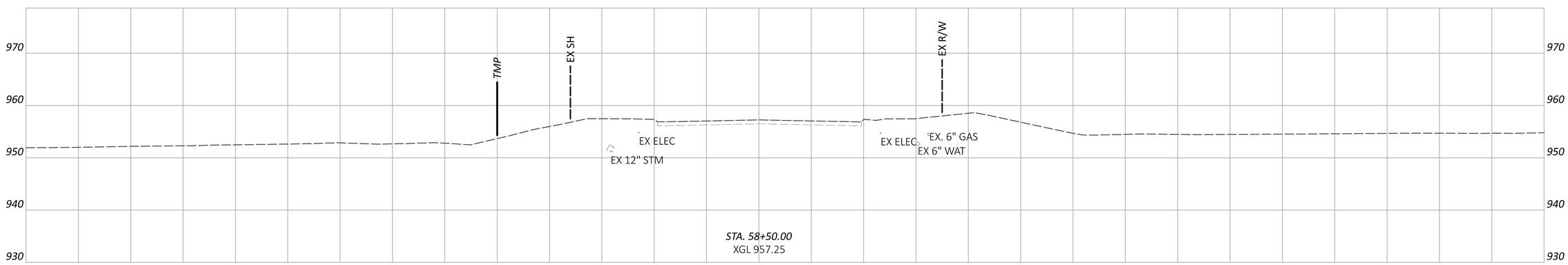
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0961 TOTAL P.2024







CROSS SECTIONS - TAYLOR RD
STA. 58+50.00 TO STA. -0+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 58+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:02:59 AM USER: brieder
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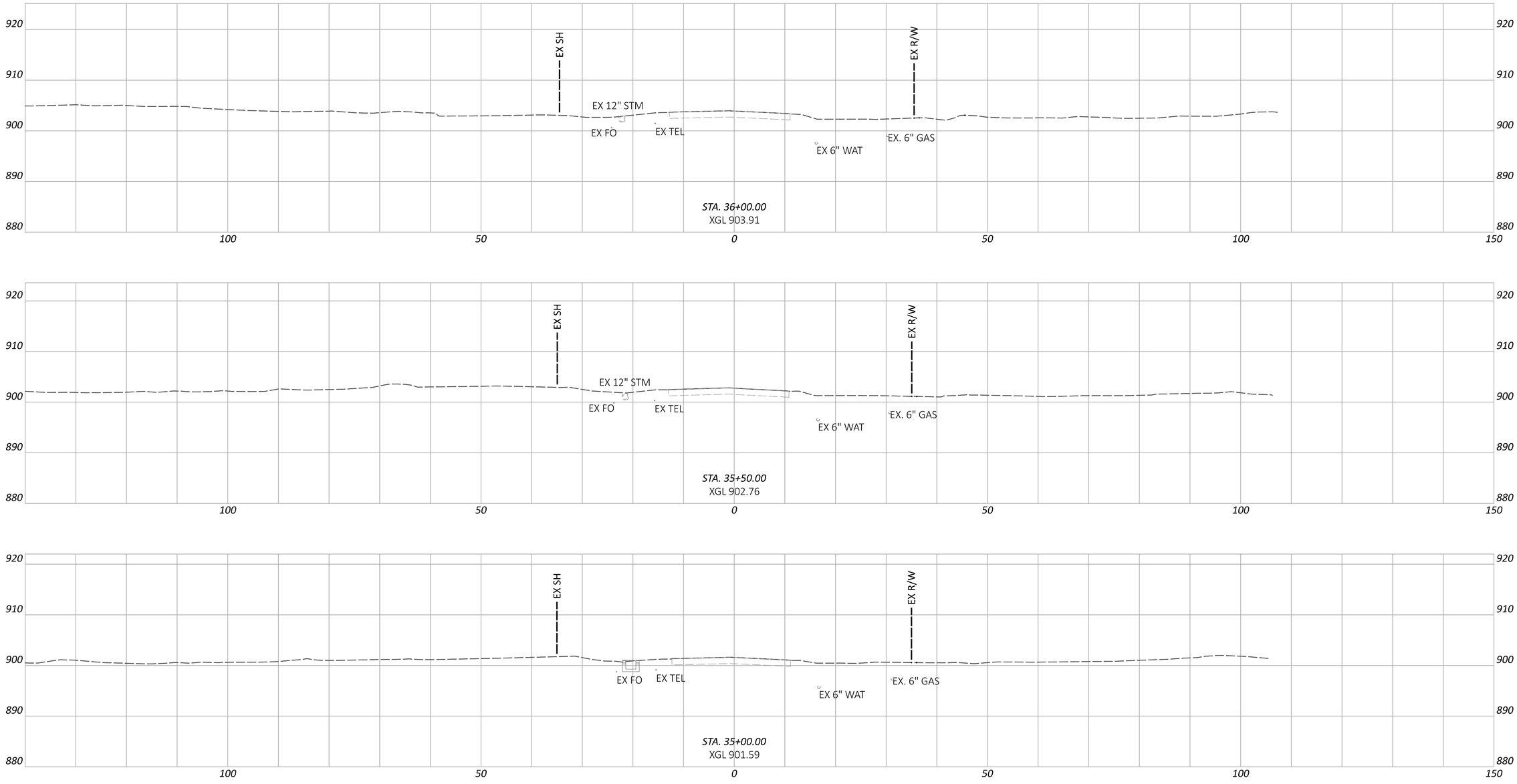
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0962 | TOTAL P.2024



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 35+00.00 TO STA. 36+00.00

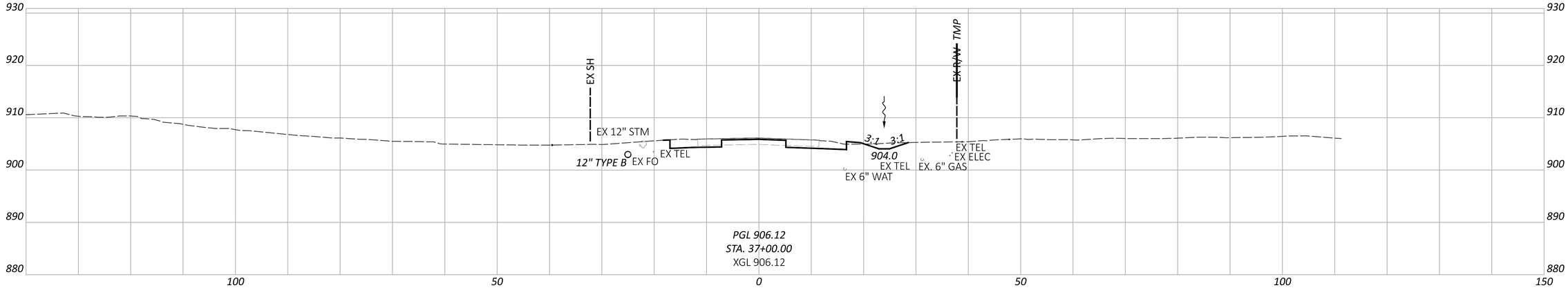
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

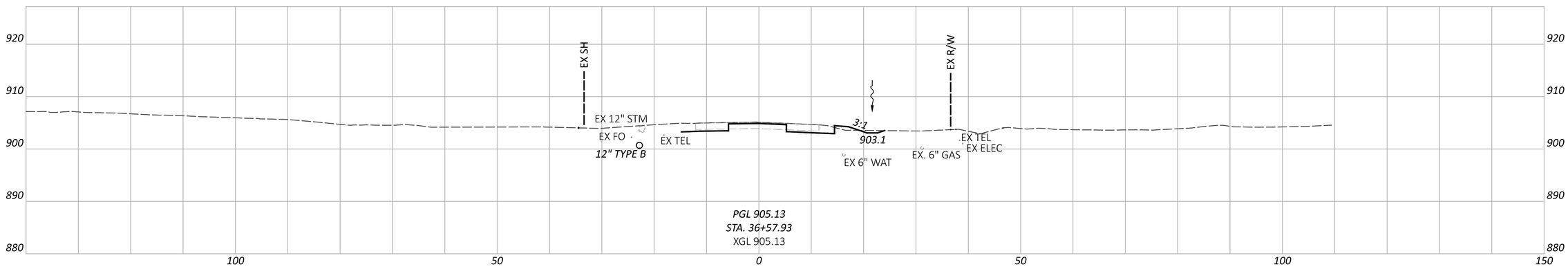
DESIGNER
BER

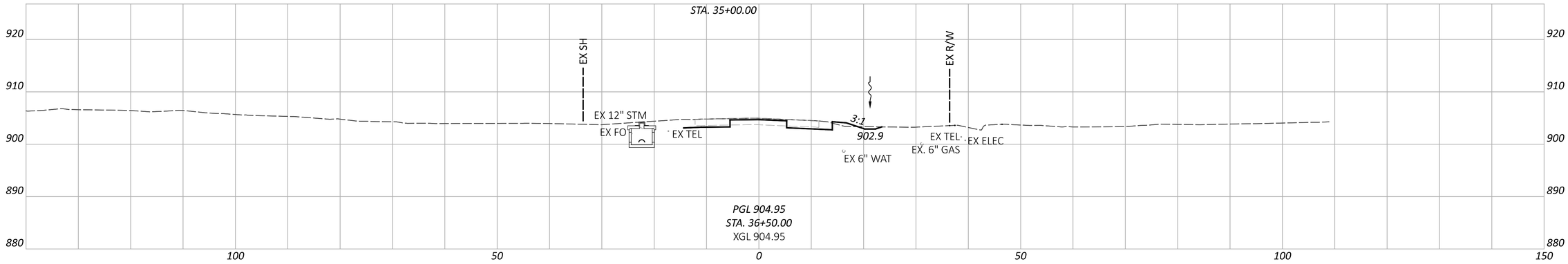
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0963 TOTAL P.2024







CROSS SECTIONS -SR 204
STA. 36+50.00 TO STA. 37+00.00

DESIGN AGENCY
AMERICA'S STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0964 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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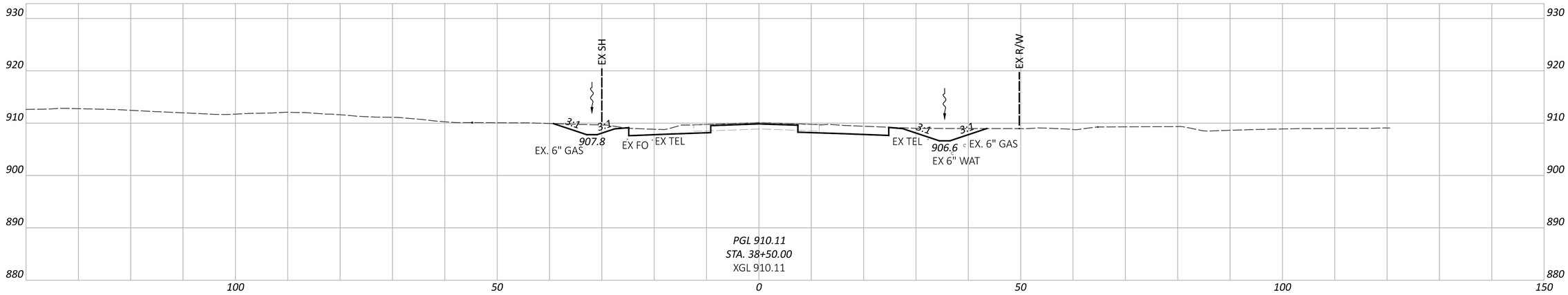

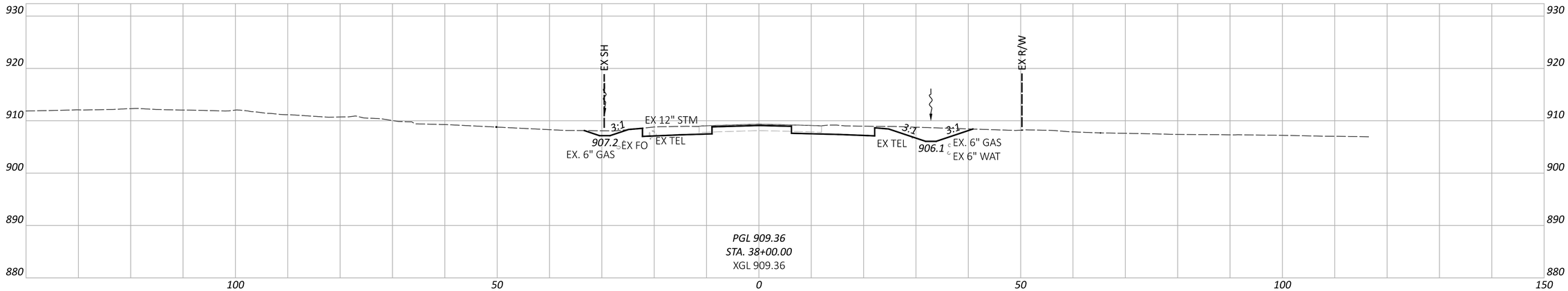

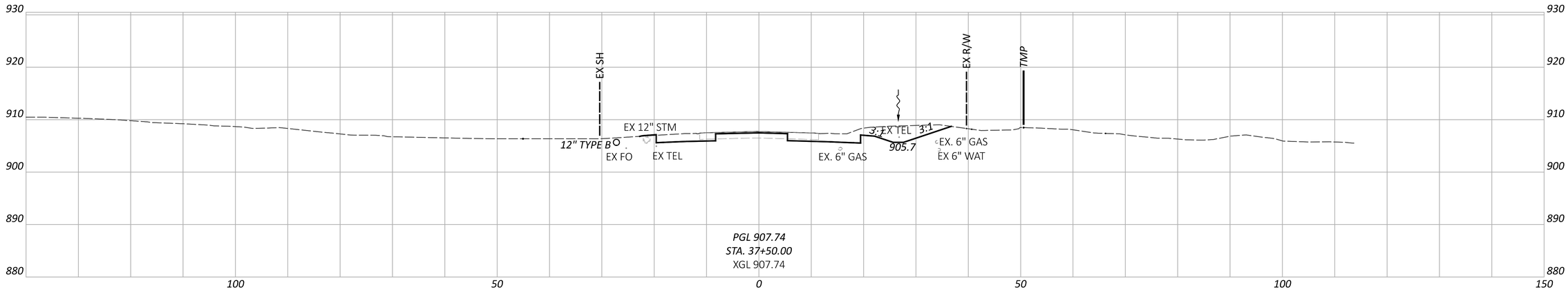

CROSS SECTIONS -SR 204
STA. 37+50.00 TO STA. 38+50.00

FAI/LIC-IR 70-0.00/0.00

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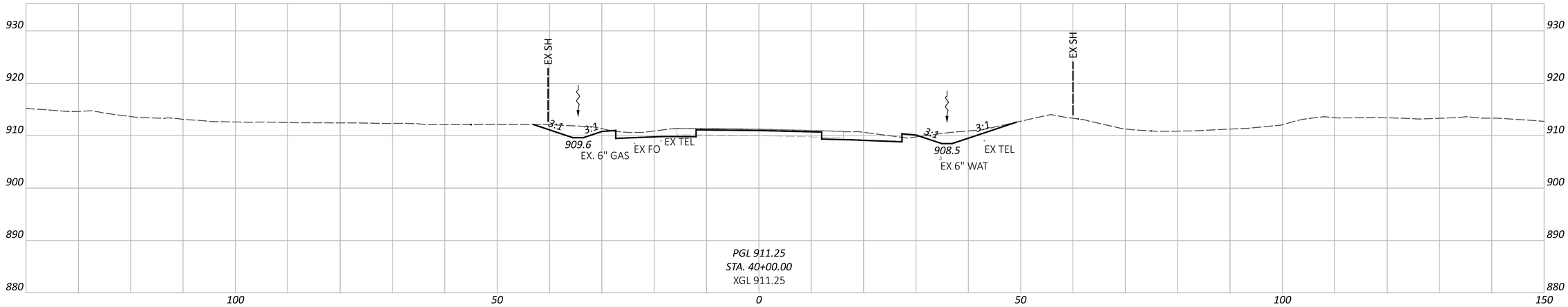
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

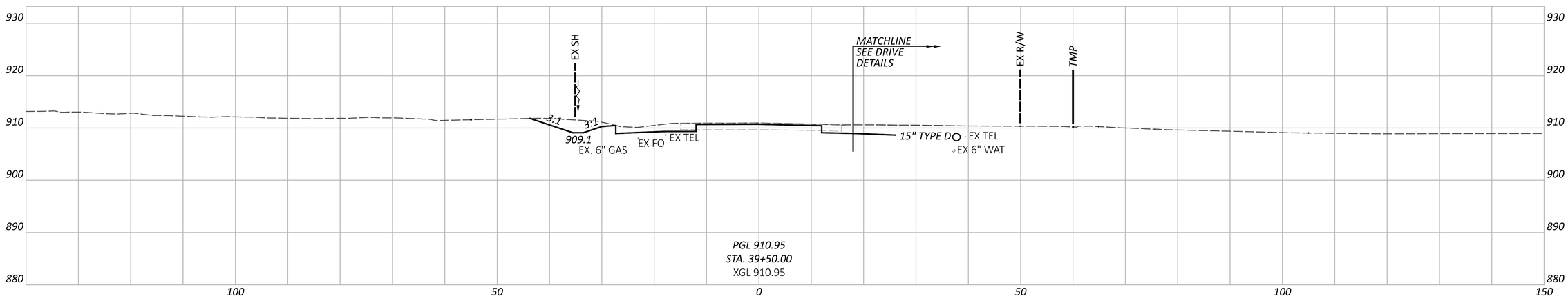
DESIGNER
BER

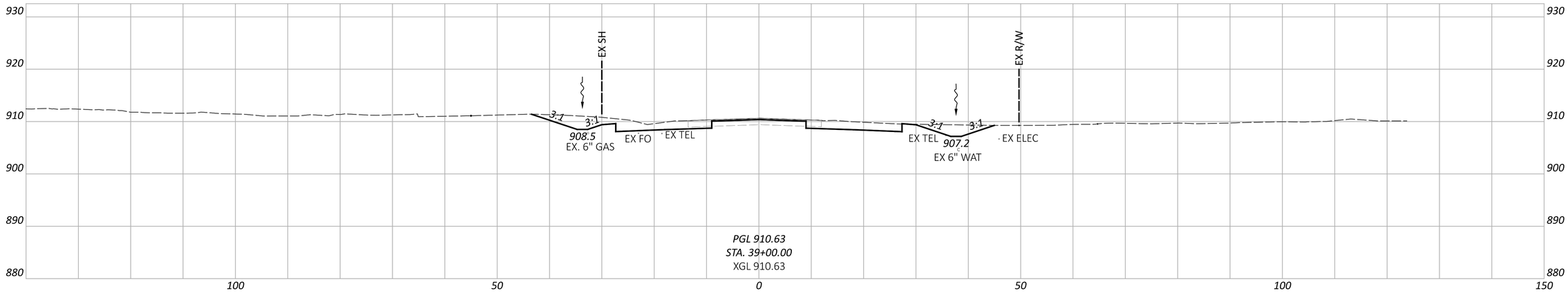
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0965 TOTAL P.2024







CROSS SECTIONS -SR 204
STA. 39+00.00 TO STA. 40+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0966 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - 39+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:03:29 AM USER: brieder
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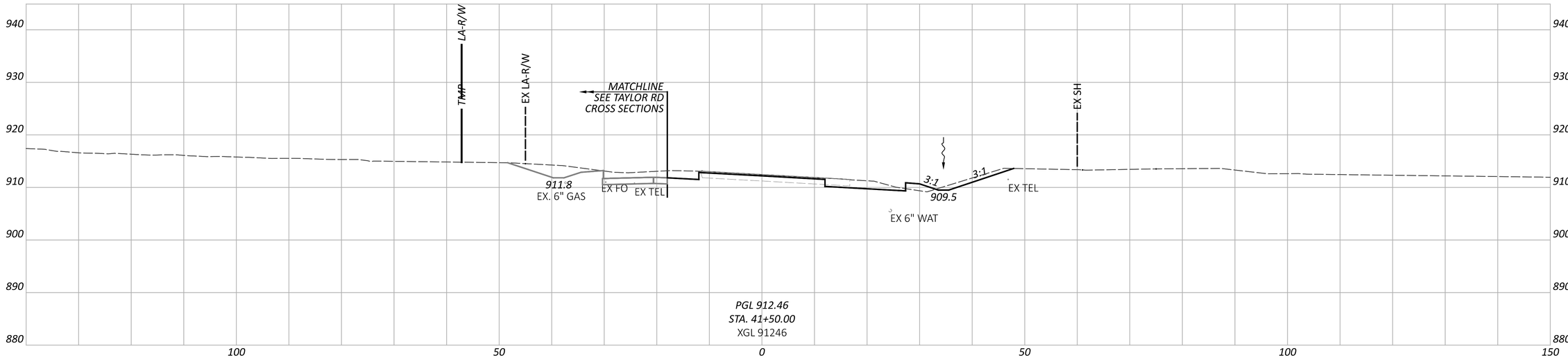

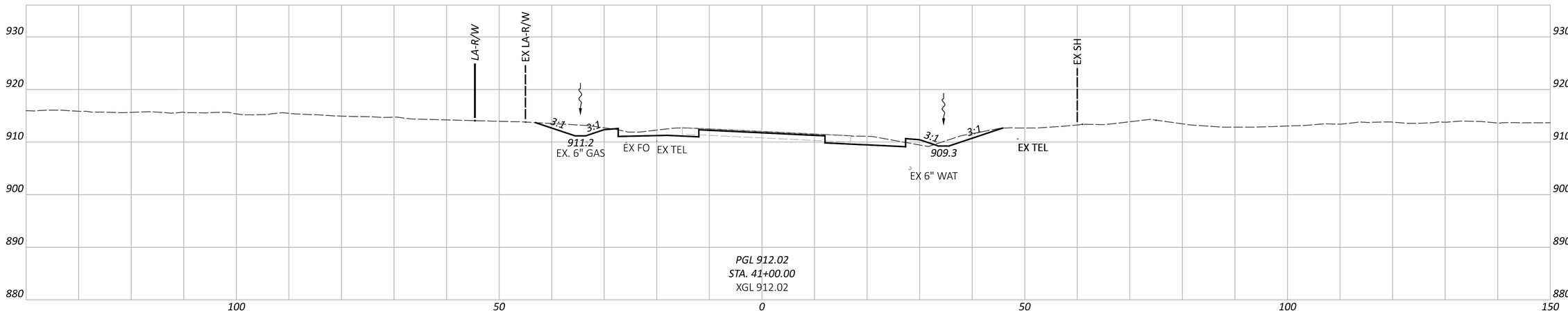

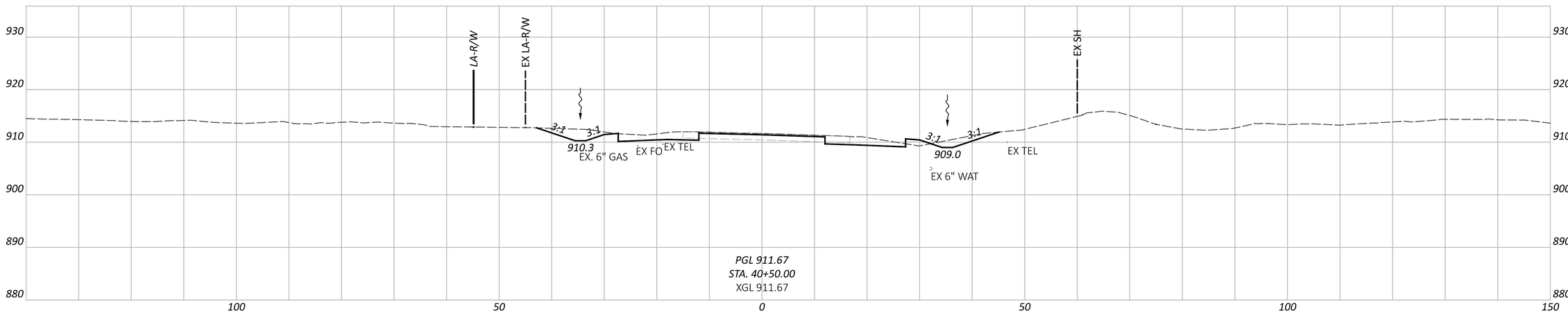

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 40+50.00 TO STA. 41+50.00

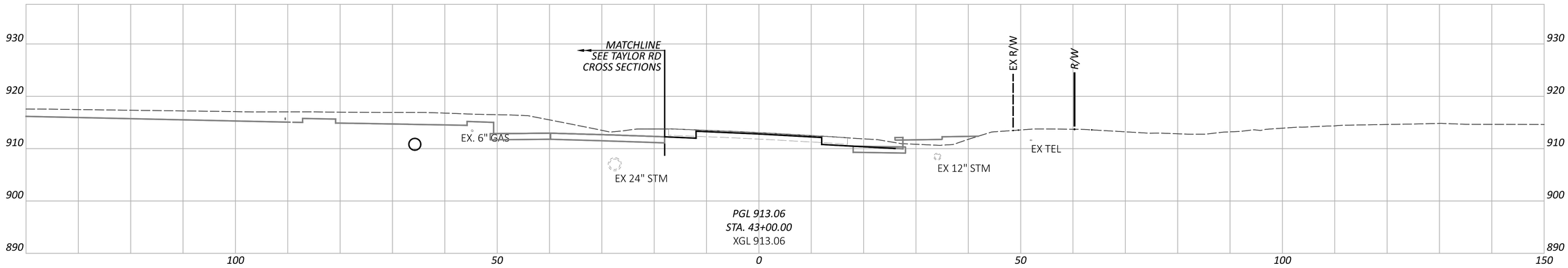
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

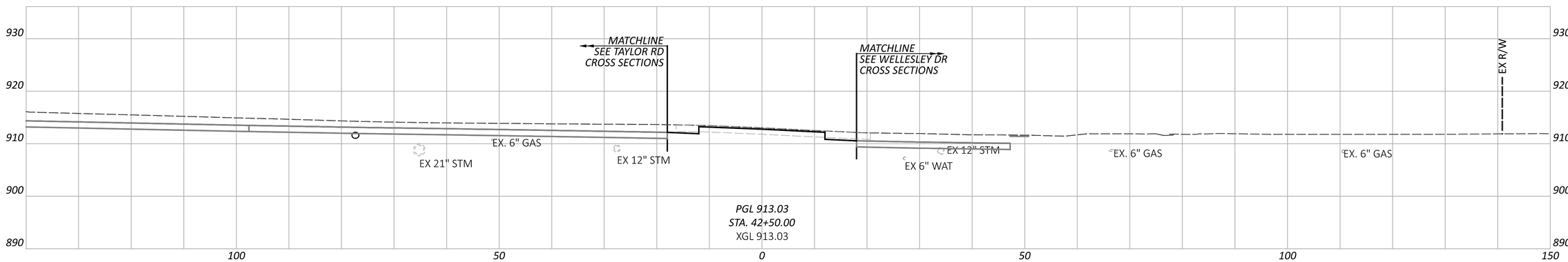
DESIGNER
BER

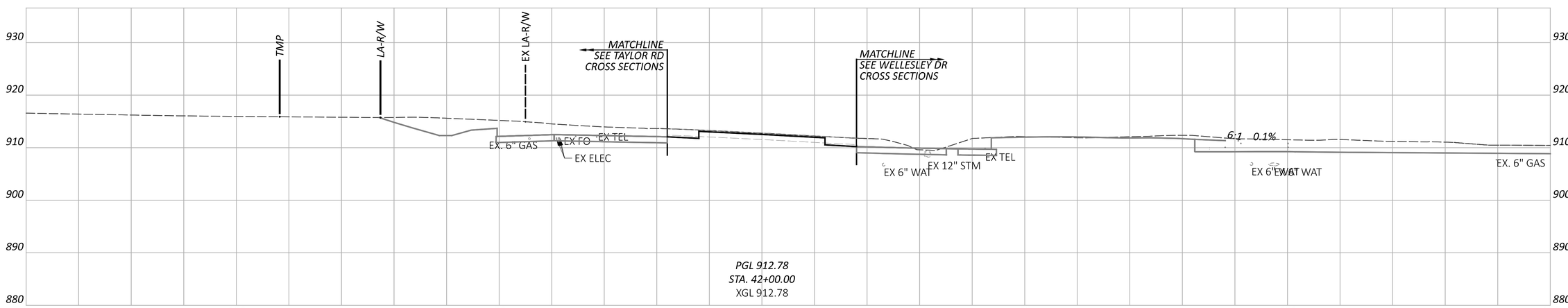
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0967 TOTAL P.2024







FAI/LIC-IR 70-0.00/0.00

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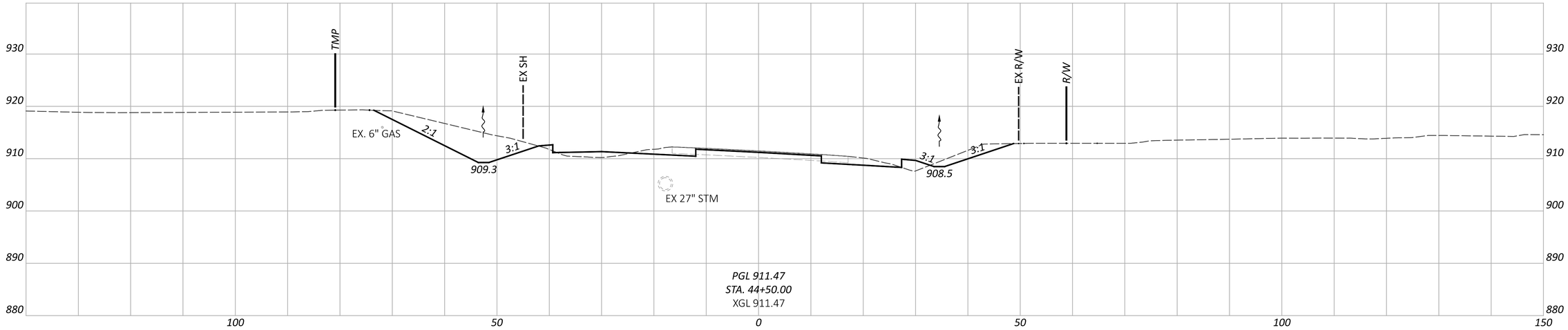
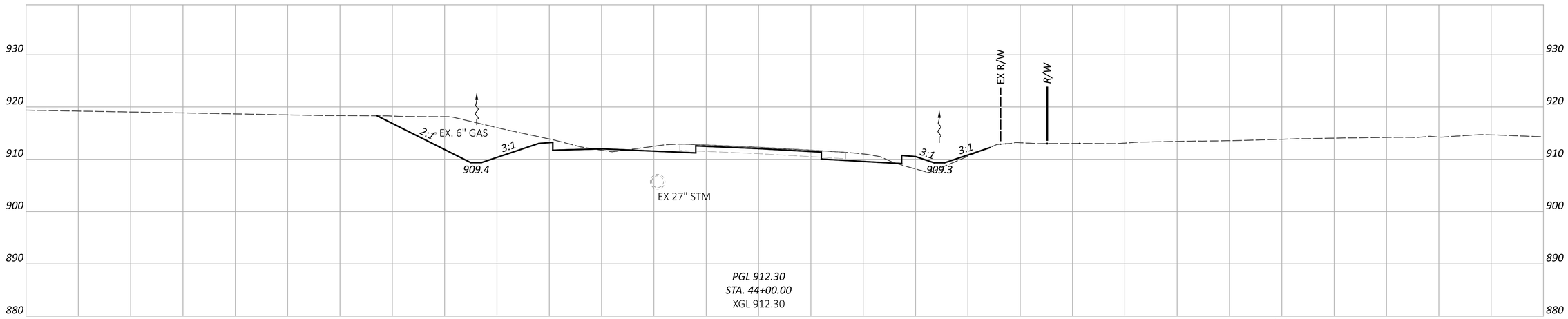
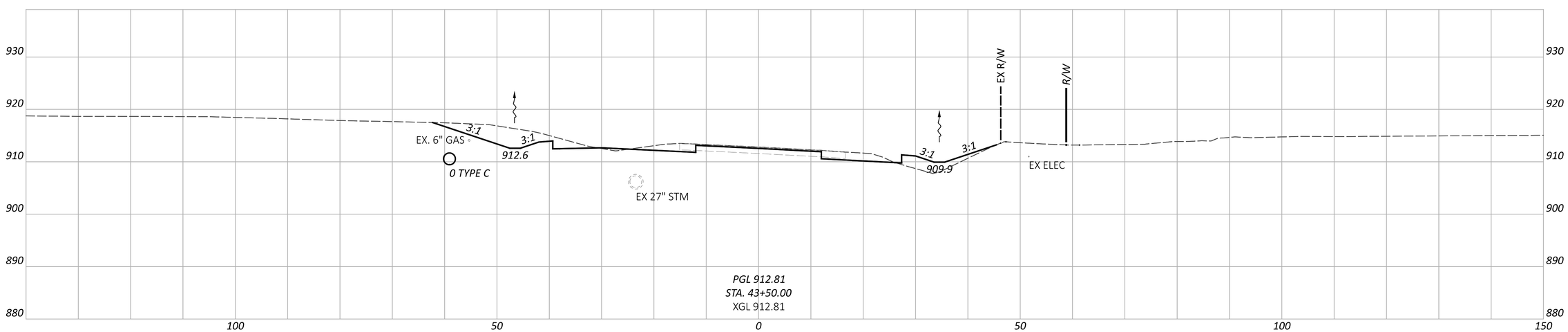
CROSS SECTIONS -SR 204
STA. 42+00.00 TO STA. 43+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0968
TOTAL	P.2024







FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS -SR 204
STA. 43+50.00 TO STA. 44+50.00

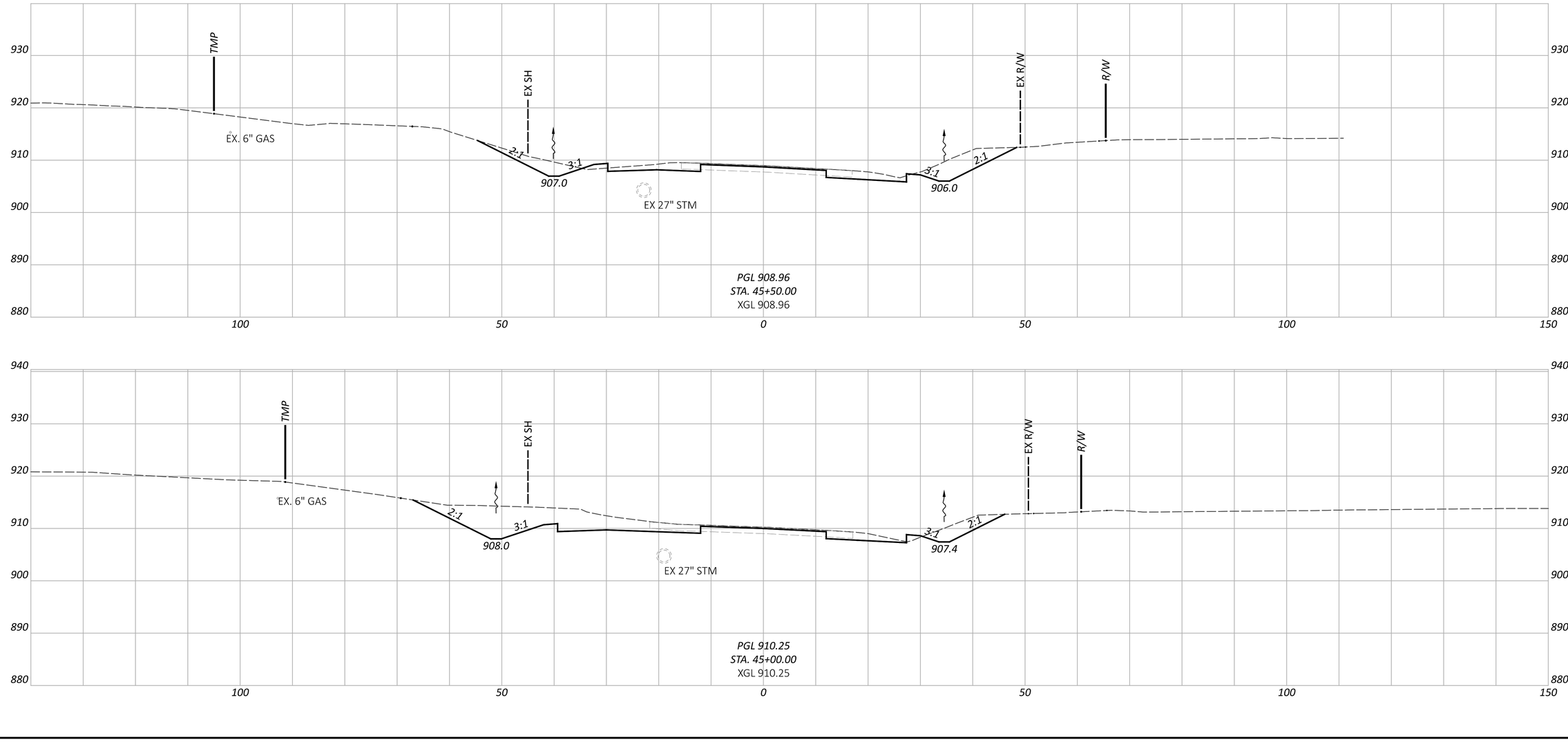
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0969 | TOTAL P.2024



CROSS SECTIONS -SR 204
STA. 45+00.00 TO STA. 45+50.00

FAI/LIC-IR 70-0.00/0.00

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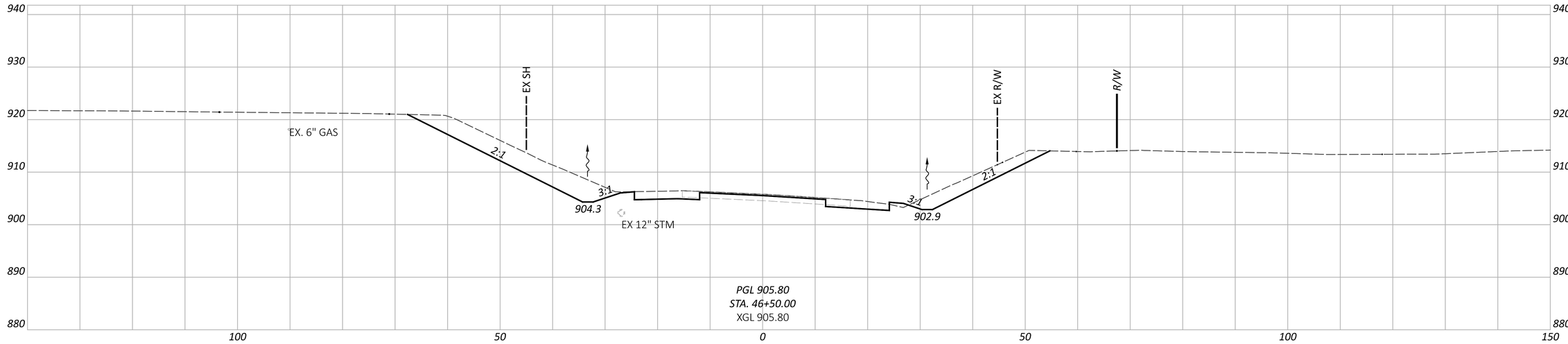
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

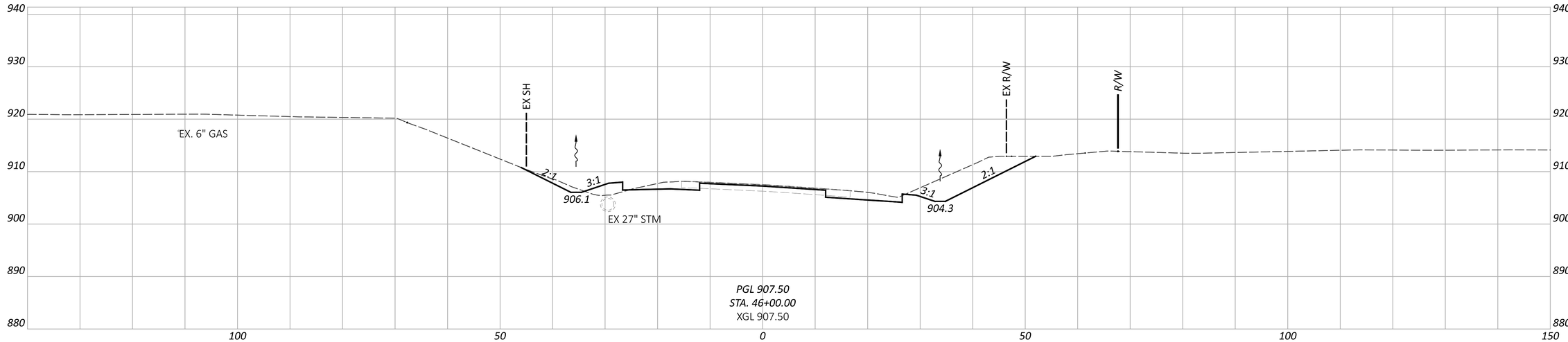
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0970 TOTAL P.2024





CROSS SECTIONS -SR 204
STA. 46+00.00 TO STA. 46+50.00

FAI/LIC-IR 70-0.00/0.00

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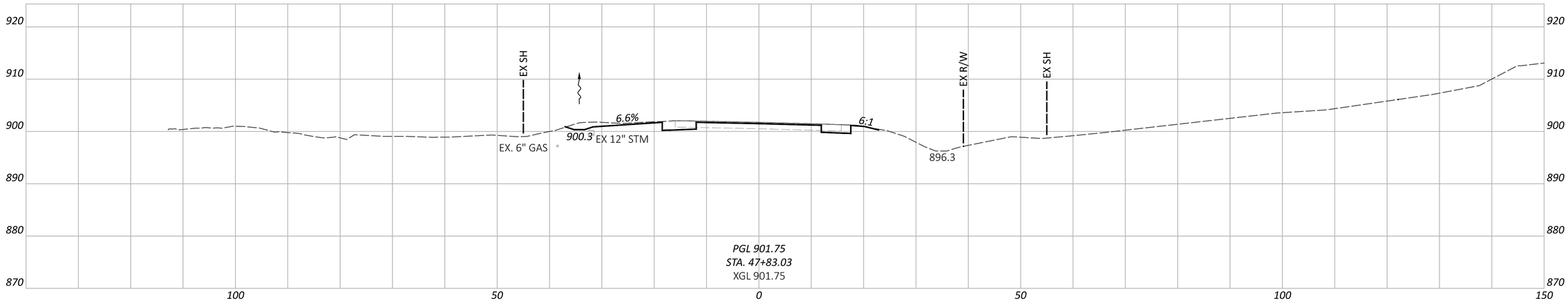
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

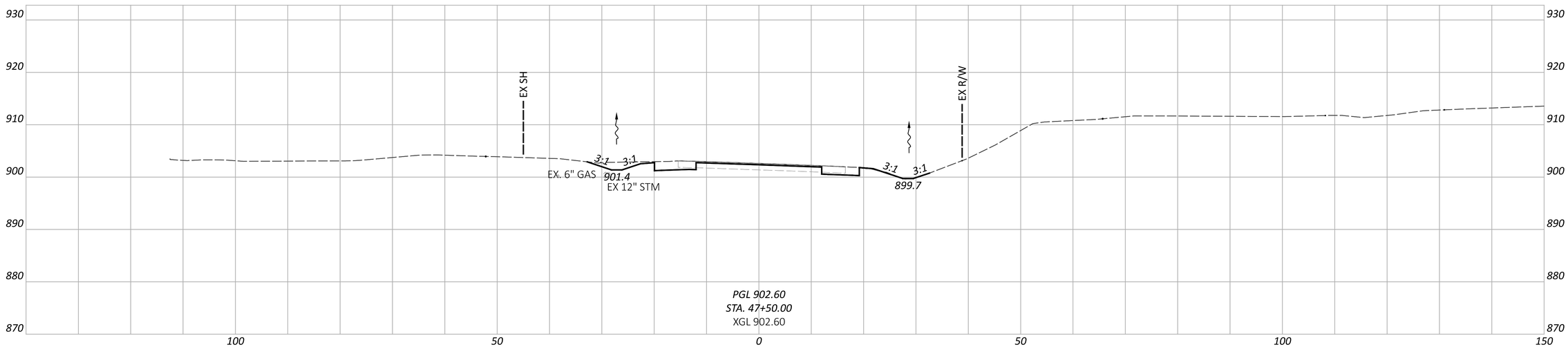
DESIGNER
BER

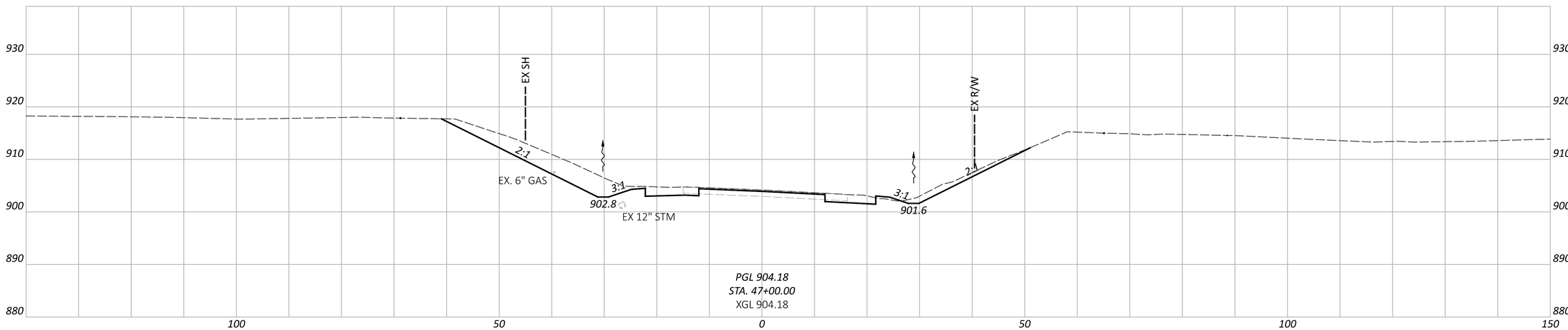
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0971 TOTAL P.2024







CROSS SECTIONS -SR 204
STA. 47+00.00 TO STA. 47+50.00

DESIGN AGENCY
MIDWEST STRUCTUREPOINT INC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0972 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - 47+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:03:57 AM USER: brieder
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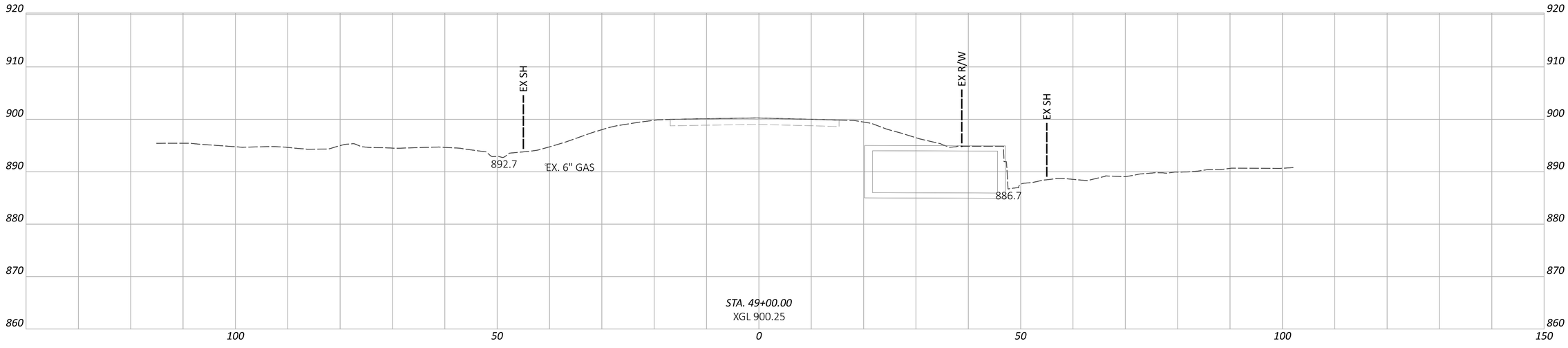

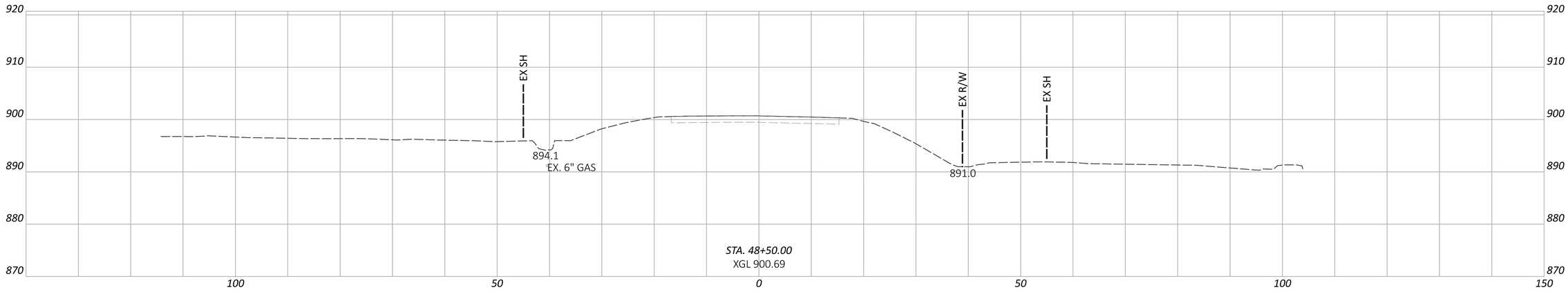

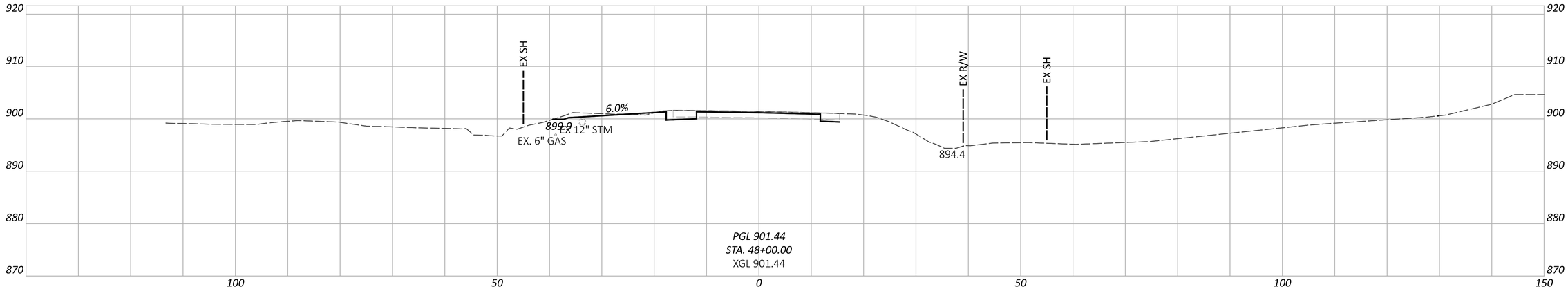

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_S204 - 48+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:01 AM USER: brieder
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CROSS SECTIONS -SR 204
STA. 48+00.00 TO STA. 49+00.00

DESIGN AGENCY
WEPPLER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0973 TOTAL P.2024

CROSS SECTIONS - WELLESLEY DR
STA. 12+00.00 TO STA. 13+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 12+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:14 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS440.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.
MEMPHIS

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0974 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 13+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:19 AM USER: brieder
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CROSS SECTIONS - WELLESLEY DR
STA. 13+50.00 TO STA. 14+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0975
TOTAL	P.2024

CROSS SECTIONS - WELLESLEY DR
STA. 15+00.00 TO STA. 15+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - 15+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:23 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0976 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - TAYLOR RD SW
STA. 10+00.00 TO STA. 11+00.00

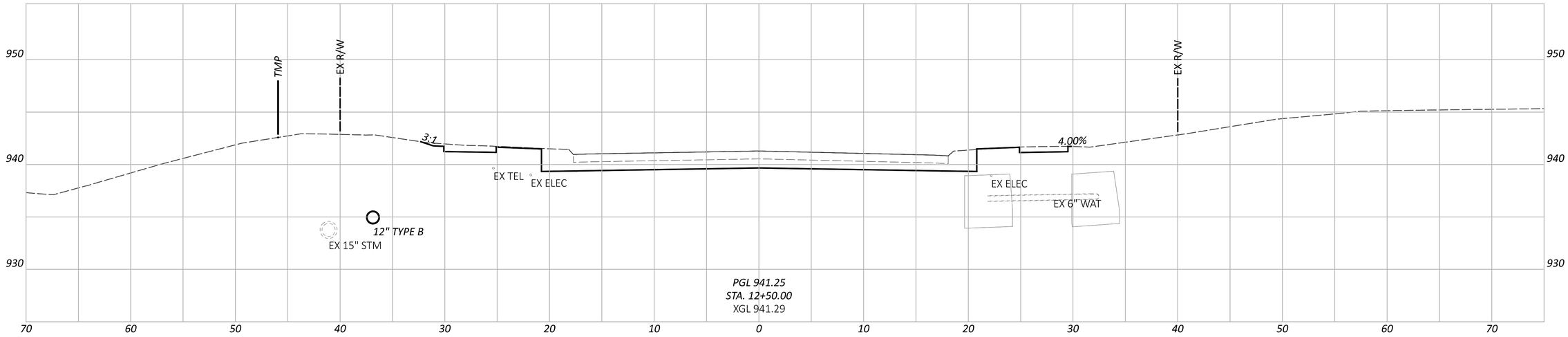
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

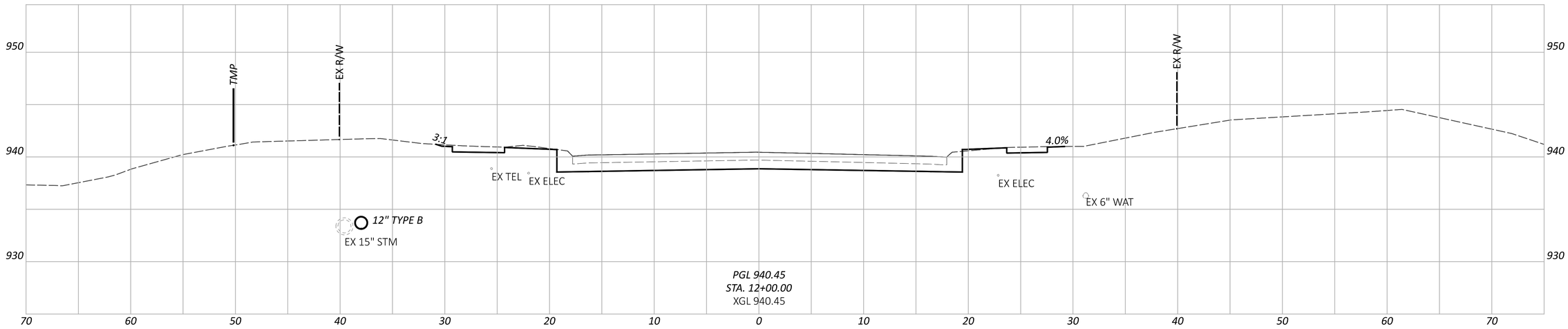
DESIGNER
BER

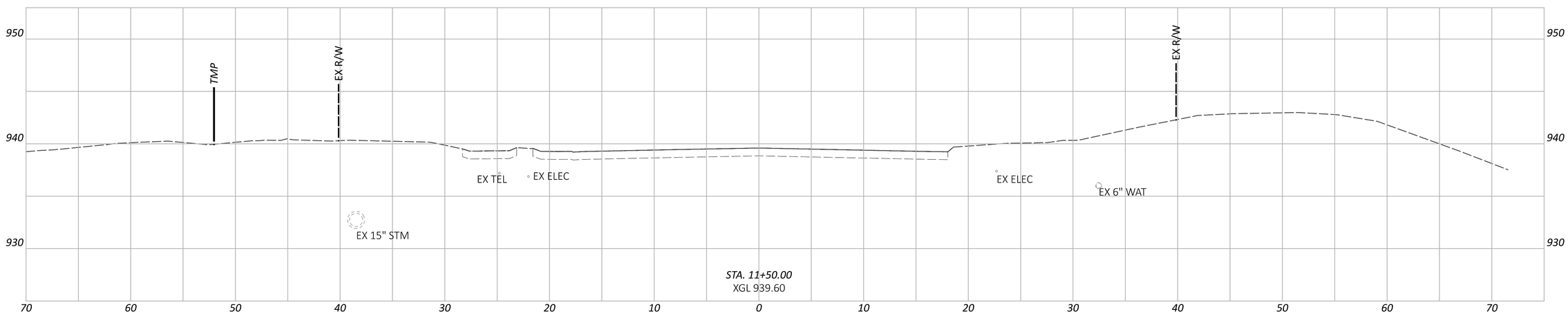
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0977 TOTAL P.2024







CROSS SECTIONS - TAYLOR RD SW
STA. 11+50.00 TO STA. 12+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0978 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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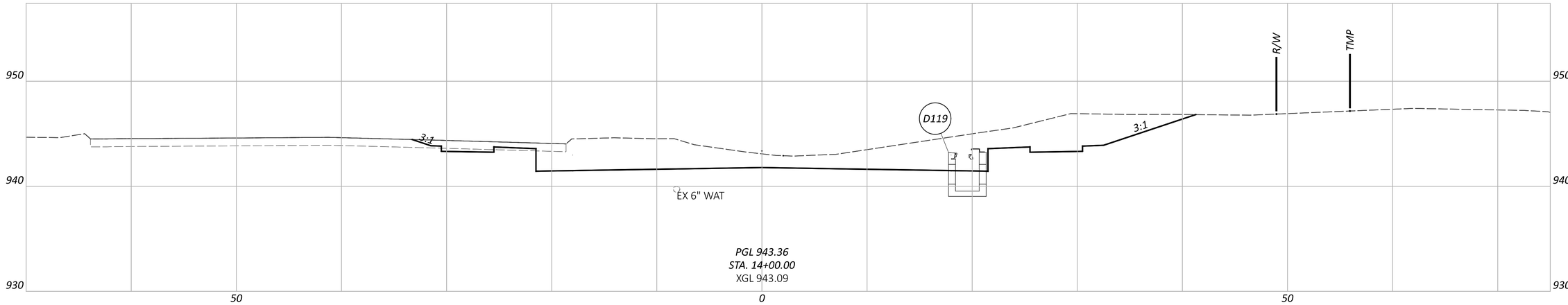

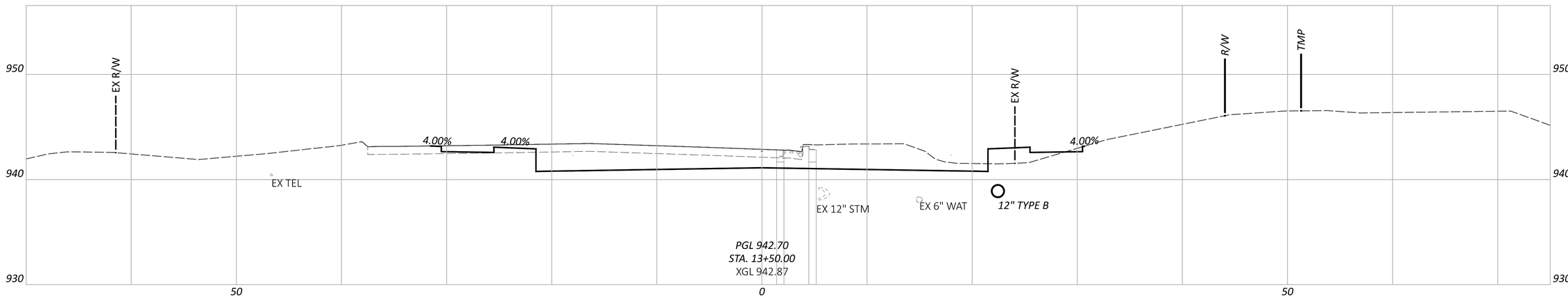

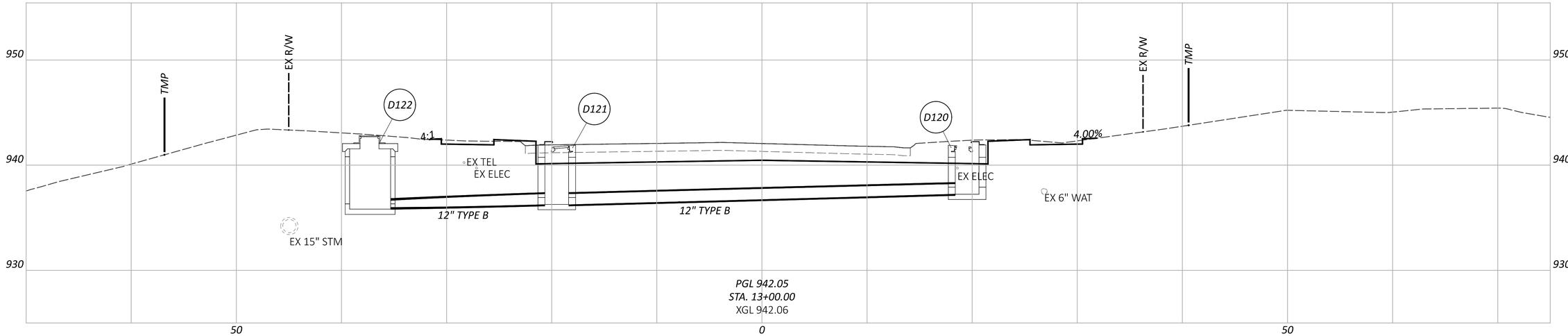

CROSS SECTIONS - TAYLOR RD SW
STA. 13+00.00 TO STA. 14+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLORSW - 13+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:50 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0979 TOTAL P.2024

MODEL: CLP_TAYLORSW - 14+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:04:53 AM USER: brieder
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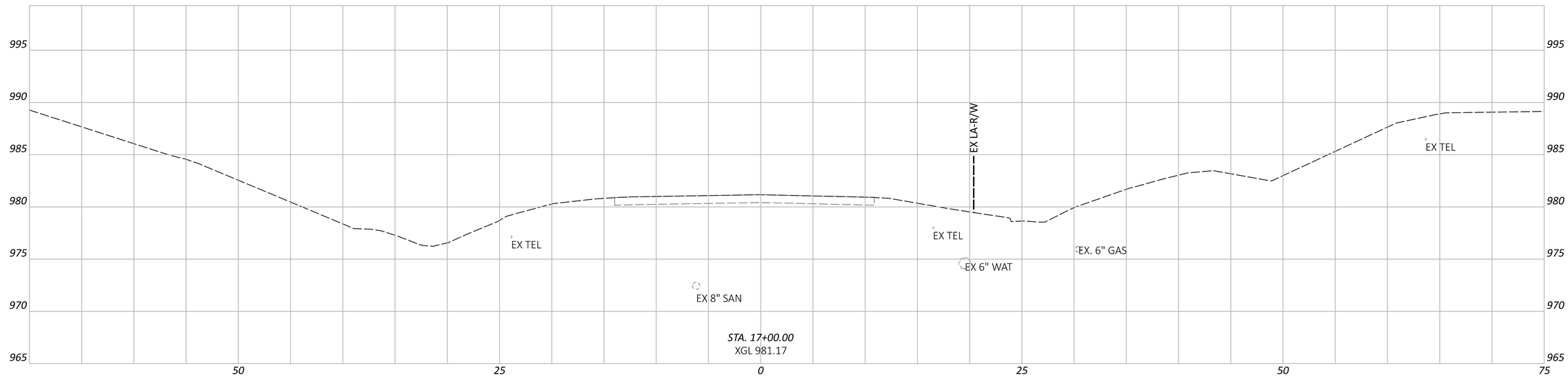
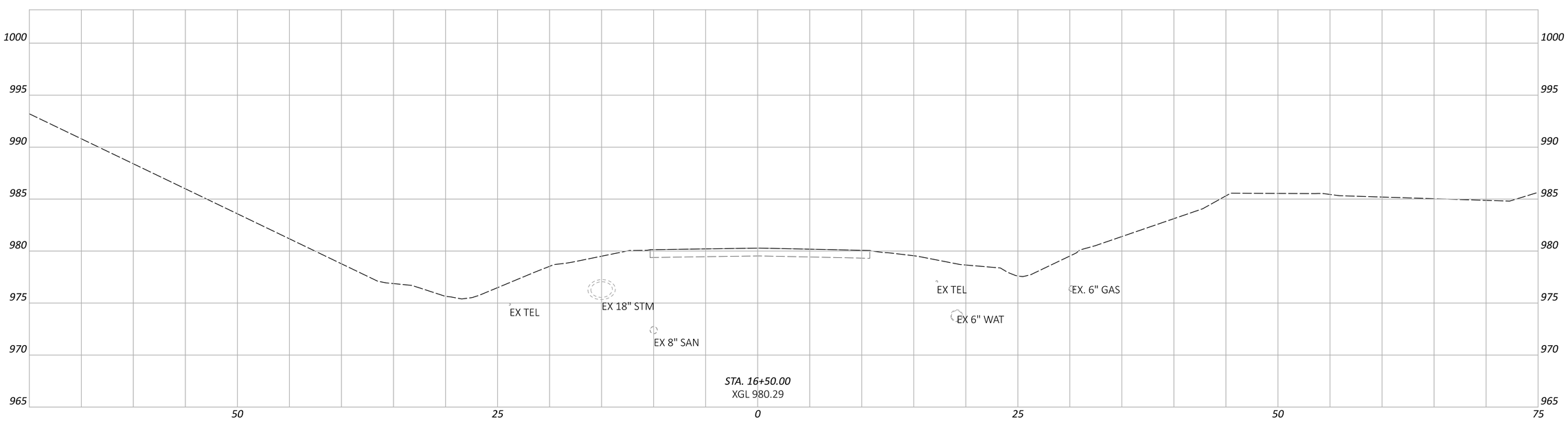
SHEET	TOTAL
P 0980	P 2024

PROJECT ID	REVIEWER
96808	KAM 08/07/26

DESIGNER	DESIGN AGENCY
BER	AMERICAN STRUCTUREPOINT INC.

CROSS SECTIONS - TAYLOR RD SW
STA. 14+50.00 TO STA. 15+00.00





CROSS SECTIONS - PALMER RD
STA. 16+50.00 TO STA. 17+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 16+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:09 AM USER: brieder
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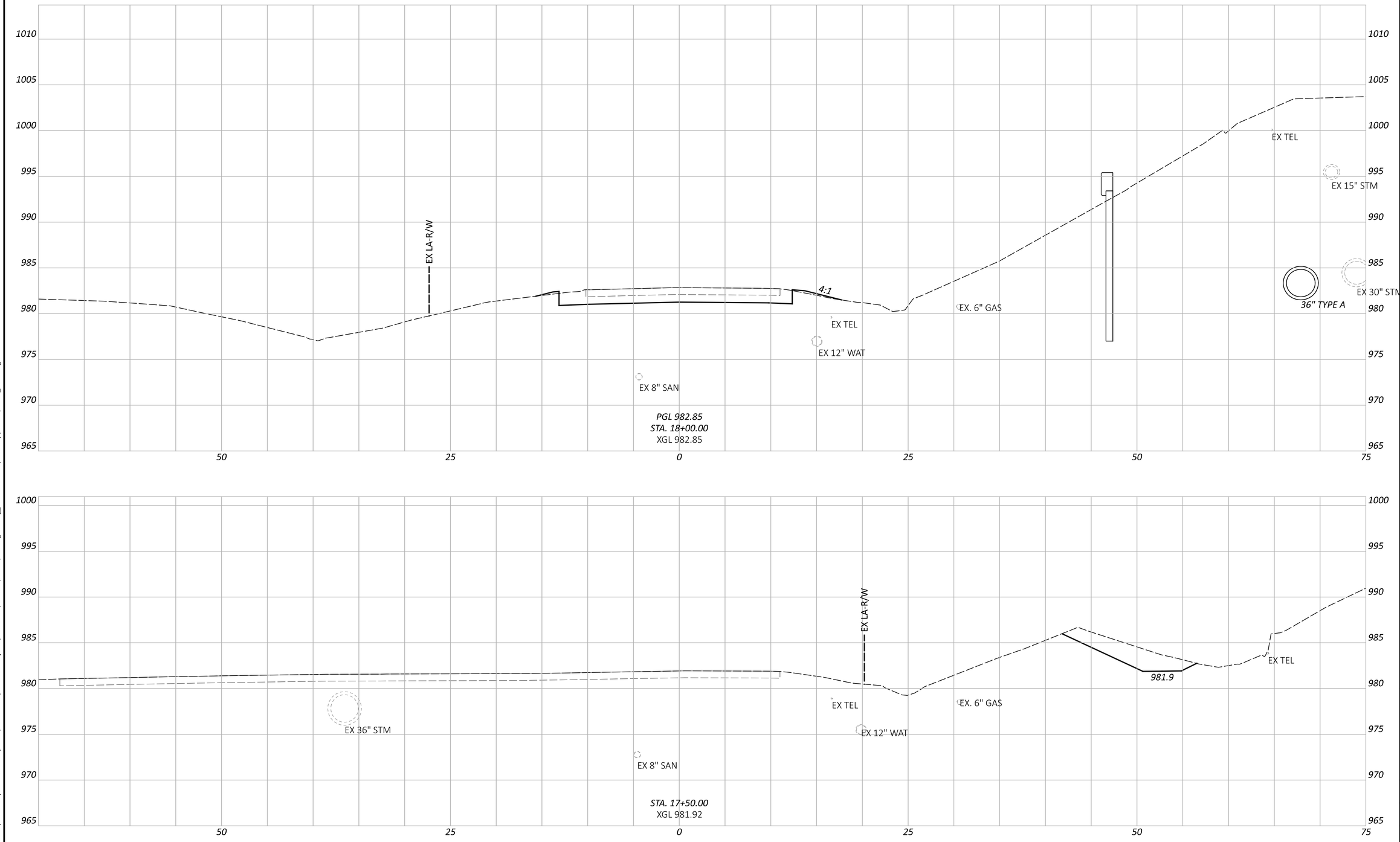
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0981 TOTAL P.2024



CROSS SECTIONS - PALMER RD
STA. 17+50.00 TO STA. 18+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM

PROJECT ID
96808

SHEET P.0982 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 17+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:14 AM USER: brieder
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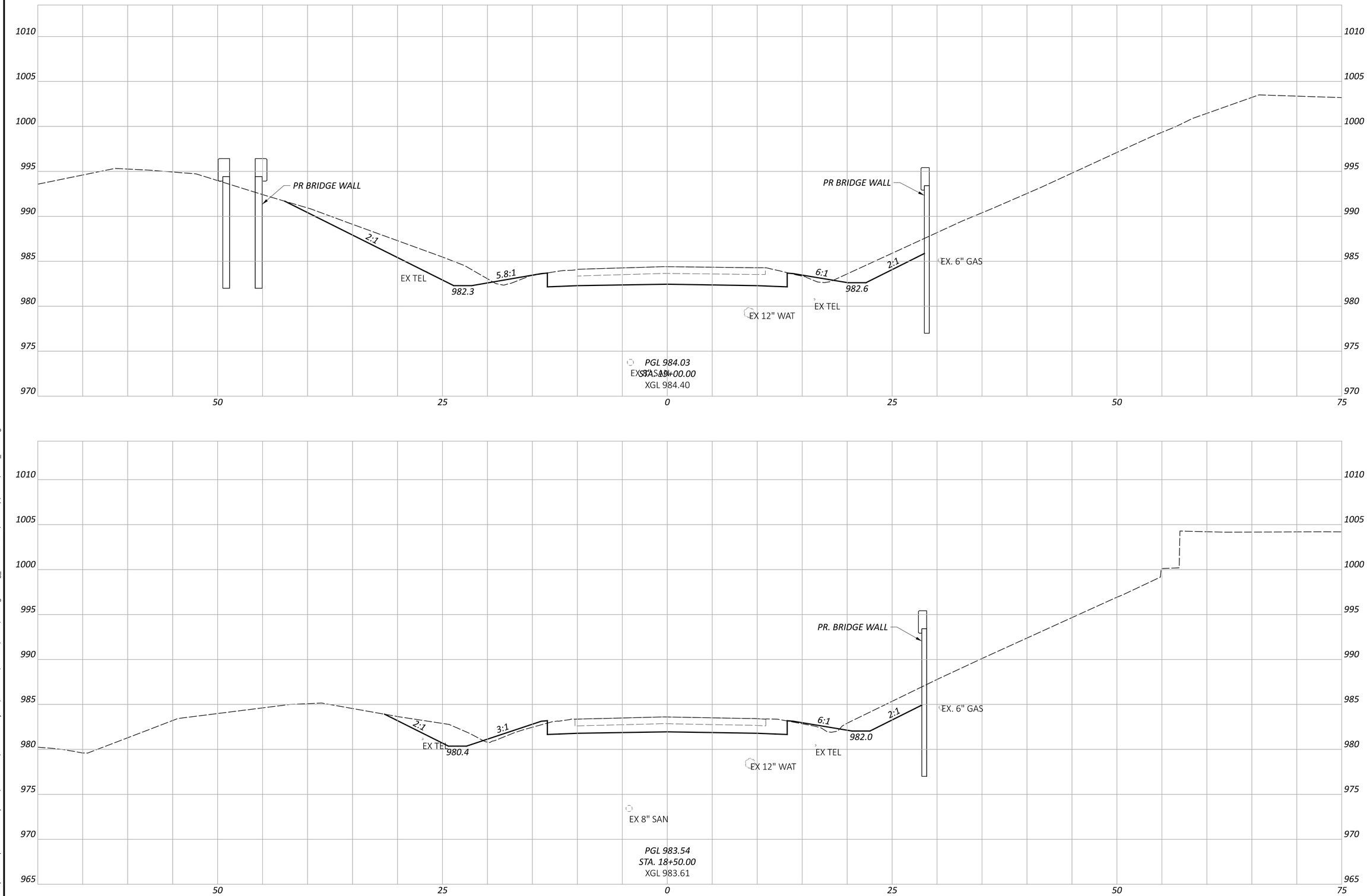
AASHTOWare-SRDATEDD-YY



FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - PALMER RD
STA. 18+50.00 TO STA. 19+00.00

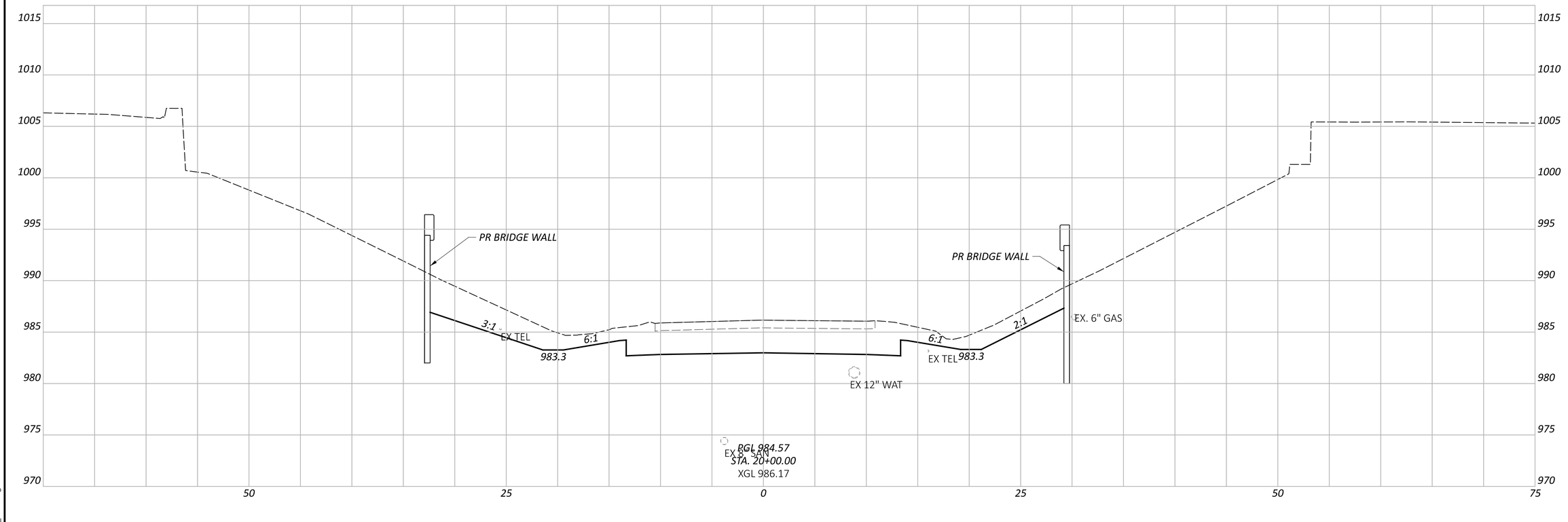
DESIGN AGENCY
STRUCTUREPOINT INC.

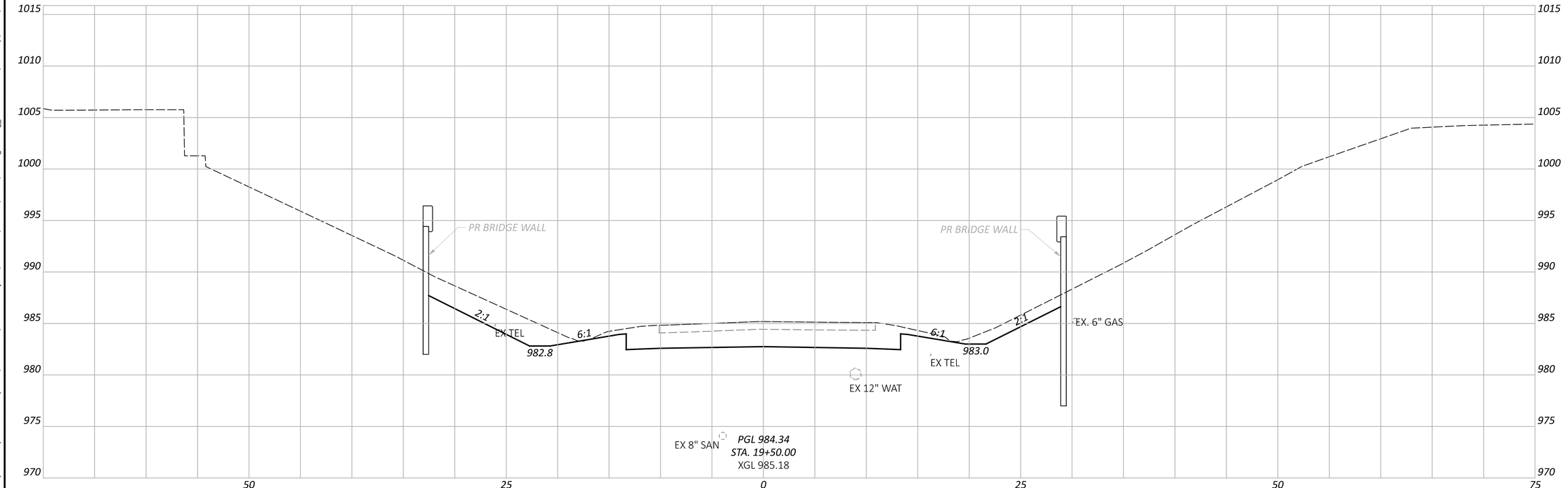
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0983 | TOTAL P.2024





FAI/LIC-IR 70-0.00/0.00

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CROSS SECTIONS - PALMER RD
STA. 19+50.00 TO STA. 20+00.00

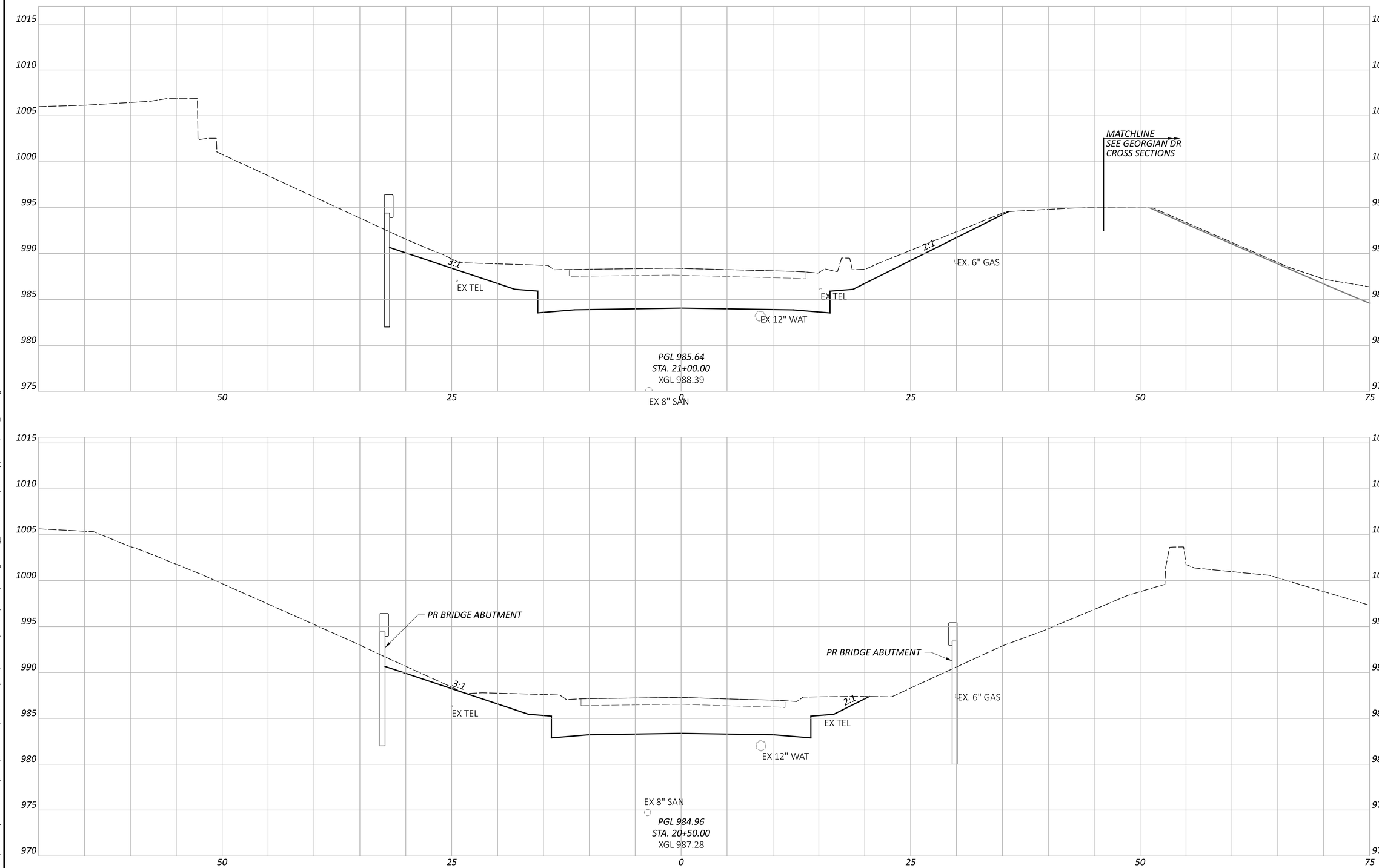
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0984 TOTAL P.2024



CROSS SECTIONS - PALMER RD
STA. 20+00.00 TO STA. 21+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 20+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:29 AM USER: brieder
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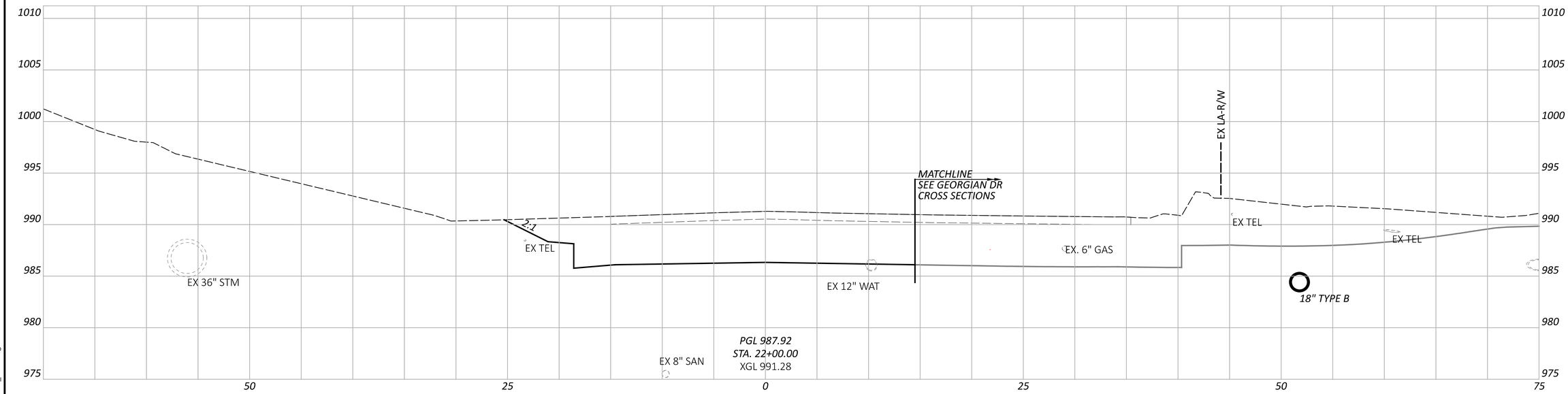
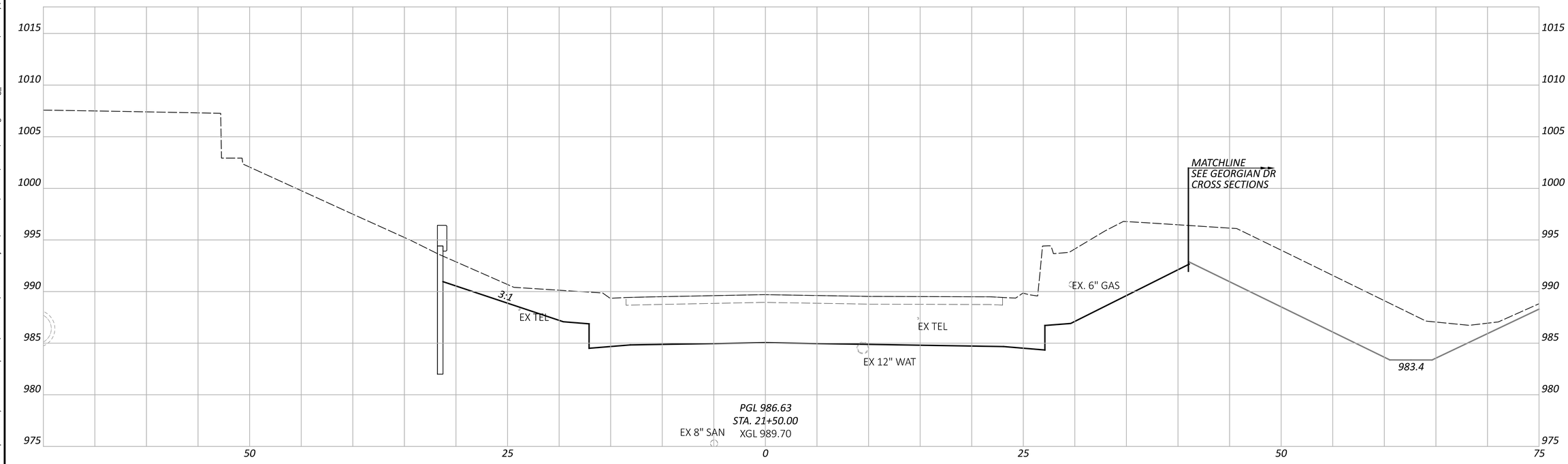
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0985
TOTAL	P.2024





CROSS SECTIONS - PALMER RD
STA. 21+50.00 TO STA. 22+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 21+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:33 AM USER: brieder
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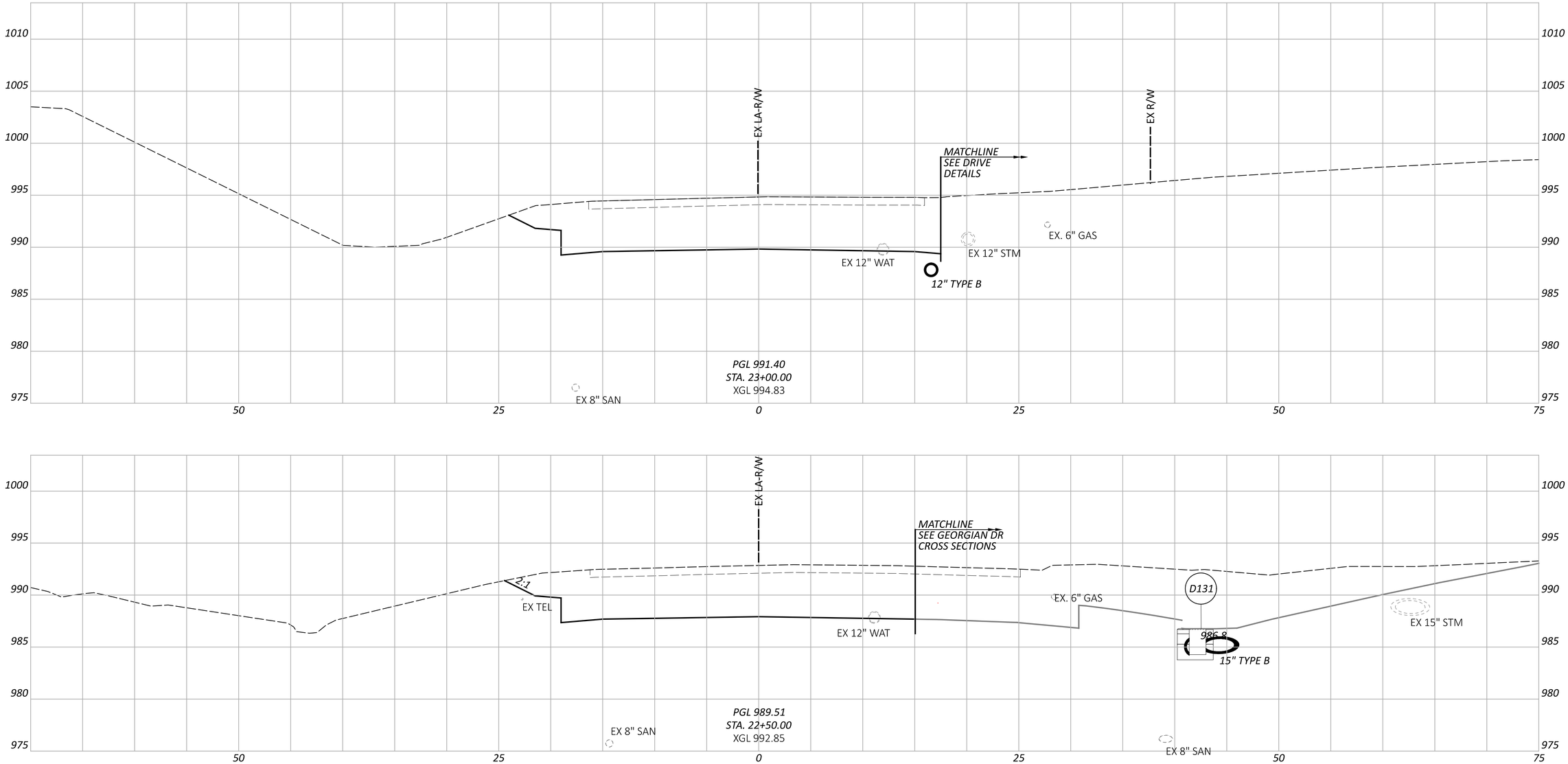
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0986 TOTAL P.2024



CROSS SECTIONS - PALMER RD
STA. 22+50.00 TO STA. 23+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_PALMER - 22+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:38 AM USER: brieder
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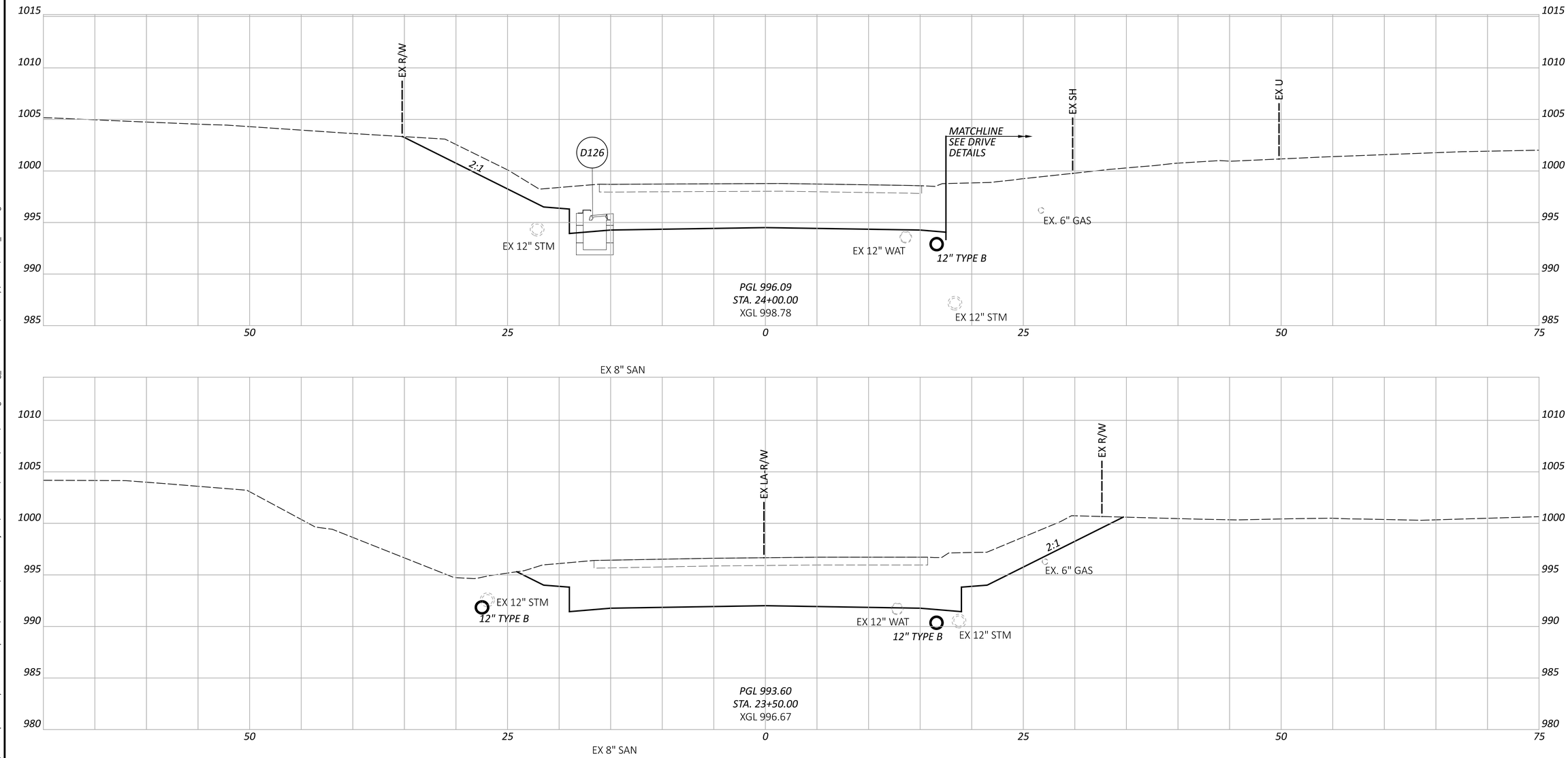
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
KAM

REVIEWER
BER 08/07/26

PROJECT ID
96808

SHEET P.0987 TOTAL P.2024



CROSS SECTIONS - PALMER RD
STA. 23+50.00 TO STA. 24+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0988 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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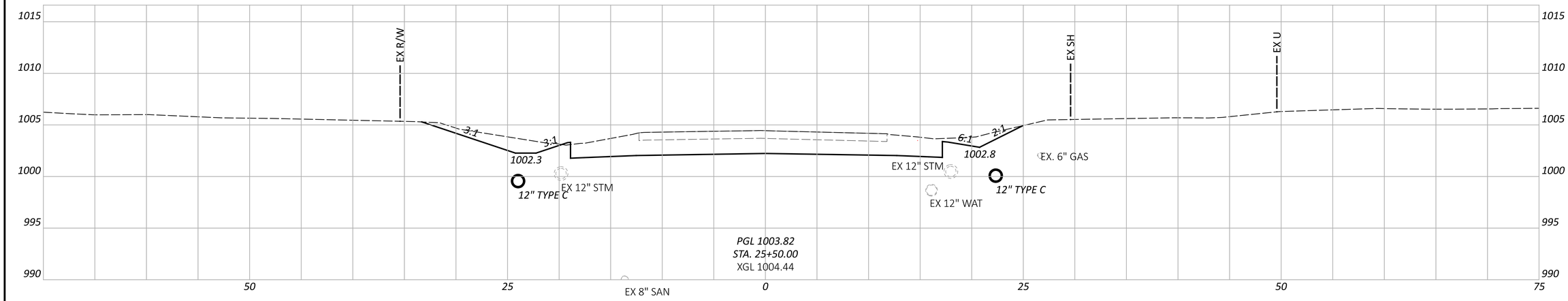

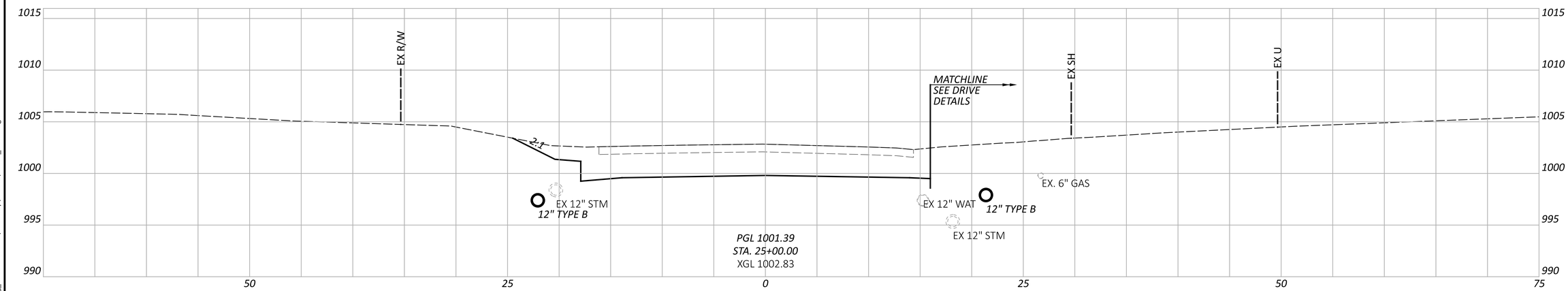

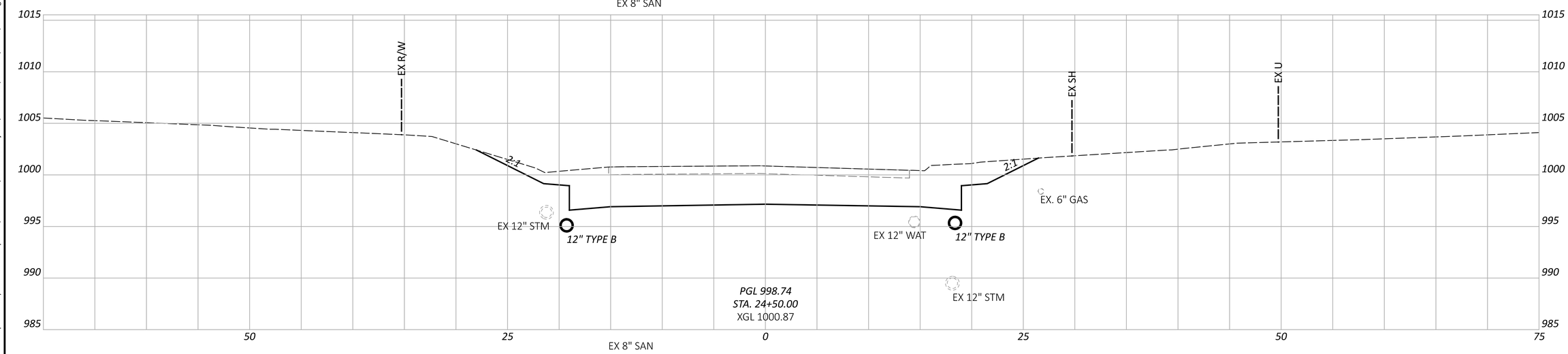

CROSS SECTIONS - PALMER RD
STA. 24+50.00 TO STA. 25+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0989 TOTAL P.2024

CROSS SECTIONS - PALMER RD
STA. 26+00.00 TO STA. 27+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0990 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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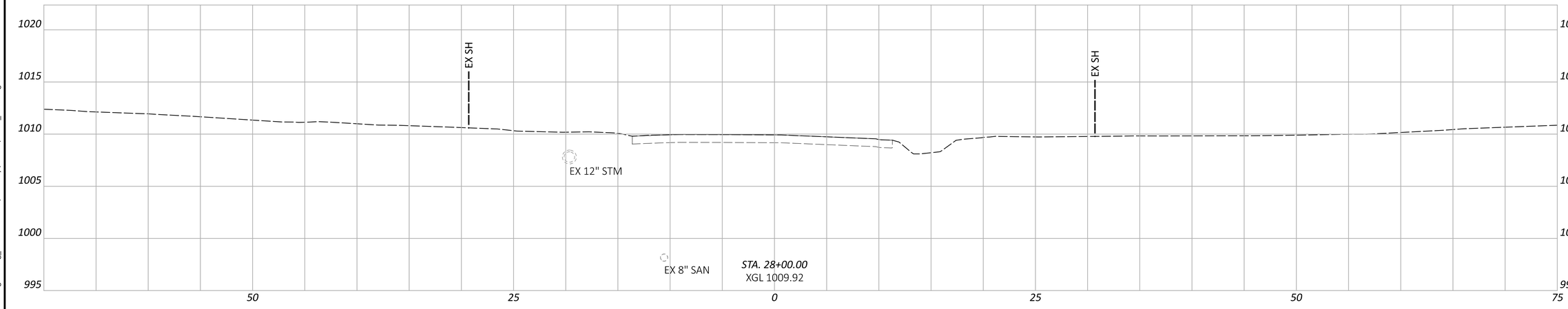

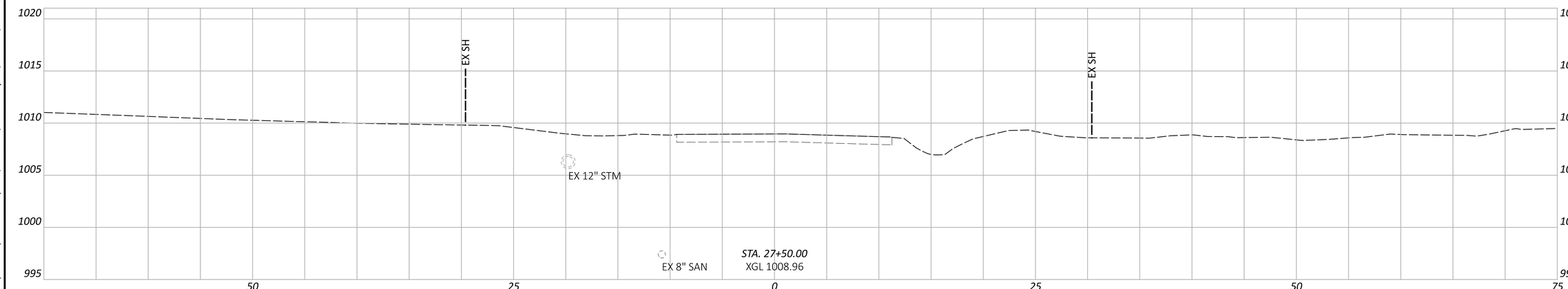

CROSS SECTIONS - PALMER RD
STA. 27+50.00 TO STA. 28+00.00

FAI/LIC-IR 70-0.00/0.00

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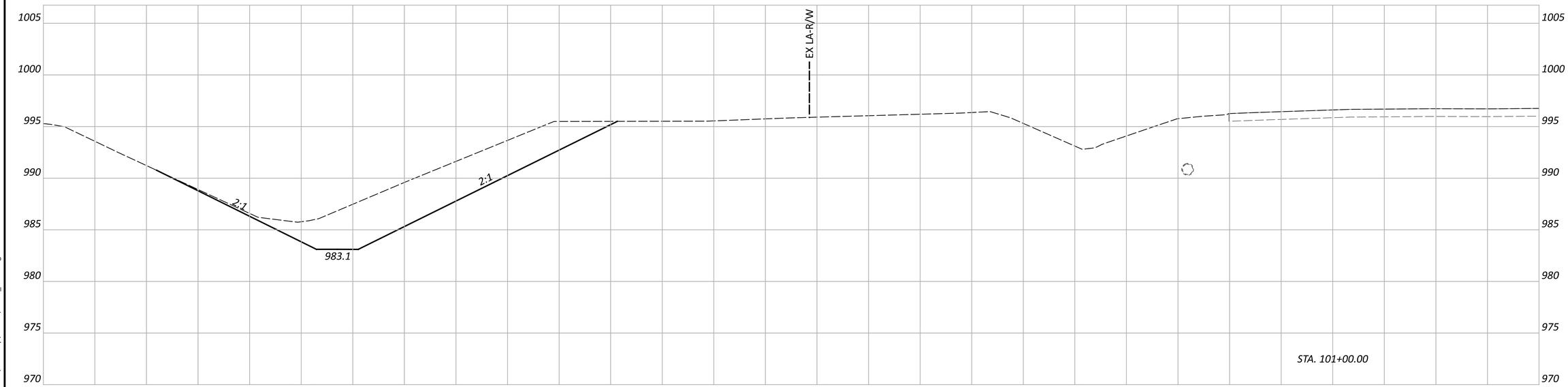
DESIGN AGENCY
STRUCTUREPOINT LLC

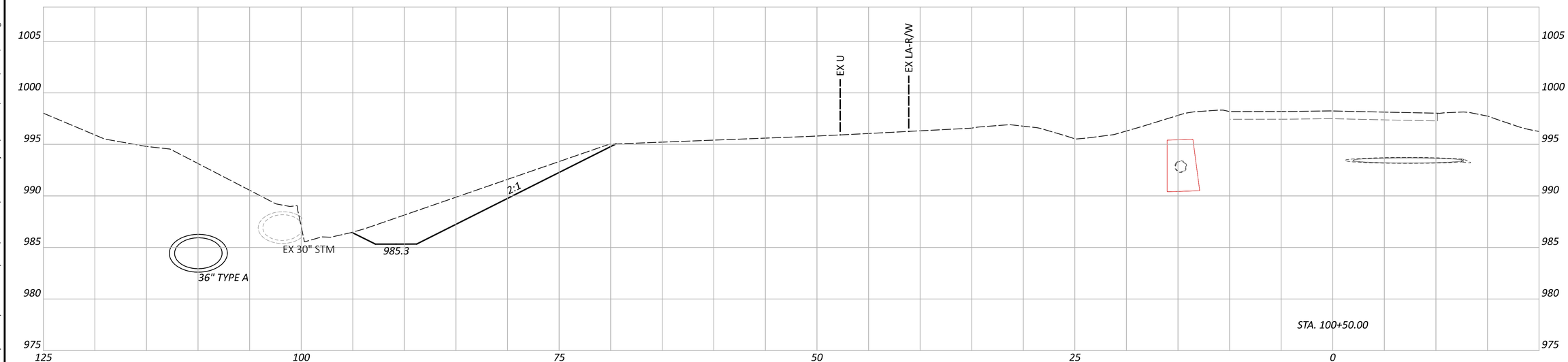
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0991 TOTAL P.2024





CROSS SECTIONS - GEORGIAN DR
STA. 100+50.00 TO STA. 101+00.00

FAI/LIC-IR 70-0.00/0.00

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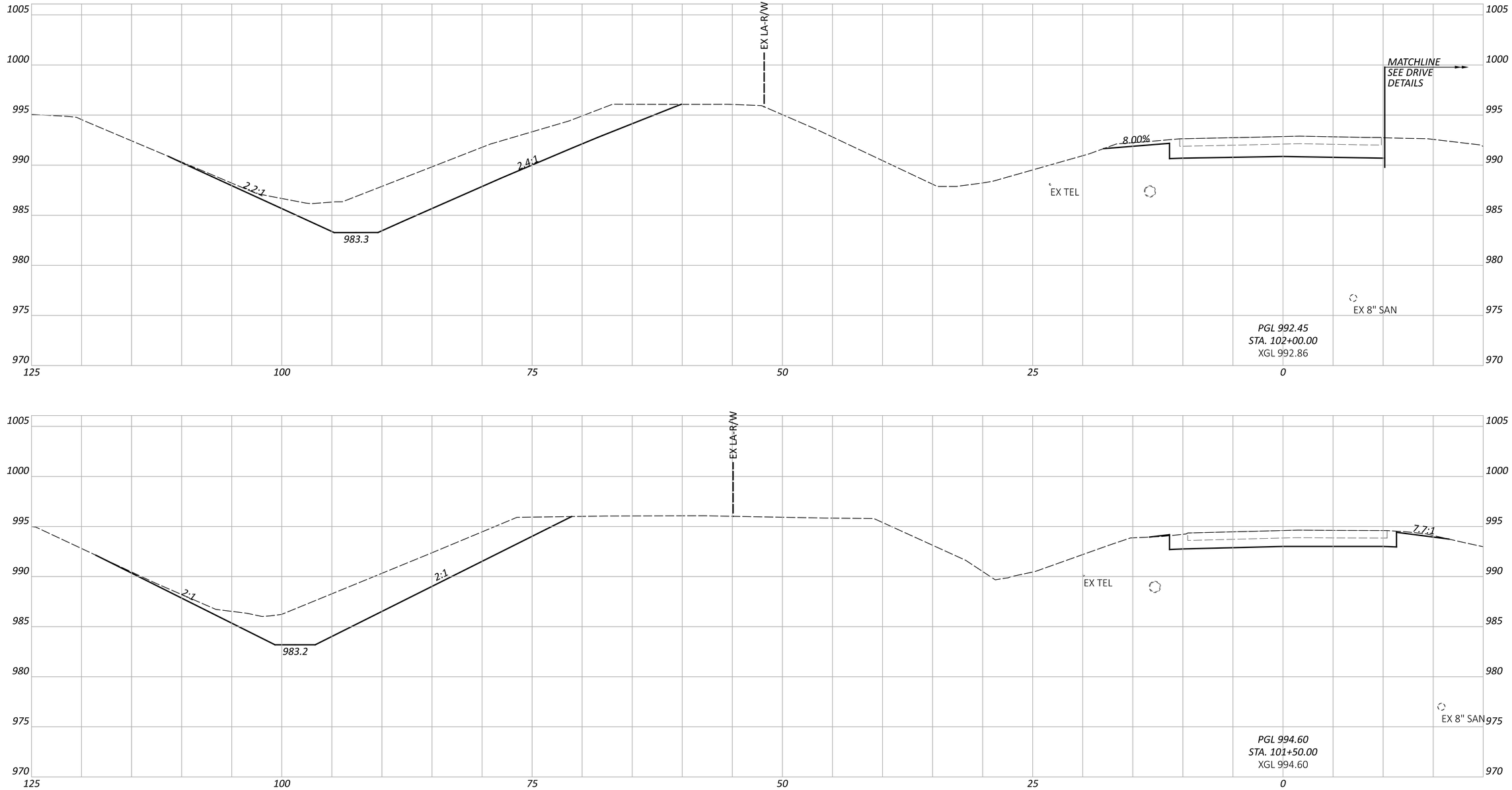
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0992 TOTAL P.2024



CROSS SECTIONS - GEORGIAN DR
STA. 101+50.00 TO STA. 102+00.00

FAI/LIC-IR 70-0.00/0.00

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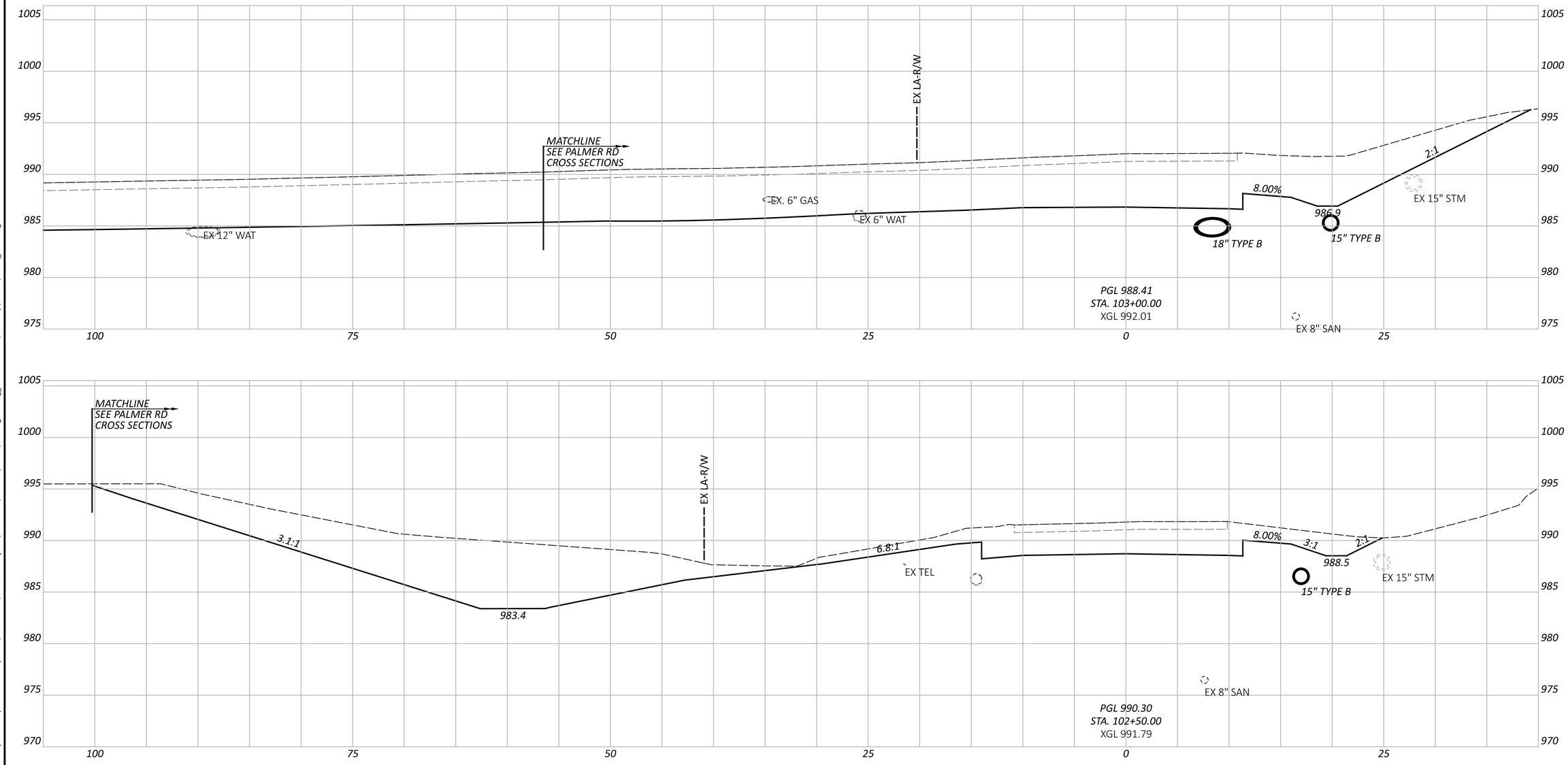
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0993 TOTAL P.2024



CROSS SECTIONS - GEORGIAN DR
STA. 102+50.00 TO STA. 103+00.00

FAI/LIC-IR 70-0.00/0.00

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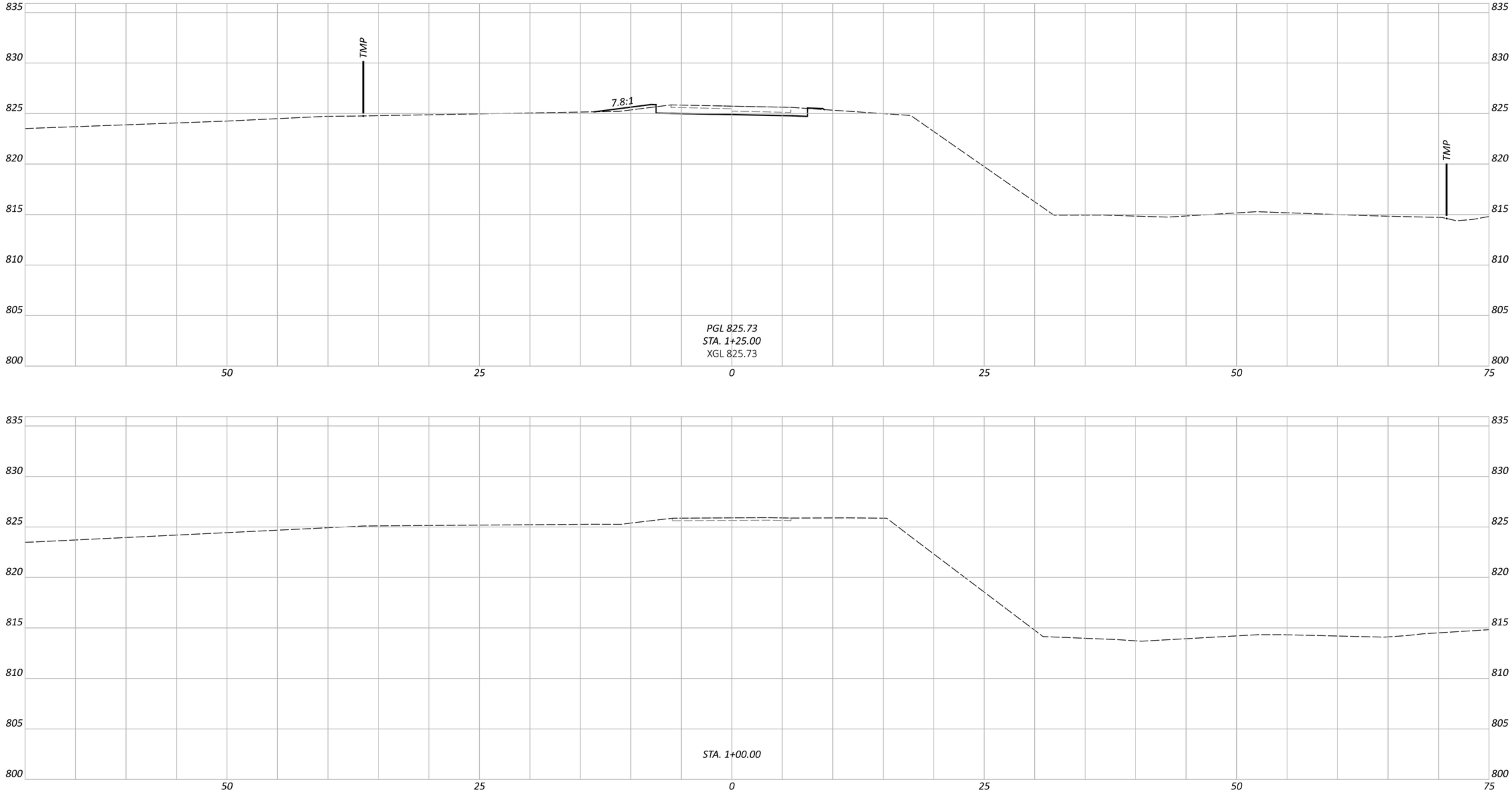
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0994 TOTAL P.2024



FAI/LIC-IR 70-0.00/0.00

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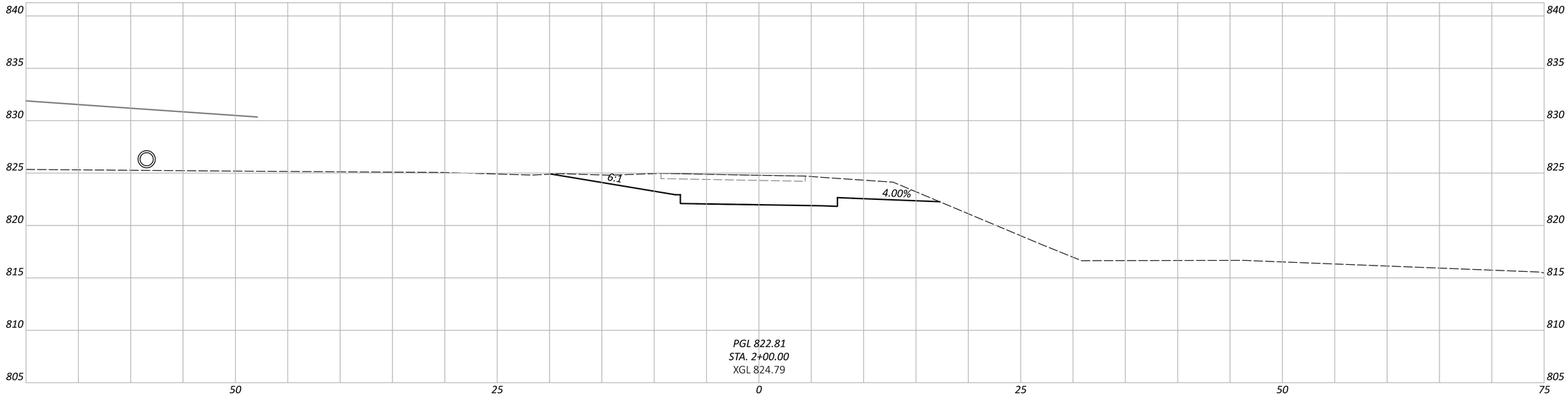
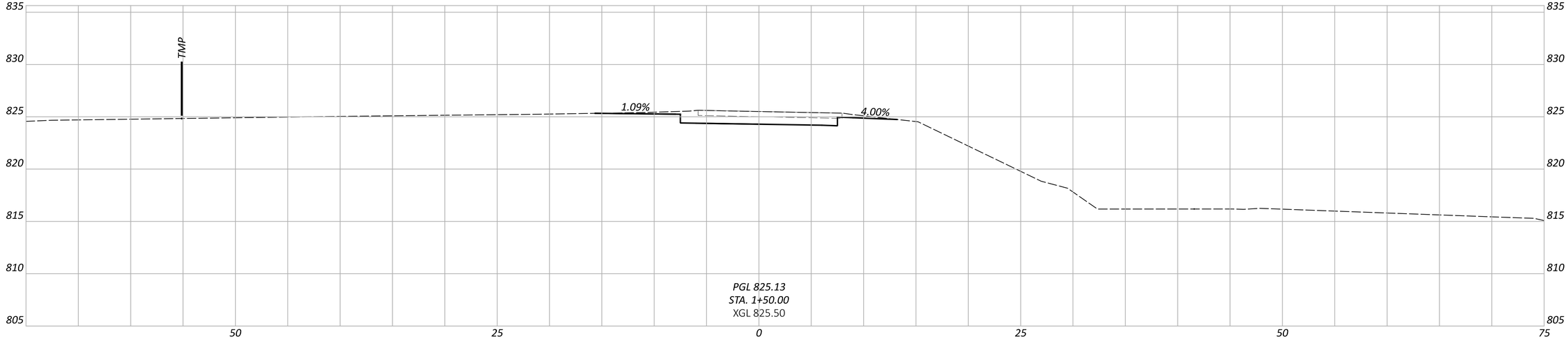
CROSS SECTIONS - BLACKLICK TRAIL
STA. 1+00.00 TO STA. 1+25.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	AJO
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0995
TOTAL	P.2024





FAI/LIC-IR 70-0.00/0.00

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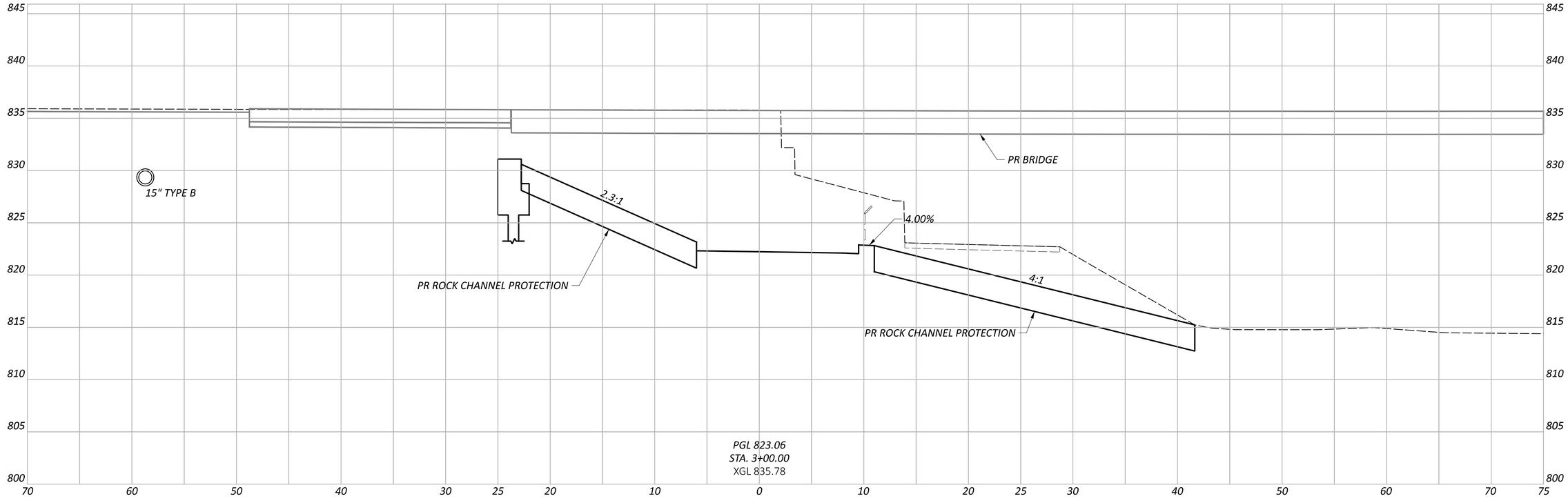
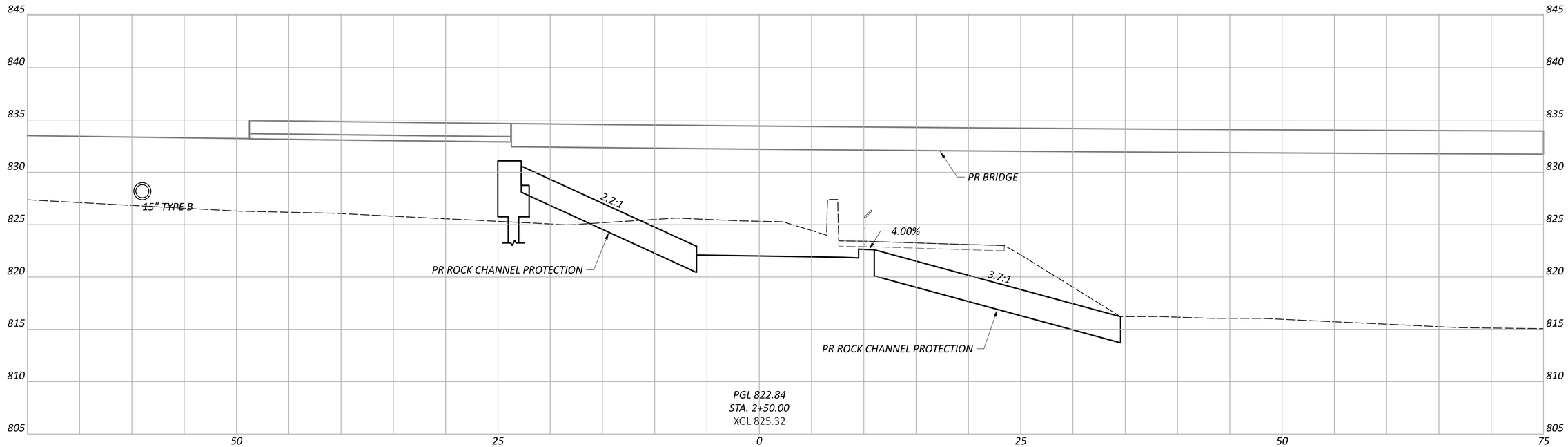
CROSS SECTIONS - BLACKLICK TRAIL
STA. 1+50.00 TO STA. 2+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	AJO
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.0996
TOTAL	P.2024





CROSS SECTIONS - BLACKLICK TRAIL
STA. 2+50.00 TO STA. 3+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 2+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:06:57 AM USER: brieder
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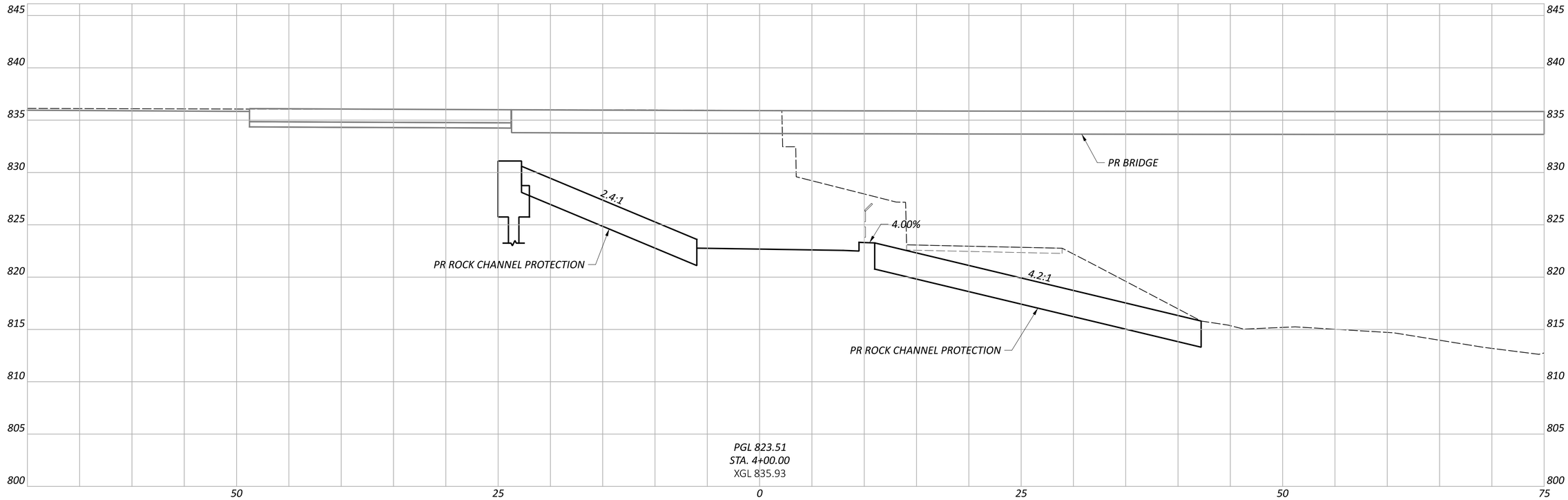
DESIGN AGENCY
STRUCTUREPOINT INC.

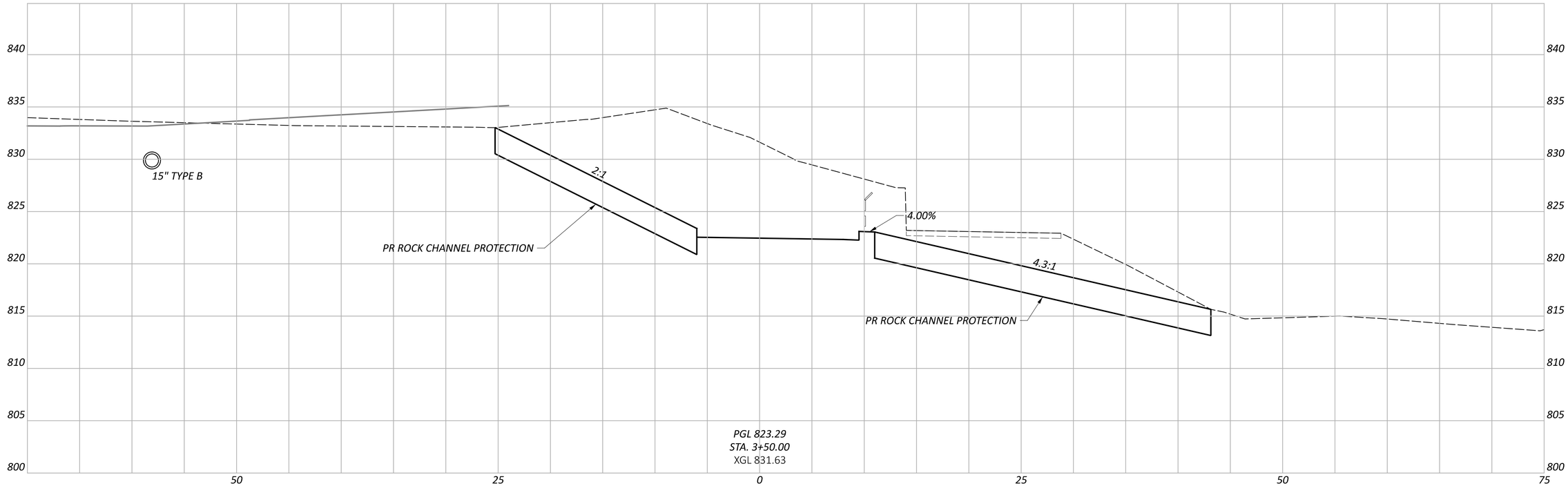
DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0997 TOTAL P.2024





CROSS SECTIONS - BLACKLICK TRAIL
STA. 3+50.00 TO STA. 4+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 3+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:07:02 AM USER: brieder
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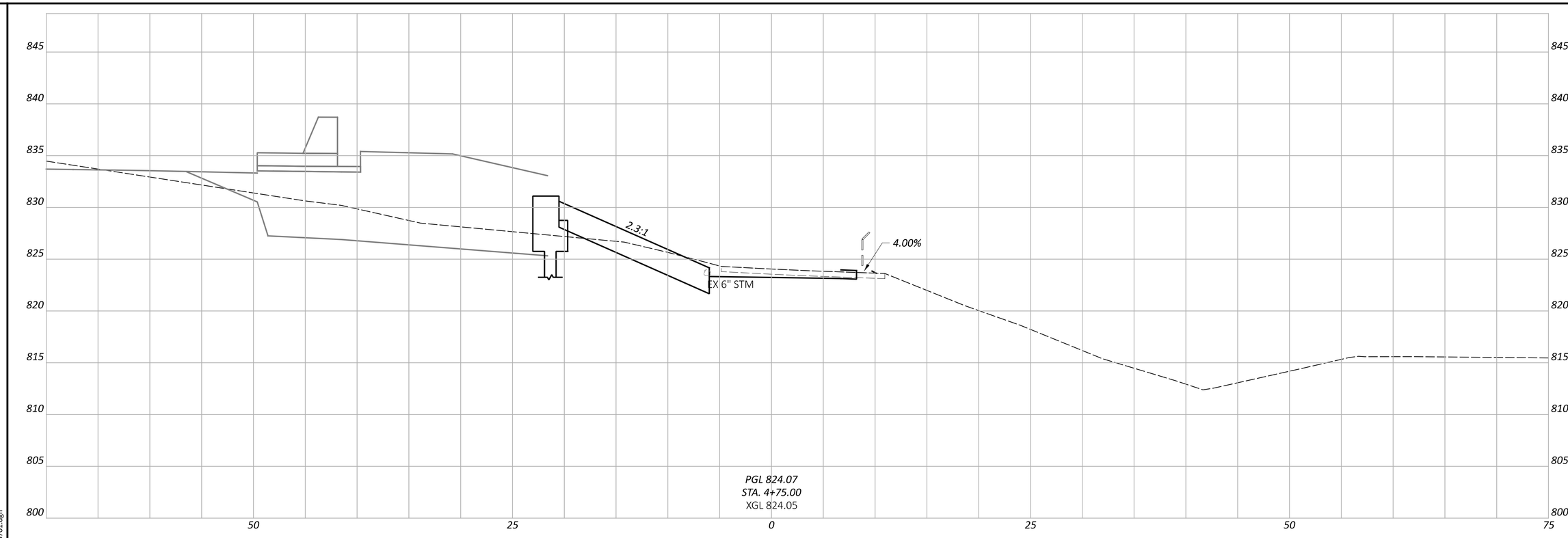
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

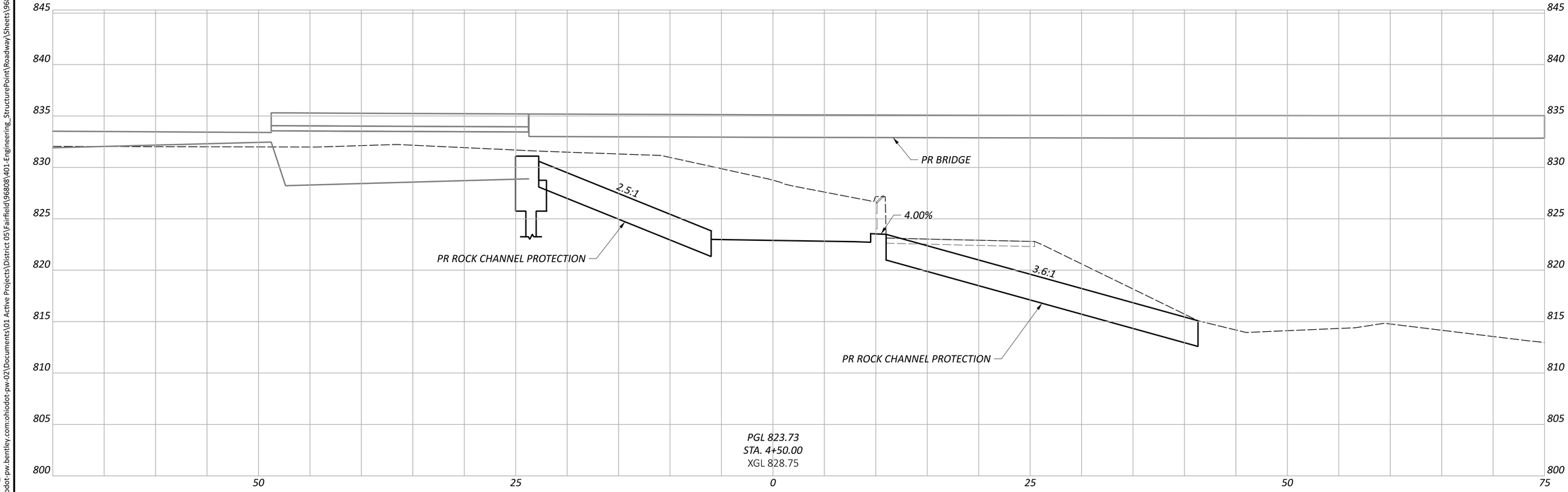
DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0998 TOTAL P.2024





CROSS SECTIONS - BLACKLICK TRAIL
STA. 4+50.00 TO STA. 4+75.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 4+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:07:07 AM USER: brieder
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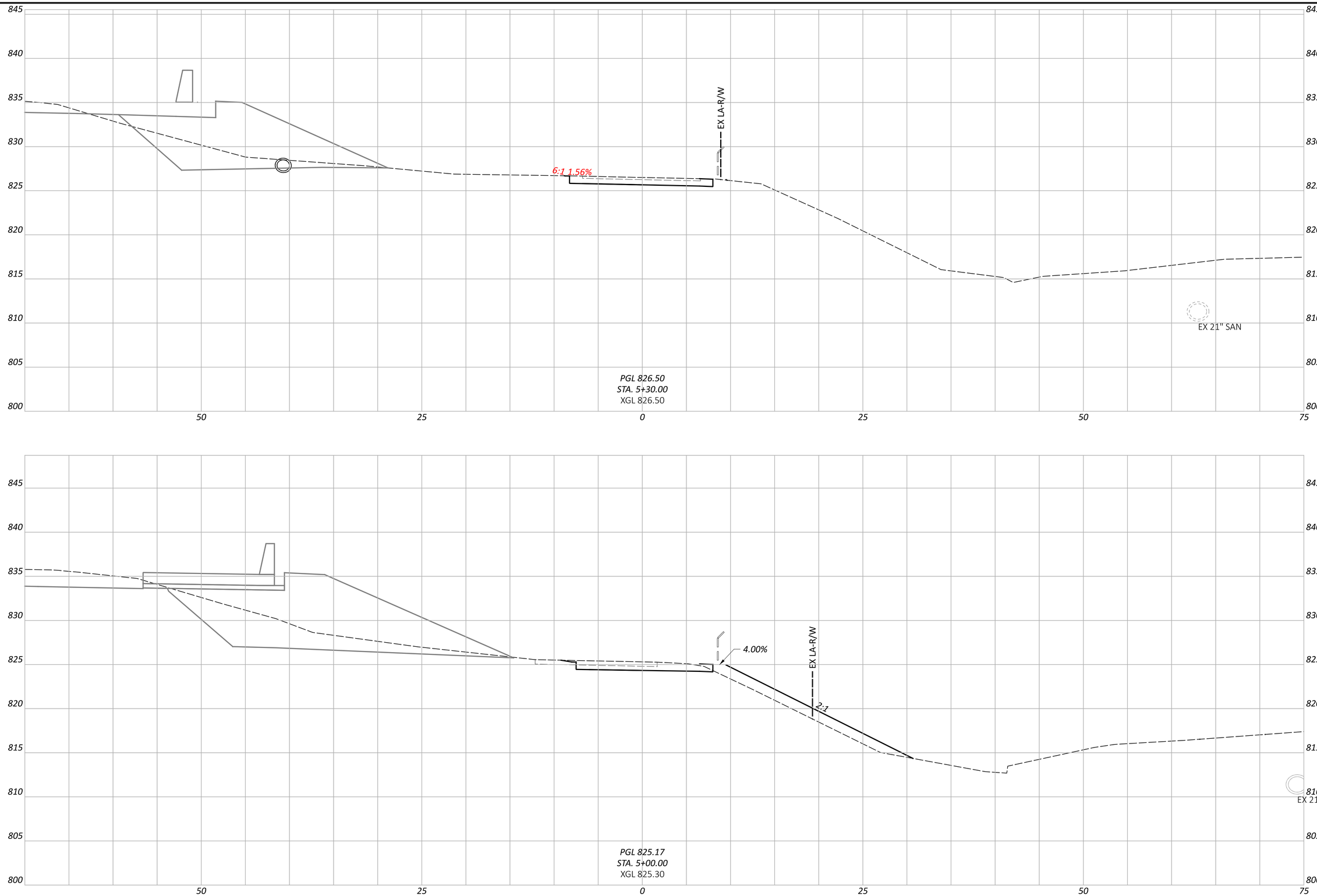
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.0999 TOTAL P.2024



CROSS SECTIONS - BLACKLICK TRAIL
STA. 5+00.00 TO STA. 5+30.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 5+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:07:13 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1000 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_BLACKLICK TRAIL - 5+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:07:17 AM USER: brieder
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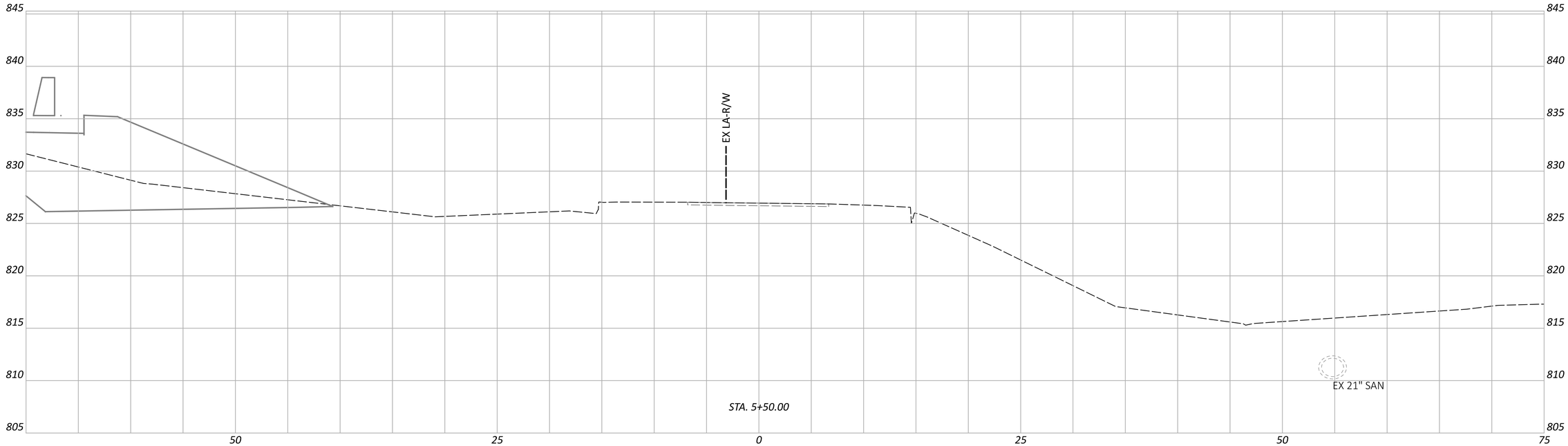
CROSS SECTIONS - BLACKLICK TRAIL
STA. 5+50.00



DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
AJO

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1001 TOTAL P.2024

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 32+93.91 Dc = 01° 28' 08"

WESTBOUND LANES

DESCRIPTION	OUTSIDE SHOULDER			AUX LANE			OUTSIDE LANE				MIDDLE LANE			MIDDLE LANE			INSIDE LANE			EDGE OF PAVEMENT (PGL)	INSIDE SHOULDER			STATION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	TRANSITION RATE	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH		SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	864.35	-0.040	10.00				863.95		-0.020	12.00	864.19	-0.015	12.00	864.37	-0.009	12.00	864.48	0.016	12.00	864.28	10.00	-0.040	863.88	22+00.00
	864.34	-0.040	10.00				863.94		-0.020	12.00	864.18	-0.016	12.00	864.38	-0.009	12.00	864.48	0.016	12.00	864.29	10.00	-0.040	863.89	22+25.00
	864.32	-0.040	10.00				863.92		-0.020	12.00	864.16	-0.017	12.00	864.37	-0.009	12.00	864.48	0.016	12.00	864.29	10.00	-0.040	863.89	22+50.00
	864.28	-0.040	10.00				863.88		-0.020	12.00	864.11	-0.018	12.00	864.33	-0.012	12.00	864.47	-8.318	12.00	964.28	10.00	-0.040	963.88	22+75.00
	864.21	-0.040	10.00				863.81		-0.020	12.00	864.05	-0.017	12.00	864.25	-0.012	12.00	864.40	-8.317	12.00	964.20	10.00	-0.040	963.80	23+00.00
NC	864.10	-0.040	10.00				863.70	250:1	-0.020	12.00	863.94	-0.017	12.00	864.14	-0.013	12.00	864.29	-8.317	12.00	964.10	10.00	-0.040	963.70	23+25.00
	863.96	-0.040	10.00				863.56	250:1	-0.020	12.00	863.80	-0.019	12.00	864.02	-0.012	12.00	864.16	-8.325	12.00	964.07	10.00	-0.040	963.67	23+50.00
HALF FLAT	863.79	-0.040	10.00				863.39	250:1	-0.020	12.00	863.63	-0.019	12.00	863.87	-0.014	12.00	864.04	0.000	12.00	864.04	10.00	-0.040	863.64	23+75.00
	863.63	-0.040	10.00	863.23	-0.007	0.35	863.23	250:1	-0.020	12.00	863.47	-0.019	12.00	863.70	-0.018	12.00	863.91	-0.008	12.00	864.01	10.00	-0.040	863.61	24+00.00
RC	863.43	-0.040	10.00	863.03	-0.017	0.85	863.04	250:1	-0.020	12.00	863.28	-0.020	12.00	863.52	-0.020	12.00	863.75	-0.016	12.00	863.94	10.00	-0.040	863.54	24+25.00
	863.20	-0.040	10.00	862.80	-0.021	1.35	862.83	250:1	-0.020	12.00	863.07	-0.021	12.00	863.32	-0.021	12.00	863.57	-8.352	12.00	963.80	10.00	-0.040	963.40	24+50.00
	862.93	-0.040	10.00	862.53	-0.021	1.85	862.57	250:1	-0.023	12.00	862.84	-0.023	12.00	863.11	-0.025	12.00	863.41	-8.356	12.00	963.69	10.00	-0.040	963.29	24+75.00
	862.65	-0.040	10.00	862.25	-0.027	2.35	862.31	250:1	-0.026	12.00	862.62	-0.024	12.00	862.91	-0.028	12.00	863.25	-8.360	12.00	963.56	10.00	-0.040	963.16	25+00.00
	862.36	-0.040	10.00	861.96	-0.031	2.84	862.05	250:1	-0.029	12.00	862.40	-0.027	12.00	862.72	-0.032	12.00	863.09	-8.363	12.00	963.45	10.00	-0.040	963.05	25+25.00
	862.18	-0.040	10.00	861.78	-0.032	3.16	861.88	250:1	-0.031	12.00	862.25	-0.051	12.00	862.86	-0.012	12.00	863.00	-0.032	12.00	863.38	10.00	-0.040	862.98	25+40.30
	862.06	-0.040	10.00	861.66	-0.032	3.34	861.77	250:1	-0.032	12.00	862.16	-0.066	12.00	862.95	0.000	12.00	862.95	-0.032	12.00	863.34	10.00	-0.040	862.94	25+50.00
	861.69	-0.040	10.00	861.29	-0.035	3.84	861.43	250:1	-0.036	12.00	861.85	-0.035	12.00	862.28	-0.041	12.00	862.77	-0.036	12.00	863.20	10.00	-0.040	862.80	25+75.00
	861.30	-0.040	10.00	860.90	-0.040	4.34	861.07	250:1	-0.039	12.00	861.54	-0.041	12.00	862.03	-0.044	12.00	862.56	-0.039	12.00	863.03	10.00	-0.039	862.64	26+00.00
	860.14	-0.042	10.00	860.56	-0.042	4.84	860.76	250:1	-0.042	12.00	861.27	-0.043	12.00	861.79	-0.046	12.00	862.34	-0.042	12.00	862.84	10.00	-0.034	862.50	26+25.00
	859.76	-0.045	10.00	860.21	-0.045	5.34	860.45	250:1	-0.046	12.00	861.00	-0.046	12.00	861.55	-0.048	12.00	862.12	-0.046	12.00	862.67	10.00	-0.032	862.35	26+50.00
	859.35	-0.049	10.00	859.84	-0.049	5.84	860.13	250:1	-0.049	12.00	860.71	-0.048	12.00	861.29	-0.050	12.00	861.88	-0.049	12.00	862.47	10.00	-0.025	862.22	26+75.00
	858.92	-0.053	10.00	859.45	-0.053	6.34	859.78	250:1	-0.052	12.00	860.41	-0.050	12.00	861.00	-0.057	12.00	861.68	-0.052	12.00	862.31	10.00	-0.028	862.03	27+00.00
	858.55	-0.055	10.00	859.10	-0.055	6.84	859.48	250:1	-0.055	12.00	860.14	-0.051	12.00	860.75	-0.056	12.00	861.42	-0.055	12.00	862.08	10.00	-0.021	861.87	27+25.00
	858.18	-0.058	10.00	858.76	-0.058	7.34	859.19	250:1	-0.059	12.00	859.89	-0.051	12.00	860.50	-0.057	12.00	861.19	-0.058	12.00	861.89	10.00	-0.016	861.73	27+50.00
BEGIN FS	857.74	-0.063	10.00	858.37	-0.063	7.84	858.86	250:1	-0.063	12.00	859.62	-0.055	12.00	860.28	-0.063	12.00	861.04	-0.062	12.00	861.78	10.00	-0.018	861.60	27+75.00
	857.41	-0.063	10.00	858.04	-0.063	8.34	858.56		-0.063	12.00	859.32	-0.060	12.00	860.04	-0.067	12.00	860.84	-0.063	12.00	861.59	10.00	-0.022	861.37	28+00.00
	857.09	-0.063	10.00	857.72	-0.063	8.84	858.27		-0.063	12.00	859.03	-0.063	12.00	859.78	-0.068	12.00	860.59	-0.062	12.00	861.33	10.00	-0.027	861.06	28+25.00
	856.79	-0.063	10.00	857.42	-0.063	9.34	858.00		-0.063	12.00	858.76	-0.066	12.00	859.55	-0.061	12.00	860.28	-0.062	12.00	861.02	10.00	-0.017	860.85	28+50.00
	856.49	-0.063	10.00	857.12	-0.063	9.84	857.74		-0.063	12.00	858.50	-0.067	12.00	859.30	-0.058	12.00	859.99	-0.062	12.00	860.73	10.00	-0.013	860.60	28+75.00
	856.22	-0.063	10.00	856.85	-0.063	10.34	857.50		-0.063	12.00	858.26	-0.063	12.00	859.02	-0.067	12.00	859.82	-0.062	12.00	860.56	10.00	-0.023	860.33	29+00.00
	855.92	-0.063	10.00	856.55	-0.063	10.84	857.23		-0.063	12.00	857.99	-0.062	12.00	858.73	-0.062	12.00	859.47	-0.062	12.00	860.21	10.00	-0.018	860.03	29+25.00
	855.63	-0.063	10.00	856.26	-0.063	11.34	856.97		-0.063	12.00	857.73	-0.059	12.00	858.44	-0.062	12.00	859.18	-0.062	12.00	859.92	10.00	-0.020	859.72	29+50.00
	855.34	-0.063	10.00	855.97	-0.063	11.84	856.71		-0.063	12.00	857.47	-0.057	12.00	858.15	-0.058	12.00	858.84	-0.062	12.00	859.58	10.00	-0.016	859.42	29+75.00
	855.06	-0.063	10.00	855.69	-0.063	12.00	856.44		-0.063	12.00	857.20	-0.057	12.00	857.88	-0.056	12.00	858.55	-0.062	12.00	859.29	10.00	-0.015	859.14	30+00.00
	854.74	-0.063	10.00	855.37	-0.063	12.00	856.12		-0.063	12.00	856.88	-0.060	12.00	857.60	-0.058	12.00	858.30	-0.062	12.00	859.04	10.00	-0.018	858.86	30+25.00
	854.42	-0.063	10.00	855.05	-0.063	12.00	855.80		-0.063	12.00	856.56	-0.060	12.00	857.28	-0.059	12.00	857.99	-0.063	12.00	858.74	10.00	-0.017	858.57	30+50.00
	854.08	-0.063	10.00	854.71	-0.063	12.00	855.46		-0.063	12.00	856.22	-0.061	12.00	856.95	-0.062	12.00	857.69	-0.062	12.00	858.43	10.00	-0.018	858.25	30+75.00
	853.71	-0.063	10.00	854.34	-0.063	12.00	855.09		-0.063	12.00	855.85	-0.063	12.00	856.61	-0.067	12.00	857.41	-0.062	12.00	858.15	10.00	-0.021	857.94	31+00.00
	853.39	-0.063	10.00	854.02	-0.063	12.00	854.77		-0.063	12.00	855.53	-0.062	12.00	856.27	-0.060	12.00	856.99	-0.062	12.00	857.73	10.00	-0.014	857.59	31+25.00
	853.08	-0.063	10.00	853.71	-0.063	12.00	854.46		-0.063	12.00	855.22	-0.060	12.00	855.94	-0.061	12.00	856.67	-0.062	12.00	857.41	10.00	-0.016	857.25	31+50.00
	852.72	-0.063	10.00	853.35	-0.063	12.00	854.10		-0.063	12.00	854.86	-0.061	12.00	855.59	-0.060	12.00	856.31	-0.062	12.00	857.05	10.00	-0.016	856.89	31+75.00
	852.36	-0.063	10.00	852.99	-0.063	12.00	853.74		-0.063	12.00	854.50	-0.061	12.00	855.23	-0.059	12.00	855.94	-0.062	12.00	856.68	10.00	-0.017	856.51	32+00.00
	852.01	-0.063	10.00	852.64	-0.063	12.00	853.39		-0.063	12.00	854.15	-0.058	12.00	854.85	-0.059	12.00	855.56	-0.062	12.00	856.30	10.00	-0.017	856.13	32+25.00
	851.61	-0.063	10.00	852.24	-0.063	12.00	852.99		-0.063	12.00	853.75	-0.058	12.00	854.44	-0.059	12.00	855.15	-0.062	12.00	855.89	10.00	-0.018	855.71	32+50.00
	851.17	-0.063	10.00	851.80	-0.063	12.00	852.55		-0.063	12.00	853.31	-0.058	12.00	854.01	-0.061	12.00	854.74	-0.062	12.00	855.48	10.00	-0.018	855.30	32+75.00
	850.75	-0.063	10.00	851.38	-0.063	12.00	852.13		-0.063	12.00	852.89	-0.058	12.00	853.59	-0.060	12.00	854.31	-0.062	12.00	855.05	10.00	-0.017	854.88	33+00.00
	850.34	-0.063	10.00	850.97	-0.063	12.00	851.72		-0.063	12.00	852.48	-0.056	12.00	853.15	-0.060	12.00	853.87	-0.062	12.00	854.61	10.00	-0.016	854.45	33+25.00
	849.91	-0.063	10.00	850.54	-0.063	12.00	851.29		-0.063	12.00	852.05	-0.058	12.00	852.75	-0.058	12.00	853.45	-0.062	12.00	854.19	10.00	-0.017	854.02	33+50.00
	849.51	-0.063	10.00	850.14	-0.063	12.00	850.89		-0.063	12.00	851.65	-0.058	12.00	852.34	-0.057	12.00	853.03	-0.062	12.00	853.77	10.00	-0.018	853.59	33+75.00
	849.11	-0.063	10.00	849.74	-0.063	12.00	850.49		-0.063	12.00	851.25	-0.051	12.00	851.86	-0.059	12.00	852.57	-0.062	12.00	853.31	10.00	-0.019	853.12	34+00.00
	848.65	-0.063	10.00	849.28	-0.063	12.00	850.03		-0.063	12.00	850.79	-0.053	12.00	851.43	-0.057	12.00	852.11	-0.062	12.00	852.85	10.00	-0.018	852.67	34+25.00
	848.15	-0.063	10.00	848.78	-0.063	12.00	849.53		-0.063	12.00	850.29	-0.053	12.00	850.93	-0.059	12.00	851.64	-0.062	12.00	852.38	10.00	-0.018	852.20	34+50.00
	847.68	-0.063	10.00	848.31	-0.063	12.00	849.06		-0.063	12.00	849.82	-0.053	12.00	850.46	-0.061	12.00	851.19	-0.062	12.00	851.93	10.00	-0.019	851.74	34+75.00
	847.22	-0.063	10.00	847.85	-0.063	12.00	848.60		-0.063	12.00	849.36	-0.056	12.00	850.03	-0.059	12.00	850.74	-0.062	12.00	851.48	10.00	-0.020	851.28	35+00.00
	846.74	-0.063	10.00	847.37	-0.063	12.00	848.12		-0.063	12.00	848.88	-0.056	12.00	849.55	-0.061	12.00	850.28	-0.062	12.00	851.02	10.00	-0.022	850.80	35+25.00
	846.26	-0.063	10.00	846.89	-0.063	12.00	847.64		-0.063	12.00	848.40	-0.052	12.00	849.03	-0.062	12.00	849.77	-0.063	12.00	850.52	10.00	-0.021	850.31	35+50.00
	845.76	-0.063	10.00	846.39	-0.063	12.00	847.14		-0.063	12.00	847.90	-0.053	12.00	848.54	-0.063	12.00	849.29	-0.062	12.00	850.03	10.00	-0.024	849.79	35+75.00
	845.28	-0.063	10.00	845.91	-0.063	12.00	846.66		-0.063	12.00	847.42	-0.052	12.00	848.05	-0.062	12.00	848.79	-0.062	12.00	849.53	10.00	-0.024	849.29	36+00.00
	844.79	-0.063	10.00	845.42	-0.063	12.00	846.17		-0.063	12.00	846.93	-0.053	12.00	847.57	-0.063	12.00	848.32	-0.063	12.00	849.07	10.00	-0.024	848.83	36+25.00
	844.25	-0.063	10.00	844.88	-0.063	12.00	845.63		-0.063	12.00	846.39	-0.058	12.00	847.09	-0.063	12.00	847.84	-0.062	12.00	848.58	10.00	-0.023	848.35	36+50.00
	843.71	-0.063	10.00	844.34	-0.063	12.00	845.09		-0.063	12.00	845.85	-0.061	12.00	846.58	-0.062	12.00	847.32	-0.062	12.00	848.06	10.00	-0.022	847.84	36+75.00
	843.20	-0.063	10.00	843.83	-0.063	12.00	844.58		-0.063	12.00	845.34	-0.059	12.00	846.05	-0.062	12.00	846.79	-0.062	12.00	847.53	10.00	-0.022	847.31	37+00.00
	842.70	-0.063	10.00	843.33	-0.063	12.00	844.08		-0.063	12.00	844.84	-0.057	12.00	845.53	-0.061	12.00	846.26	-0.063	12.00	847.01	10.00	-0.020	846.81	37+25.00
	842.20	-0.063	10.00	842.83	-0.063	12.00	843.58		-0.063	12.00	844.34	-0.056	12.00	845.01	-0.063	12.00	845.76	-0.063	12.00	846.51	10.00	-0.020	846.31	37+50.00
END FS	841.69	-0.063	10.00	842.32	-0.063	12.00	843.08	250:1	-0.063	12.00	843.83	-0.056	12.00	844.51	-0.063	12.00	845.26	-0.061	12.00	846.00	10.00	-0.020	845.80	37+75.00
	841.37	-0.059	10.00	841.96	-0.059	12.00	842.67	250:1	-0.059	12.00	843.37	-0.055	12.00	844.03	-0.061	12.00	844.76	-0.059	12.00	845.47	10.00	-0.021	845.26	38+00.00
	841.08	-0.056	10.00	841.64	-0.056	12.00	842.31	250:1	-0.055	12.00	842.97	-0.052	12.00	843.60	-0.059	12.00	844.31	-0.055	12.00	844.97	10.00	-0.022	844.75	38+25.00
	840.81	-0.052	10.00	841.33	-0.052	12.00	841.95	250:1	-0.052	12.00	842.58	-0.049	12.00	843.17	-0.057	12.00	843.86	-0.052	12.00	844.48	10.00	-0.023	844.25	38+50.00
	840.52	-0.049	10.00	841.01	-0.049	12.00	841.59	250:1	-0.049	12.00	842.18	-0.049	12.00	842.77	-0.054	12.00	843.41	-0.049	12.00	844.00	10.00	-0.026	843.74	38+75.00
	840.27	-0.046	10.00	840.73	-0.046	12.00	841.28	250:1	-0.046	12.00	841.83	-0.046	12.00	842.38	-0.050	12.00	842.97	-0.046	12.00	843.52	10.00	-0.030	843.22	39+00.00
	840.03	-0.042	10.00	840.45	-0.042	12.00	840.96	250:1	-0.042	12.00	841.46	-0.041	12.00	841.96	-0.046	12.00	842.52	-0.042	12.00	843.02	10.00	-0.033	842.69	39+25.00
	839.73	-0.040	10.00	840.13	-0.039	12.00	840.60	250:1	-0.039	12.00	841.07	-0.039	12.00	841.54	-0.043	12.00	842.06	-0.039	12.00	842.52	10.00	-0.037	842.15	39+50.00
	839.40	-0.040	10.00	839.80	-0.036	12.00	840.23	250:1	-0.036	12.00	840.66	-0.038	12.00	841.11	-0.040	12.00	841.59	-0.035	12.00	842.02	10.00	-0.039	841.63	39+75.00
	839.09	-0.040	10.00	839.49	-0.032	12.00	839.88	250:1	-0.032	12.00	840.27	-0.035	12.00	840.69	-0.037	12.00	841.13	-0.032	12.00	841.52	10.00	-0.040	841.12	40+00.00
	838.79	-0.040	10.00	839.19	-0.029	12.00	839.54	250:1	-0.029	12.00	839.89	-0.030	12.00	840.26	-0.034	12.00	840.66	-0.029	12.00	841.01	10.00	-0.040	840.61	40+25.00
	838.76	-0.040	10.00	839.16	-0.027	12.00	839.48	250:1	-0.029	12.00	839.83	-0.030	12.00	840.19	-0.032	12.00	840.58	-0.029	12.00	840.93	10.00	-0.040	840.53	40+29.18
	838.49	-0.040	10.00	838.89	-0.026	12.00	839.20	250:1	-0.026	12.00	839.51	-0.027	12.00	839.83	-0.030	12.00	840.19	-0.026	12.00	840.50	10.00	-0.040	840.10	40+50.00
	838.21	-0.040	10.00	838.61	-0.022	12.00	838.88	250:1	-0.023	12.00	839.15	-0.025	12.00	839.44	-0.024	12.00	839.74	-0.023	12.00	840.01	10.00	-0.040	839.61	40+75.00
	837.93	-0.040	10.00	838.33	-0.020	12.00	838.57	250:1	-0.020	12.00	838.81	-0.020	12.00	839.05	-0.021	12.00	839.30	-0.019	12.00	839.53	10.00	-0.040	839.13	41+00.00
RC	837.57	-0.040	10.00	837.97	-0.020	12.00	838.21	250:1	-0.020	12.00	838.45	-0.018	12.00	838.67	-0.018	12.00	838.88	-0.016	12.00	839.08	10.00	-0.040	838.68	41+25.00
	837.20	-0.040	10.00	837.60	-0.020	12.00	837.84	250:1	-0.020	12.00	838.08	-0.019	12.00	838.31	-0.014	12.00	838.48	-0.008	12.00	838.58	10.00	-0.040	838.18	41+50.00
HALF FLAT	836.89	-0.040	10.00	837.29	-0.020	12.00	837.53	250:1	-0.020	12.00	837.77	-0.017	12.00	837.97	-0.013	12.00	838.13	0.000	12.00	838.12	10.00	-0.040	837.72	41+75.00
	836.60	-0.040	10.00	837.00	-0.020	12.00	837.24	250:1	-0.020	12.00	837.48	-0.017	12.00	837.69	-0.009	12.00	837.80	0.008	12.00	837.70	10.00	-0.040	837.30	42+00.00
NC	836.32	-0.040	10.00	836.72	-0.020	12.00	836.96	250:1	-0.020	12.00	837.20	-0.018	12.00	837.42	-0.005	12.00	837.48	0.016	12.00	837.28	10.00	-0.040	836.88	42+25.00
																								42+50.00
																								42+75.00
																								43+00.00
																								43+25.00
																								43+50.00

FOR EASTBOUND LANES, SEE SHEET P.1003

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1002 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 - IR 70 1 WB PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:25 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 32+93.91 Dc = 01° 28' 08"

EASTBOUND LANES

STATION	INSIDE SHOULDER			EDGE OF PAVEMENT (PGL)	INSIDE LANE			MIDDLE LANE			OUTSIDE LANE			AUX LANE				AUX LANE			OUTSIDE SHOULDER			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH		LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	TRANSISTION RATE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
22+00.00	863.85	-0.040	10.00	864.25	12.00	0.023	864.52	12.00	-0.018	864.31	12.00	-0.014	864.14	12.00	-0.016	250:1	863.95	12.00	-0.016	863.76	10.00	-0.040	863.36	NC
22+25.00	863.82	-0.040	10.00	864.22	12.00	0.023	864.51	12.00	-0.017	864.30	12.00	-0.013	864.15	12.00	-0.012	250:1	864.01	12.00	-0.012	863.87	10.00	-0.040	863.47	
22+50.00	863.81	-0.040	10.00	864.21	12.00	0.023	864.48	12.00	-0.016	864.29	12.00	-0.011	864.16	12.00	-0.008	250:1	864.06	12.00	-0.008	863.97	10.00	-0.040	863.57	
22+75.00	863.78	-0.040	10.00	864.18	12.00	0.023	864.46	12.00	-0.013	864.29	12.00	-0.012	864.15	12.00	-0.004	250:1	864.10	12.00	-0.004	864.06	10.00	-0.040	863.66	
23+00.00	863.75	-0.040	10.00	864.15	12.00	0.021	864.40	12.00	-0.011	864.27	12.00	-0.010	864.14	12.00	0.000	250:1	864.14	12.00	0.000	864.14	10.00	-0.040	863.74	HALF FLAT
23+25.00	863.71	-0.040	10.00	864.11	12.00	0.020	864.35	12.00	-0.008	864.26	12.00	-0.008	864.16	12.00	0.004	250:1	864.21	12.00	0.004	864.26	10.00	-0.040	863.86	
23+50.00	863.65	-0.040	10.00	864.05	12.00	0.020	864.30	12.00	-0.004	864.25	12.00	-0.004	864.21	12.00	0.008	250:1	864.30	12.00	0.008	864.40	10.00	-0.040	864.00	
23+75.00	863.60	-0.040	10.00	864.00	12.00	0.018	864.22	12.00	0.003	864.26	12.00	-0.001	864.24	12.00	0.012	250:1	864.39	12.00	0.012	864.53	10.00	-0.040	864.13	
24+00.00	863.53	-0.040	10.00	863.93	12.00	0.023	864.21	12.00	0.004	864.25	12.00	0.002	864.28	12.00	0.016	250:1	864.47	12.00	0.016	864.66	10.00	-0.040	864.26	RC
24+25.00	863.45	-0.040	10.00	863.85	12.00	0.024	864.14	12.00	0.010	864.26	12.00	0.003	864.30	12.00	0.019	250:1	864.53	12.00	0.019	864.76	10.00	-0.040	864.36	
24+50.00	863.35	-0.040	10.00	863.75	12.00	0.028	864.09	12.00	0.013	864.24	12.00	0.007	864.33	12.00	0.022	250:1	864.59	12.00	0.022	864.86	10.00	-0.040	864.46	
24+75.00	863.23	-0.040	10.00	863.63	12.00	0.032	864.02	12.00	0.015	864.20	12.00	0.014	864.36	12.00	0.025	250:1	864.67	12.00	0.025	864.97	10.00	-0.040	864.57	
25+00.00	863.09	-0.040	10.00	863.49	12.00	0.035	863.92	12.00	0.019	864.14	12.00	0.021	864.39	12.00	0.029	250:1	864.73	12.00	0.029	865.07	10.00	-0.040	864.67	
25+25.00	862.96	-0.040	10.00	863.36	12.00	0.038	863.82	12.00	0.025	864.12	12.00	0.022	864.38	12.00	0.032	250:1	864.76	12.00	0.032	865.13	10.00	-0.039	864.74	
25+40.30	862.89	-0.040	10.00	863.29	12.00	0.040	863.77	12.00	0.026	864.08	12.00	0.025	864.38	12.00	0.034	250:1	864.78	12.00	0.034	865.17	10.00	-0.039	864.78	
25+50.00	862.80	-0.043	10.00	863.23	12.00	0.043	863.74	12.00	0.026	864.06	12.00	0.027	864.38	12.00	0.035	250:1	864.79	12.00	0.035	865.20	10.00	-0.036	864.84	
25+75.00	862.71	-0.041	10.00	863.12	12.00	0.041	863.62	12.00	0.032	864.00	12.00	0.029	864.35	12.00	0.038	250:1	864.80	12.00	0.038	865.25	10.00	-0.033	864.92	
26+00.00	862.56	-0.044	10.00	863.00	12.00	0.044	863.52	12.00	0.034	863.93	12.00	0.032	864.32	12.00	0.041	250:1	864.81	12.00	0.041	865.29	10.00	-0.029	865.00	
26+25.00	862.43	-0.044	10.00	862.87	12.00	0.044	863.41	12.00	0.037	863.85	12.00	0.035	864.27	12.00	0.044	250:1	864.80	12.00	0.044	865.32	10.00	-0.026	865.06	
26+50.00	862.26	-0.047	10.00	862.73	12.00	0.047	863.30	12.00	0.039	863.77	12.00	0.037	864.22	12.00	0.047	250:1	864.78	12.00	0.047	865.35	10.00	-0.023	865.12	
26+75.00	862.10	-0.049	10.00	862.59	12.00	0.049	863.19	12.00	0.043	863.70	12.00	0.036	864.14	12.00	0.050	250:1	864.73	12.00	0.050	865.33	10.00	-0.020	865.13	
27+00.00	861.86	-0.055	10.00	862.41	12.00	0.055	863.07	12.00	0.045	863.61	12.00	0.038	864.06	12.00	0.054	250:1	864.70	12.00	0.054	865.33	10.00	-0.017	865.16	
27+25.00	861.60	-0.060	10.00	862.20	12.00	0.060	862.92	12.00	0.046	863.48	12.00	0.041	863.96	12.00	0.057	250:1	864.63	12.00	0.057	865.30	10.00	-0.014	865.16	
27+50.00	861.33	-0.064	10.00	861.97	12.00	0.064	862.74	12.00	0.048	863.31	12.00	0.043	863.83	12.00	0.060	250:1	864.54	12.00	0.060	865.24	10.00	-0.011	865.13	
27+75.00	861.09	-0.063	10.00	861.72	12.00	0.063	862.47	12.00	0.055	863.13	12.00	0.043	863.64	12.00	0.063	250:1	864.40	12.00	0.063	865.16	10.00	-0.007	865.09	BEGIN FS
28+00.00	860.81	-0.066	10.00	861.47	12.00	0.066	862.26	12.00	0.052	862.89	12.00	0.045	863.43	12.00	0.063		864.19	12.00	0.063	864.94	10.00	-0.007	864.87	
28+25.00	860.56	-0.067	10.00	861.23	12.00	0.067	862.03	12.00	0.053	862.67	12.00	0.043	863.19	12.00	0.063		863.95	12.00	0.063	864.70	10.00	-0.007	864.63	
28+50.00	860.36	-0.066	10.00	861.02	12.00	0.066	861.81	12.00	0.054	862.46	12.00	0.043	862.98	12.00	0.063		863.74	12.00	0.063	864.49	10.00	-0.007	864.42	
28+75.00	860.13	-0.067	10.00	860.80	12.00	0.067	861.60	12.00	0.052	862.22	12.00	0.046	862.77	12.00	0.063		863.53	12.00	0.063	864.28	10.00	-0.007	864.21	
29+00.00	859.93	-0.063	10.00	860.56	12.00	0.063	861.32	12.00	0.052	861.95	12.00	0.048	862.53	12.00	0.063		863.29	12.00	0.063	864.04	10.00	-0.007	863.97	
29+25.00	859.66	-0.062	10.00	860.28	12.00	0.062	861.02	12.00	0.056	861.69	12.00	0.047	862.25	12.00	0.063		863.01	12.00	0.063	863.76	10.00	-0.007	863.69	
29+50.00	859.38	-0.063	10.00	860.00	12.00	0.063	860.75	12.00	0.055	861.41	12.00	0.046	861.96	12.00	0.063		862.72	12.00	0.063	863.47	10.00	-0.007	863.40	
29+75.00	859.10	-0.059	10.00	859.69	12.00	0.059	860.40	12.00	0.058	861.10	12.00	0.044	861.63	12.00	0.063		862.39	12.00	0.063	863.14	10.00	-0.007	863.07	
30+00.00	858.80	-0.060	10.00	859.40	12.00	0.060	860.12	12.00	0.057	860.81	12.00	0.043	861.33											
30+25.00	858.47	-0.063	10.00	859.09	12.00	0.063	859.84	12.00	0.056	860.51	12.00	0.043	861.03											
30+50.00	857.87	-0.089	10.00	858.76	12.00	0.089	859.83	12.00	0.029	860.18	12.00	0.045	860.72											
30+75.00	857.75	-0.068	10.00	858.42	12.00	0.068	859.23	12.00	0.052	859.85	12.00	0.045	860.39											
31+00.00	857.46	-0.064	10.00	858.10	12.00	0.064	858.87	12.00	0.052	859.50	12.00	0.047	860.06											
31+25.00	857.08	-0.065	10.00	857.73	12.00	0.065	858.51	12.00	0.054	859.16	12.00	0.048	859.73											
31+50.00	856.73	-0.063	10.00	857.35	12.00	0.063	858.10	12.00	0.058	858.80	12.00	0.049	859.39											
31+75.00	856.34	-0.063	10.00	856.96	12.00	0.063	857.71	12.00	0.060	858.43	12.00	0.049	859.02											
32+00.00	855.97	-0.062	10.00	856.59	12.00	0.062	857.33	12.00	0.062	858.07	12.00	0.049	858.66											
32+25.00	855.62	-0.062	10.00	856.24	12.00	0.062	856.98	12.00	0.059	857.69	12.00	0.051	858.30											
32+50.00	855.25	-0.062	10.00	855.87	12.00	0.062	856.61	12.00	0.060	857.33	12.00	0.048	857.91											
32+75.00	854.87	-0.062	10.00	855.49	12.00	0.062	856.23	12.00	0.060	856.95	12.00	0.048	857.53											
33+00.00	854.48	-0.062	10.00	855.10	12.00	0.062	855.84	12.00	0.058	856.54	12.00	0.050	857.14											
33+25.00	854.14	-0.058	10.00	854.72	12.00	0.058	855.42	12.00	0.061	856.15	12.00	0.048	856.73											
33+50.00	853.75	-0.058	10.00	854.33	12.00	0.058	855.03	12.00	0.058	855.73	12.00	0.046	856.28											
33+75.00	853.33	-0.058	10.00	853.91	12.00	0.058	854.61	12.00	0.058	855.31	12.00	0.045	855.85											
34+00.00	852.88	-0.058	10.00	853.46	12.00	0.058	854.16	12.00	0.058	854.86	12.00	0.046	855.41											
34+25.00	852.46	-0.057	10.00	853.03	12.00	0.057	853.71	12.00	0.057	854.39	12.00	0.045	854.93											
34+50.00	852.03	-0.055	10.00	852.58	12.00	0.055	853.24	12.00	0.057	853.92	12.00	0.045	854.46											
34+75.00	851.53	-0.056	10.00	852.09	12.00	0.056	852.76	12.00	0.059	853.47	12.00	0.042	853.98											
35+00.00	850.99	-0.059	10.00	851.58	12.00	0.059	852.29	12.00	0.060	853.01	12.00	0.042	853.51											
35+25.00	848.65	-0.144	10.00	850.09	12.00	0.144	851.82	12.00	0.061	852.55	12.00	0.043	853.07											
35+50.00	850.00	-0.061	10.00	850.61	12.00	0.061	851.34	12.00	0.060	852.06	12.00	0.043	852.57											
35+75.00	849.54	-0.059	10.00	850.13	12.00	0.059	850.84	12.00	0.061	851.57	12.00	0.042	852.08											
36+00.00	849.06	-0.059	10.00	849.65	12.00	0.059	850.36	12.00	0.058	851.06	12.00	0.044	851.59											
36+25.00	848.54	-0.060	10.00	849.14	12.00	0.060	849.86	12.00	0.059	850.57	12.00	0.044	851.10											
36+50.00	848.05	-0.059	10.00	848.64	12.00	0.059	849.35	12.00	0.060	850.07	12.00	0.045	850.61											
36+75.00	847.54	-0.059	10.00	848.13	12.00	0.059	848.84	12.00	0.058	849.54	12.00	0.047	850.10											
37+00.00	847.04	-0.059	10.00	847.63	12.00	0.059	848.34	12.00	0.057	849.03	12.00	0.047	849.59											
37+25.00	846.52	-0.060	10.00	847.12	12.00	0.060	847.84	12.00	0.057	848.53	12.00	0.047	849.09											
37+50.00	846.00	-0.060	10.00	846.60	12.00	0.060	847.32	12.00	0.058	848.02	12.00	0.047	848.58											
37+75.00	845.50	-0.060	10.00	846.10	12.00	0.060	846.81	12.00	0.057	847.49	12.00	0.047	848.05											END FS
38+00.00	845.02	-0.058	10.00	845.60	12.00	0.058	846.30	12.00	0.055	846.96	12.00	0.045	847.50											
38+25.00	844.58	-0.054	10.00	845.12	12.00	0.054	845.77	12.00	0.052	846.40	12.00	0.044	846.92											
38+50.00	844.11	-0.052	10.00	844.63	12.00	0.052	845.25	12.00	0.048	845.83	12.00	0.041	846.32											
38+75.00	843.64	-0.048	10.00	844.12	12.00	0.048	844.70	12.00	0.047	845.26	12.00	0.038	845.72											
39+00.00	843.15	-0.046	10.00	843.60	12.00	0.046	844.15	12.00	0.045	844.69	12.00	0.036	845.11											
39+25.00	842.62	-0.044	10.00	843.06	12.00	0.044	843.60	12.00	0.043	844.11	12.00	0.031	844.48											
39+50.00	842.11	-0.043	10.00	842.54	12.00	0.043	843.06	12.00	0.039	843.53	12.00	0.027	843.85											
39+75.00	841.62	-0.042	10.00	842.04	12.00	0.042	842.55	12.00	0.033	842.94	12.00	0.025	843.24											
40+00.00	841.13	-0.040	10.00	841.53	12.00	0.039	842.00	12.00	0.029	842.35	12.00	0.022	842.62											
40+25.00	840.62	-0.040	10.00	841.02	12.00	0.035	841.43	12.00	0.026	841.75	12.00	0.020	841.98											
40+29.18	840.53	-0.040	10.00	840.93	12.00	0.034	841.34	12.00	0.026	841.66	12.00	0.020	841.89											PT
40+50.00	840.10	-0.040	10.00	840.50	12.00	0.033	840.89	12.00	0.022	841.15	12.00	0.018	841.37											
40+75.00	839.58	-0.040	10.00	839.98	12.00	0.029	840.33	12.00	0.021	840.58	12.00	0.014	840.75											
41+00.00	839.06	-0.040	10.00	839.46	12.00	0.027	839.78	12.00	0.017	839.98	12.00	0.012	840.12											
41+25.00	838.57	-0.040	10.00	838.97	12.00	0.025	839.27	12.00	0.014	839.44	12.00	0.008	839.54											
41+50.00	838.11	-0.040	10.00	838.51	12.00	0.022	838.78	12.00	0.013	838.93	12.00	0.005	838.99											RC
41+75.00	837.70	-0.040	10.00	838.10	12.00	0.019	838.34	12.00	0.010	838.45	12.00	0.001	838.46											
42+00.00	837.31	-0.040	10.00	837.71	12.00	0.018	837.92	12.00	0.006	837.99	12.00	-0.002	837.97											
42+25.00	836.94	-0.040	10.00	837.34	12.00	0.016	837.53	12.00	0.004	837.57	12.00	-0.005	837.51											
42+50.00	836.62	-0.040	10.00	837.02	12.00	0.014	837.18	12.00	-0.001	837.18	12.00	-0.007	837.09											
42+75.00	836.36	-0.040	10.00	836.76	12.00	0.011	836.89	12.00	-0.006	836.82	12.00	-0.009	836.72											
43+00.00	836.12	-0.040	10.00	836.52	12.00	0.008	836.62	12.00	-0.010	836.50	12.00	-0.011	836.37											
43+25.00	835.90	-0.040	10.00	836.30	12.00	0.007	836.39	12.00	-0.014	836.22	12.00	-0.010	836.09											
43+50.00	835.72	-0.040	10.00	836.12	12.00	0.007	836.21	12.00	-0.015	836.03	12.00	-0.010	835.91											NC

FOR WESTBOUND LANES, SEE SHEET P.1002

SEE RAMP TERMINAL DETAIL

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1003 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 2 - IR 70 1 EB PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:27 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 126+83.38 Dc = 1° 00' 00"

WESTBOUND LANES

DESCRIPTION	OUTSIDE SHOULDER			AUX LANE			OUTSIDE LANE			MIDDLE LANE			INSIDE LANE				EDGE OF PAVEMENT (PGL)	INSIDE SHOULDER			STATION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	EDGE OF PAVEMENT	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	LANE LINE ELEVATION	LANE CROSS SLOPE	LANE WIDTH	TRANSITION RATE		SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	934.58	-0.040	10.00				935.08	-0.012	12.00	935.23	0.006	12.00	935.16	0.016	12.00		934.97	10.00	-0.040	934.57	113+50.00
NC	935.03	-0.040	10.00				935.55	-0.014	12.00	935.71	0.004	12.00	935.67	0.016	12.00	250:1	935.48	10.00	-0.040	935.08	113+75.00
	935.49	-0.040	10.00				936.01	-0.015	12.00	936.19	0.001	12.00	936.18	0.011	12.00	250:1	936.05	10.00	-0.040	935.65	114+00.00
	935.92	-0.040	10.00				936.44	-0.017	12.00	936.64	-0.004	12.00	936.69	0.005	12.00	250:1	936.62	10.00	-0.040	936.22	114+25.00
	936.37	-0.040	10.00				936.88	-0.015	12.00	937.05	-0.007	12.00	937.14	0.000	12.00	250:1	937.14	10.00	-0.040	936.74	114+50.00
	936.83	-0.040	10.00				937.32	-0.014	12.00	937.49	-0.011	12.00	937.62	-0.005	12.00	250:1	937.68	10.00	-0.040	937.28	114+75.00
	937.27	-0.040	10.00				937.77	-0.016	12.00	937.95	-0.013	12.00	938.11	-0.011	12.00	250:1	938.24	10.00	-0.040	937.84	115+00.00
RC	937.73	-0.040	10.00				938.15	-0.021	12.00	938.41	-0.017	12.00	938.61	-0.016	12.00	250:1	938.80	10.00	-0.040	938.40	115+25.00
	938.11	-0.040	10.00				938.59	-0.022	12.00	938.86	-0.018	12.00	939.08	-0.020	12.00	250:1	939.33	10.00	-0.040	938.93	115+50.00
PC	938.24	-0.040	10.00				938.64	-0.022	12.00	938.91	-0.018	12.00	939.13	-0.021	12.00	250:1	939.38	10.00	-0.040	938.98	115+53.01
	938.52	-0.040	10.00				939.02	-0.026	12.00	939.32	-0.022	12.00	939.58	-0.025	12.00	250:1	939.88	10.00	-0.040	939.48	115+75.00
	938.90	-0.040	10.00				939.42	-0.029	12.00	939.77	-0.025	12.00	940.07	-0.029	12.00	250:1	940.42	10.00	-0.040	940.02	116+00.00
	939.35	-0.040	10.00				939.83	-0.032	12.00	940.22	-0.029	12.00	940.57	-0.033	12.00	250:1	940.96	10.00	-0.037	940.59	116+25.00
	939.82	-0.040	10.00				940.28	-0.034	12.00	940.69	-0.032	12.00	941.07	-0.038	12.00	250:1	941.52	10.00	-0.032	941.20	116+50.00
BEGIN FS	940.26	-0.040	10.00				940.76	-0.036	12.00	941.19	-0.035	12.00	941.61	-0.042	12.00	250:1	942.11	10.00	-0.028	941.83	116+75.00
	940.68	-0.040	10.00				941.23	-0.037	12.00	941.68	-0.036	12.00	942.11	-0.042	12.00		942.61	10.00	-0.028	942.33	117+00.00
	941.15	-0.040	10.00				941.70	-0.038	12.00	942.16	-0.037	12.00	942.60	-0.042	12.00		943.10	10.00	-0.028	942.82	117+25.00
	941.67	-0.040	10.00				942.21	-0.039	12.00	942.68	-0.036	12.00	943.11	-0.042	12.00		943.61	10.00	-0.028	943.33	117+50.00
	942.15	-0.042	10.00				942.70	-0.042	12.00	943.20	-0.036	12.00	943.63	-0.042	12.00		944.13	10.00	-0.028	943.85	117+75.00
	942.61	-0.042	10.00				943.20	-0.042	12.00	943.70	-0.026	12.00	944.01	-0.042	12.00		944.63	10.00	-0.028	944.35	118+00.00
	943.11	-0.043	10.00				943.69	-0.043	12.00	944.21	-0.037	12.00	944.66	-0.042	12.00		945.16	10.00	-0.028	944.88	118+25.00
	943.60	-0.043	10.00				944.18	-0.043	12.00	944.70	-0.037	12.00	945.15	-0.042	12.00		945.65	10.00	-0.028	945.37	118+50.00
	944.14	-0.043	10.00				944.68	-0.043	12.00	945.20	-0.037	12.00	945.65	-0.042	12.00		946.15	10.00	-0.028	945.87	118+75.00
	944.61	-0.043	10.00				945.18	-0.043	12.00	945.70	-0.036	12.00	946.13	-0.042	12.00		946.63	10.00	-0.028	946.35	119+00.00
	945.13	-0.042	10.00				945.72	-0.042	12.00	946.22	-0.035	12.00	946.64	-0.042	12.00		947.14	10.00	-0.028	946.86	119+25.00
	945.62	-0.042	10.00				946.22	-0.042	12.00	946.73	-0.035	12.00	947.15	-0.042	12.00		947.65	10.00	-0.028	947.37	119+50.00
	946.13	-0.042	10.00				946.70	-0.042	12.00	947.20	-0.037	12.00	947.65	-0.042	12.00		948.14	10.00	-0.028	947.86	119+75.00
	946.60	-0.041	10.00				947.21	-0.041	12.00	947.70	-0.037	12.00	948.14	-0.042	12.00		948.64	10.00	-0.028	948.36	120+00.00
	947.07	-0.041	10.00				947.71	-0.041	12.00	948.20	-0.037	12.00	948.64	-0.042	12.00		949.14	10.00	-0.028	948.86	120+25.00
	947.59	-0.041	10.00				948.21	-0.041	12.00	948.70	-0.037	12.00	949.14	-0.042	12.00		949.64	10.00	-0.028	949.36	120+50.00
	948.04	-0.041	10.00				948.68	-0.041	12.00	949.17	-0.038	12.00	949.62	-0.042	12.00		950.12	10.00	-0.028	949.84	120+75.00
	948.56	-0.042	10.00				949.14	-0.042	12.00	949.64	-0.038	12.00	950.10	-0.042	12.00		950.60	10.00	-0.028	950.32	121+00.00
	949.04	-0.042	10.00				949.61	-0.042	12.00	950.12	-0.038	12.00	950.58	-0.042	12.00		951.08	10.00	-0.028	950.80	121+25.00
	949.53	-0.042	10.00				950.08	-0.042	12.00	950.59	-0.038	12.00	951.05	-0.042	12.00		951.55	10.00	-0.028	951.27	121+50.00
	949.98	-0.042	10.00				950.57	-0.042	12.00	951.08	-0.038	12.00	951.54	-0.042	12.00		952.04	10.00	-0.028	951.76	121+75.00
	950.44	-0.042	10.00				951.02	-0.042	12.00	951.53	-0.039	12.00	952.00	-0.042	12.00		952.50	10.00	-0.028	952.22	122+00.00
	950.89	-0.043	10.00				951.47	-0.043	12.00	951.99	-0.039	12.00	952.46	-0.042	12.00		952.96	10.00	-0.028	952.68	122+25.00
	951.31	-0.043	10.00				951.91	-0.043	12.00	952.43	-0.040	12.00	952.91	-0.042	12.00		953.41	10.00	-0.028	953.13	122+50.00
	951.76	-0.042	10.00				952.36	-0.042	12.00	952.87	-0.039	12.00	953.34	-0.042	12.00		953.85	10.00	-0.028	953.57	122+75.00
	952.20	-0.043	10.00				952.81	-0.043	12.00	953.32	-0.039	12.00	953.79	-0.042	12.00		954.29	10.00	-0.028	954.01	123+00.00
	952.70	-0.043	10.00				953.25	-0.043	12.00	953.77	-0.038	12.00	954.23	-0.042	12.00		954.73	10.00	-0.028	954.45	123+25.00
	953.20	-0.041	10.00				953.72	-0.041	12.00	954.21	-0.037	12.00	954.66	-0.042	12.00		955.16	10.00	-0.028	954.88	123+50.00
	953.62	-0.040	10.00				954.14	-0.040	12.00	954.62	-0.038	12.00	955.08	-0.042	12.00		955.58	10.00	-0.028	955.30	123+75.00
	953.99	-0.041	10.00				954.50	-0.041	12.00	954.99	-0.038	12.00	955.44	-0.042	12.00		955.94	10.00	-0.028	955.66	124+00.00
	954.35	-0.042	10.00				954.90	-0.042	12.00	955.40	-0.036	12.00	955.83	-0.042	12.00		956.33	10.00	-0.028	956.05	124+25.00
	954.75	-0.043	10.00				955.27	-0.043	12.00	955.79	-0.037	12.00	956.23	-0.042	12.00		956.73	10.00	-0.028	956.45	124+50.00
	955.10	-0.042	10.00				955.69	-0.042	12.00	956.19	-0.036	12.00	956.62	-0.042	12.00		957.12	10.00	-0.028	956.84	124+75.00
							956.07	-0.045	12.00	956.61	-0.036	12.00	957.04	-0.042	12.00		957.54	10.00	-0.028	957.26	125+00.00
							956.48	-0.044	12.00	957.01	-0.036	12.00	957.44	-0.042	12.00		957.94	10.00	-0.028	957.66	125+25.00
							956.92	-0.046	12.00	957.47	-0.032	12.00	957.86	-0.042	12.00		958.36	10.00	-0.028	958.08	125+50.00
							957.37	-0.042	12.00	957.88	-0.032	12.00	958.26	-0.042	12.00		958.76	10.00	-0.028	958.48	125+75.00
							957.79	-0.039	12.00	958.26	-0.030	12.00	958.62	-0.042	12.00		959.12	10.00	-0.028	958.84	126+00.00
							958.19	-0.041	12.00	958.68	-0.029	12.00	959.03	-0.042	12.00		959.53	10.00	-0.028	959.25	126+25.00
							958.61	-0.041	12.00	959.10	-0.032	12.00	959.49	-0.042	12.00		959.98	10.00	-0.028	959.70	126+50.00
							959.03	-0.039	12.00	959.50	-0.032	12.00	959.88	-0.042	12.00		960.38	10.00	-0.028	960.10	126+75.00
							959.46	-0.040	12.00	959.94	-0.028	12.00	960.28	-0.042	12.00		960.78	10.00	-0.028	960.50	127+00.00
							959.87	-0.038	12.00	960.33	-0.028	12.00	960.67	-0.042	12.00		961.17	10.00	-0.028	960.89	127+25.00
							960.28	-0.038	12.00	960.74	-0.029	12.00	961.09	-0.042	12.00		961.59	10.00	-0.028	961.31	127+50.00
							960.69	-0.037	12.00	961.14	-0.029	12.00	961.49	-0.042	12.00		961.99	10.00	-0.028	961.71	127+75.00
							961.10	-0.037	12.00	961.55	-0.033	12.00	961.95	-0.042	12.00		962.45	10.00	-0.028	962.17	128+00.00
							961.52	-0.038	12.00	961.97	-0.034	12.00	962.38	-0.042	12.00		962.88	10.00	-0.028	962.60	128+25.00
	960.89	-0.045	8.00	961.25	-0.045	15.50	961.95	-0.037	12.00	962.40	-0.034	12.00	962.81	-0.042	12.00		963.30	10.00	-0.028	963.02	128+50.00
	961.34	-0.045	8.00	961.70	-0.045	14.70	962.36	-0.037	12.00	962.81	-0.034	12.00	963.22	-0.042	12.00		963.72	10.00	-0.028	963.44	128+75.00
	961.78	-0.045	8.00	962.14	-0.045	14.00	962.77	-0.038	12.00	963.22	-0.034	12.00	963.63	-0.042	12.00		961.13	10.00	-0.028	960.85	129+00.00
	962.22	-0.045	8.00	962.58	-0.045	13.40	963.18	-0.039	12.00	963.65	-0.033	12.00	964.05	-0.042	12.00		964.55	10.00	-0.028	964.27	129+25.00
	962.65	-0.045	8.00	963.01	-0.045	12.91	963.59	-0.040	12.00	964.07	-0.034	12.00	964.48	-0.042	12.00		964.98	10.00	-0.028	964.70	129+50.00
	963.09	-0.045	8.00	963.45	-0.045	12.53	964.01	-0.041	12.00	964.50	-0.035	12.00	964.92	-0.042	12.00		965.42	10.00	-0.028	965.14	129+75.00
	963.45	-0.045	8.00	963.81	-0.045	12.25	964.36	-0.042	12.00	964.86	-0.033	12.00	965.26	-0.042	12.00		965.76	10.00	-0.028	965.48	130+00.00
	963.87	-0.045	8.00	964.23	-0.045	12.07	964.77	-0.042	12.00	965.27	-0.217	12.00	962.67	-0.042	12.00		966.17	10.00	-0.028	965.89	130+25.00
	964.28	-0.045	8.00	964.64	-0.045	12.00	965.18	-0.041	12.00	965.67	-0.032	12.00	966.05	-0.042	12.00		966.55	10.00	-0.028	966.27	130+50.00
	964.77	-0.042	8.00	965.10	-0.042	12.00	965.60	-0.042	12.00	966.11	-0.028	12.00	966.45	-0.042	12.00		966.95	10.00	-0.028	966.67	130+75.00
	965.13	-0.042	8.00	965.46	-0.042	12.00	965.96	-0.043	12.00	966.48	-0.034	12.00	966.89	-0.042	12.00		967.39	10.00	-0.028	967.11	131+00.00
	965.56	-0.042	8.00	965.89	-0.042	12.00	966.39	-0.042	12.00	966.89	-0.031	12.00	967.26	-0.042	12.00		967.76	10.00	-0.028	967.48	131+25.00
	965.99	-0.042	8.00	966.32	-0.042	12.00	966.82	-0.042	12.00	967.33	-0.032	12.00	967.71	-0.042	12.00		968.21	10.00	-0.028	967.93	131+50.00
	966.40	-0.042	8.00	966.73	-0.042	12.00	967.23	-0.043	12.00	967.75	-0.034	12.00	968.16	-0.042	12.00		968.66	10.00	-0.028	968.38	131+75.00
	966.86	-0.042	8.00	967.19	-0.042	12.00	967.69	-0.042	12.00	968.20	-0.029	12.00	968.55	-0.042	12.00		969.05	10.00	-0.028	968.77	132+00.00
	967.28	-0.042	8.00	967.61	-0.042	12.00	968.11	-0.043	12.00	968.63	-0.028	12.00	968.97	-0.042	12.00		969.47	10.00	-0.028	969.19	132+25.00
	967.72	-0.042	8.00	968.05	-0.042	12.00	968.55	-0.045	12.00	969.09	-0.027	12.00	969.41	-0.042	12.00		969.91	10.00	-0.028	969.63	132+50.00
	968.08	-0.042	8.00	968.41	-0.042	12.00	968.91	-0.048	12.00	969.48	-0.030	12.00	969.84	-0.042	12.00		970.34	10.00	-0.028	970.06	132+75.00
	968.48	-0.042	8.00	968.81	-0.042	12.00	969.31	-0.048	12.00	969.88	-0.029	12.00	970.23	-0.042	12.00		970.73	10.00	-0.028	970.45	133+00.00
	968.90	-0.042	8.00	969.23	-0.042	12.00	969.73	-0.044	12.00	970.26	-0.031	12.00	970.63	-0.042	12.00		971.13	10.00	-0.028	970.85	133+25.00
	969.35	-0.042	8.00	969.68	-0.042	12.00	970.18	-0.042	12.00	970.68	-0.033	12.00	971.07	-0.042	12.00		971.57	10.00	-0.028	971.29	133+50.00
	969.73	-0.042	8.00	970.06	-0.042	12.00	970.56	-0.043	12.00	971.07	-0.037	12.00	971.51	-0.042	12.00		972.01	10.00	-0.028	971.73	133+75.00
	970.15	-0.042	8.00	970.48	-0.042	12.00	970.98	-0.041	12.00	971.47	-0.040	12.00	971.95	-0.042	12.00		972.45	10.00	-0.028	972.17	134+00.00
	970.51	-0.042	8.00	970.84	-0.042	12.00	971.34	-0.044	12.00	971.87	-0.038	12.00	972.32	-0.042	12.00		972.82	10.00	-0.028	972.54	134+25.00
	970.92	-0.042	8.00	971.25	-0.042	12.00	971.75	-0.047	12.00	972.31	-0.036	12.00	972.74	-0.042	12.00		973.24	10.00	-0.028	972.96	134+50.00
	971.32	-0.042	8.00	971.65	-0.042	12.00	972.15	-0.046	12.00	972.70	-0.040	12.00	973.18	-0.042	12.00		973.67	10.00	-0.028	973.39	134+75.00
	971.73	-0.042	8.00	972.06	-0.042	12.00	972.56	-0.046	12.00	973.11	-0.040	12.00	973.59	-0.042	12.00		974.09	10.00	-0.028	973.81	135+00.00
	972.16	-0.042	8.00	972.49	-0.042	12.00	972.99	-0.044	12.00	973.52	-0.040	12.00	974.00	-0.042	12.00		974.50	10.00	-0.028	974.22	135+25.00
	972.51	-0.042	8.00	972.84	-0.042	12.00	973.34	-0.044	12.00	973.87	-0.042	12.00	974.37	-0.042	12.00		974.87	10.00	-0.028	974.59	135+50.00
	972.89	-0.042	8.00	973.22	-0.042	12.00	973.72	-0.043	12.00	974.24	-0.040	12.00	974.72	-0.042	12.00		975.22	10.00	-0.028	974.94	135+75.00
	973.26	-0.042	8.00	973.59	-0.042	12.00	974.09	-0.042	12.00	974.60	-0.041	12.00	975.09	-0.042	12.00		975.59	10.00	-0.028	975.31	136+00.00
	973.73	-0.041	8.50	974.08	-0.041	9.00	974.45	-0.043	12.00	974.97	-0.041	12.00	975.46	-0.042	12.00		975.96	10.00	-0.028	975.68	136+25.00
	974.21	-0.042	9.00	974.58	-0.042	6.00	974.83	-0.042	12.00	975.33	-0.038	12.00	975.79	-0.042	12.00		976.29	10.00	-0.028	976.01	136+50.00
END FS	974.72	-0.041	9.50	975.11	-0.041	3.00	975.23	-0.039	12.00	975.70	-0.034	12.00	976.11	-0.042	12.00	250:1	976.61	10.00	-0.028	976.33	136+75.00
	975.24	-0.040	10.00				975.64	-0.038	12.00	976.09	-0.030	12.00	976.45	-0.038	12.00	250:1	976.90	10.00	-0.320	973.70	137+00.00
	976.45	-0.040	10.00				976.05	-0.035	12.00	976.47	-0.026	12.00	976.78	-0.033	12.00	250:1	977.18	10.00	-0.040	977.58	137+25.00
	976.86	-0.040	10.00				976.46	-0.031	12.00	976.83	-0.020	12.00	977.07	-0.029	12.00	250:1	977.41	10.00	-0.040	977.81	137+50.00
	977.25	-0.040	10.00				976.85	-0.027	12.00	977.18	-0.014	12.00	977.35	-0.025	12.00	250:1	977.64	10.00	-0.040	978.04	137+75.00
PT	977.40	-0.040	10.00				977.00	-0.027	12.00	977.32	-0.011	12.00	977.46	-0.023	12.00	250:1	977.73	10.00	-0.040	978.13	137+85.08
	977.62	-0.040	10.00				977.22	-0.026	12.00	977.53	-0.008	12.00	977.62	-0.020	12.00	250:1	977.87	10.00	-0.040	978.27	138+00.00
	977.93	-0.040	10.00				977.53	-0.028	12.00	977.87	-0.003	12.00	977.91	-0.016	12.00	250:1	978.10	10.00	-0.040	978.50	138+25.00
	978.30	-0.040	10.00				977.90	-0.023	12.00	978.18	-0.000	12.00	978.18	-0.011	12.00	250:1	978.30	10.00	-0.040	978.70	138+50.00
	978.65	-0.040	10.00				978.25	-0.020	12.00	978.49	-0.003	12.00	978.45	-0.005	12.00	250:1	978.51	10.00	-0.040	978.91	138+75.00
	978.99	-0.040	10.00				978.59	-0.018	12.00	978.81	-0.007	12.00	978.73	0.000	12.00	250:1	978.73	10.00	-0.040	979.13	139+00.00
	979.31	-0.040	10.00				978.91	-0.018	12.00	979.12	-0.012	12.00	978.98	0.005	12.00	250:1	978.92	10.00	-0.040	979.32	139+25.00
	979.63	-0.040	10.00				979.23	-0.016	12.00	979.42	-0.014	12.00	979.25	0.011	12.00	250:1	979.12	10.00	-0.040	979.52	139+50.00
	979.92	-0.040	10.00				979.52	-0.016	12.00	979.71	-0.016	12.00	979.52	0.016	12.00	250:1	979.33	10.00	-0.040	979.73	139+75.00

SEE RAMP TERMINAL DETAIL

FOR EASTBOUND LANES, SEE SHEET P.1005

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1004 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 3 - IR 70 2 WB PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:29 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

IR 70 SUPERELEVATION TRANSITION TABLE

PI STA. 126+83.38 Dc = 1° 00' 00"

EASTBOUND LANES

STATION	INSIDE SHOULDER			EDGE OF PAVEMENT (PGL)	INSIDE LANE			MIDDLE LANE			OUTSIDE LANE				AUX LANE			OUTSIDE SHOULDER			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH		LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	LANE LINE ELEVATION	LANE WIDTH	LANE CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	LANE WIDTH	LANE CROSS SLOPE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
113+50.00	934.52	-0.055	10.00	935.07	12.00	0.036	935.50	12.00	-0.016	935.31	12.00	-0.016	250:1	935.12				8.00	-0.040	934.80	NC
113+75.00	935.01	-0.057	10.00	935.58	12.00	0.033	935.98	12.00	-0.012	935.83	12.00	-0.015	250:1	935.65				8.00	-0.040	935.33	
114+00.00	935.57	-0.052	10.00	936.09	12.00	0.024	936.38	12.00	-0.005	936.33	12.00	-0.012	250:1	936.19				8.00	-0.040	935.87	
114+25.00	936.07	-0.052	10.00	936.59	12.00	0.016	936.78	12.00	0.004	936.82	12.00	-0.007	250:1	936.74				8.00	-0.040	936.42	
114+50.00	936.53	-0.049	10.00	937.02	12.00	0.017	937.23	12.00	0.009	937.34	12.00	-0.003	250:1	937.30				8.00	-0.040	936.98	
114+75.00	936.96	-0.050	10.00	937.46	12.00	0.018	937.68	12.00	0.014	937.85	12.00	0.002	250:1	937.87				8.00	-0.040	937.55	
115+00.00	937.46	-0.047	10.00	937.93	12.00	0.016	938.12	12.00	0.017	938.33	12.00	0.008	250:1	938.43				8.00	-0.040	938.11	
115+25.00	937.99	-0.044	10.00	938.43	12.00	0.018	938.65	12.00	0.019	938.87	12.00	0.009	250:1	938.98				8.00	-0.040	938.66	RC
115+50.00	938.46	-0.046	10.00	938.92	12.00	0.023	939.19	12.00	0.019	939.43	12.00	0.013	250:1	939.58				8.00	-0.040	939.26	
155+53.01	938.51	-0.047	10.00	938.98	12.00	0.023	939.26	12.00	0.019	939.49	12.00	0.013	250:1	939.64				8.00	-0.040	939.32	PC
115+75.00	938.85	-0.051	10.00	939.36	12.00	0.027	939.68	12.00	0.023	939.96	12.00	0.016	250:1	940.16				8.00	-0.040	939.84	
116+00.00	939.25	-0.057	10.00	939.82	12.00	0.030	940.17	12.00	0.028	940.51	12.00	0.019	250:1	940.74				8.00	-0.040	940.42	
116+25.00	939.69	-0.058	10.00	940.27	12.00	0.035	940.69	12.00	0.031	941.06	12.00	0.022	250:1	941.32				8.00	-0.040	941.00	
116+50.00	940.18	-0.057	10.00	940.75	12.00	0.038	941.20	12.00	0.032	941.59	12.00	0.026	250:1	941.90				8.00	-0.040	941.58	
116+75.00	940.69	-0.056	10.00	941.25	12.00	0.039	941.72	12.00	0.034	942.13	12.00	0.035	250:1	942.48				8.00	-0.040	942.16	BEGIN FS
117+00.00	941.18	-0.056	10.00	941.74	12.00	0.039	942.21	12.00	0.039	942.68	12.00	0.042		943.02				8.00	-0.040	942.70	
117+25.00	941.66	-0.056	10.00	942.22	12.00	0.042	942.72	12.00	0.038	943.18	12.00	0.042		943.51				8.00	-0.040	943.19	
117+50.00	942.18	-0.055	10.00	942.73	12.00	0.042	943.23	12.00	0.038	943.69	12.00	0.042		944.01				8.00	-0.040	943.69	
117+75.00	942.69	-0.057	10.00	943.26	12.00	0.038	943.72	12.00	0.037	944.16	12.00	0.042		944.54				8.00	-0.038	944.24	
118+00.00	943.16	-0.061	10.00	943.77	12.00	0.038	944.22	12.00	0.037	944.67	12.00	0.042		945.07				8.00	-0.037	944.77	
118+25.00	943.67	-0.059	10.00	944.26	12.00	0.039	944.73	12.00	0.037	945.17	12.00	0.042		945.59				8.00	-0.035	945.31	
118+50.00	944.18	-0.054	10.00	944.72	12.00	0.042	945.22	12.00	0.038	945.68	12.00	0.042		946.09				8.00	-0.036	945.80	
118+75.00	944.66	-0.054	10.00	945.20	12.00	0.044	945.73	12.00	0.037	946.18	12.00	0.042		946.60				8.50	-0.035	946.30	
119+00.00	945.16	-0.056	10.00	945.72	12.00	0.042	946.22	12.00	0.038	946.68	12.00	0.042		947.09				9.00	-0.036	946.77	
119+25.00	945.67	-0.054	10.00	946.21	12.00	0.042	946.72	12.00	0.038	947.18	12.00	0.042		947.59				9.50	-0.036	947.25	
119+50.00	946.20	-0.050	10.00	946.70	12.00	0.043	947.22	12.00	0.038	947.68	12.00	0.042		948.09				10.00	-0.036	947.73	
119+75.00	946.68	-0.050	10.00	947.18	12.00	0.043	947.70	12.00	0.040	948.18	12.00	0.042		948.59				10.00	-0.036	948.23	
120+00.00	947.15	-0.050	10.00	947.65	12.00	0.043	948.17	12.00	0.040	948.65	12.00	0.042		949.07				10.00	-0.035	948.72	
120+25.00	947.62	-0.052	10.00	948.14	12.00	0.043	948.66	12.00	0.042	949.16	12.00	0.042		949.58				10.00	-0.035	949.23	
120+50.00	948.07	-0.056	10.00	948.63	12.00	0.042	949.14	12.00	0.042	949.65	12.00	0.042		950.09							
120+75.00	948.56	-0.055	10.00	949.11	12.00	0.044	949.64	12.00	0.042	950.15	12.00	0.042		950.58							
121+00.00	949.06	-0.054	10.00	949.60	12.00	0.043	950.12	12.00	0.042	950.62	12.00	0.042		951.03							
121+25.00	949.53	-0.053	10.00	950.06	12.00	0.044	950.59	12.00	0.040	951.07	12.00	0.042		951.48							
121+50.00	950.01	-0.054	10.00	950.55	12.00	0.041	951.04	12.00	0.041	951.53	12.00	0.042		951.92							
121+75.00	950.49	-0.053	10.00	951.02	12.00	0.042	951.52	12.00	0.039	951.99	12.00	0.042		952.37							
122+00.00	950.95	-0.053	10.00	951.48	12.00	0.041	951.97	12.00	0.041	952.46	12.00	0.042		952.85							
122+25.00	951.35	-0.056	10.00	951.91	12.00	0.041	952.40	12.00	0.042	952.90	12.00	0.042		953.31							
122+50.00	951.79	-0.053	10.00	952.32	12.00	0.042	952.83	12.00	0.040	953.31	12.00	0.042		953.72							
122+75.00	952.25	-0.052	10.00	952.77	12.00	0.044	953.30	12.00	0.038	953.76	12.00	0.042		954.17							
123+00.00	952.81	-0.042	10.00	953.23	12.00	0.042	953.73	12.00	0.038	954.19	12.00	0.042		954.61							
123+25.00	953.25	-0.042	10.00	953.67	12.00	0.042	954.17	12.00	0.038	954.63	12.00	0.042		955.05							
123+50.00	953.67	-0.042	10.00	954.09	12.00	0.042	954.59	12.00	0.039	955.06	12.00	0.042		955.48							
123+75.00	954.07	-0.042	10.00	954.49	12.00	0.042	954.99	12.00	0.039	955.46	12.00	0.042		955.90							
124+00.00	954.48	-0.042	10.00	954.90	12.00	0.042	955.40	12.00	0.040	955.88	12.00	0.042		956.33							
124+25.00	954.87	-0.042	10.00	955.29	12.00	0.042	955.79	12.00	0.042	956.30	12.00	0.042		956.76							
124+50.00	955.27	-0.042	10.00	955.69	12.00	0.042	956.20	12.00	0.042	956.71	12.00	0.042		957.20							
124+75.00	955.68	-0.042	10.00	956.10	12.00	0.042	956.60	12.00	0.043	957.12	12.00	0.042		957.61							
125+00.00	956.10	-0.042	10.00	956.52	12.00	0.042	957.03	12.00	0.041	957.52	12.00	0.042		958.01				8.00	-0.029	957.78	
125+25.00	956.52	-0.042	10.00	956.94	12.00	0.042	957.44	12.00	0.041	957.93	12.00	0.042		958.41				8.00	-0.030	958.17	
125+50.00	956.95	-0.042	10.00	957.37	12.00	0.042	957.87	12.00	0.041	958.36	12.00	0.042		958.82				8.00	-0.032	958.56	
125+75.00	957.39	-0.042	10.00	957.81	12.00	0.042	958.31	12.00	0.039	958.78	12.00	0.042		959.23				8.00	-0.032	958.97	
126+00.00	957.81	-0.042	10.00	958.23	12.00	0.042	958.73	12.00	0.038	959.19	12.00	0.042		959.61	16.00	0.042	960.38	8.00	-0.022	960.20	
126+25.00	958.23	-0.042	10.00	958.65	12.00	0.042	959.15	12.00	0.038	959.60	12.00	0.042		960.02	16.00	0.042	960.77	8.00			
126+50.00	958.65	-0.042	10.00	959.07	12.00	0.042	959.57	12.00	0.037	960.02	12.00	0.042		960.45	16.00	0.042	961.17	8.00			
126+75.00	959.08	-0.042	10.00	959.50	12.00	0.042	960.00	12.00	0.038	960.45	12.00	0.042		960.88	16.00	0.042	961.58	8.00			
127+00.00	959.48	-0.042	10.00	959.90	12.00	0.042	960.40	12.00	0.038	960.86	12.00	0.042		961.29	16.00	0.042	961.97	8.00			
127+25.00	959.87	-0.042	10.00	960.29	12.00	0.042	960.79	12.00	0.038	961.25	12.00	0.042		961.67	15.78	0.042	962.33	8.00			
127+50.00	960.28	-0.042	10.00	960.70	12.00	0.042	961.20	12.00	0.037	961.65	12.00	0.042		962.08	15.29	0.042	962.72	8.00			
127+75.00	960.69	-0.042	10.00	961.11	12.00	0.042	961.61	12.00	0.037	962.06	12.00	0.042		962.50	17.79	0.042	963.12	8.00			
128+00.00	961.10	-0.042	10.00	961.52	12.00	0.042	962.02	12.00	0.038	962.48	12.00	0.042		962.94	14.29	0.042	963.53	8.00			
128+25.00	961.53	-0.042	10.00	961.95	12.00	0.042	962.45	12.00	0.038	962.91	12.00	0.042		963.37	13.78	0.042	963.94	8.00			
128+50.00	961.94	-0.042	10.00	962.36	12.00	0.042	962.86	12.00	0.038	963.32	12.00	0.042		963.78	13.28	0.042	964.33	8.00			
128+75.00	962.34	-0.042	10.00	962.76	12.00	0.042	963.27	12.00	0.038	963.72	12.00	0.042		964.18	12.78	0.042	964.72	8.00			
129+00.00	962.74	-0.042	10.00	963.16	12.00	0.042	963.66	12.00	0.039	964.13	12.00	0.042		964.59	12.28	0.042	965.10	8.00			
129+25.00	963.11	-0.042	10.00	963.53	12.00	0.042	964.04	12.00	0.040	964.52	12.00	0.042		965.00	11.78	0.042	965.49	8.00			
129+50.00	963.51	-0.042	10.00	963.93	12.00	0.042	964.43	12.00	0.040	964.91	12.00	0.042		965.41	11.27	0.042	965.88	8.00			
129+75.00	963.90	-0.042	10.00	964.32	12.00	0.042	964.82	12.00	0.042	965.32	12.00	0.041		965.81	10.67	0.042	966.26	8.00			
130+00.00	964.26	-0.042	10.00	964.68	12.00	0.042	965.18	12.00	0.043	965.70	12.00	0.042		966.21	10.26	0.042	966.64	8.00			
130+25.00	964.65	-0.042	10.00	965.07	12.00	0.042	965.57	12.00	0.042	966.07	12.00	0.042		966.56	9.76	0.042	966.97	8.00			
130+50.00	965.06	-0.042	10.00	965.48	12.00	0.042	965.98	12.00	0.042	966.48	12.00	0.042		966.97	9.26	0.042	967.35	8.00			
130+75.00	965.47	-0.042	10.00	965.89	12.00	0.042	966.39	12.00	0.042	966.90	12.00	0.042		967.39	8.75	0.042	967.75	8.00			
131+00.00	965.89	-0.042	10.00	966.31	12.00	0.043	966.82	12.00	0.041	967.31	12.00	0.042		967.77	8.25	0.042	968.11	8.00			
131+25.00	966.32	-0.042	10.00	966.74	12.00	0.042	967.24	12.00	0.041	967.73	12.00	0.042		968.19	7.75	0.042	968.51	8.00			
131+50.00	966.80	-0.042	10.00	967.22	12.00	0.042	967.72	12.00	0.038	968.18	12.00	0.042		968.62	7.25	0.042	968.92	8.00			
131+75.00	967.26	-0.043	10.00	967.68	12.00	0.043	968.19	12.00	0.038	968.65	12.00	0.042		969.07	6.74	0.042	969.35	8.00			
132+00.00	967.75	-0.042	10.00	968.17	12.00	0.042	968.68	12.00	0.034	969.09	12.00	0.042		969.51	6.24	0.042	969.77	8.00			
132+25.00	968.17	-0.042	10.00	968.59	12.00	0.042	969.09	12.00	0.035	969.51	12.00	0.042		969.93	5.74	0.042	970.16	8.00			
132+50.00	968.55	-0.042	10.00	968.97	12.00	0.042	969.48	12.00	0.038	969.94	12.00	0.042		970.36	5.23	0.042	970.58	8.00			
132+75.00	968.95	-0.042	10.00	969.37	12.00	0.042	969.87	12.00	0.038	970.33	12.00	0.042		970.76	4.73	0.042	970.95	8.00			
133+00.00	969.34	-0.042	10.00	969.76	12.00	0.042	970.27	12.00	0.036	970.70	12.00	0.042		971.12	4.23	0.042	971.30	8.00			
133+25.00	969.76	-0.042	10.00	970.18	12.00	0.042	970.68	12.00	0.036	971.11	12.00	0.042		971.53	3.72	0.042	971.68	8.00			
133+50.00	970.18	-0.042	10.00	970.60	12.00	0.042	971.10	12.00	0.036	971.53	12.00	0.042		971.96	3.22	0.042	972.09	8.00			
133+75.00	970.59	-0.042	10.00	971.01	12.00	0.042	971.51	12.00	0.035	971.93	12.00	0.042		972.37	2.72	0.042	972.49	8.00			
134+00.00	970.97	-0.042	10.00	971.39	12.00	0.042	971.89	12.00	0.037	972.33	12.00	0.042		972.80	2.21	0.042	972.89	8.00			
134+25.00	971.33	-0.042	10.00	971.75	12.00	0.042	972.26	12.00	0.039	972.73	12.00	0.042		973.20	1.71	0.042	973.27	8.29			
134+50.00	971.76	-0.042	10.00	972.18	12.00	0.042	972.68	12.00	0.039	973.15	12.00	0.042		973.63	1.21	0.042	973.68	8.80			
134+75.00	972.19	-0.042	10.00	972.61	12.00	0.042	973.11	12.00	0.037	973.56	12.00	0.042		974.05	0.71	0.042	974.08	9.33			
135+00.00	972.59	-0.042	10.00	973.01	12.00	0.042	973.51	12.00	0.038	973.97	12.00	0.042		974.45	0.21	0.042	974.45	9.82			
135+25.00	972.98	-0.042	10.00	973.40	12.00	0.042	973.91	12.00	0.039	974.38	12.00	0.042		974.83				10.00	-0.005	974.78	
135+50.00	973.35	-0.042	10.00	973.77	12.00	0.042	974.28	12.00	0.040	974.76	12.00	0.042		975.22				10.00	-0.004	975.18	
135+75.00	973.69	-0.042	10.00	974.11	12.00	0.042	974.62	12.00	0.040	975.10	12.00	0.042		975.53				10.00	-0.000	975.53	
136+00.00	974.05	-0.042	10.00	974.47	12.00	0.042	974.97	12.00	0.039	975.44	12.00	0.042		975.87				10.00	-0.000	975.87	
136+25.00	974.42	-0.042	10.00	974.84	12.00	0.042	975.34	12.00	0.037	975.78	12.00	0.042		976.20				10.00	0.001	976.21	
136+50.00	974.74	-0.042	10.00	975.16	12.00	0.042	975.66	12.00	0.037	976.10	12.00	0.042		976.53				10.00	0.002	976.55	
136+75.00	975.05	-0.042	10.00	975.47	12.00	0.042	975.97	12.00	0.038	976.42	12.00	0.035	250:1	976.84				10.00	0.006	976.90	END FS
137+00.00	975.44	-0.040	10.00	975.84	12.00	0.038	976.30	12.00	0.037	976.75	12.00	0.033	250:1	977.14				10.00	0.006	977.20	
137+25.00	975.85	-0.040	10.00	976.25	12.00	0.035	976.66	12.00	0.032	977.04	12.00	0.030	250:1	977.39				10.00	0.001	977.40	
137+50.00	976.21	-0.040	10.00	976.61	12.00	0.031	976.98	12.00	0.027	977.31	12.00	0.024	250:1	977.60				10.00	-0.005	977.55	
137+75.00	976.58	-0.040	10.00	976.98	12.00	0.027	977.30	12.00	0.023	977.58	12.00	0.018	250:1	977.79				10.00	-0.010	977.69	
137+85.08	976.70	-0.040	10.00	977.10	12.00	0.026	977.41	12.00	0.023	977.69	12.00	0.015	250:1	977.87				10.00	-0.011	977.76	PT
138+00.00	976.91	-0.040	10.00	977.31	12.00	0.023	977.59	12.00	0.022	977.85	12.00	0.013	250:1	978.01				10.00	-0.015	977.86	
138+25.00	977.21	-0.040	10.00	977.61	12.00	0.020	977.85	12.00	0.022	978.11	12.00	0.010	250:1	978.24				10.00	-0.021	978.03	
138+50.00	977.51	-0.040	10.00	977.91	12.00	0.016	978.11	12.00	0.022	978.37	12.00	0.006	250:1	978.43				10.00	-0.023	978.20	RC
138+75.00	977.79	-0.040	10.00	978.19	12.00	0.016	978.38	12.00	0.019	978.61	12.00	0.002	250:1	978.64				10.00	-0.025	978.39	
139+00.00	978.07	-0.040	10.00	978.47	12.00	0.016	978.66	12.00	0.018	978.87	12.00	-0.002	250:1	978.85				10.00	-0.027	978.58	
139+25.00	978.36	-0.040	10.00	978.76	12.00	0.016	978.95	12.00	0.016	979.14	12.00	-0.006	250:1	979.08				10.00	-0.031	978.77	
139+50.00	978.61	-0.040	10.00	979.01	12.00	0.016	979.21	12.00	0.017	979.42	12.00	-0.010	250:1	979.29				10.00	-0.031	978.98	
139+75.00	978.88	-0.040	10.00	979.28	12.00	0.016	979.48	12.00	0.016	979.66	12.00	-0.012	250:1	979.51				10.00	-0.032	979.19	NC

SEE RAMP TERMINAL DETAIL

FOR WESTBOUND LANES, SEE SHEET P.1004

SUPERELEVATION TABLE
IR 70

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1005 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 4 - IR 70 2 WB PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:31 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP A SUPERELEVATION TRANSITION TABLE

PI STA. 58+96.89 Dc = 7° 00' 00", PI STA. 62+96.52 Dc = 13° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	853.28	-0.056	10.00	853.84	185:1	-0.056	15.00	57+23.08	854.67	12.00	0.056	185:1	855.35	4.00	-0.014	855.30	BEGIN RAMP
	853.30	-0.056	10.00	853.86	185:1	-0.056	14.88	57+25.00	854.70	12.00	0.057	185:1	855.38	4.00	-0.013	855.33	
SC & BEGIN FS	853.36	-0.058	10.00	853.94	185:1	-0.058	15.00	57+32.92	854.81	12.00	0.058	185:1	855.51	4.00	-0.012	855.46	SC & BEGIN FS
	853.59	-0.058	10.00	854.17		-0.058	15.00	57+50.00	855.04	12.00	0.058		855.74	4.00	-0.012	855.69	
	853.89	-0.058	10.00	854.47		-0.058	15.00	57+75.00	855.34	12.00	0.058		856.03	4.00	-0.012	855.98	
	854.13	-0.058	10.00	854.71		-0.058	15.00	58+00.00	855.58	12.00	0.058		856.28	4.00	-0.012	856.23	
	854.33	-0.058	10.00	854.91		-0.058	15.00	58+25.00	855.78	12.00	0.058		856.48	4.00	-0.012	856.43	
	854.49	-0.058	10.00	855.07		-0.058	15.00	58+50.00	855.94	12.00	0.058		856.63	4.00	-0.012	856.58	
	854.59	-0.058	10.00	855.17		-0.058	15.00	58+75.00	856.04	12.00	0.058		856.74	4.00	-0.012	856.69	
	854.65	-0.058	10.00	855.23		-0.058	15.00	59+00.00	856.10	12.00	0.058		856.80	4.00	-0.012	856.75	
	854.66	-0.058	10.00	855.24		-0.058	15.00	59+25.00	856.11	12.00	0.058		856.81	4.00	-0.012	856.76	
	854.63	-0.058	10.00	855.21		-0.058	15.00	59+50.00	856.08	12.00	0.058		856.77	4.00	-0.012	856.73	
	854.55	-0.058	10.00	855.13		-0.058	15.00	59+75.00	856.00	12.00	0.058		856.69	4.00	-0.012	856.64	
END FS	854.49	-0.058	10.00	855.07	185:1	-0.058	15.00	59+86.69	855.94	12.00	0.058	185:1	856.64	4.00	-0.012	856.59	END FS
	854.54	-0.053	10.00	855.07	185:1	-0.053	14.97	60+00.00	855.87	12.00	0.053	185:1	856.50	4.00	-0.013	856.45	
	854.67	-0.042	10.00	855.09	185:1	-0.042	14.39	60+25.00	855.69	12.00	0.042	185:1	856.20	4.00	-0.024	856.10	
	854.63	-0.040	10.00	855.03	185:1	-0.032	13.80	60+50.00	855.47	12.00	0.032	185:1	855.85	4.00	-0.035	855.71	
PT	854.60	-0.040	10.00	855.00	185:1	-0.029	13.65	60+56.57	855.40	12.00	0.029	185:1	855.75	4.00	-0.038	855.60	PT
	854.51	-0.040	10.00	854.91	185:1	-0.022	13.22	60+75.00	855.20	12.00	0.022	185:1	855.46	4.00	-0.040	855.30	
	854.34	-0.040	10.00	854.74	185:1	-0.011	12.64	61+00.00	854.88	12.00	0.011	185:1	855.02	4.00	-0.040	854.86	
	854.13	-0.040	10.00	854.53	185:1	-0.001	12.06	61+25.00	854.54	12.00	0.001	185:1	854.56	4.00	-0.040	854.40	
LEVEL	854.11	-0.040	10.00	854.51	185:1	0.000	12.00	61+27.17	854.51	12.00	0.000	185:1	854.51	4.00	-0.040	854.35	LEVEL
	853.96	-0.040	10.00	854.36	143:1	0.013	12.00	61+50.00	854.20	13.73	-0.013	143:1	854.03	4.00	-0.040	853.87	
PC	853.85	-0.040	10.00	854.25	143:1	0.023	12.00	61+66.69	853.97	15.00	-0.023	143:1	853.63	4.00	-0.040	853.47	PC
	853.80	-0.040	10.00	854.20	143:1	0.028	12.00	61+75.00	853.86	15.63	-0.028	143:1	853.43	4.00	-0.040	853.27	
	853.78	-0.028	10.00	854.06	143:1	0.042	12.00	62+00.00	853.56	17.50	-0.042	143:1	852.82	4.00	-0.042	852.65	
	853.72	-0.028	10.00	854.00	143:1	0.057	12.00	62+25.00	853.31	17.50	-0.057	143:1	852.31	4.00	-0.057	852.09	
BEGIN FS	853.71	-0.028	10.00	853.99		0.058	12.00	62+27.51	853.29	17.50	-0.058		852.28	4.00	-0.058	852.04	BEGIN FS
	853.55	-0.028	10.00	853.83		0.058	12.00	62+50.00	853.13	17.50	-0.058		852.12	4.00	-0.058	851.89	
	853.43	-0.028	10.00	853.71		0.058	12.00	62+75.00	853.02	17.50	-0.058		852.00	4.00	-0.058	851.77	
	853.38	-0.028	10.00	853.66		0.058	12.00	63+00.00	852.96	17.50	-0.058		851.95	4.00	-0.058	851.72	
END FS	853.38	-0.028	10.00	853.66		0.058	12.00	63+00.44	852.96	17.50	-0.058		851.95	4.00	-0.058	851.71	END FS
	853.25	-0.028	10.00	853.53	143:1	0.046	12.00	63+25.00	852.98	17.50	-0.043	143:1	852.22	4.00	-0.043	852.05	
	853.18	-0.028	10.00	853.46	143:1	0.034	12.00	63+50.00	853.05	17.50	-0.031	143:1	852.51	4.00	-0.031	852.39	
	853.09	-0.036	10.00	853.45	143:1	0.026	12.00	63+67.33	853.14	18.00	-0.023	143:1	852.73	4.00	-0.040	852.57	
	853.06	-0.040	10.00	853.46	143:1	0.022	12.00	63+75.00	853.19	17.50	-0.019	143:1	852.86	4.00	-0.040	852.70	
	853.12	-0.040	10.00	853.52	143:1	0.010	12.00	64+00.00	853.40	17.50	-0.006	143:1	853.29	4.00	-0.040	853.13	
PT	853.21	-0.040	10.00	853.61	143:1	0.001	12.00	64+19.21	853.60	17.50	0.005	143:1	853.69	4.00	-0.040	853.53	PT
	853.24	-0.040	10.00	853.64	143:1	-0.002	12.00	64+25.00	853.66	17.50	-0.023	143:1	853.80	4.00	-0.040	853.64	
END RAMP	853.33	-0.040	10.00	853.73	143:1	-0.008	12.00	64+37.62	853.83	17.50	-0.023	143:1	853.80	4.00	-0.040	853.64	END RAMP
	853.28	-0.040	10.00	853.68	143:1	-0.014	12.00	64+50.00	853.85	17.50	-0.023	143:1	854.21	4.00	-0.040	854.05	

SUPERELEVATION TABLE
RAMP A

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1006 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 5 - Ramp A PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:34 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP B SUPERELEVATION TRANSITION TABLE

PI STA. 72+24.84 Dc = 1° 30' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	855.68	-0.040	6.00	855.92		0.003	8.00	65+15.87	855.90	17.00	-0.003		855.85	3.00	-0.040	855.73	
	855.82	-0.040	6.00	856.06		-0.001	8.00	65+25.00	856.07	16.00	0.001		856.08	3.00	-0.040	855.96	
	856.26	-0.040	6.00	856.50		-0.012	8.00	65+50.00	856.60	16.00	0.012		856.79	3.00	-0.040	856.67	
NC	856.44	-0.040	6.00	856.68	222:1	-0.016	8.00	65+59.08	856.81	16.00	0.016	222:1	857.07	3.00	-0.040	856.95	NC
	856.85	-0.040	6.00	857.09	222:1	-0.016	8.00	65+75.00	857.21	16.00	0.016	222:1	857.47	3.00	-0.040	857.35	
	857.55	-0.040	6.00	857.79	222:1	-0.016	8.00	66+00.00	857.92	16.00	0.016	222:1	858.18	3.00	-0.040	858.06	
	858.35	-0.040	6.00	858.59	222:1	-0.016	8.00	66+25.00	858.72	16.00	0.016	222:1	858.98	3.00	-0.040	858.86	
	859.24	-0.040	6.00	859.48	222:1	-0.016	8.00	66+50.00	859.61	16.00	0.016	222:1	859.86	3.00	-0.040	859.74	
NC	860.10	-0.040	6.00	860.34	222:1	-0.016	8.00	66+72.07	860.47	16.00	0.016	222:1	860.72	3.00	-0.040	860.60	NC
	860.21	-0.040	6.00	860.45	222:1	-0.017	8.00	66+75.00	860.58	16.00	0.017	222:1	860.86	3.00	-0.040	860.74	
	861.22	-0.040	6.00	861.46	222:1	-0.024	8.00	67+00.00	861.65	16.00	0.024	222:1	862.04	3.00	-0.040	861.92	
PC	862.17	-0.040	6.00	862.41	222:1	-0.030	8.00	67+21.80	862.65	16.00	0.030	222:1	863.13	3.00	-0.040	863.01	PC
	862.31	-0.040	6.00	862.55	222:1	-0.031	8.00	67+25.00	862.80	16.00	0.031	222:1	863.30	3.00	-0.039	863.18	
BEGIN FS	863.27	-0.040	6.00	863.51	222:1	-0.037	8.00	67+46.66	863.81	16.00	0.037	222:1	864.40	3.00	-0.033	864.30	BEGIN FS
	863.43	-0.040	6.00	863.67		-0.037	8.00	67+50.00	863.97	16.00	0.037		864.56	3.00	-0.033	864.46	
	864.59	-0.040	6.00	864.83		-0.037	8.00	67+75.00	865.13	16.00	0.037		865.72	3.00	-0.033	865.62	
	865.91	-0.040	6.00	866.15		-0.037	4.00	68+00.00	866.30	16.00	0.037		866.89	3.00	-0.033	866.79	
	867.22	-0.040	6.00	867.46		-0.037	0.00	68+25.00	867.46	16.00	0.037		868.05	3.00	-0.033	867.95	
	868.39	-0.040	6.00					68+50.00	868.63	16.00	0.037		869.22	3.00	-0.033	869.12	
	869.55	-0.040	6.00					68+75.00	869.79	16.00	0.037		870.38	3.00	-0.033	870.28	
	870.68	-0.040	6.00					69+00.00	870.92	16.00	0.037		871.51	3.00	-0.033	871.41	
	871.75	-0.040	6.00					69+25.00	871.99	16.00	0.037		872.58	3.00	-0.033	872.49	
	872.79	-0.040	6.00					69+50.00	873.03	16.00	0.037		873.62	3.00	-0.033	873.52	
	873.77	-0.040	6.00					69+75.00	874.01	16.00	0.037		874.60	3.00	-0.033	874.50	
	874.70	-0.040	6.00					70+00.00	874.94	16.00	0.037		875.53	3.00	-0.033	875.43	
	875.59	-0.040	6.00					70+25.00	875.83	16.00	0.037		876.42	3.00	-0.033	876.32	
	876.43	-0.040	6.00					70+50.00	876.67	16.00	0.037		877.26	3.00	-0.033	877.16	
	877.22	-0.040	6.00					70+75.00	877.46	16.00	0.037		878.05	3.00	-0.033	877.95	
	877.96	-0.040	6.00					71+00.00	878.20	16.00	0.037		878.79	3.00	-0.033	878.69	
	878.66	-0.040	6.00					71+25.00	878.90	16.00	0.037		879.49	3.00	-0.033	879.39	
	879.31	-0.040	6.00					71+50.00	879.55	16.00	0.037		880.14	3.00	-0.033	880.04	
	879.91	-0.040	6.00					71+75.00	880.15	16.00	0.037		880.74	3.00	-0.033	880.64	
	880.45	-0.040	6.20					72+00.00	880.70	16.00	0.037		881.29	3.00	-0.033	881.19	
	880.91	-0.040	7.20					72+25.00	881.20	16.00	0.037		881.79	3.00	-0.033	881.69	
	881.33	-0.040	8.20					72+50.00	881.66	16.00	0.037		882.25	3.00	-0.033	882.15	
	880.69	-0.040	9.20					72+75.00	881.06	16.00	0.037		881.65	3.00	-0.033	881.55	
END RAMP	881.96	-0.040	10.00					72+94.95	882.36	16.00	0.037		882.95	3.00	-0.033	882.85	END RAMP

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 6 - Ramp B PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:35 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

SUPERELEVATION TABLE
RAMP B

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1007 TOTAL P.2024

RAMP C SUPERELEVATION TRANSITION TABLE

PI STA. 66+12.97 Dc = 11° 59' 35", PI STA.73+06.71 Dc = 8° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	848.23	-0.040	3.00	848.35	161:1	0.012	16.00	62+00.00	848.16	6.00	-0.040	847.92	
	849.32	-0.040	3.00	849.44	161:1	0.002	16.00	62+25.00	849.41	6.00	-0.040	849.17	
LEVEL	849.60	-0.040	3.00	849.72	161:1	0.000	16.00	62+31.25	849.72	6.00	-0.040	849.48	LEVEL
	850.43	-0.040	3.00	850.55	161:1	-0.007	16.00	62+50.00	850.66	6.00	-0.040	850.42	
RC	851.40	-0.040	3.00	851.52	161:1	-0.016	16.00	62+72.47	851.78	6.00	-0.040	851.54	RC
	851.52	-0.040	3.00	851.64	161:1	-0.017	16.00	62+75.00	851.91	6.00	-0.040	851.67	
	852.61	-0.040	3.00	852.73	161:1	-0.027	16.00	63+00.00	853.16	6.00	-0.040	852.92	
	853.69	-0.040	3.00	853.81	161:1	-0.036	16.00	63+25.00	854.39	6.00	-0.034	854.19	
PC	853.86	-0.040	3.00	853.98	161:1	-0.038	16.00	63+29.14	854.59	6.00	-0.032	854.40	PC
	854.73	-0.046	3.00	854.86	161:1	-0.046	16.00	63+50.00	855.60	6.00	-0.024	855.46	
	855.71	-0.056	3.00	855.87	161:1	-0.056	16.00	63+75.00	856.77	6.00	-0.014	856.69	
BEGIN FS	855.84	-0.057	3.00	856.01	161:1	-0.057	16.00	63+78.08	856.92	6.00	-0.013	856.84	BEGIN FS
	856.84	-0.057	3.00	857.01		-0.057	16.00	64+00.00	857.92	6.00	-0.013	857.84	
	857.96	-0.057	3.00	858.13		-0.057	16.00	64+25.00	859.04	6.00	-0.013	858.96	
	859.05	-0.057	3.00	859.22		-0.057	16.00	64+50.00	860.13	6.00	-0.013	860.05	
	860.11	-0.057	3.00	860.28		-0.057	16.00	64+75.00	861.19	6.00	-0.013	861.11	
	861.15	-0.057	3.00	861.32		-0.057	16.00	65+00.00	862.23	6.00	-0.013	862.15	
	862.15	-0.057	3.00	862.32		-0.057	16.00	65+25.00	863.23	6.00	-0.013	863.15	
	863.12	-0.057	3.00	863.29		-0.057	16.00	65+50.00	864.20	6.00	-0.013	864.12	
	864.07	-0.057	3.00	864.24		-0.057	16.00	65+75.00	865.15	6.00	-0.013	865.07	
	864.98	-0.057	3.00	865.15		-0.057	16.00	66+00.00	866.06	6.00	-0.013	865.98	
	865.87	-0.057	3.00	866.04		-0.057	16.00	66+25.00	866.95	6.00	-0.013	866.87	
	866.73	-0.057	3.00	866.90		-0.057	16.00	66+50.00	867.81	6.00	-0.013	867.73	
	867.55	-0.057	3.00	867.72		-0.057	16.00	66+75.00	868.63	6.00	-0.013	868.55	
	868.35	-0.057	3.00	868.52		-0.057	16.00	67+00.00	869.43	6.00	-0.013	869.35	
	869.12	-0.057	3.00	869.29		-0.057	16.00	67+25.00	870.20	6.00	-0.013	870.12	
	869.87	-0.057	3.00	870.04		-0.057	16.00	67+50.00	870.95	6.00	-0.013	870.87	
	870.58	-0.057	3.00	870.75		-0.057	16.00	67+75.00	871.66	6.00	-0.013	871.58	
END FS	870.90	-0.057	3.00	871.07	161:1	-0.057	16.00	67+86.49	871.98	6.00	-0.013	871.90	END FS
	871.35	-0.052	3.00	871.51	161:1	-0.052	16.00	68+00.00	872.34	6.00	-0.018	872.23	
	872.19	-0.042	3.00	872.32	161:1	-0.042	16.00	68+25.00	872.99	6.00	-0.028	872.82	
PT	872.73	-0.036	3.00	872.83	161:1	-0.036	16.00	68+41.36	873.41	6.00	-0.034	873.21	PT
	872.99	-0.040	3.00	873.11	161:1	-0.032	16.00	68+50.00	873.62	6.00	-0.038	873.39	
	873.73	-0.040	3.00	873.85	161:1	-0.023	16.00	68+75.00	874.22	6.00	-0.040	873.98	
	874.45	-0.040	3.00	874.57	161:1	-0.013	16.00	69+00.00	874.78	6.00	-0.040	874.54	
	875.15	-0.040	3.00	875.27	161:1	-0.003	16.00	69+25.00	875.32	6.00	-0.040	875.08	
LEVEL	875.37	-0.040	3.00	875.49	185:1	0.000	16.00	69+33.32	875.49	6.00	-0.040	875.25	LEVEL
	875.81	-0.040	3.00	875.93	185:1	0.006	16.00	69+50.00	875.83	6.00	-0.040	875.59	
	876.41	-0.040	3.00	876.53	185:1	0.014	16.00	69+75.00	876.31	6.00	-0.040	876.07	
	877.01	-0.040	3.00	877.13	185:1	0.023	16.00	70+00.00	876.76	6.00	-0.040	876.52	
	877.56	-0.039	3.00	877.68	185:1	0.031	16.00	70+25.00	877.18	6.00	-0.040	876.94	
PC	877.98	-0.033	3.00	878.08	185:1	0.037	16.00	70+44.26	877.49	6.00	-0.040	877.25	PC
	878.10	-0.031	3.00	878.19	185:1	0.039	16.00	70+50.00	877.57	6.00	-0.040	877.33	
	878.64	-0.022	3.00	878.71	185:1	0.048	16.00	70+75.00	877.94	6.00	-0.048	877.65	
	879.12	-0.014	3.00	879.17	185:1	0.056	16.00	71+00.00	878.27	6.00	-0.056	877.93	
BEGIN FS	879.34	-0.010	3.00	879.37	185:1	0.060	16.00	71+10.92	878.41	6.00	-0.060	878.05	BEGIN FS
	879.52	-0.010	3.00	879.55		0.060	16.00	71+25.00	878.59	6.00	-0.060	878.23	
	879.84	-0.010	3.00	879.87		0.060	16.00	71+50.00	878.91	6.00	-0.060	878.55	
	880.16	-0.010	3.00	880.19		0.060	16.00	71+75.00	879.23	6.00	-0.060	878.87	
	880.48	-0.010	3.00	880.51		0.060	16.00	72+00.00	879.55	6.00	-0.060	879.19	
	880.80	-0.010	3.00	880.83		0.060	16.00	72+25.00	879.87	6.00	-0.060	879.51	
	881.12	-0.010	3.00	881.15		0.060	16.00	72+50.00	880.19	6.00	-0.060	879.83	
	881.44	-0.010	3.00	881.47		0.060	16.00	72+75.00	880.51	6.00	-0.060	880.15	
	881.76	-0.010	3.00	881.79		0.060	16.00	73+00.00	880.83	6.00	-0.060	880.47	
	882.08	-0.010	3.00	882.11		0.060	16.00	73+25.00	881.15	6.00	-0.060	880.79	
	882.40	-0.010	3.00	882.43		0.060	16.00	73+50.00	881.47	6.00	-0.060	881.11	
	882.72	-0.010	3.00	882.75		0.060	16.00	73+75.00	881.79	6.00	-0.060	881.43	
	883.04	-0.010	3.00	883.07		0.060	16.00	74+00.00	882.11	6.00	-0.060	881.75	
	883.35	-0.010	3.00	883.38		0.060	16.00	74+25.00	882.42	6.00	-0.060	882.06	
	883.64	-0.010	3.00	883.67		0.060	16.00	74+47.39	882.71	6.00	-0.060	882.35	
	883.67	-0.010	3.00	883.70		0.060	16.00	74+50.00	882.74	6.00	-0.060	882.38	
	883.99	-0.010	3.00	884.02		0.060	16.00	74+75.00	883.06	6.00	-0.060	882.70	
	884.31	-0.010	3.00	884.34		0.060	16.00	75+00.00	883.38	6.00	-0.060	883.02	
	884.63	-0.010	3.00	884.66		0.060	16.00	75+25.00	883.70	6.00	-0.060	883.34	
END RAMP	884.89	-0.010	3.00	884.92		0.060	16.00	75+45.07	883.96	6.00	-0.060	883.60	END RAMP

SUPERELEVATION TABLE
RAMP C

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1008 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 7 - Ramp C PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:37 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP D SUPERELEVATION TRANSITION TABLE

PI STA. 72+21.91 Dc = 24° 30' 00", PI STA. 75+35.07 Dc =13° 10' 46"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	873.92	-0.033	3.00	874.02	152:1	0.037	16.00	66+85.33	873.43	0.00				10.00	-0.040	873.03	BEGIN RAMP
	874.17	-0.031	3.00	874.26	152:1	0.039	16.00	67+00.00	873.64	0.00				9.41	-0.040	873.26	
	874.59	-0.028	3.00	874.67	152:1	0.042	16.00	67+25.00	874.00	0.00				8.46	-0.042	873.64	
	874.94	-0.026	3.00	875.01	152:1	0.044	16.00	67+50.00	874.31	0.00				7.51	-0.044	873.98	
	875.27	-0.023	3.00	875.34	152:1	0.047	16.00	67+75.00	874.59	0.00				6.55	-0.047	874.28	
	875.56	-0.020	3.00	875.62	152:1	0.050	16.00	68+00.00	874.82	0.00				6.00	-0.050	874.52	
	875.80	-0.017	3.00	875.85	152:1	0.053	16.00	68+25.00	875.00	0.00				6.00	-0.053	874.68	
	875.98	-0.014	3.00	876.03	152:1	0.056	16.00	68+50.00	875.13	0.00				6.00	-0.056	874.79	
	876.13	-0.011	3.00	876.16	152:1	0.059	16.00	68+75.00	875.22	0.00				6.00	-0.059	874.87	
SC & BEGIN FS	876.72	-0.010	3.00	876.75	152:1	0.060	16.00	68+85.33	875.79	0.00				6.00	-0.060	875.43	SC & BEGIN FS
	876.20	-0.010	3.00	876.23		0.060	16.00	69+00.00	875.27	0.00				6.00	-0.060	874.91	
	876.20	-0.010	3.00	876.23		0.060	16.00	69+25.00	875.27	0.00				6.00	-0.060	874.91	
	876.15	-0.010	3.00	876.18		0.060	16.00	69+50.00	875.22	0.00				6.00	-0.060	874.86	
	876.06	-0.010	3.00	876.09		0.060	16.00	69+75.00	875.13	0.00				6.00	-0.060	874.77	
	875.92	-0.010	3.00	875.95		0.060	16.00	70+00.00	874.99	0.00				6.00	-0.060	874.63	
	875.73	-0.010	3.00	875.76		0.060	16.00	70+25.00	874.80	0.00				6.00	-0.060	874.44	
	875.50	-0.010	3.00	875.53		0.060	16.00	70+50.00	874.57	0.00				6.00	-0.060	874.21	
	875.23	-0.010	3.00	875.26		0.060	16.00	70+75.00	874.30	0.00				6.00	-0.060	873.94	
	874.90	-0.010	3.00	874.93		0.060	16.00	71+00.00	873.97	0.00				6.00	-0.060	873.61	
	874.54	-0.010	3.00	874.57		0.060	16.00	71+25.00	873.61	0.00				6.00	-0.060	873.25	
	874.12	-0.010	3.00	874.15		0.060	16.00	71+50.00	873.19	0.00				6.00	-0.060	872.83	
	873.66	-0.010	3.00	873.69		0.060	16.00	71+75.00	872.73	0.00				6.00	-0.060	872.37	
	873.16	-0.010	3.00	873.19		0.060	16.00	72+00.00	872.23	0.00				6.00	-0.060	871.87	
	872.61	-0.010	3.00	872.64		0.060	16.00	72+25.00	871.68	0.00				6.00	-0.060	871.32	
	872.01	-0.010	3.00	872.04		0.060	16.00	72+50.00	871.08	0.00				6.00	-0.060	870.72	
	871.36	-0.010	4.00	871.40		0.060	16.00	72+75.00	870.44	4.00	-0.060		870.20	6.00	-0.060	869.84	
	870.67	-0.010	4.00	870.71		0.060	16.00	73+00.00	869.75	8.00	-0.060		869.27	6.00	-0.060	868.91	
	869.94	-0.010	4.00	869.98		0.060	16.00	73+25.00	869.02	8.00	-0.060		868.54	6.00	-0.060	868.18	
END FS	869.90	-0.010	4.00	869.94	152:1	0.060	16.00	73+26.28	868.98	8.00	-0.060	152:1	868.50	6.00	-0.060	868.14	END FS
PCC	869.54	-0.010	4.00	869.58	152:1	0.056	16.00	73+36.01	868.68	8.00	-0.056	152:1	868.23	6.00	-0.060	867.87	PCC
BEGIN FS	869.12	-0.018	4.00	869.20	152:1	0.051	16.00	73+45.74	868.38	8.00	-0.051	152:1	867.97	6.00	-0.051	867.67	BEGIN FS
	868.98	-0.018	4.00	869.06		0.051	16.00	73+50.00	868.24	8.00	-0.051		867.83	6.00	-0.051	867.53	
	868.16	-0.018	4.00	868.24		0.051	16.00	73+75.00	867.42	8.00	-0.051		867.01	6.00	-0.051	866.71	
	867.28	-0.018	4.00	867.36		0.051	16.00	74+00.00	866.54	8.00	-0.051		866.13	6.00	-0.051	865.83	
	866.37	-0.018	4.00	866.45		0.051	16.00	74+25.00	865.63	8.00	-0.051		865.22	6.00	-0.051	864.92	
	865.41	-0.018	4.00	865.49		0.051	16.00	74+50.00	864.67	8.00	-0.051		864.26	6.00	-0.051	863.96	
	864.40	-0.018	4.00	864.48		0.051	16.00	74+75.00	863.66	8.00	-0.051		863.25	6.00	-0.051	862.95	
	863.34	-0.018	4.00	863.42		0.051	16.00	75+00.00	862.60	8.00	-0.051		862.19	6.00	-0.051	861.89	
	862.25	-0.018	4.00	862.33		0.051	16.00	75+25.00	861.51	8.00	-0.051		861.10	6.00	-0.051	860.80	
	861.14	-0.018	4.00	861.22		0.051	16.00	75+50.00	860.40	8.00	-0.051		859.99	6.00	-0.051	859.69	
	860.04	-0.018	4.00	860.12		0.051	16.00	75+75.00	859.30	8.00	-0.051		858.89	6.00	-0.051	858.59	
	858.94	-0.018	4.00	859.02		0.051	16.00	76+00.00	858.20	8.00	-0.051		857.79	6.00	-0.051	857.49	
	857.83	-0.018	4.00	857.91		0.051	16.00	76+25.00	857.09	8.00	-0.051		856.68	6.00	-0.051	856.38	
	856.73	-0.018	4.00	856.81		0.051	16.00	76+50.00	855.99	8.00	-0.051		855.58	6.00	-0.051	855.28	
	855.62	-0.018	4.00	855.70		0.051	16.00	76+75.00	854.88	8.00	-0.051		854.47	6.00	-0.051	854.17	
END FS	855.40	-0.018	4.00	855.48	152:1	0.051	16.00	76+80.21	854.66	8.00	-0.051	152:1	854.25	6.00	-0.051	853.95	END FS
	854.36	-0.026	4.00	854.47	152:1	0.043	16.00	77+00.00	853.78	8.00	-0.043	152:1	853.44	6.00	-0.043	853.18	
PT	853.89	-0.026	4.00	853.99	152:1	0.039	16.00	77+09.36	853.37	8.00	-0.039	152:1	853.06	6.00	-0.039	852.82	PT
	853.06	-0.036	4.00	853.21	152:1	0.033	16.00	77+25.00	852.68	8.00	-0.033	152:1	852.42	6.00	-0.040	852.18	
	851.78	-0.040	4.00	851.94	152:1	0.023	16.00	77+50.00	851.57	8.00	-0.023	152:1	851.39	6.00	-0.040	851.15	
NC	850.89	-0.040	4.00	851.05	152:1	0.016	16.00	77+67.76	850.79	8.00	-0.016	152:1	850.66	6.00	-0.040	850.42	NC

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.1009 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00
MODEL: Sheet 8 - Ramp D PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:38 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP E SUPERELEVATION TRANSITION TABLE

PI STA. 61+59.47 Dc = 22° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
BEGIN RAMP	851.03	-0.040	4.00	851.19		0.021	24.00	55+93.50	850.69					10.00	-0.040	850.29	BEGIN RAMP
	851.16	-0.040	4.00	851.32		0.021	24.00	56+00.00	850.82					10.00	-0.040	850.42	
	851.67	-0.040	4.00	851.83		0.021	24.00	56+25.00	851.32					10.00	-0.040	850.92	
	852.17	-0.040	4.00	852.33		0.021	24.00	56+50.00	851.82					10.00	-0.040	851.42	
	852.67	-0.040	4.00	852.83		0.021	24.00	56+75.00	852.33					10.00	-0.040	851.93	
	853.15	-0.040	4.00	853.31		0.021	24.00	57+00.00	852.80					10.00	-0.040	852.40	
	853.64	-0.040	4.00	853.80		0.021	28.27	57+25.00	853.21					10.00	-0.040	852.81	
	854.11	-0.040	4.00	854.27		0.021	34.27	57+50.00	853.55					10.00	-0.040	853.15	
	854.42	-0.040	4.00	854.58		0.021	36.00	57+75.00	853.82					10.00	-0.040	853.42	
	854.63	-0.040	4.00	854.79		0.021	36.00	58+00.00	854.03					10.00	-0.040	853.63	
	854.76	-0.040	4.00	854.92		0.021	36.00	58+25.00	854.17					10.00	-0.040	853.77	
	854.83	-0.040	4.00	854.99		0.021	36.00	58+50.00	854.24					10.00	-0.040	853.84	
CS	854.84	-0.040	4.00	855.00		0.021	36.00	58+73.60	854.24					10.00	-0.040	853.84	CS
NC	854.84	-0.040	4.00	855.00	143:1	0.021	36.00	58+75.00	854.24	0.10	-0.021	143:1	854.24	10.00	-0.040	853.84	NC
	854.91	-0.040	4.00	855.07	143:1	0.025	36.00	59+00.00	854.17	1.78	-0.025	143:1	854.13	10.00	-0.040	853.73	
	854.92	-0.040	4.00	855.08	143:1	0.029	36.00	59+25.00	854.04	3.47	-0.029	143:1	853.94	10.00	-0.040	853.54	
	854.88	-0.037	4.00	855.03	143:1	0.033	36.00	59+50.00	853.84	5.16	-0.033	143:1	853.67	10.00	-0.040	853.27	
	854.77	-0.033	4.00	854.90	143:1	0.037	36.00	59+75.00	853.57	6.85	-0.037	143:1	853.31	10.00	-0.040	852.91	
	854.59	-0.029	4.00	854.71	143:1	0.041	36.00	60+00.00	853.23	8.53	-0.041	143:1	852.88	10.00	-0.041	852.47	
	854.31	-0.026	4.00	854.41	143:1	0.044	36.00	60+25.00	852.83	10.22	-0.044	143:1	852.38	10.00	-0.044	851.94	
	853.99	-0.022	4.00	854.08	143:1	0.048	36.00	60+50.00	852.35	11.91	-0.048	143:1	851.78	10.00	-0.048	851.30	
SC & BEGIN FS	853.64	-0.018	4.00	853.72	143:1	0.052	36.00	60+73.60	851.84	13.50	-0.052	143:1	851.14	10.00	-0.052	850.62	SC & BEGIN FS
	853.61	-0.018	4.00	853.68		0.052	36.00	60+75.00	851.81	13.50	-0.052		851.11	10.00	-0.052	850.59	
	853.00	-0.018	4.00	853.08		0.052	36.00	61+00.00	851.20	13.50	-0.052		850.50	10.00	-0.052	849.98	
	852.33	-0.018	4.00	852.40		0.052	36.00	61+25.00	850.53	13.50	-0.052		849.83	10.00	-0.052	849.31	
	851.58	-0.018	4.00	851.66		0.052	36.00	61+50.00	849.78	13.50	-0.052		849.08	10.00	-0.052	848.56	
	850.77	-0.018	4.00	850.84		0.052	36.00	61+75.00	848.97	13.50	-0.052		848.27	10.00	-0.052	847.75	
	849.91	-0.018	4.00	849.98		0.052	36.00	62+00.00	848.11	13.50	-0.052		847.41	10.00	-0.052	846.89	
	849.06	-0.018	4.00	849.13		0.052	36.00	62+25.00	847.26	13.50	-0.052		846.56	10.00	-0.052	846.04	
CS & END FS	848.62	-0.018	4.00	848.70	143:1	0.052	36.00	62+39.50	846.82	13.50	-0.052	143:1	846.12	10.00	-0.052	845.60	CS & END FS
	848.25	-0.020	4.00	848.33	143:1	0.050	36.00	62+50.00	846.53	12.79	-0.050	143:1	845.89	10.00	-0.050	845.39	
	847.46	-0.025	4.00	847.56	143:1	0.045	36.00	62+75.00	845.94	11.10	-0.045	143:1	845.44	10.00	-0.045	844.99	
	846.77	-0.031	4.00	846.90	143:1	0.039	36.00	63+00.00	845.49	9.42	-0.039	143:1	845.13	10.00	-0.040	844.73	
	846.26	-0.036	4.00	846.40	143:1	0.034	36.00	63+25.00	845.18	7.73	-0.034	143:1	844.92	10.00	-0.040	844.52	
	845.96	-0.040	4.00	846.12	143:1	0.030	36.00	63+43.41	845.04	6.49	-0.030	143:1	844.85	10.00	-0.040	844.45	

SUPERELEVATION TABLE
RAMP E

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1010 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 9 - Ramp E PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:40 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP G SUPERELEVATION TRANSITION TABLE

PI STA. 106+19.81 Dc = 4° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	911.06	-0.040	4.00	911.22	161:1	0.021	24.00	102+11.30	910.72					10.00	-0.040	910.32	
	911.39	-0.040	4.00	911.55	161:1	0.023	24.00	102+25.00	910.99					10.00	-0.040	910.59	
	912.02	-0.040	4.00	912.18	161:1	0.027	24.00	102+50.00	911.53					10.00	-0.040	911.13	
	912.70	-0.040	4.00	912.86	161:1	0.031	24.00	102+75.00	912.12					10.00	-0.040	911.72	
	913.42	-0.040	4.00	913.58	161:1	0.035	24.00	103+00.00	912.74					10.00	-0.040	912.34	
	914.19	-0.040	4.00	914.35	161:1	0.039	24.00	103+25.00	913.41					10.00	-0.040	913.01	
	914.97	-0.040	4.00	915.13	161:1	0.042	24.00	103+50.00	914.12					10.00	-0.040	913.72	
	915.82	-0.040	4.00	915.98	161:1	0.046	24.00	103+75.00	914.88					10.00	-0.038	914.50	
	916.71	-0.040	4.00	916.87	161:1	0.050	24.00	104+00.00	915.67					10.00	-0.037	915.30	
SC & BEGIN FS	917.14	-0.040	4.00	917.30	161:1	0.052	24.00	104+11.30	916.05					10.00	-0.036	915.69	SC & BEGIN FS
	917.60	-0.040	4.00	917.76		0.052	24.00	104+25.00	916.51					10.00	-0.036	916.15	
	918.49	-0.040	4.00	918.65		0.052	24.00	104+50.00	917.40					10.00	-0.036	917.04	
	919.41	-0.040	4.00	919.57		0.052	24.00	104+75.00	918.32					10.00	-0.036	917.96	
	920.38	-0.040	4.00	920.54		0.052	24.00	105+00.00	919.29					10.00	-0.036	918.93	
	921.38	-0.040	4.00	921.54		0.052	24.00	105+25.00	920.29					10.00	-0.036	919.93	
	922.38	-0.040	4.00	922.54		0.052	24.00	105+50.00	921.29					10.00	-0.036	920.93	
	923.38	-0.040	4.00	923.54		0.052	24.00	105+75.00	922.29					10.00	-0.036	921.93	
	924.38	-0.040	4.00	924.54		0.052	24.00	106+00.00	923.29					10.00	-0.036	922.93	
	925.38	-0.040	4.00	925.54		0.052	24.00	106+25.00	924.29					10.00	-0.036	923.93	
	926.38	-0.040	4.00	926.54		0.052	24.00	106+50.00	925.29					10.00	-0.036	924.93	
	927.38	-0.040	4.00	927.54		0.052	24.00	106+75.00	926.29					10.00	-0.036	925.93	
	928.38	-0.040	4.00	928.54		0.052	24.00	107+00.00	927.29					10.00	-0.036	926.93	
	929.37	-0.040	4.00	929.53		0.052	24.00	107+25.00	928.29	6.00	-0.052		927.97	10.00	-0.036	927.61	
	930.37	-0.040	4.00	930.53		0.052	24.00	107+50.00	929.29	12.00	-0.052		928.66	10.00	-0.036	928.30	
END FS	931.09	-0.040	4.00	931.25		0.052	24.00	107+67.82	930.00	12.00	-0.052		929.38	10.00	-0.036	929.02	END FS
	931.30	-0.040	4.00	931.46		0.049	24.00	107+75.00	930.28	12.00	-0.034		929.88	10.00	-0.036	929.52	
	932.04	-0.040	4.00	932.20	161:1	0.038	24.00	108+00.00	931.28	12.00	-0.038	161:1	930.83	10.00	-0.040	930.43	
	932.77	-0.040	4.00	932.93	161:1	0.027	24.00	108+25.00	932.28	12.00	-0.027	161:1	931.96	10.00	-0.040	931.56	
PT	932.79	-0.040	4.00	932.95	161:1	0.027	24.00	108+25.42	932.30	12.00	-0.027	161:1	931.98	10.00	-0.040	931.58	PT
	933.53	-0.040	4.00	933.69	161:1	0.017	24.00	108+50.00	933.28	12.00	-0.017	161:1	933.08	10.00	-0.040	932.68	
RC	933.55	-0.040	4.00	933.71	161:1	0.016	24.00	108+51.18	933.33	12.00	-0.016	161:1	933.14	10.00	-0.040	932.74	NC
	934.36	-0.040	4.00	934.52	161:1	0.010	24.00	108+75.00	934.28	12.00	-0.016	161:1	934.09	10.00	-0.040	933.69	
	935.19	-0.040	4.00	935.35	161:1	0.003	24.00	109+00.00	935.28	12.00	-0.016	161:1	935.09	10.00	-0.040	934.69	
LEVEL	935.64	-0.040	4.00	935.80	161:1	0.000	24.00	109+13.01	935.80	12.00	-0.016	161:1	935.61	10.00	-0.040	935.21	
	936.05	-0.040	4.00	936.21	161:1	-0.003	24.00	109+25.00	936.28	12.00	-0.016	161:1	936.09	10.00	-0.040	935.69	
	936.88	-0.040	4.00	937.04	161:1	-0.010	24.00	109+50.00	937.28	12.00	-0.016	161:1	937.09	10.00	-0.040	936.69	
NC	937.73	-0.040	4.00	937.89	161:1	-0.016	24.00	109+74.84	938.28	12.00	-0.016	161:1	938.08	10.00	-0.040	937.68	NC

SUPERELEVATION TABLE
RAMP G

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1011 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 10 - Ramp G PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:41 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP H SUPERELEVATION TRANSITION TABLE

PI STA. 104+23.74 Dc = 3° 00' 00", PI STA. 11+15.77 Dc = 3° 00' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
RC	912.36	-0.040	10.00	912.76	221:1	-0.016	12.00	102+30.73	912.95	12.00	0.016	221:1	913.14	4.00	-0.040	912.98	RC
	912.86	-0.040	10.00	913.26	221:1	-0.023	12.00	102+50.00	913.54	12.00	0.023	221:1	913.82	4.00	-0.040	913.66	
	913.55	-0.040	10.00	913.95	221:1	-0.033	12.00	102+75.00	914.35	12.00	0.033	221:1	914.74	4.00	-0.037	914.59	
PC	914.28	-0.042	10.00	914.70	221:1	-0.042	12.00	103+00.00	915.20	12.00	0.042	221:1	915.70	4.00	-0.028	915.59	PC
	914.98	-0.051	10.00	915.49	221:1	-0.051	12.00	103+25.00	916.10	12.00	0.051	221:1	916.71	4.00	-0.019	916.63	
BEGIN FS	915.25	-0.055	10.00	915.80	221:1	-0.055	12.00	103+34.63	916.46	12.00	0.055	221:1	917.12	4.00	-0.015	917.06	BEGIN FS
	915.83	-0.055	10.00	916.38		-0.055	12.00	103+50.00	917.04	12.00	0.055		917.70	4.00	-0.015	917.64	
	916.82	-0.055	10.00	917.37		-0.055	12.00	103+75.00	918.03	12.00	0.055		918.69	4.00	-0.015	918.63	
	917.86	-0.055	10.00	918.41		-0.055	12.00	104+00.00	919.07	12.00	0.055		919.73	4.00	-0.015	919.67	
	918.94	-0.055	10.00	919.49		-0.055	12.00	104+25.00	920.15	12.00	0.055		920.81	4.00	-0.015	920.75	
	920.06	-0.055	10.00	920.61		-0.055	12.00	104+50.00	921.27	12.00	0.055		921.93	4.00	-0.015	921.87	
	921.24	-0.055	10.00	921.79		-0.055	12.00	104+75.00	922.45	12.00	0.055		923.11	4.00	-0.015	923.05	
	922.45	-0.055	10.00	923.00		-0.055	12.00	105+00.00	923.66	12.00	0.055		924.32	4.00	-0.015	924.26	
END FS	923.08	-0.055	10.00	923.63	221:1	-0.055	12.00	105+12.50	924.29	12.00	0.055	221:1	924.95	4.00	-0.015	924.89	END FS
	923.81	-0.050	10.00	924.31	221:1	-0.050	12.00	105+25.00	924.91	12.00	0.050	221:1	925.51	4.00	-0.020	925.43	
PT	925.10	-0.042	10.00	925.52	221:1	-0.042	12.00	105+47.13	926.02	12.00	0.042	221:1	926.52	4.00	-0.020	926.44	PT
	925.26	-0.041	10.00	925.67	221:1	-0.041	12.00	105+50.00	926.16	12.00	0.041	221:1	926.66	4.00	-0.029	926.54	
	926.63	-0.040	10.00	927.03	221:1	-0.032	12.00	105+75.00	927.41	12.00	0.032	221:1	927.80	4.00	-0.038	927.65	
	928.00	-0.040	10.00	928.40	221:1	-0.022	12.00	106+00.00	928.66	12.00	0.022	221:1	928.93	4.00	-0.040	928.77	
NC	928.89	-0.040	10.00	929.29	221:1	-0.016	12.00	106+16.40	929.48	12.00	0.016	221:1	929.68	4.00	-0.040	929.52	NC
	929.32	-0.040	10.00	929.72		-0.016	12.00	106+25.00	929.91	12.00	0.016		930.11	4.00	-0.040	929.95	
	930.57	-0.040	10.00	930.97		-0.016	12.00	106+50.00	931.16	12.00	0.016		931.36	4.00	-0.040	931.20	
	931.82	-0.040	10.00	932.22		-0.016	12.00	106+75.00	932.41	12.00	0.016		932.61	4.00	-0.040	932.45	
	933.07	-0.040	10.00	933.47		-0.016	12.00	107+00.00	933.66	12.00	0.016		933.86	4.00	-0.040	933.70	
	934.32	-0.040	10.00	934.72		-0.016	12.00	107+25.00	934.91	12.00	0.016		935.11	4.00	-0.040	934.95	
	935.57	-0.040	10.00	935.97		-0.016	12.00	107+50.00	936.16	12.00	0.016		936.36	4.00	-0.040	936.20	
	936.82	-0.040	10.00	937.22		-0.016	12.00	107+75.00	937.41	12.00	0.016		937.61	4.00	-0.040	937.45	
	938.07	-0.040	10.00	938.47		-0.016	12.00	108+00.00	938.66	12.00	0.016		938.86	4.00	-0.040	938.70	
	939.32	-0.040	10.00	939.72		-0.016	12.00	108+25.00	939.91	12.00	0.016		940.11	4.00	-0.040	939.95	
NC	939.68	-0.040	10.00	940.08	221:1	-0.016	12.00	108+32.13	940.27	12.00	0.016	221:1	940.46	4.00	-0.040	940.30	NC
	940.66	-0.040	10.00	941.06	221:1	-0.009	12.00	108+50.00	941.16	12.00	0.009	221:1	941.27	4.00	-0.040	941.11	
LEVEL	942.00	-0.040	10.00	942.40	221:1	0.000	12.00	108+74.75	942.40	12.00	0.000	221:1	942.40	4.00	-0.040	942.24	LEVEL
	942.01	-0.040	10.00	942.41	221:1	0.000	12.00	108+75.00	942.41	12.00	0.000	221:1	942.41	4.00	-0.040	942.25	
	943.37	-0.040	10.00	943.77	221:1	0.009	12.00	109+00.00	943.66	12.00	-0.009	221:1	943.56	4.00	-0.040	943.40	
RC	944.32	-0.040	10.00	944.72	221:1	0.016	12.00	109+17.37	944.53	12.00	-0.016	221:1	944.34	4.00	-0.040	944.18	RC
	944.73	-0.040	10.00	945.13	221:1	0.018	12.00	109+25.00	944.91	12.00	-0.018	221:1	944.70	4.00	-0.040	944.54	
	946.08	-0.040	10.00	946.48	221:1	0.026	12.00	109+50.00	946.16	12.00	-0.026	221:1	945.85	4.00	-0.040	945.69	
PC	947.29	-0.040	10.00	947.69	221:1	0.034	12.00	109+72.43	947.28	12.00	-0.034	221:1	946.87	4.00	-0.040	946.71	PC
	947.42	-0.040	10.00	947.82	221:1	0.034	12.00	109+75.00	947.41	12.00	-0.034	221:1	947.01	4.00	-0.040	946.85	
	948.94	-0.023	10.00	949.17	221:1	0.042	12.00	110+00.00	948.66	12.00	-0.042	221:1	948.16	4.00	-0.042	947.99	
BEGIN FS	950.12	-0.015	10.00	950.27	221:1	0.045	12.00	110+08.43	949.73	12.00	-0.045	221:1	949.19	4.00	-0.045	949.01	BEGIN FS
	950.30	-0.015	10.00	950.45		0.045	12.00	110+25.00	949.91	12.00	-0.045		949.37	4.00	-0.045	949.19	
	951.55	-0.015	10.00	951.70		0.045	12.00	110+50.00	951.16	12.00	-0.045		950.62	4.00	-0.045	950.44	
	952.80	-0.015	10.00	952.95		0.045	12.00	110+75.00	952.41	12.00	-0.045		951.87	4.00	-0.045	951.69	
	953.96	-0.015	10.00	954.11		0.045	12.00	111+00.00	953.57	12.00	-0.045		953.03	4.00	-0.045	952.85	
	955.02	-0.015	10.00	955.17		0.045	12.00	111+25.00	954.63	12.00	-0.045		954.09	4.00	-0.045	953.91	
	955.98	-0.015	10.00	956.13		0.045	12.00	111+50.00	955.59	12.00	-0.045		955.05	4.00	-0.045	954.87	
	956.73	-0.026	10.00	956.99		0.045	12.00	111+75.00	956.45	12.00	-0.045		955.91	4.00	-0.045	955.73	
END FS	956.75	-0.026	10.00	957.01		0.045	12.00	111+75.53	956.47	12.00	-0.045		955.93	4.00	-0.045	955.75	END FS
	957.27	-0.040	10.00	957.67	221:1	0.038	12.00	112+00.00	957.21	12.00	-0.038	221:1	956.76	4.00	-0.040	956.60	
	957.85	-0.040	10.00	958.25	221:1	0.032	12.00	112+25.00	957.87	12.00	-0.032	221:1	957.49	4.00	-0.040	957.33	
	958.33	-0.040	10.00	958.73	221:1	0.025	12.00	112+50.00	958.43	12.00	-0.025	221:1	958.13	4.00	-0.040	957.97	
	958.47	-0.040	10.00	958.87	221:1	0.023	12.00	112+58.57	958.60	12.00	-0.023	221:1	958.32	4.00	-0.040	958.16	

SUPERELEVATION TABLE
RAMP H

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1012 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 11 - Ramp H PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:43 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v01-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

RAMP I SUPERELEVATION TRANSITION TABLE

PI STA. 126+59.95 Dc = 2° 00' 00"

DESCRIPTION	LEFT SIDE			BASELINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
NC	950.95	-0.040	6.00	121+83.92	951.19	16.00	0.016	221:1	951.45	3.00	-0.040	951.33	NC
	950.94	-0.040	6.00	122+00.00	951.18	16.00	0.021	221:1	951.51	3.00	-0.040	951.39	
	950.96	-0.040	6.00	122+25.00	951.20	16.00	0.028	221:1	951.65	3.00	-0.040	951.53	
	951.05	-0.035	6.00	122+50.00	951.26	16.00	0.035	221:1	951.82	3.00	-0.035	951.72	
PC	951.06	-0.035	6.00	122+52.59	951.27	16.00	0.035	221:1	951.83	3.00	-0.035	951.73	PC
	951.19	-0.028	6.00	122+75.00	951.36	16.00	0.042	221:1	952.03	3.00	-0.042	951.91	
BEGIN FS	951.25	-0.025	6.00	122+86.93	951.40	16.00	0.045	221:1	952.12	3.00	-0.045	951.99	BEGIN FS
	951.35	-0.025	6.00	123+00.00	951.50	16.00	0.045		952.22	3.00	-0.045	952.09	
	951.54	-0.025	6.00	123+25.00	951.69	16.00	0.045		952.41	3.00	-0.045	952.28	
	951.76	-0.025	6.00	123+50.00	951.91	16.00	0.045		952.63	3.00	-0.045	952.50	
	952.03	-0.025	6.00	123+75.00	952.18	16.00	0.045		952.90	3.00	-0.045	952.77	
	952.34	-0.025	6.00	124+00.00	952.49	16.00	0.045		953.21	3.00	-0.045	953.08	
	952.70	-0.025	6.00	124+25.00	952.85	16.00	0.045		953.57	3.00	-0.045	953.44	
	953.09	-0.025	6.00	124+50.00	953.24	16.00	0.045		953.96	3.00	-0.045	953.83	
	953.51	-0.025	6.91	124+75.00	953.68	16.00	0.045		954.40	3.00	-0.045	954.27	
	953.96	-0.025	7.91	125+00.00	954.16	16.00	0.045		954.88	3.00	-0.045	954.75	
END RAMP	954.01	-0.025	8.00	125+02.30	954.21	16.00	0.045		954.93	3.00	-0.045	954.80	END RAMP

RAMP J SUPERELEVATION TRANSITION TABLE

PI STA. 112+40.31 Dc = 12° 00' 00", PI STA. 118+03.57 Dc = 4° 30' 00"

DESCRIPTION	LEFT SIDE							BASELINE CONTROL		RIGHT SIDE			DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	P[AVEMENT WIDTH	STATION	ELEVATION (PGL)	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	942.44	-0.055	3.000	942.60	200:1	-0.055	16.00	111+29.92	943.48	6.00	-0.015	943.39	
BEGIN FS	942.36	-0.057	3.000	942.53	200:1	-0.057	16.00	111+36.12	943.45	6.00	-0.013	943.37	BEGIN FS
	942.29	-0.057	3.000	942.46	200:1	-0.057	16.00	111+50.00	943.37	6.00	-0.013	943.30	
	942.14	-0.057	3.000	942.31	200:1	-0.057	16.00	111+75.00	943.22	6.00	-0.013	943.14	
	941.99	-0.057	3.000	942.16	200:1	-0.057	16.00	112+00.00	943.07	6.00	-0.013	943.00	
	941.84	-0.057	3.000	942.01	200:1	-0.057	16.00	112+25.00	942.92	6.00	-0.013	942.85	
	941.69	-0.057	3.000	941.86	200:1	-0.057	16.00	112+50.00	942.77	6.00	-0.013	942.70	
	941.54	-0.057	3.000	941.71	200:1	-0.057	16.00	112+75.00	942.62	6.00	-0.013	942.54	
	941.39	-0.057	3.000	941.56	200:1	-0.057	16.00	113+00.00	942.47	6.00	-0.013	942.39	
END FS	941.28	-0.057	3.000	941.45	200:1	-0.057	16.00	113+18.55	942.36	6.00	-0.013	942.28	END FS
	941.30	-0.054	3.000	941.46	200:1	-0.054	16.00	113+25.00	942.32	6.00	-0.016	942.23	
	941.32	-0.045	3.000	941.45	200:1	-0.045	16.00	113+50.00	942.17	6.00	-0.025	942.02	
	941.34	-0.040	3.000	941.46	200:1	-0.035	16.00	113+75.00	942.02	6.00	-0.035	941.81	
PT	941.34	-0.040	3.000	941.46	200:1	-0.032	16.00	113+83.53	941.97	6.00	-0.038	941.74	PT
	941.35	-0.040	3.000	941.47	200:1	-0.025	16.00	114+00.00	941.87	6.00	-0.040	941.63	
	941.34	-0.040	3.000	941.46	200:1	-0.016	16.00	114+25.00	941.72	6.00	-0.040	941.48	
	941.35	-0.040	3.000	941.47	200:1	-0.006	16.00	114+50.00	941.57	6.00	-0.040	941.33	
LEVEL	941.36	-0.040	3.000	941.48	200:1	0.000	16.00	114+65.38	941.48	6.00	-0.040	941.24	LEVEL
	941.35	-0.040	3.000	941.47	200:1	0.003	16.00	114+75.00	941.42	6.00	-0.040	941.18	
	941.34	-0.040	3.000	941.46	200:1	0.012	16.00	115+00.00	941.27	6.00	-0.040	941.03	
	941.34	-0.040	3.000	941.46	200:1	0.020	16.00	115+25.00	941.14	6.00	-0.040	940.90	
	941.41	-0.040	3.000	941.53	200:1	0.029	16.00	115+50.00	941.07	6.00	-0.040	940.83	
PC	941.47	-0.040	3.000	941.59	200:1	0.033	16.00	115+61.70	941.06	6.00	-0.040	940.82	PC
	941.53	-0.034	3.000	941.63	200:1	0.037	16.00	115+75.00	941.04	6.00	-0.040	940.80	
	941.68	-0.042	3.000	941.81	200:1	0.046	16.00	116+00.00	941.07	6.00	-0.046	940.79	
	941.95	-0.020	3.000	942.01	200:1	0.054	16.00	116+25.00	941.15	6.00	-0.054	940.83	
BEGIN FS	942.12	-0.016	3.000	942.17	200:1	0.054	16.00	116+38.18	941.22	6.00	-0.054	940.90	BEGIN FS
	942.18	-0.016	3.000	942.22		0.054	16.00	116+50.00	941.28	6.00	-0.054	940.96	
	942.36	-0.016	3.000	942.40		0.054	16.00	116+75.00	941.46	6.00	-0.054	941.14	
	942.60	-0.016	3.000	942.64		0.054	16.00	117+00.00	941.70	6.00	-0.054	941.38	
	942.88	-0.016	3.000	942.92		0.054	16.00	117+25.00	941.98	6.00	-0.054	941.66	
	943.21	-0.016	3.000	943.25		0.054	16.00	117+50.00	942.31	6.00	-0.054	941.99	
	943.60	-0.016	3.000	943.64		0.054	16.00	117+75.00	942.70	6.00	-0.054	942.38	
	944.04	-0.016	3.000	944.08		0.054	16.00	118+00.00	943.14	6.00	-0.054	942.82	
	944.52	-0.016	3.000	944.56		0.054	16.00	118+25.00	943.62	6.00	-0.054	943.30	
	945.06	-0.016	3.000	945.10		0.054	16.00	118+50.00	944.16	6.00	-0.054	943.84	
	945.65	-0.016	3.000	945.69		0.054	16.00	118+75.00	944.75	6.00	-0.054	944.43	
	946.29	-0.016	3.000	946.33		0.054	16.00	119+00.00	945.39	6.00	-0.054	945.07	
	946.96	-0.016	3.000	947.00		0.054	16.00	119+25.00	946.06	6.00	-0.054	945.74	
	947.63	-0.016	3.000	947.67		0.054	16.00	119+50.00	946.73	6.00	-0.054	946.41	
	948.29	-0.016	3.000	948.33		0.054	16.00	119+75.00	947.39	6.00	-0.054	947.07	
	948.96	-0.016	3.000	949.00		0.054	16.00	120+00.00	948.06	6.00	-0.054	947.74	
	949.62	-0.016	3.000	949.66		0.054	16.00	120+25.00	948.72	6.00	-0.054	948.40	
CS & END FS	950.16	-0.016	3.000	950.20		0.054	16.00	120+39.75	949.26	6.00	-0.054	948.94	CS & END FS
END RAMP	950.26	-0.017	3.000	950.31	200:1	0.054	16.00	120+44.38	949.39	6.00	-0.054	949.06	END RAMP

SUPERELEVATION TABLE
RAMP I AND RAMP J

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1013 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 12 - Ramp I and J PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:45 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

SR 204 SUPERELEVATION TRANSITION TABLE

PI STA. 37+12.90 Dc = 01° 02' 30", PI STA. 44+29.49 Dc = 06° 00' 00"

DESCRIPTION	LEFT SIDE							CENTERLINE CONTROL		RIGHT SIDE							DESCRIPTION
	EDGE OF SHOULDER	SHOULDER CROSS SLOPE	SHOULDER WIDTH	EDGE OF PAVEMENT	TRANSITION RATE	PAVEMENT CROSS SLOPE	PAVEMENT WIDTH	STATION	ELEVATION (PGL)	PAVEMENT WIDTH	PAVEMENT CROSS SLOPE	TRANSITION RATE	EDGE OF PAVEMENT	SHOULDER WIDTH	SHOULDER CROSS SLOPE	EDGE OF SHOULDER	
	910.02	-0.040	8.00	910.34		-0.016	18.00	39+00.00	910.63	18.00	-0.016		910.34	8.00	-0.040	910.02	
	910.20	-0.040	8.00	910.52		-0.016	18.00	39+25.00	910.81	18.00	-0.016		910.52	8.00	-0.040	910.20	
NC	910.23	-0.040	8.00	910.55	185:1	-0.016	18.00	39+30.13	910.84	18.00	-0.016		910.55	8.00	-0.040	910.23	
	910.50	-0.040	8.00	910.82	185:1	-0.007	18.00	39+50.00	910.95	18.00	-0.016		910.66	8.00	-0.040	910.34	
1/2 LEVEL	910.72	-0.040	8.00	911.04	185:1	0.000	18.00	39+65.65	911.04	18.00	-0.016		910.75	8.00	-0.040	910.43	
	910.85	-0.040	8.00	911.17	185:1	0.004	18.00	39+75.00	911.10	18.00	-0.016		910.81	8.00	-0.040	910.49	
	911.20	-0.040	8.00	911.52	185:1	0.015	18.00	40+00.00	911.25	18.00	-0.016		910.96	8.00	-0.040	910.64	
RC	911.23	-0.040	8.00	911.55	185:1	0.016	18.00	40+01.17	911.26	18.00	-0.016	185:1	910.97	8.00	-0.040	910.65	NC
	911.60	-0.040	8.00	911.92	185:1	0.027	18.00	40+25.00	911.43	18.00	-0.027	185:1	910.94	8.00	-0.040	910.62	
PC	911.97	-0.040	8.00	912.29	185:1	0.036	18.00	40+45.97	911.64	18.00	-0.036	185:1	910.99	8.00	-0.040	910.67	PC
	912.10	-0.032	8.00	912.35	185:1	0.038	18.00	40+50.00	911.67	18.00	-0.038	185:1	910.99	8.00	-0.038	910.68	
	912.56	-0.021	8.00	912.73	185:1	0.049	18.00	40+75.00	911.85	18.00	-0.049	185:1	910.97	8.00	-0.049	910.58	
BEGIN FS	912.73	-0.016	8.00	912.86	185:1	0.054	18.00	40+85.53	911.89	18.00	-0.054	185:1	910.92	8.00	-0.054	910.49	BEGIN FS
	912.86	-0.016	8.00	912.99		0.054	18.00	41+00.00	912.02	18.00	-0.054		911.05	8.00	-0.054	910.62	
	913.04	-0.016	8.00	913.17		0.054	18.00	41+25.00	912.20	18.00	-0.054		911.23	8.00	-0.054	910.80	
	913.30	-0.016	8.00	913.43		0.054	18.00	41+50.00	912.46	18.00	-0.054		911.49	8.00	-0.054	911.06	
	913.52	-0.016	8.00	913.65		0.054	18.00	41+75.00	912.68	18.00	-0.054		911.71	8.00	-0.054	911.28	
	913.62	-0.016	8.00	913.75		0.054	18.00	42+00.00	912.78	18.00	-0.054		911.81	8.00	-0.054	911.38	
	913.73	-0.016	8.00	913.86		0.054	18.00	42+25.00	912.89	18.00	-0.054		911.92	8.00	-0.054	911.49	
	913.87	-0.016	8.00	914.00		0.054	18.00	42+50.00	913.03	18.00	-0.054		912.06	8.00	-0.054	911.63	
	913.90	-0.016	8.00	914.03		0.054	18.00	42+75.00	913.06	18.00	-0.054		912.09	8.00	-0.054	911.66	
	913.90	-0.016	8.00	914.03		0.054	18.00	43+00.00	913.06	18.00	-0.054		912.09	8.00	-0.054	911.66	
	913.82	-0.016	8.00	913.95		0.054	18.00	43+25.00	912.98	18.00	-0.054		912.01	8.00	-0.054	911.58	
	913.65	-0.016	8.00	913.78		0.054	18.00	43+50.00	912.81	18.00	-0.054		911.84	8.00	-0.054	911.41	
	813.44	-0.016	8.00	813.57		0.054	18.00	43+75.00	812.60	18.00	-0.054		811.63	8.00	-0.054	811.20	
	913.14	-0.016	8.00	913.27		0.054	18.00	44+00.00	912.30	18.00	-0.054		911.33	8.00	-0.054	910.90	
	912.76	-0.016	8.00	912.89		0.054	18.00	44+25.00	911.92	18.00	-0.054		910.95	8.00	-0.054	910.52	
	912.31	-0.016	8.00	912.44		0.054	18.00	44+50.00	911.47	18.00	-0.054		910.50	8.00	-0.054	910.07	
	911.75	-0.016	8.00	911.88		0.054	18.00	44+75.00	910.91	18.00	-0.054		909.94	8.00	-0.054	909.51	
	911.09	-0.016	8.00	911.22		0.054	18.00	45+00.00	910.25	18.00	-0.054		909.28	8.00	-0.054	908.85	
	910.44	-0.016	8.00	910.57		0.054	18.00	45+25.00	909.60	18.00	-0.054		908.63	8.00	-0.054	908.20	
	909.80	-0.016	8.00	909.93		0.054	18.00	45+50.00	908.96	18.00	-0.054		907.99	8.00	-0.054	907.56	
	909.12	-0.016	8.00	909.25		0.054	18.00	45+75.00	908.28	18.00	-0.054		907.31	8.00	-0.054	906.88	
	908.33	-0.016	7.75	908.45		0.054	17.58	46+00.00	907.50	17.56	-0.054		906.55	7.70	-0.054	906.14	
	907.46	-0.016	7.34	907.58		0.054	16.87	46+25.00	906.67	16.83	-0.054		905.76	7.19	-0.054	905.37	
	906.56	-0.016	6.93	906.67		0.054	16.16	46+50.00	905.80	16.11	-0.054		904.93	6.69	-0.054	904.57	
	905.67	-0.016	6.52	905.77		0.054	15.45	46+75.00	904.94	15.38	-0.054		904.11	6.18	-0.054	903.78	
	904.88	-0.016	6.11	904.98		0.054	14.74	47+00.00	904.18	14.65	-0.054		903.39	5.67	-0.054	903.08	
	904.07	-0.016	5.70	904.16		0.054	14.03	47+25.00	903.40	13.92	-0.054		902.65	5.17	-0.054	902.37	
END FS	903.72	-0.016	5.54	903.81	185:1	0.054	13.75	47+35.00	903.07	13.63	-0.054	185:1	902.33	4.97	-0.054	902.07	END FS
	903.10	-0.023	5.29	903.23	185:1	0.047	13.32	47+50.00	902.60	13.19	-0.047	185:1	901.98	4.66	-0.047	901.76	
	902.21	-0.034	4.89	902.37	185:1	0.036	12.61	47+75.00	901.92	12.46	-0.036	185:1	901.47	4.15	-0.036	901.32	
PT	902.21	-0.034	4.89	902.37	185:1	0.036	12.61	47+75.36	901.92	12.46	-0.036	185:1	901.47	4.15	-0.036	901.32	PT
END WORK	901.56	-0.040	4.50	901.74	185:1	0.025	11.90	48+00.00	901.44	11.70	-0.025	185:1	901.15	3.70	-0.040	901.00	END WORK

SUPERELEVATION TABLE
SR 204

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

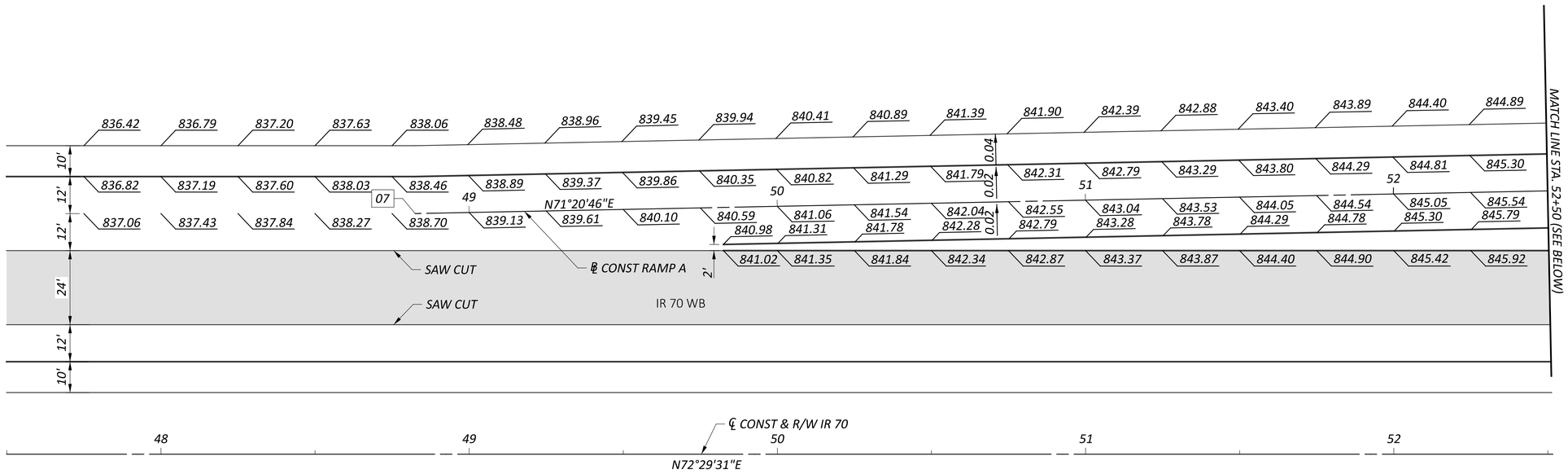
SHEET P.1014 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 13 - SR 204 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:26:47 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GE001.dgn

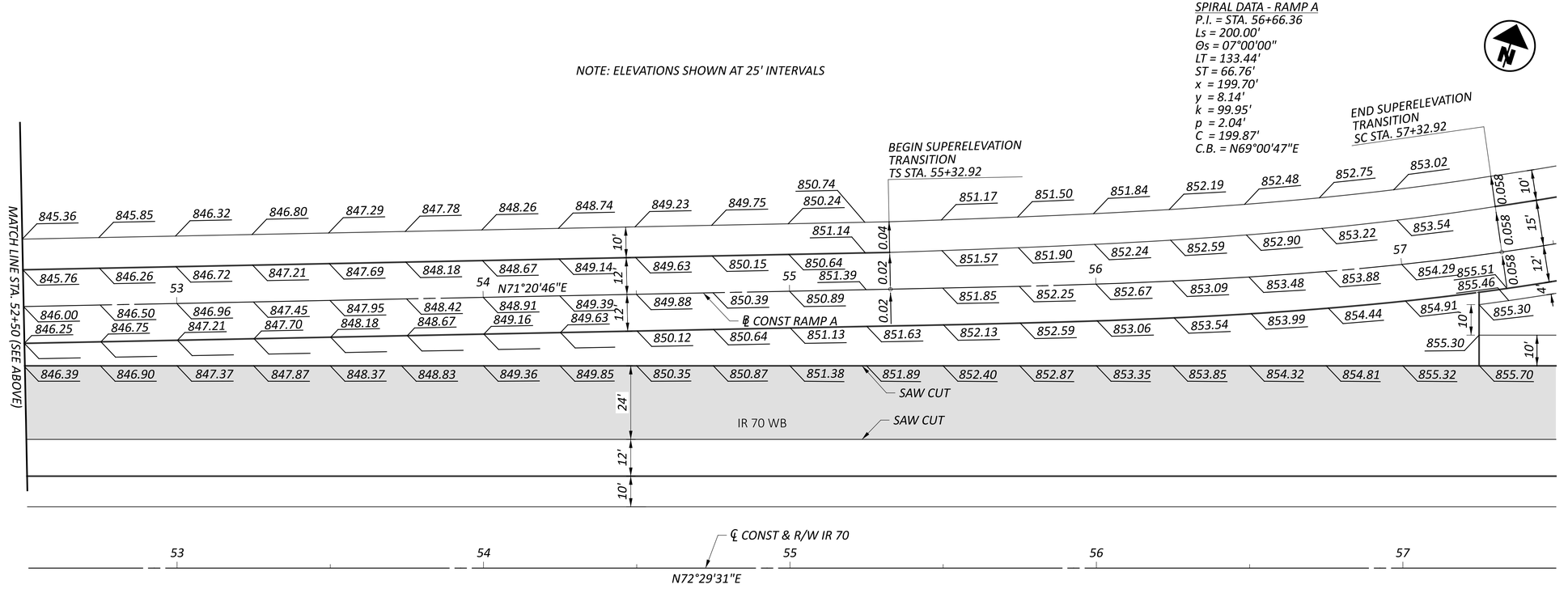
07 STA. 48+82.50, ℄ CONST RAMP A =
STA. 48+82.50, 78.00' LT, ℄ CONST & R/W IR 70

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



SPIRAL DATA - RAMP A
P.I. = STA. 56+66.36
Ls = 200.00'
Θs = 07°00'00"
LT = 133.44'
ST = 66.76'
x = 199.70'
y = 8.14'
k = 99.95'
p = 2.04'
C = 199.87'
C.B. = N69°00'47"E

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP A
STA. 47+50.00 TO STA. 57+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1015 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

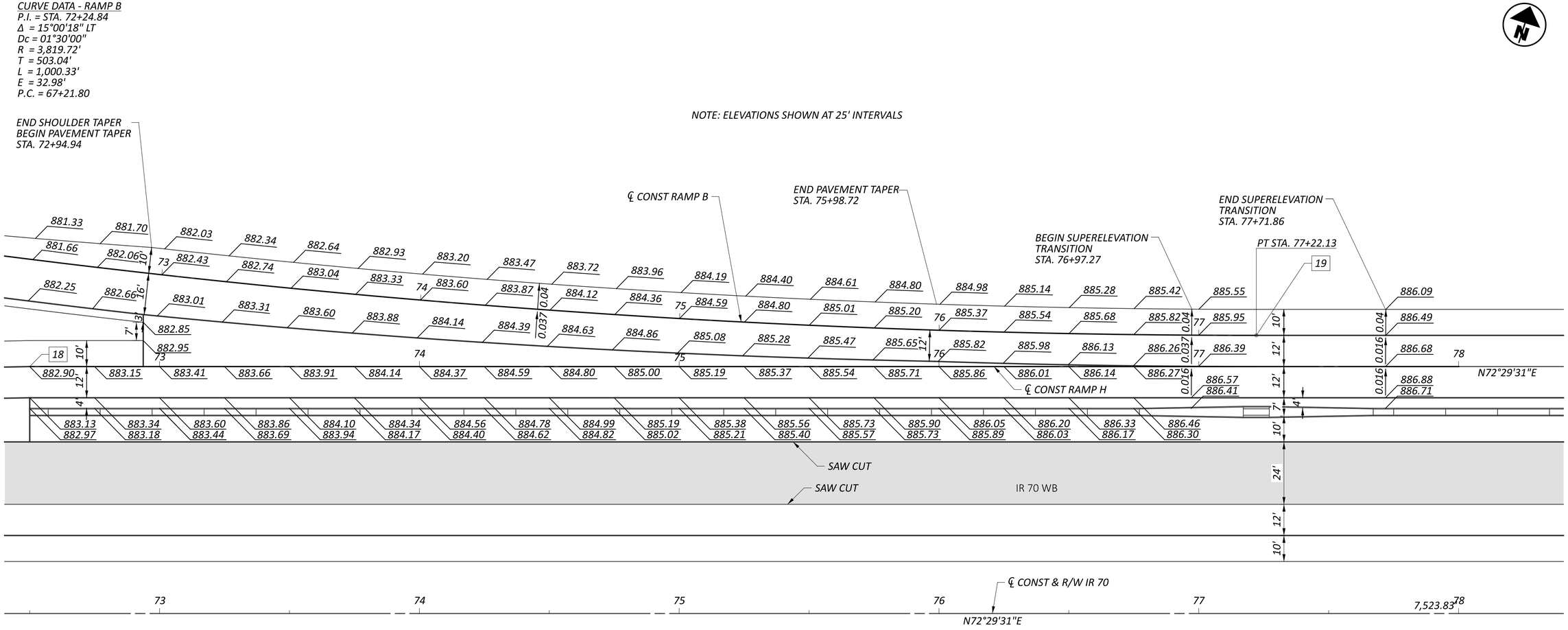
MODEL: BLP_R070A - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:05:55 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v01-Engineering_StructurePoint\Roadway\Sheets\96808_GI211.dgn

18 STA. 72+50.00, ℄ CONST RAMP H =
STA. 72+50.00, 95.00' LT, ℄ CONST & R/W IR 70

19 STA. 77+22.13, ℄ CONST RAMP B =
STA. 77+22.13, 107.00' LT, ℄ CONST & R/W IR 70

CURVE DATA - RAMP B
P.I. = STA. 72+24.84
Δ = 15°00'18" LT
Dc = 01°30'00"
R = 3,819.72'
T = 503.04'
L = 1,000.33'
E = 32.98'
P.C. = 67+21.80

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP B
STA. TO STA. 78+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1016 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070B - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:03 PM USER: brieder
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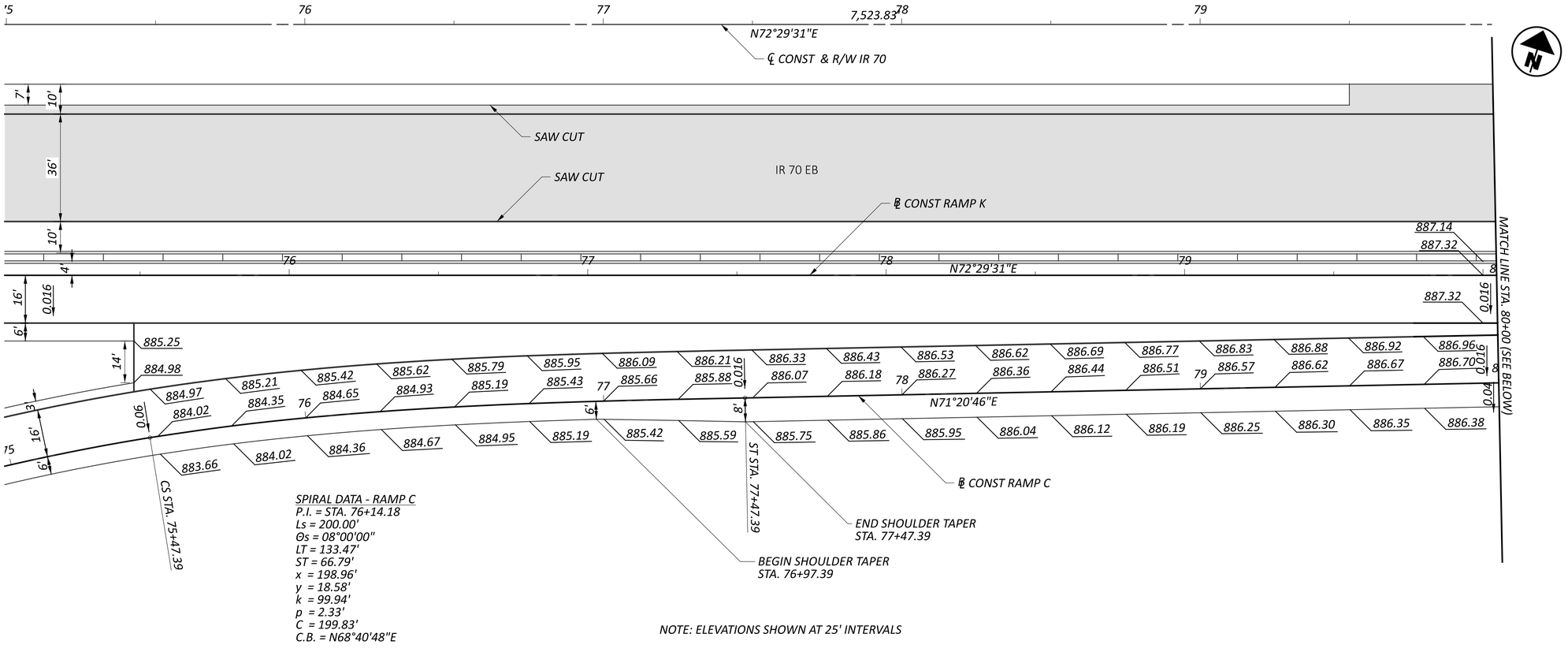
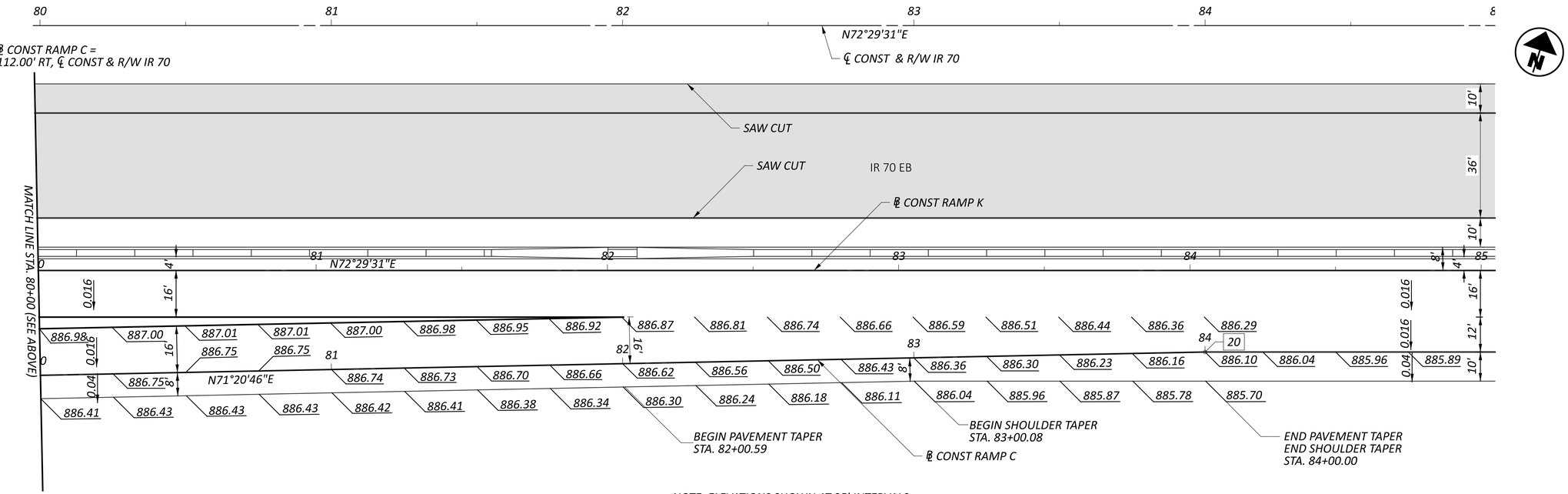


NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

RAMP TERMINAL DETAILS - RAMP C
STA. 75+00.00 TO STA. 85+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1017
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070C - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:12 PM USER: brieder
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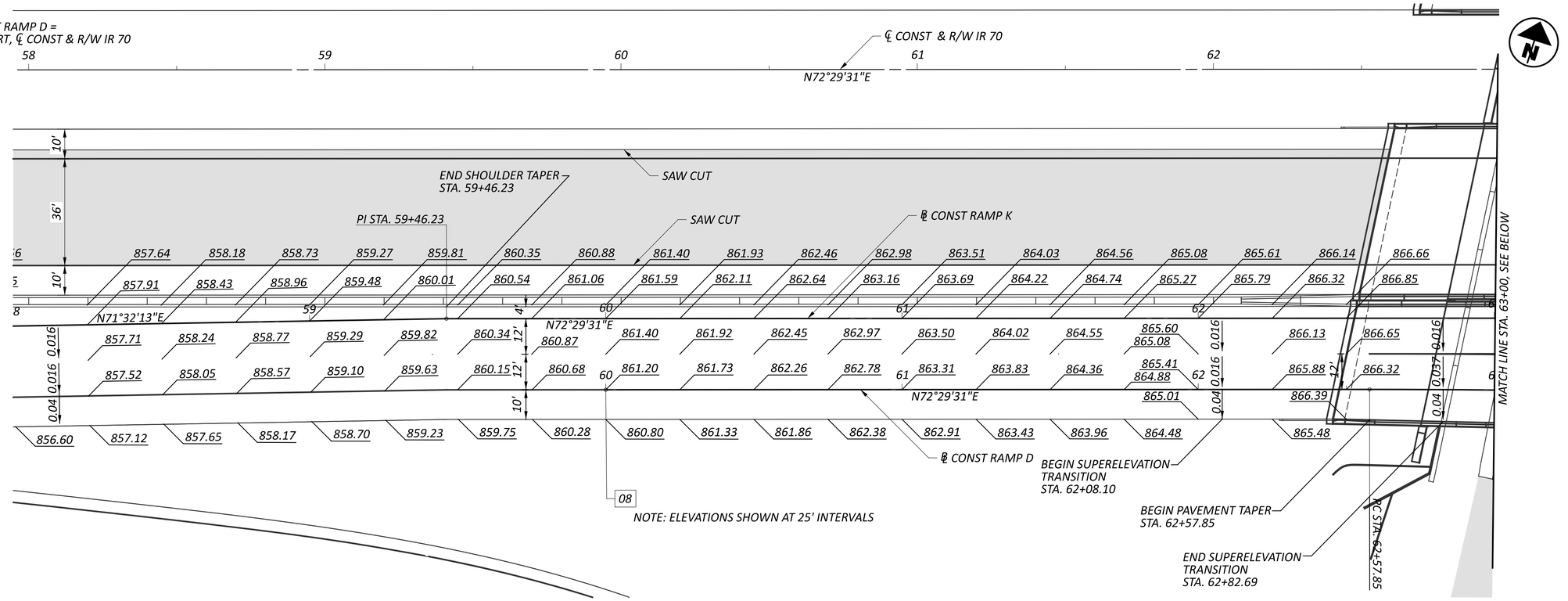


HORIZONTAL SCALE IN FEET
0 10 20 40

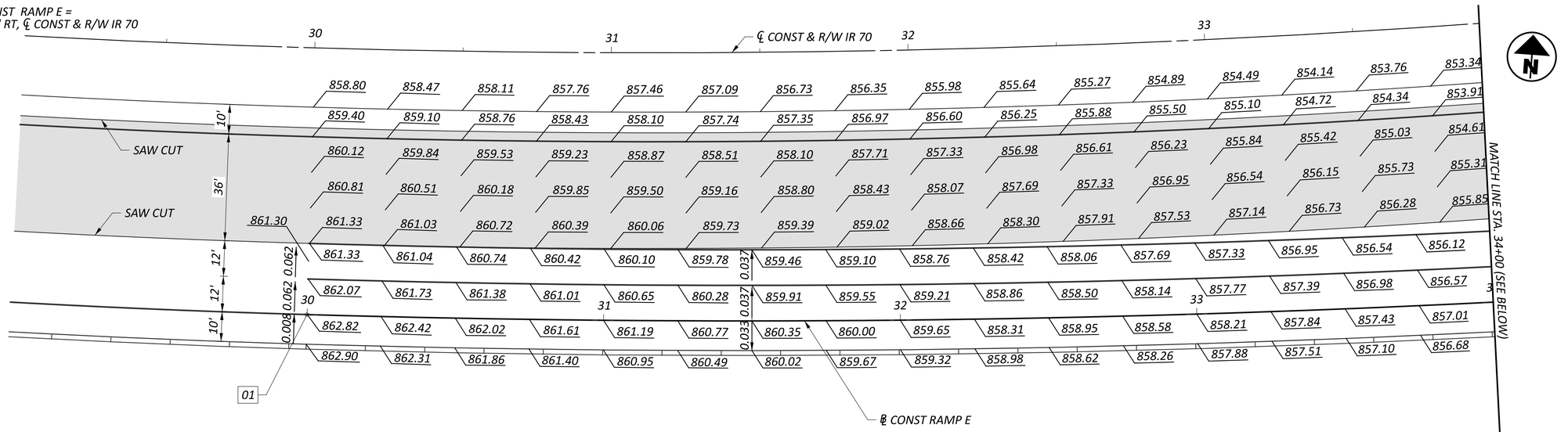
RAMP TERMINAL DETAILS - RAMP D
STA. 58+00.00 TO STA. 68+00.00

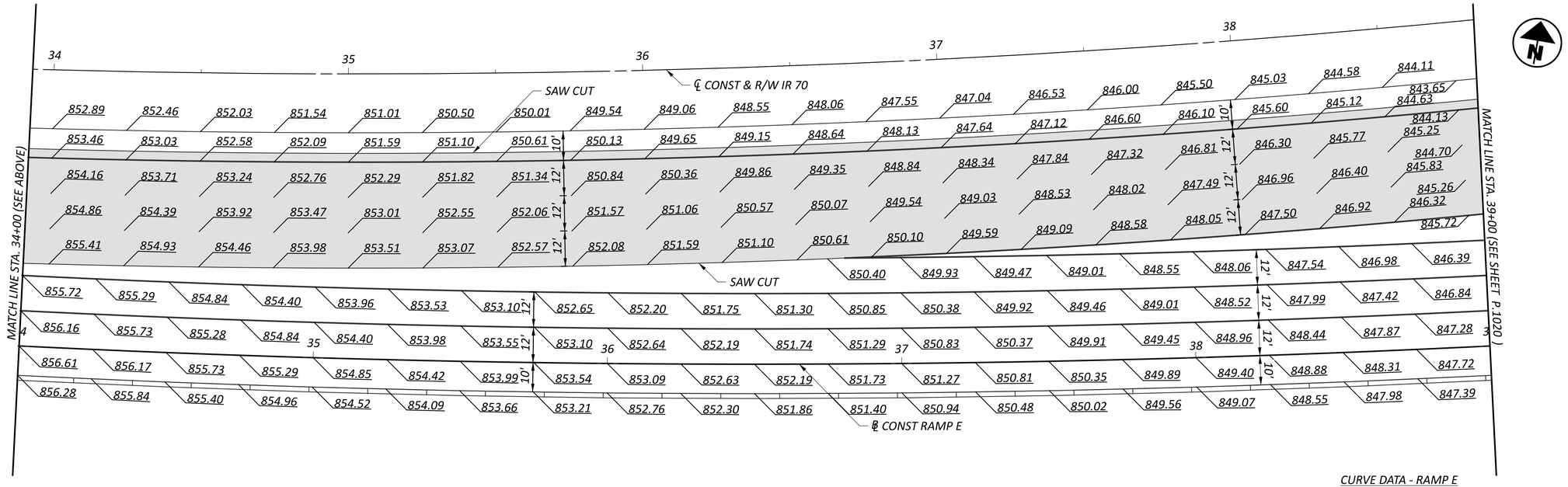
FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:21 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v01-Engineering_StructurePoint\Roadway\Sheets\96808_GI241.dgn

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1018 TOTAL P.2024





HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMPS E & K
STA. 30+00.00 TO STA. 39+00.00

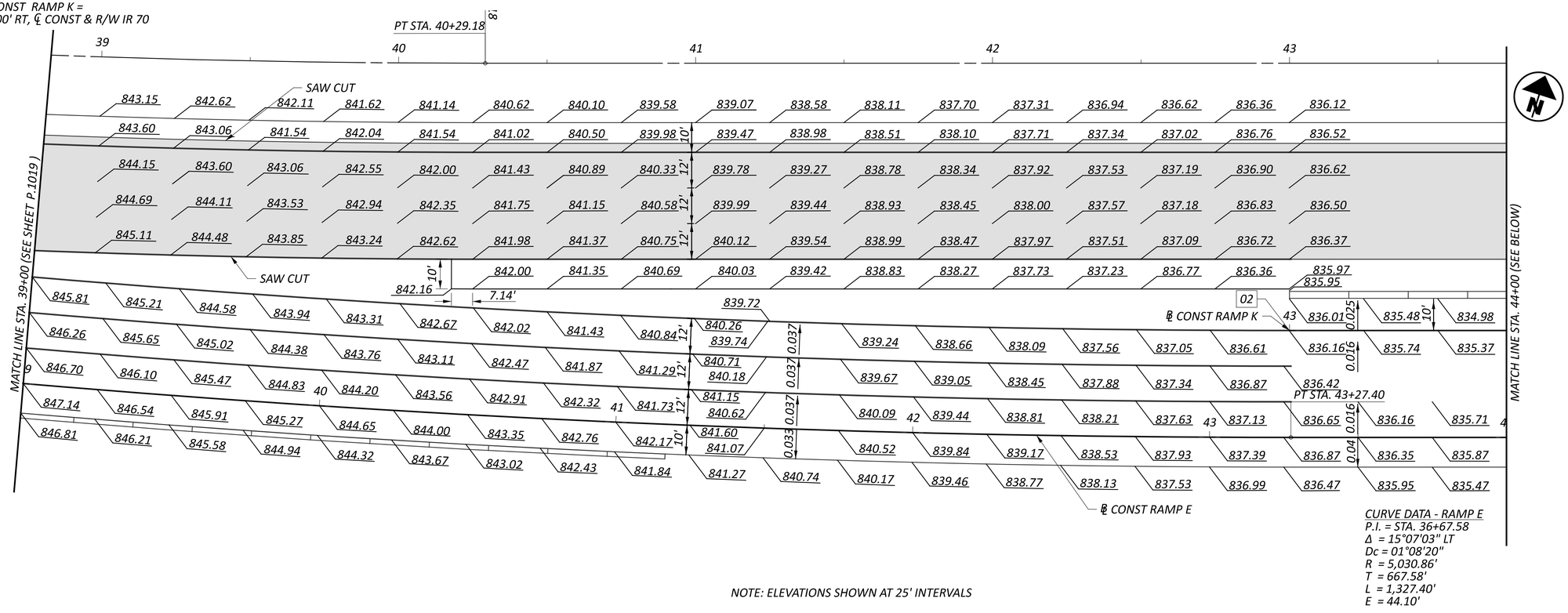
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1019 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:27 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI251.dgn

02 STA. 43+00.00, ℄ CONST RAMP K =
STA. 43+00.00, 90.00' RT, ℄ CONST & R/W IR 70

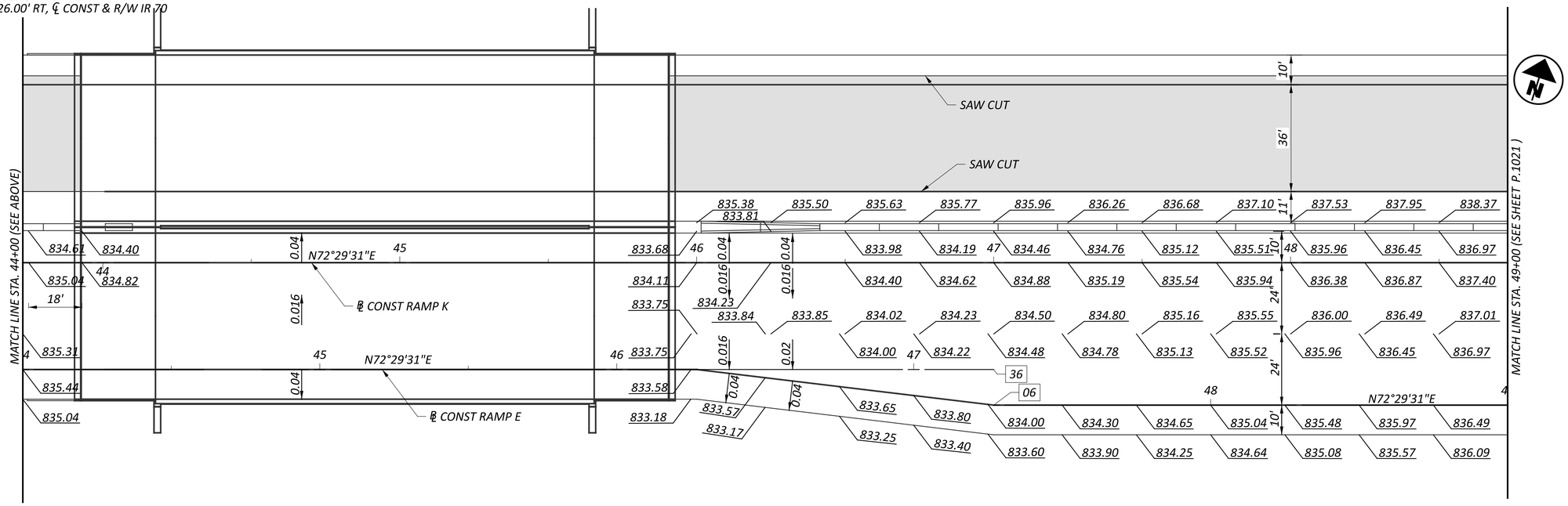


CURVE DATA - RAMP E
P.I. = STA. 36+67.58
Δ = 15°07'03" LT
Dc = 01°08'20"
R = 5,030.86'
T = 667.58'
L = 1,327.40'
E = 44.10'

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

06 STA. 47+26.92, ℄ CONST RAMP E =
STA. 47+26.92, 12.00' RT, ℄ CONST RAMP E

36 STA. 47+26.92, ℄ CONST RAMP E =
STA. 47+00.00, 126.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMPS E & K
STA. 39+00.00 TO STA. 49+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1020
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070E - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:36 PM USER: brieder
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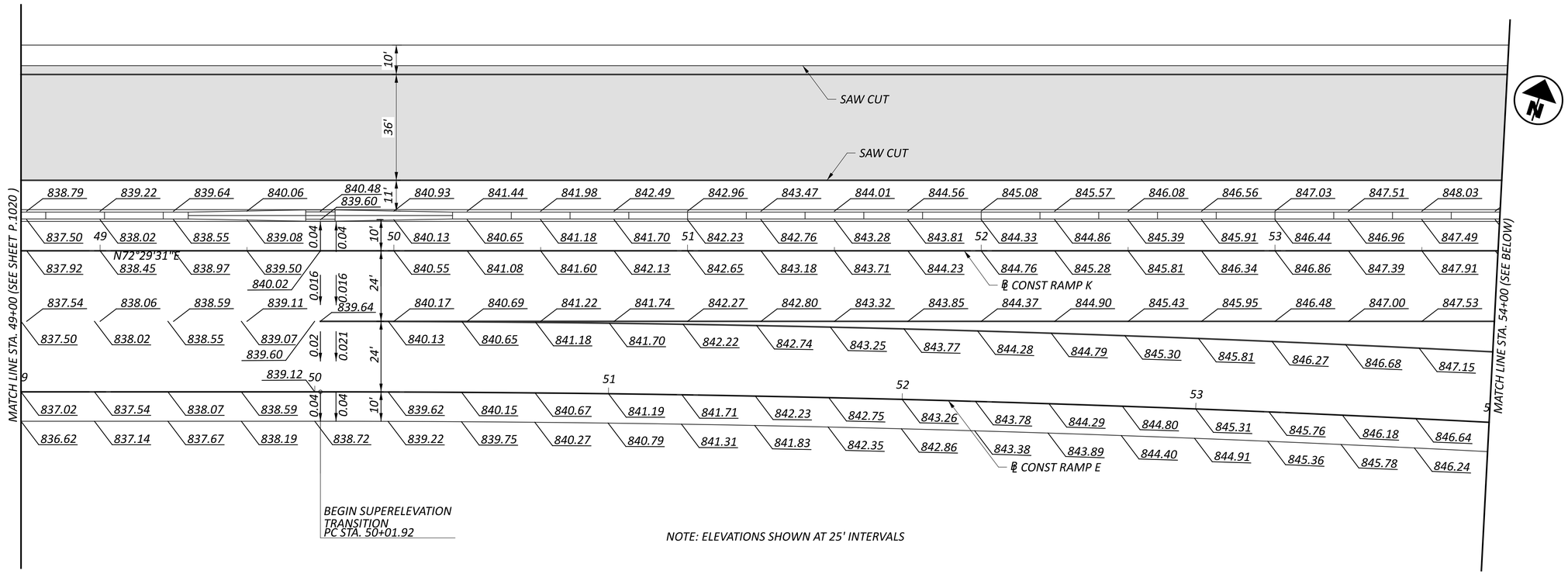
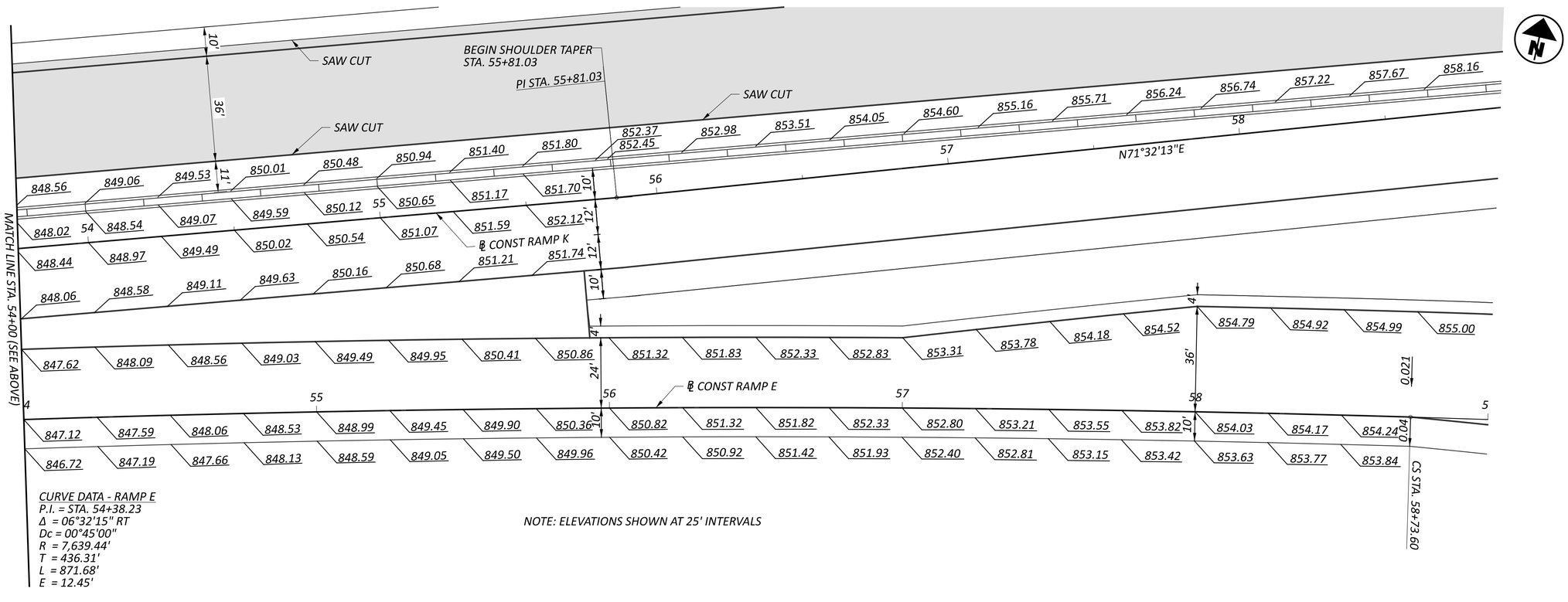




HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMPS E & K
STA. 49+00.00 TO STA. 59+00.00

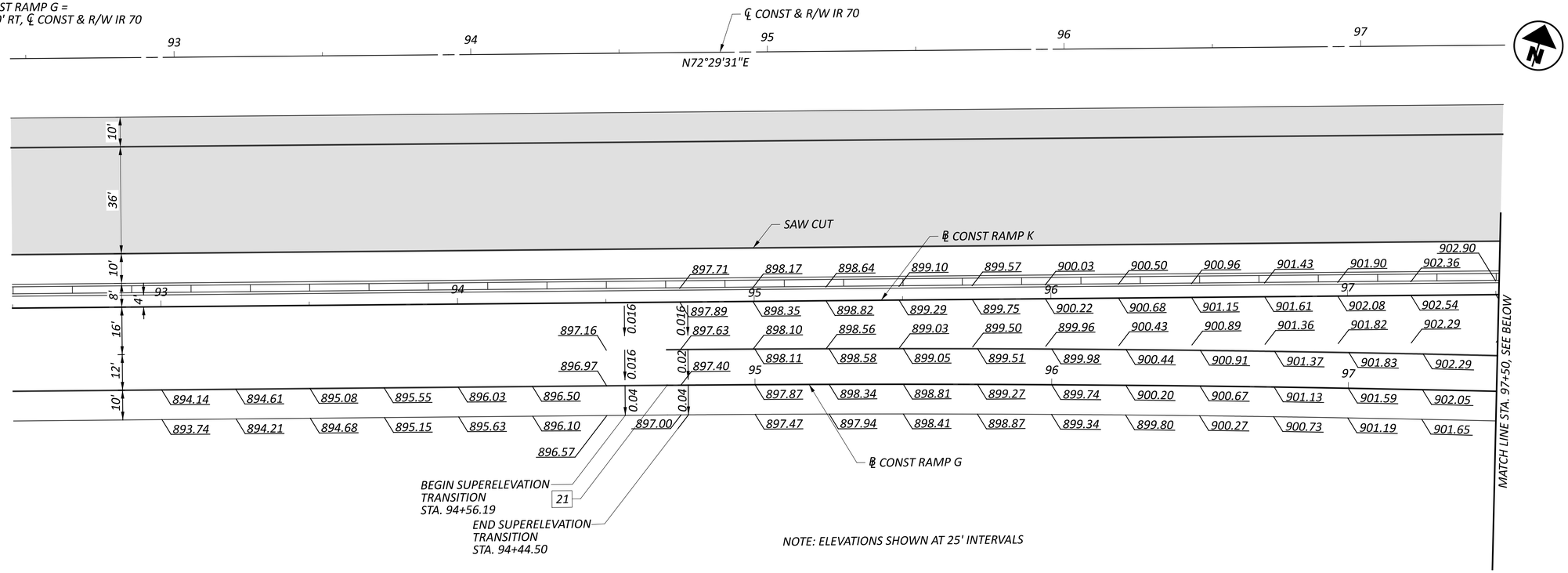
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1021
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

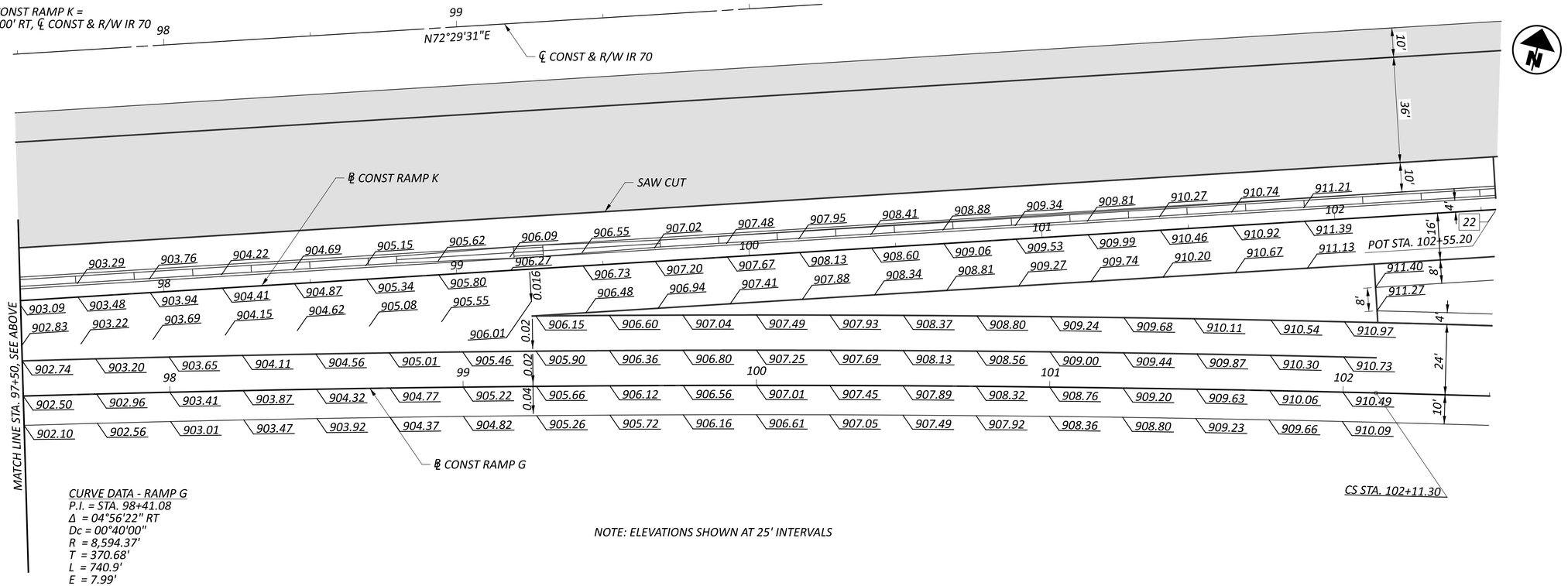
MODEL: BLP_R070E - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:44 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI253.dgn

21 STA. 94+70.40, ℄ CONST RAMP G =
STA. 94+65.20, 112.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

22 STA. 102+55.20, ℄ CONST RAMP K =
STA. 102+50.00, 84.00' RT, ℄ CONST & R/W IR 70



CURVE DATA - RAMP G
P.I. = STA. 98+41.08
Δ = 04°56'22" RT
Dc = 00°40'00"
R = 8,594.37'
T = 370.68'
L = 740.9'
E = 7.99'

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP G
STA. 92+50.00 TO STA. 102+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1022
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_Rd70G - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:06:53 PM USER: brieder
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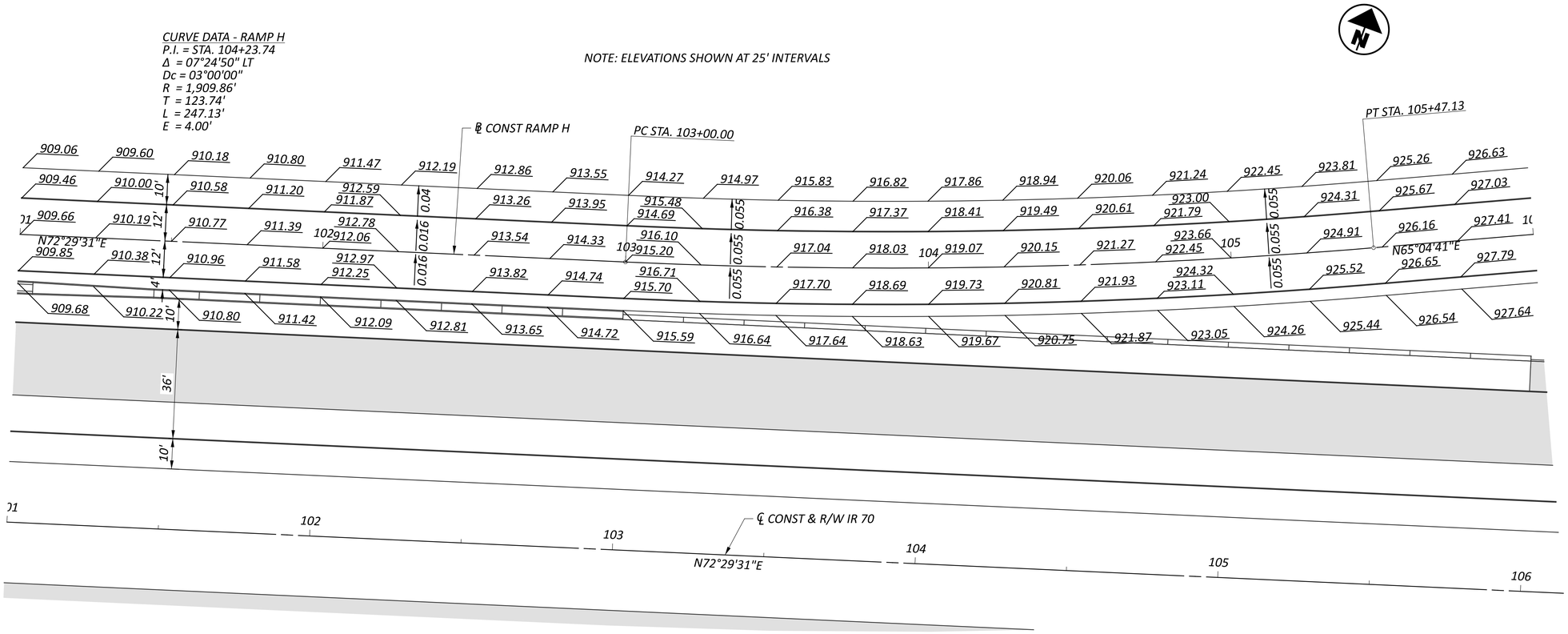
CURVE DATA - RAMP H
P.I. = STA. 104+23.74
Δ = 07°24'50" LT
Dc = 03°00'00"
R = 1,909.86'
T = 123.74'
L = 247.13'
E = 4.00'

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS



HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP H
STA. 101+00.00 TO STA. 106+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1023
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:07:00 PM USER: brieder
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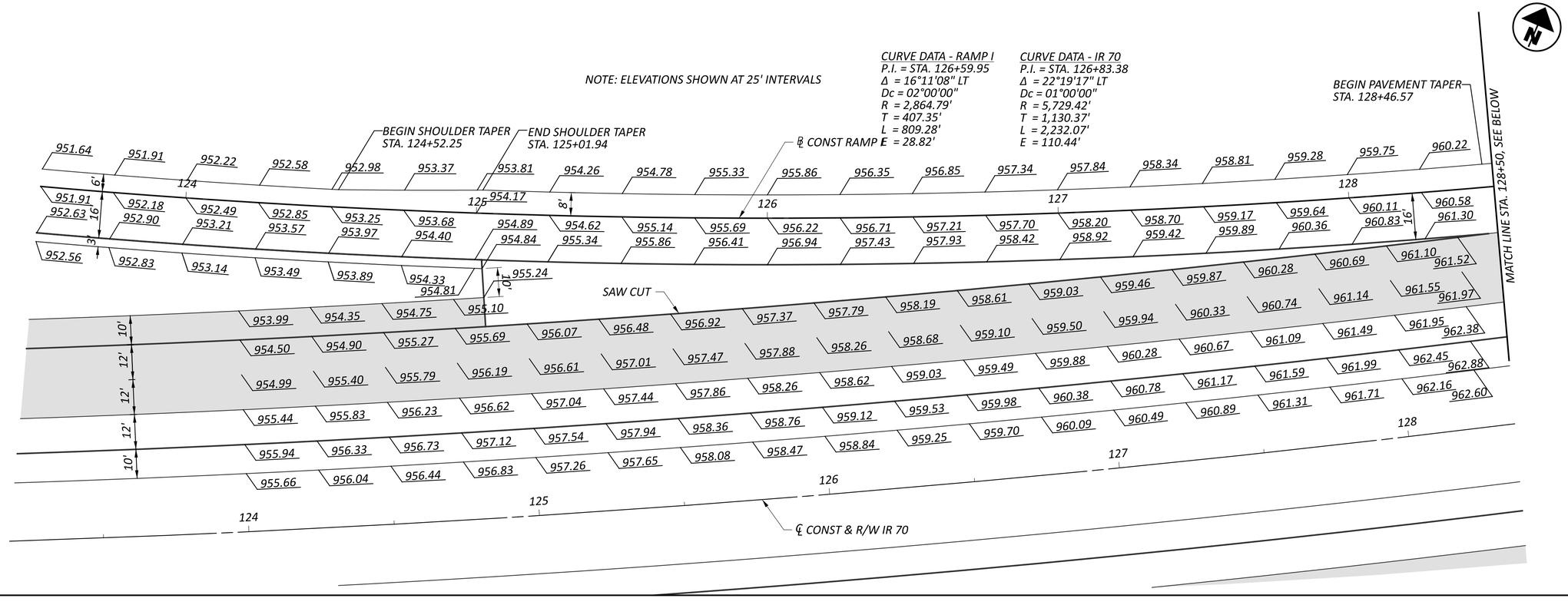

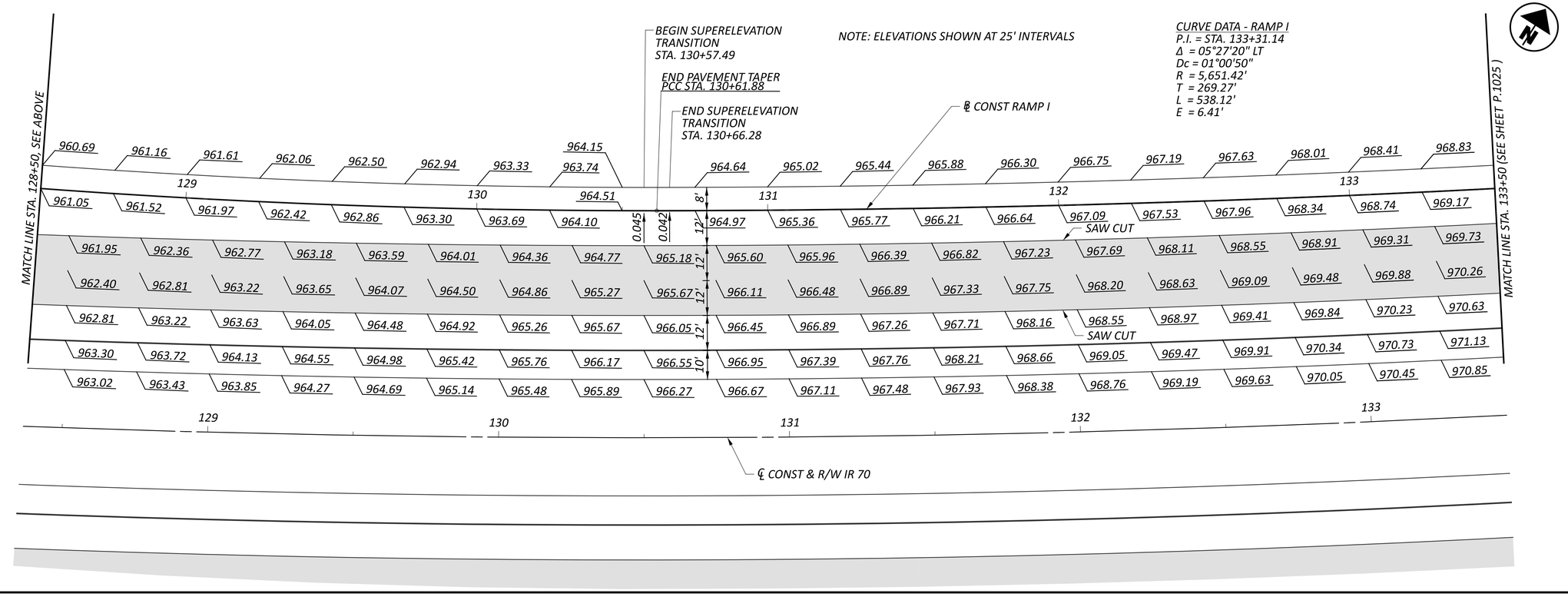

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP I
STA. 123+50.00 TO STA. 133+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:07:09 PM USER: brieder
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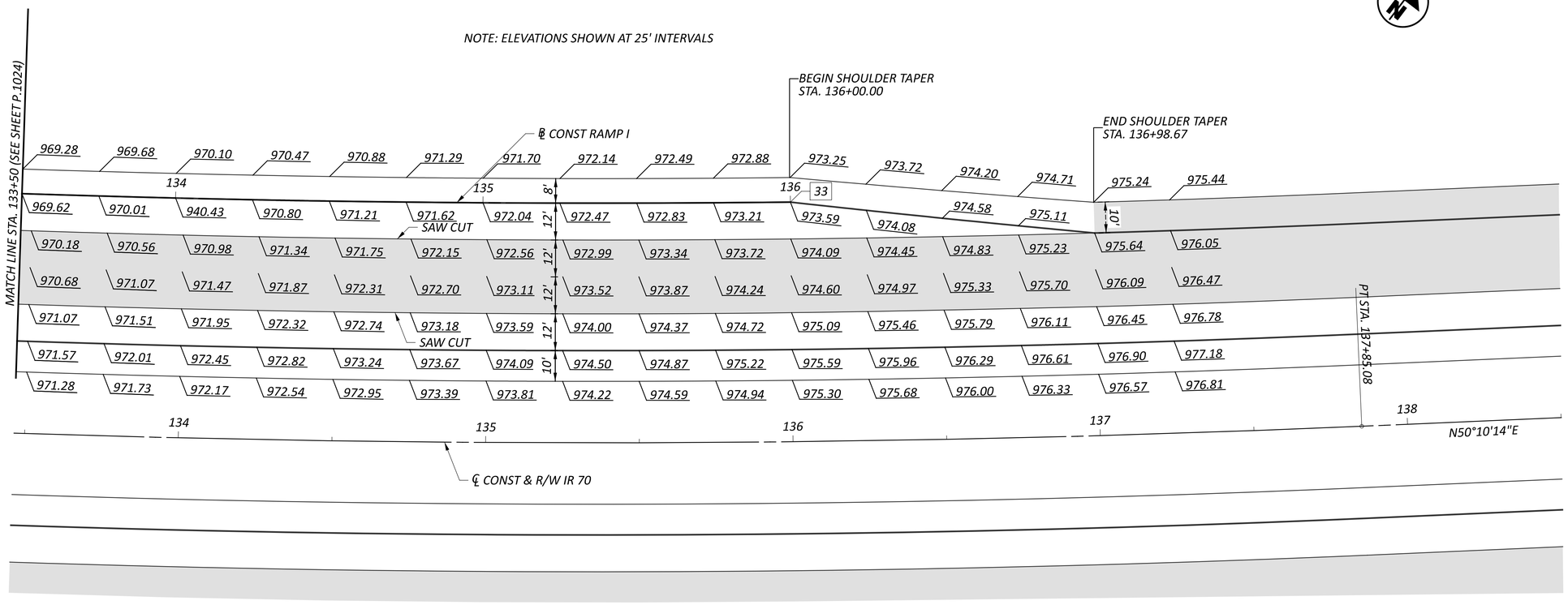
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1024
TOTAL	P.2024

33 STA. 136+00.00, ℄ CONST RAMP I =
STA. 136+00.00, 78.00' LT, ℄ CONST & R/W IR 70



HORIZONTAL
SCALE IN FEET
0 10 20 40

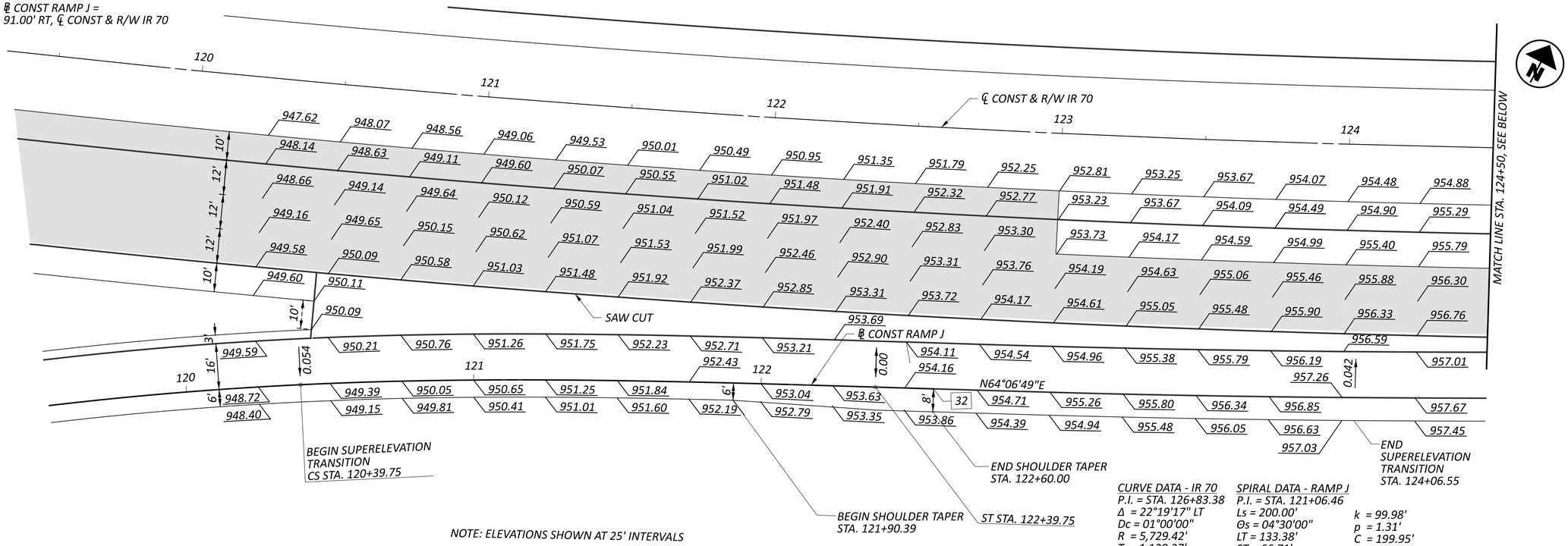
RAMP TERMINAL DETAILS - RAMP I
STA. 133+50.00 TO STA. 138+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:07:16 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GI282.dgn

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1025 TOTAL P.2024

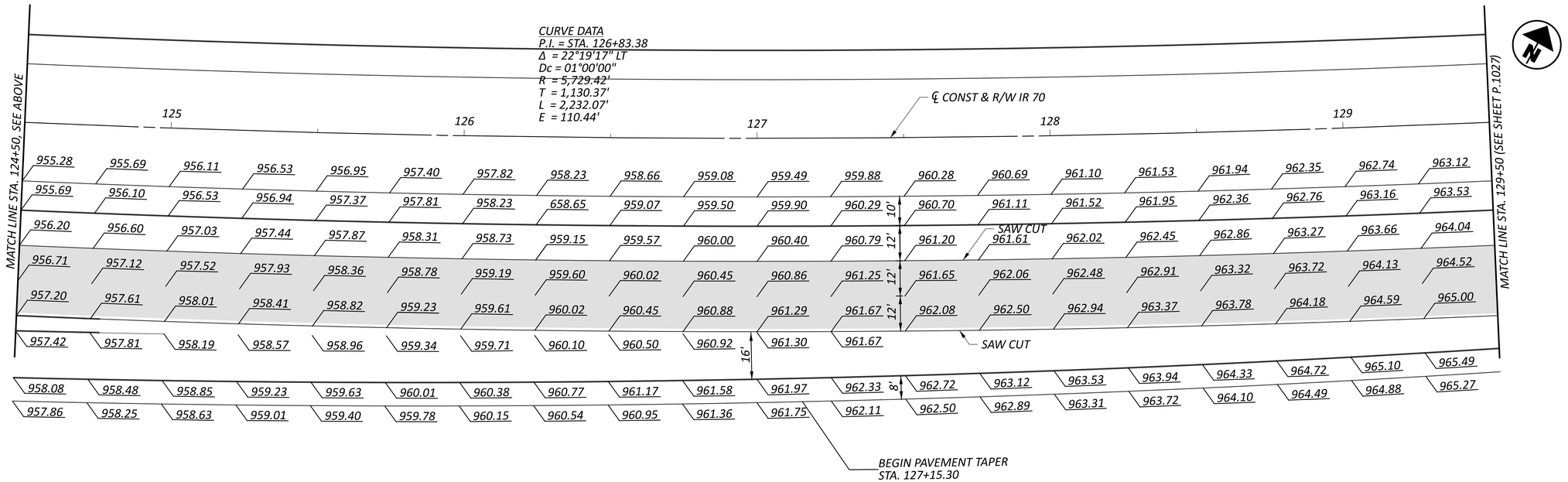
32 STA. 122+60.00, ℄ CONST RAMP J =
STA. 122+60.00, 91.00' RT, ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS

CURVE DATA - IR 70
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'

SPIRAL DATA - RAMP J
P.I. = STA. 121+06.46
Ls = 200.00'
Θs = 04°30'00"
LT = 133.38'
ST = 66.71'
x = 199.67'
y = 10.46'
k = 99.98'
p = 1.31'
C = 199.95'
Start = Sta. 120+39.75
End = Sta. 122+39.75
C.B. = N62°36'49"E



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS
FROM ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 10 20 40

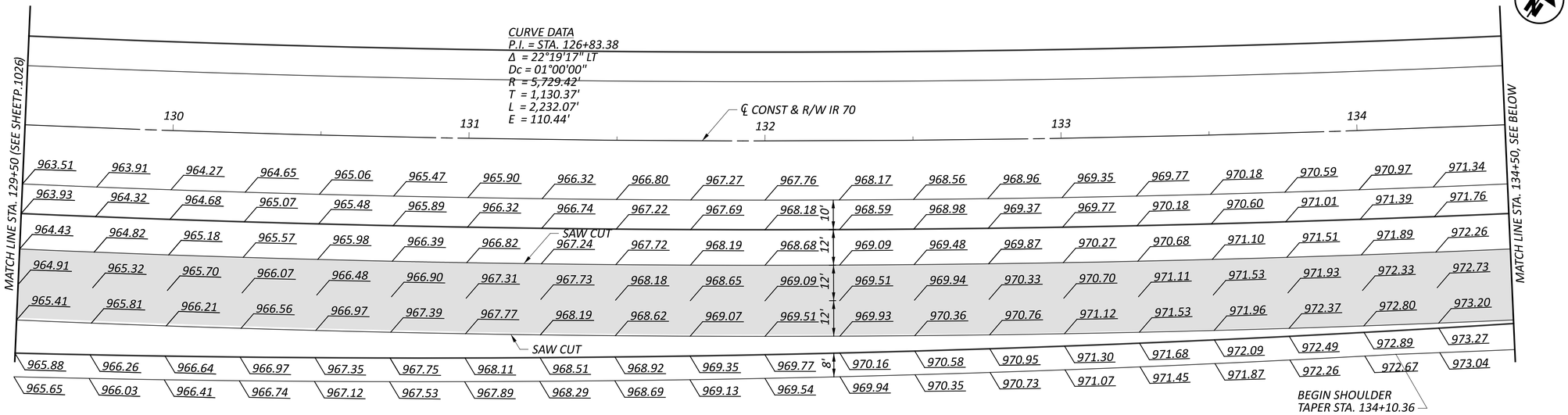
RAMP TERMINAL DETAILS - RAMP J
STA. 119+50.00 TO STA. 129+50.00

DESIGN AGENCY
WILBUR SMITH STRUCTUREPOINT INC.

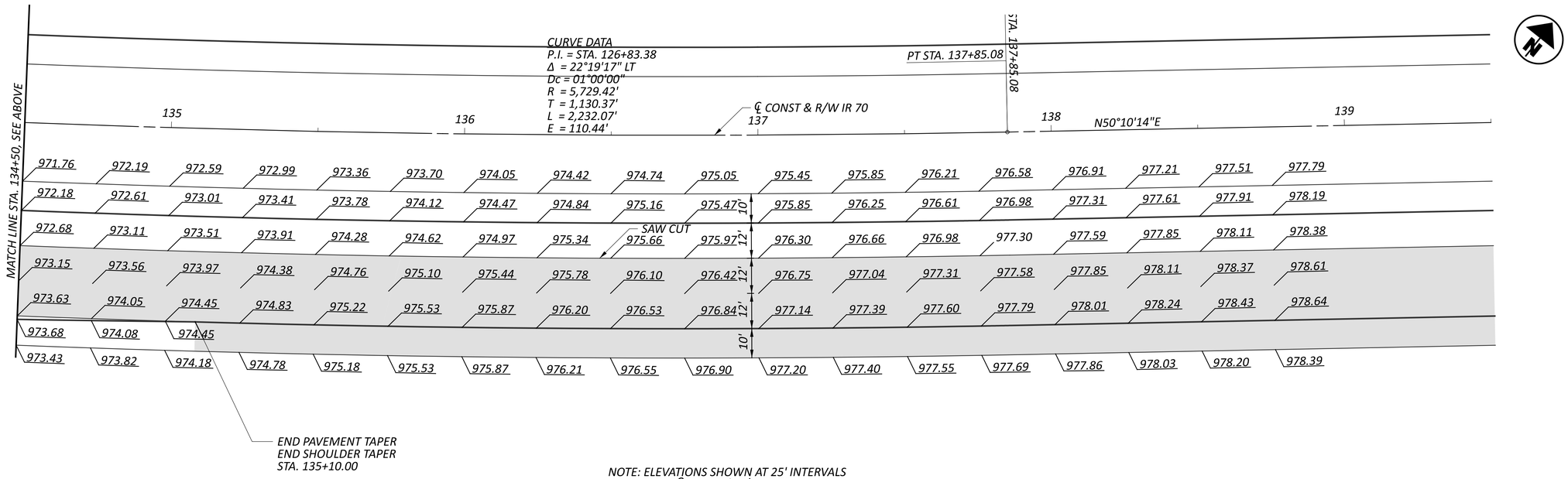
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1026
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R07(J - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:07:26 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Roadway\Sheets\96808_GI291.dgn



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS
FROM ℄ CONST & R/W IR 70



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS
FROM ℄ CONST & R/W IR 70

HORIZONTAL SCALE IN FEET
0 10 20 40

RAMP TERMINAL DETAILS - RAMP J
STA. 129+50.00 TO STA. 139+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1027 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:07:34 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_GI292.dgn

11 STA. 66+93.83, ℄ CONST RAMP E =
STA. 16+66.26, 45.93' LT, ℄ CONST & R/W SR 256

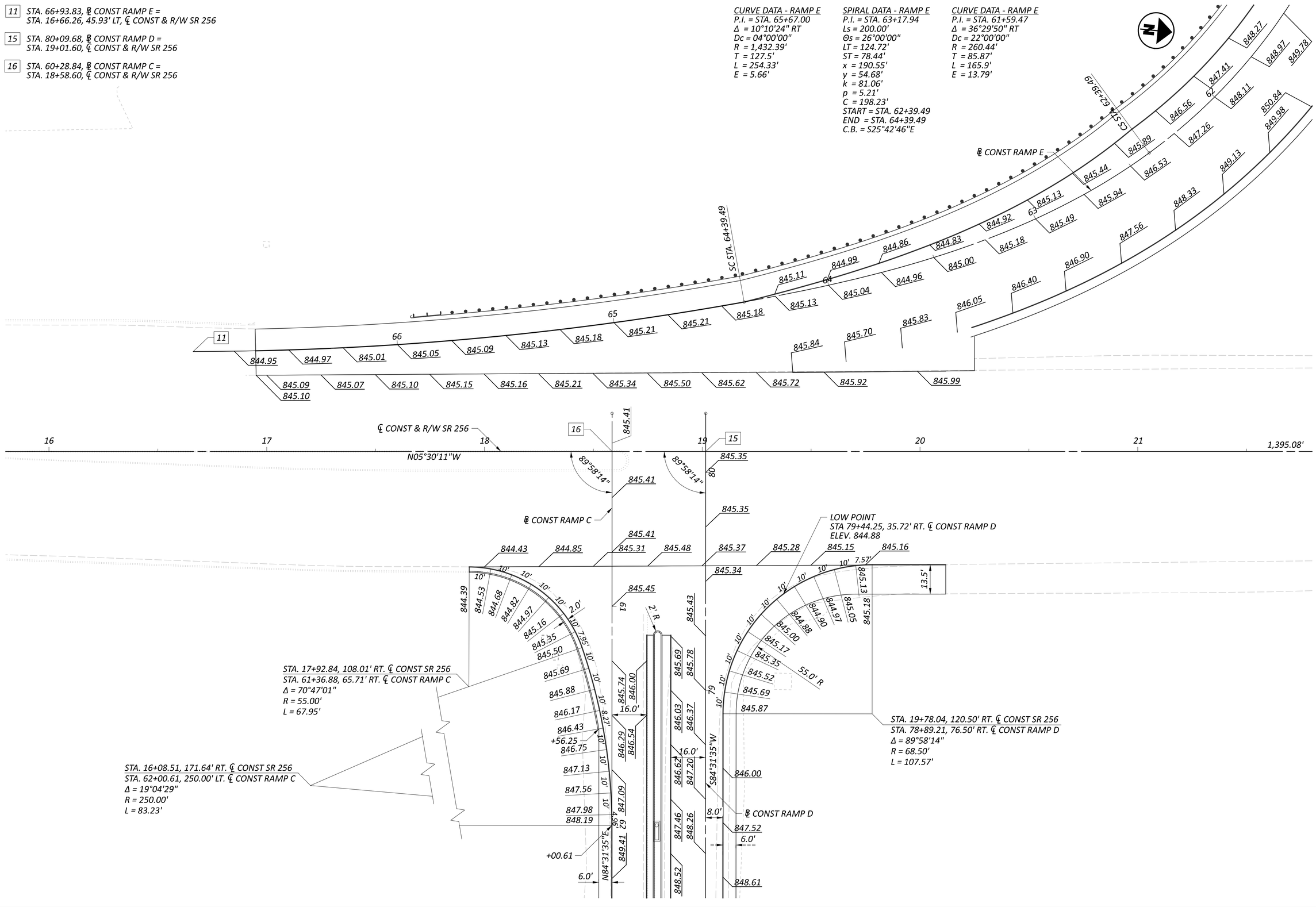
15 STA. 80+09.68, ℄ CONST RAMP D =
STA. 19+01.60, ℄ CONST & R/W SR 256

16 STA. 60+28.84, ℄ CONST RAMP C =
STA. 18+58.60, ℄ CONST & R/W SR 256

CURVE DATA - RAMP E
P.I. = STA. 65+67.00
Δ = 10°10'24" RT
Dc = 04°00'00"
R = 1,432.39'
T = 127.5'
L = 254.33'
E = 5.66'

SPIRAL DATA - RAMP E
P.I. = STA. 63+17.94
Ls = 200.00'
Θs = 26°00'00"
LT = 124.72'
ST = 78.44'
x = 190.55'
y = 54.68'
k = 81.06'
p = 5.21'
C = 198.23'
START = STA. 62+39.49
END = STA. 64+39.49
C.B. = S25°42'46"E

CURVE DATA - RAMP E
P.I. = STA. 61+59.47
Δ = 36°29'50" RT
Dc = 22°00'00"
R = 260.44'
T = 85.87'
L = 165.9'
E = 13.79'



HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
SR 256, RAMP C, RAMP D, & RAMP E

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1028
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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09 STA. 64+80.86, ℄ CONST RAMP A =
STA. 28+33.41, ℄ CONST & R/W SR 256

10 STA. 64+09.09, ℄ CONST RAMP B =
STA. 28+25.00, ℄ CONST & R/W SR 256

CURVE DATA - RAMP A
P.I. = STA. 62+96.52
Δ = 32°49'39" RT
Dc = 13°00'00"
R = 440.74'
T = 129.83'
L = 252.52'
E = 18.72'

CURVE DATA - SR 256
P.I. = STA. 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'
E = 28.92'

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
SR 256, RAMP A, & RAMP B

℄ CONST RAMP A

STA. 26+94.40, 76.20' LT. ℄ CONST SR 256
STA. 63+67.33, 121.50' RT. ℄ CONST RAMP B
Δ = 28°38'52"
R = 104.00'
L = 52.00'

STA. 27+80.92, 57.96' LT. ℄ CONST SR 256
STA. 64+20.52, 42.45' RT. ℄ CONST RAMP B
Δ = 77°31'20"
R = 15.72'
L = 21.33'

STA. 28+92.37, 124.00' LT. ℄ CONST SR 256
STA. 63+53.76, 85.72' LT. ℄ CONST RAMP A
Δ = 73°39'58"
R = 70.00'
L = 90.00'

PT STA. 64+19.21

℄ CONST & R/W SR 256

N05°30'11"W

N74°31'05"E

80°01'17"

87°00'00"

N87°29'49"E

PC STA. 28+65.36

LOW POINT
STA 64+80.34,
24.78' RT. ℄
CONST RAMP B
ELEV. 855.24

STA. 27+94.28, 51.80' RT. ℄ CONST SR 256
STA. 64+62.43, 27.97' RT. ℄ CONST RAMP B
Δ = 88°21'46"
R = 10.00'
L = 15.42'

STA. 28+73.12, 109.47' RT. ℄
CONST SR 256
STA. 65+15.87, 54.00' LT. ℄
CONST RAMP B
Δ = 61°35'35"
R = 46.00'
L = 49.45'

STA. 29+28.92, 235.05' RT. ℄ CONST SR 256
STA. 66+37.64, 119.86' LT. ℄ CONST RAMP B
Δ = 35°11'38"
R = 184.44'
L = 113.29'

℄ CONST RAMP B

IR 70 WB

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1029 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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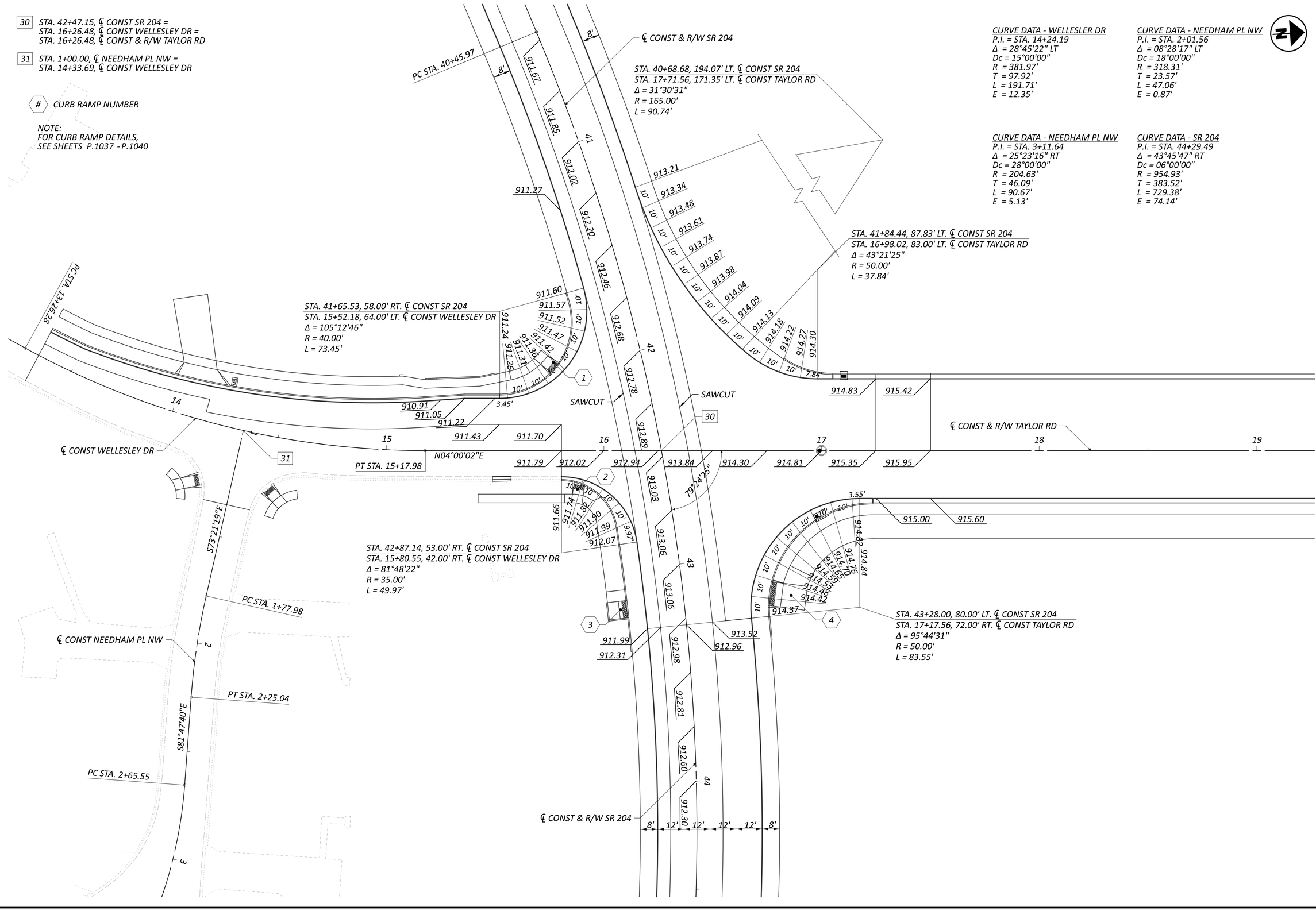
30 STA. 42+47.15, ℄ CONST SR 204 =
STA. 16+26.48, ℄ CONST WELLESLEY DR =
STA. 16+26.48, ℄ CONST & R/W TAYLOR RD

31 STA. 1+00.00, ℄ NEEDHAM PL NW =
STA. 14+33.69, ℄ CONST WELLESLEY DR

(#) CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.1037 - P.1040



CURVE DATA - WELLESLER DR
P.I. = STA. 14+24.19
Δ = 28°45'22" LT
Dc = 15°00'00"
R = 381.97'
T = 97.92'
L = 191.71'
E = 12.35'

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 2+01.56
Δ = 08°28'17" LT
Dc = 18°00'00"
R = 318.31'
T = 23.57'
L = 47.06'
E = 0.87'

CURVE DATA - NEEDHAM PL NW
P.I. = STA. 3+11.64
Δ = 25°23'16" RT
Dc = 28°00'00"
R = 204.63'
T = 46.09'
L = 90.67'
E = 5.13'

CURVE DATA - SR 204
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'

HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD, SR 204, & WELLESLEY DR

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1030 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:10:22 PM USER: brieder
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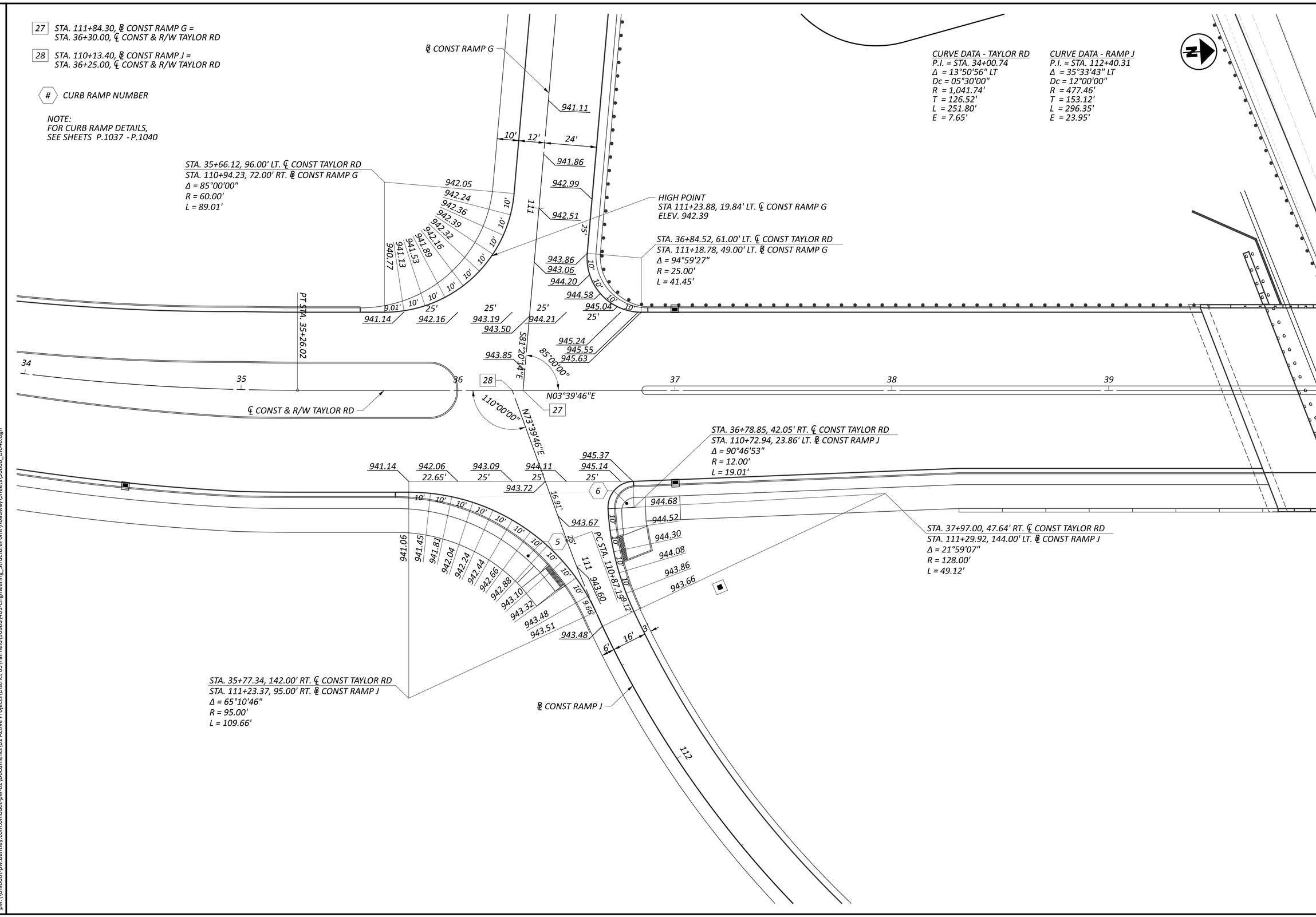

HORIZONTAL SCALE IN FEET 0 10 20 40

INTERSECTION DETAILS
TAYLOR RD, RAMP G, & RAMP J

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: BER

REVIEWER: KAM 08/07/26

PROJECT ID: 96808

SHEET: P.1031 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:10:38 PM USER: brieder
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24 STA. 114+03.78, ℄ CONST RAMP I =
STA. 43+20.00, ℄ CONST & R/W TAYLOR RD

25 STA. 113+68.11, ℄ CONST RAMP H =
STA. 43+07.23, ℄ CONST & R/W TAYLOR RD

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS
SEE SHEETS P.1037 - P.1040

℄ CONST RAMP H

STA. 43+81.14, 141.95' LT. ℄ CONST TAYLOR RD
STA. 112+60.00, 118.00' LT. ℄ CONST RAMP H
Δ = 68°21'06"
R = 106.00'
L = 126.45'

CURVE DATA - TAYLOR RD
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'

CURVE DATA - RAMP H
P.I. = STA. 111+15.77
Δ = 08°35'05" RT
Dc = 03°00'00"
R = 1,909.86'
T = 143.35'
L = 286.15'
E = 5.37'

STA. 42+52.79, 56.00' LT.
℄ CONST TAYLOR RD
STA. 112+96.87, 32.00' LT.
℄ CONST RAMP H
Δ = 110°00'00"
R = 20.00'
L = 38.40'

PT STA. 112+58.58

HIGH POINT
STA 112+98.99, 19.48'
RT. ℄ CONST RAMP H
ELEV. 958.89

PC STA. 45+13.53

℄ CONST & R/W TAYLOR RD

N03°39'46"E

113 N73°39'46"E

110°00'00"

110°00'00"

N73°39'46"E

STA. 43+90.06, 61.00' RT.
℄ CONST TAYLOR RD
STA. 114+50.86, 49.00' RT.
℄ CONST RAMP I
Δ = 70°00'00"
R = 25.00'
L = 30.54'

HIGH POINT
STA 114+82.25,
16.19' RT. ℄
CONST RAMP I
ELEV. 957.40

STA. 43+96.51, 90.33' RT. ℄ CONST TAYLOR RD
STA. 115+14.83, 41.00' LT. ℄ CONST RAMP I
Δ = 94°38'15"
R = 41.00'
L = 67.72'

℄ CONST RAMP I

STA. 45+21.67, 561.90' RT. ℄ CONST TAYLOR RD
STA. 120+02.23, 1.46' LT. ℄ CONST RAMP I
Δ = 13°40'07"
R = 530.00'
L = 126.44'

HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD, RAMP H, & RAMP I

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1032 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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23 STA. 15+74.78, ℄ CONST TAYLOR RD SW =
STA. 51+00.00, ℄ CONST & R/W TAYLOR RD

CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.1037 - P.1040

STA. 49+61.96, 214.00' LT. ℄ CONST TAYLOR RD
STA. 12+97.25, 106.73' RT. ℄ CONST TAYLOR RD SW
Δ = 22°51'22"
R = 198.00'
L = 78.99'

STA. 49+84.59, 109.33' LT. ℄ CONST TAYLOR RD
STA. 14+49.16, 118.00' RT. ℄ CONST TAYLOR RD SW
Δ = 44°12'17"
R = 98.00'
L = 75.61'

STA. 50+16.34, 84.99' LT. ℄ CONST TAYLOR RD
STA. 14+85.45, 88.00' RT. ℄ CONST TAYLOR RD SW
Δ = 29°40'13"
R = 58.00'
L = 30.04'

℄ CONST TAYLOR RD SW

CURVE DATA - TAYLOR RD
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'

CURVE DATA - TAYLOR RD SW
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.2'
E = 24.81'

STA. 52+84.94, 180.10' LT. ℄ CONST TAYLOR RD
STA. 14+50.35, 218.00' LT. ℄ CONST TAYLOR RD SW
Δ = 14°20'04"
R = 198.00'
L = 49.54'

STA. 52+04.83, 127.26' LT. ℄ CONST TAYLOR RD
STA. 14+69.14, 121.72' LT. ℄ CONST TAYLOR RD SW
Δ = 59°57'02"
R = 98.00'
L = 102.54'

PT STA. 15+19.00
N86°06'17"E
PT STA. 52+40.56
PC STA. 50+31.92
N07°38'23"W
℄ CONST & R/W TAYLOR RD
90°
11.0'
6.0'
22.0'
5.61'
10.04'
8.99'
2.54'

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD & TAYLOR RD SW

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1033 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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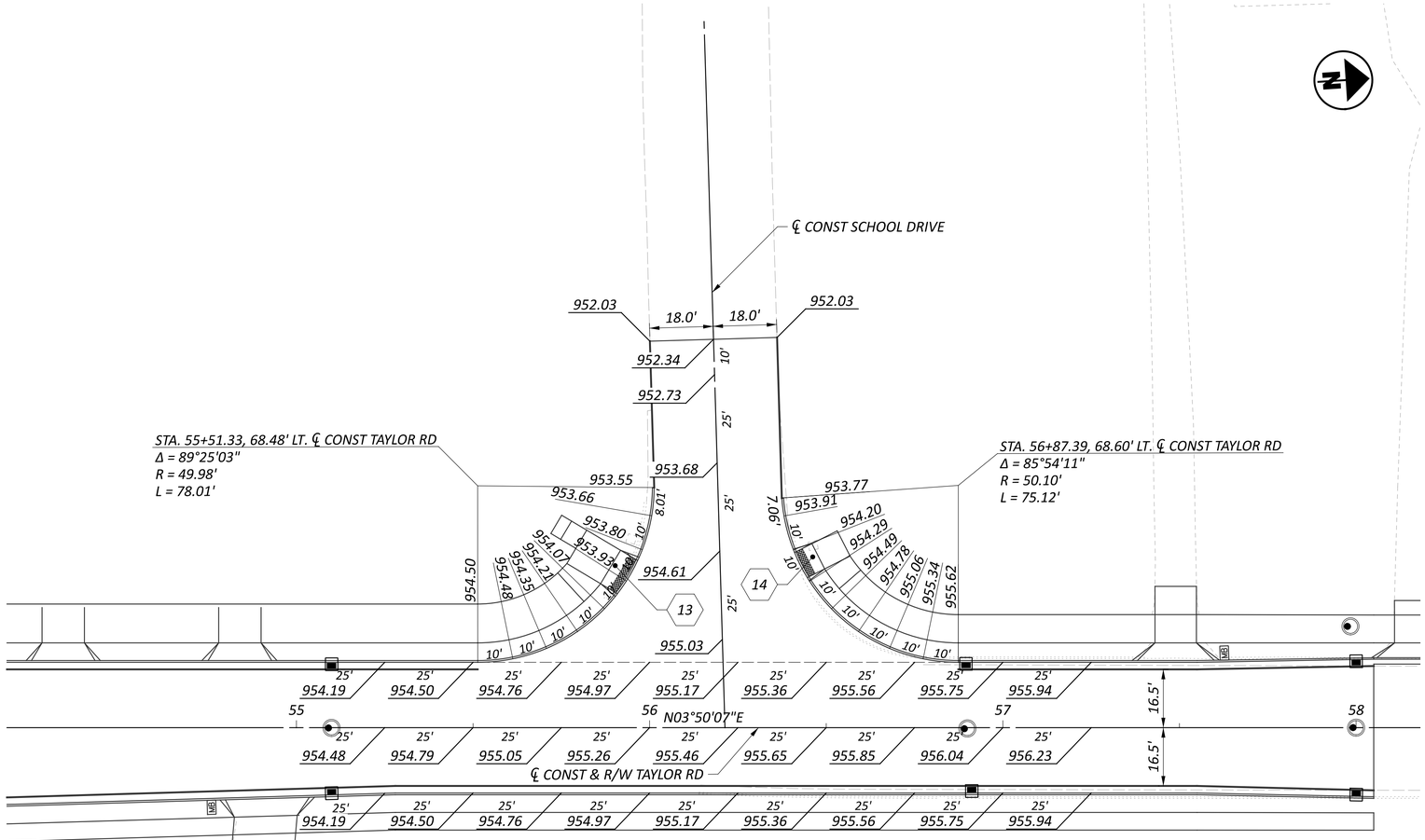
CURB RAMP NUMBER

NOTE:
FOR CURB RAMP DETAILS,
SEE SHEETS P.1037 - P.1040



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HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
TAYLOR RD & SCHOOL DRIVE

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1034 | TOTAL P.2024

35 STA. 103+44.36, ℄ CONST & R/W GEORGIAN DR SW =
STA. 22+45.49, ℄ R/W PALMER RD

CURVE DATA - GEORGIAN DR SW
P.I. = STA. 101+91.35
Δ = 36°35'33" LT
Dc = 20°30'00"
R = 279.49'
T = 92.41'
L = 178.50'
E = 14.88'

℄ CONST & R/W PALMER RD

985.90 986.42 987.02 987.69 988.44 989.27 990.18 991.16 992.22 993.36
986.10 986.63 987.24 987.92 988.68 989.51 990.42 991.40 992.46 993.60
985.41 987.06 987.69 988.44 990.18 991.16 992.22 993.36
986.19 986.96 988.92 989.27
986.99 987.14 987.52 988.03 988.55 989.06 989.58 988.41
989.12 989.74 988.71 988.27 989.16 989.61

20 21 22 23 24 25 35

S86°10'34"E 847.58'
69°01'23"
N24°48'02"E 28.3'
N61°23'36"E

STA. 21+75.65, 57.87' RT. ℄ CONST PALMER RD
STA. 102+63.14, 44.00' LT. ℄ CONST GEORGIAN DR SW
Δ = 112°12'41"
R = 34.00'
L = 66.59'

STA. 22+74.32, 50.00' RT. ℄ CONST PALMER RD
STA. 103+08.07, 45.00' RT. ℄ CONST GEORGIAN DR SW
Δ = 69°01'23"
R = 35.00'
L = 42.16'

PT STA. 102+77.44
PC STA. 100+98.94

℄ CONST & R/W GEORGIAN DR SW

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAILS
PALMER RD & GEORGIAN DR

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1035 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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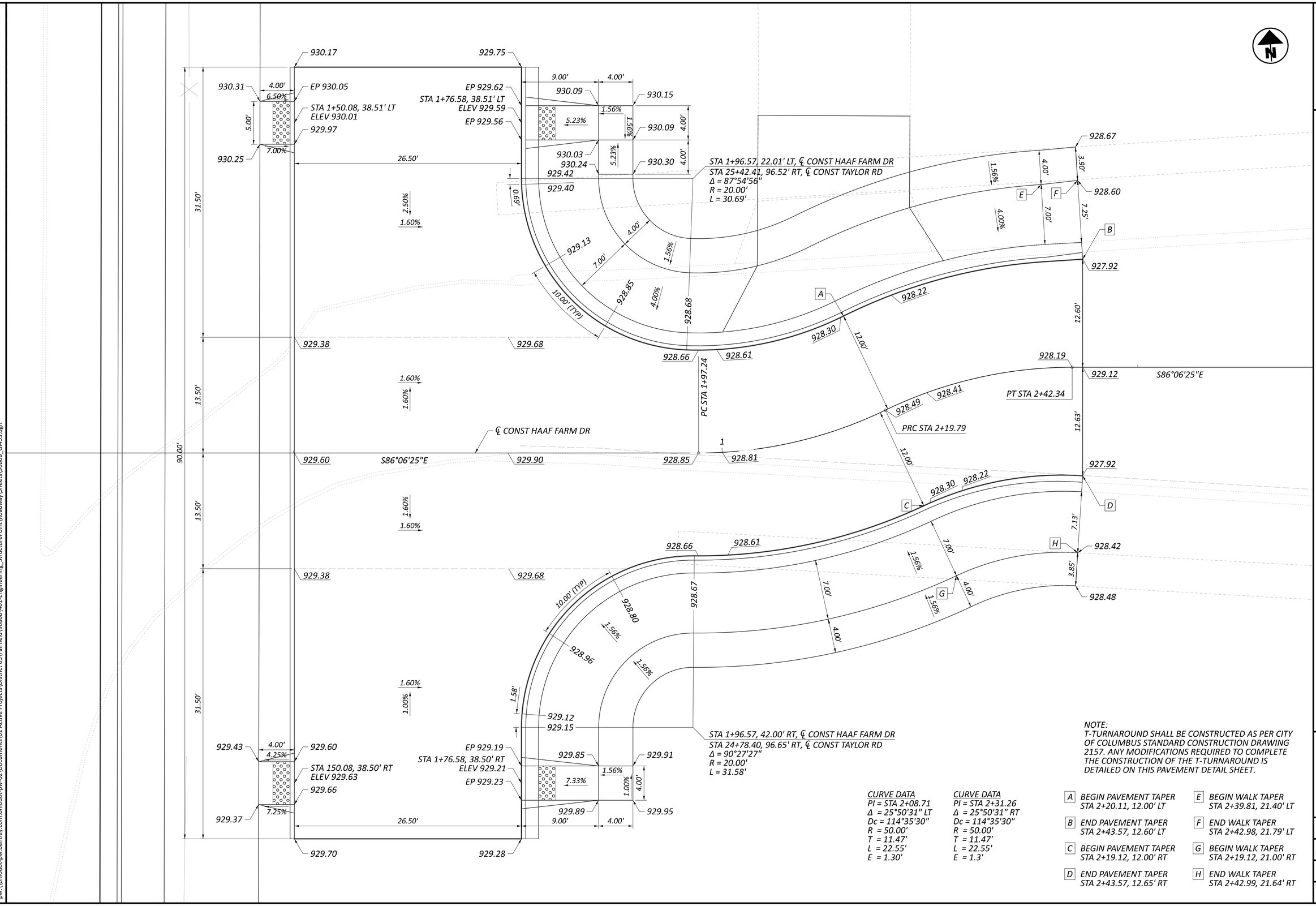

NOTE:
T-TURNAROUND SHALL BE CONSTRUCTED AS PER CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 2157. ANY MODIFICATIONS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE T-TURNAROUND IS DETAILED ON THIS PAVEMENT DETAIL SHEET.

CURVE DATA
PI = STA 2+08.71
Δ = 25°50'31" LT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.30'

CURVE DATA
PI = STA 2+31.26
Δ = 25°50'31" RT
Dc = 114°35'30"
R = 50.00'
T = 11.47'
L = 22.55'
E = 1.3'

- A BEGIN PAVEMENT TAPER STA 2+20.11, 12.00' LT
- B END PAVEMENT TAPER STA 2+43.57, 12.60' LT
- C BEGIN PAVEMENT TAPER STA 2+19.12, 12.00' RT
- D END PAVEMENT TAPER STA 2+43.57, 12.65' RT
- E BEGIN WALK TAPER STA 2+39.81, 21.40' LT
- F END WALK TAPER STA 2+42.98, 21.79' LT
- G BEGIN WALK TAPER STA 2+19.12, 21.00' RT
- H END WALK TAPER STA 2+42.99, 21.64' RT

HORIZONTAL SCALE IN FEET
0 2.5 5 10

PAVEMENT DETAILS HAAF FARMS DRIVE

DESIGN AGENCY
MORPHEN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1036 TOTAL P.2024

FAI/LIC-IR 70-0.0A0/0.00

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FAI/LIC-IR 70-0.00/0.00

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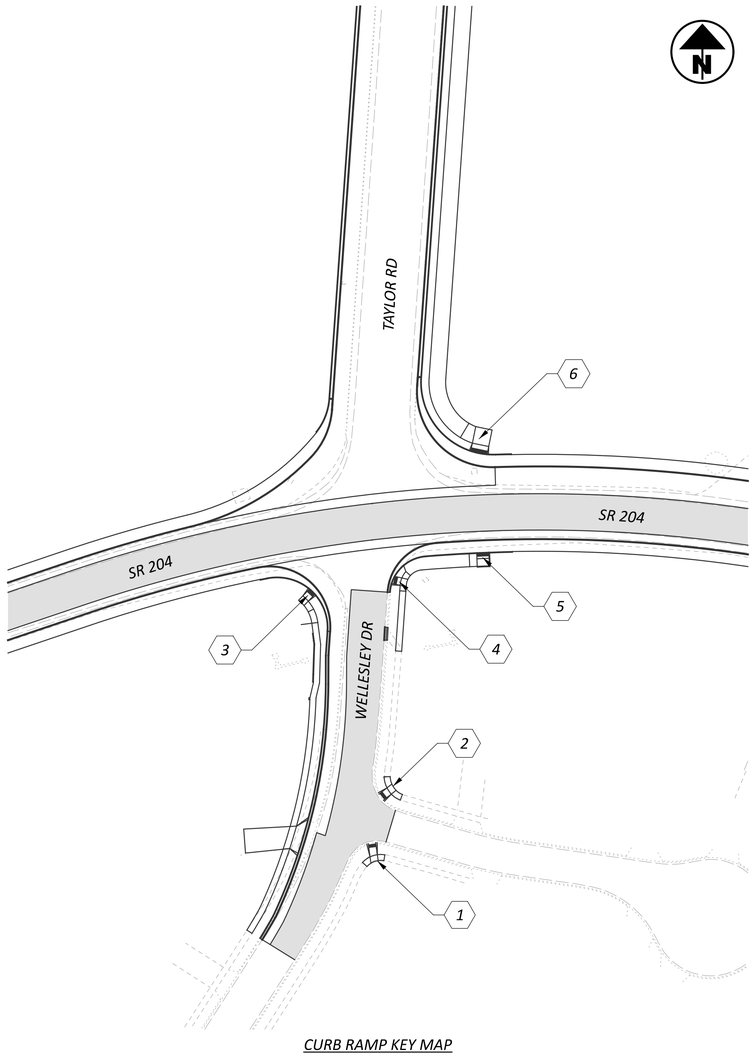
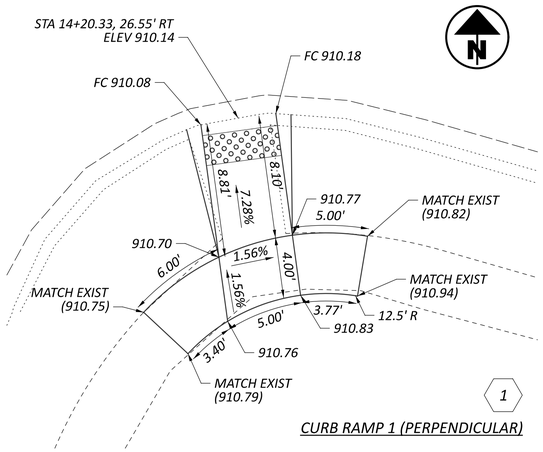
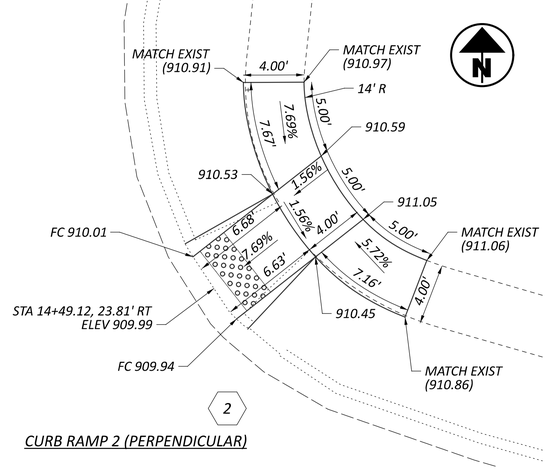


CURB RAMP KEY MAP
NOT TO SCALE



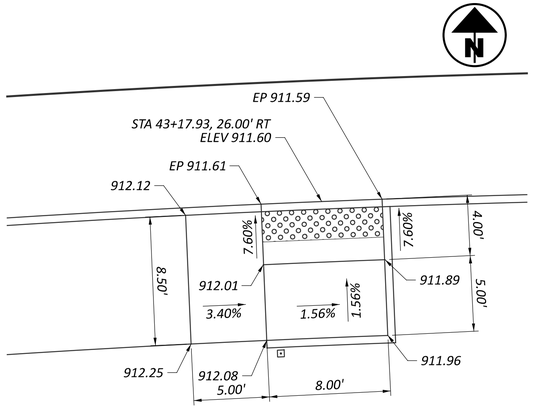
CURB RAMP 1 (PERPENDICULAR)



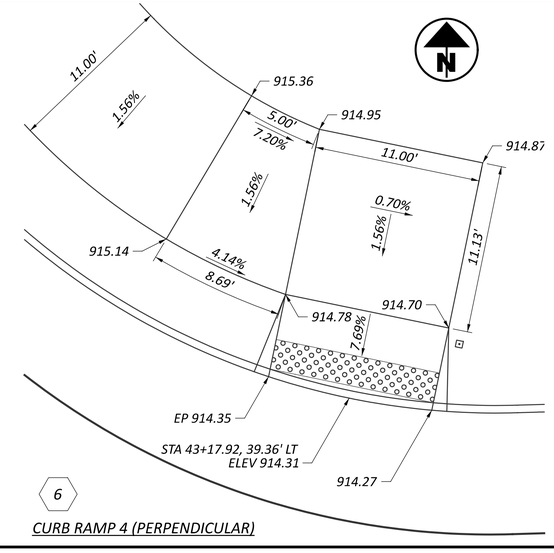
CURB RAMP 2 (PERPENDICULAR)

CURB RAMP 1 (PERPENDICULAR)

CURB RAMP 2 (PERPENDICULAR)



CURB RAMP 3 (PERPENDICULAR)



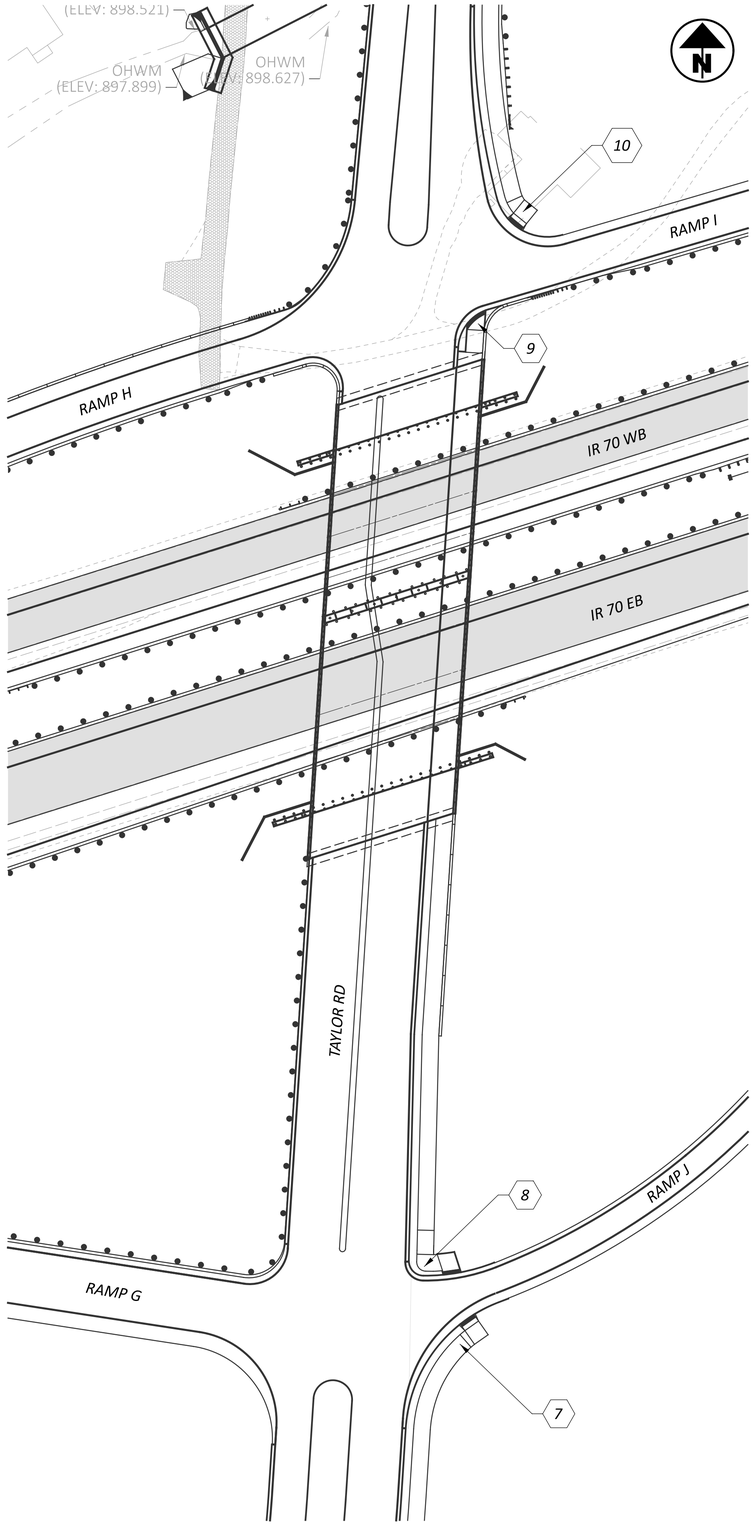
CURB RAMP 4 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

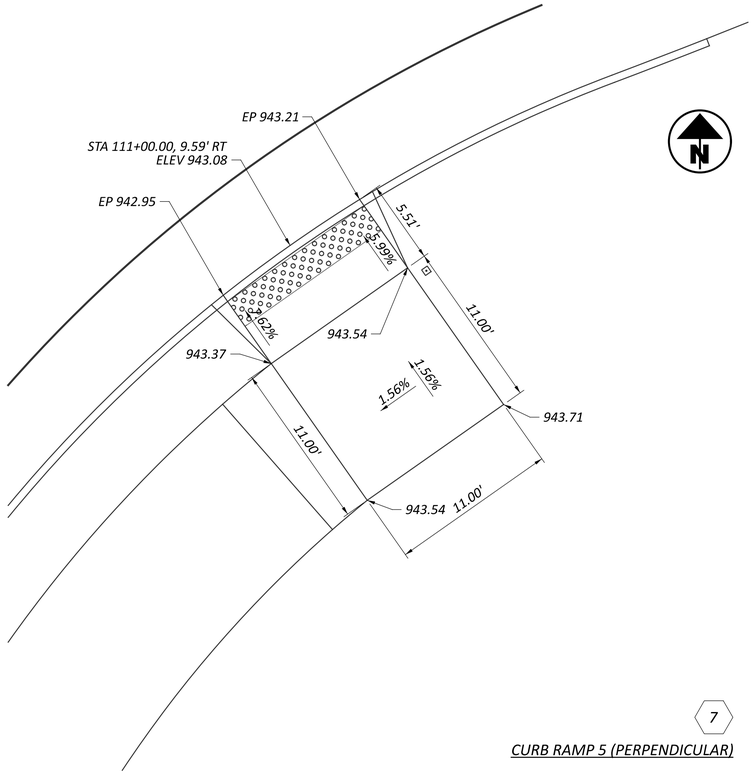
CURB RAMP DETAILS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1037
TOTAL	P.2024

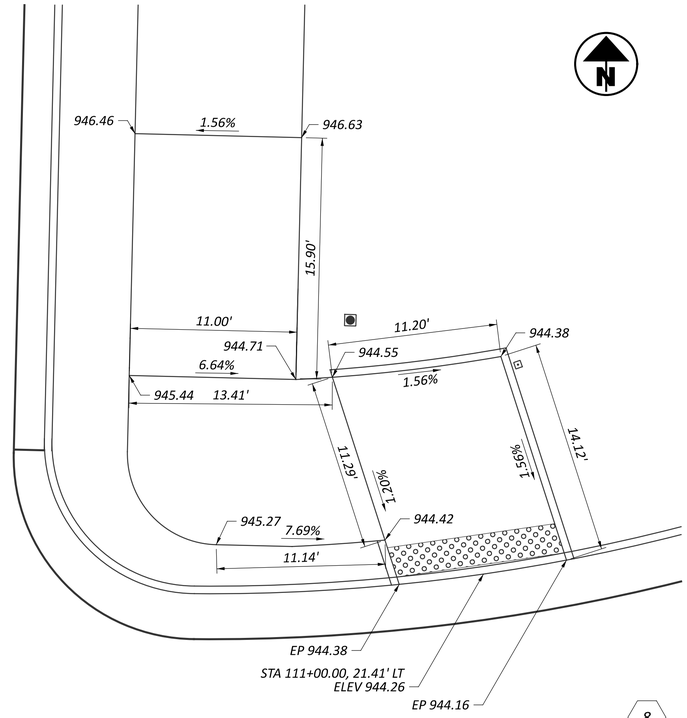


CURB RAMP KEY MAP
NOT TO SCALE



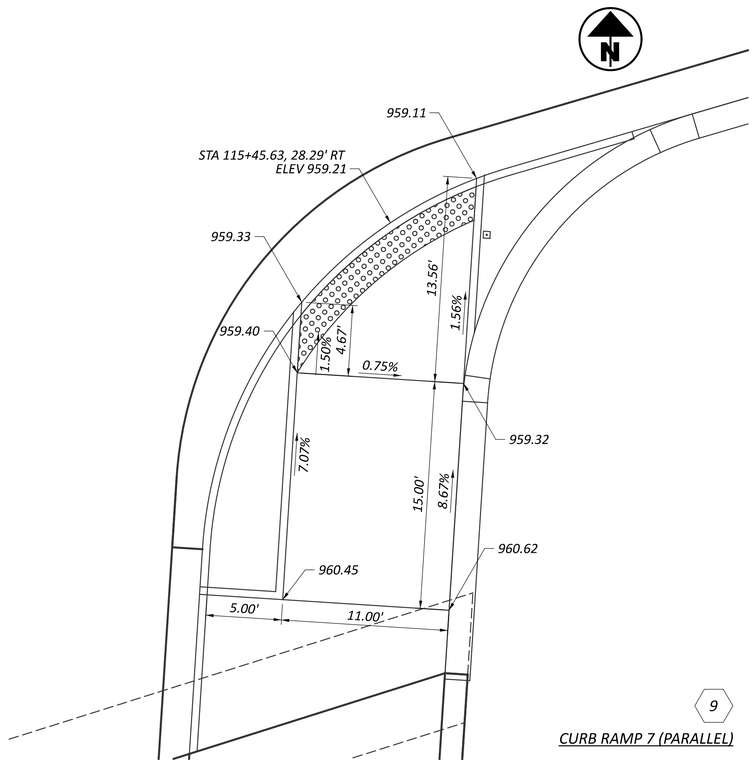
7

CURB RAMP 5 (PERPENDICULAR)



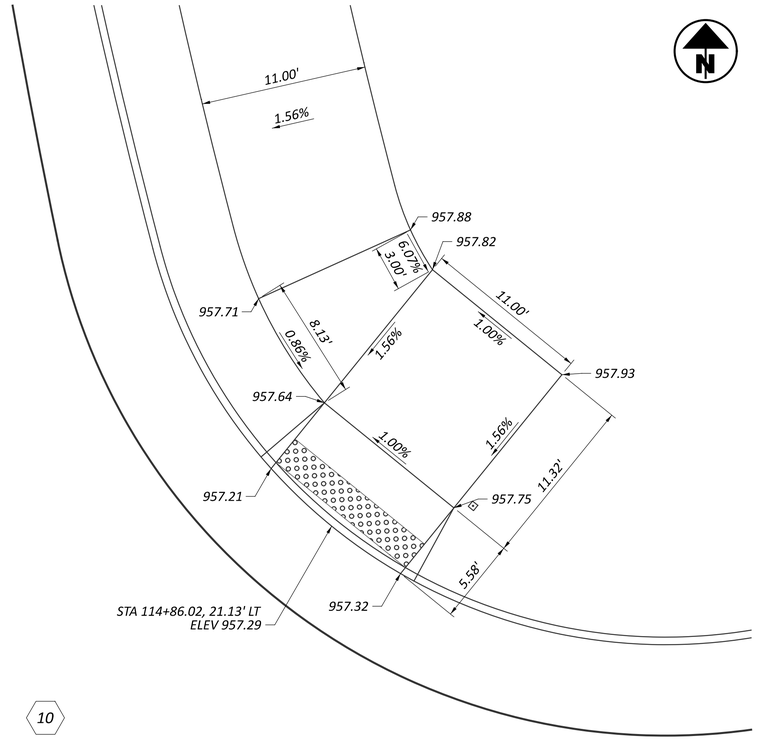
8

CURB RAMP 6 (PARALLEL)



9

CURB RAMP 7 (PARALLEL)



10

CURB RAMP 8 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CURB RAMP DETAILS

FAI/LIC-IR 70-0.00/0.00

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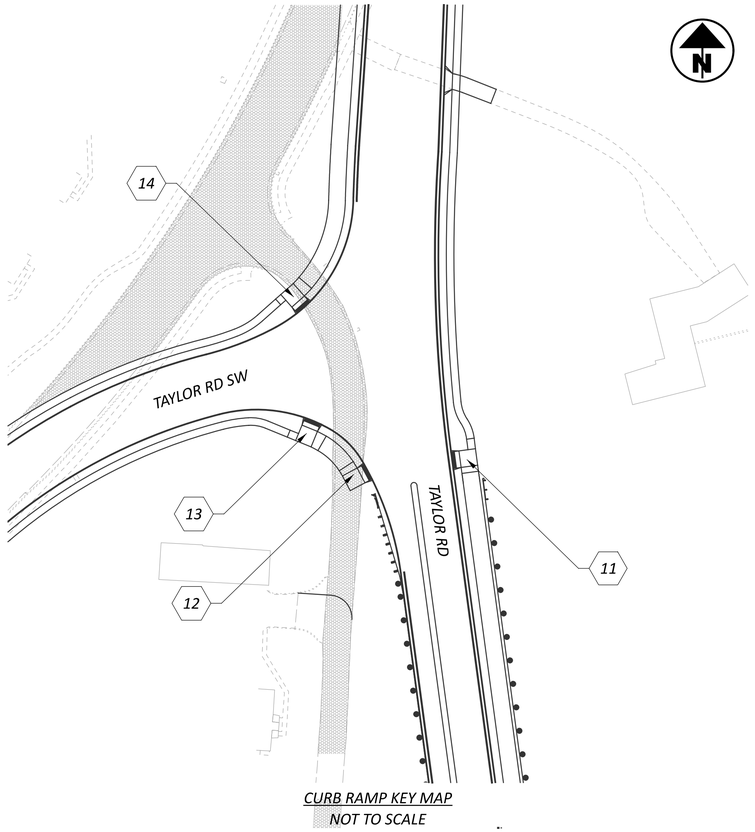
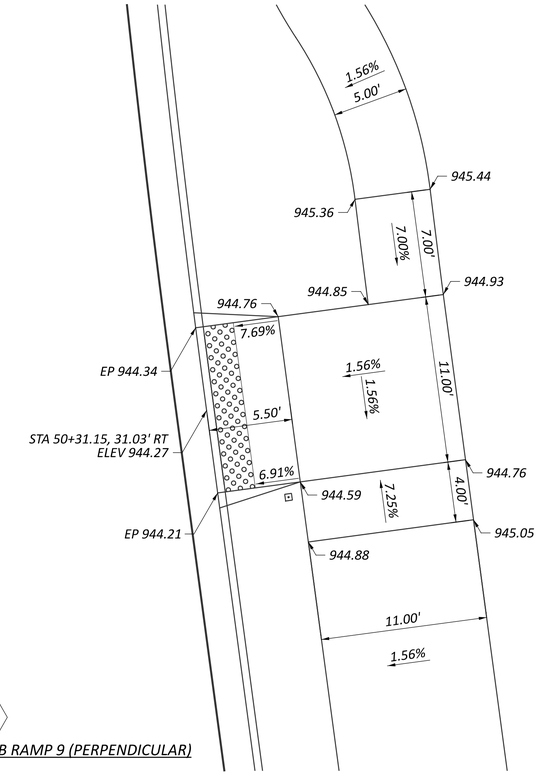
DESIGN AGENCY
STRUCTUREPOINT INC.

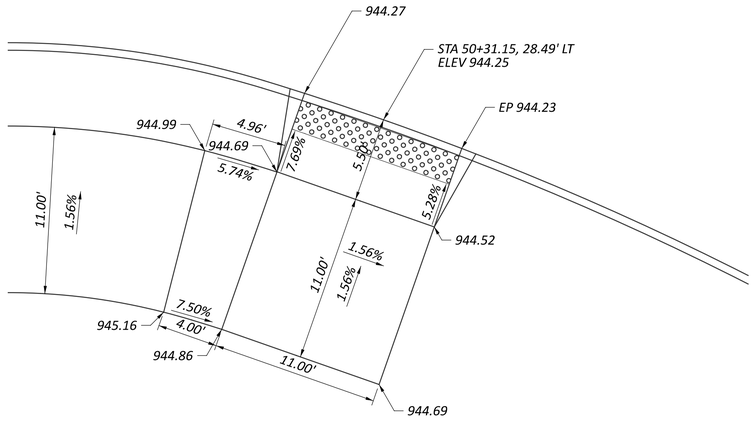
DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1038
TOTAL	P.2024



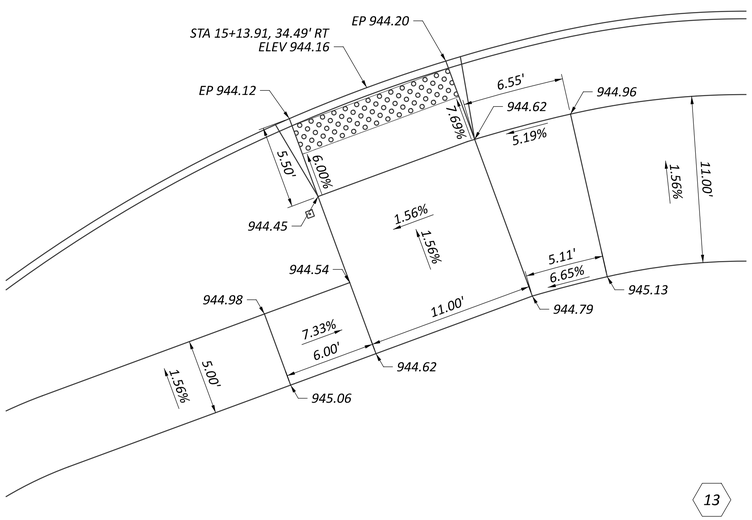
CURB RAMP KEY MAP
NOT TO SCALE



11
CURB RAMP 9 (PERPENDICULAR)



12
CURB RAMP 10 (PERPENDICULAR)



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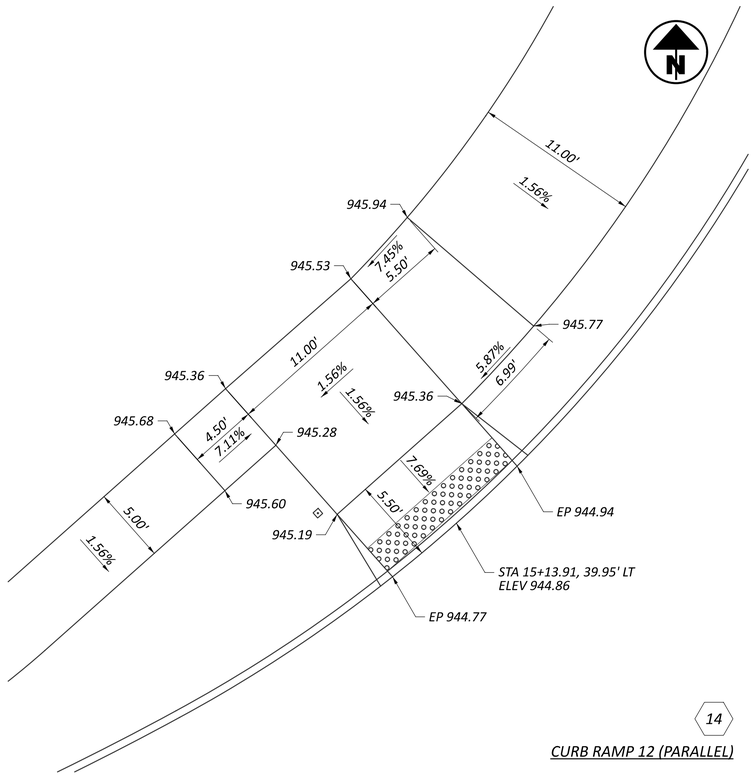
CURB RAMP 11 (PERPENDICULAR)



14
CURB RAMP 12 (PARALLEL)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CURB RAMP DETAILS

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1039
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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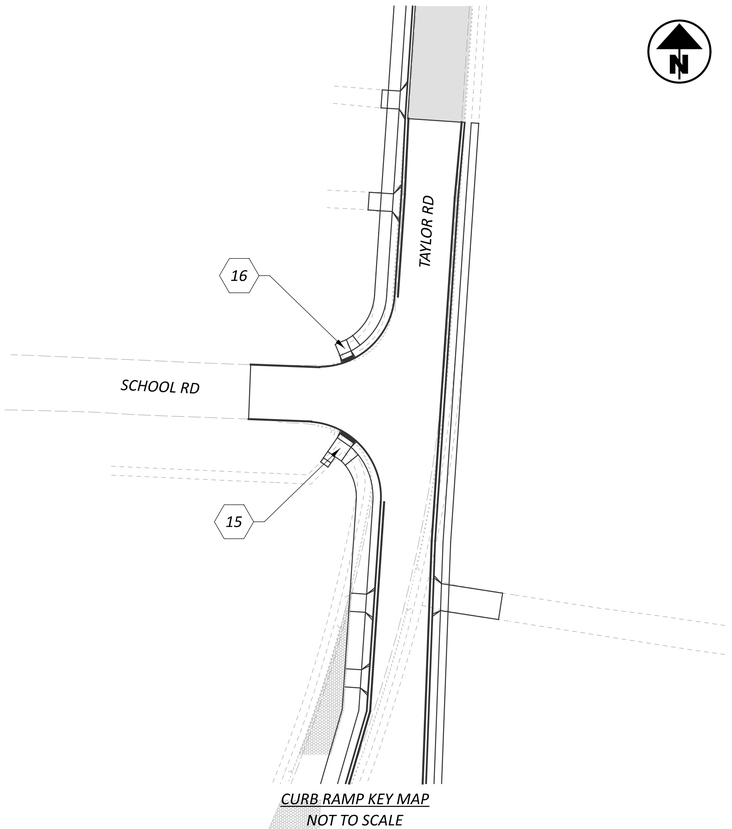
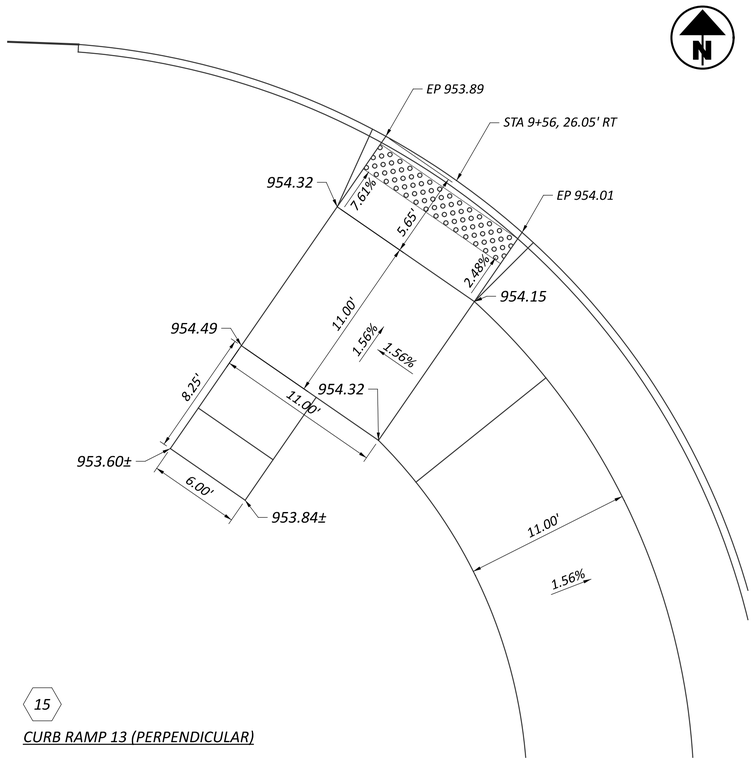
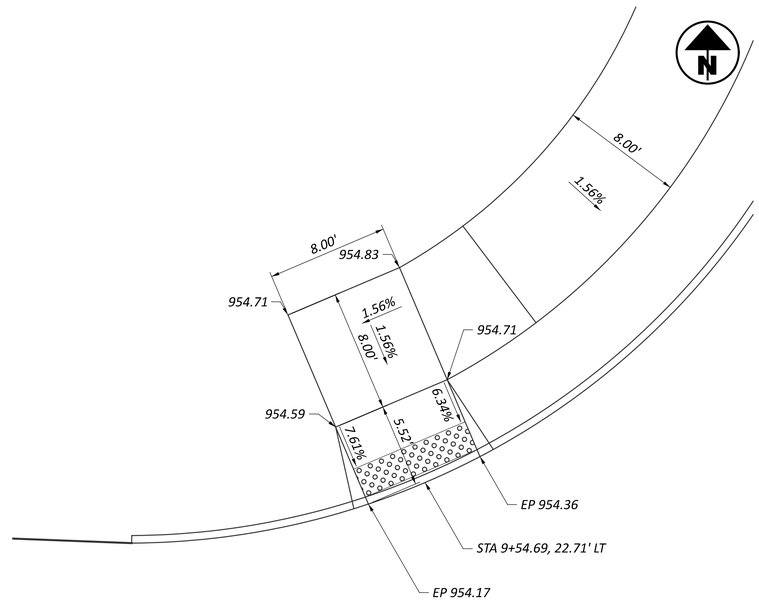


CURB RAMP KEY MAP
NOT TO SCALE



CURB RAMP 13 (PERPENDICULAR)



CURB RAMP 12 (PERPENDICULAR)

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CURB RAMP DETAILS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1040 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

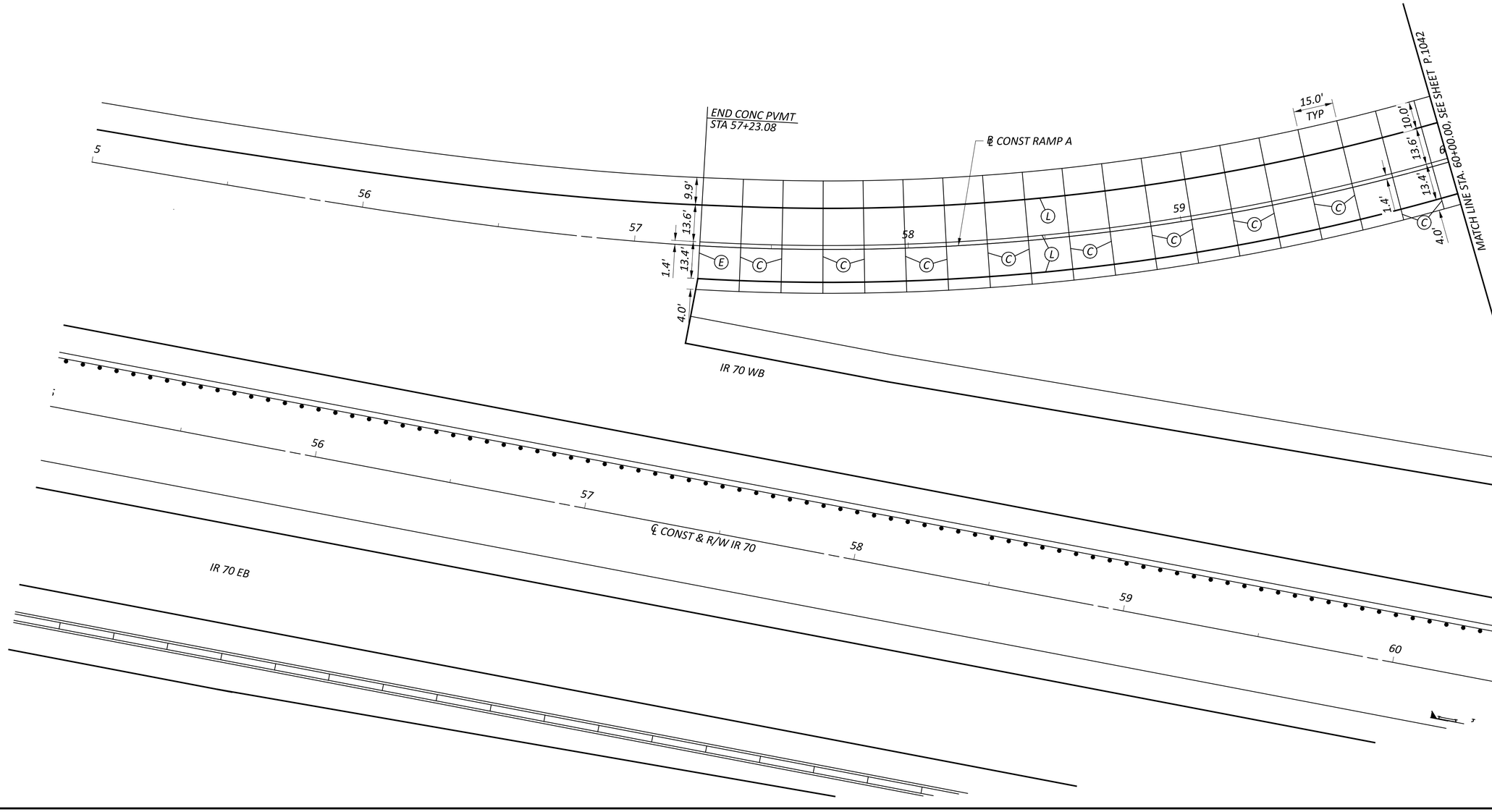
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP A
STA. 55+00.00 TO STA. 60+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp 70A Plan 1 - Ramp 70A Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:39:36 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1041 TOTAL P.2024

LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

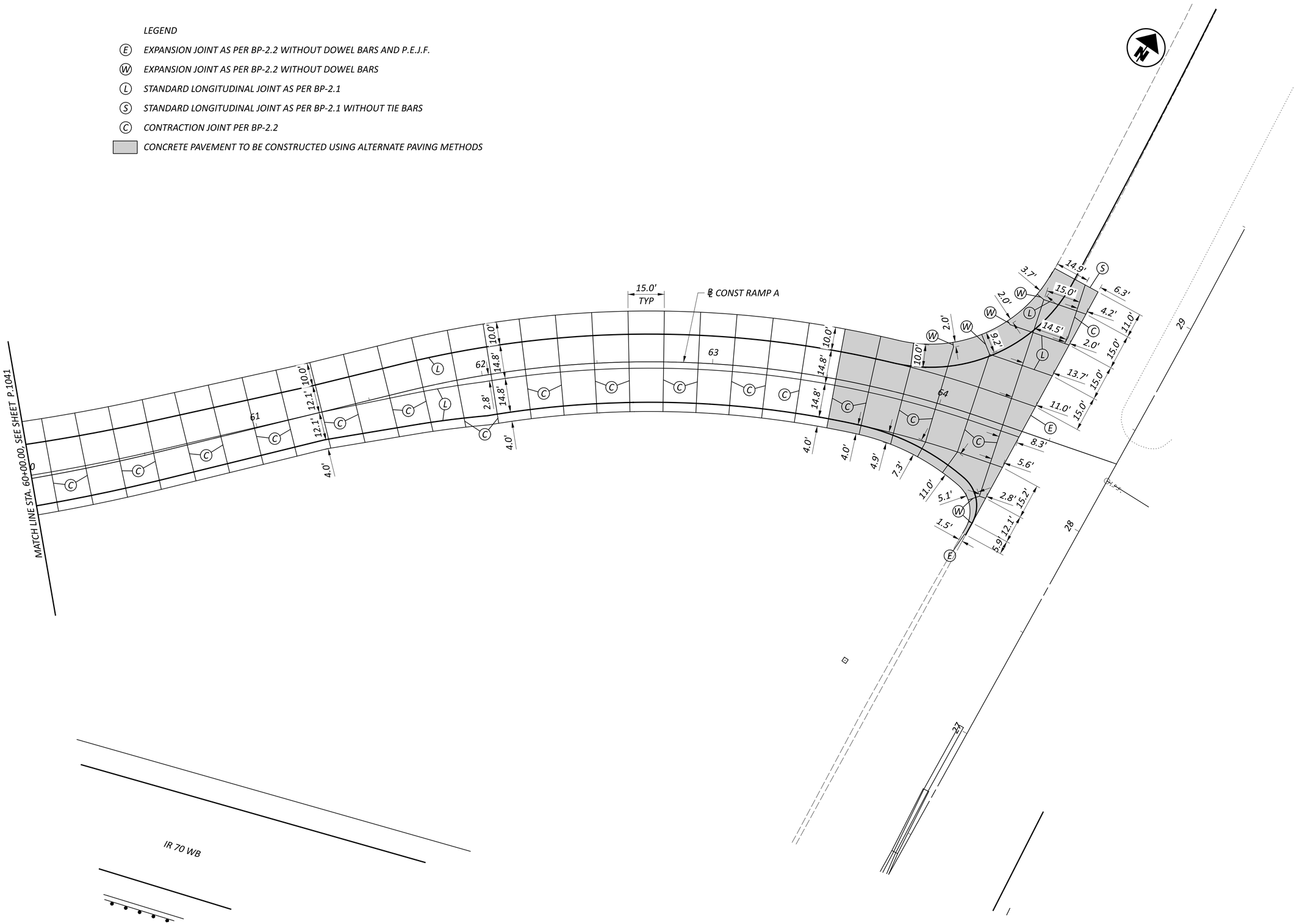
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP A
STA. 60+00.00 TO STA. 64+80.86

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1042 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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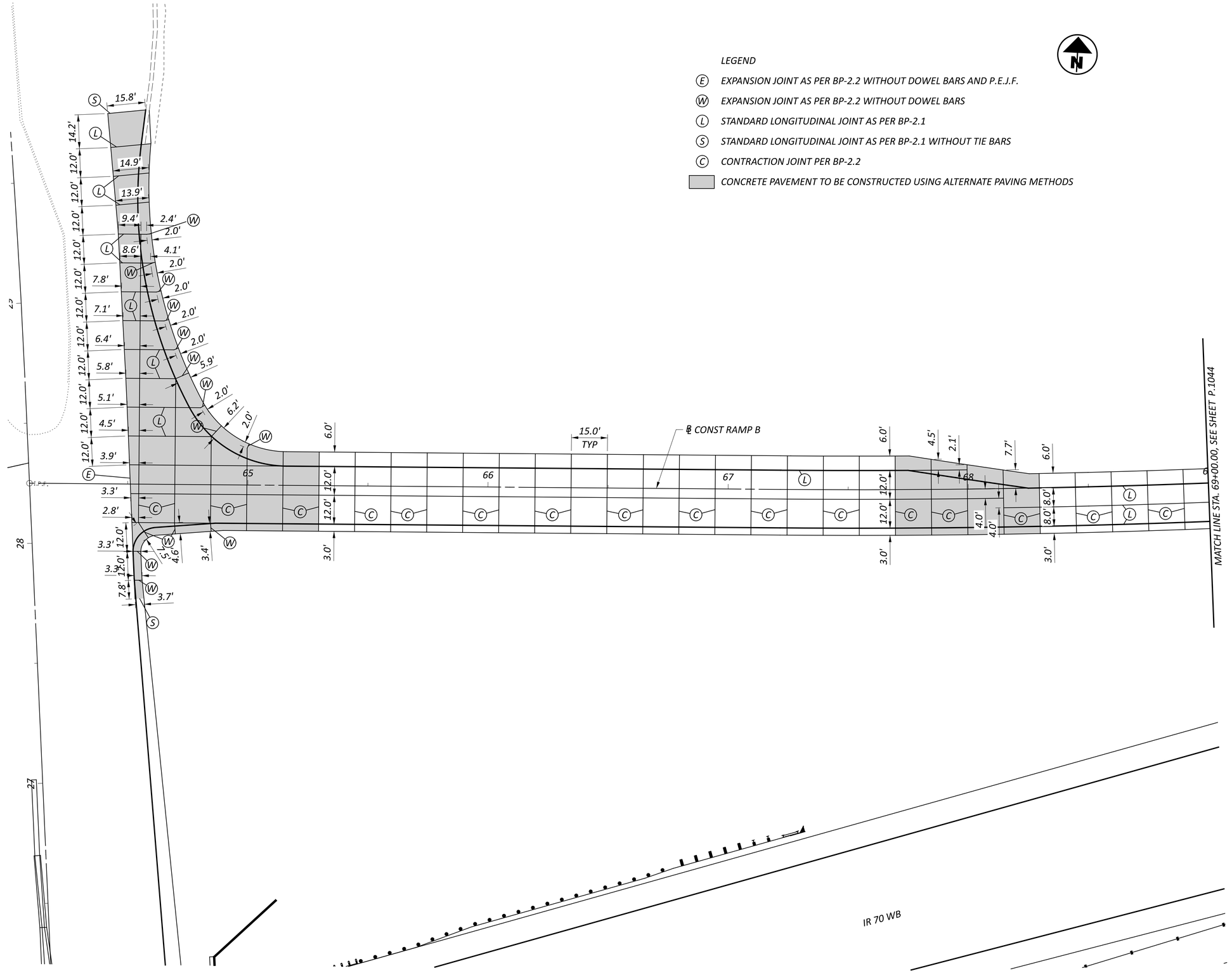
PAVEMENT JOINT DETAILS - RAMP B
STA. 64+09.09 to STA. 69+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: BER
REVIEWER: KAM 08/07/26
PROJECT ID: 96808
SHEET: P.1043 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

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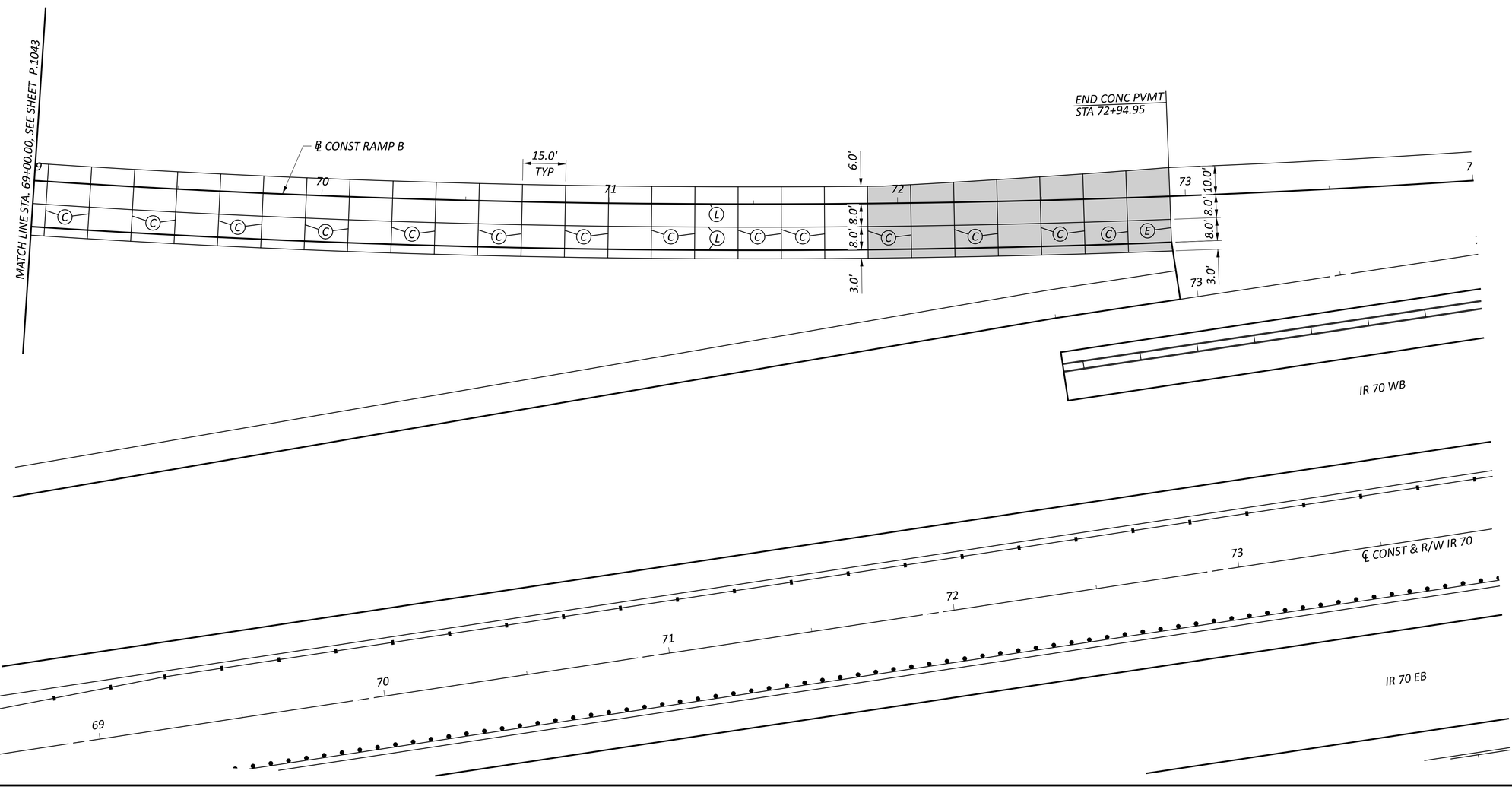
LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

HORIZONTAL SCALE IN FEET
0 10 20 40



PAVEMENT JOINT DETAILS - RAMP B
STA. 69+00.00 TO STA. 74+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1044 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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END CONC PVMT
STA 79+57.26

BEGIN CONC PVMT
STA 60+81.88

℄ CONST RAMP D

℄ CONST RAMP C

MATCH LINE STA. 66+00.00, SEE SHEET P.1046

HORIZONTAL
SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP C
STA. 60+28.84 TO STA. 66+00.00

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1045 TOTAL P.2024

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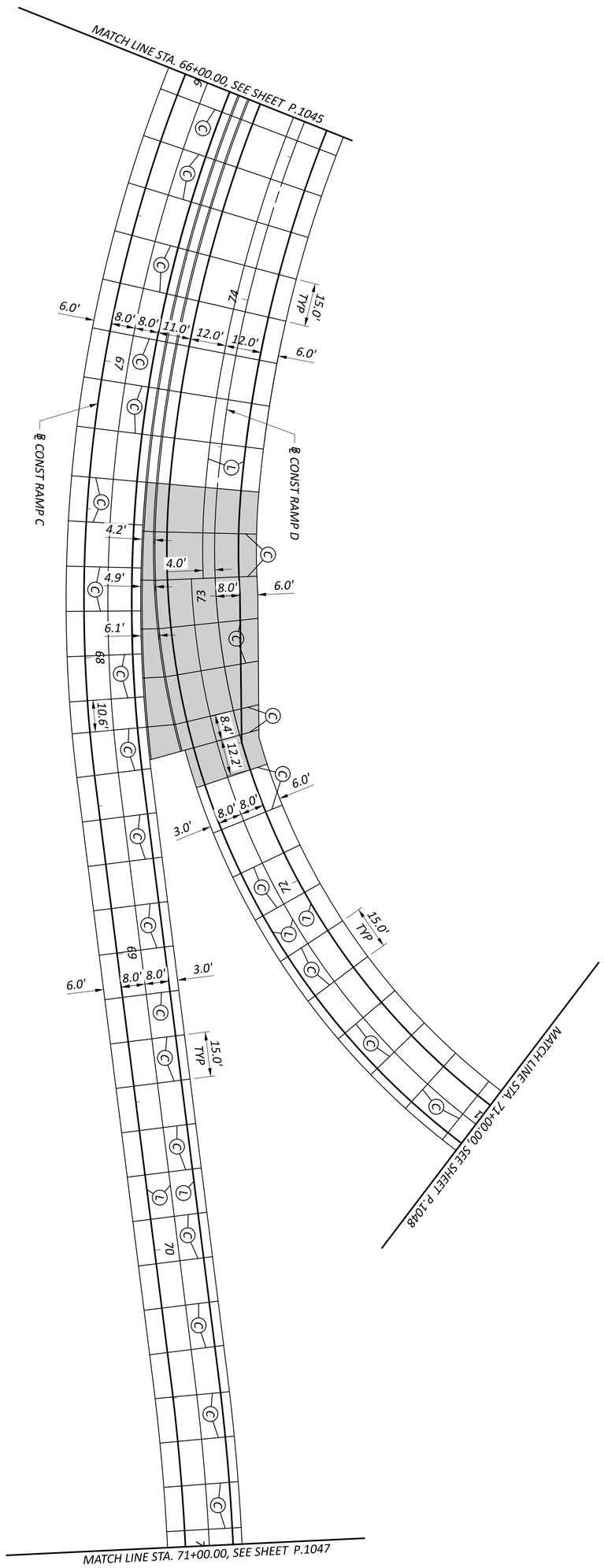

LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP C
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1046	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP C
STA. 71+00.00 TO STA. 76+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1047 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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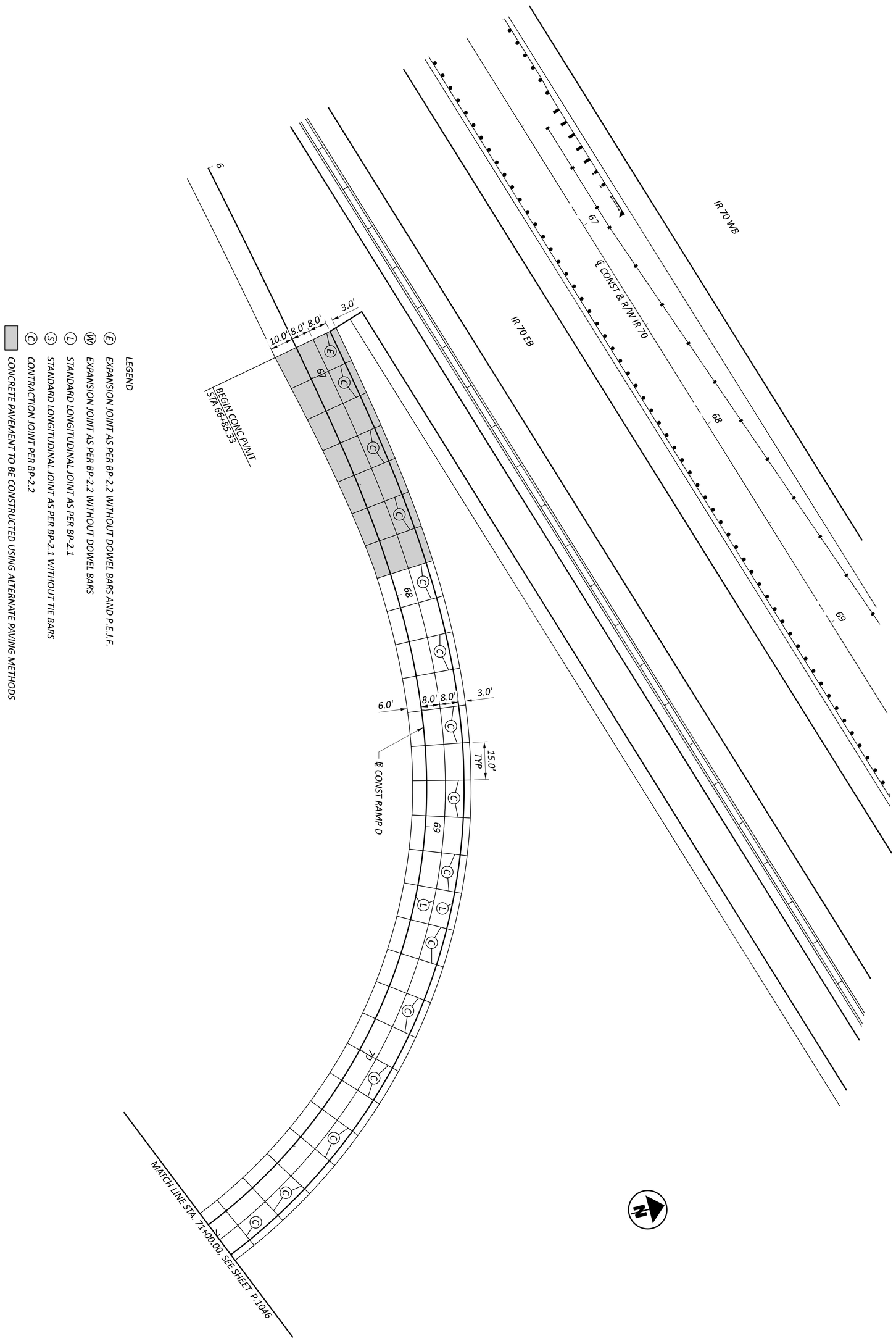
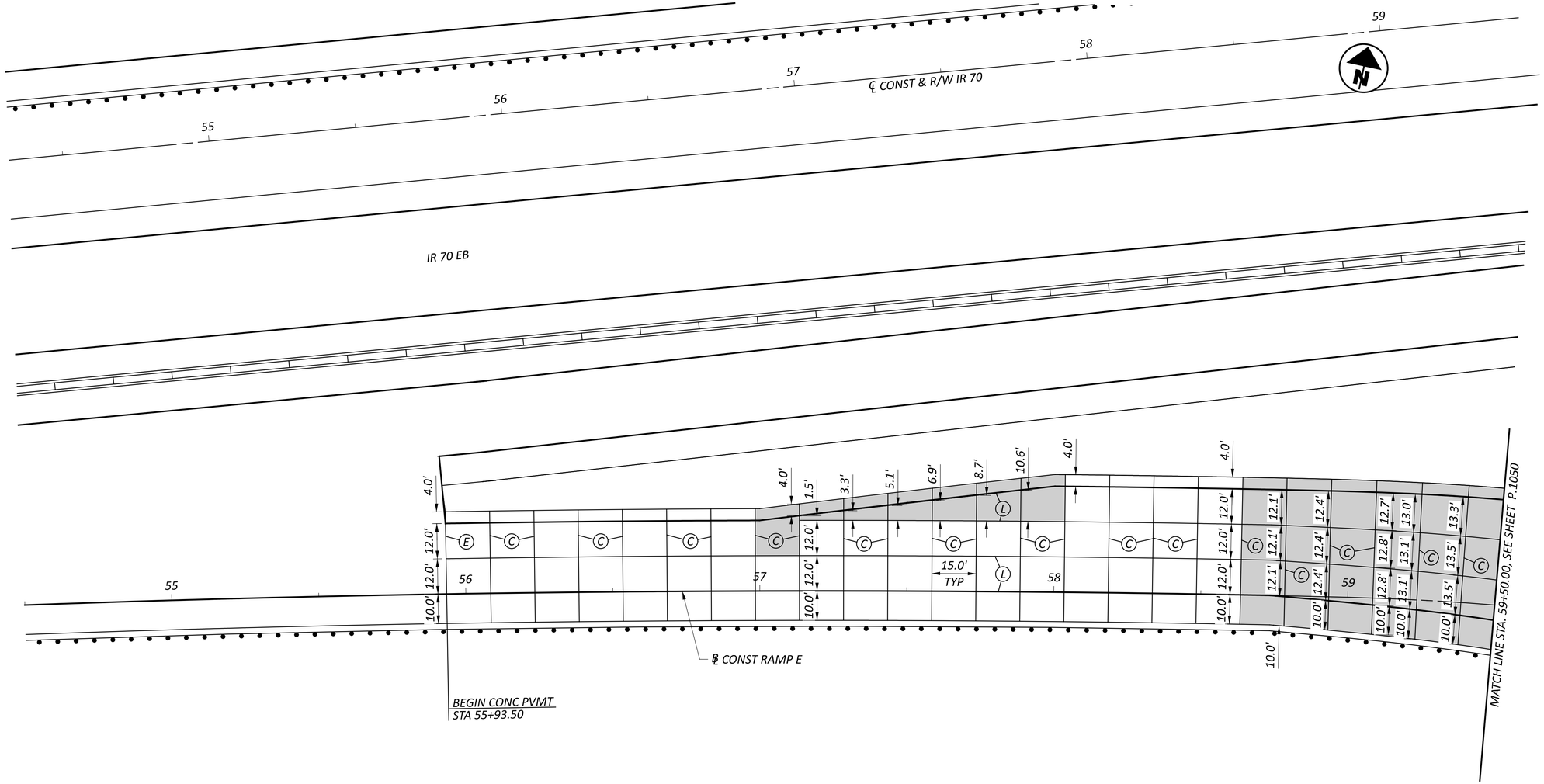


DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.	DESIGNER: BER	REVIEWER: KAM 08/07/26	PROJECT ID: 96808	SHEET: P.1048	TOTAL: P.2024

PAVEMENT JOINT DETAILS - RAMP D
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40



LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP E
STA. 54+50.00 TO STA. 59+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1049
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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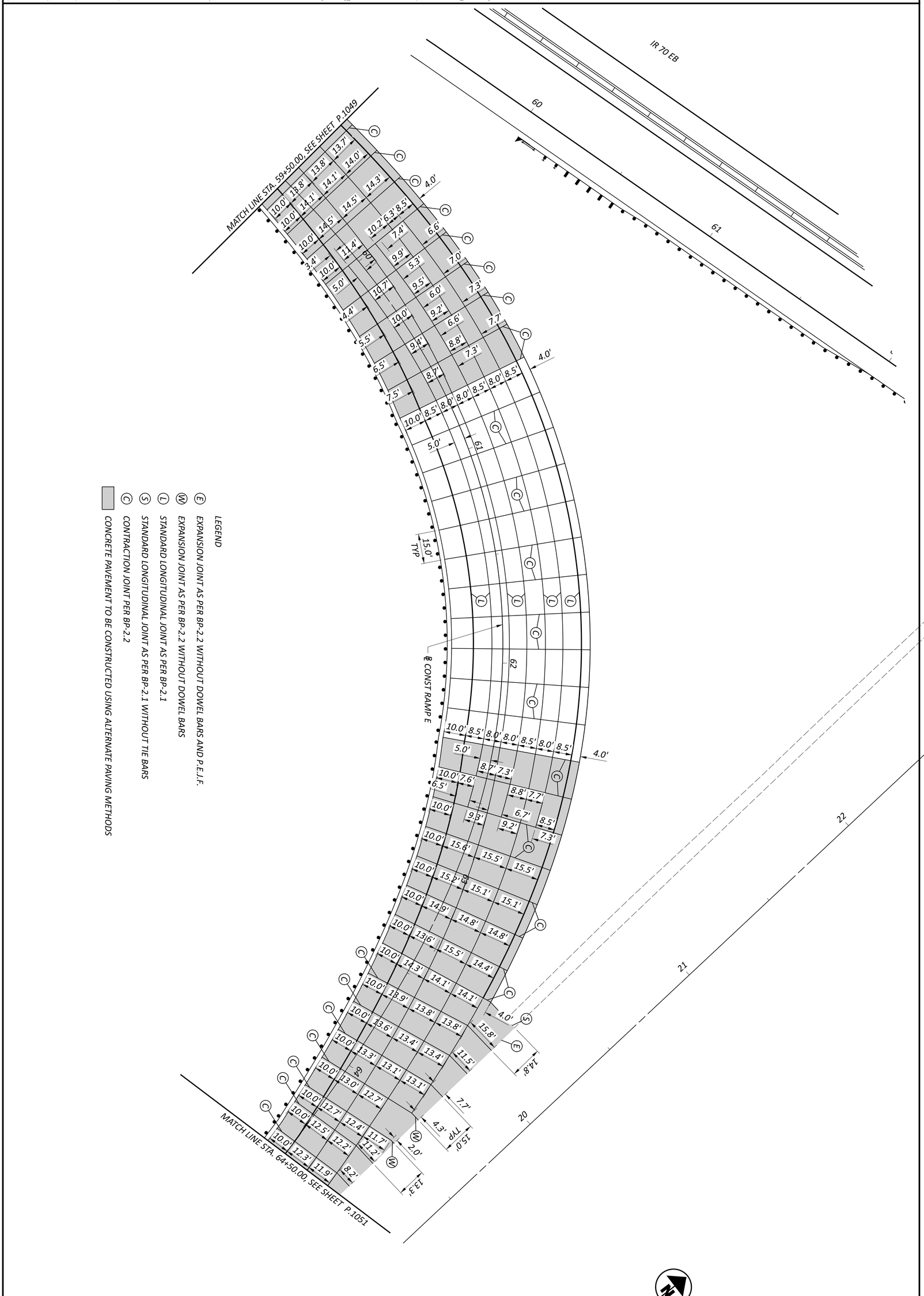


SHEET	TOTAL
P.1050	P.2024

PROJECT ID: 96808

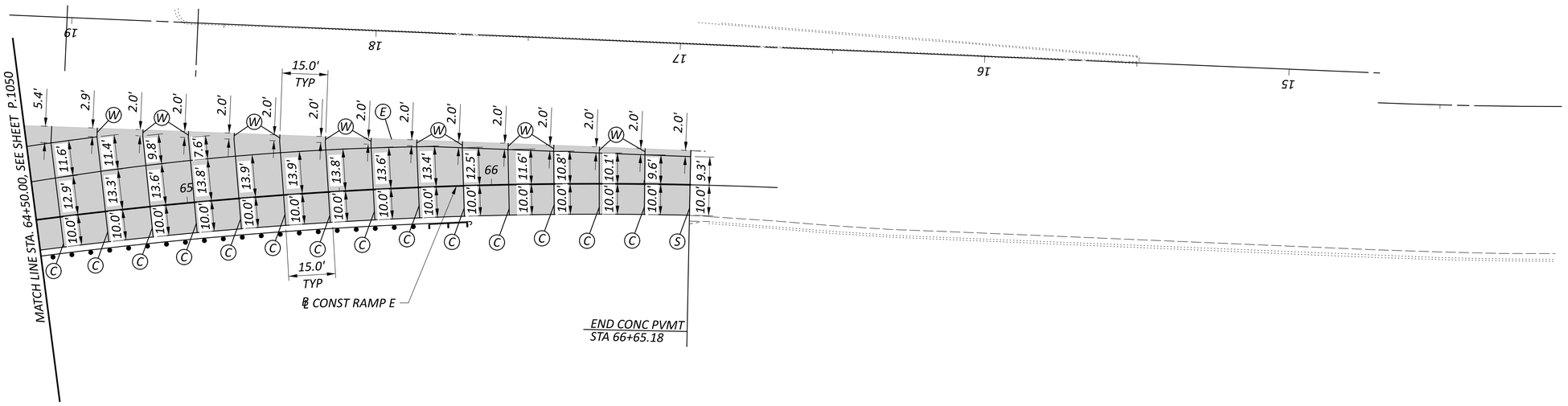
REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PAVEMENT JOINT DETAILS - RAMP E
STA. 59+50.00 TO STA. 64+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40



LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP E
STA. 64+50.00 TO STA. 66+93.83

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_Rt070E - Ramp 70E Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:40:41 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1051
TOTAL	P.2024

MODEL: BLP_R070G - Ramp 70G Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:40:49 PM USER: brieder
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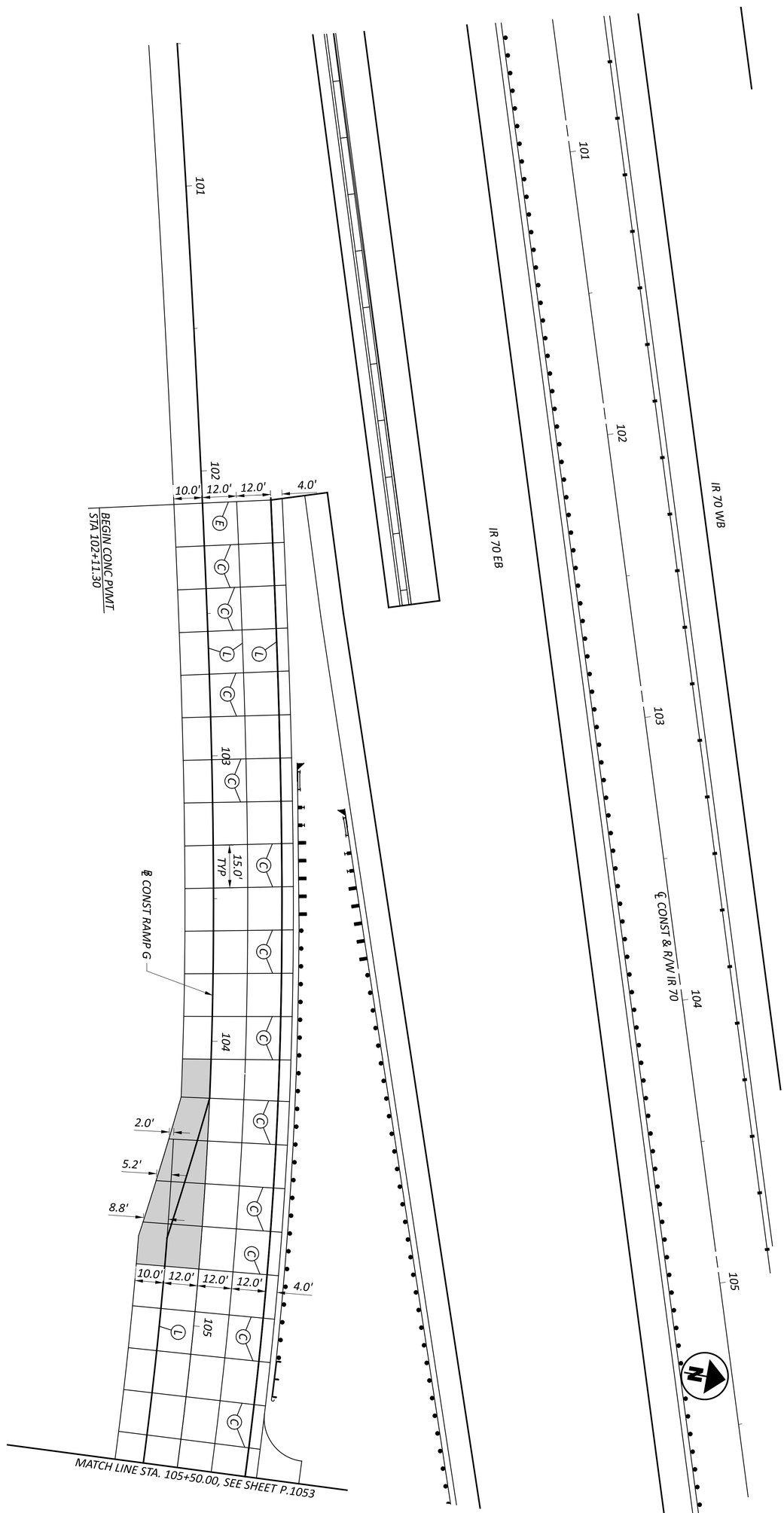

LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP G
STA. 100+50.00 TO STA. 105+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1052	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: BLP_R070G - Ramp 70G Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:40:54 PM USER: brieder
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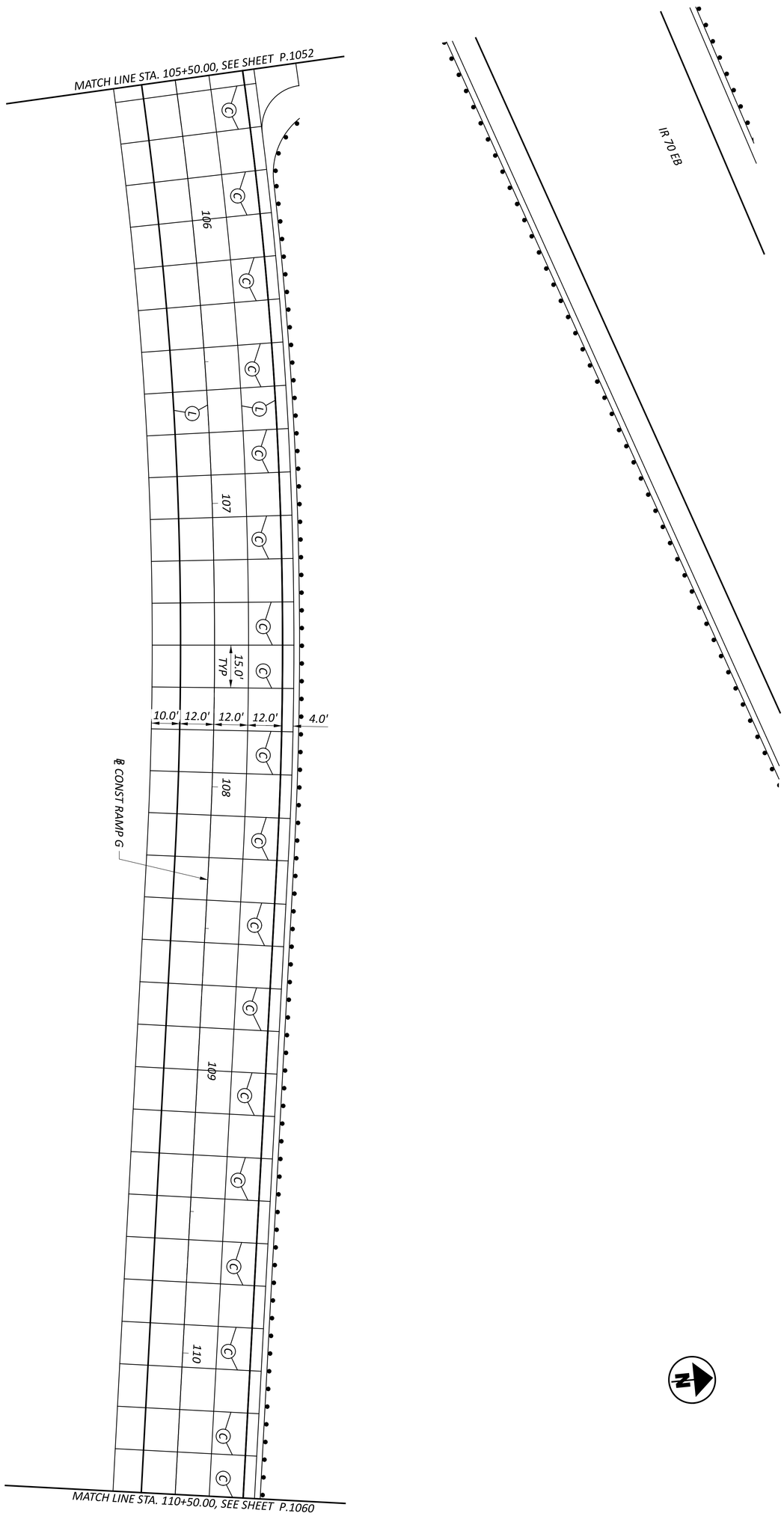


LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP G
STA. 105+50.00 TO STA. 110+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1053	P.2024	96808	KAM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

LEGEND

(E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.

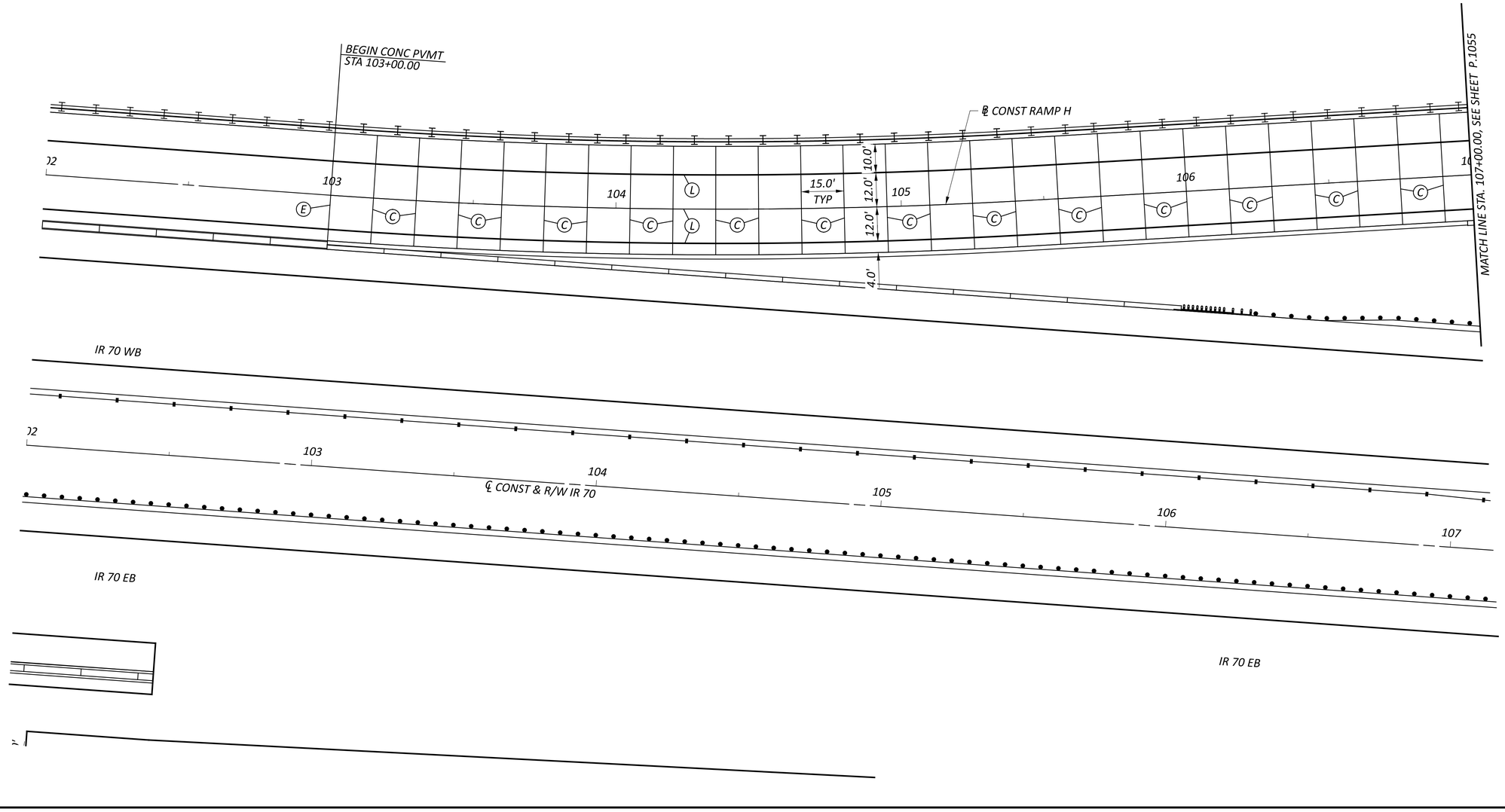
(W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS

(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS

(C) CONTRACTION JOINT PER BP-2.2

CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS



HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP H
STA. 102+00.00 TO STA. 107+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1054 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070H - Ramp 70H Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:02 PM USER: brieder
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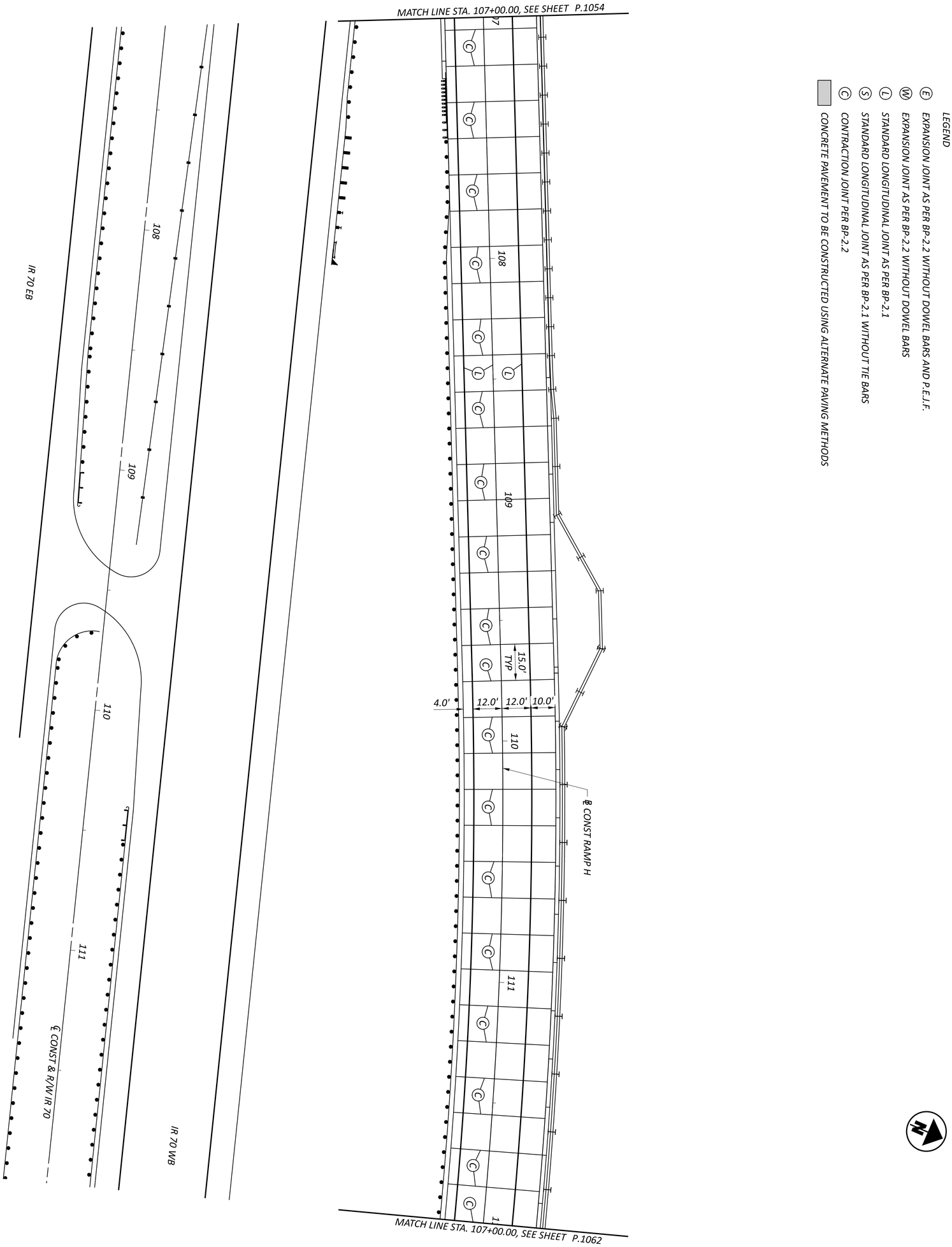

PAVEMENT JOINT DETAILS - RAMP H
STA. 107+00.00 TO STA. 112+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

DESIGNER	DESIGN AGENCY	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	AMERICAN STRUCTUREPOINT INC.	KAM 08/07/26	96808	P.1055	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070I - Ramp 70I Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:15 PM USER: brieder
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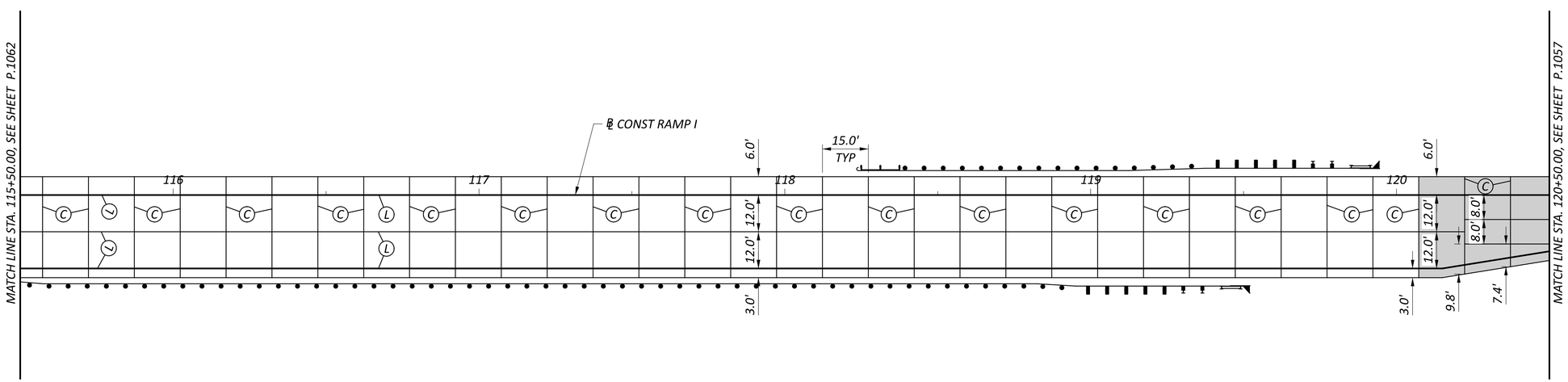
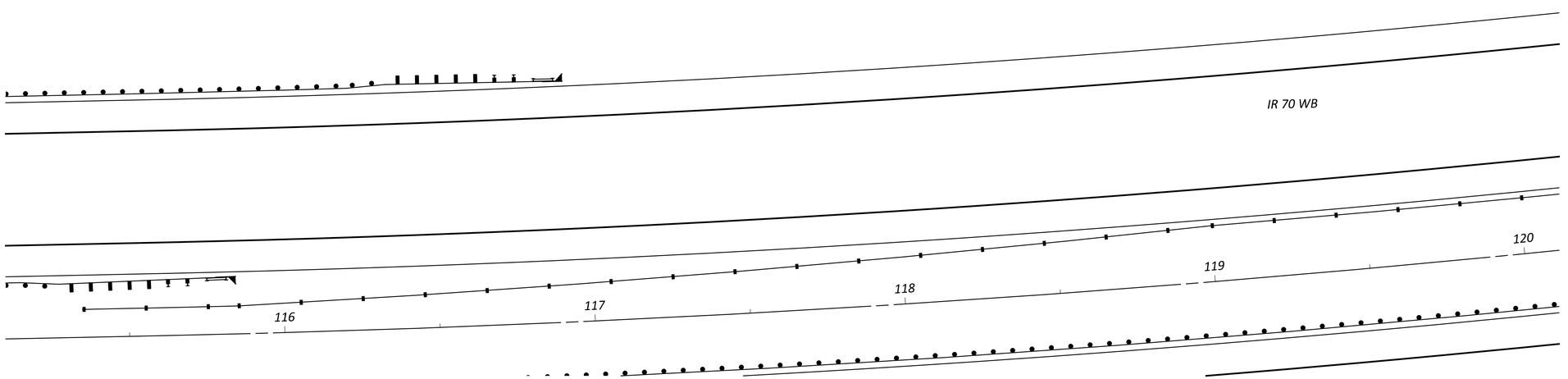
LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*





HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP I
STA. 115+50.00 TO STA. 120+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1056 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_RI070I - Ramp 70I Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:20 PM USER: brieder
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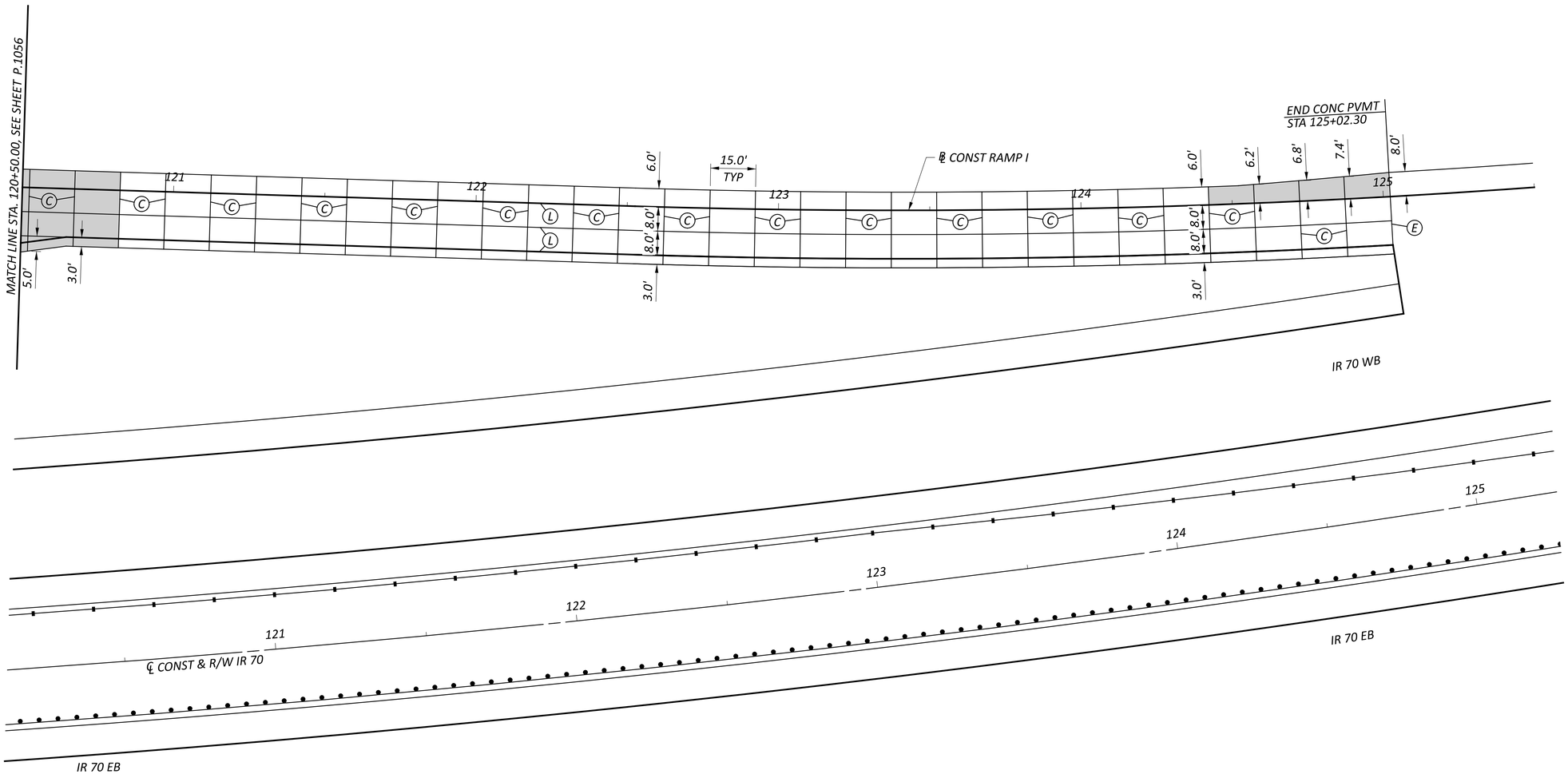
LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40



PAVEMENT JOINT DETAILS - RAMP I
STA. 120+50.00 TO STA. 125+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1057
TOTAL	P.2024

MODEL: BLP_R070J - Ramp 70J Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:26 PM USER: brieder
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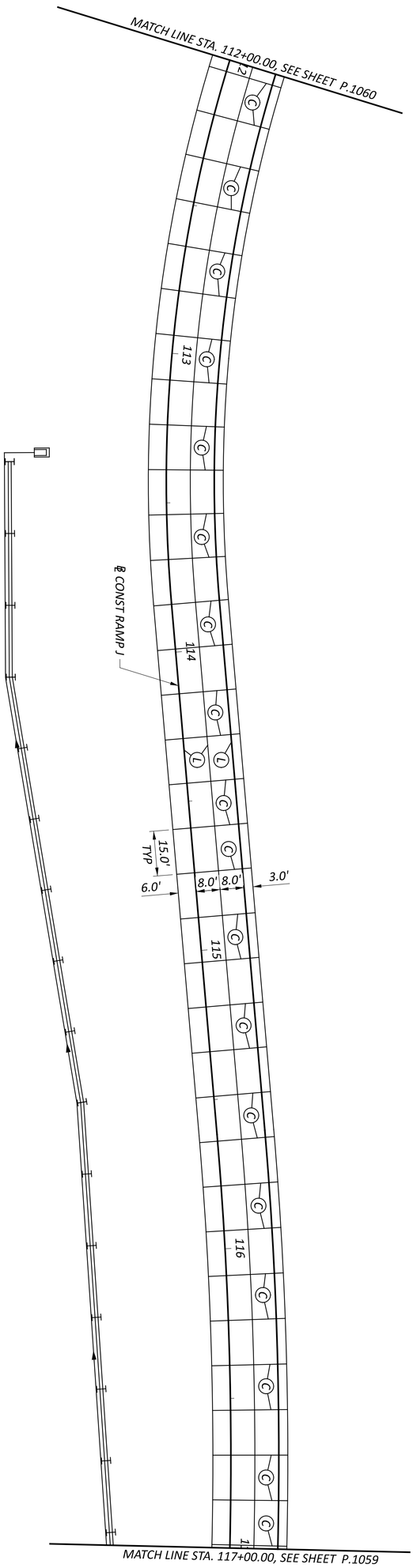


LEGEND

- (E) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.
- (W) EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) CONTRACTION JOINT PER BP-2.2
- CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS

PAVEMENT JOINT DETAILS - RAMP J
STA. 112+00.00 TO STA. 117+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

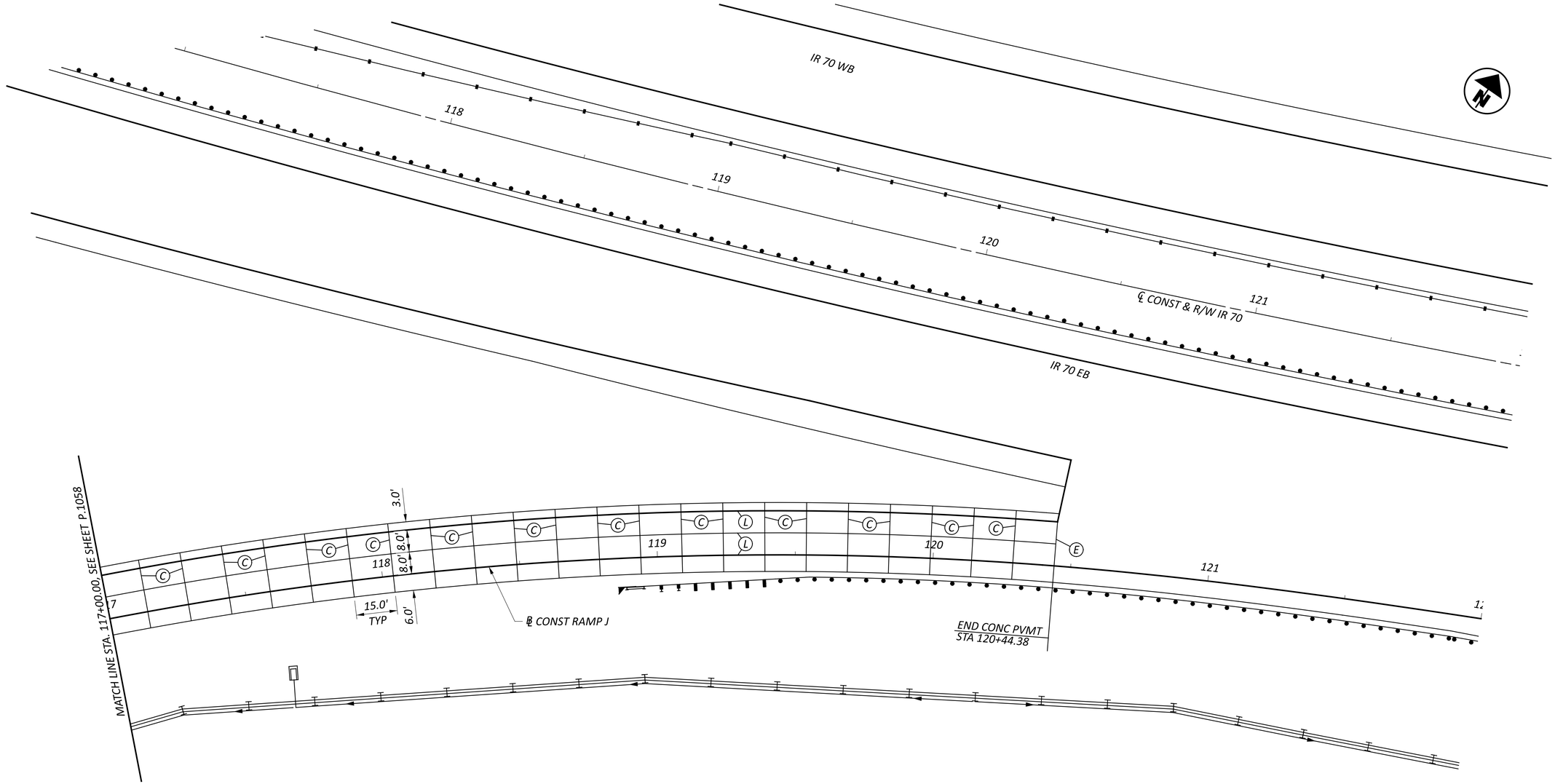
SHEET	TOTAL
P.1058	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - RAMP J
STA. 117+00.00 TO STA. 122+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1059
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070J - Ramp 70J Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:33 PM USER: brieder
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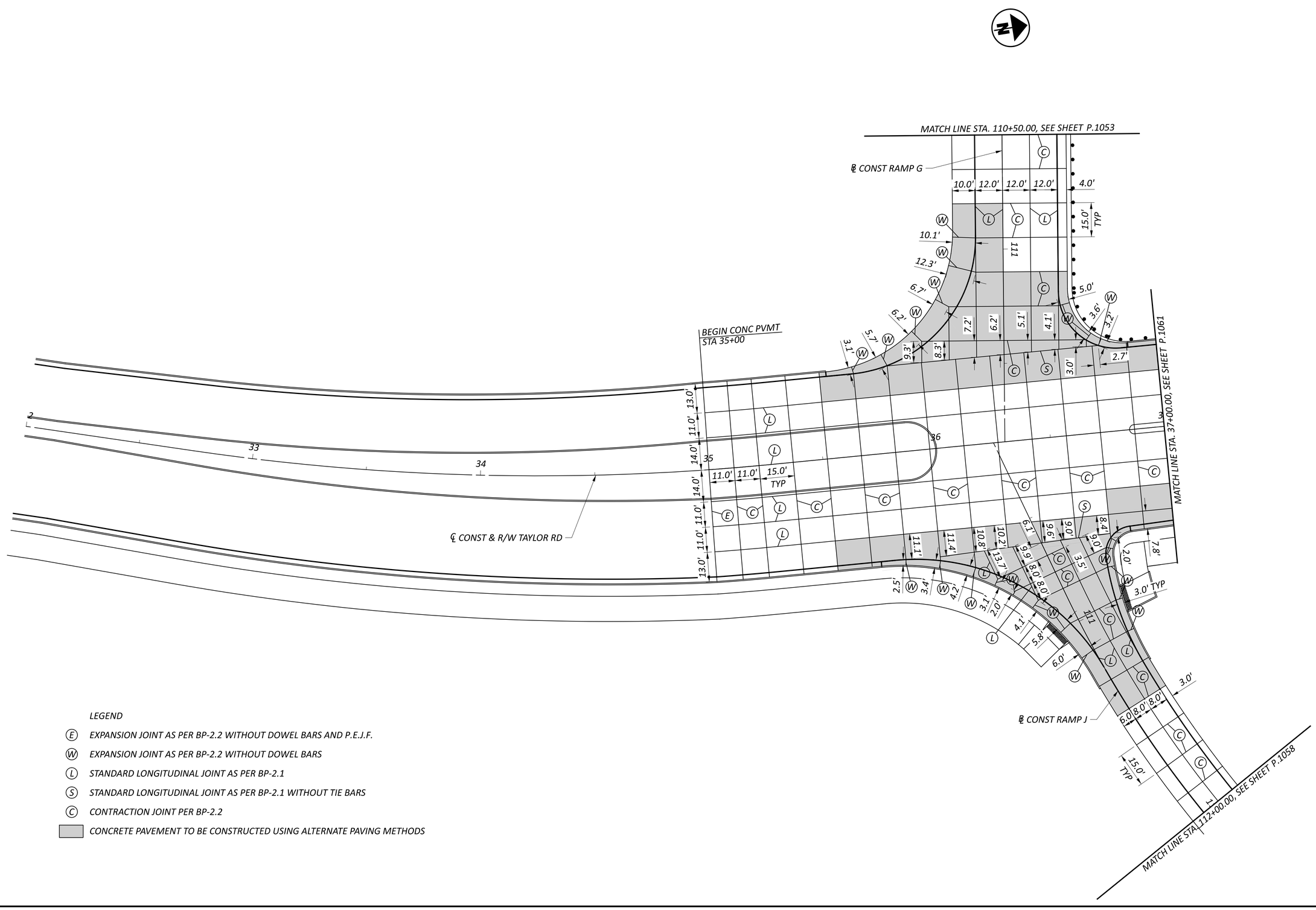

LEGEND

- (E) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS AND P.E.J.F.*
- (W) *EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS*
- (L) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1*
- (S) *STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS*
- (C) *CONTRACTION JOINT PER BP-2.2*
- *CONCRETE PAVEMENT TO BE CONSTRUCTED USING ALTERNATE PAVING METHODS*

HORIZONTAL SCALE IN FEET
0 10 20 40

PAVEMENT JOINT DETAILS - TAYLOR ROAD STA. 32+00.00 TO STA. 37+00.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1060 TOTAL P.2024

MODEL: CLP_TAYLOR - Ramp 70J Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:41:46 PM USER: brieder
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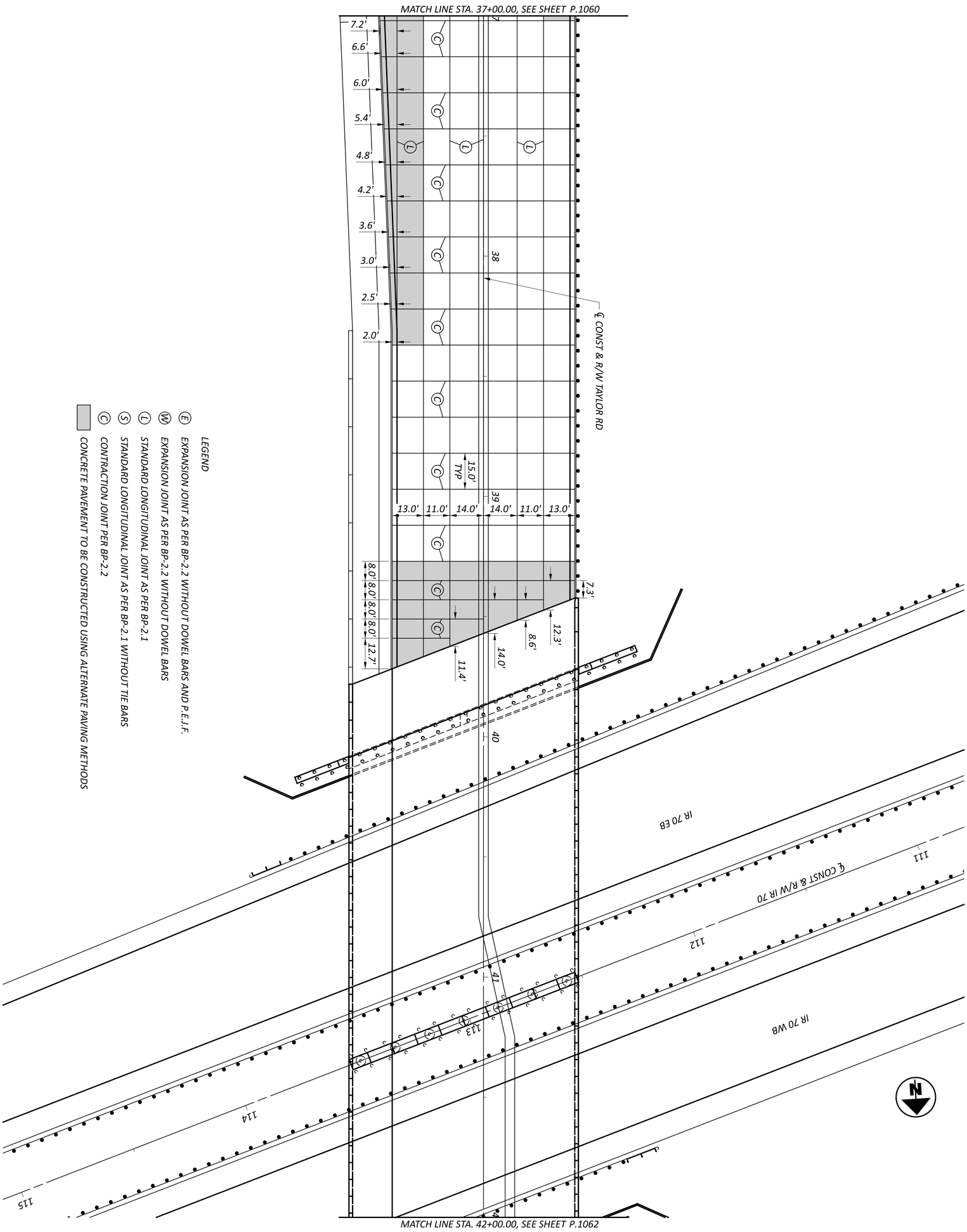


SHEET	TOTAL
P.1061	P.2024

PROJECT ID: 96808

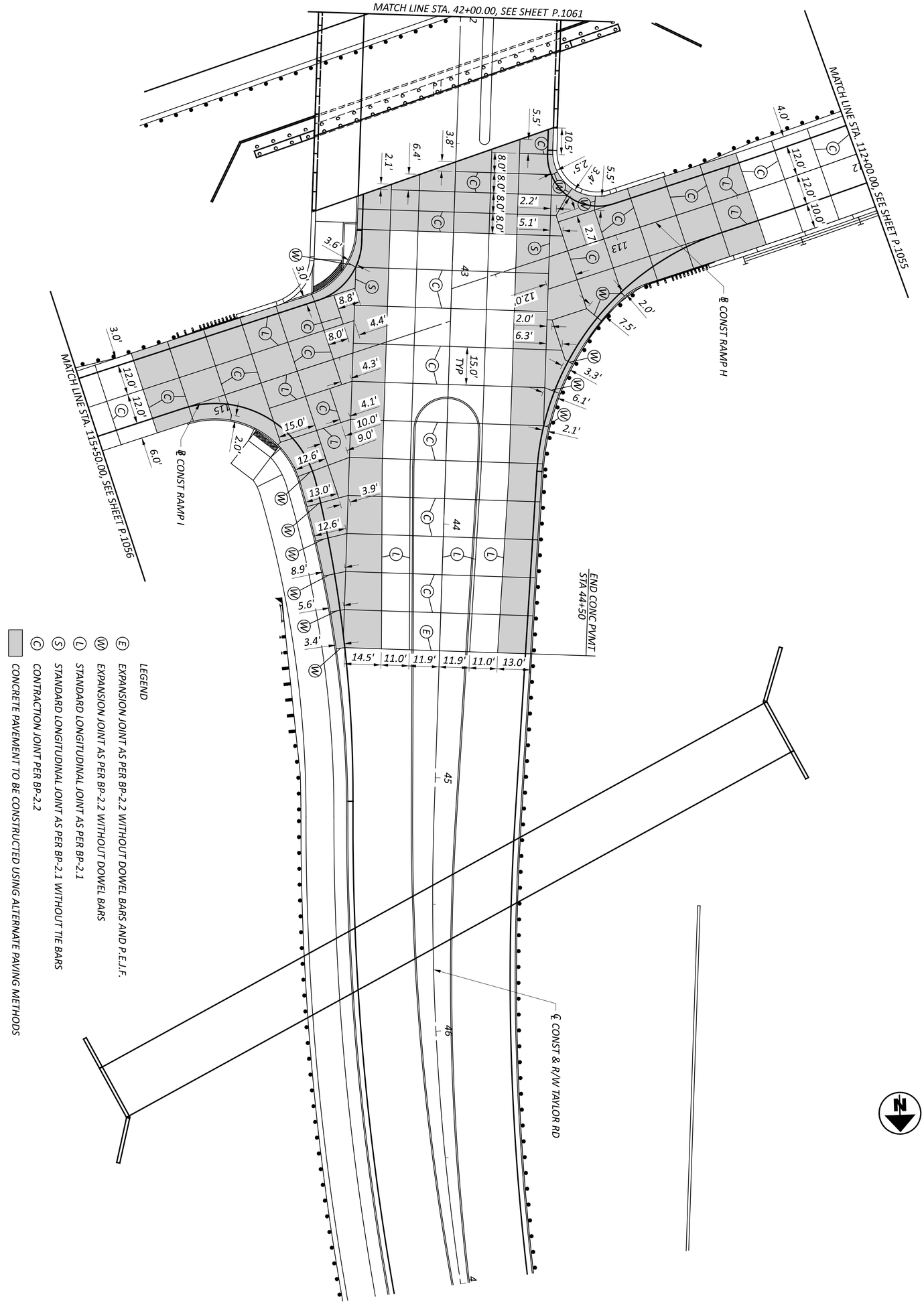
REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

PAVEMENT JOINT DETAILS - TAYLOR ROAD
STA. 37+00.00 TO STA. 42+00.00

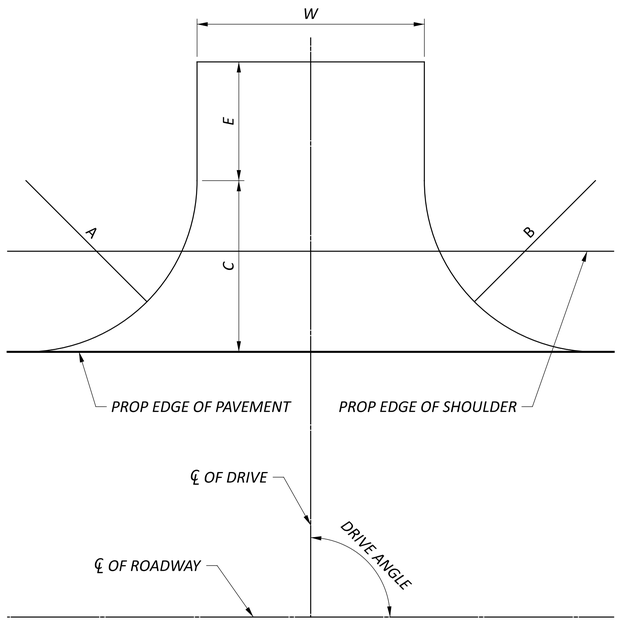
HORIZONTAL SCALE IN FEET
0 20
10 40



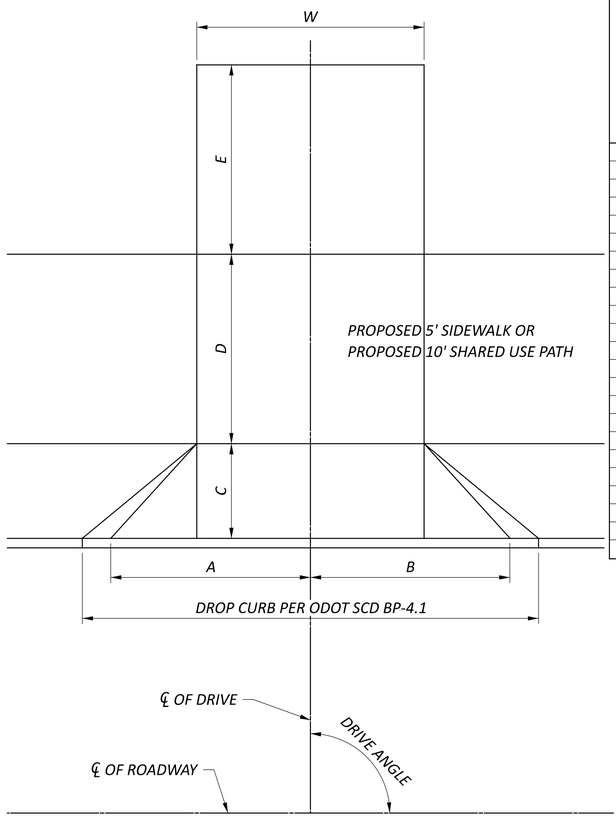
SHEET P.1062	TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

PAVEMENT JOINT DETAILS - TAYLOR ROAD
STA. 42+00.00 TO STA. 47+00.00

HORIZONTAL SCALE IN FEET
0 20 10 40



TYPE 1 DRIVEWAY



DRIVEWAY MEASUREMENTS (FT)													
SHEET NO	REFERENCE NO	LOCATION	STATION	SIDE	DRIVE TYPE	DRIVE BUILD-UP	DRIVE ANGLE (DEGREES)	A	B	C	D	E	W
P.0345 & P.1064	DR-1	RAMP D	75+26.19	RT	1	D1	77	25.00	30.00	36.12		19.55	16.00
P.0373 & P.1064	DR-2	TAYLOR RD	25+20.42	LT	2	D5	89	20.00	20.00	20.00		35.00	18.50
P.0383 & P.1065	DR-3	TAYLOR RD	52+87.82	RT	2	D4	90	8.10	8.10	5.00	5.00	23.90	10.00
P.0385 & P.1065	DR-4	TAYLOR RD	54+34.00	LT	2	D2	90	9.00	9.00	5.00	10.00		12.00
P.0385 & P.1066	DR-5	TAYLOR RD	54+84.00	LT	2	D2	90	9.00	9.00	5.00	10.00		12.00
P.0385 & P.1066	DR-6	TAYLOR RD	54+93.50	RT	2	D3	85	11.82	11.82	5.00	5.00	34.85	17.70
P.0385 & P.1067	DR-7	TAYLOR RD	56+21.33	LT	1	D5	88	50.00	50.00	51.71		41.78	36.00
P.0385 & P.1067	DR-8	TAYLOR RD	57+48.82	LT	2	D3	90	10.76	10.97	5.00	8.00	8.00	11.70
P.0385 & P.1068	DR-9	TAYLOR RD	58+16.84	LT	2	D3	90	10.96	10.96	5.00	8.00	4.00	11.92
P.0387 & P.1068	DR-10	TAYLOR RD	59+78.51	LT	2	D3	90	10.66	10.66	5.00	8.00	4.00	11.18
P.0391 & P.1069	DR-11	SR 204	39+60.00	RT	1	D2	70	25.00	15.00	26.33		9.51	20.80
P.0395 & P.1069	DR-12	SR 204	46+33.18	LT	1	D6	74	15.00	15.00	23.66		104.57	16.00
P.0369 & P.1070	DR-13	WELLESLEY DR	14+17.30	LT	2	D2	64	10.65	10.97	6.41	4.33	27.87	15.90
P.0403 & P.1070	DR-14	PALMER RD	23+10.32	RT	2	D2	79	10.00	10.00	11.91		62.60	18.30
P.0403 & P.1071	DR-15	PALMER RD	23+91.51	RT	2	D3	90	10.00	10.00	10.00		61.34	12.00
P.0405 & P.1071	DR-16	PALMER RD	25+13.44	RT	2	D3	79	10.00	10.00	11.32		55.71	10.00
P.0405 & P.1072	DR-17	PALMER RD	25+15.33	LT	2	D3	90	10.00	10.00	12.16		69.85	12.00
P.0403 & P.1072	DR-18	GEORGIAN DR SW	102+05.11	RT	2	D4	90	10.00	10.00	10.00		20.00	12.00
P.0400 & P.1073	DR-19	TAYLOR RD SW	11+15.90	LT	3	D2	90	30.00	30.00	24.23			47.57

(D1) ***FIELD DRIVEWAY BUILD-UP***
ITEM 304 AGGREGATE BASE = 6"
ITEM 204 SUBGRADE COMPACTION

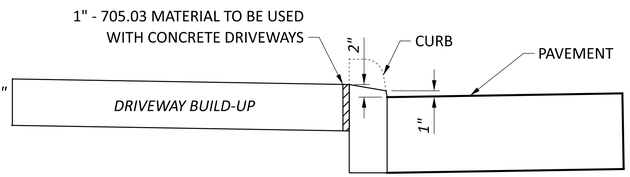
(D2) ***RESIDENTIAL CONCRETE DRIVEWAY BUILD-UP***
ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 204 SUBGRADE COMPACTION

(D3) ***RESIDENTIAL ASPHALT DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 449, (DRIVEWAYS) = 1.25"
ITEM 407 NON-TRACKING TACK COAT
ITEM 301 ASPHALT CONCRETE BASE, PG 64-22, (449) = 3.5"
ITEM 204 SUBGRADE COMPACTION

(D4) ***RESIDENTIAL GRAVEL DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 6"
ITEM 304 AGGREGATE BASE = 8"
ITEM 204 SUBGRADE COMPACTION

(D5) ***COMMERICAL DRIVEWAY BUILD-UP***
APPRON = ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 8"
ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 449, (DRIVEWAYS) = 1.25"
ITEM 407 NON-TRACKING TACK COAT
ITEM 301 ASPHALT CONCRETE BASE, PG 64-22, (449) = 5"
ITEM 204 SUBGRADE COMPACTION

(D6) ***COMMERICAL CONCRETE DRIVEWAY BUILD-UP***
ITEM 452 NON-REINFORCED CONCRETE PAVEMENT = 8"
ITEM 204 SUBGRADE COMPACTION



TYPE 2 DRIVEWAY

A - LEFT SIDE OF RADII/CHAMFER OF DRIVE LOOKING FROM ℄ OF ROADWAY
B - RIGHT SIDE OF RADII/CHAMFER OF DRIVE LOOKING FROM ℄ OF ROADWAY

DRIVE DETAILS

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:42:58 PM USER: brieder
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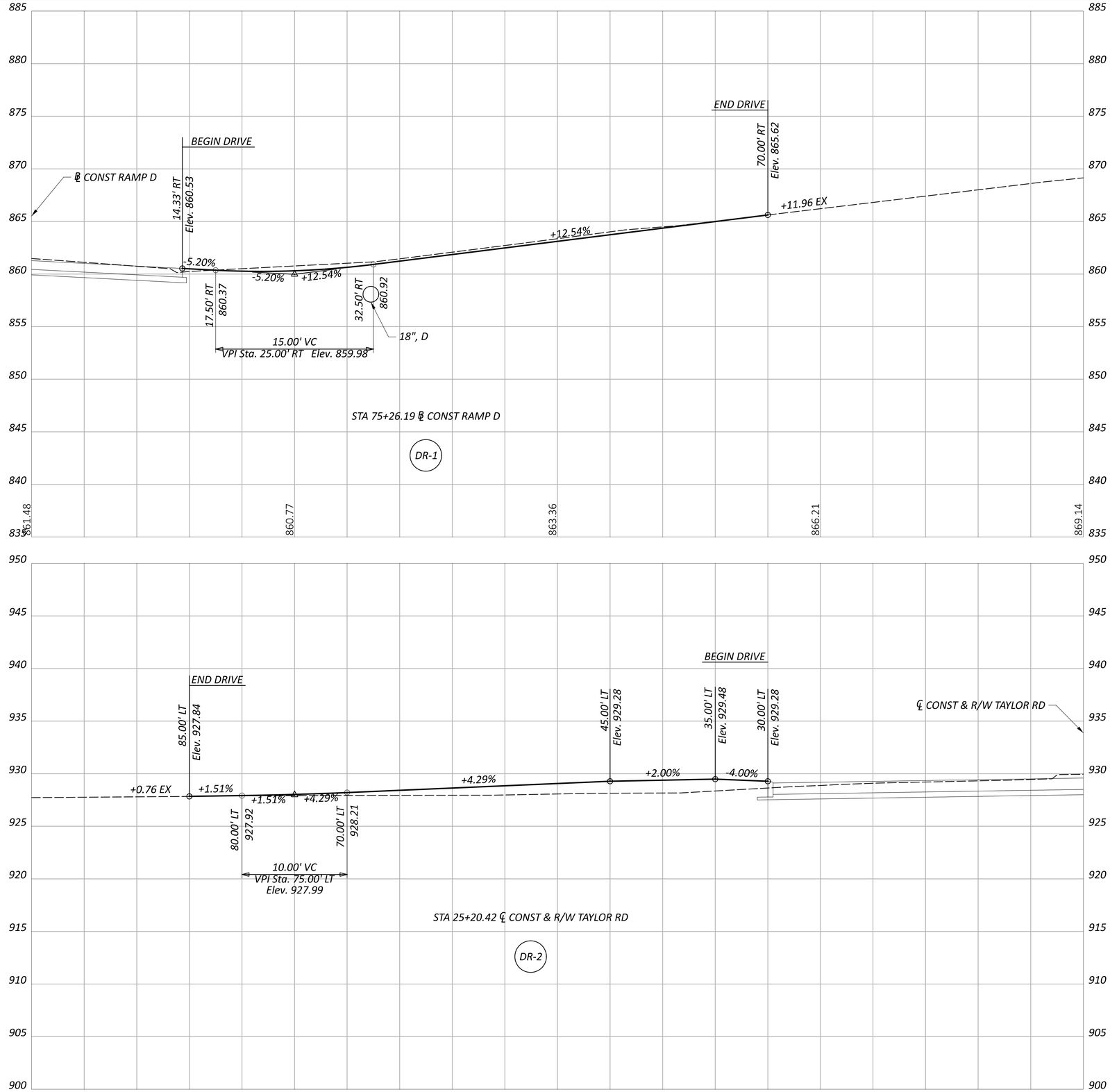
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER KAM 08/07/26
PROJECT ID 96808
SHEET P.1063 TOTAL P.2024



DRIVE PROFILE SHEET
DR-1 & DR-2

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:43:06 PM USER: brieder
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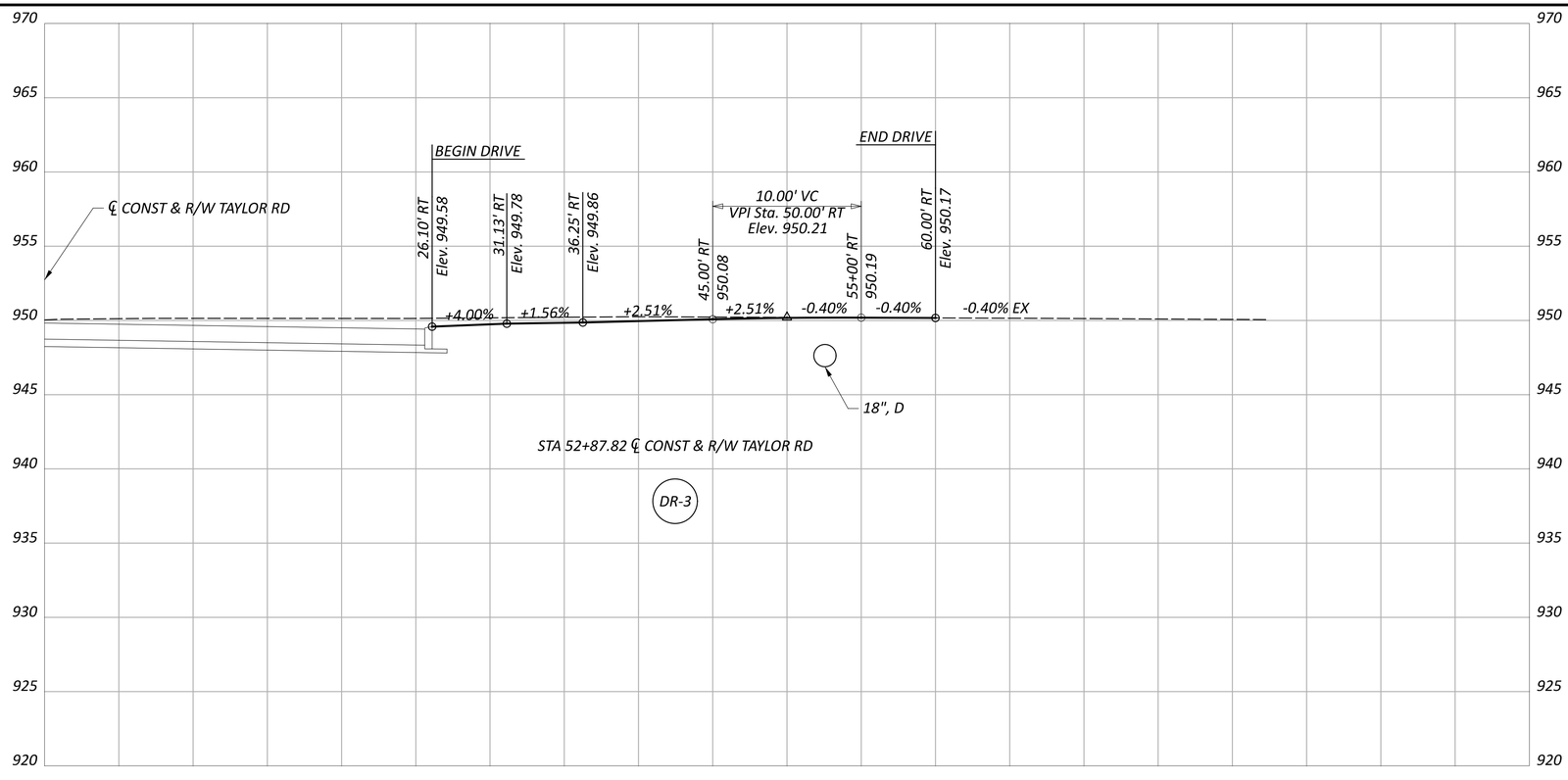
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

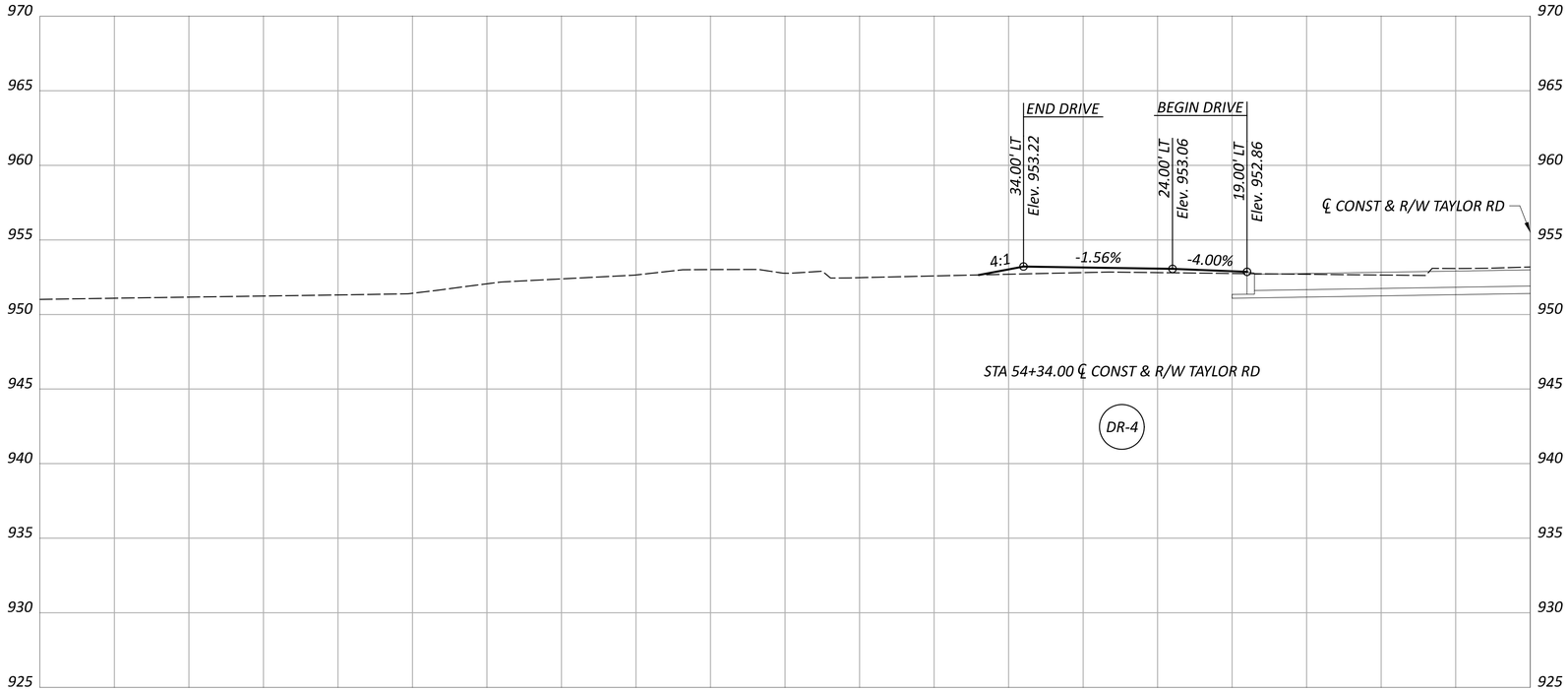
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1064 TOTAL P.2024





DRIVE PROFILE SHEET
DR-3 & DR-4

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1065 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:43:13 PM USER: brieder
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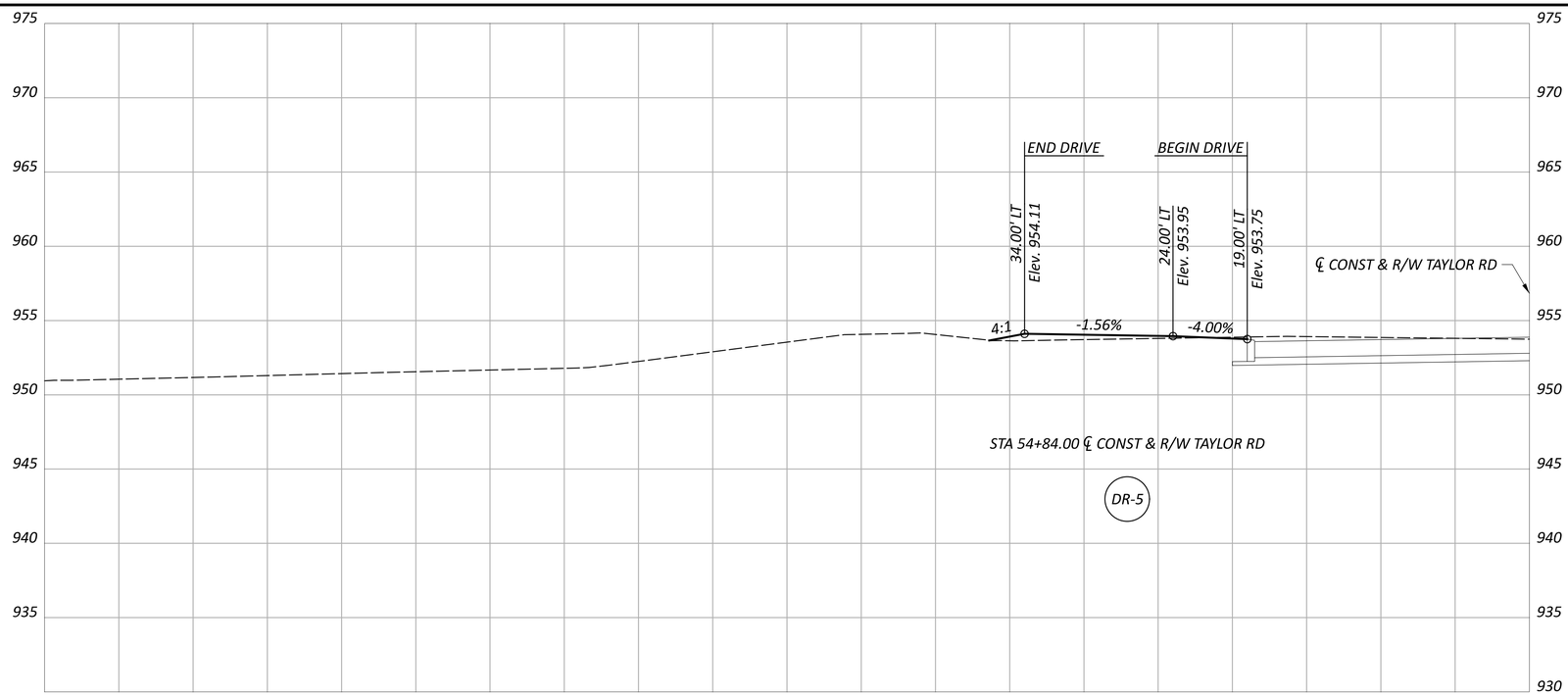

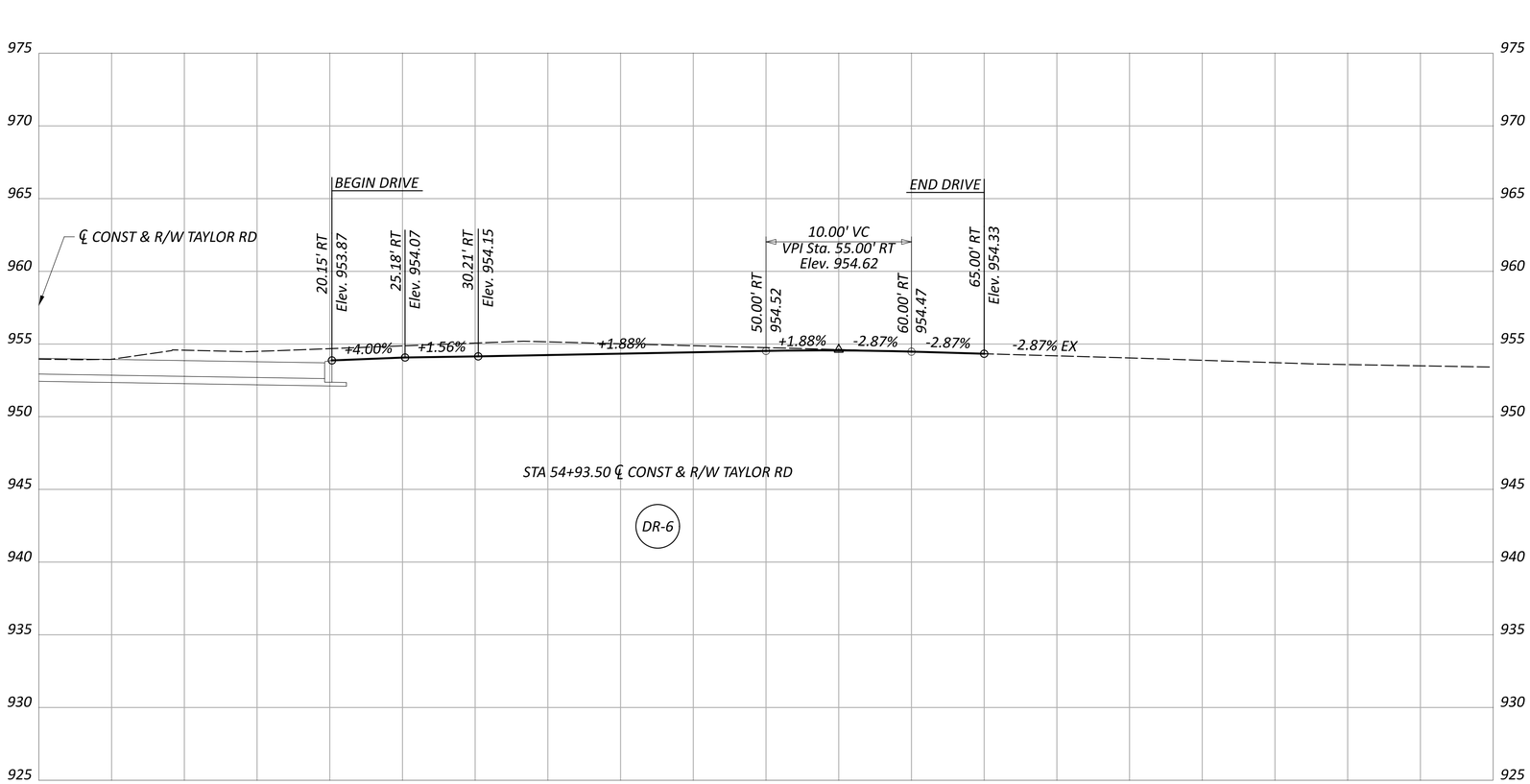

DRIVE PROFILE SHEET
DR-5 & DR-6

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1066
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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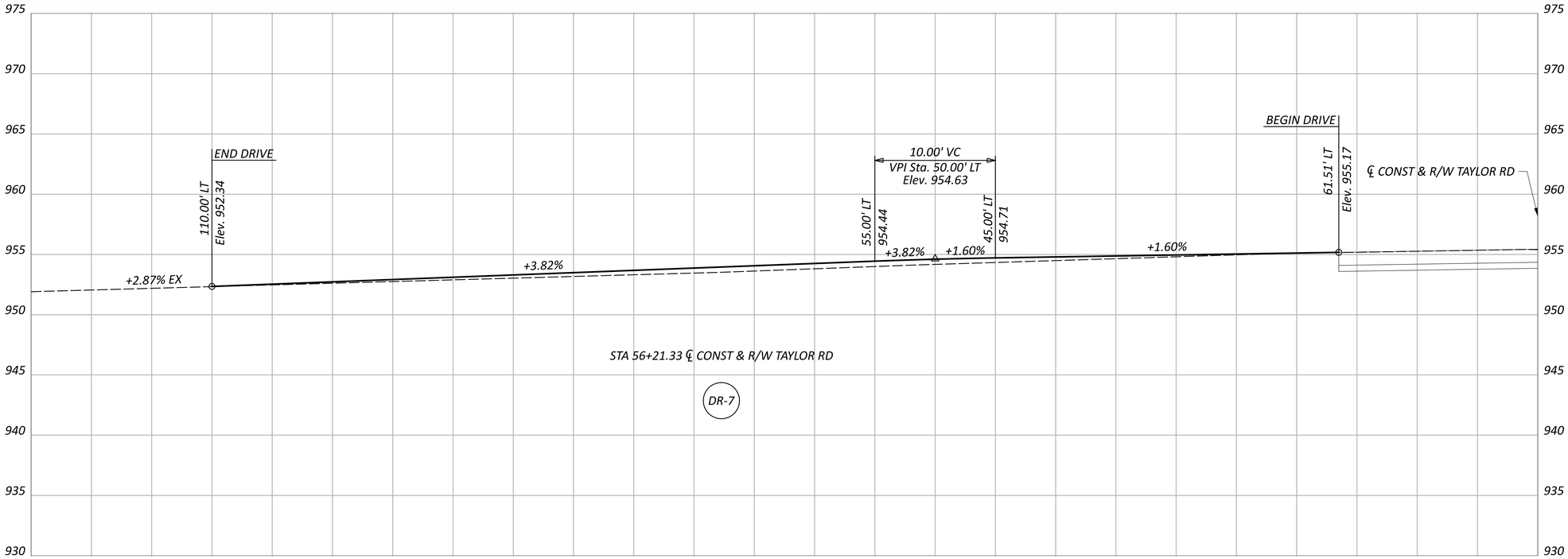

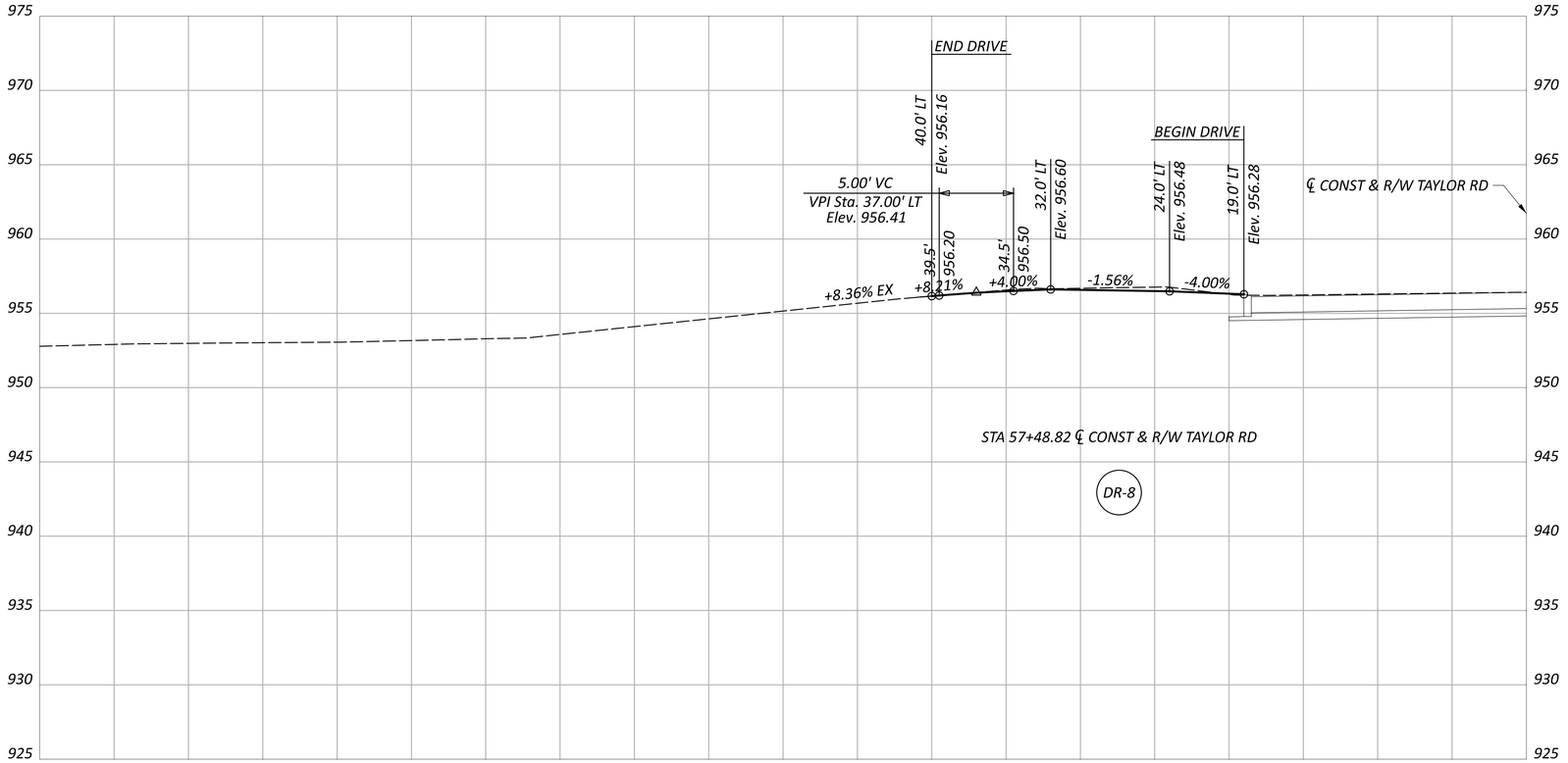

DRIVE PROFILE SHEET
DR-7 & DR-8

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1067 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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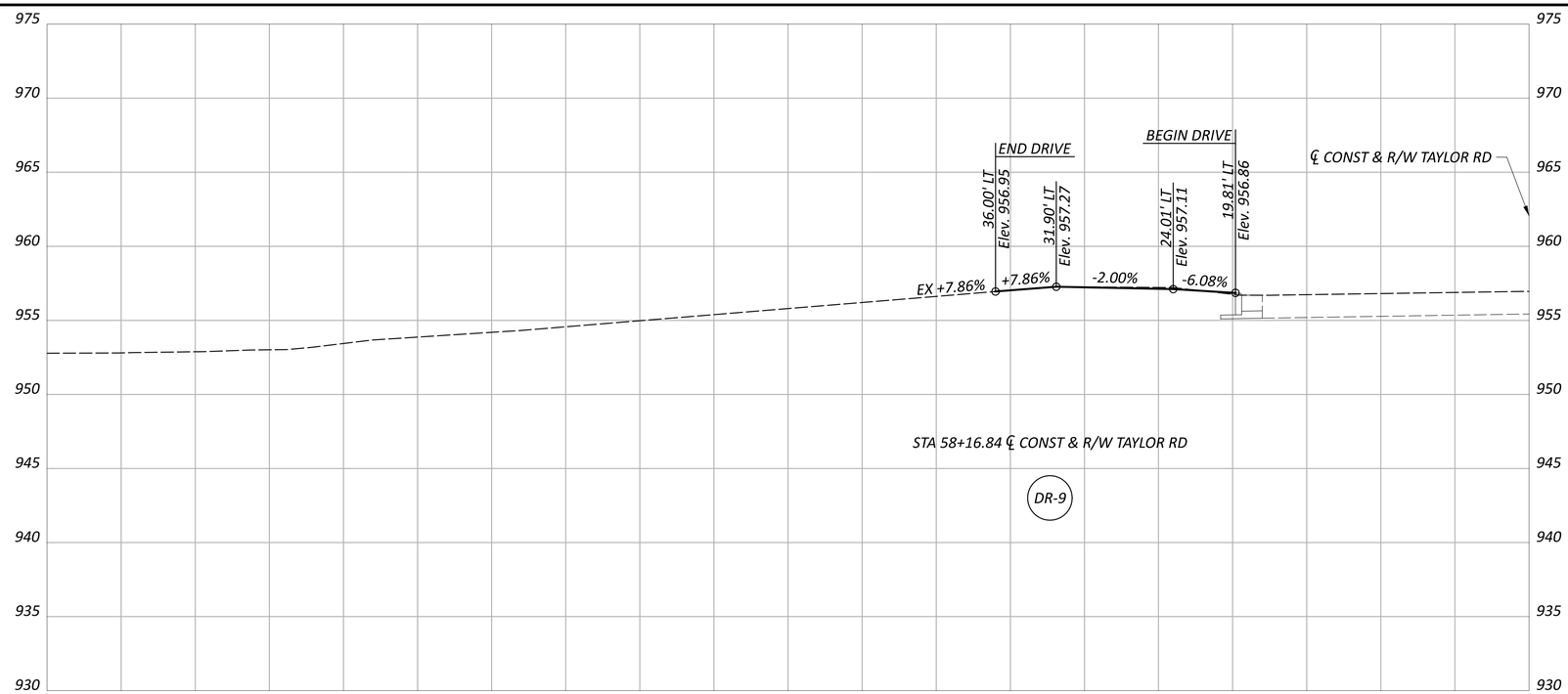

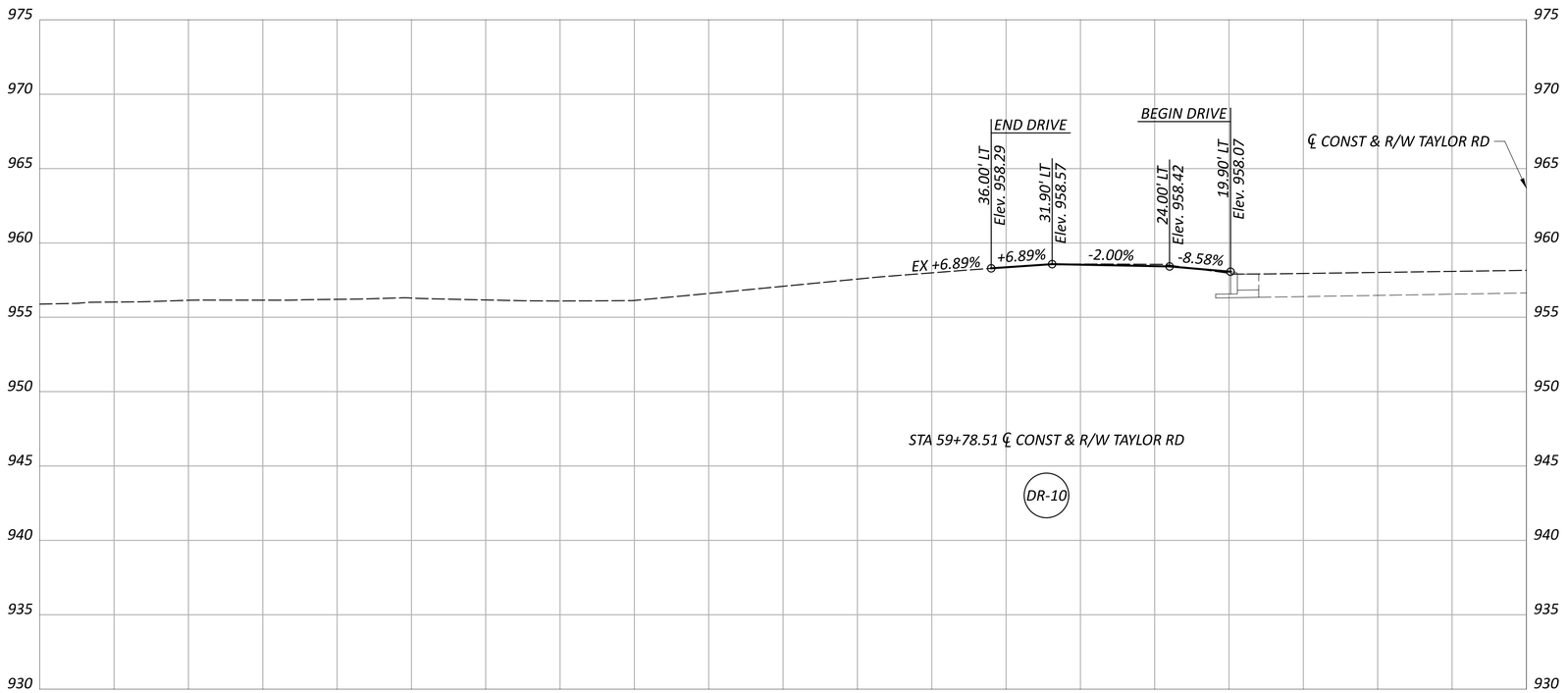

DRIVE PROFILE SHEET
DR-9 & DR-10

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1068
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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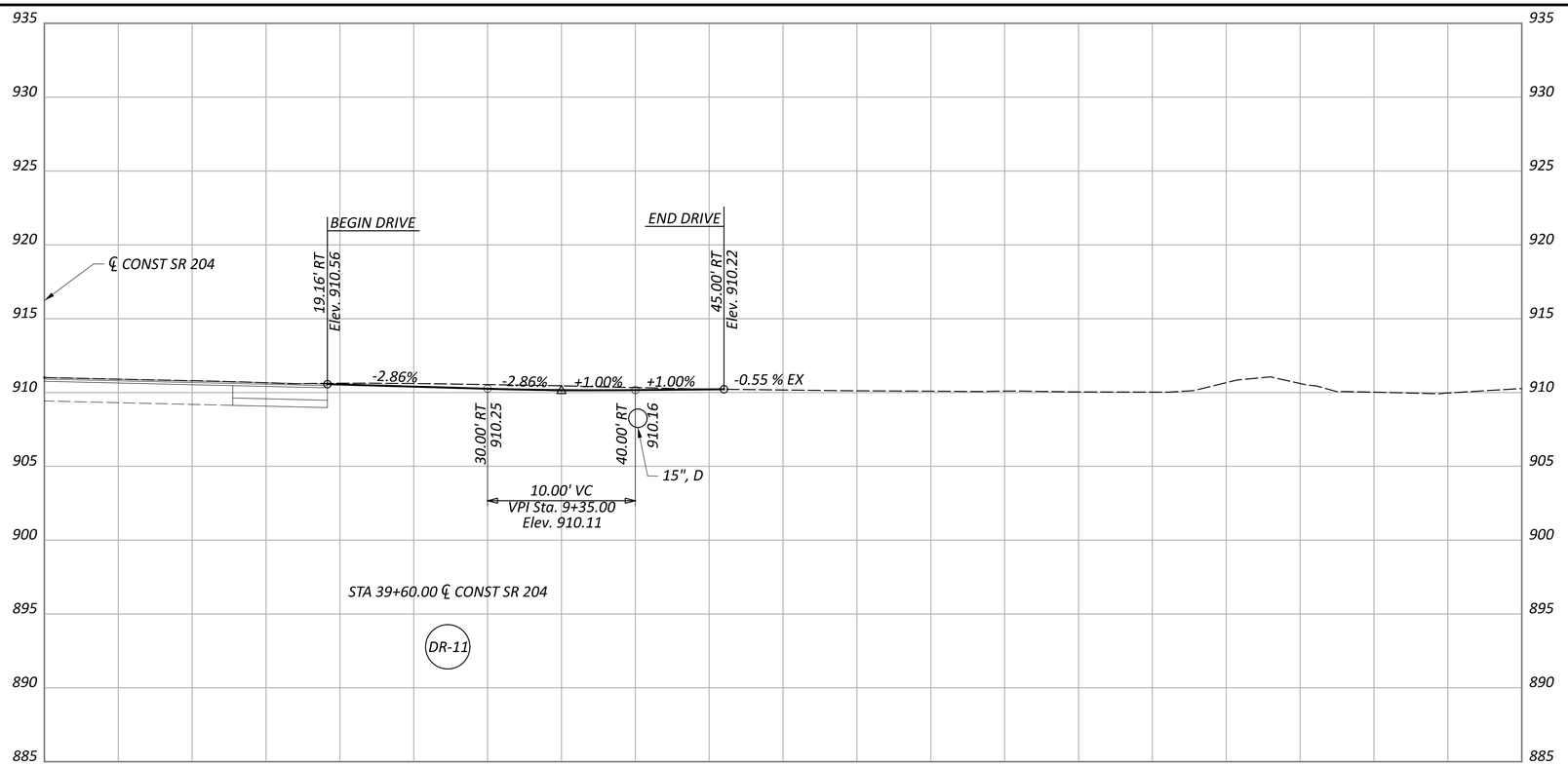

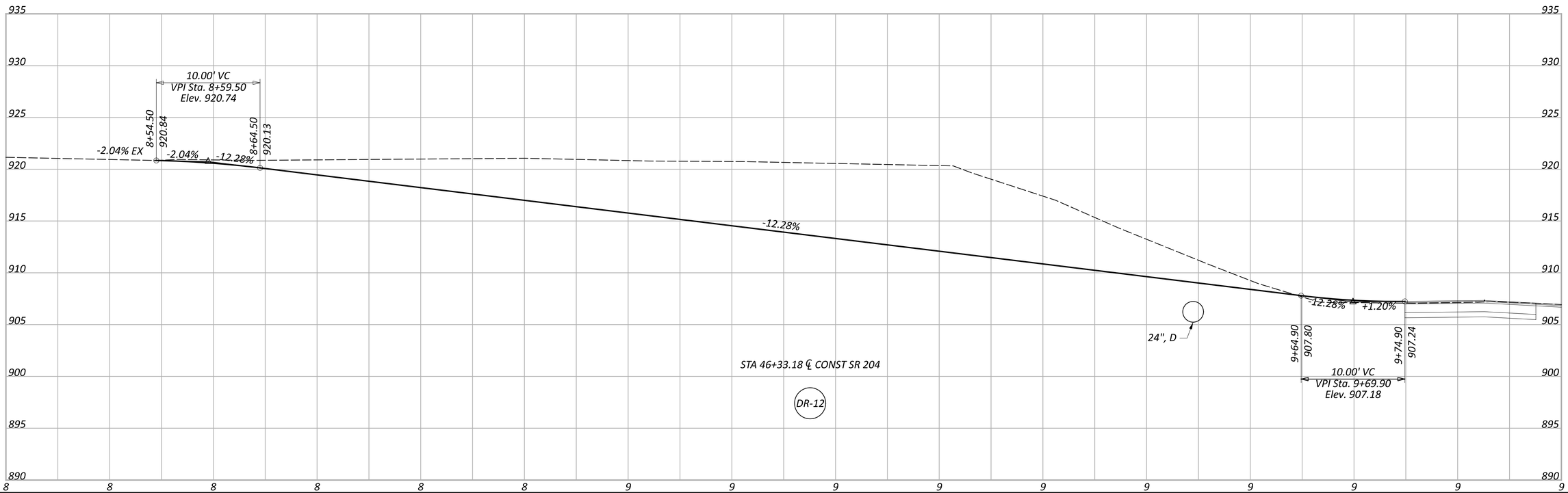

DRIVE PROFILE SHEET
DR-11 & DR-12

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1069
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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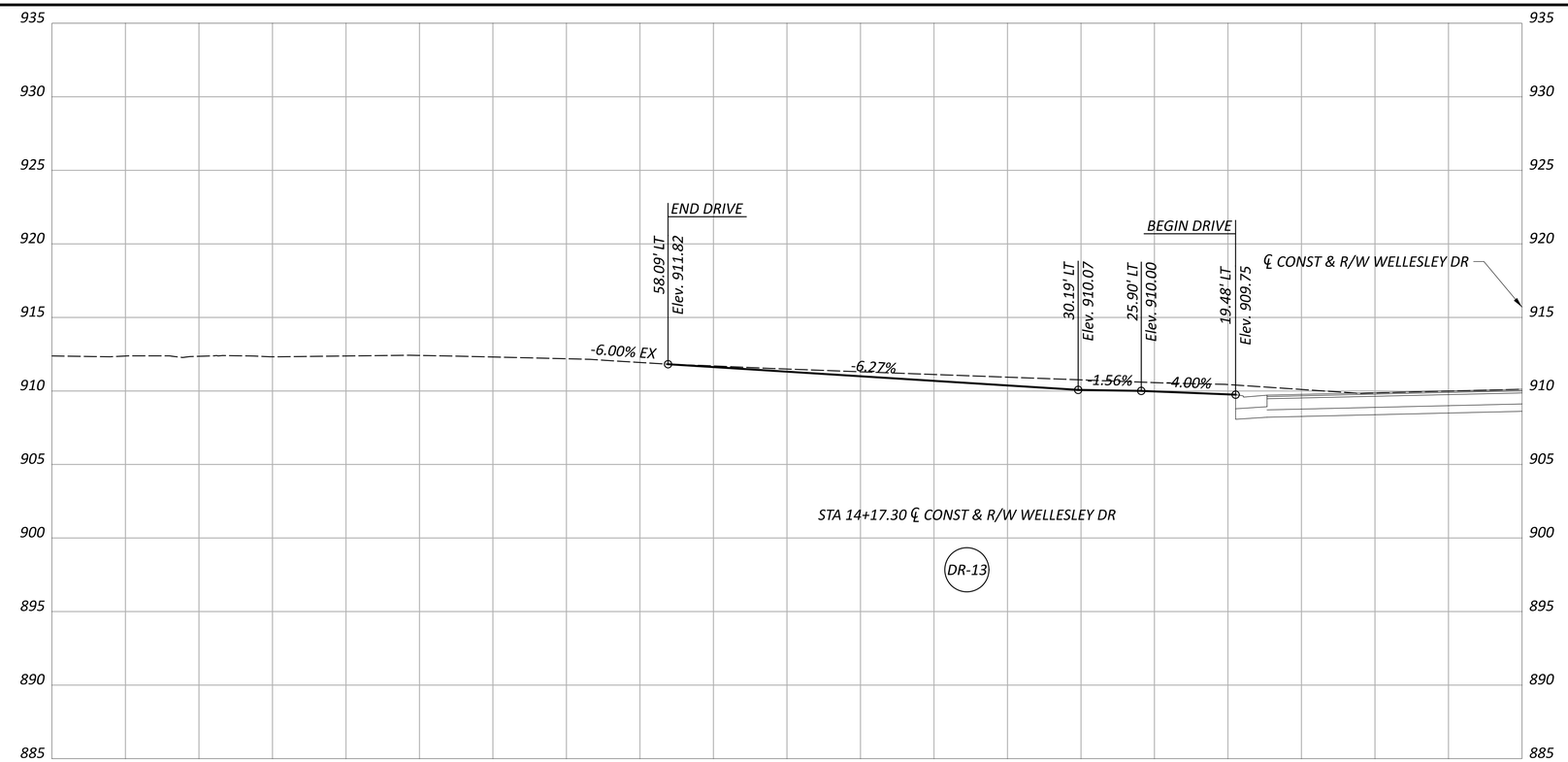

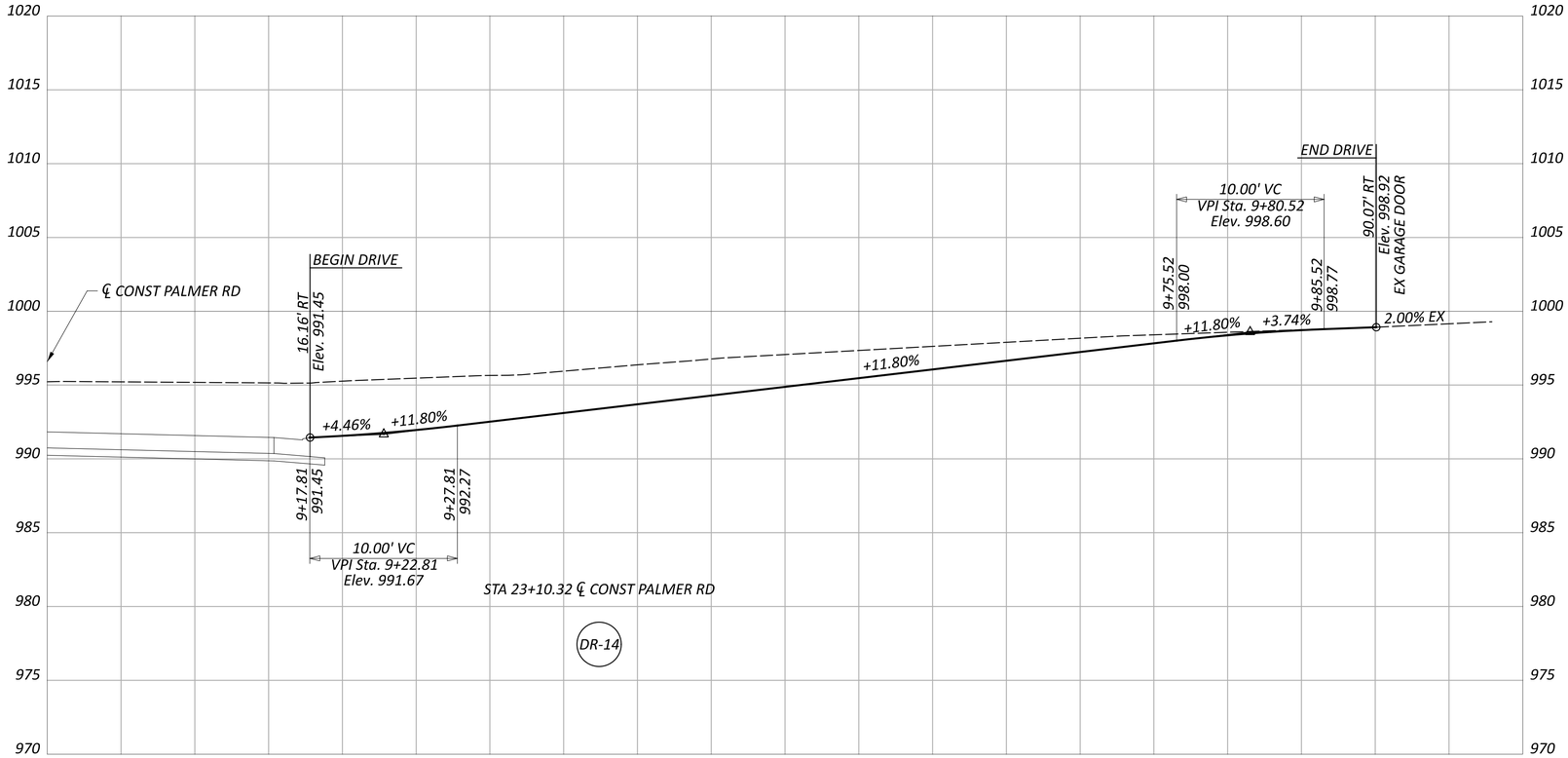

DRIVE PROFILE SHEET
DR-13 & DR-14

FAI/LIC-IR 70-0.00/0.00

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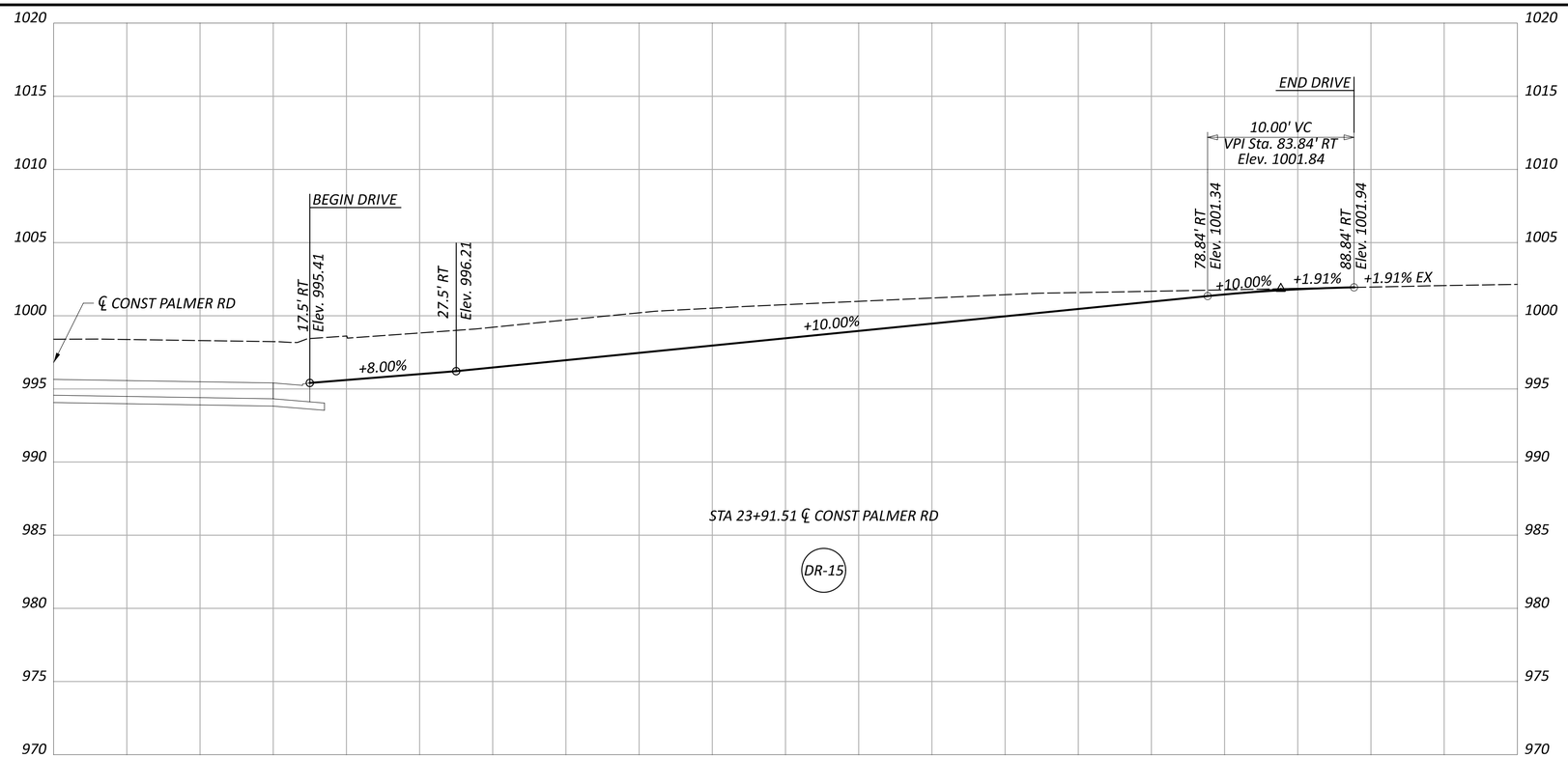
DESIGN AGENCY
STRUCTUREPOINT

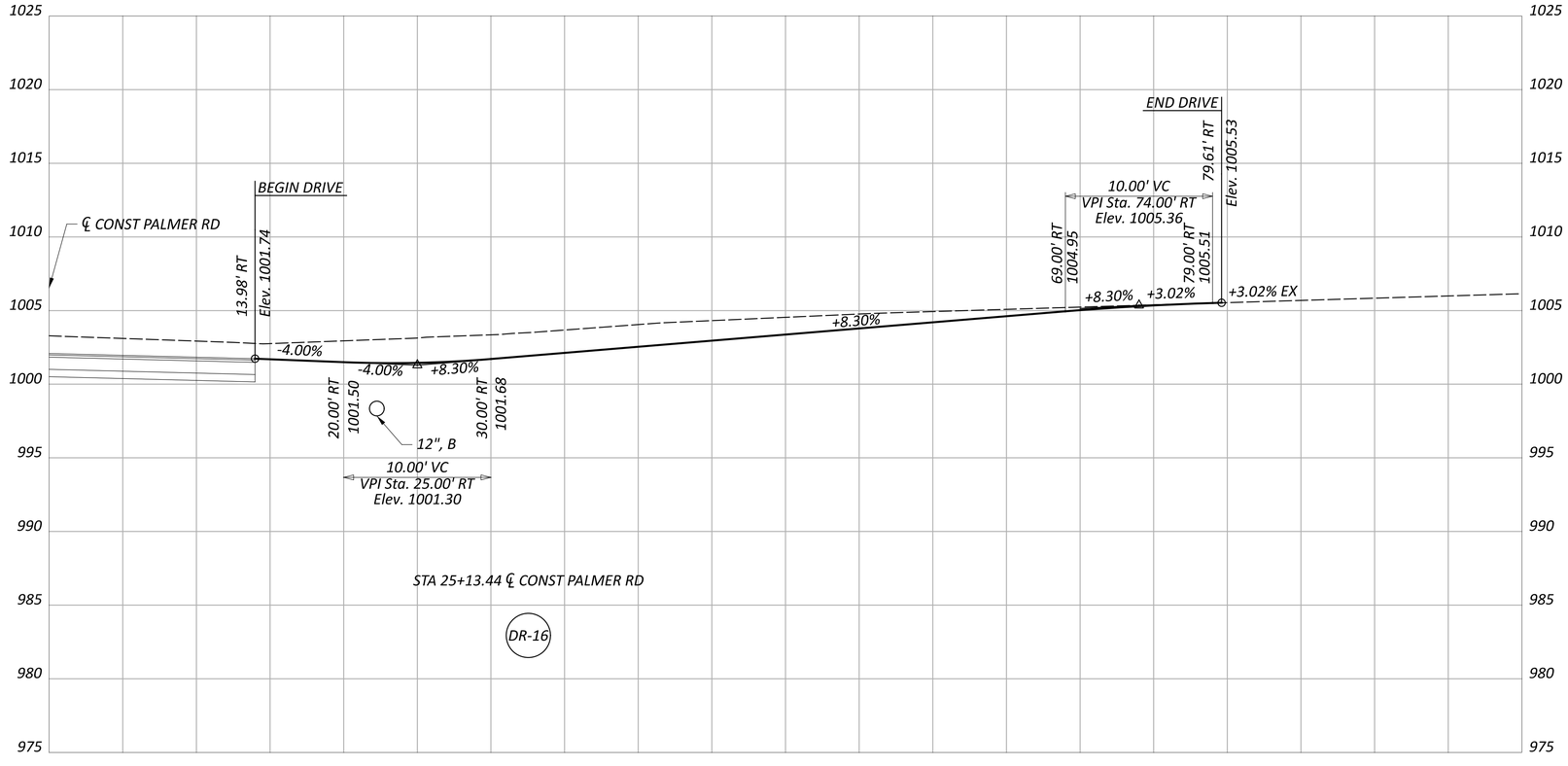
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1070 TOTAL P.2024





DRIVE PROFILE SHEET
DR-15 & DR-16

FAI/LIC-IR 70-0.00/0.00

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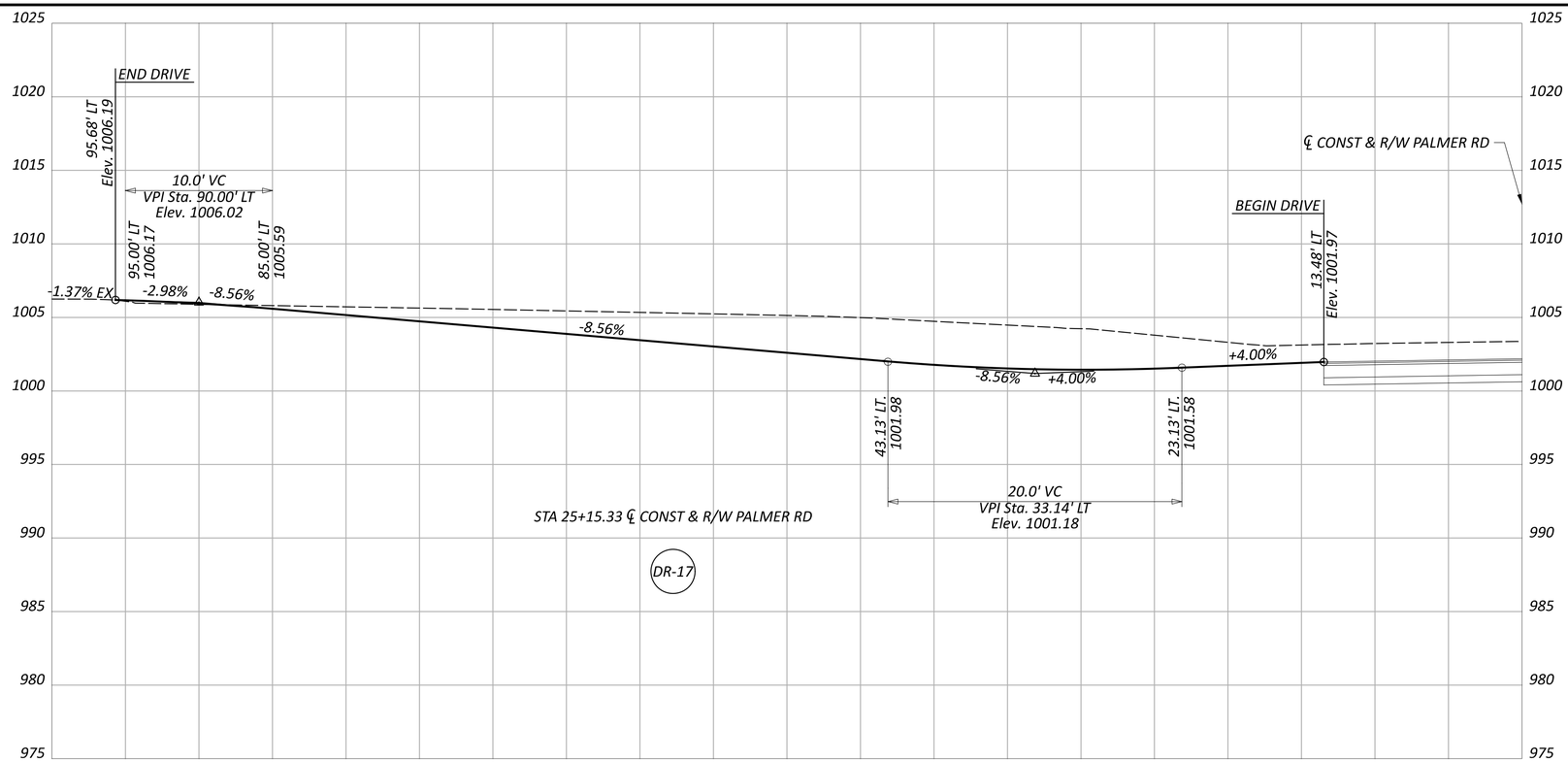
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1071
TOTAL	P.2024



DRIVE PROFILE SHEET
DR-17 & DR-18

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:43:49 PM USER: brieder
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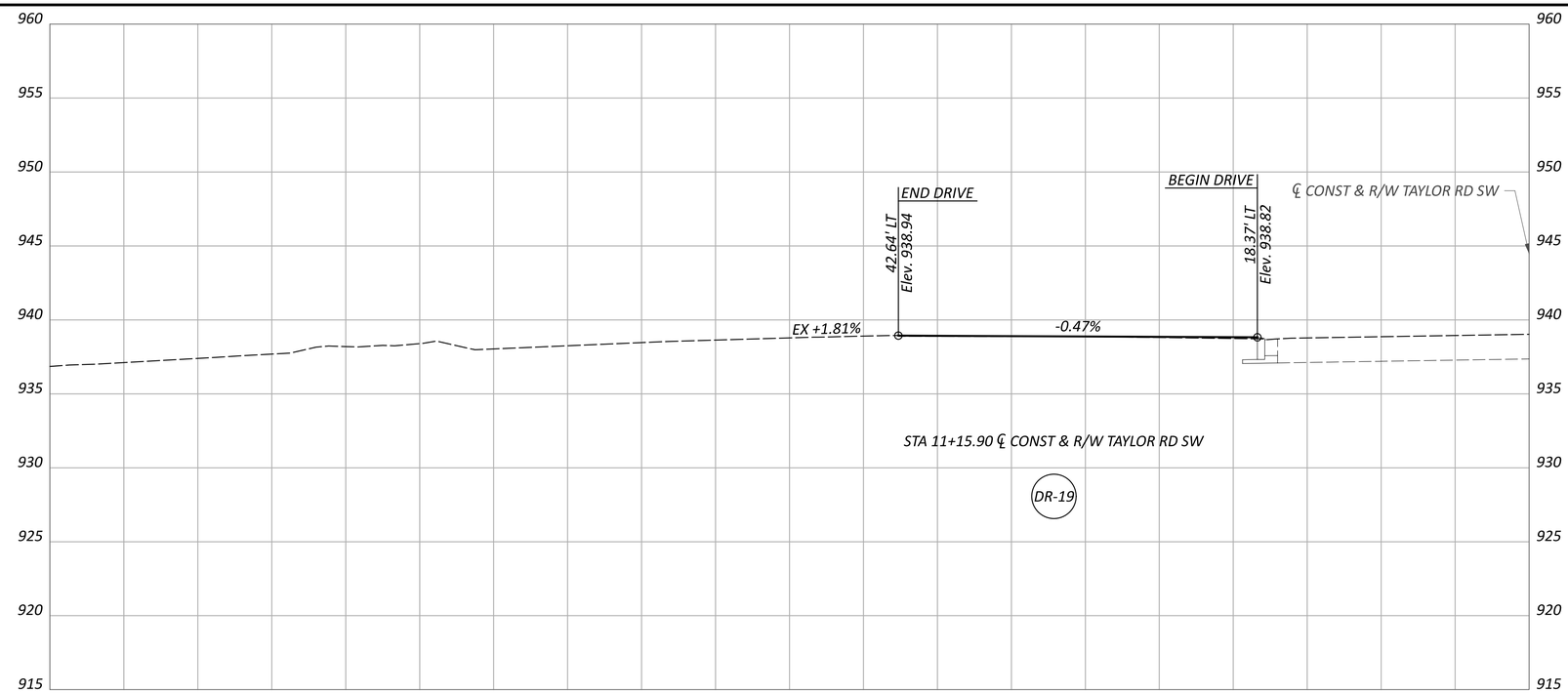
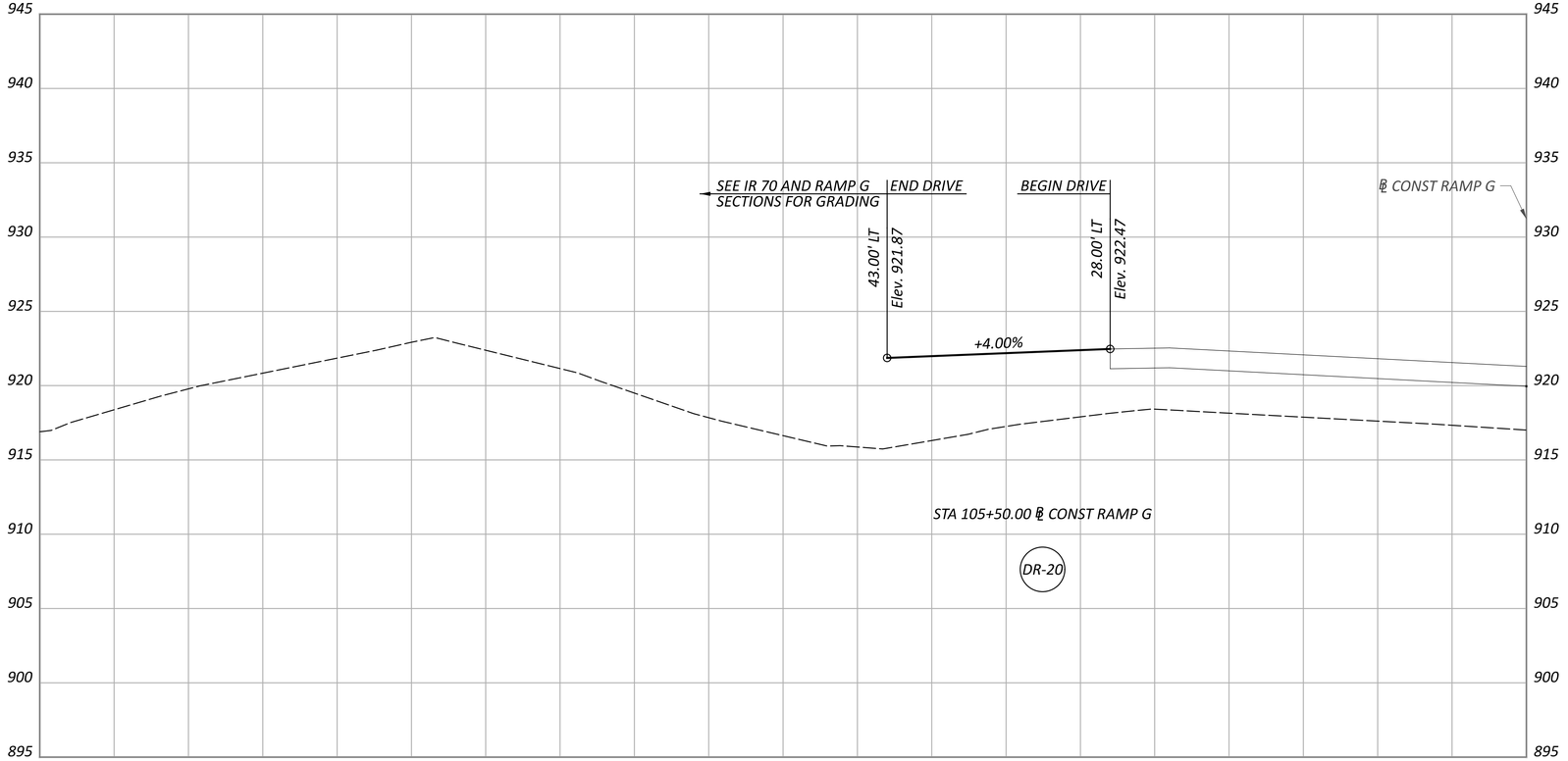
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1072
TOTAL	P.2024





DRIVE PROFILE SHEET
DR-19

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1073 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:43:54 PM USER: brieder
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SEEDING	
END WIDTH	SQ. YDS.

SEEDING	
END WIDTH	SQ. YDS.

SEEDING		END AREA		VOLUME	
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
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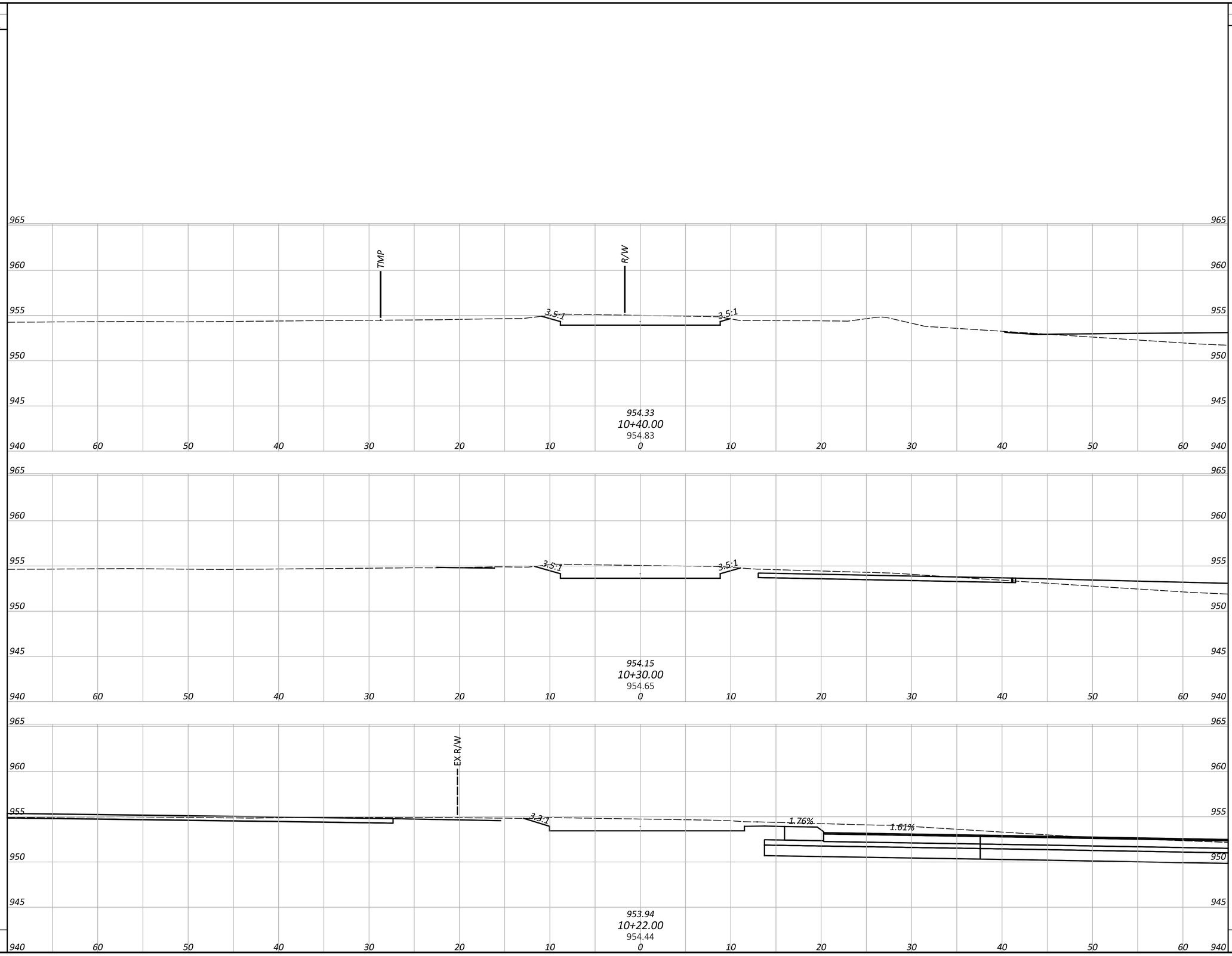
		0	0	0	0
		0	0	0	0
		0	0	0	0
SHEET TOTAL		SHEET TOTALS			



CROSS SECTION - DRIVE 6
STA 10+22.00 TO STA 10+40.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1076 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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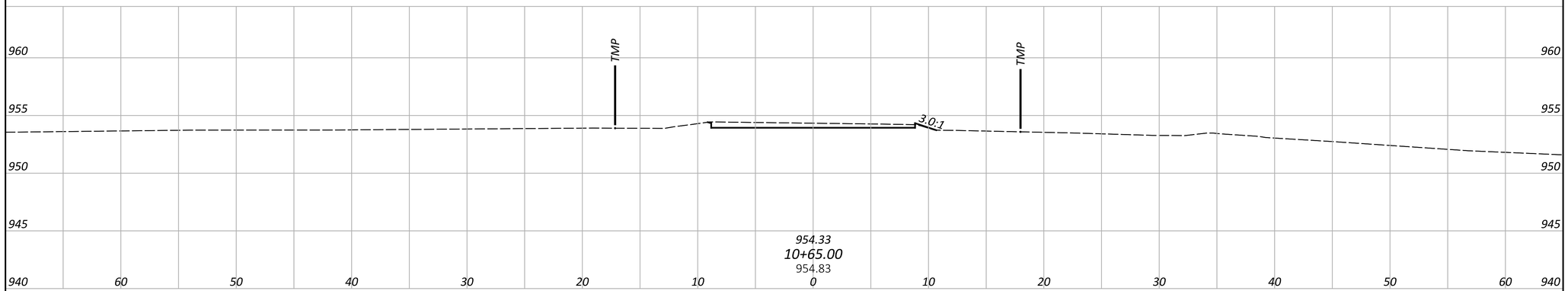
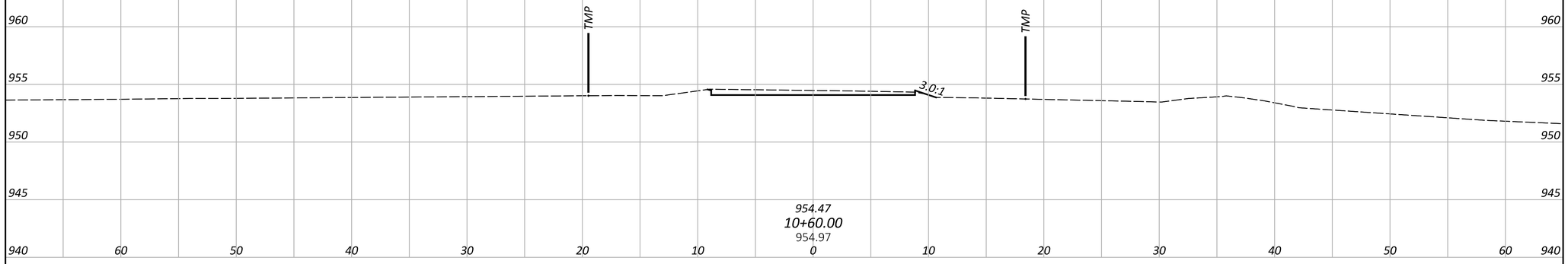
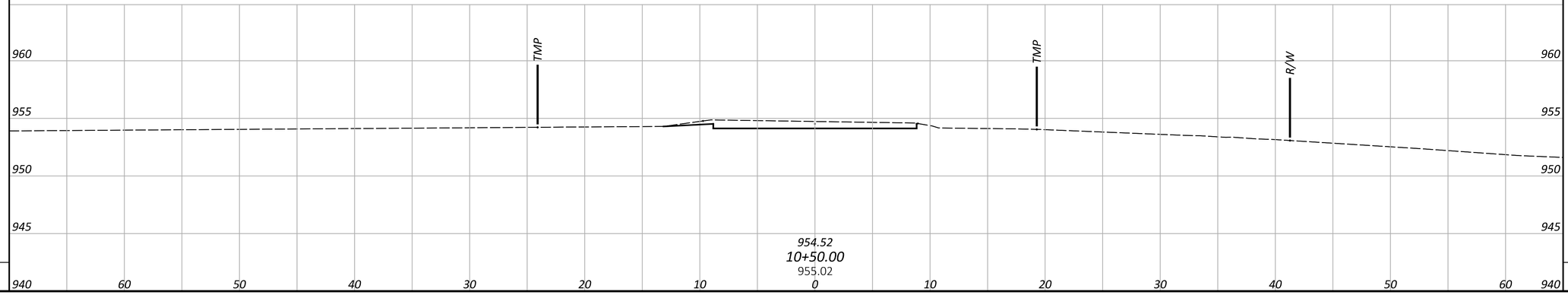
END WIDTH	SQ. YDS.







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0	0
0	0

VOLUME	
CUT	FILL
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0	0
0	0

CROSS SECTION - DRIVE 6
STA 10+50.00 TO STA 10+65.00

FAI/LIC-IR 70-0.00/0.00

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SHEET TOTAL

SHEET TOTALS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

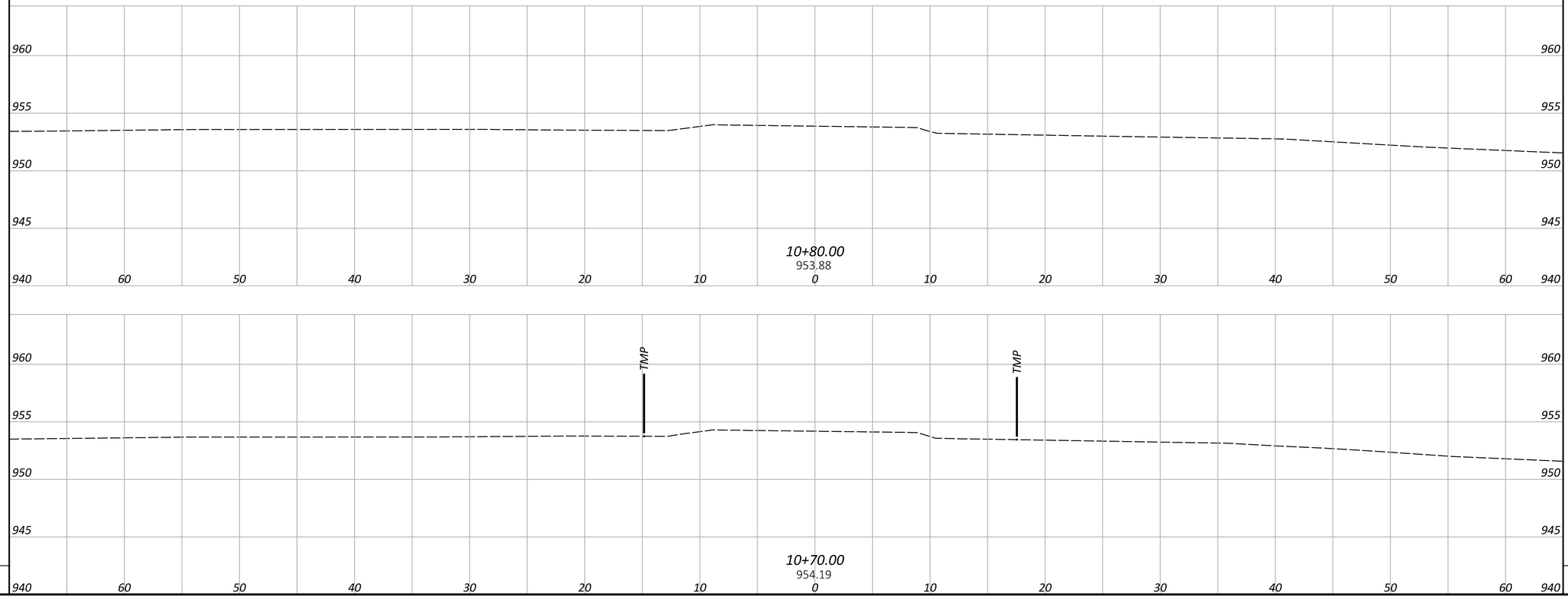
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.1077	P.2024

SEEDING	
END WIDTH	SQ. YDS.



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0	0	0	0
SHEET TOTALS			

SHEET TOTAL		

CROSS SECTION - DRIVE 6
STA 10+70.00 TO STA 10+80.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1078
TOTAL	P.2024

SEEDING	
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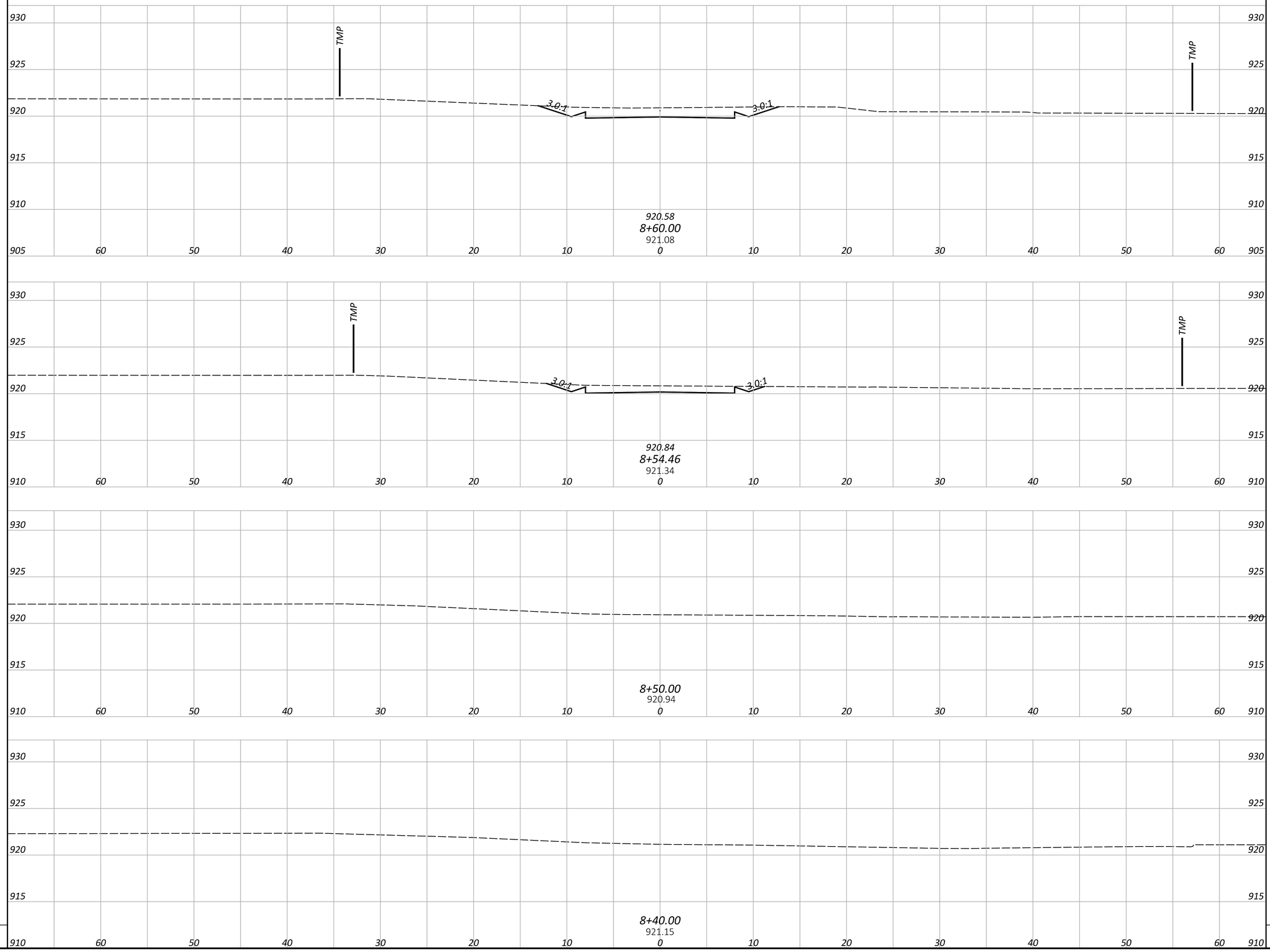

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0	0	0	0
0	0	0	0
0	0	0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 12
STA 8+70.00 TO STA 8+60.00

DESIGN AGENCY
MIDEAN STRUCTUREPOINT INC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1079 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

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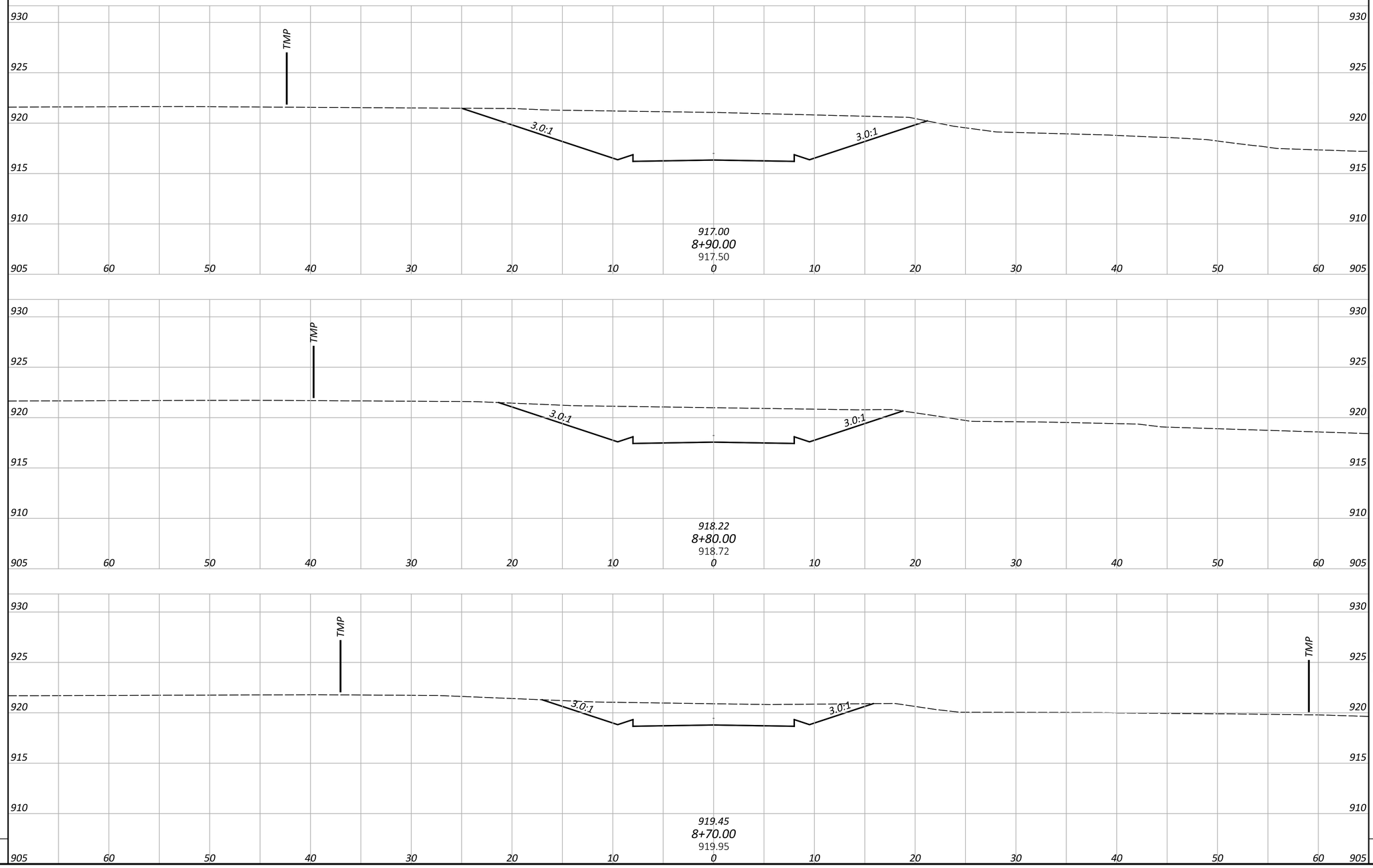
SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



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0	0		
		0	0
0	0		
		0	0
0	0		
		0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 12
STA 8+70.00 TO STA 8+90.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive7 - 8+70.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:44:39 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

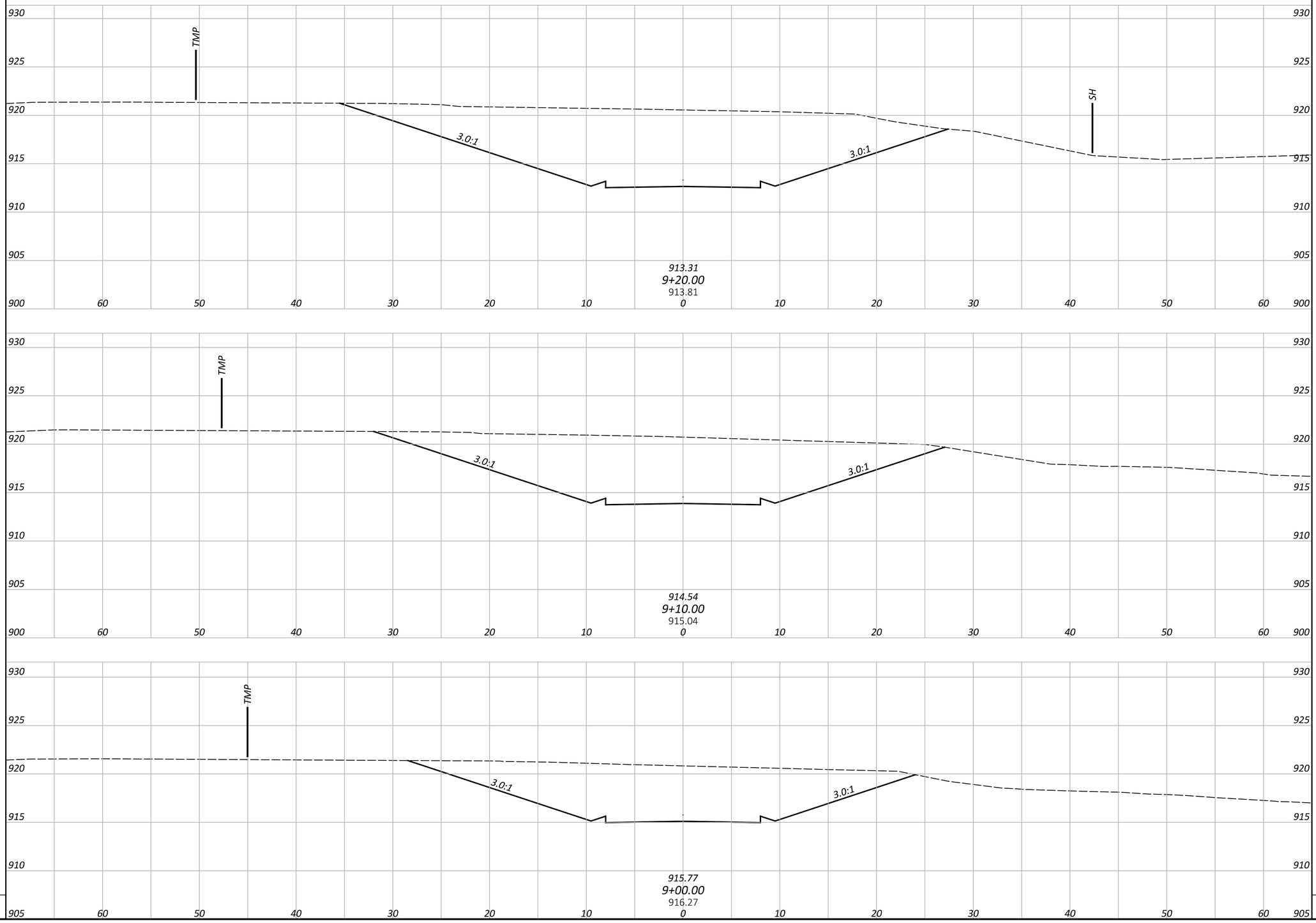
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.1080	P.2024

SEEDING	
END WIDTH	SQ. YDS.



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0	0
0	0

VOLUME	
CUT	FILL
0	0
0	0

SHEET TOTALS

CROSS SECTION - DRIVE 12
STA 9+00.00 TO STA 9+20.00

DESIGN AGENCY
MERIDIAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1081 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

MODEL: CLP_Drive7 - 9+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:44:41 PM USER: brieder
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SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
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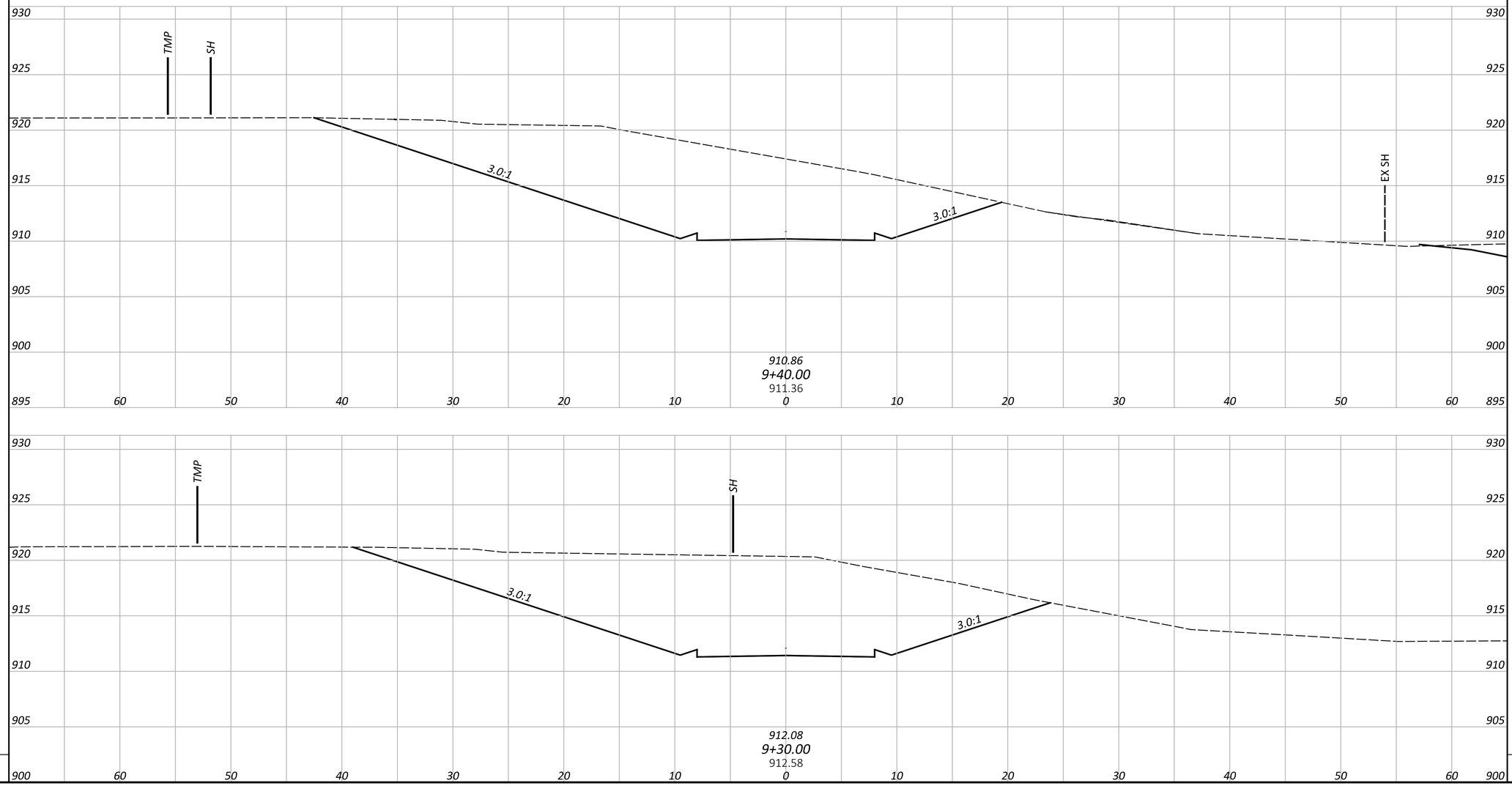
0	0		
		0	0
SHEET TOTALS			



CROSS SECTION - DRIVE 12
STA 9+30.00 TO STA 9+40.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.1082	P.2024

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

MODEL: CLP_Drive7 - 9+30.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:44:42 PM USER: brieder
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SEEDING		END AREA		VOLUME	
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
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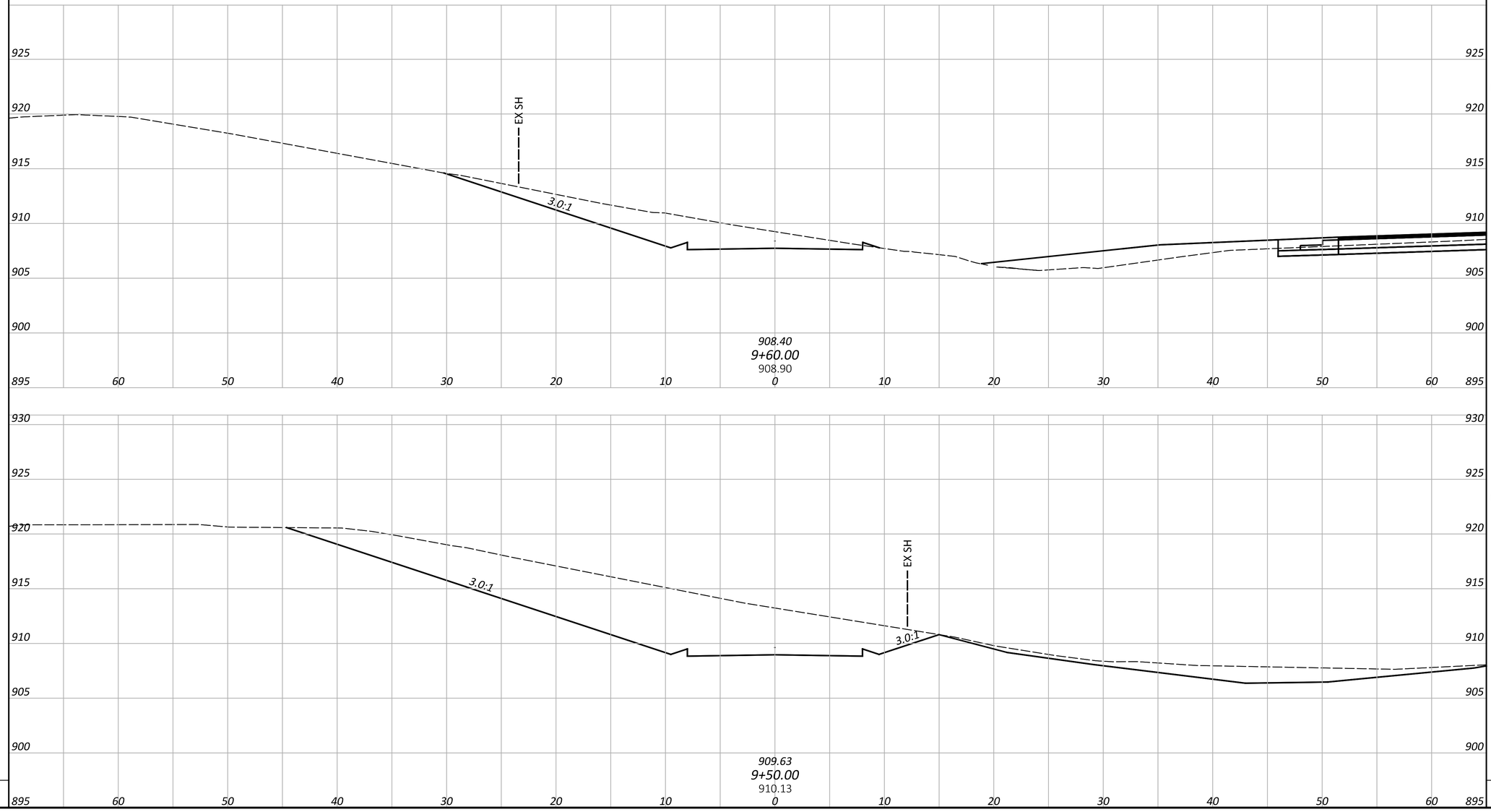
		0	0	0	0
SHEET TOTAL		SHEET TOTALS			



CROSS SECTION - DRIVE 12
STA 9+50.00 TO STA 9+60.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1083 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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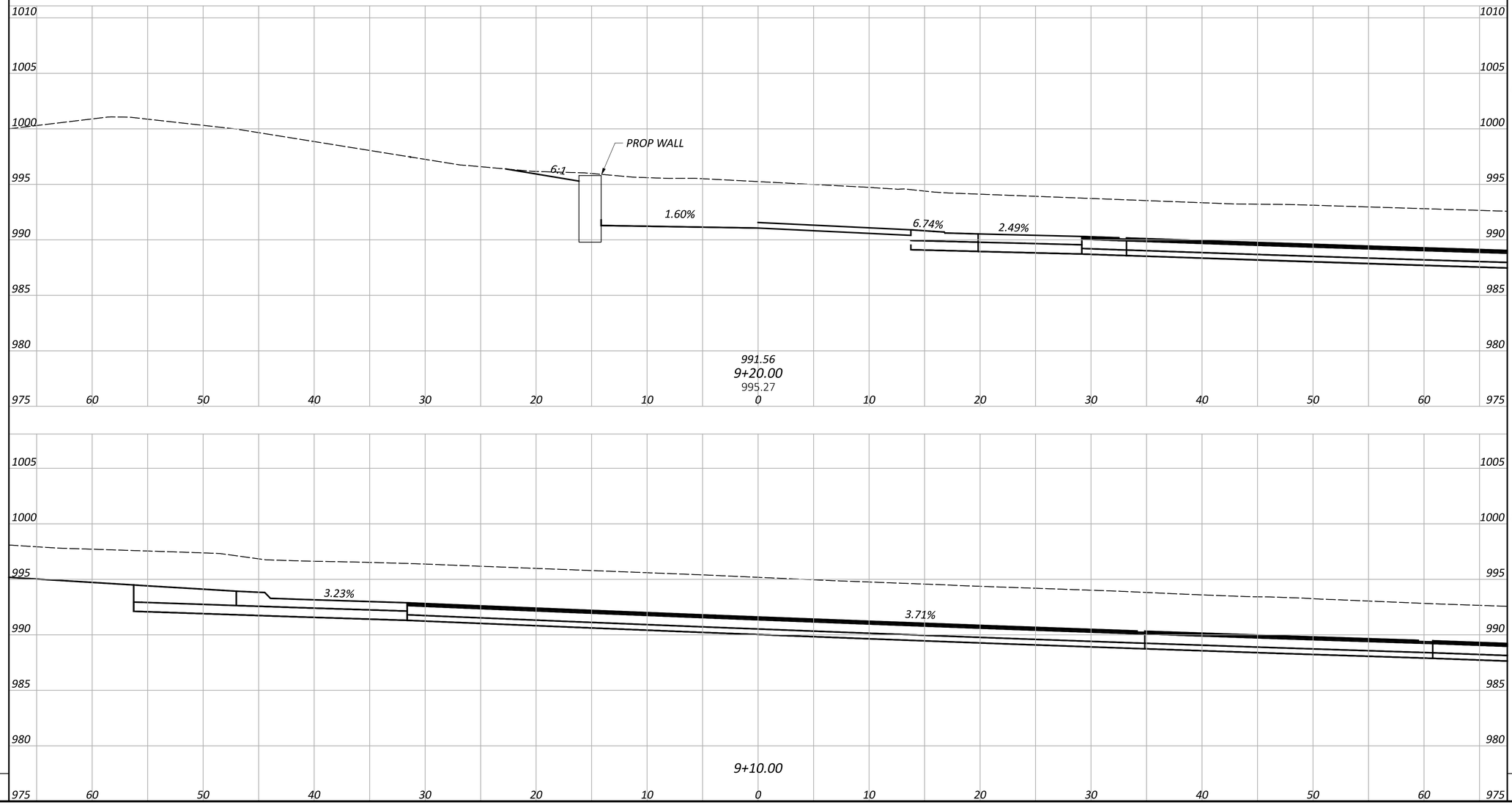
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
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		0	0
0	0		
		0	0
SHEET TOTALS			

SHEET TOTAL	

CROSS SECTION - DRIVE 14
STA 9+10.00 TO STA 9+20.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1084 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive9 - 9+10.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:44:52 PM USER: brieder
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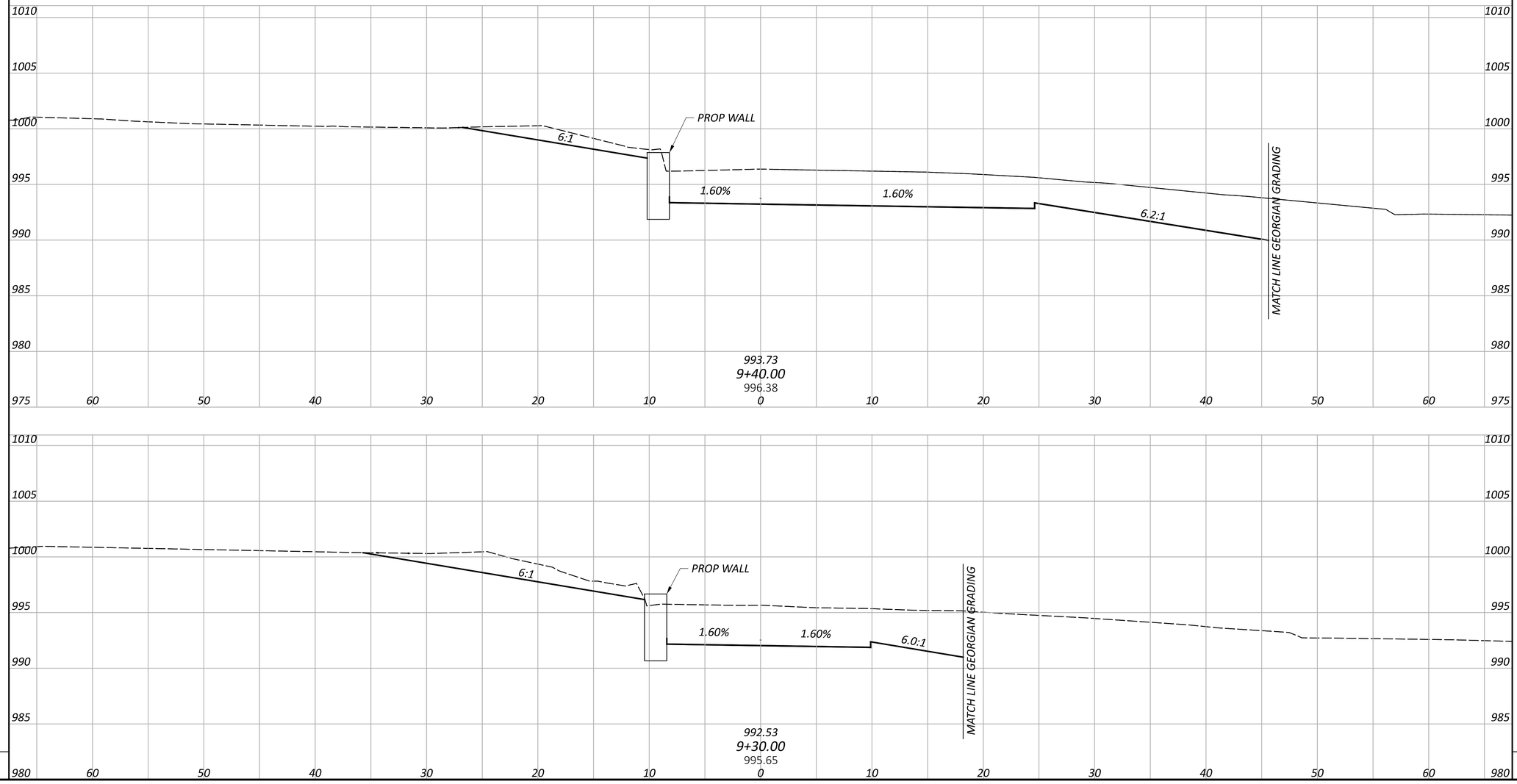
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
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0	0		
		0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 14
STA 9+30.00 TO STA 9+40.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

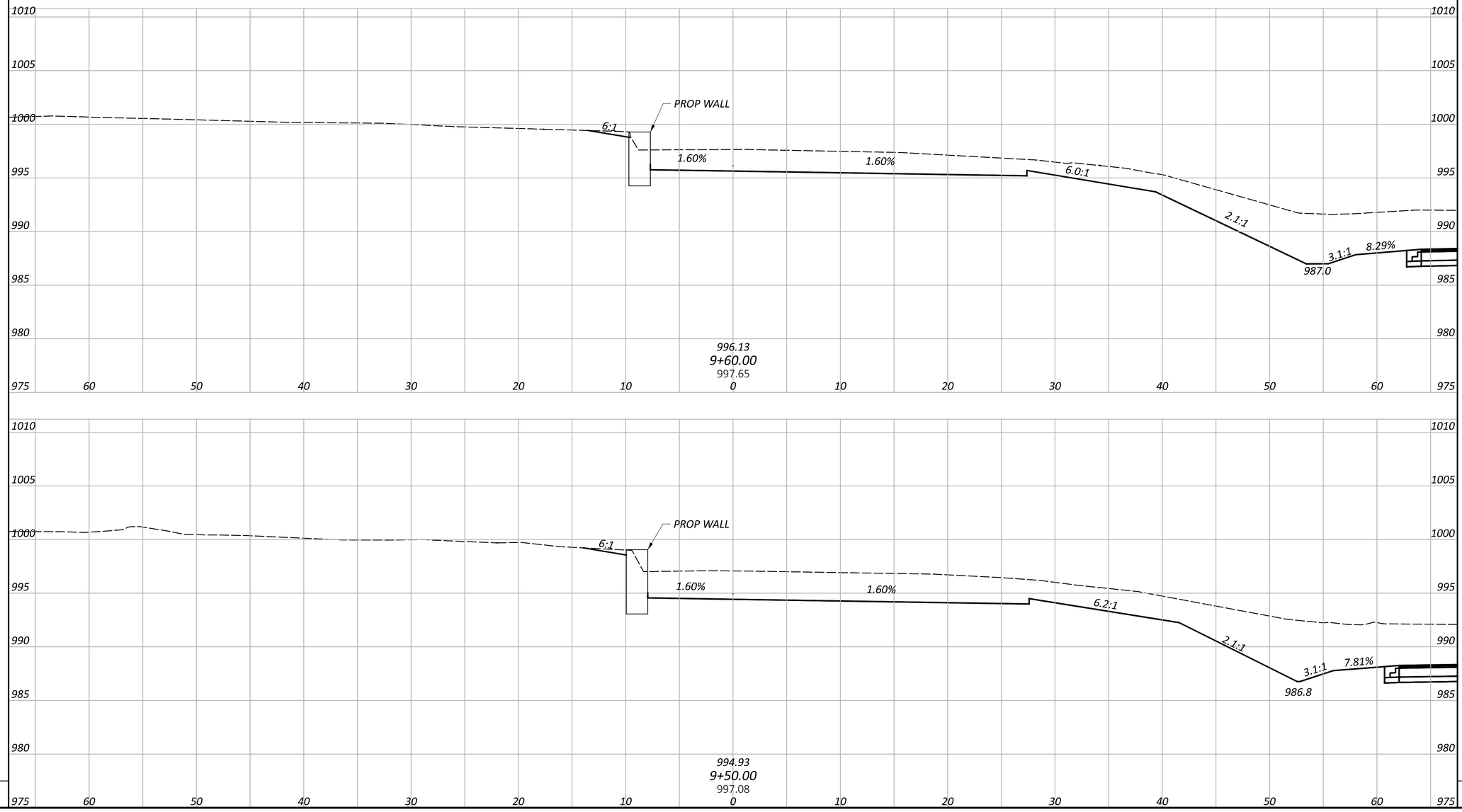
SHEET P.1085 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive9 - 9+30.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:44:57 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Roadway\Sheets\96808_XS661A.dgn

SHEET TOTAL

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0	0	0
0	0	0	0
SHEET TOTALS			

SHEET TOTAL

CROSS SECTION - DRIVE 14
STA 9+50.00 TO STA 9+60.00

FAI/LIC-IR 70-0.00/0.00

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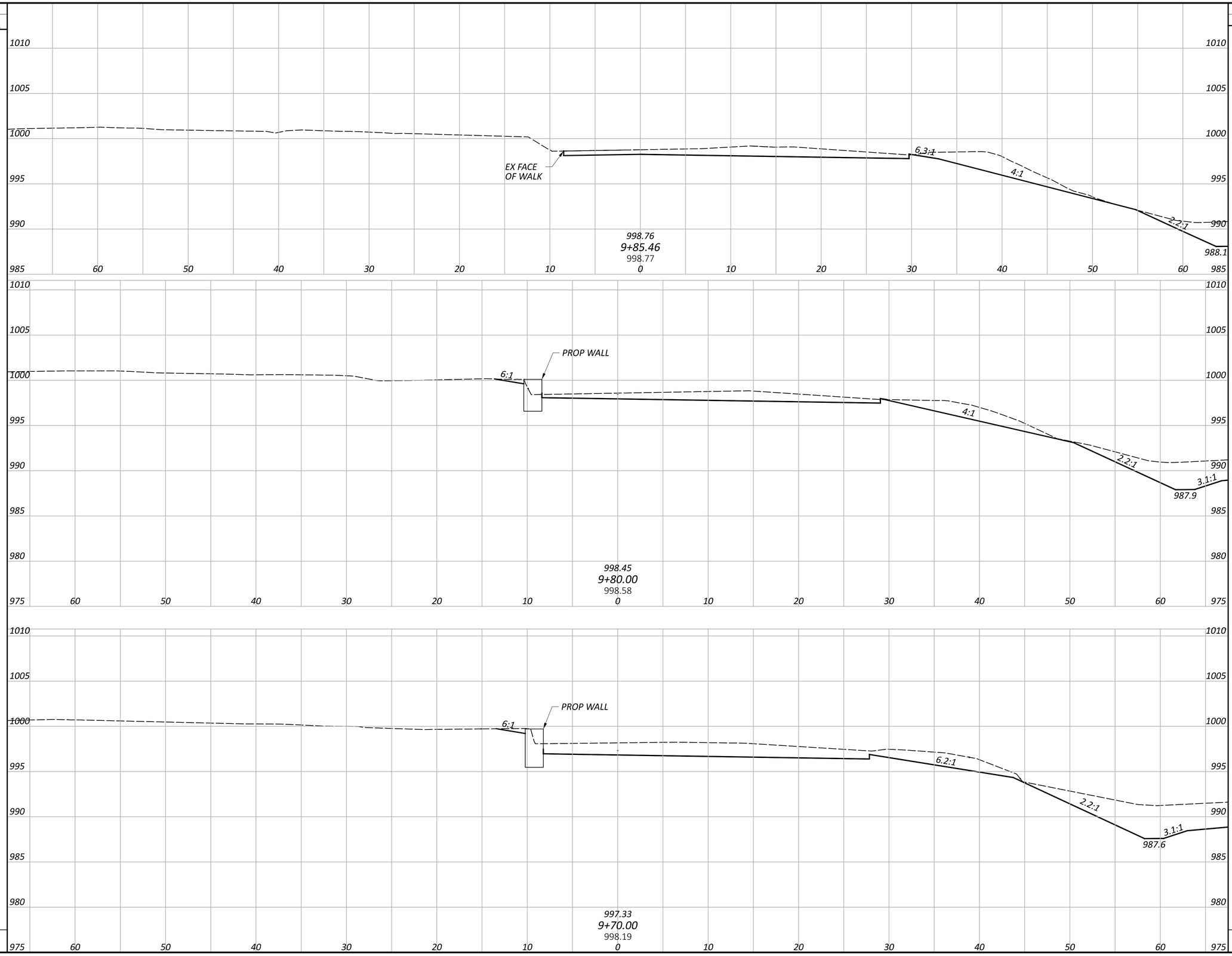
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER
REVIEWER
KAM 08/07/26
PROJECT ID
96808
SHEET P.1086 / TOTAL P.2024

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
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0	0		
		0	0
0	0		
		0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 14
STA 9+70.00 TO STA 9+85+46

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive9 - 9+70.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:01 PM USER: brieder
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SHEET TOTAL

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1087 TOTAL P.2024

SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
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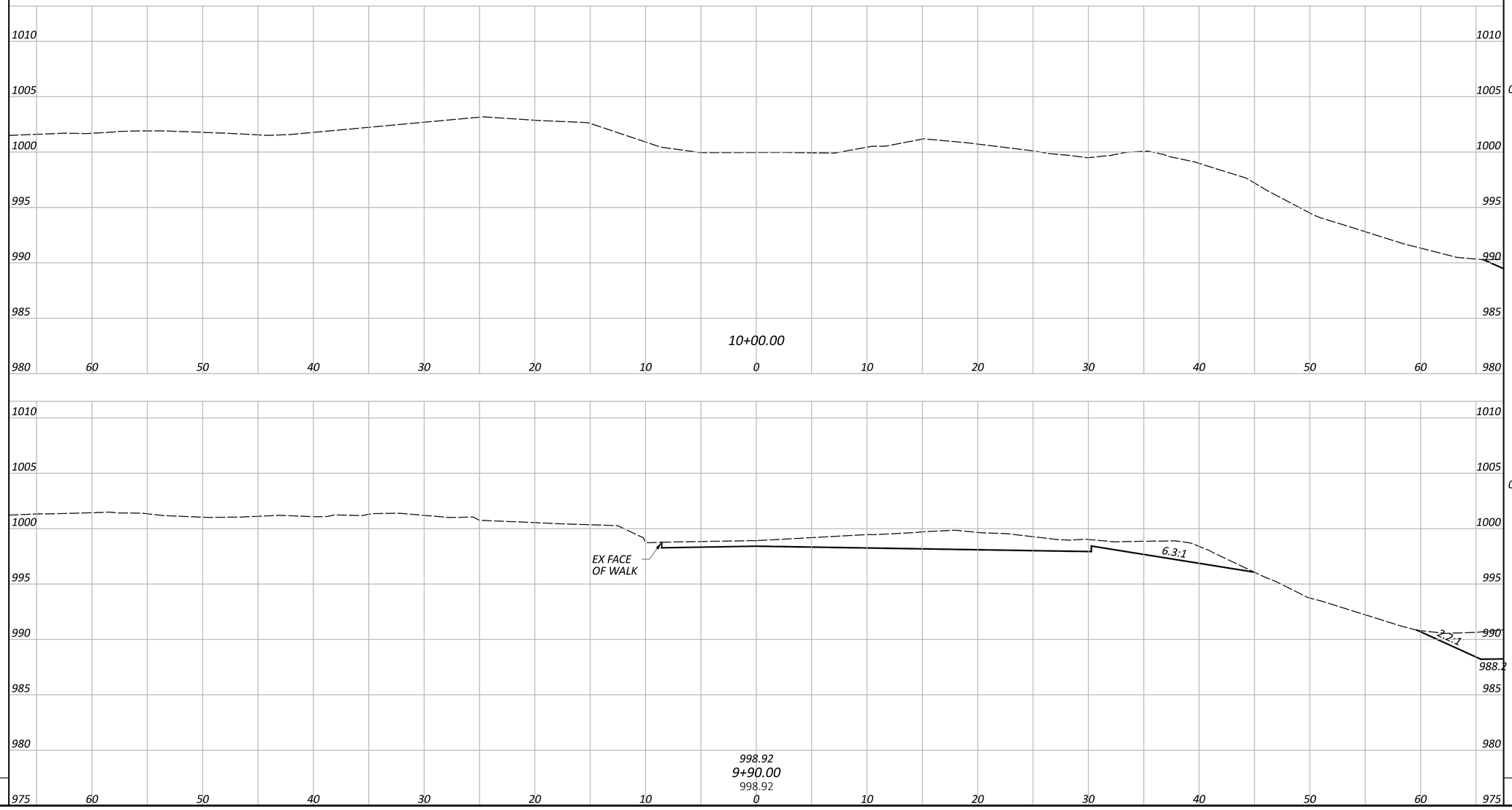
0	0	0	0
0	0		
		0	0



SHEET TOTAL

SHEET TOTALS

CROSS SECTION - DRIVE 14
STA 9+90.00 TO STA 10+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive9 - 9+90.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:03 PM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

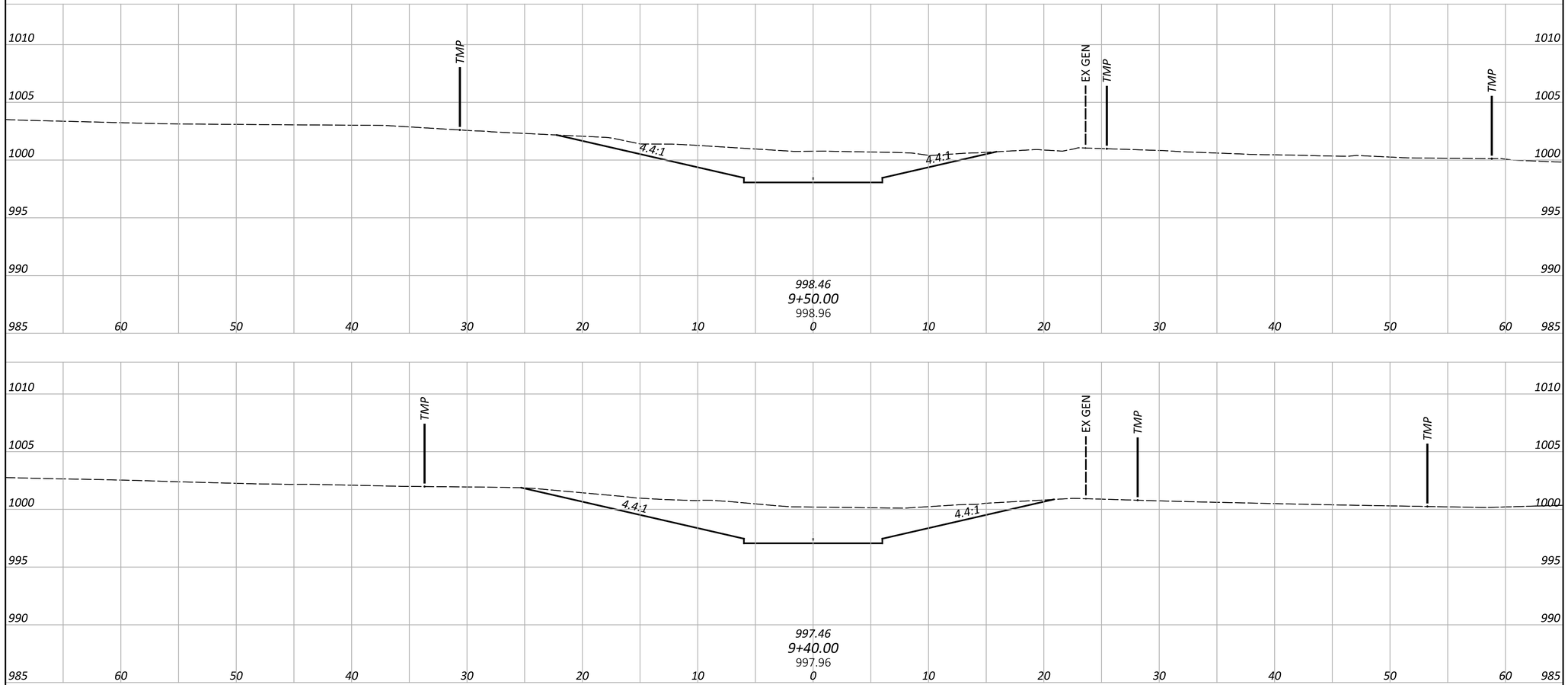
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1088 | TOTAL P.2024

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
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0	0	0	0
0	0	0	0
SHEET TOTALS			

SHEET TOTAL	

CROSS SECTION - DRIVE 15
STA 9+40.00 TO STA 9+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1089
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive10 - 9+40.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:11 PM USER: brieder
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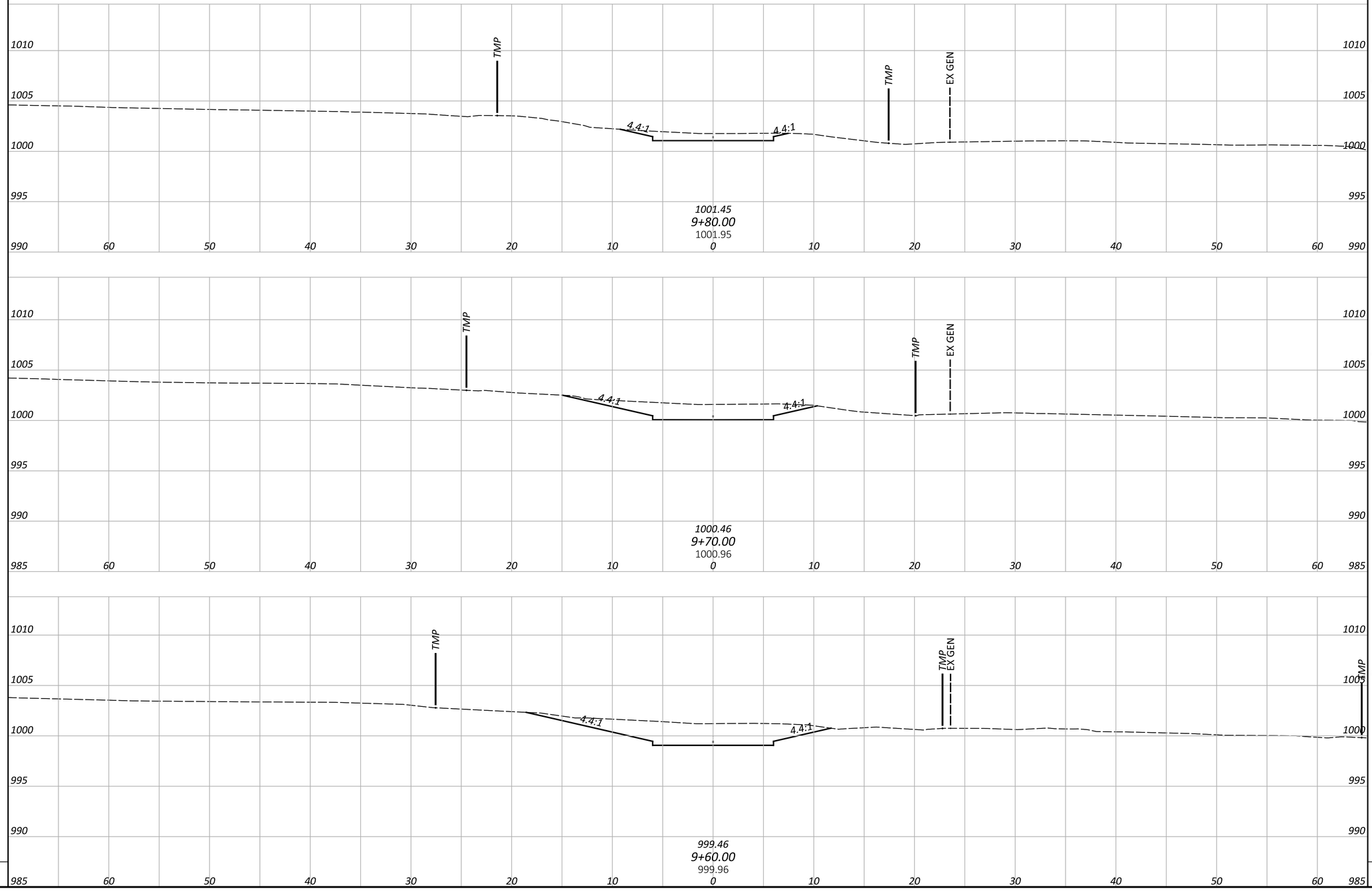
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0		
0	0	0	0
0	0	0	0
0	0	0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 15
STA 9+60.00 TO STA 9+80.00

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

MODEL: CLP_Drive10 - 9+60.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:14 PM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

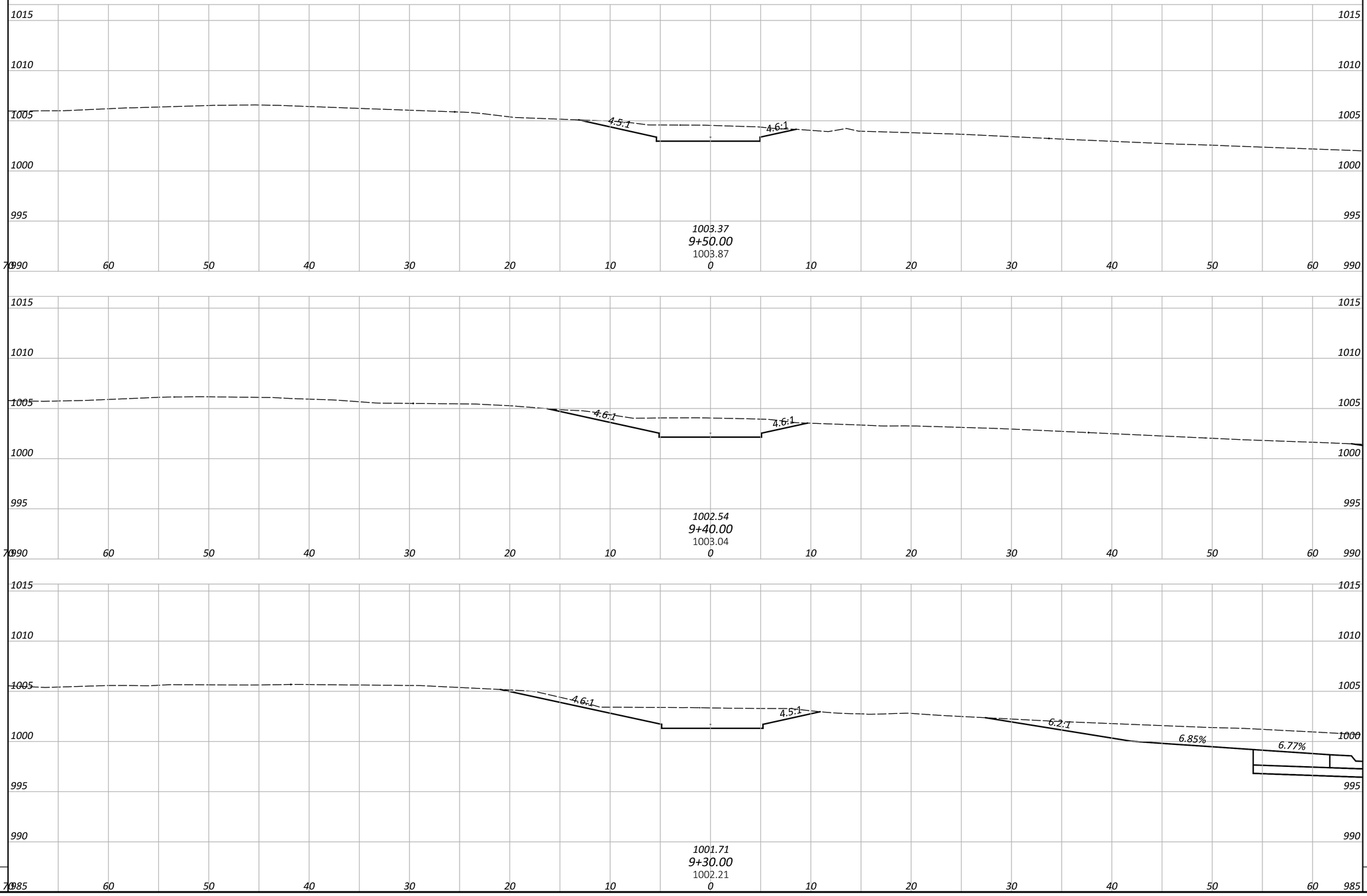
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET	TOTAL
P.1090	P.2024

SEEDING	
END WIDTH	SQ. YDS.

SEEDING	
END WIDTH	SQ. YDS.



END AREA	
CUT	FILL
0	0
0	0
0	0

VOLUME	
CUT	FILL
0	0
0	0

CROSS SECTION - DRIVE 16
STA 9+30.00 TO STA 9+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive11 - 9+30.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:23 PM USER: brieder
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SHEET TOTAL

SHEET TOTALS

DESIGN AGENCY
STRUCTUREPOINT LLC

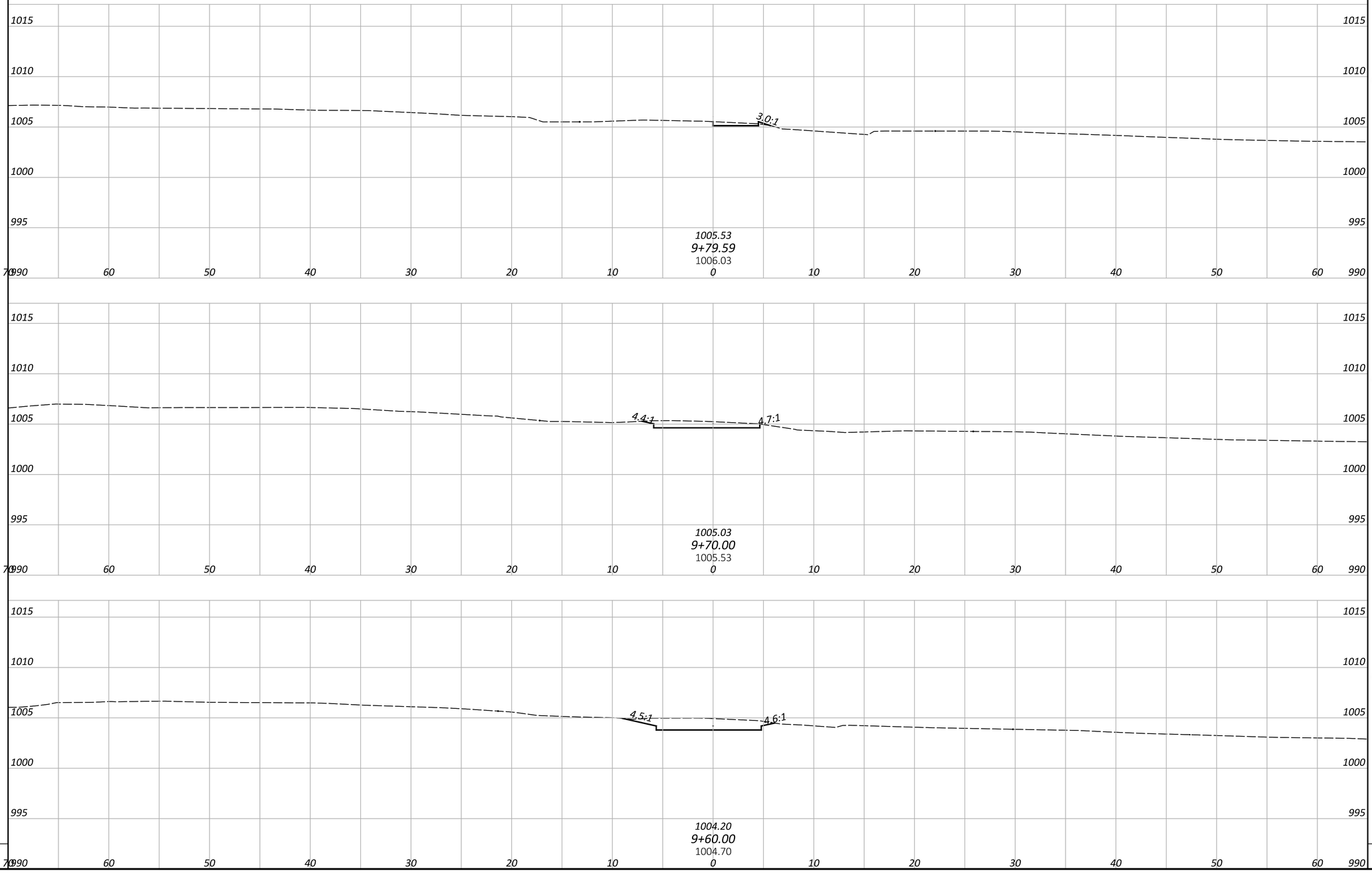
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1092 TOTAL P.2024

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0		
0	0	0	0
0	0		
0	0	0	0
0	0		
0	0	0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 16
STA 9+60.00 TO STA 9+79.59

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1093 TOTAL P.2024

MODEL: CLP_Drive11 - 9+60.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:28 PM USER: brieder
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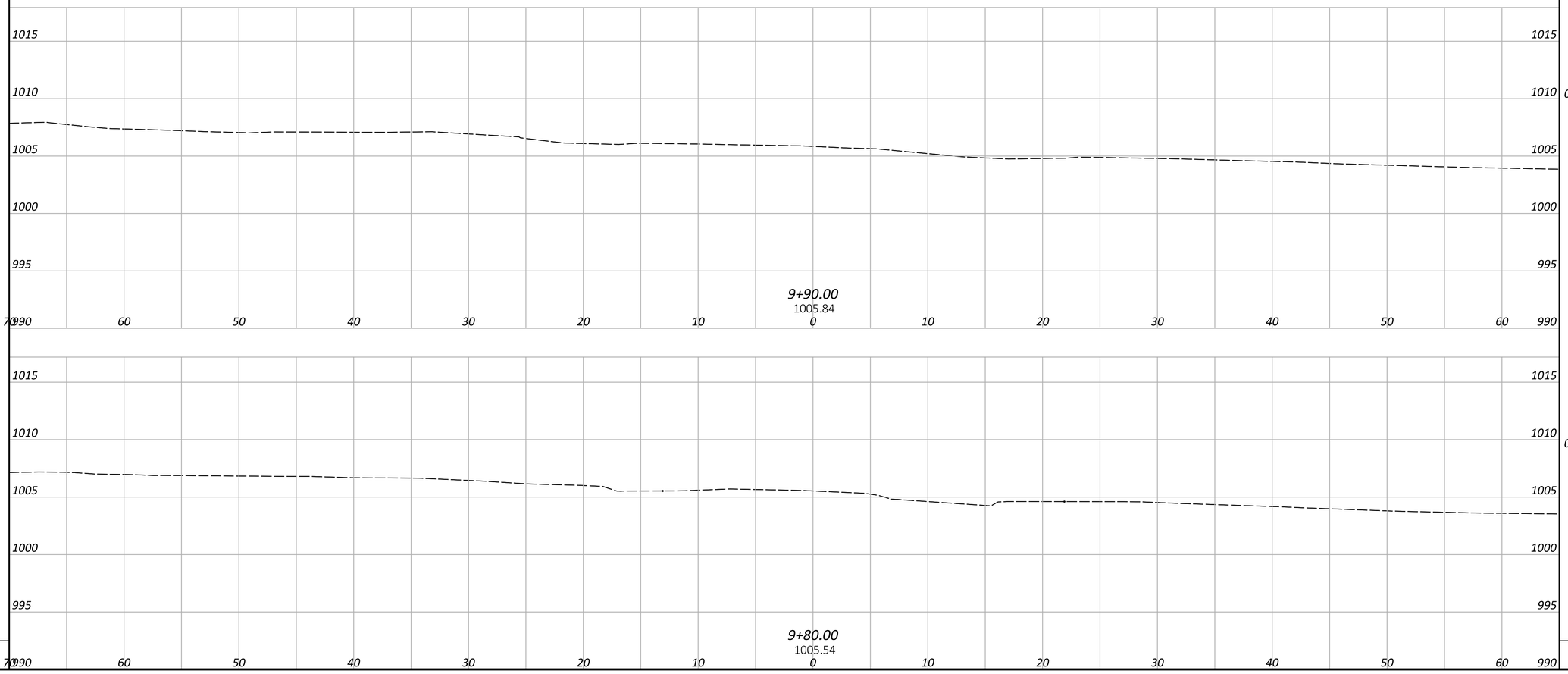
SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0		
		0	0
0	0		
		0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 16
STA 9+80.00 TO STA 9+90.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1094 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive11 - 9+80.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:31 PM USER: brieder
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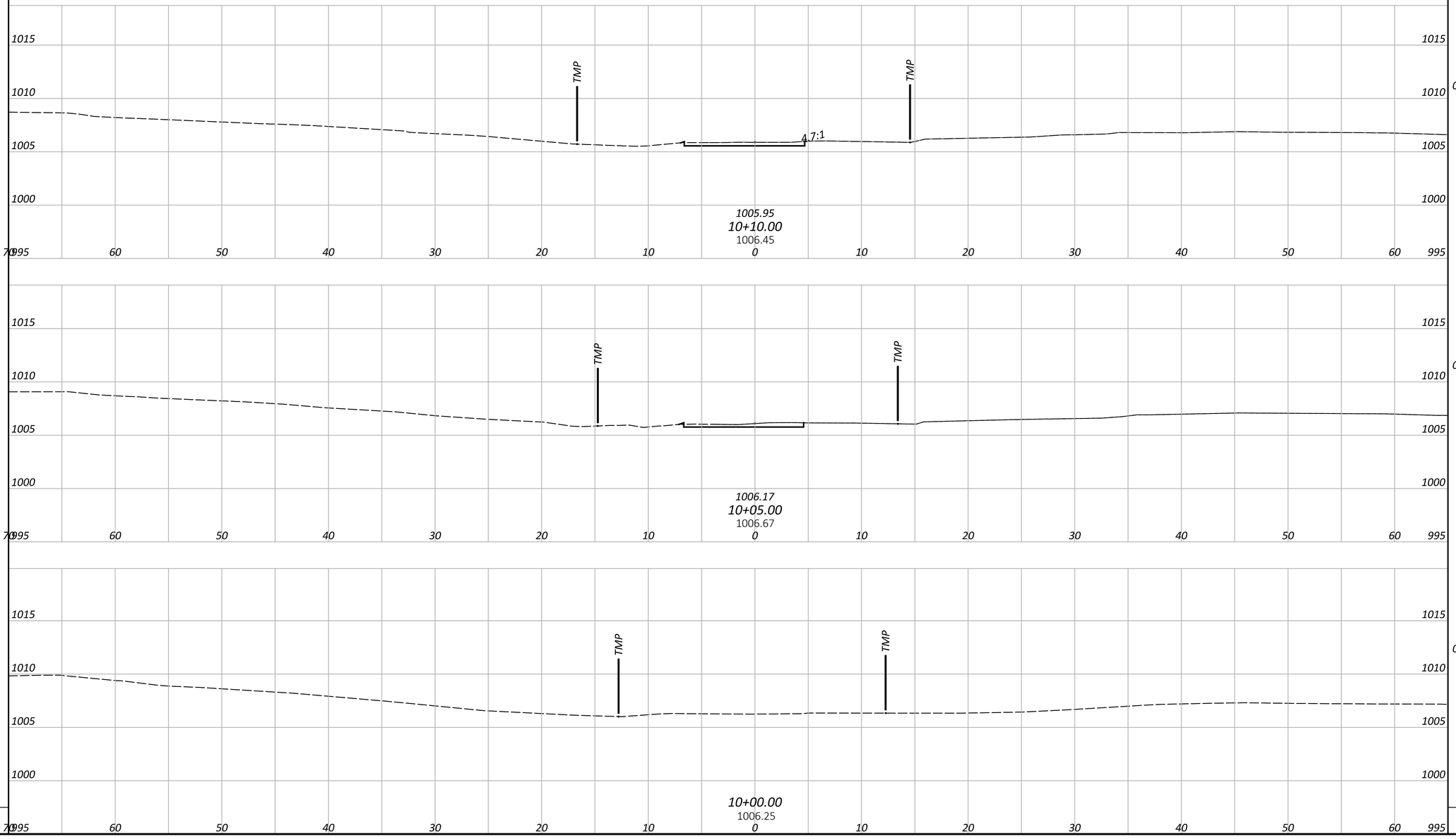
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
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0	0	0	0
0	0	0	0
SHEET TOTALS			

CROSS SECTION - DRIVE 17
STA 10+00.00 TO STA 10+10.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive12 - 10+00.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:39 PM USER: brieder
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SHEET TOTAL

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

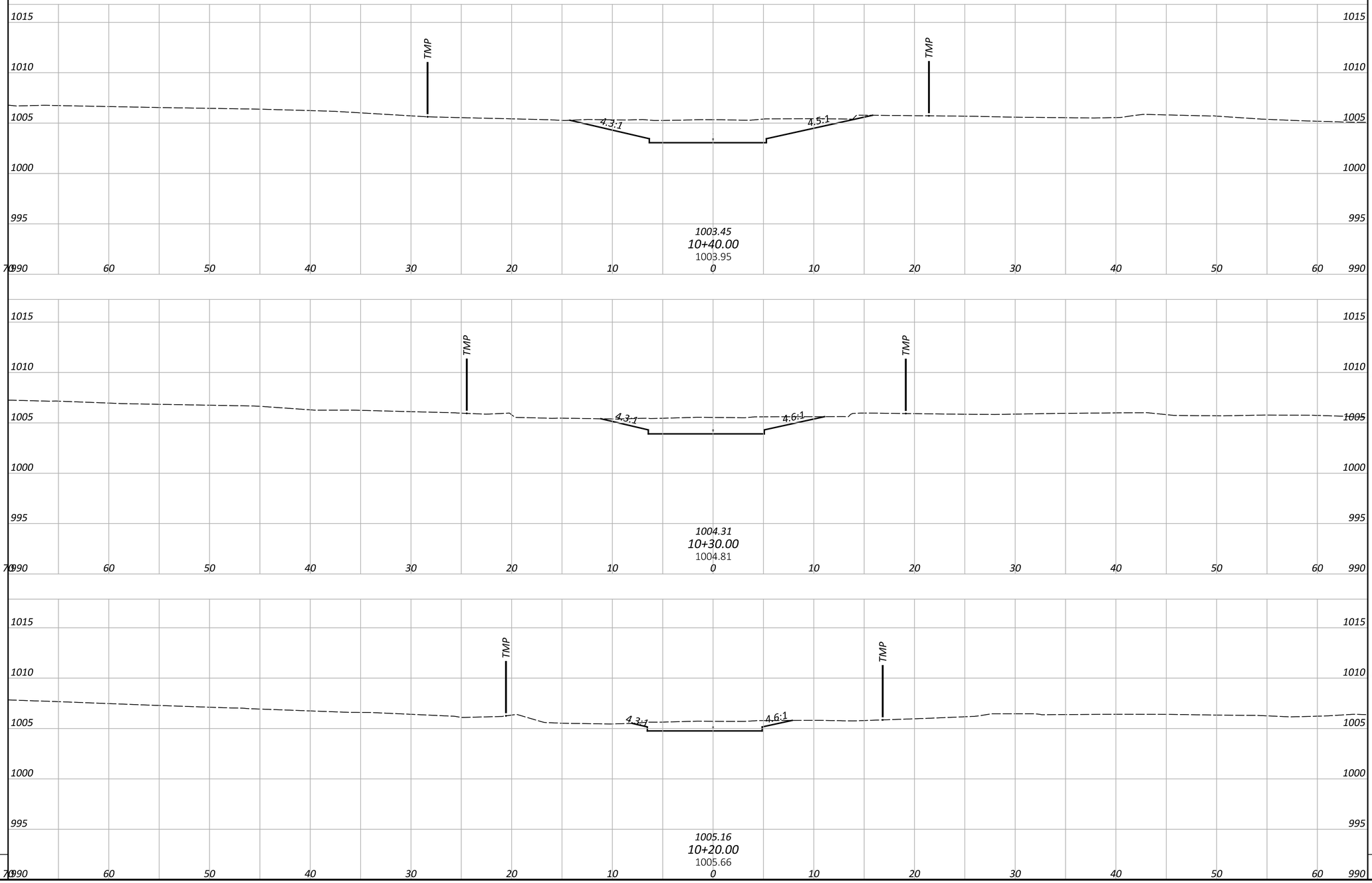
DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1095 | TOTAL P.2024

SEEDING	
END WIDTH	SQ. YDS.



END AREA	
CUT	FILL
0	0
0	0
0	0

VOLUME	
CUT	FILL
0	0
0	0
0	0

CROSS SECTION - DRIVE 17
STA 10+20.00 TO STA 10+40.00

FAI/LIC-IR 70-0.00/0.00

SHEET TOTAL

SHEET TOTALS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1096 TOTAL P.2024

MODEL: CLP_Drive12 - 10+20.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:43 PM USER: brieder
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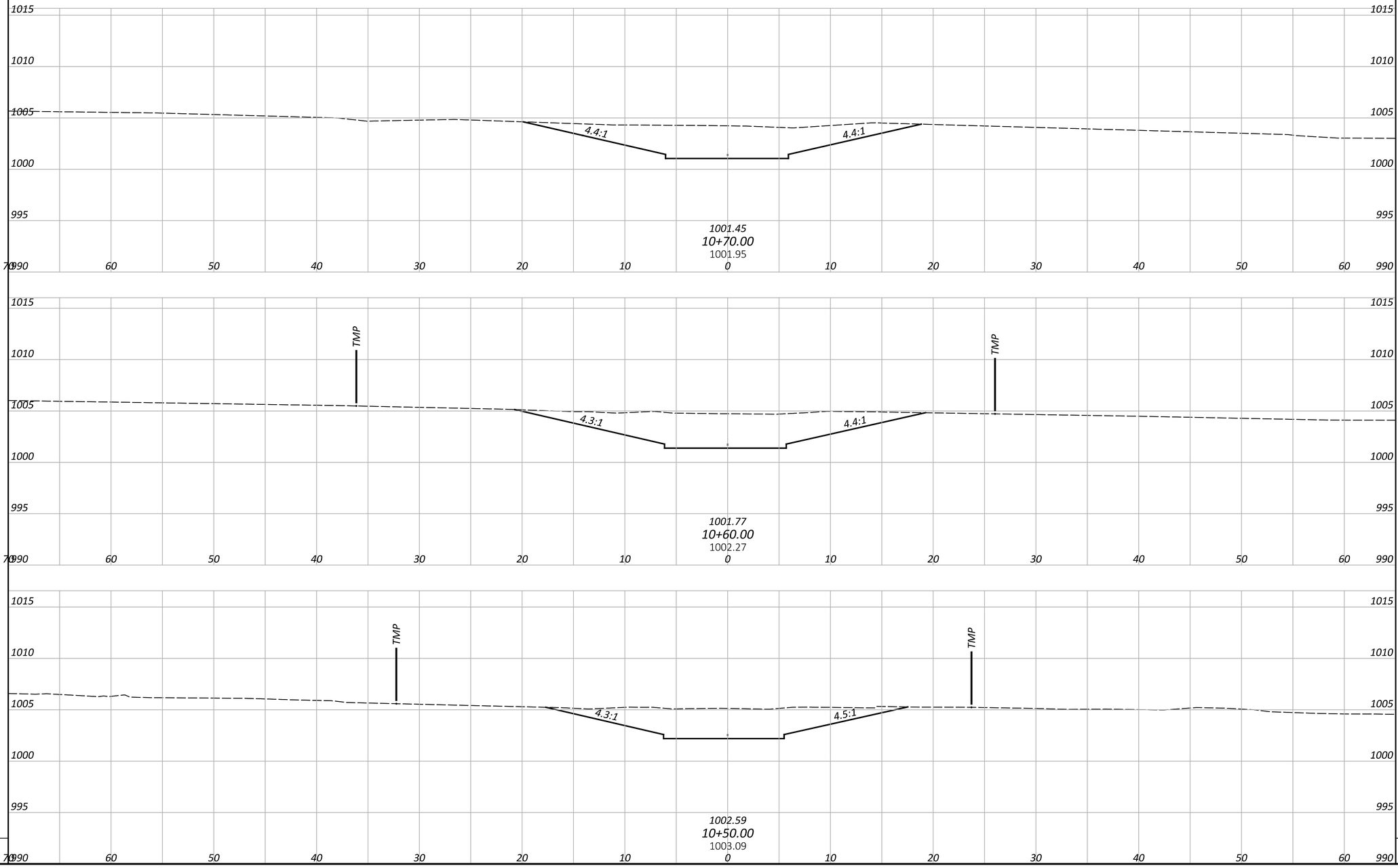
SEEDING	
END WIDTH	SQ. YDS.

END AREA	
CUT	FILL
0	0
0	0
0	0

VOLUME	
CUT	FILL
0	0
0	0
0	0



SHEET TOTAL

SHEET TOTALS

CROSS SECTION - DRIVE 17
STA 10+50.00 TO STA 10+70.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_Drive12 - 10+50.00 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:45:45 PM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1097 TOTAL P.2024

REF. NO.	REFERENCE ALIGNMENT	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEVATION	INVERT ELEVATION	CONNECTED PIPES		EXISTING DISPOSTION
								IN	OUT	
D1	IR 70	40+30.00	1.04	LT	CB-4	842.18	840.18	U 6" N 840.18, U 6" E 840.18	P1 15" S 838.64	
D2	IR 70	13+50.00	0.48	RT	CB-4	856.04	852.54	U 6" N 854.04, U 6" SE 854.04	P2 15" S 852.54	
D3	IR 70	34+34.00	0.82	LT	CB-4	849.47	845.97	U 6" N 847.47, UXX 6" S 847.47	P3 15" N 845.97	
D4	IR 70	42+00.00	1.35	LT	CB-4	834.75	831.25	U 6" N 832.75, U 6" SW 832.75	P4 18" S 831.25	
D5	IR 70	42+00.00	76.02	RT	CB-6	837.73	830.47	U 6" NW 834.73, U 6" SW 834.81, P6 15" W 835.81, P4 18" N 830.47	P5 18" S 830.47	
D6	IR 70	40+18.00	76.00	RT	SLOTTED DRAIN	842.19	840.27		P6 15" E 840.27	
D7	IR 70	42+02.36	76.00	RT	SLOTTED DRAIN	837.68	835.76		P7 15" E 835.76	
D8	IR 70	42+98.90	76.06	RT	CB-6	836.00	831.89	P7 15" W 834.08	P8 15" E 831.89	
D9	IR 70	43+82.50	80.78	RT	I-3C	834.52	828.46	U 6" N 832.44, U 6" W 831.41, P8 15" W 828.46, P10 15" N 828.46	P9 15" S 828.46	
D10	IR 70	43+83.43	0.00	CL	CB-4	833.00	829.27	U 6" N 832.58, U 6" SW 832.58	P10 15" S 829.27	
D11	IR 70	45+99.57	0.57	LT	CB-4	832.88	827.98	U 6" N 830.88, U 6" SE 830.88	P11 15" S 827.98	
D12	IR 70	46+00.50	80.70	RT	I-3C	833.69 (GRATE) 835.36 (WINDOW)	827.17	U 6" E 830.50, U 6" S 830.81, P11 15" N 827.17	P12 15" S 827.17	
D13	IR 70	48+00.00	0.00	RT	CB-4	834.54	831.46	U 6" N 832.54, U 6" S 832.54	P13 15" S 831.46	
D14	IR 70	48+00.00	80.70	RT	I-3C	835.96 (GRATE) 837.46 (WINDOW)	828.86	U 6" S 833.12, U 6" E 832.96, P13 15" N 829.11	P14 18" S 828.86	
D15	IR 70	53+00.00	81.14	RT	I-3C	846.44	838.11	U 6" E 843.42, U 6" S 843.74	P15 15" S 838.11	
D16	IR 70	57+50.00	75.20	RT	I-3C	856.10	849.52	U 6" E 853.06	P16 15" S 849.52	
D17	IR 70	65+00.00	3.84	RT	CB-4	869.00	865.75	U 6" N 867.00, U 6" SE 867.00	P17 15" S 865.75	
D18	IR 70	65+00.00	75.08	RT	I-3C	871.37	864.68	U 6" N 867.53, U 6" E 868.40, P17 15" N 864.68	P18 15" S 864.68	
D19	IR 70	67+50.00	1.93	RT	CB-4	873.47	869.72	U 6" N 871.47, U 6" S 871.47	P19 18" S 869.72	
D20	IR 70	72+50.00	75.25	RT	I-3C	882.72 (GRATE) 882.81 (WINDOW)	876.14	U 6" E 879.47, U 6" N 878.80	P20 15" S 876.14	
D21	IR 70	72+75.00	80.13	LT	I-3C	883.06 (GRATE) 883.43 (WINDOW)	876.48	U 6" E 879.75, U 6" S 879.64	P21 15" N 876.48	
D22	IR 70	83+00.00	80.14	LT	I-3C	886.60 (GRATE) 886.77 (WINDOW)	880.74	U 6" W 883.37	P22 15" E 880.74	
D23	IR 70	86+00.00	80.18	LT	I-3C	885.47 (GRATE) 885.67 (WINDOW)	878.22	U 6" E 882.24, U 6" S 881.77, P22 15" W 878.94	P23 15" N 878.94	
D24	IR 70	86+00.00	1.37	LT	CB-4	882.64	879.39	U 6" N 880.64	P24 15" S 879.39	
D25	IR 70	86+00.00	75.19	RT	I-3C	885.60	877.48	U 6" W 882.26, U 6" NW 881.33, P24 15" N 877.48	P25 15" S 877.48	
D26	IR 70	91+50.00	75.22	RT	I-3C	890.55 (GRATE) 891.67 (WINDOW)	882.80	U 6" E 887.74, UXX 6" N 886.49	P26 15" S 882.80	
D27	IR 70	91+50.00	74.72	LT	I-3C	890.65	881.96	U 6" E 887.66, UXX 6" S 886.81	P27 15" N 881.96	
D28	IR 70	97+00.00	75.20	RT	I-3C	901.56 (GRATE) 901.67 (WINDOW)	894.98	U 6" E 898.52, U 6" N 897.75	P28 15" S 894.98	
D29	IR 70	97+00.00	0.96	LT	CB-4	898.69	894.44	U 6" N 898.69	P29 15" N 894.44	
D30	IR 70	97+00.00	74.75	LT	I-3C	901.67	888.58	U 6" E 898.62, U 6" S 897.78, P29 15" S 892.60	P30 15" N 889.60	
D31	IR 70	97+00.00	115.36	LT	I-3D	901.05	885.58	U 6" E 897.82, U 6" S 896.82, P30 15" S 888.58	P31 15" N 885.58	
D32	IR 70	102+50.00	74.75	LT	I-3C	912.81 (GRATE) 913.65 (WINDOW)	899.81	U 6" E 909.80, U 6" S 908.94	P32 15" N 899.81	
D33	IR 70	102+50.00	115.38	LT	I-3D	912.86	893.77	U 6" E 909.98, U 6" S 909.02, P32 15" S 896.77	P33 15" N 893.77	
D34	IR 70	109+75.00	93.81	LT	CB-4	924.39	919.96		P34 21" S 919.98	
D35	IR 70	109+75.00	1.58	RT	CB-4	924.54	919.48	U 6" NE 922.54, P34 21" N 919.48	P35 21" S 919.48	
D36	IR 70	115+00.00	1.22	RT	CB-4	934.65	931.15	U 6" N 932.65	P36 18" S 931.15	
D37	IR 70	124+95.00	142.25	LT	HW 2.1 OR 2.2	N/A	947.23		P37 24" SE 947.23	
D38	IR 70	124+95.00	3.48	RT	CB-4	953.60	946.52	U 6" NW 951.60, U 6" SE 951.60, U 6" SW 951.60, P37 24" NW 946.77	P38 27" SE 946.52	
D39	IR 70	139+70.00	0.00	CL	EX. CB-4	974.86	971.37	U 6" NW 973.86, U 6" SE 973.86, EX. 24"	EX. 24"	
D40	IR 70	157+46.35	0.00	CL	CB-4A-42"	994.35	986.83	U 6" NW 992.35, U 6" SE 992.35.12, P39 30" SE 986.93	P40 30" NW 986.83	
D41	IR 70	166+59.85	0.81	RT	CB-4	1003.83	1000.71	U 6" SE 1001.83	P41 15" NW 1000.71	
D42	NOT USED									
D43	RAMP A	63+00.00	31.66	RT	CB 2-3	850.5	847.51	U 6" NE 848.50	P43 15" NW 847.51	
D44	RAMP C	68+43.00	27.27	LT	CB 2-3	871.75	868.37	U 6" E 869.75	P44 15" SE 868.37	
D45	RAMP C	67+02.61	19.17	LT	I-2-08	868.35	865.10	U 6" SE 866.60, U 6" NE 865.54, U 6" NE 865.54	P45 15" SE 865.10	
D46	RAMP C	65+52.62	19.03	LT	I-2-08	863.12	860.09	U 6" SE 861.37, U 6" NE 860.29, U 6" NE 860.26, U 6" 859.39 NW	P46 15" SE 860.09	
D47	RAMP C	64+02.78	19.21	LT	I-2-08	857.00	853.14	U 6" S 855.10, U 6" E 854.24, U 6" E 854.01, U 6" N 853.38	P47 15" S 854.14	
D48	RAMP C	62+03.23	19.09	LT	I-2-08	848.30	844.80	U 6" E 845.43, U 6" S 845.36, U 6" E 844.69, U 6" N 844.86	P48 15" S 844.80	
D49	RAMP E	56+19.83	31.33	LT	CB 2-3	851.43	847.18		P49 15" S 847.18	
D50	RAMP G	104+29.38	53.52	LT	CB 2-4	914	908.17	U 6" NW 912.00	P50 36" S 908.17	
D51	NOT USED									
D52	IR 70	106+00.00	84.78	RT	CB 2-3	917.94	902.76		P52 15" NW 902.67	
D53	TAYLOR ROAD	36+13.86	134.96	RT	HW 2.1 OR 2.2	N/A	928.53		P53 30" N 928.53	
D54	TAYLOR ROAD	37+20.81	90.80	RT	CB 2-4	934	925.29	P53 30" S 925.29	P54 30" W 925.29	
D55	TAYLOR ROAD	37+00.00	43.14	RT	CB 3A	946.23	943.20	U 6" N 943.40	P55 12" W 943.20	
D56	TAYLOR ROAD	37+00.00	37.90	LT	CB 3A	946.23	941.59	U 6" N 943.40, P55 12" E 941.59	P56 12" W 941.59	
D57	TAYLOR ROAD	42+81.12	37.73	RT	CB 3A	959.79	955.79		P57 12" SW 955.79	
D58	TAYLOR ROAD	42+50.15	36.44	LT	I-3D	960.18	954.19	P57 12" E 954.19	P58 12" W 954.19	
D59	TAYLOR ROAD	33+00.00	0.00	CL	MH 3	934.84	930.05	U 6" NW 931.76, U 6" NE 931.76, P68 12" E 930.05, P69 12" W 930.05	P59 12" S 930.05	
D60	TAYLOR ROAD	30+00.00	0.00	CL	MH 3	933.13	927.55	U 6" NW 930.05, U 6" NE 930.05, P59 12" N 927.80, P72 12" W 927.80, P71 12" E 927.80	P60 15" S 927.55	
D61	TAYLOR ROAD	28+50.00	0.00	CL	MH 3	932.38	925.80	U 6" NW 929.30, U 6" NE 929.30, P73 12" W 926.30, P74 12" E 926.30, P60 15" N 926.05	P61 18" S 925.80	
D62	TAYLOR ROAD	26+00.00	0.00	CL	MH 3	930.95	923.30	U 6" NW 927.87, U 6" NE 927.87, P76 12" E 923.80, P77 12" W 923.80, P61 18" N 923.30	P62 18" S 923.30	
D63	TAYLOR ROAD	23+00.00	0.00	CL	MH 3	926.94	920.30	U 6" NW 923.86, U 6" NE 923.86, P78 12" E 920.80, P79 12" W 920.80, P62 18" N 920.30	P63 18" S 920.30	
D64	TAYLOR ROAD	20+00.00	0.00	CL	MH 3	921.93	915.80	U 6" NW 918.85, P80 12" E 916.30, P81 12" W 916.30, P63 18" N 915.80	P64 18" S 915.80	
D65	TAYLOR ROAD	17+00.00	0.00	CL	MH 3	914.80	910.05	P82 12" W 911.05, P64 18" N 910.55	P65 24" E 910.05	
D66	TAYLOR ROAD	17+00.00	29.91	RT	CB 3	914.65	909.90	U 6" N 911.57, P65 24" W 909.90	P66 24" E 909.90	
D67	TAYLOR ROAD	34+50.00	47.34	RT	CB 3A	936.43	933.22	U 6" N 933.35	P67 12" S 933.22	
D68	TAYLOR ROAD	33+00.00	42.85	RT	CB 3	933.50	930.48	U 6" N 930.92, P67 12" N 930.48	P68 12" W 930.48	
D69	TAYLOR ROAD	33+00.00	31.86	LT	CB 3	933.67	930.37	U 6" N 930.59	P69 12" E 930.37	
D70	TAYLOR ROAD	31+50.00	40.37	RT	CB 3	932.64	929.60	U 6" N 929.56	P70 12" S 929.60	
D71	TAYLOR ROAD	30+02.85	40.31	RT	CB 3	931.91	928.20	U 6" N 928.83, P70 12" N 928.20	P71 12" W 928.20	
D72	TAYLOR ROAD	30+00.00	29.29	LT	CB 3A	932.07	928.53	U 6" N 928.99	P72 12" E 928.53	

STORM SEWER PROFILES
DESIGN TABLES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1098 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:33:39 PM USER: backel
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DQ001.dgn

REF. NO.	REFERENCE ALIGNMENT	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEVATION	INVERT ELEVATION	CONNECTED PIPES		EXISTING DISPOSTION
								IN	OUT	
D73	TAYLOR ROAD	28+50.00	29.32	LT	CB 3A	931.32	927.75	U 6" N 928.24	P73 12" E 927.75	
D74	TAYLOR ROAD	28+50.00	29.29	RT	CB 3A	931.32	927.75	U 6" N 928.24	P74 12" W 927.75	
D75	TAYLOR ROAD	27+00.00	29.30	RT	CB 3A	930.57	927.51	U 6" N 927.51	P75 12" S 927.51	
D76	TAYLOR ROAD	26+00.00	29.38	RT	CB 3A	929.89	925.26	U 6" N 926.81 P75 12" N 925.26	P76 12" W 925.26	
D77	TAYLOR ROAD	26+00.00	29.30	LT	CB 3A	929.89	925.25	U 6" N 926.81	P77 12"W 925.25	
D78	TAYLOR ROAD	23+00.00	29.29	RT	CB 3A	926.47	922.25	U 6" N 923.39	P78 12" W 922.25	
D79	TAYLOR ROAD	23+02.63	29.28	LT	CB 3A	926.47	922.26	U 6" N 923.39	P79 12" E 922.26	
D80	TAYLOR ROAD	20+00.00	23.84	RT	CB 3A	921.54	917.48	U 6" N 918.46	P80 12" W 917.48	
D81	TAYLOR ROAD	20+00.00	34.90	LT	CB 3A	921.37	918.03	U 6" N 918.29	P81 12" E 918.03	
D82	TAYLOR ROAD	17+10.00	34.91	LT	CB 3A	914.49	911.23	U 6" N 911.49	P82 12" E 911.23	
D83	TAYLOR ROAD	44+55.93	0.00	CL	MH 3	956.19	950.83	U 6" SW 953.11, U 6" SE 953.11, D87 12" W 950.83, D88 12" E 950.83	P83 12" N 950.83	
D84	TAYLOR ROAD	46+50.00	0.00	CL	MH 3	949.89	944.83	U 6" SW 946.81, U 6" SE 946.81, P87 12" W 944.83, P88 12" E 944.83, P83 12" S 944.83	P84 12" N 944.83	
D85	TAYLOR ROAD	48+50.00	0.00	CL	MH 3	945.27	935.83	P93 12" E 936.33, P84 12" S 936.33, P99 18" N 935.83	P85 18" W 935.83	
D86	TAYLOR ROAD	48+50.00	15.89	LT	CB 3	944.47	936.66	U 6" S 941.39	P86 18" E 936.66	
D87	TAYLOR ROAD	44+55.69	35.60	LT	CB 3A	954.93	951.70	U 6" S 951.85	P87 12" E 951.70	
D88	TAYLOR ROAD	44+56.67	39.55	RT	CB 3A	954.86	951.72	U 6" S 951.78	P88 12" W 951.72	
D89	TAYLOR ROAD	45+49.88	32.80	RT	CB 3A	951.96	948.81	U 6" S 948.88	P89 12" N 948.81	
D90	TAYLOR ROAD	46+50.00	29.85	RT	CB 3A	948.81	945.72	U 6" S 945.73, P89 12" S 945.72	P90 12" W 945.72	
D91	TAYLOR ROAD	46+50.00	28.97	LT	CB 3A	948.81	945.72	U 6" S 945.73	P91 12" E 945.72	
D92	TAYLOR ROAD	47+50.00	26.90	RT	CB 3A	945.99	942.62	U 6" S 942.91	P92 12" N 942.62	
D93	TAYLOR ROAD	48+49.90	28.86	RT	CB 3	944.26	935.30	U 6" S 941.18, P92 12" N 935.62, P85 18" W 935.30	P93 18" W 935.30	
D94	TAYLOR ROAD	58+00.00	0.00	CL	MH 3	956.82	949.48	P101 12" W 949.98, P103 12" E 949.98	P94 18" S 949.48	
D95	TAYLOR ROAD	56+90.00	0.00	CL	MH 3	955.96	948.10	P104 12" E 948.60, P105 12" W 948.60, P94 18" N 948.10	P95 18" S 948.10	
D96	TAYLOR ROAD	55+10.00	0.00	CL	MH 3	954.27	945.85	P106 12" W 946.35, P107 12" E 946.35, P95 18" N 945.85	P96 18" S 945.85	
D97	TAYLOR ROAD	53+50.00	0.00	CL	MH 3	951.19	943.05	P108 12" W 944.55, P109 12" E 944.55, P96 18" N 943.05	P97 18" S 943.05	
D98	TAYLOR ROAD	52+00.00	0.00	CL	MH 3	947.89	941.55	P110 12" W 942.05, P111 12" E 942.05, P97 18" N 941.55	P98 18" S 941.55	
D99	TAYLOR ROAD	49+42.00	0.00	CL	MH 3	944.76	937.67	P113 12" E 938.17, P114 12" W 938.17, P98 18" N 937.67	P99 18" S 937.67	
D100	TAYLOR ROAD	57+98.41	28.69	LT	MH 3	957.09	950.68	EX. 12" N 950.7±, EX. 12" W 950.7±	P100 12" E 950.68	
D101	TAYLOR ROAD	58+00.00	19.30	LT	CB 3A	956.51	950.41	U 6" N 953.43, P100 12" W 950.41	P101 12" E 950.41	
D102	TAYLOR ROAD	58+04.15	59.23	RT	EX. DETENTION BASIN	N/A	954.59		P102 8" W 954.59	TIE INTO EX. DETENTION BASIN OUTLET
D103	TAYLOR ROAD	58+00.00	19.27	RT	CB 3A	956.5	950.93	P102 8" E 952.68	P103 12" W 950.93	
D104	TAYLOR ROAD	56+91.19	18.27	RT	CB 3A	955.66	949.49	U 6" N 952.58	P104 12" W 949.49	
D105	TAYLOR ROAD	56+89.54	18.39	LT	CB 3A	955.67	949.52	U 6" N 952.59	P105 12" E 949.52	
D106	TAYLOR ROAD	55+10.00	18.29	LT	CB 3A	953.98	947.26	U 6" N 950.90	P106 12" E 947.26	
D107	TAYLOR ROAD	55+10.00	18.88	RT	CB 3A	953.97	947.28	U 6" N 950.89	P107 12" W 947.28	
D108	TAYLOR ROAD	53+50.00	29.32	LT	CB 3A	950.72	945.00	U 6" N 947.64	P108 12" E 945.00	
D109	TAYLOR ROAD	53+50.00	23.64	RT	CB 3	950.81	944.72	U 6" N 947.73	P109 12" W 944.72	
D110	TAYLOR ROAD	52+00.00	29.32	LT	CB 3A	947.27	943.50	U 6" N 944.19	P110 12" E 943.50	
D111	TAYLOR ROAD	52+00.00	26.80	RT	CB 3A	947.46	943.38	U 6" N 944.38	P111 12" W 943.38	
D112	TAYLOR ROAD	50+50.00	26.84	RT	CB 3A	944.49	941.12	U 6" N 941.41	P112 12" S 941.12	
D113	TAYLOR ROAD	49+42.00	26.88	RT	CB 3	943.79	938.97	U 6" N 940.71, U 6" S 940.71, P112 12" N 938.97	P113 12" W 938.97	
D114	TAYLOR ROAD	49+42.00	15.90	LT	CB 3	943.97	938.64	U 6" N 940.89, U 6" S 940.89	P114 12" E 938.64	
D115	TAYLOR ROAD	47+90.95	69.56	LT	CB 2-2B	922.47	918.21		P115 18" S 918.21	
D116	TAYLOR ROAD	45+48.56	102.40	LT	CB 2-2B	921.1	912.92	P115 18" N 915.92	P116 18" SW 912.92	
D117	TAYLOR ROAD	45+32.02	123.05	LT	MH 3, APP (GRATED LID)	914.85	907.11	P116 18" NE 907.61, P118 18" N 911.65	P117 18" SW 907.11	
D118	TAYLOR ROAD	45+86.64	110.56	LT	CB 2-2B	911.3	908.19		P118 18" S 908.19	
D119	TAYLOR SW ROAD	14+00.00	19.83	RT	CB 3A	943.04	939.54	U 6" E 939.96	P119 12" SW 939.54	
D120	TAYLOR SW ROAD	13+00.00	19.81	RT	CB 3A	941.73	937.24	U 6" E 938.65, P119 12" NE 937.24	P120 12" NW 937.24	
D121	TAYLOR SW ROAD	13+00.00	19.80	LT	CB 3A	941.73	936.26	U 6" E 938.65, P120 12" S 936.26	P121 12" N 936.26	
D122	TAYLOR SW ROAD	13+00.00	378.28	LT	MH 3	942.80	935.82	P121 12" S 935.82	P122 12" W 935.82	
D123	TAYLOR SW ROAD	11+71.32	37.63	LT	MH 3	941.07	932.39	EX. 12" S 934.37, P122 12" E 932.55	EX. 15" W 932.39	
D124	PALMER ROAD	26+10.00	20.10	LT	CONCRETE COLLAR	N/A	1001.49	EX. 12" CONDUIT	P124 12" W 1001.49	BLIND TIE INTO EX. STORM CONDUIT
D125	PALMER ROAD	24+41.72	24.39	LT	CB 2-2B	1001.79	998.76	U 6" S 999.85, P124 12" E 998.76	P125 12" W 998.76	
D126	PALMER ROAD	24+00.00	16.83	LT	CB 3A	995.69	992.37	U 6" E 992.61, P125 12" E 992.37	P126 12" W 992.37	
D127	PALMER ROAD	26+19.84	18.45	RT	CB 2-3	1005.10	1002.07		P127 12" W 1002.07	
D128	PALMER ROAD	25+32.54	23.20	RT	CB 2-3	1002.04	999.00	U 6" N 99.50, P127 12" N 999.00	P128 12" W 999.00	
D129	PALMER ROAD	24+18.97	16.89	RT	CB 3A	996.73	993.31	U 6" E 993.65, P128 12" E 993.31	P129 12" W 993.31	
D130	PALMER ROAD	22+75.00	16.86	RT	CB 3A	990.05	986.11	U 6" E 986.97, P129 12" E 986.11	P130 12" SW 986.11	
D131	GEORGIAN ROAD	103+07.00	20.26	RT	CB 2-2B	986.78	984.45	U 6" W 985.18, P130 12" NE 984.53, P132 15" SW 984.53	P131 18" W 983.45	
D132	PALMER ROAD	102+00.00	22.47	RT	CB 2-2B	990.94	987.17	U 6" NW 987.86	P132 15" NE 987.17	
D133	TAYLOR ROAD	19+37.00	26.37	LT	EX. CB-2-2B	920.72	917.80	U 6" E 918.30	P133 12" W 917.80	
D134	TAYLOR ROAD	19+40.48	49.48	LT	CAPPED PIPE END	N/A	918.42		P134 6" W 918.42	
D135	IR 70	34+34.00	98.68	LT	I-3D	848.31	843.04	P3 15" S 843.04	P135 15" N 843.04	
D136	IR 70	37+50.00	98.56	LT	I-3D	842.06	837.81	U 6" W 839.00	P136 15" N 837.81	
D137	IR 70	40+65.00	98.55	LT	I-3D	838.15	829.15	U 6" W 834.92	P137 15" N 829.15	
D138	IR 70	43+80.00	98.56	LT	I-3D	834.88	827.88	U 6" W 831.65	P138 15" NW 827.88	
D139	SR204	37+75.00	28.14	LT	HW 2.1 OR 2.2	N/A	906.53		P139 12" W 906.53	
D140	SR204	36+50.00	22.38	LT	MH-3	904.26	899.88	P139 12" E 899.88	P42 12" W 899.88	TIE INTO EXISTING CONDUIT WITH CONCRETE COLLAR
D210	RAMP D	75+06.69	30.81	RT	OPEN END	N/A	858.60		P210 18" S 858.60	
D211	SR204	39+64.48	37.70	RT	OPEN END	N/A	907.77		P211 15" W 907.77	
D212	SR204	46+00.00	45.41	LT	OPEN END	N/A	906.05		P212 24" W 906.05	
D213	TAYLOR ROAD	52+92.45	51.49	RT	OPEN END	N/A	947.11		P213 18" S 947.11	

STORM SEWER PROFILES
DESIGN TABLES

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:33:40 PM USER: backel
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\403-Engineering_Carpenter-Marty\Drainage\Sheets\96808_DQ001.dgn

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1099 TOTAL P.2024

REF. NO.	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF. NO.	START INVERT ELEVATION	STOP STRUCT. REF. NO.	STOP INVERT ELEVATION
P1	117'	15"	TYPE B	0.65%	D1	838.64	HW1	837.88
P2	111'	15"	TYPE B	0.50%	D2	852.54	HW2	851.99
P3	98'	15"	TYPE B	3.00%	D3	845.97	D135	843.04
P4	79'	18"	TYPE B	1.00%	D4	831.25	D5	830.47
P5	88'	18"	TYPE B	5.00%	D5	830.47	HW4	826.08
P6	182'	15"	SLOTTED DRAIN	2.45%	D6	840.27	D5	830.47
P7	96'	15"	SLOTTED DRAIN	1.75%	D7	835.76	D8	831.89
P8	85'	15"	TYPE B	4.06%	D8	831.89	D9	828.46
P9	79'	15"	TYPE B	4.15%	D9	828.46	HW5	825.20
P10	81'	15"	TYPE B	1.00%	D10	829.27	D9	828.46
P11	82'	15"	TYPE B	1.00%	D11	827.98	D12	827.17
P12	74'	15"	TYPE B	1.55%	D12	827.17	HW6	826.03
P13	80'	15"	TYPE B	2.95%	D13	831.46	D14	828.86
P14	89'	18"	TYPE B	2.50%	D14	828.86	HW7	826.66
P15	109'	15"	TYPE B	7.50%	D15	838.11	HW8	829.96
P16	138'	15"	TYPE B	5.00%	D16	849.52	HW9	842.62
P17	72'	15"	TYPE B	1.50%	D17	865.75	D18	864.68
P18	80'	15"	TYPE B	1.00%	D18	864.68	HW10	863.88
P19	171'	18"	TYPE B	0.50%	D19	869.72	HW11	868.87
P20	63'	15"	TYPE B	0.50%	D20	876.14	HW12	875.83
P21	91'	15"	TYPE B	0.50%	D21	876.48	HW13	876.03
P22	300'	15"	TYPE B	0.60%	D22	880.74	D23	878.94
P23	53'	15"	TYPE B	0.50%	D23	878.94	HW14	878.68
P24	77'	15"	TYPE B	2.50%	D24	879.39	D24	877.48
P25	74'	15"	TYPE B	5.00%	D25	877.48	HW15	873.81
P26	75'	15"	TYPE B	5.00%	D26	882.80	HW16	879.08
P27	72'	15"	TYPE B	5.00%	D27	881.96	HW17	78.36
P28	68'	15"	TYPE B	0.50%	D28	894.98	HW18	894.64
P29	74'	15"	TYPE B	2.50%	D29	894.44	D30	892.60
P30	41'	15"	TYPE B	2.50%	D30	889.60	D31	888.58
P31	6'	15"	TYPE B	3.00%	D31	885.58	WO1	885.41
P32	41'	15"	TYPE B	7.50%	D32	899.81	D33	893.77
P33	6'	15"	TYPE B	1.83%	D33	893.77	WO2	893.66
P34	96'	21"	TYPE B	0.50%	D34	919.96	D35	919.48
P35	137'	21"	TYPE B	0.50%	D35	919.48	HW19	918.80
P36	115'	18"	TYPE B	0.50%	D36	931.15	HW20	930.58
P37	146'	24"	TYPE B	0.50%	D37	947.50	D38	946.52
P36	115'	18"	TYPE B	0.50%	D36	931.15	HW20	930.58
P38	120'	27"	TYPE B	0.50%	D38	946.52	HW21	945.93
P39	8'	30"	TYPE B	1.32%	CC1	987.04	D40	986.93
P40	8'	30"	TYPE B	1.32%	D40	986.83	CC2	986.72
P41	102'	15"	TYPE B	0.65%	D41	1000.71	HW22	1000.05
P42	4'	12"	TYPE B	7.50%	D140	899.88	CC3	899.59
P43	119'	15"	TYPE B	0.60%	D43	847.51	HW24	846.80
P44	60'	15"	TYPE B	1.50%	D44	868.37	HW24	867.47
P45	54'	15"	TYPE B	2.50%	D45	865.10	HW26	863.77
P46	53'	15"	TYPE B	1.85%	D46	860.09	HW27	859.12
P47	53'	15"	TYPE B	1.85%	D47	853.14	HW28	852.17
P48	51'	15"	TYPE B	2.00%	D48	844.80	HW27	843.79
P49	55'	15"	TYPE B	2.00%	D49	847.18	HW30	846.09
P50	87'	36"	TYPE B	1.00%	D50	908.17	HW31	907.30
P51	48'	36"	TYPE C	1.00%	D51	916.37	HW23	915.88
P52	57'	15"	TYPE B	9.00%	D52	902.67	WO3	897.59
P53	116'	30"	TYPE B	2.80%	D53	928.53	D54	925.29
P54	284'	30"	TYPE B	2.25%	D54	925.29	HW32	918.91
P55	81'	12"	TYPE B	2.00%	D55	943.20	D56	941.59
P56	23'	12"	TYPE B	2.30%	D56	941.59	HW33	941.06
P57	80'	12"	TYPE B	2.00%	D57	955.79	D58	954.19
P58	20'	12"	TYPE B	2.00%	D58	954.19	HW34	953.80
P59	300'	12"	TYPE B	0.75%	D59	930.05	D60	927.80
P60	150'	15"	TYPE B	1.00%	D60	927.55	D61	926.05
P61	250'	18"	TYPE B	1.00%	D61	925.80	D62	923.30
P62	300'	18"	TYPE B	1.00%	D62	923.30	D63	920.30
P63	300'	18"	TYPE B	1.50%	D63	920.30	D64	915.80
P64	300'	18"	TYPE B	1.75%	D64	915.80	D65	910.55
P65	30'	24"	TYPE B	0.50%	D65	910.05	D66	909.90
P66	95'	24"	TYPE B	0.50%	D66	909.90	HW35	909.42
P67	157'	12"	TYPE B	1.75%	D67	933.22	D68	930.48
P68	43'	12"	TYPE B	1.00%	D68	930.48	D59	930.05
P69	32'	12"	TYPE B	1.00%	D69	930.37	D59	930.05
P70	147'	12"	TYPE B	0.95%	D70	929.60	D71	928.20
P71	41'	12"	TYPE B	1.00%	D71	928.20	D60	927.80

REF. NO.	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF. NO.	START INVERT ELEVATION	STOP STRUCT. REF. NO.	STOP INVERT ELEVATION
P72	29'	12"	TYPE B	2.50%	D72	928.53	D60	927.80
P73	29'	12"	TYPE B	5.00%	D73	927.75	D61	926.30
P74	29'	12"	TYPE B	5.00%	D74	927.75	D61	926.30
P75	100'	12"	TYPE B	2.25%	D75	927.51	D76	925.26
P76	30'	12"	TYPE B	5.00%	D76	925.26	D62	923.80
P77	29'	12"	TYPE B	5.00%	D77	925.25	D62	923.80
P78	30'	12"	TYPE B	5.00%	D78	922.25	D63	920.80
P79	30'	12"	TYPE B	5.00%	D79	922.26	D63	920.80
P80	24'	12"	TYPE B	5.00%	D80	917.48	D64	916.30
P81	35'	12"	TYPE B	5.00%	D81	918.03	D64	916.30
P82	36'	12"	TYPE B	0.50%	D82	911.23	D65	911.05
P83	194'	12"	TYPE B	3.10%	D83	950.83	D84	944.83
P84	200'	12"	TYPE B	4.25%	D84	944.83	D85	936.33
P85	27'	18"	TYPE B	2.00%	D85	935.83	D86	935.30
P86	16'	18"	TYPE B	2.00%	D86	936.66	D85	936.33
P87	35'	12"	TYPE B	2.50%	D87	951.70	D83	950.83
P88	40'	12"	TYPE B	2.25%	D88	951.72	D83	950.83
P89	104'	12"	TYPE B	3.00%	D89	948.81	D90	954.72
P90	30'	12"	TYPE B	3.00%	D90	954.72	D84	944.83
P91	30'	12"	TYPE B	3.00%	D91	945.72	D84	944.83
P92	100'	12"	TYPE B	5.00%	D92	942.62	D93	935.62
P93	43'	18"	TYPE B	2.00%	D93	935.30	HW36	934.46
P94	110'	18"	TYPE B	1.25%	D94	949.48	D95	948.10
P95	180'	18"	TYPE B	1.25%	D95	948.10	D96	945.85
P96	160'	18"	TYPE B	1.75%	D96	945.85	D97	943.05
P97	150'	18"	TYPE B	1.00%	D97	943.05	D98	941.55
P98	258'	18"	TYPE B	1.50%	D98	941.55	D99	937.67
P99	92'	18"	TYPE B	2.00%	D99	937.67	D85	935.83
P100	10'	12"	TYPE C	2.70%	D100	950.68	D101	950.41
P101	19'	12"	TYPE B	2.30%	D101	950.41	D94	949.98
P102	41'	8"	TYPE C	4.72%	D102	954.59	D103	952.68
P103	19'	12"	TYPE B	5.00%	D103	950.93	D94	949.98
P104	18'	12"	TYPE B	5.00%	D104	949.49	D95	948.60
P105	19'	12"	TYPE B	5.00%	D105	949.52	D95	948.60
P106	19'	12"	TYPE B	5.00%	D106	947.26	D96	946.35
P107	19'	12"	TYPE B	5.00%	D107	947.28	D96	946.35
P108	29'	12"	TYPE B	5.00%	D108	945.00	D97	943.55
P109	24'	12"	TYPE B	5.00%	D109	944.72	D97	943.55
P110	29'	12"	TYPE B	5.00%	D110	943.50	D98	942.05
P111	27'	12"	TYPE B	5.00%	D111	943.38	D98	942.05
P112	108'	12"	TYPE B	2.00%	D112	941.12	D113	938.97
P113	27'	12"	TYPE B	3.00%	D113	938.97	D99	938.17
P114	16'	12"	TYPE B	3.00%	D114	938.64	D99	938.17
P115	230'	18"	TYPE C	1.00%	D115	918.21	D116	915.92
P116	26'	18"	TYPE C	5.00%	D116	912.92	D117	911.65
P117	40'	18"	TYPE C	2.50%	D117	907.11	HW37	906.13
P118	50'	18"	TYPE C	1.16%	D118	908.19	D117	911.65
P119	94'	12"	TYPE B	2.45%	D119	939.54	D120	937.24
P120	39'	12"	TYPE B	2.50%	D120	937.24	D121	936.26
P121	18'	12"	TYPE C	2.50%	D121	936.26	D122	935.82
P122	131'	12"	TYPE C	2.50%	D122	935.82	D123	932.55
P123	NOT USED							
P124	69'	12"	TYPE C	4.00%	D124	1001.49	D125	998.76
P125	143'	12"	TYPE B	4.50%	D125	998.76	D126	992.37
P126	68'	12"	TYPE B	2.00%	D126	992.37	HW38	991.02
P127	88'	12"	TYPE C	3.50%	D127	1002.07	D128	999.00
P128	114'	12"	TYPE C	5.00%	D128	999.00	D129	993.31
P129	144'	12"	TYPE B	5.00%	D129	993.31	D130	986.11
P130	36'	12"	TYPE C	4.50%	D130	986.11	D131	984.53
P131	73'	18"	TYPE B	1.15%	D131	983.45	HW39	983.47
P132	113'	15"	TYPE C	2.35%	D132	987.17	D131	984.53
P133	63'	12"	TYPE B	0.50%	D133	917.80	D80	917.48
P134	24'	6"	TYPE C	0.50%	D134	918.42	D133	917.80
P135	23'	15"	TYPE C	3.00%	D135	843.04	HW35	842.35
P136	21'	15"	TYPE C	0.50%	D136	837.81	HW40	837.71
P137	30'	15"	TYPE C	5.00%	D137	829.15	HW41	827.68
P138	38'	15"	TYPE C	0.50%	D138	827.88	HW42	825.99
P139	125'	12"	TYPE B	5.34%	D139	906.53	D140	899.88
P210	57'	18"	TYPE D	4.85%	D210	858.61	N/A	855.86
P211	37'	15"	TYPE D	1.00%	D211	907.77	N/A	907.41
P212	49'	24"	TYPE D	3.37%	D212	906.05	N/A	904.42
P213	25'	18"	TYPE D	2.16%	D213	947.11	N/A	946.58

STORM SEWER PROFILES DESIGN TABLES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1100 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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REF. NO.	REFERENCE ALIGNMENT	STATION	OFFSET	SIDE	TYPE	CONNECTED PIPES	EXISTING DISPOSTION
HW1	IR 70	4+30.07	115.34	RT	HW 2.1 OR 2.2	P1 15" N 837.88	
HW2	IR 70	13+50.00	111.33	RT	HW 2.1 OR 2.2	P2 15" N 851.99	
HW3	IR 70	34+35.00	121.50	LT	HW 2.1 OR 2.2	P3 15" S 842.35	
HW4	IR 70	42+00.00	163.93	RT	HW 2.1 OR 2.2	P5 18" N 826.08	
HW5	IR 70	43+77.90	159.30	RT	HW 2.1 OR 2.2	P9 15" N 825.20	
HW6	IR 70	46+00.50	154.29	RT	HW 2.1 OR 2.2	P12 15" N 826.03	
HW7	IR 70	48+00.00	168.80	RT	HW 2.1 OR 2.2	P14 18" N 826.66	
HW8	IR 70	53+00.00	189.82	RT	HW 2.1 OR 2.2	P15 15" N 829.96	
HW9	IR 70	57+50.00	213.14	RT	HW 2.1 OR 2.2	P16 15" N 842.62	
HW10	IR 70	65+00.00	155.03	RT	HW 2.1 OR 2.2	P18 15" N 863.88	
HW11	IR 70	67+47.39	172.44	RT	HW 2.1 OR 2.2	P19 18" N 868.87	
HW12	IR 70	72+50.00	137.74	RT	HW 2.1 OR 2.2	P20 15" N 875.83	
HW13	IR 70	72+75.00	170.61	LT	HW 2.1 OR 2.2	P21 15" S 876.03	
HW14	IR 70	86+00.00	133.18	LT	HW 2.1 OR 2.2	P23 15" S 878.68	
HW15	IR 70	86+00.00	148.45	RT	HW 2.1 OR 2.2	P25 15" N 873.81	
HW16	IR 70	91+42.55	149.35	RT	HW 2.1 OR 2.2	P26 15" N 879.08	
HW17	IR 70	91+50.00	146.74	LT	HW 2.1 OR 2.2	P27 15" S 878.36	
HW18	IR 70	97+00.00	142.41	RT	HW 2.1 OR 2.2	P28 15" N 894.64	
HW19	IR 70	109+75.00	138.35	RT	HW 2.1 OR 2.2	P35 21" N 918.80	
HW20	IR 70	115+00.00	116.20	RT	HW 2.1 OR 2.2	P36 18" N 930.58	
HW21	IR 70	124+95.00	122.53	RT	HW 2.1 OR 2.2	P38 27" NW 945.93	
HW22	IR 70	166+60.00	100.70	LT	HW 2.1 OR 2.2	P41 15" SE 1000.05	
HW23	IR 70	106+61.32	140.36	RT	HW 2.1 OR 2.2	P51 36" E 915.88	
HW24	RAMP A	63+37.91	80.21	LT	HW 2.1 OR 2.2	P43 15" S 846.80	
HW25	RAMP C	68+43.00	32.54	LT	HW 2.1 OR 2.2	P44 15" NW 867.47	
HW26	RAMP C	67+00.00	32.65	RT	HW 2.1 OR 2.2	P45 15" NW 863.77	
HW27	RAMP C	65+50.00	31.20	RT	HW 2.1 OR 2.2	P46 15" NW 859.12	
HW28	RAMP C	64+00.00	30.20	RT	HW 2.1 OR 2.2	P47 15" N 852.17	
HW29	RAMP C	62+00.00	30.19	RT	HW 2.1 OR 2.2	P48 15" N 843.79	
HW30	RAMP E	56+20.00	23.25	RT	HW 2.1 OR 2.2	P49 15" N 846.09	
HW31	RAMP G	104+00.00	28.36	RT	HW 2.1 OR 2.2	P50 36" N 907.30	
HW32	TAYLOR ROAD	37+86.80	185.10	LT	HW 2.1 OR 2.2	P54 30" E 918.91	
HW33	TAYLOR ROAD	37+00.00	60.67	LT	HW 2.1 OR 2.2	P56 12"E 941.06	
HW34	TAYLOR ROAD	42+44.83	55.40	LT	HW 2.1 OR 2.2	P58 12" E 953.80	
HW35	TAYLOR ROAD	16+98.24	124.87	RT	HW 2.1 OR 2.2	P66 24" W 909.42	
HW36	TAYLOR ROAD	48+50.00	68.78	LT	HW 2.1 OR 2.2	P86 18" E 934.46	
HW37	TAYLOR ROAD	45+02.62	151.75	LT	HW 2.1 OR 2.2	P117 18" NE 906.13	
HW38	PALMER ROAD	23+34.00	31.05	LT	HW 2.1 OR 2.2	P126 12" E 991.02	
HW39	PALMER ROAD	21+81.77	55.38	RT	HW 2.1 OR 2.2	P131 18" E 983.47	
HW40	IR 70	37+51.06	118.69	LT	HW 2.1 OR 2.2	P136 15" S 837.71	
HW41	IR 70	40+65.00	127.89	LT	HW 2.1 OR 2.2	P137 15" S 827.68	
HW42	IR 70	43+59.08	130.00	LT	HW 2.1 OR 2.2	P138 15" SE 825.99	
WO1	IR 70	97+00.00	121.03	LT	CIP WALL OUTLET	P31 15" N 885.41	
WO2	IR 70	102+50.00	121.02	LT	CIP WALL OUTLET	P33 15" S 893.66	
WO3	IR 70	105+91.48	140.57	LT	CIP WALL OUTLET	P52 15" SW 897.59	
CC1	IR 70	157+47.00	832.00	RT	CONCRETE COLLAR	P39 30" NW 987.04	
CC2	IR 70	157+47.00	8.33	LT	CONCRETE COLLAR	P40 30" SE 986.72	
CC3	SR 204	36+44.00	21.88	LT	CONCRETE COLLAR	P42 12" E 899.59	

STORM SEWER PROFILES
DESIGN TABLES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1101 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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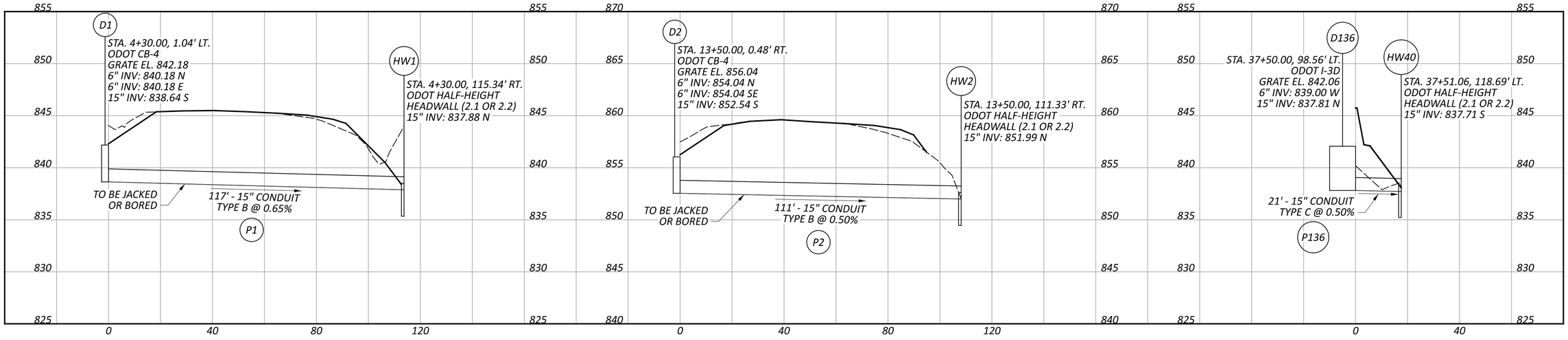
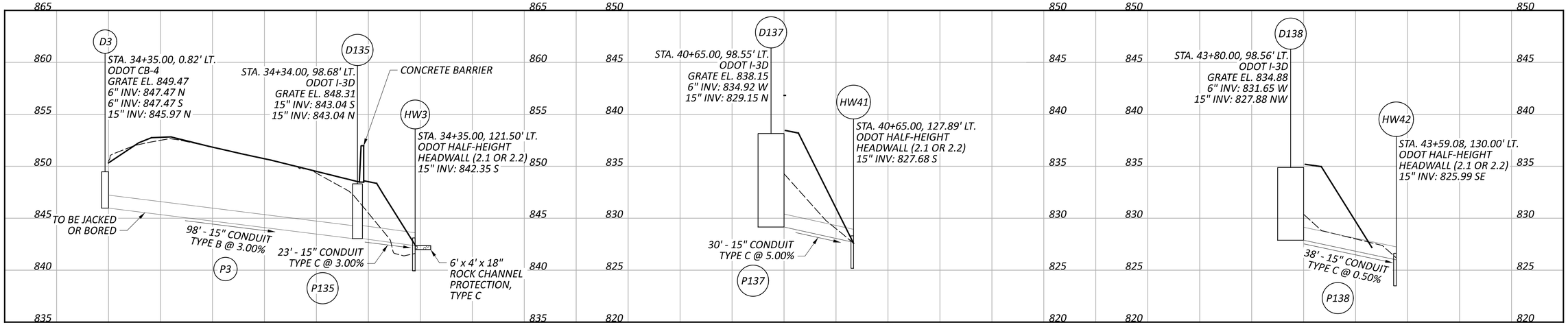
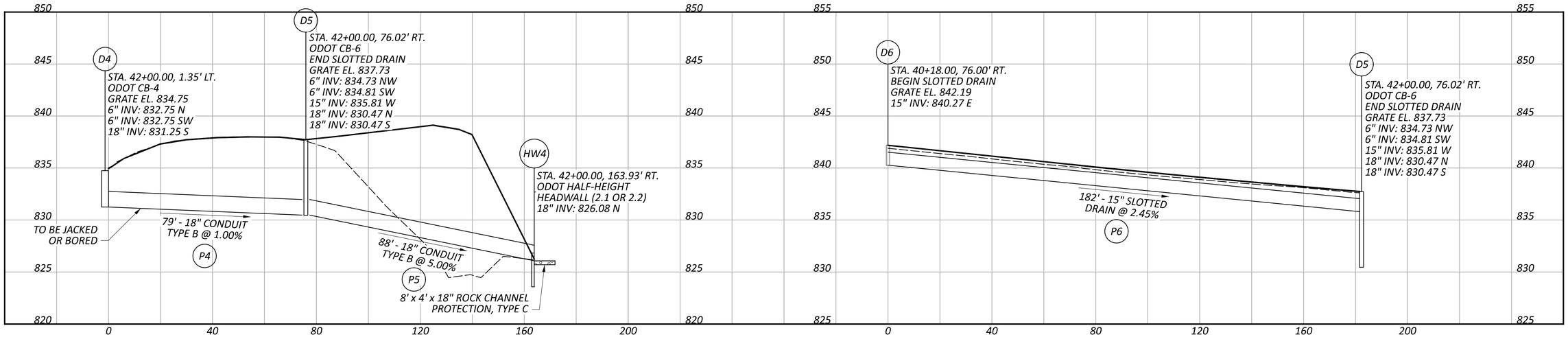
STORM SEWER PROFILES
IR 70







DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1102 TOTAL P.2024

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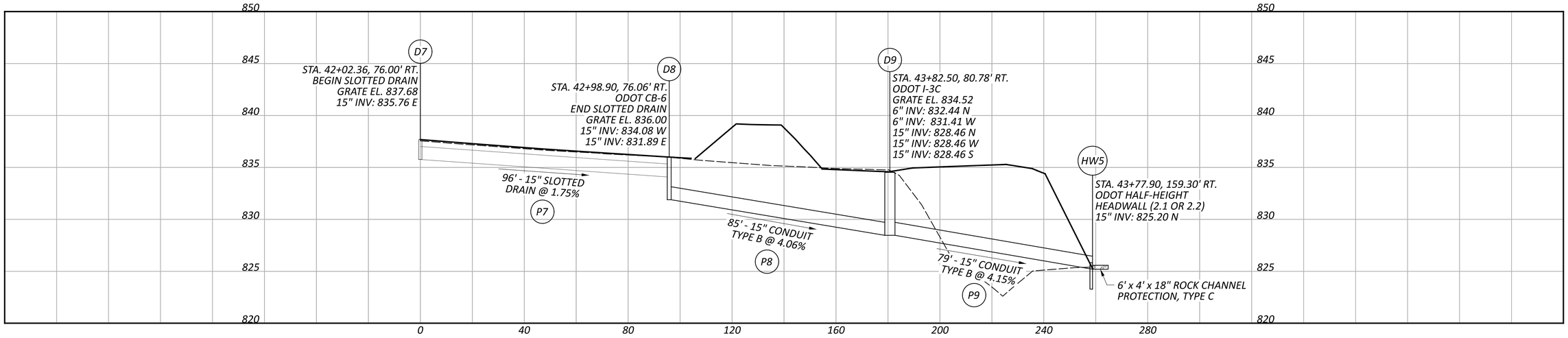
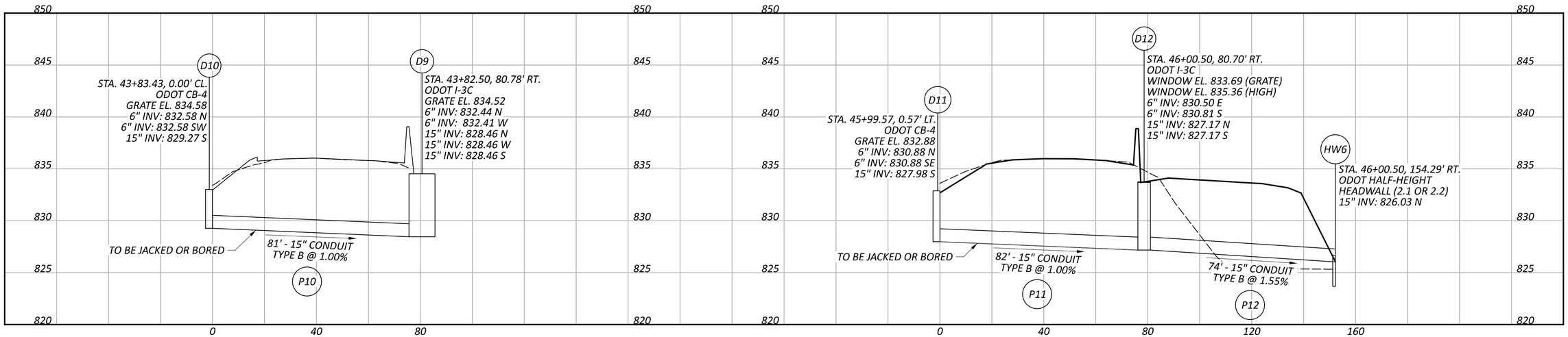
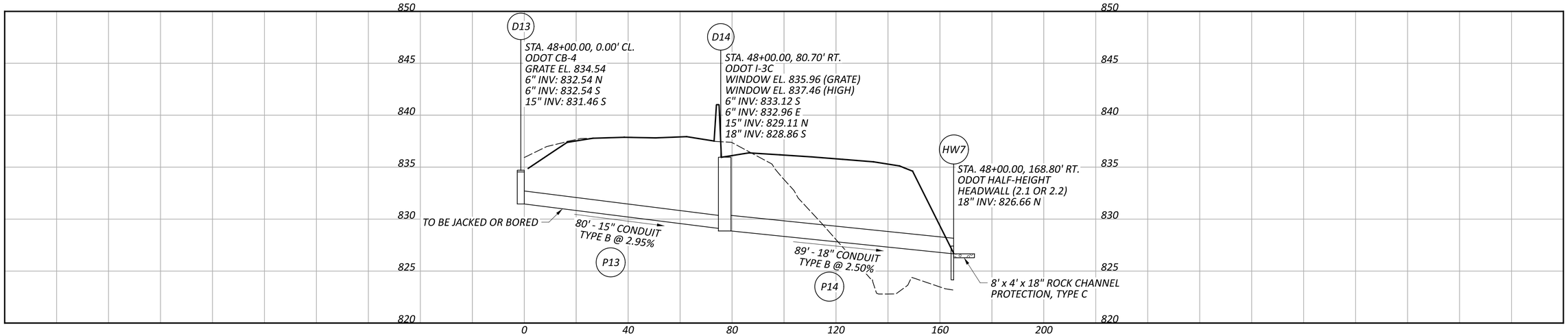
STORM SEWER PROFILES
IR 70







DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1103
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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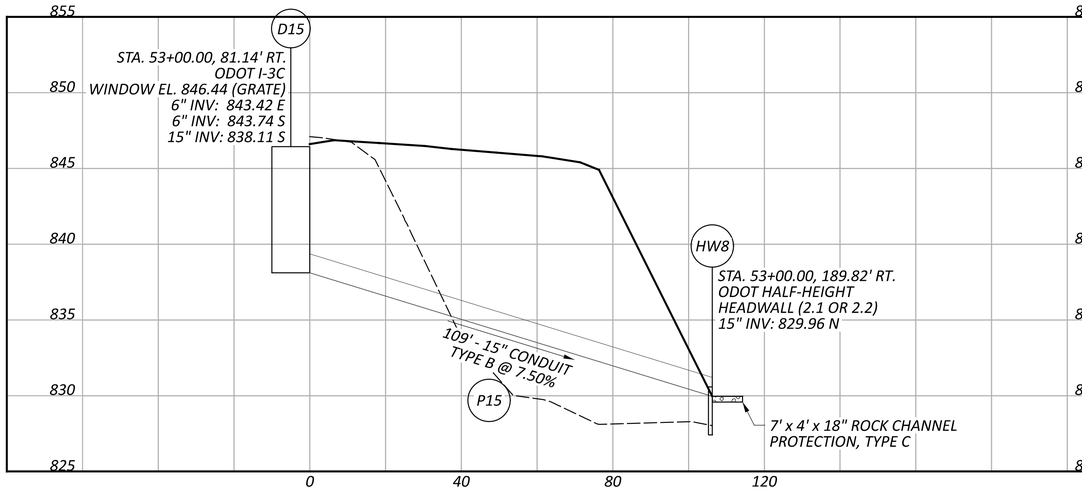

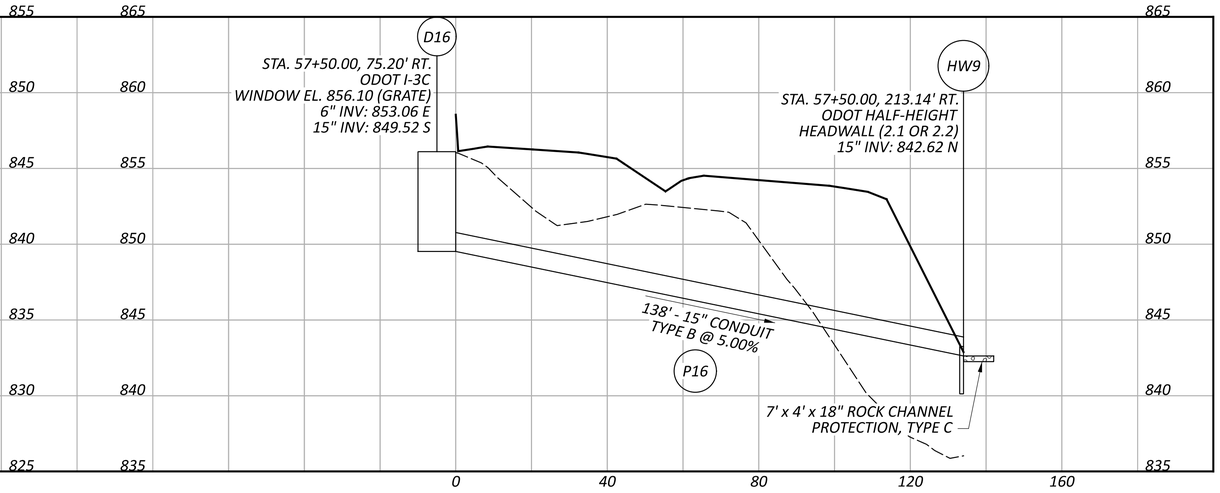

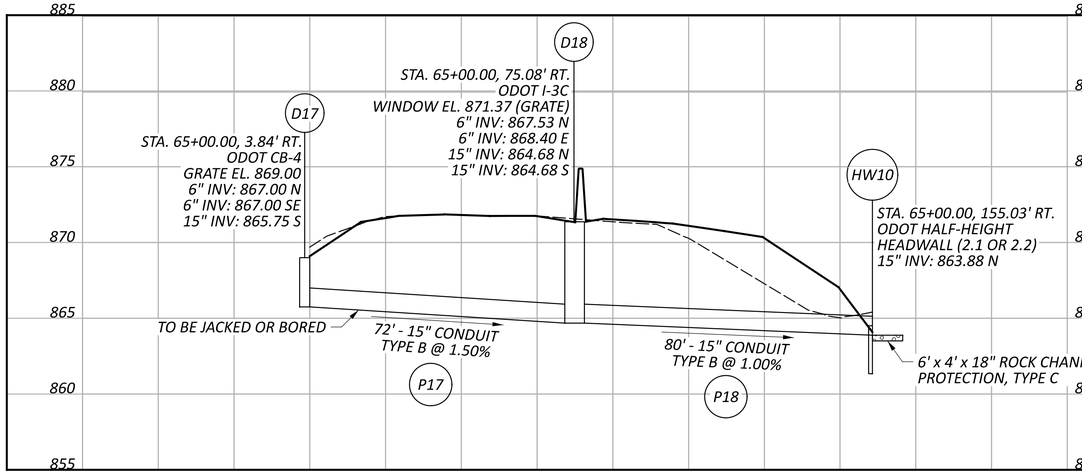

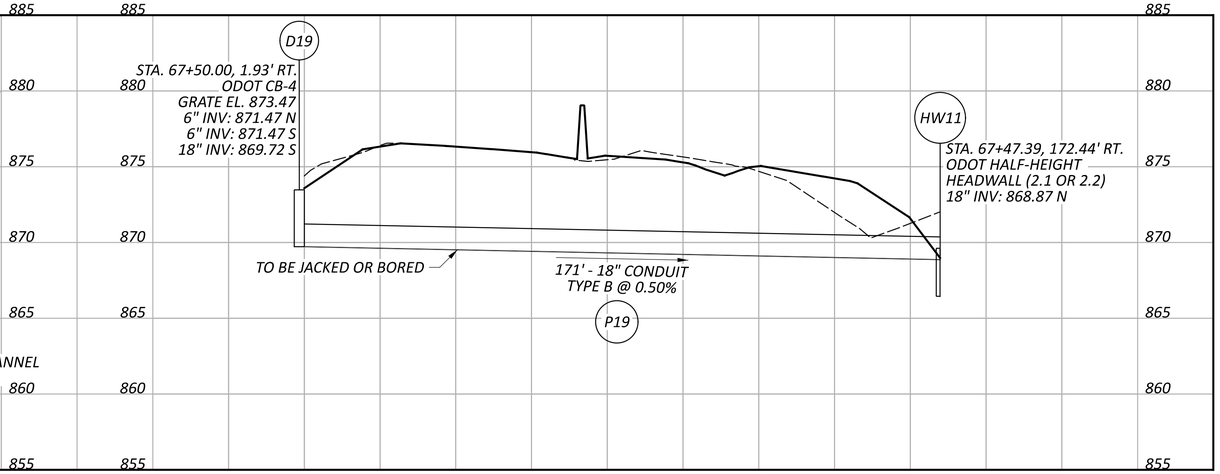

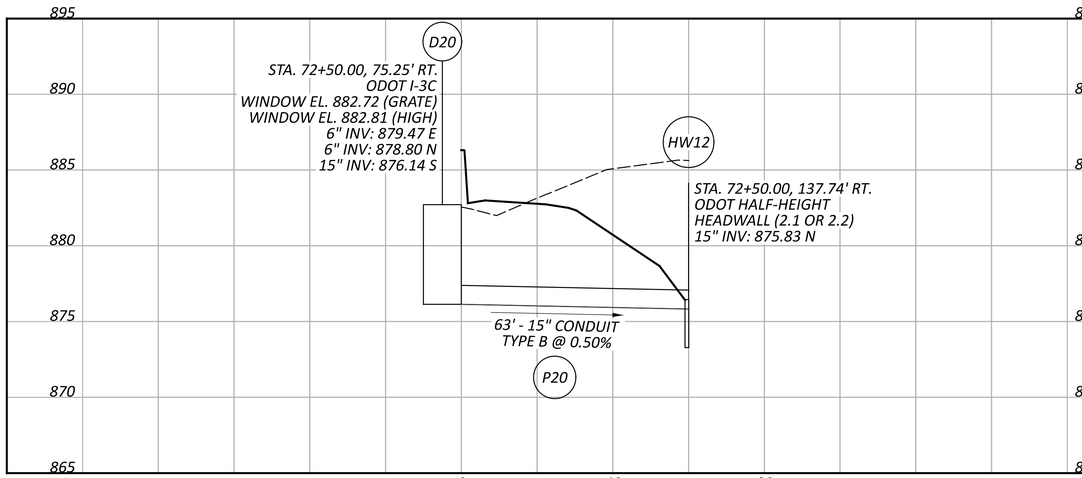

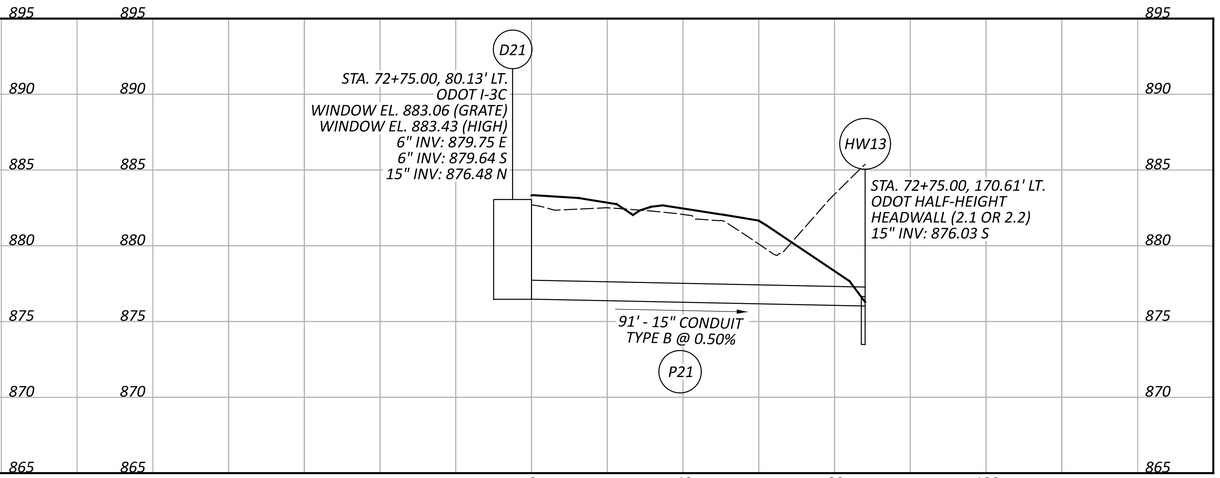

STORM SEWER PROFILES
IR 70

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1104
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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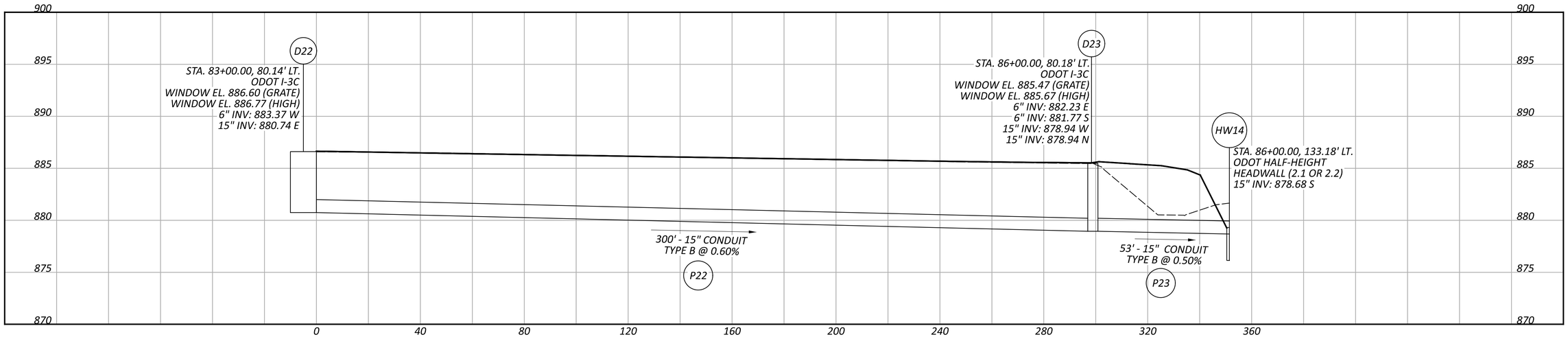

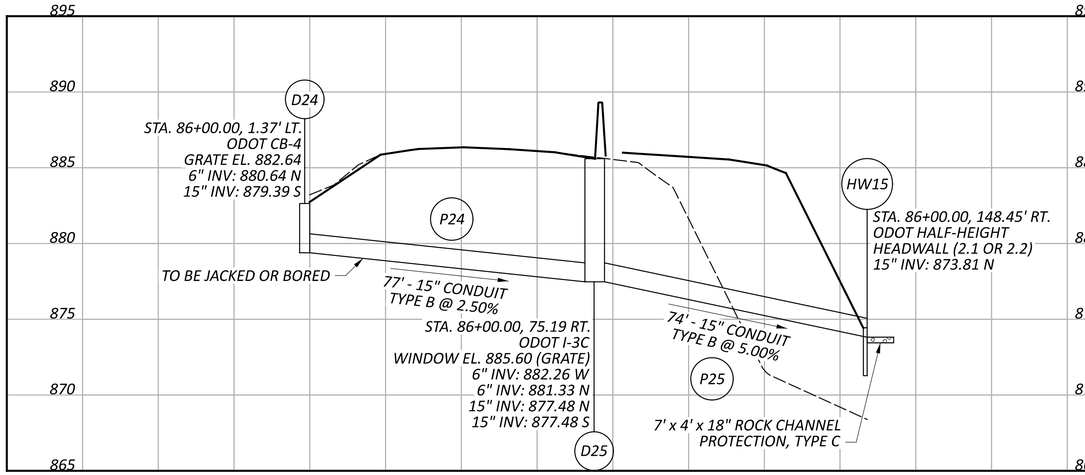

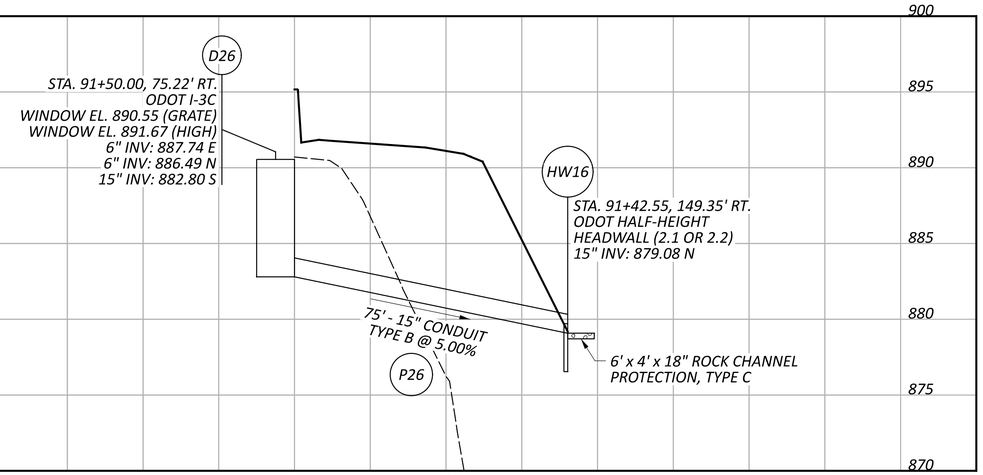

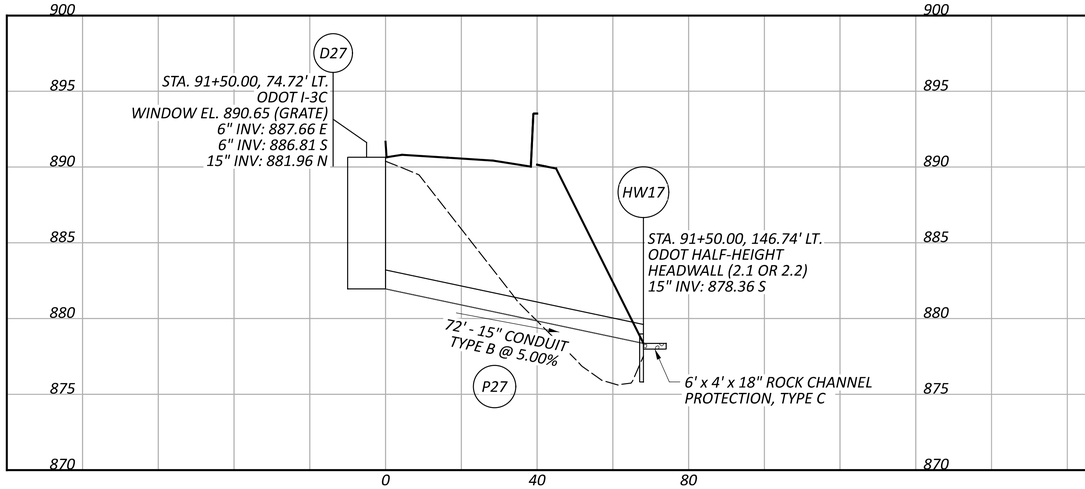

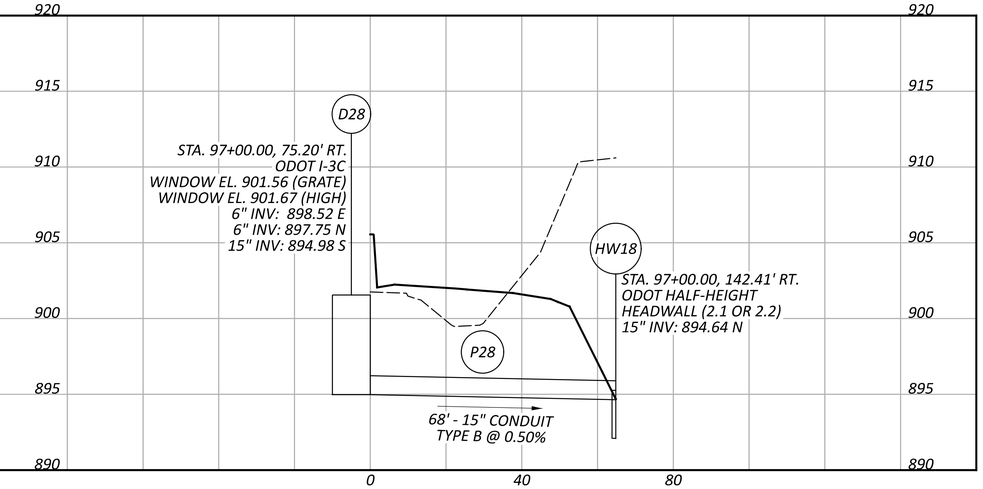

STORM SEWER PROFILES
IR 70

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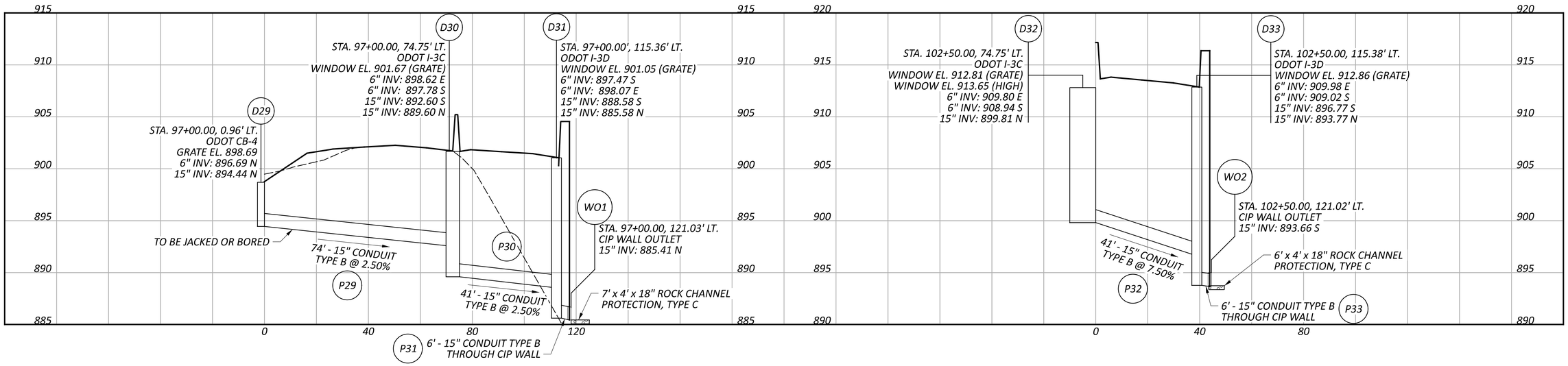
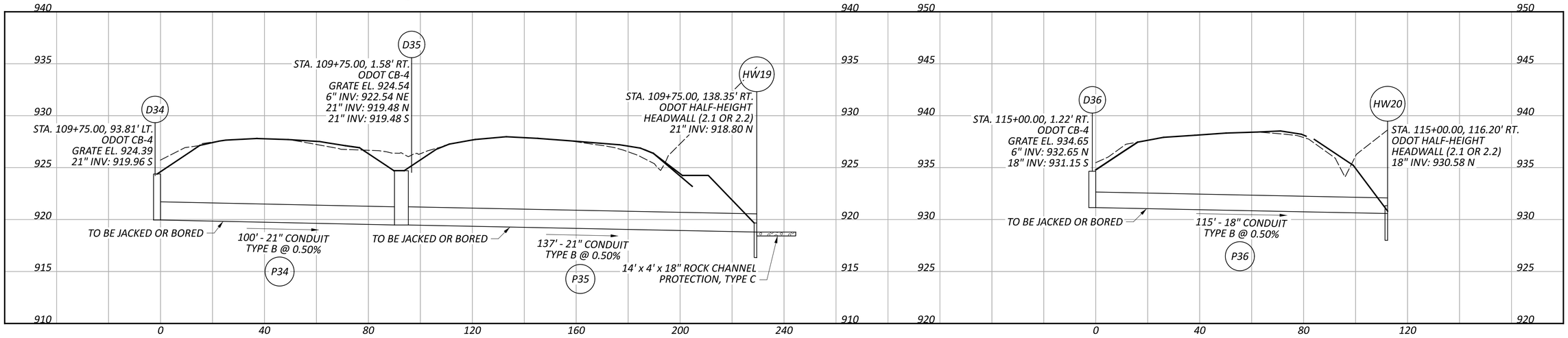
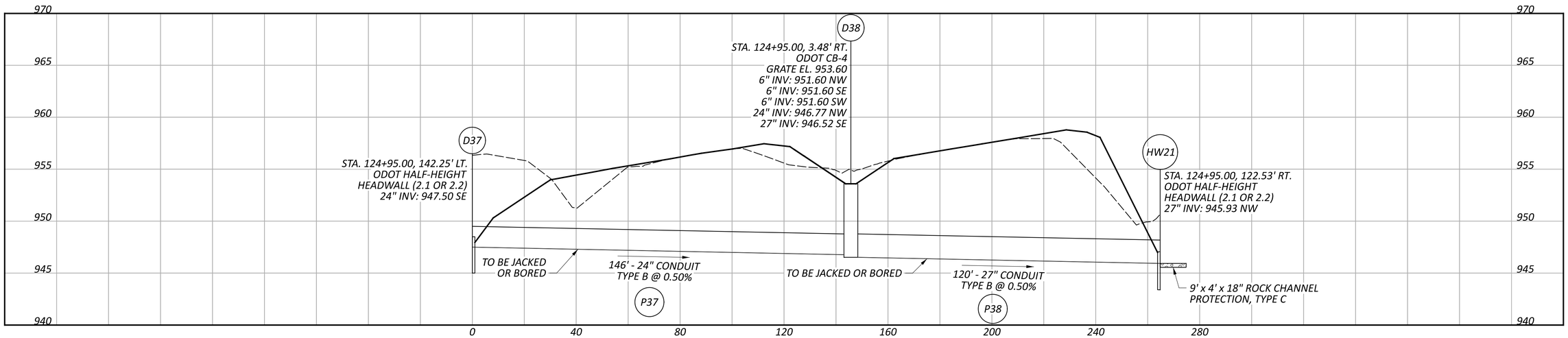
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1105
TOTAL	P.2024







STORM SEWER PROFILES
IR 70

DESIGN AGENCY
CARPENTER MARKY

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1106
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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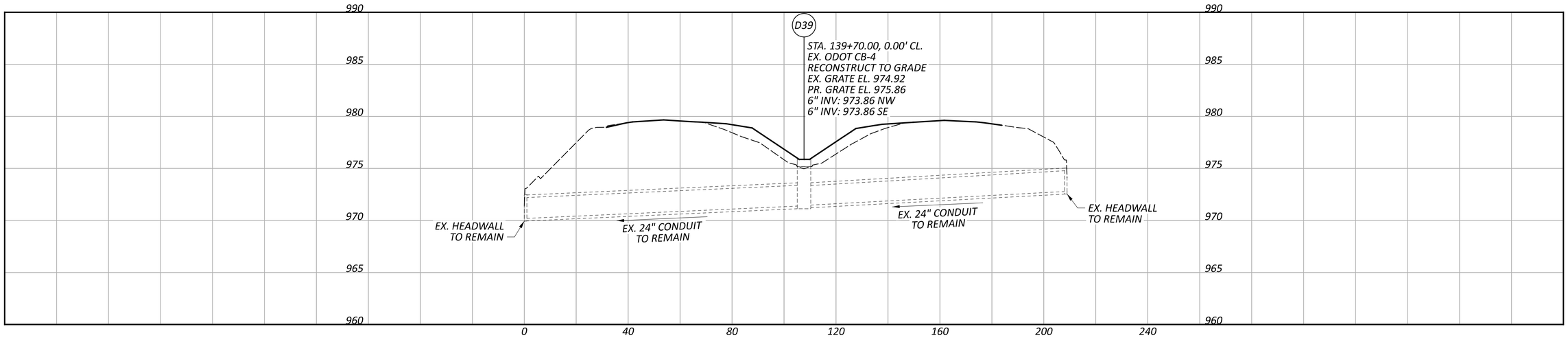

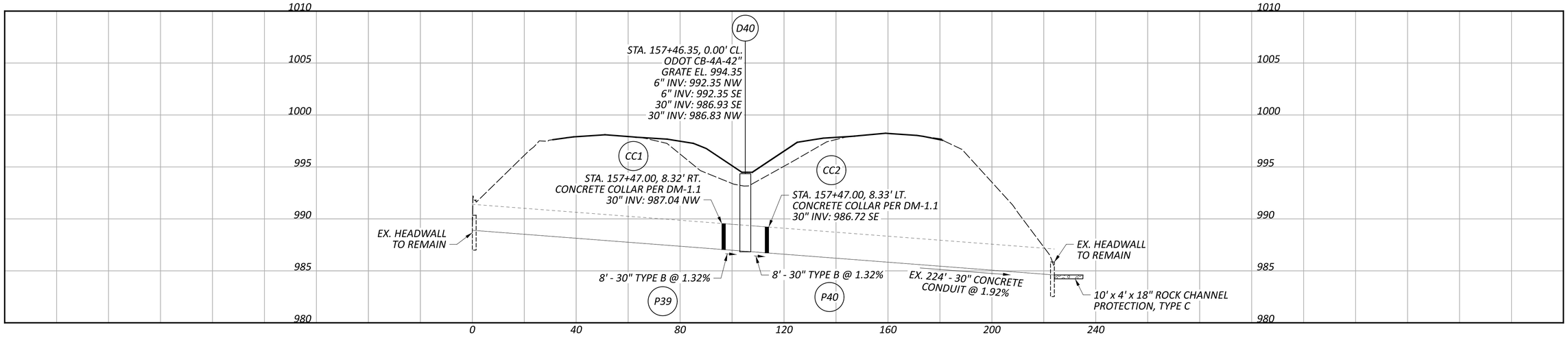

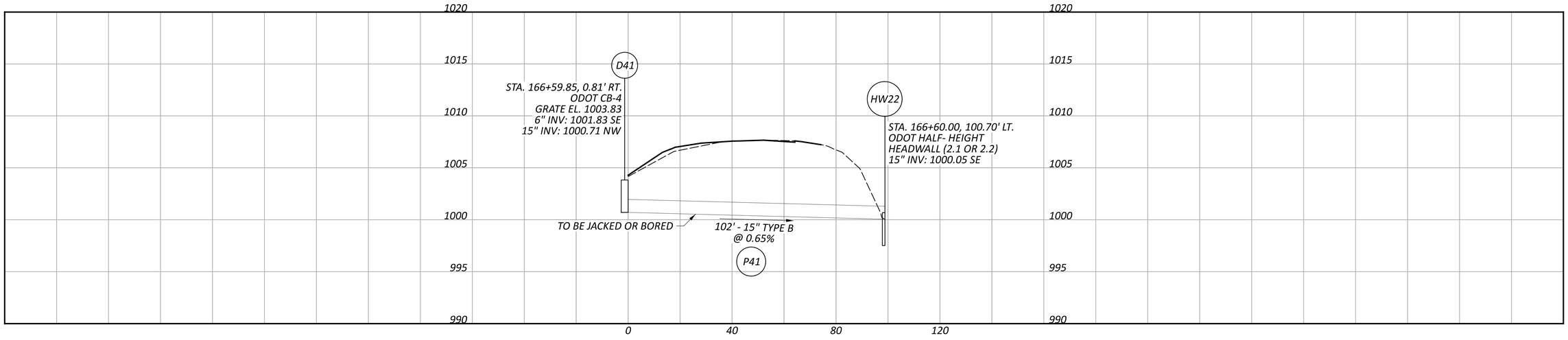

STORM SEWER PROFILES
IR 70

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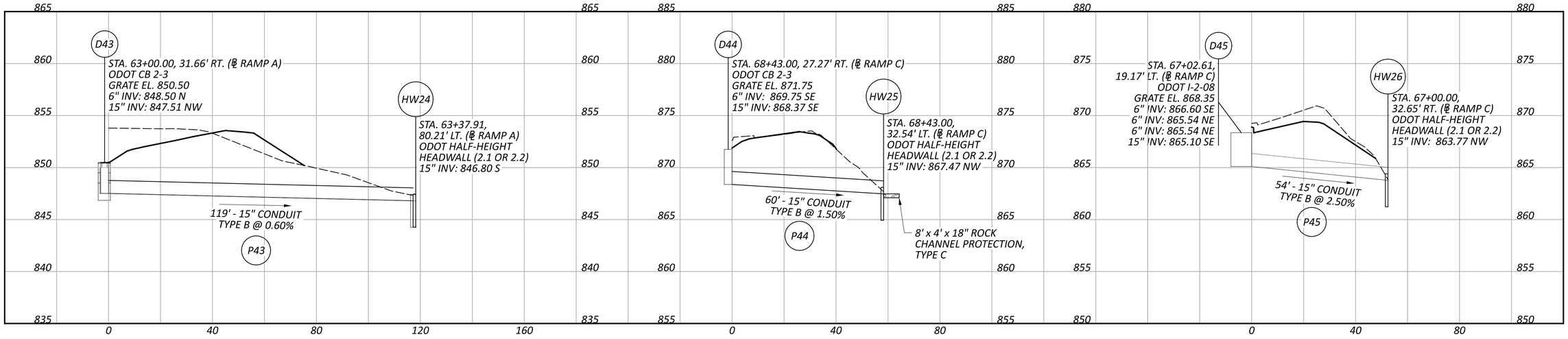
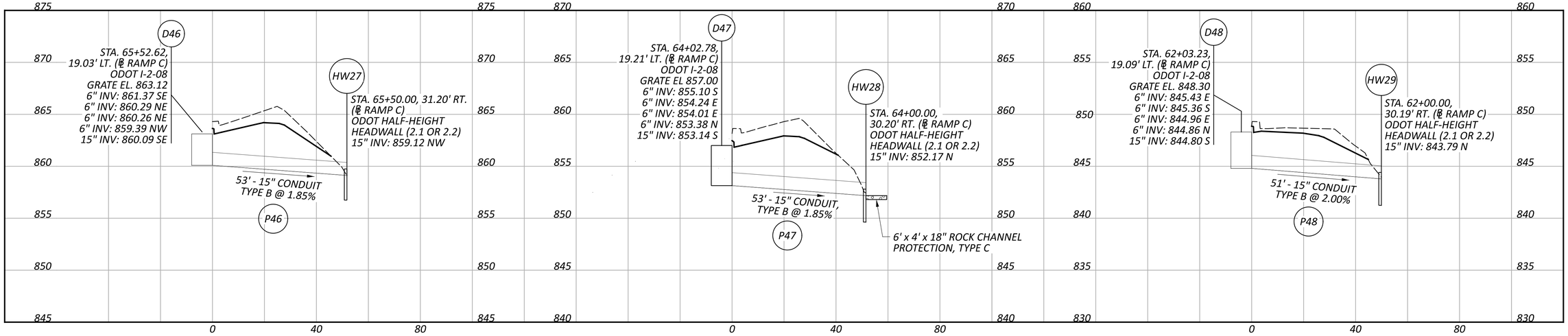
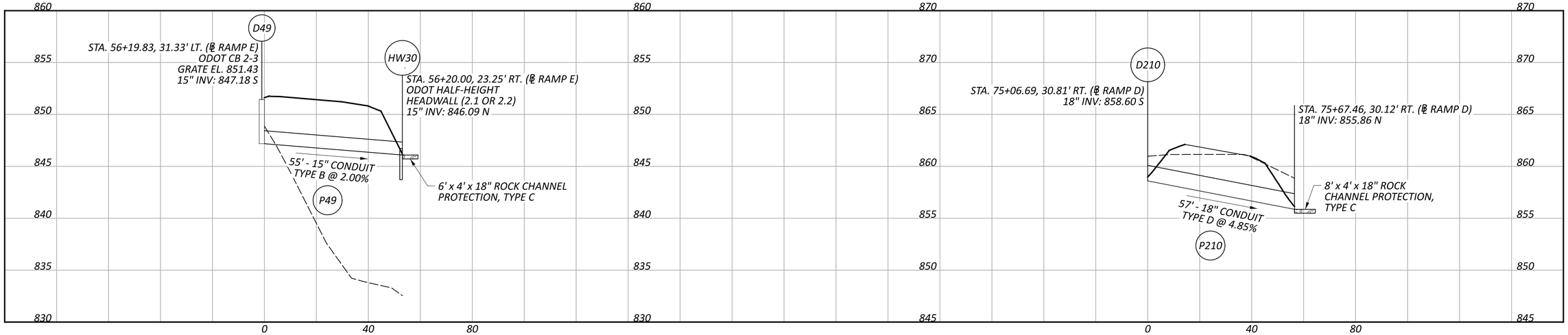
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1107
TOTAL	P.2024







STORM SEWER PROFILES
INTERCHANGE RAMPS: SR 256

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1108 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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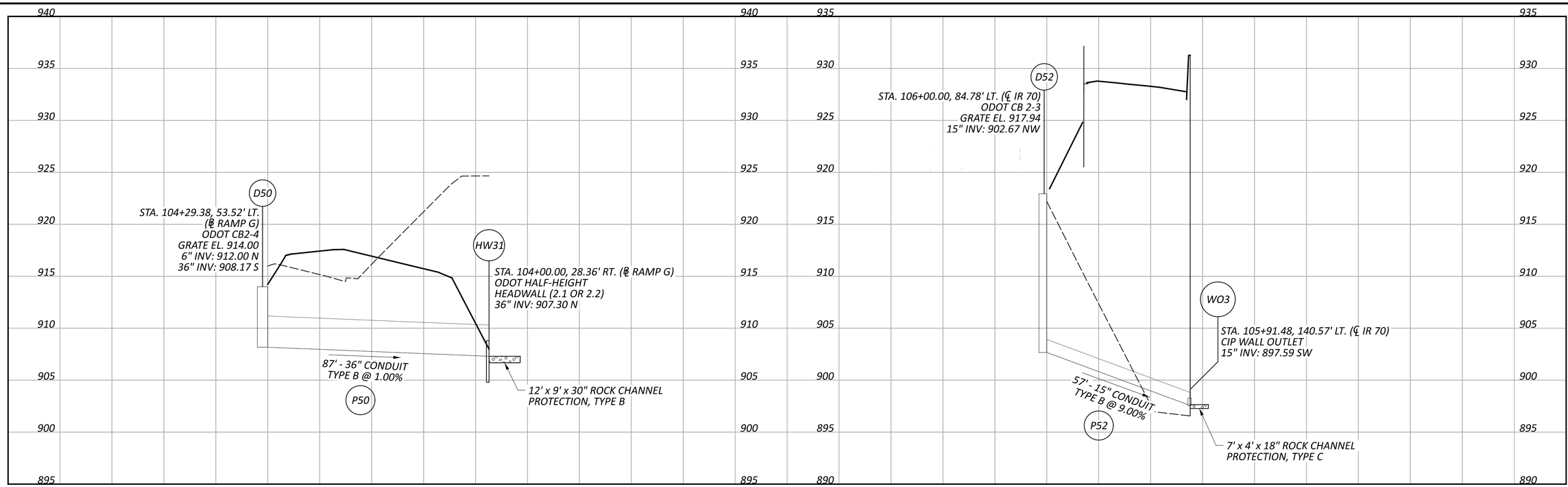

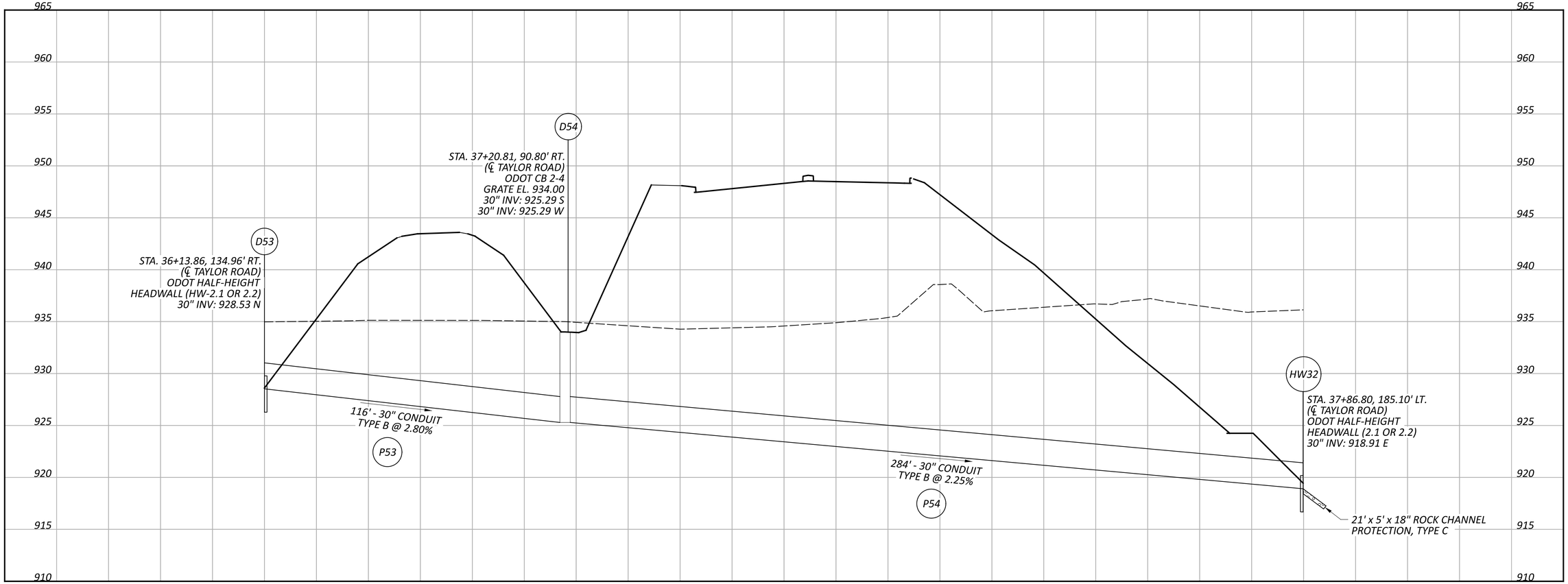

STORM SEWER PROFILES
INTERCHANGE RAMPS: TAYLOR ROAD

FAI/LIC-IR 70-0.00/0.00

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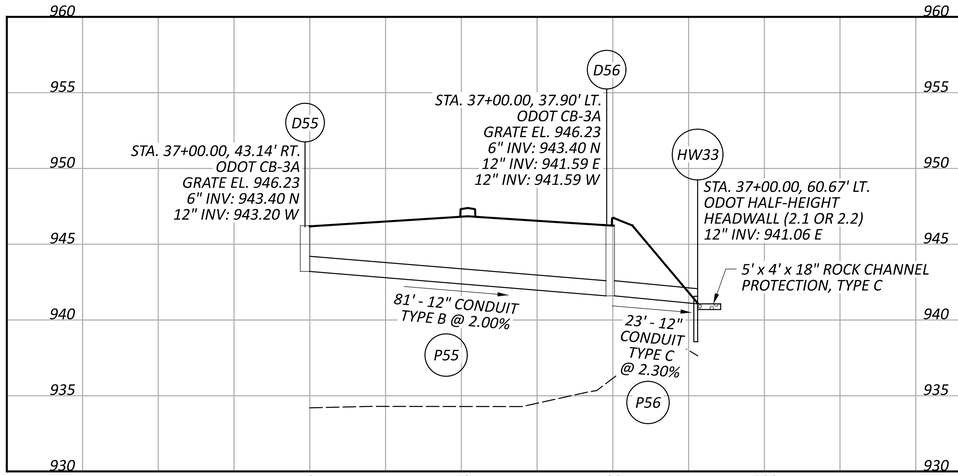
DESIGN AGENCY
CARPENTER MARTY transportation

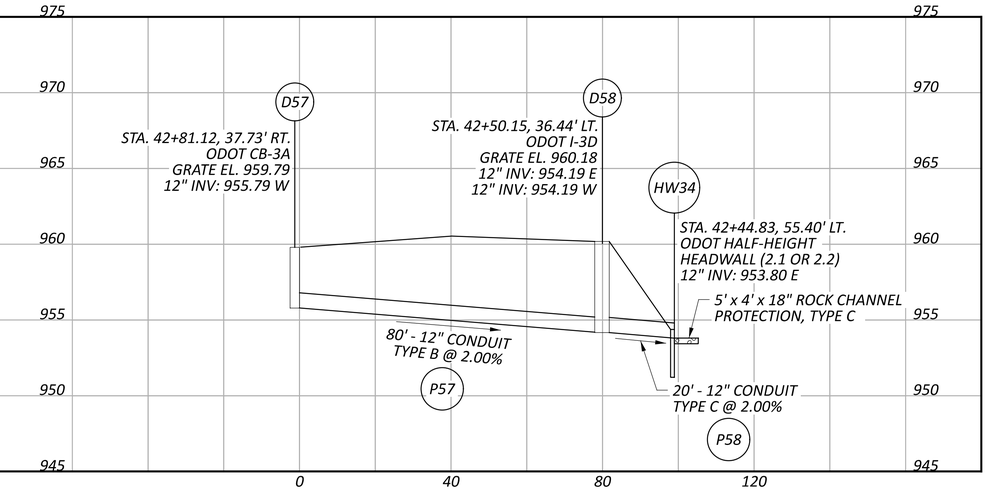
DESIGNER
CEF

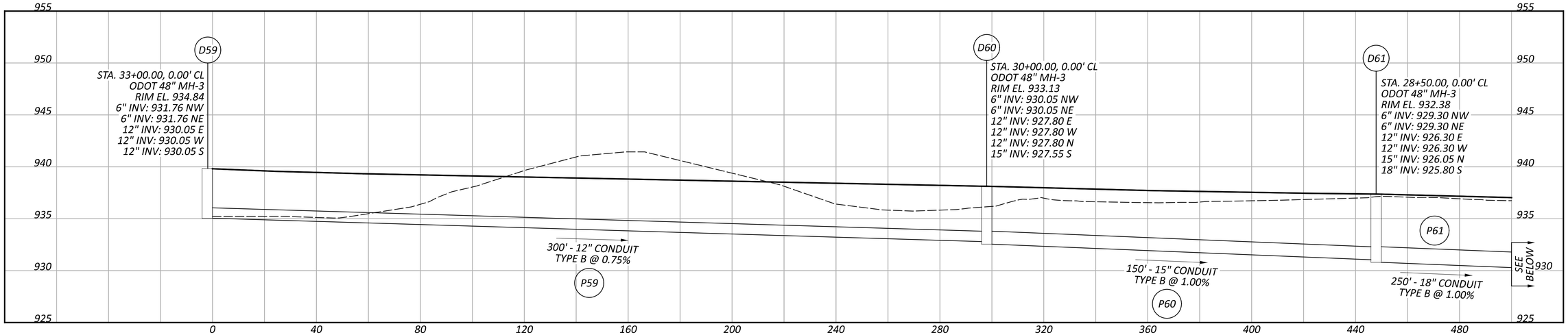
REVIEWER
BAA 08/21/26

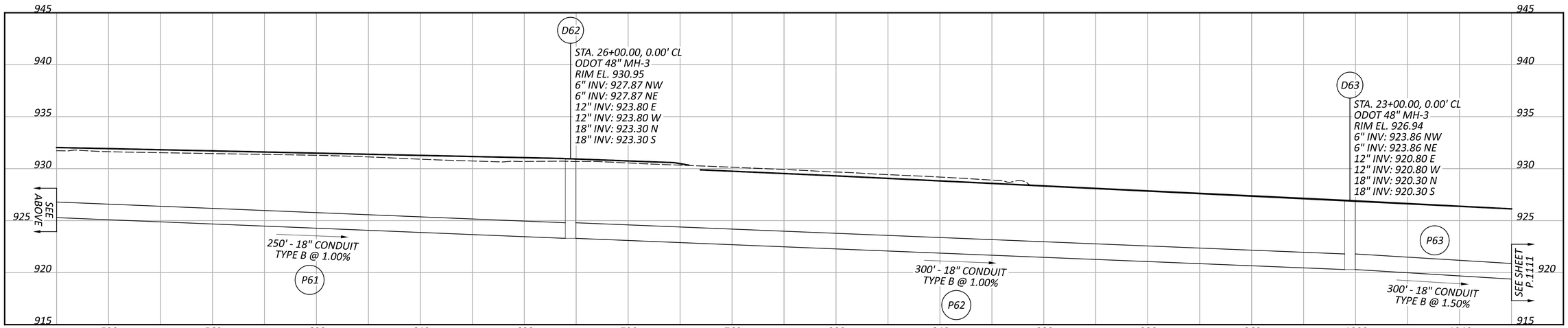
PROJECT ID
96808

SHEET P.1109 | TOTAL P.2024









STORM SEWER PROFILES
TAYLOR ROAD

FAI/LIC-IR 70-00.00/0.00

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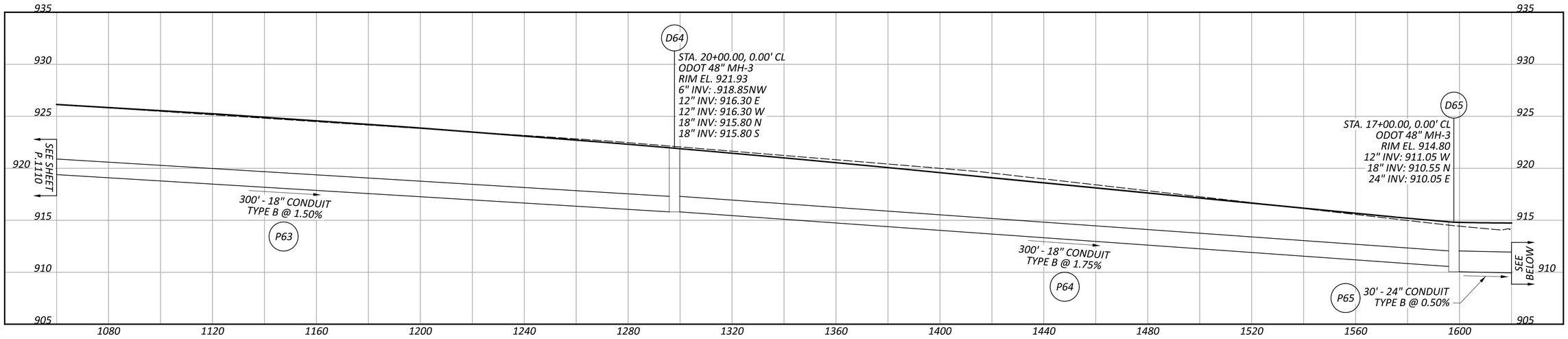
DESIGN AGENCY
CARPENTER MARTY transportation

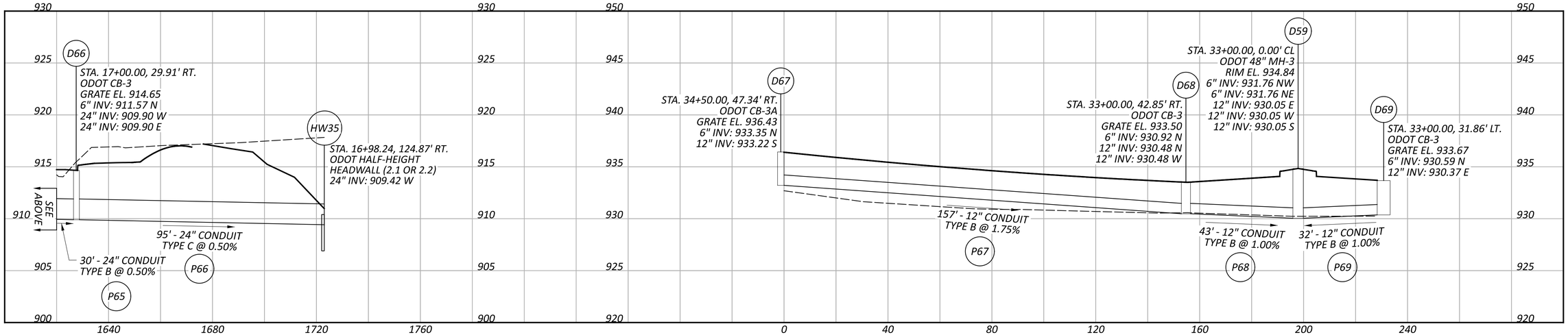
DESIGNER
CEF

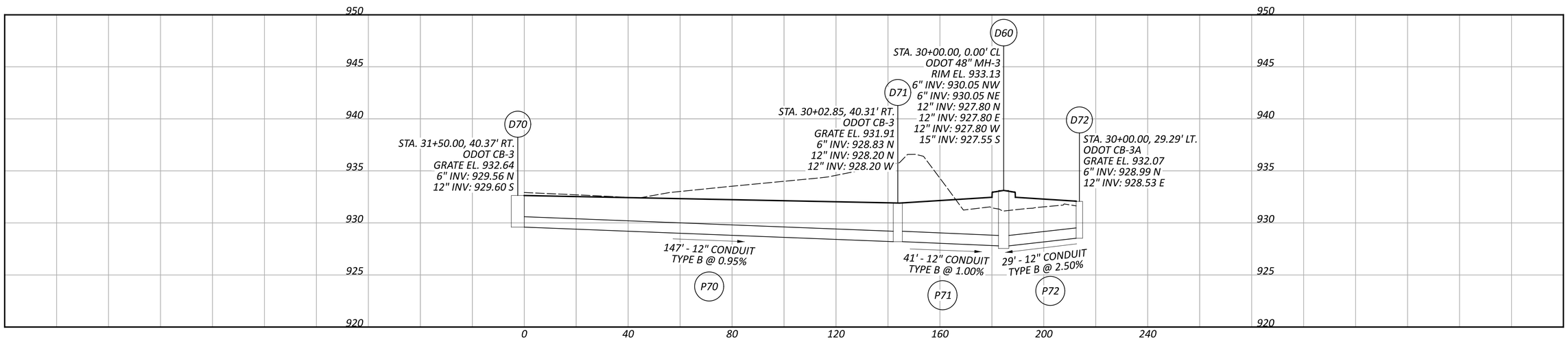
REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1110 TOTAL P.2024







STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1111 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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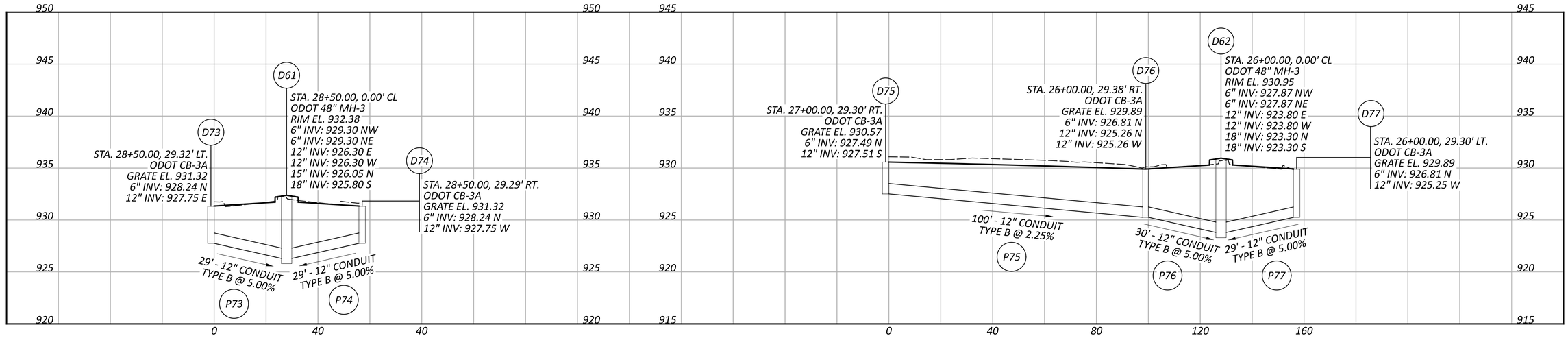

STORM SEWER PROFILES
TAYLOR ROAD

FAI/LIC-IR 70-0.00/0.00

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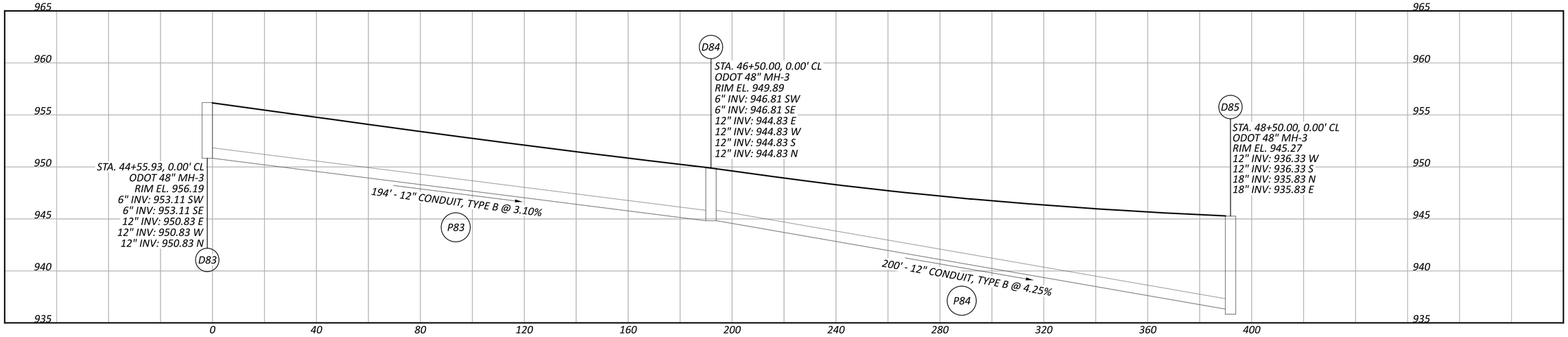
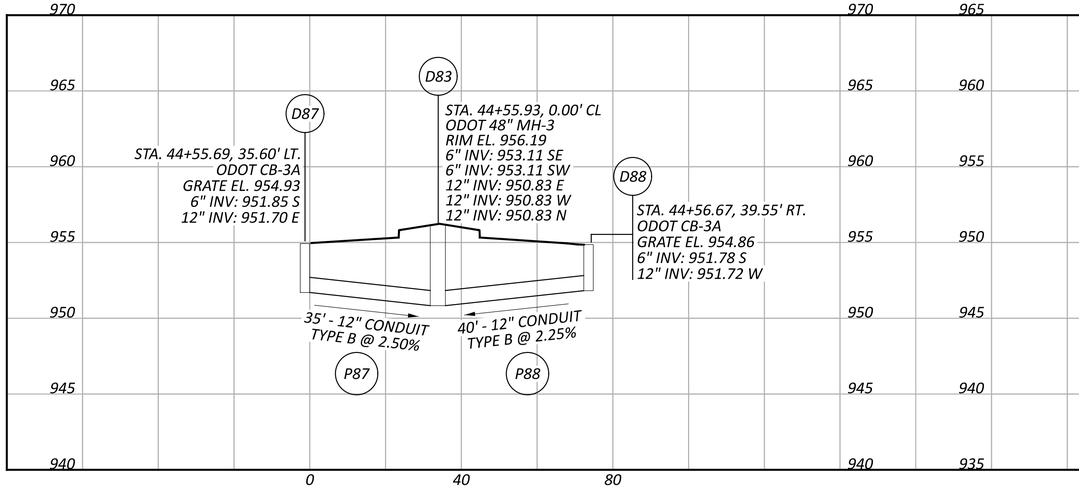
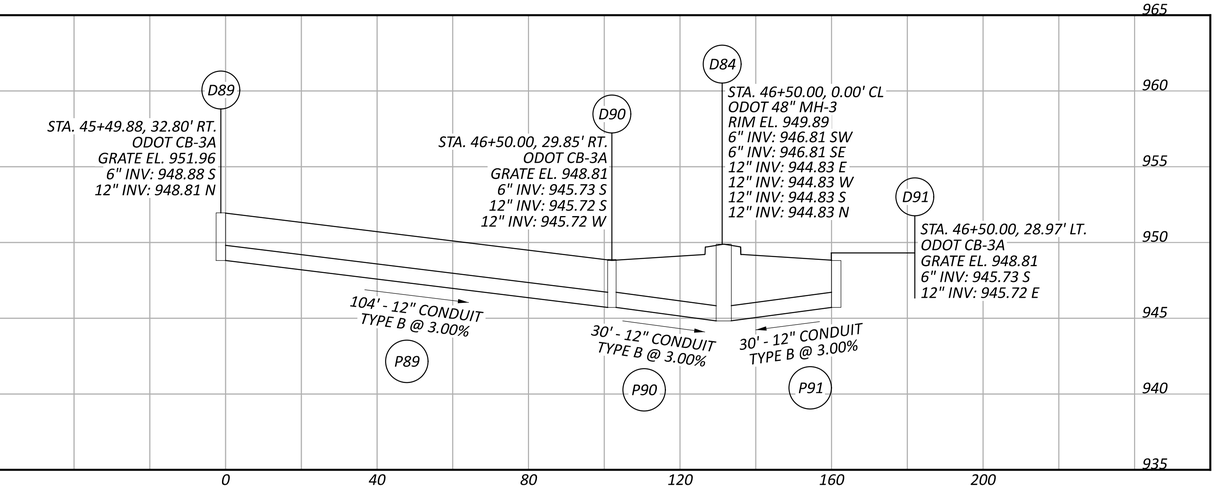
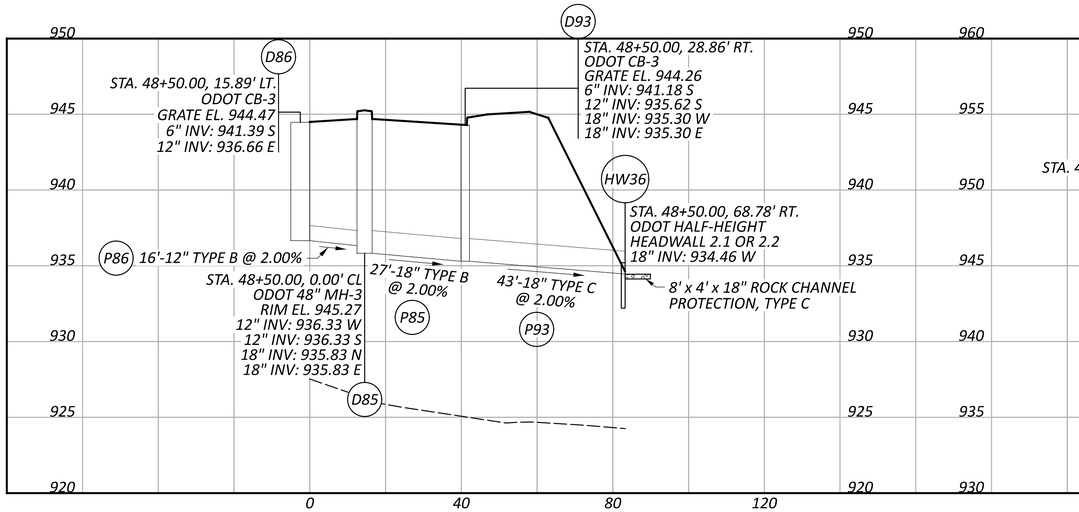
DESIGN AGENCY
CARPENTER MARTY transportation

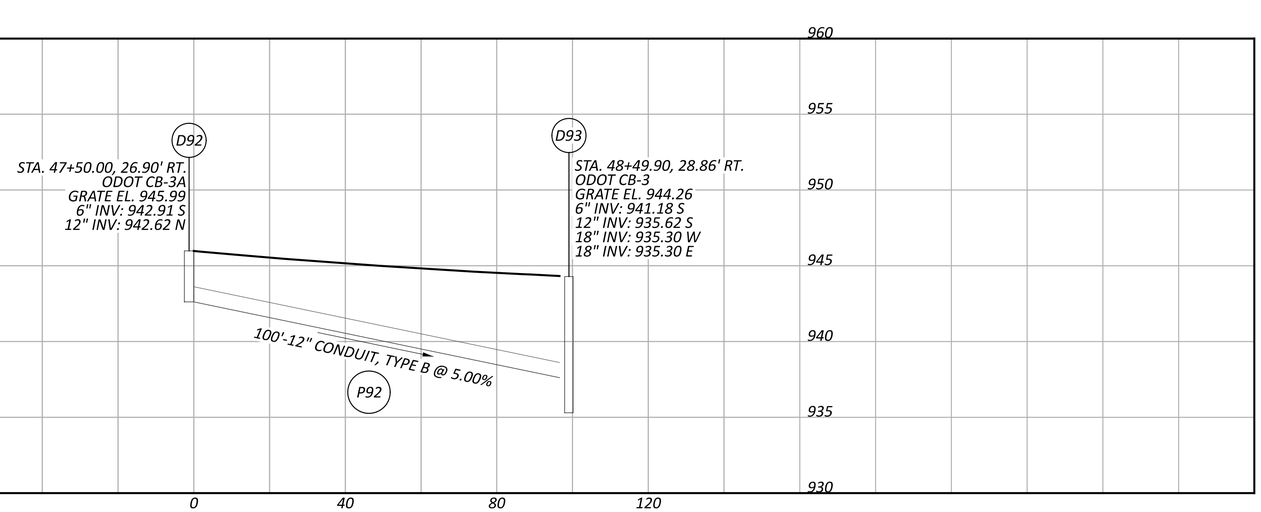
DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1112
TOTAL	P.2024











STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1113 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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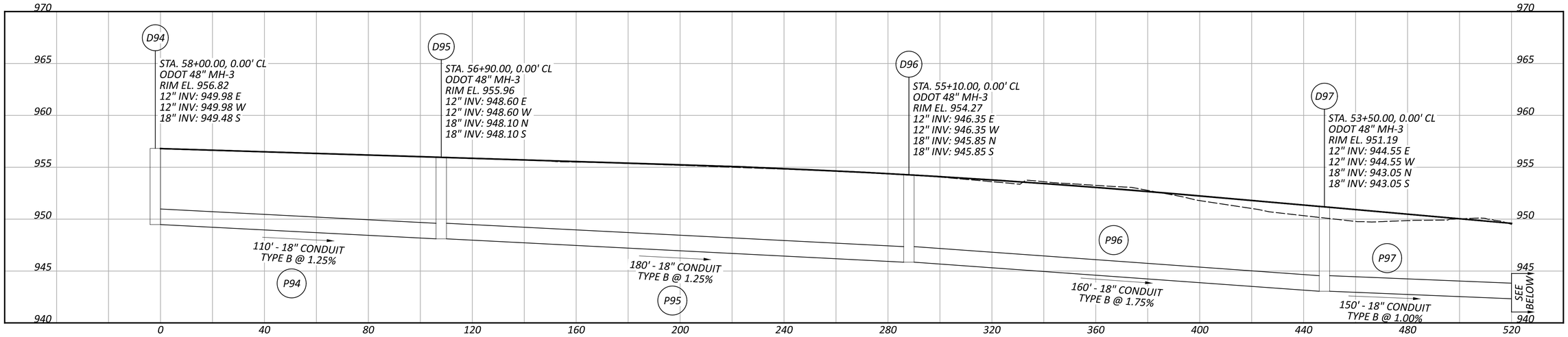

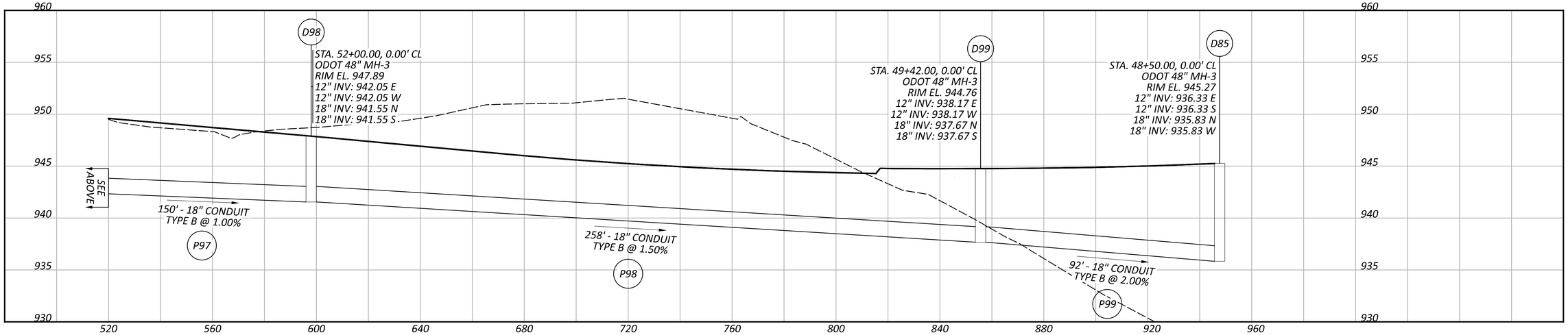

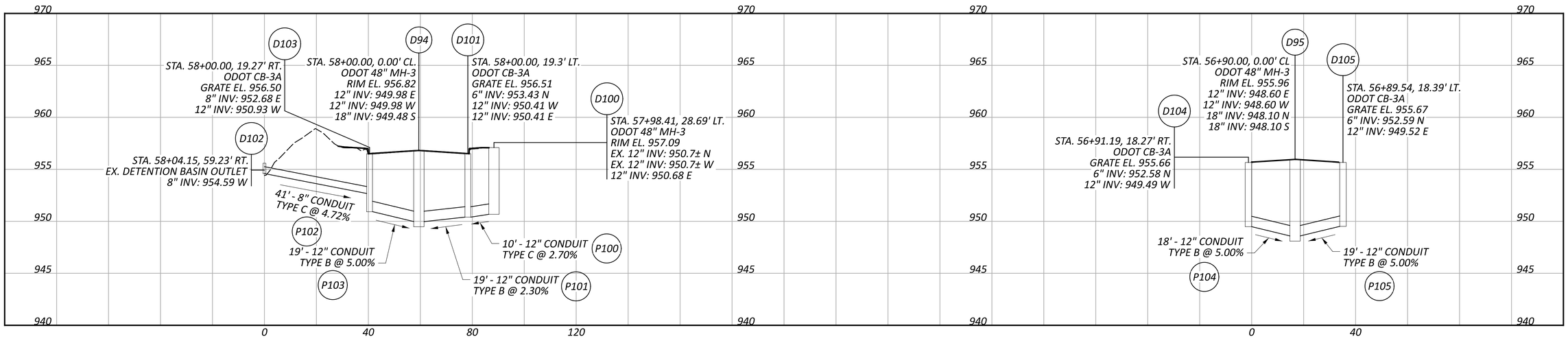

STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1114 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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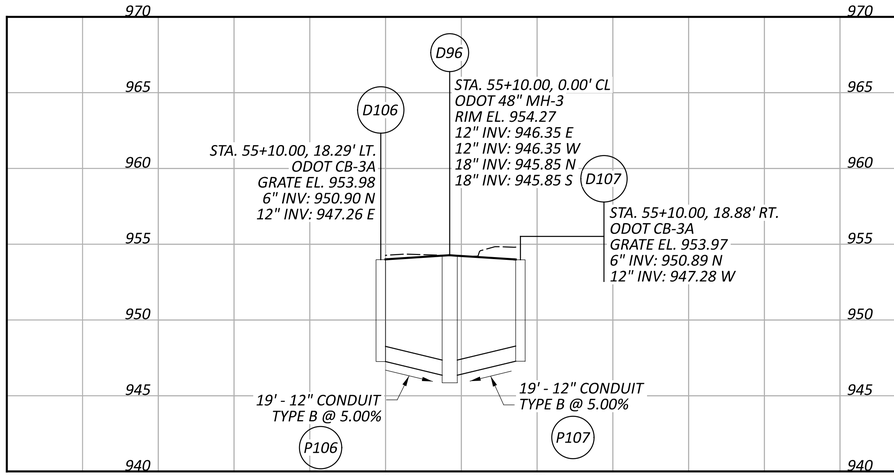

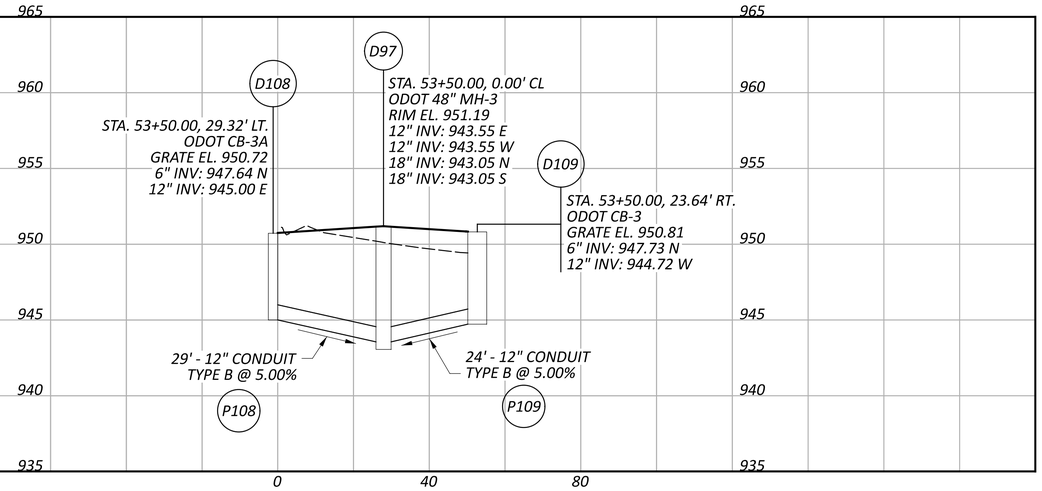

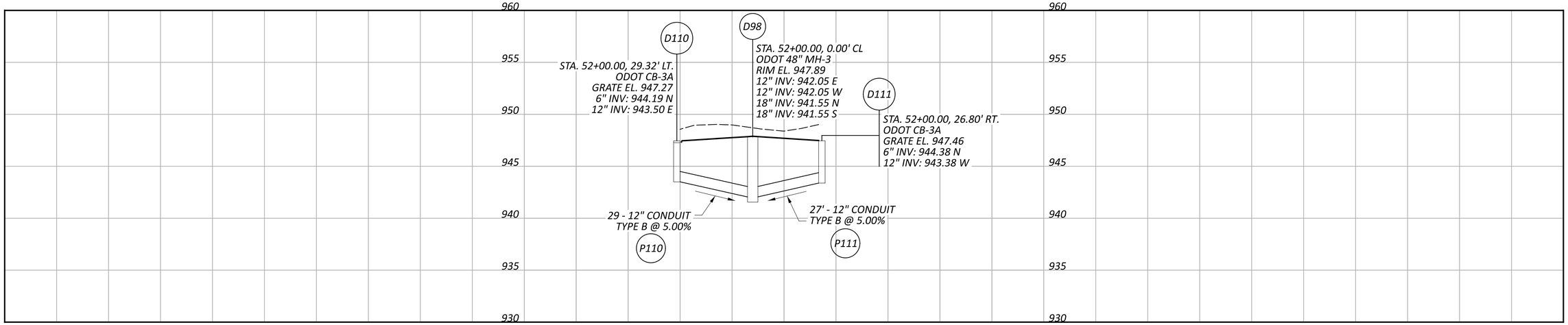

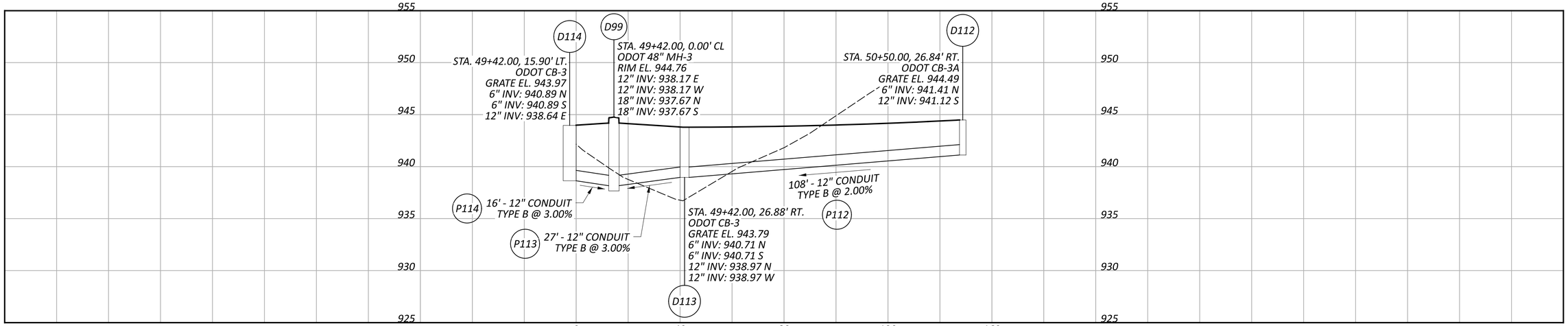

STORM SEWER PROFILES
TAYLOR ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1115 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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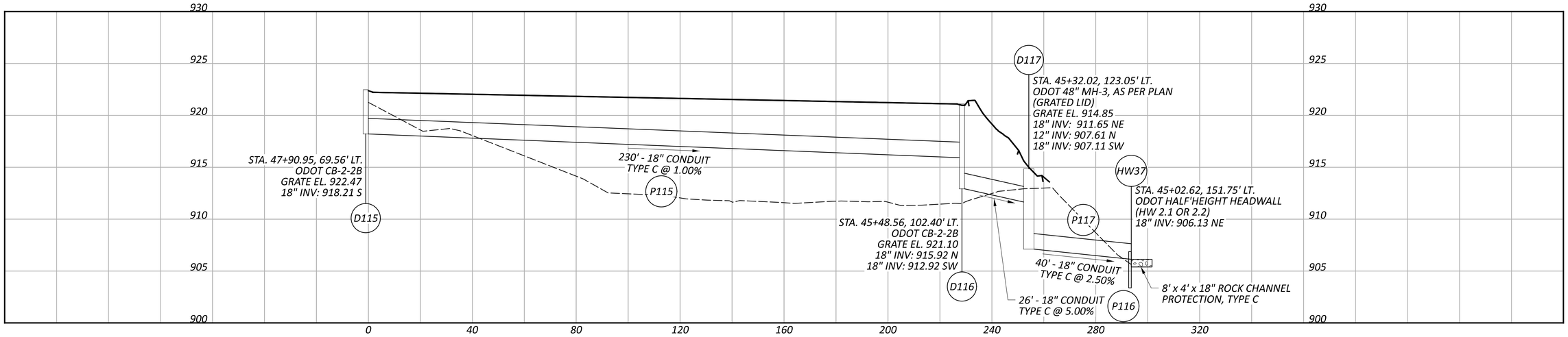
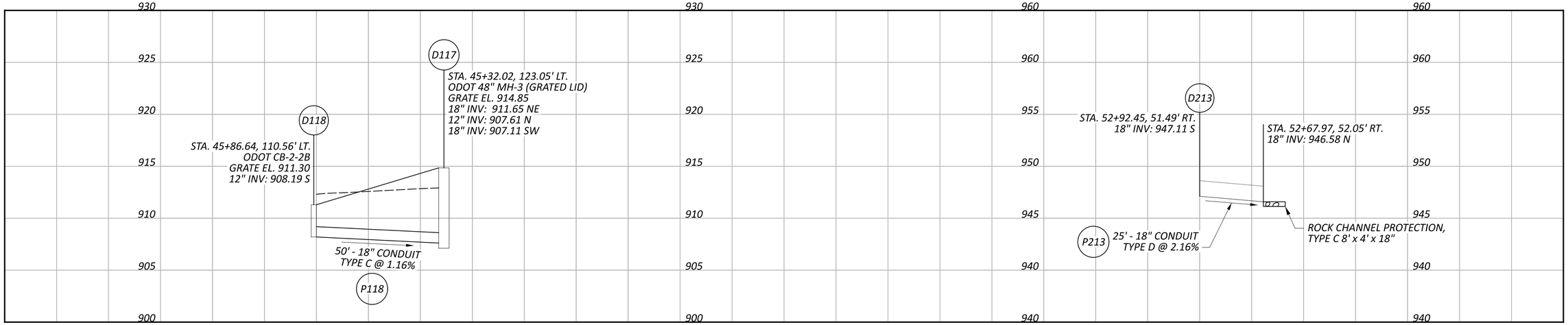
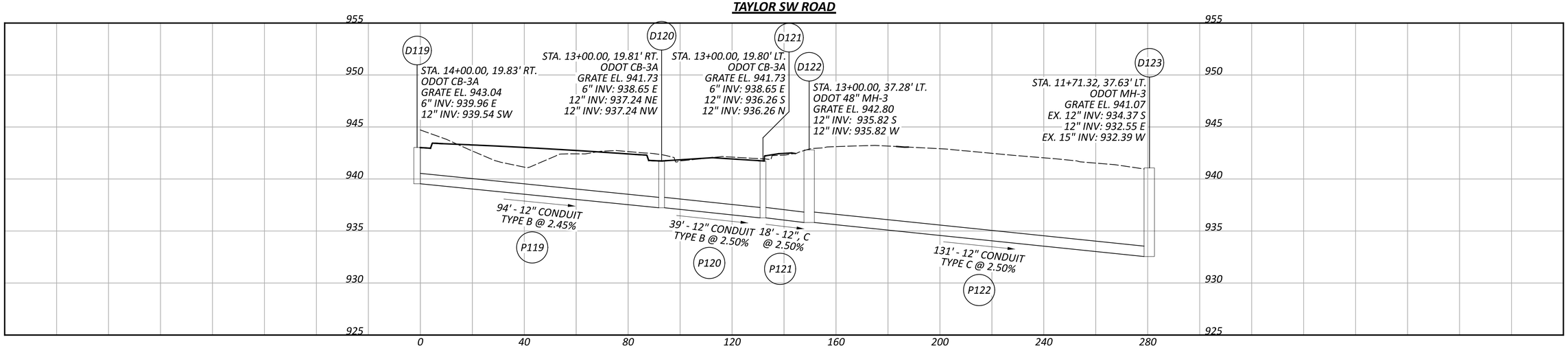




TAYLOR SW ROAD



STORM SEWER PROFILES
TAYLOR ROAD AND TAYLOR SW ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1116 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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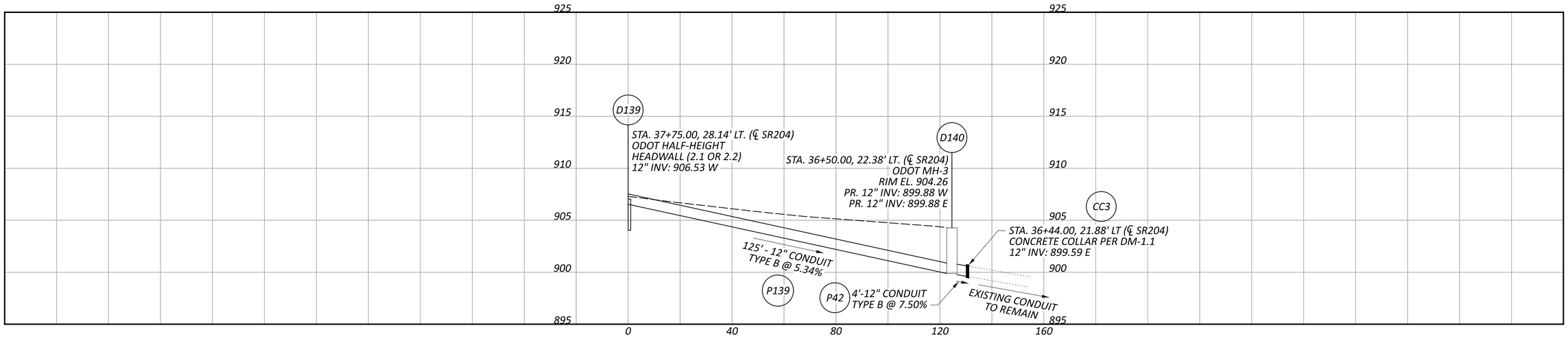

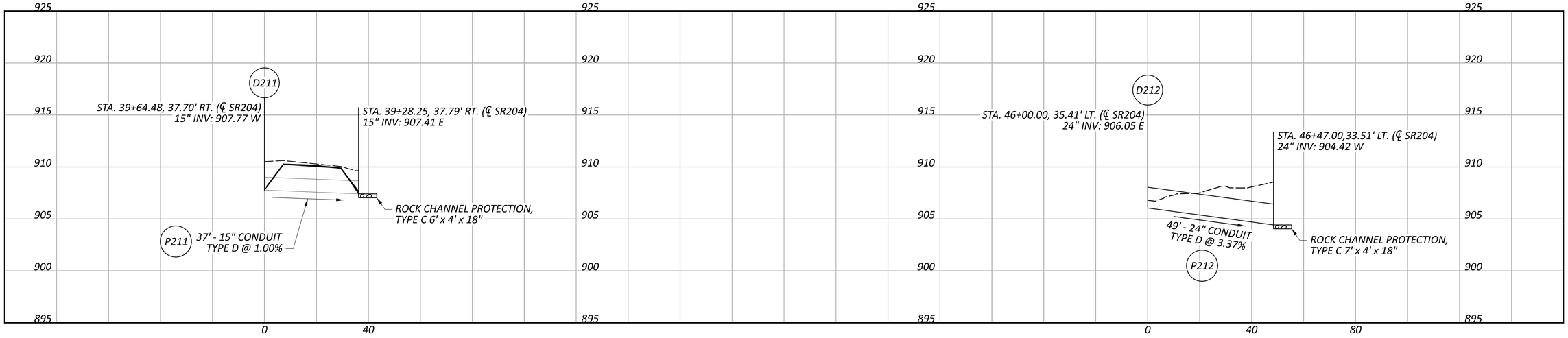

STORM SEWER PROFILES
SR 204

FAI/LIC-IR 70-0.00/0.00

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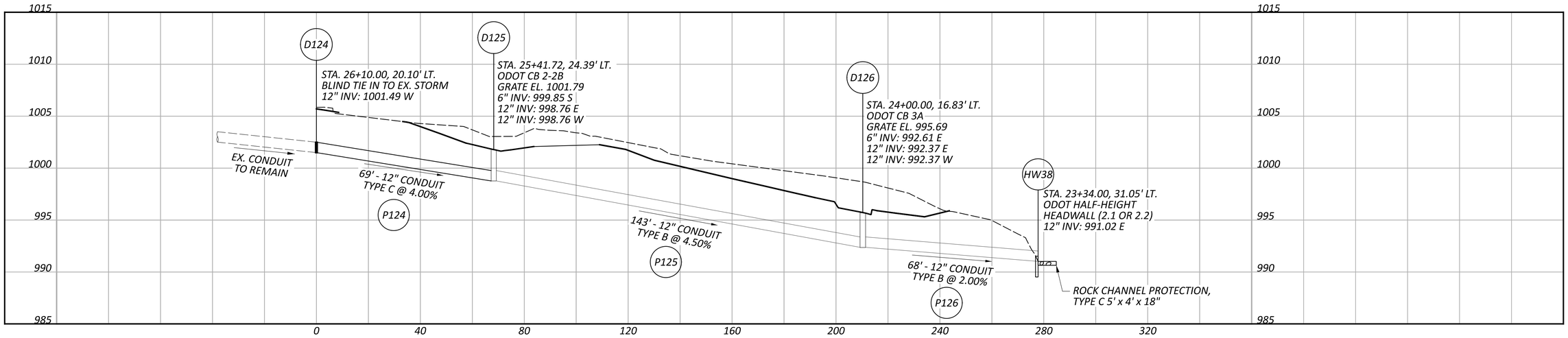
DESIGN AGENCY
CARPENTER MARTY transportation

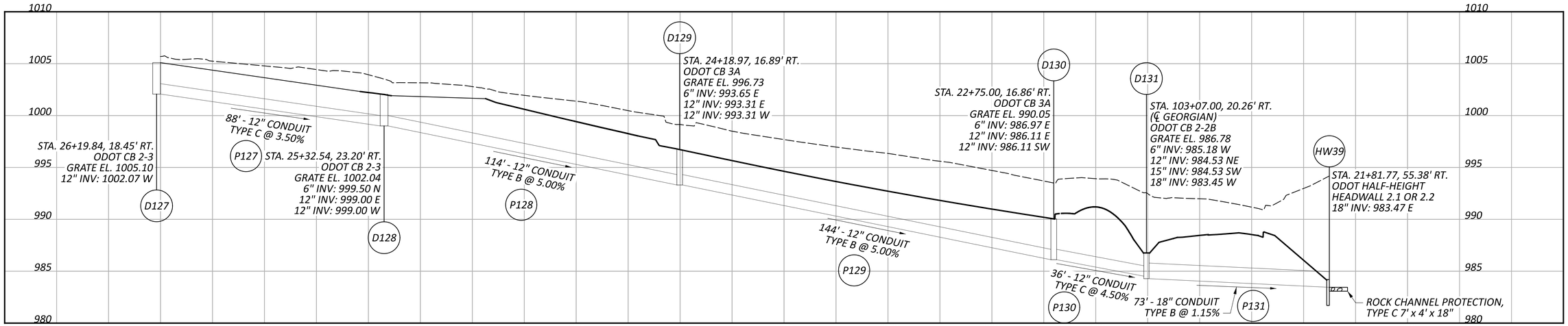
DESIGNER
CEF

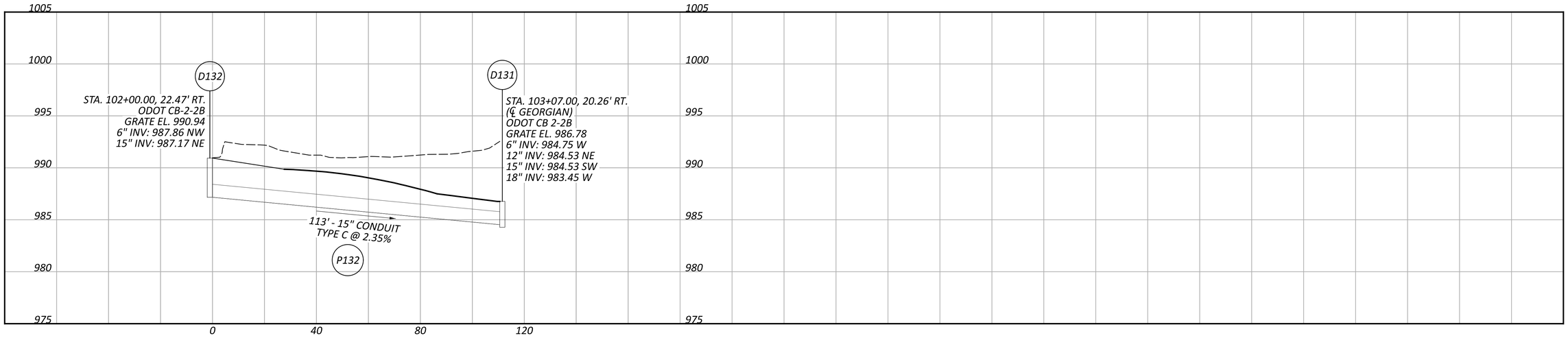
REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1117 TOTAL P.2024







STORM SEWER PROFILES
PALMER ROAD AND GEORGIAN ROAD

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1118 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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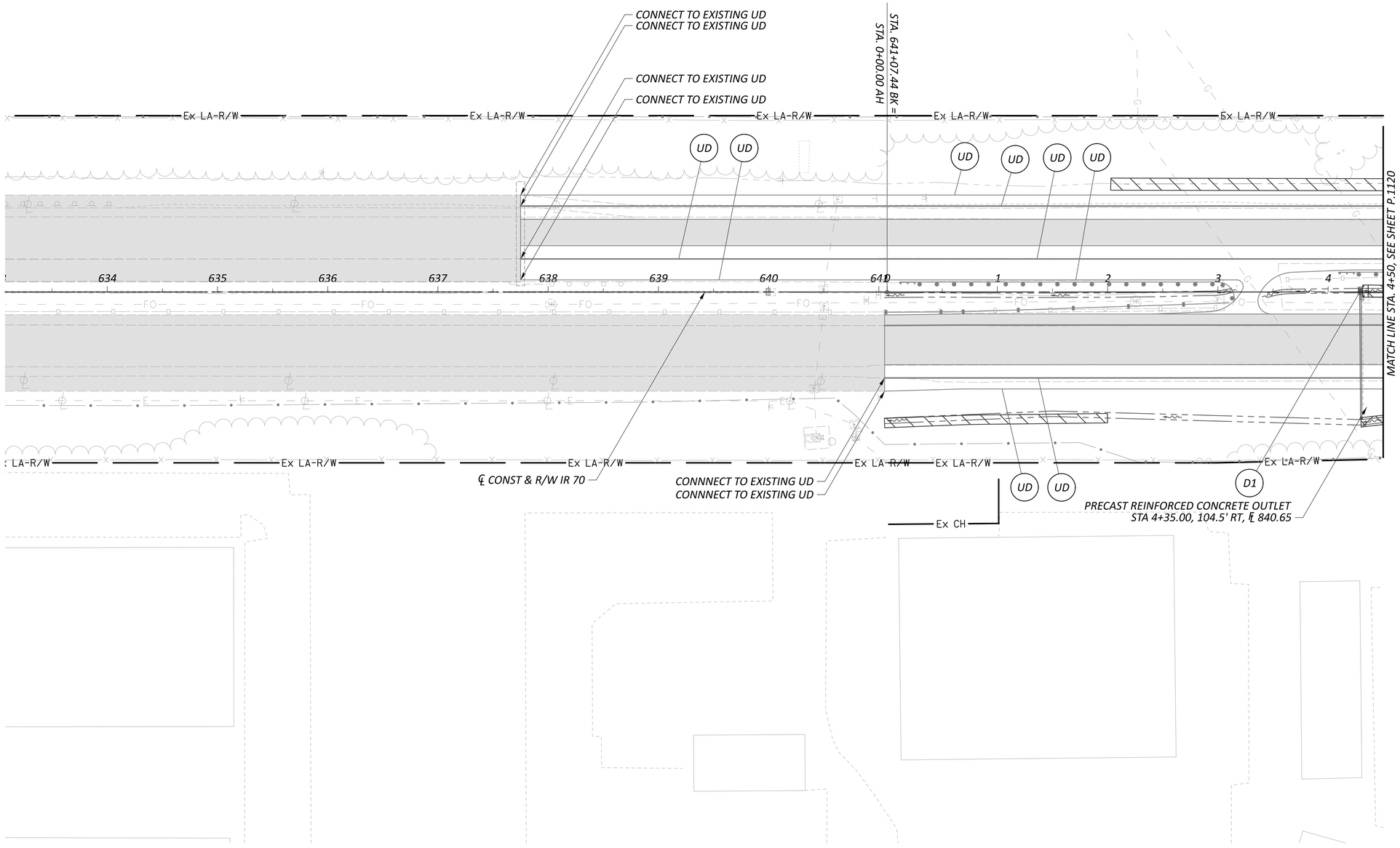

HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 633+07.44 TO STA 4+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1119
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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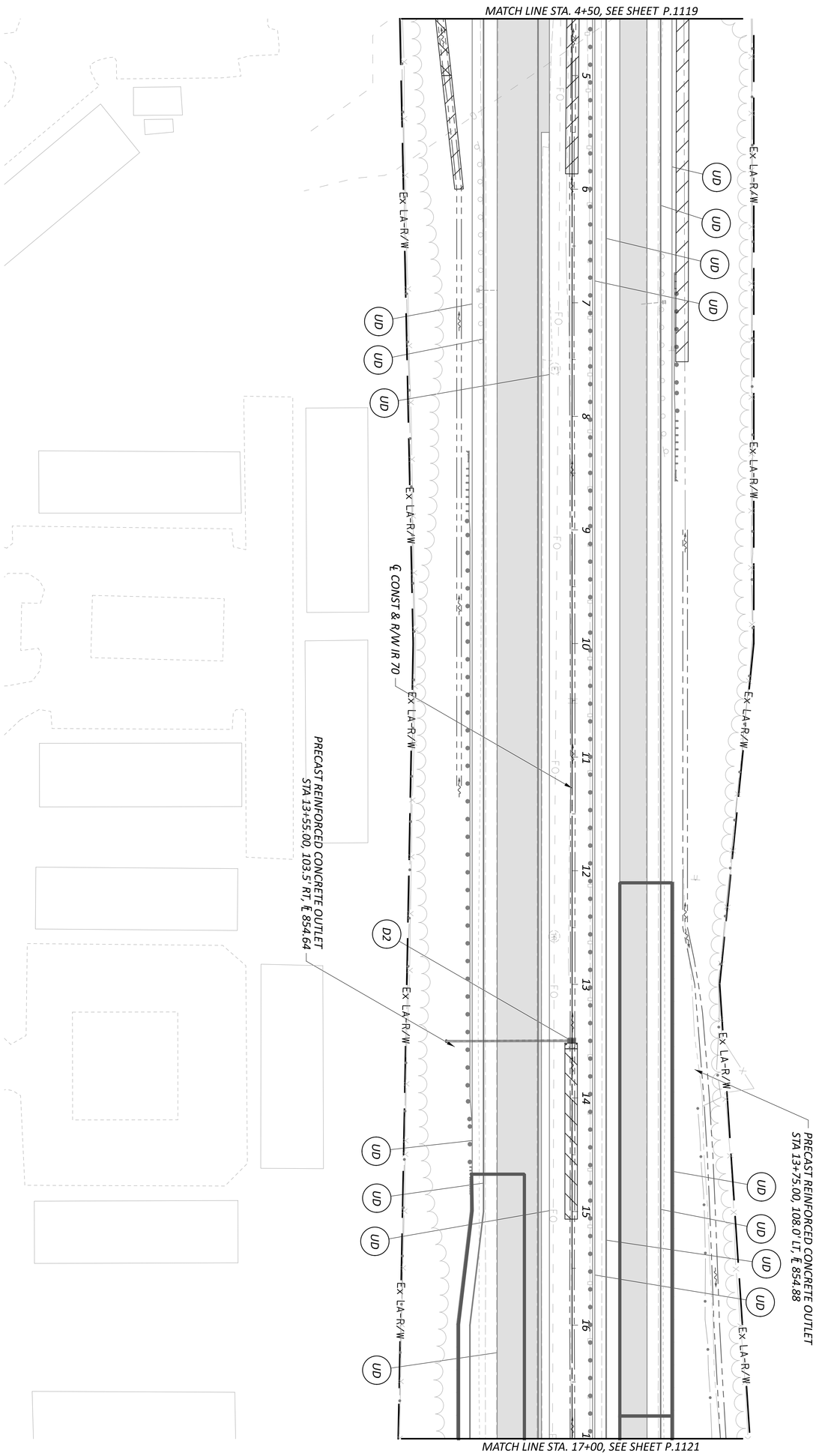

SHEET P.1120 TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - IR 70 STA 4+50.00 TO STA 17+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100

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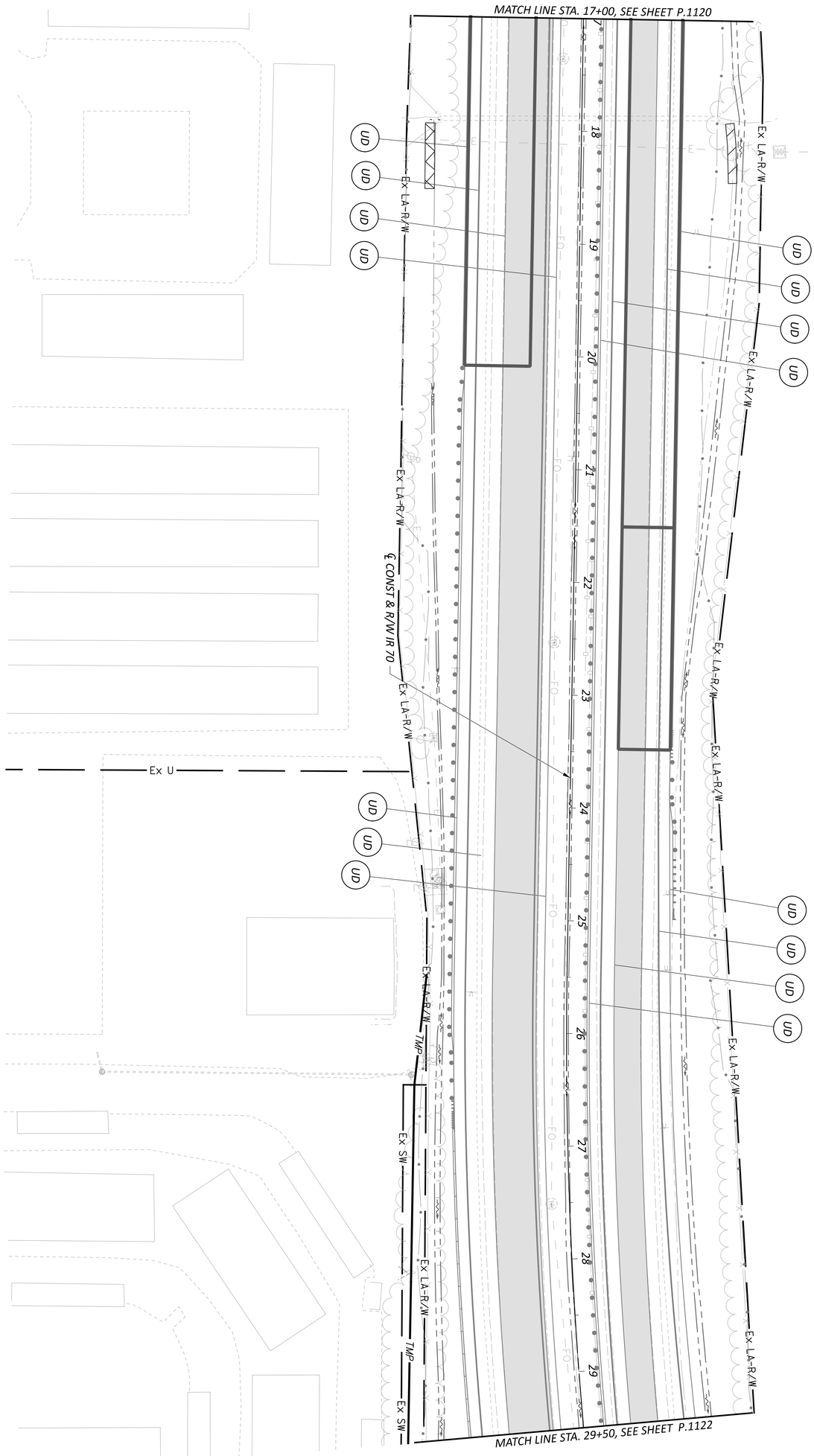

SHEET	TOTAL
P.1121	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - IR 70
STA 17+00.00 TO STA 29+50.00

HORIZONTAL SCALE IN FEET

0 50
25 100

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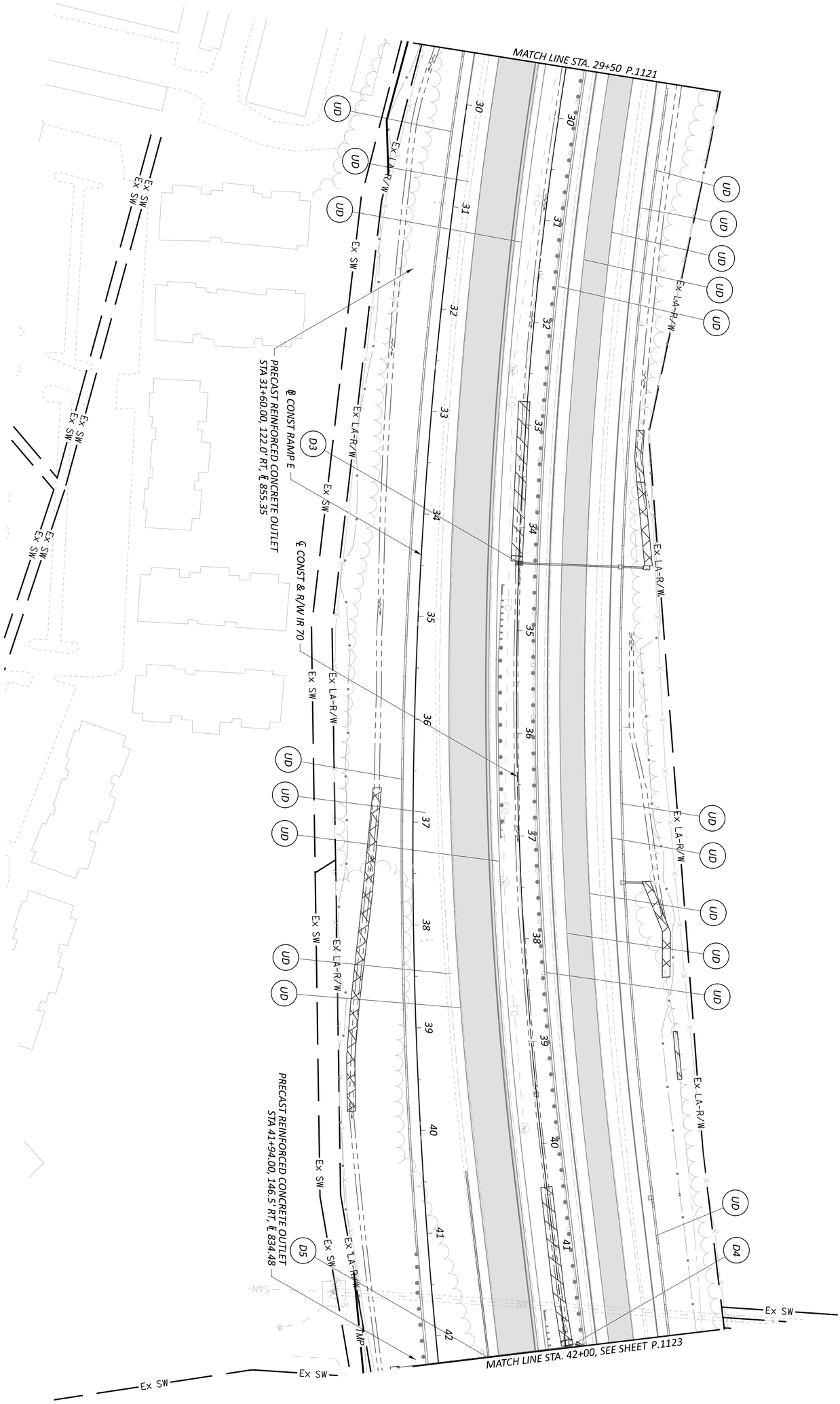
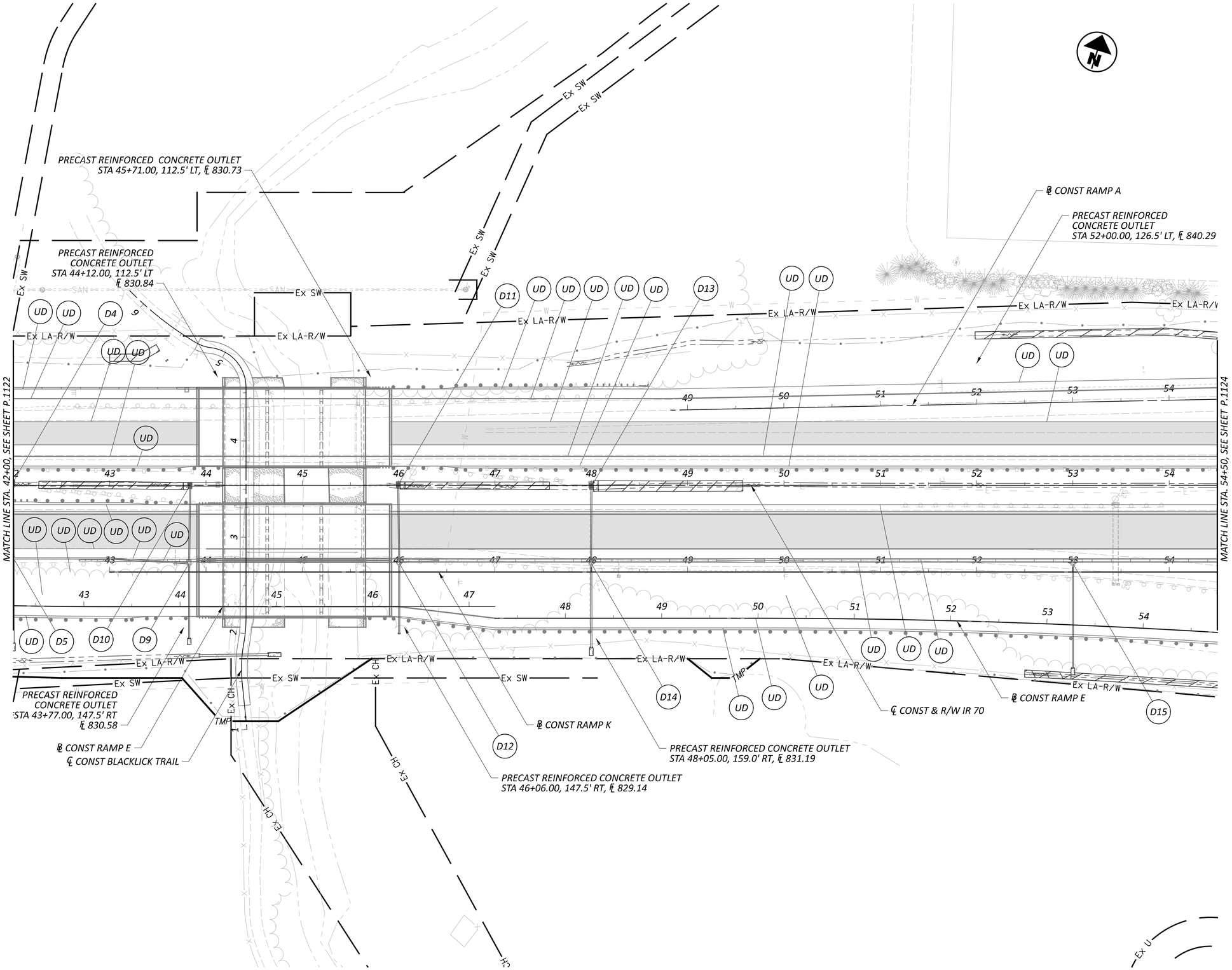


SHEET P.1122 TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - IR 70 STA 29+50.00 TO STA 42+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 42+00.00 TO STA 54+50.00

FAI/LIC-IR 70-0.00/0.00

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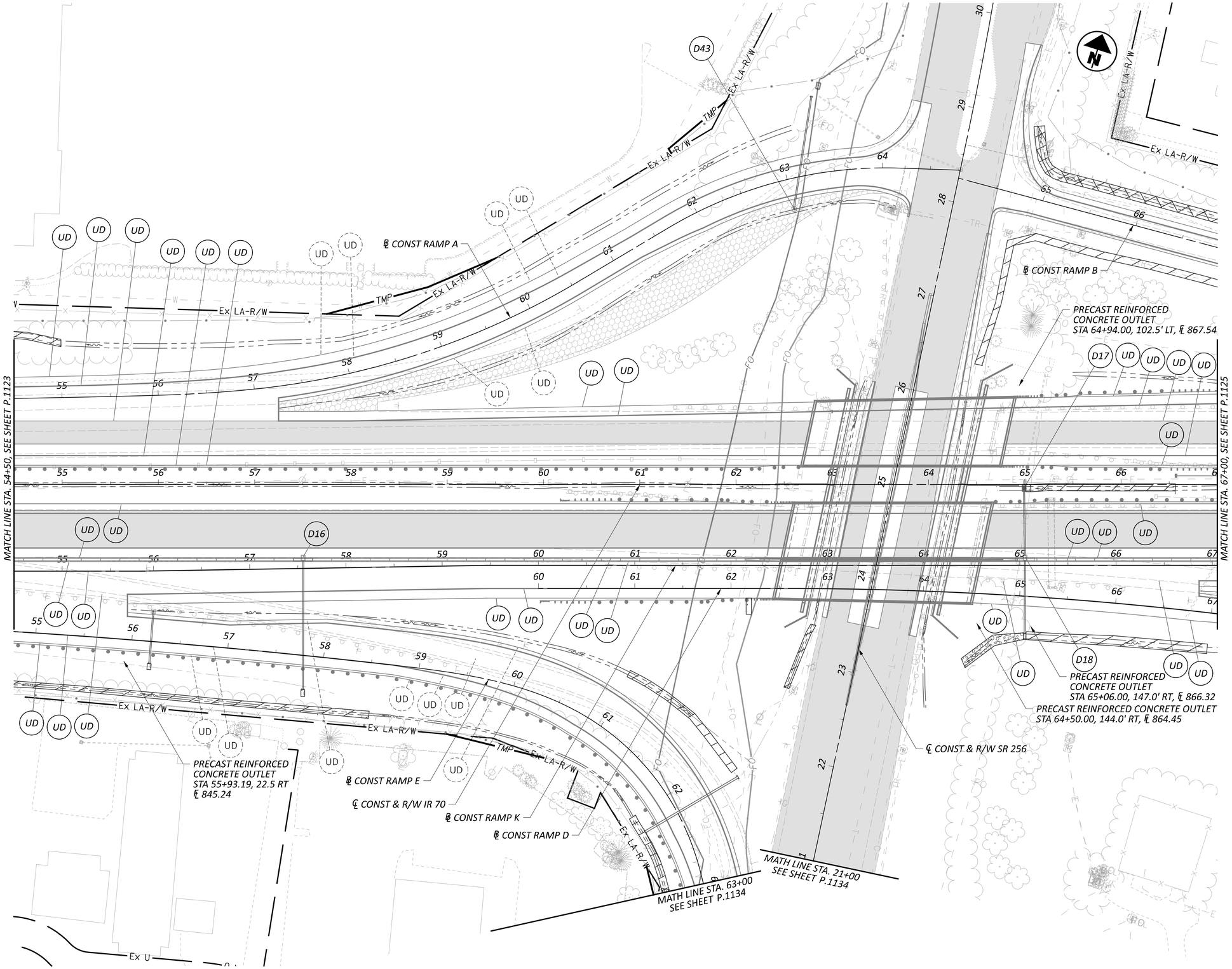
DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1123 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 54+50.00 TO STA 67+00.00

FAI/LIC-IR 70-0.00/0.00

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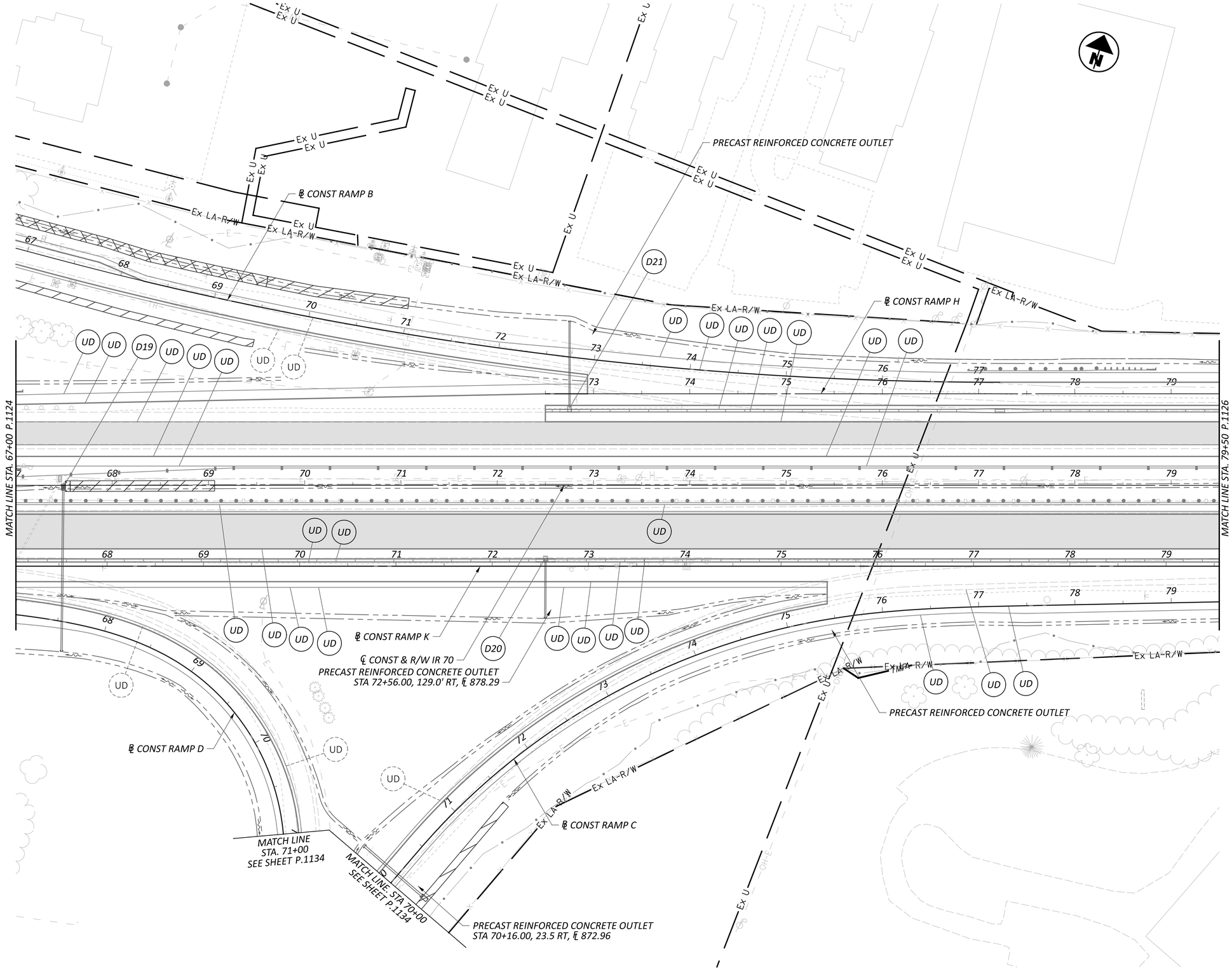
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1124
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 67+00.00 TO STA 79+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1125
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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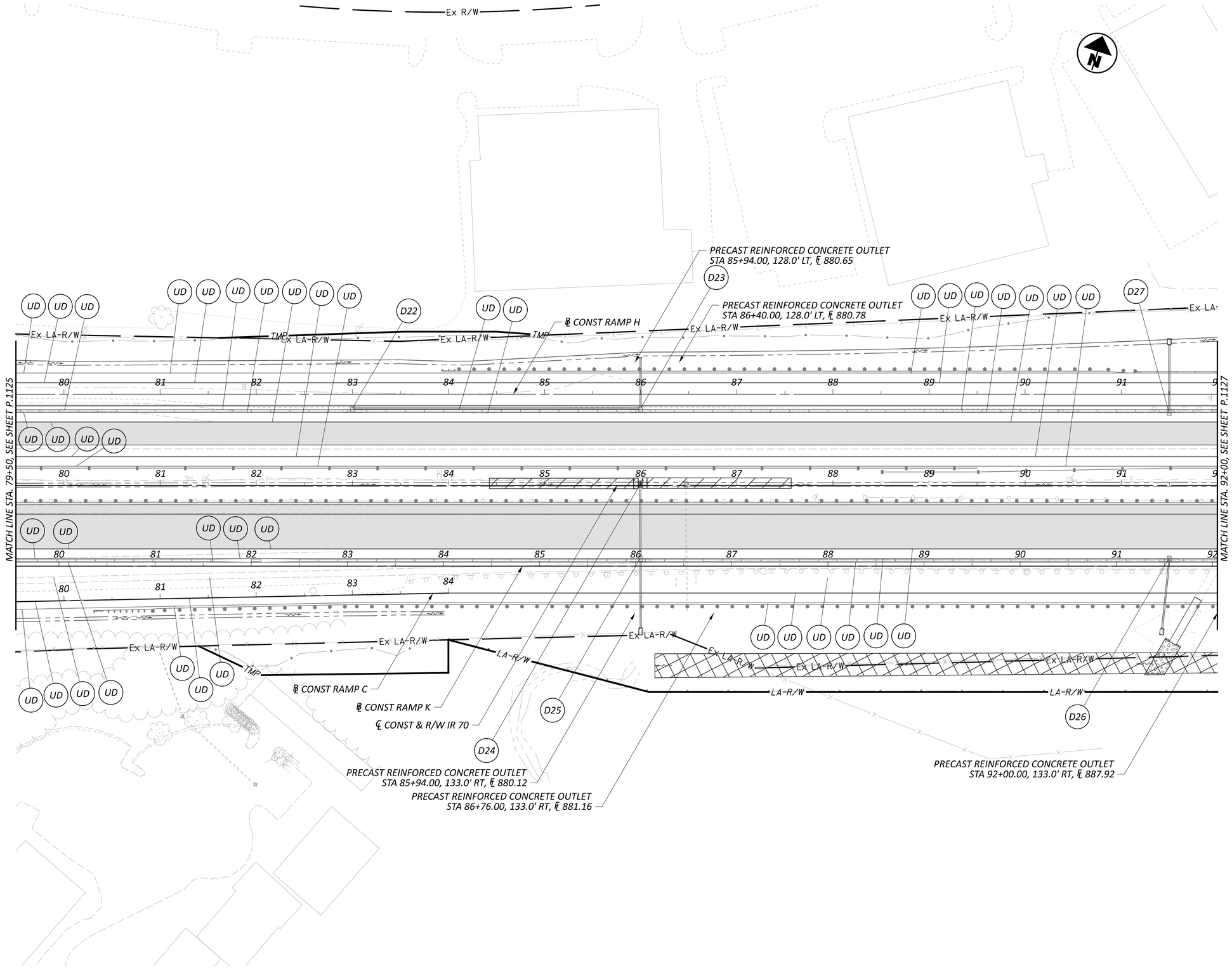

HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 79+50.00 TO STA 92+00.00

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1126
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70
STA 92+00.00 TO STA 104+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1127
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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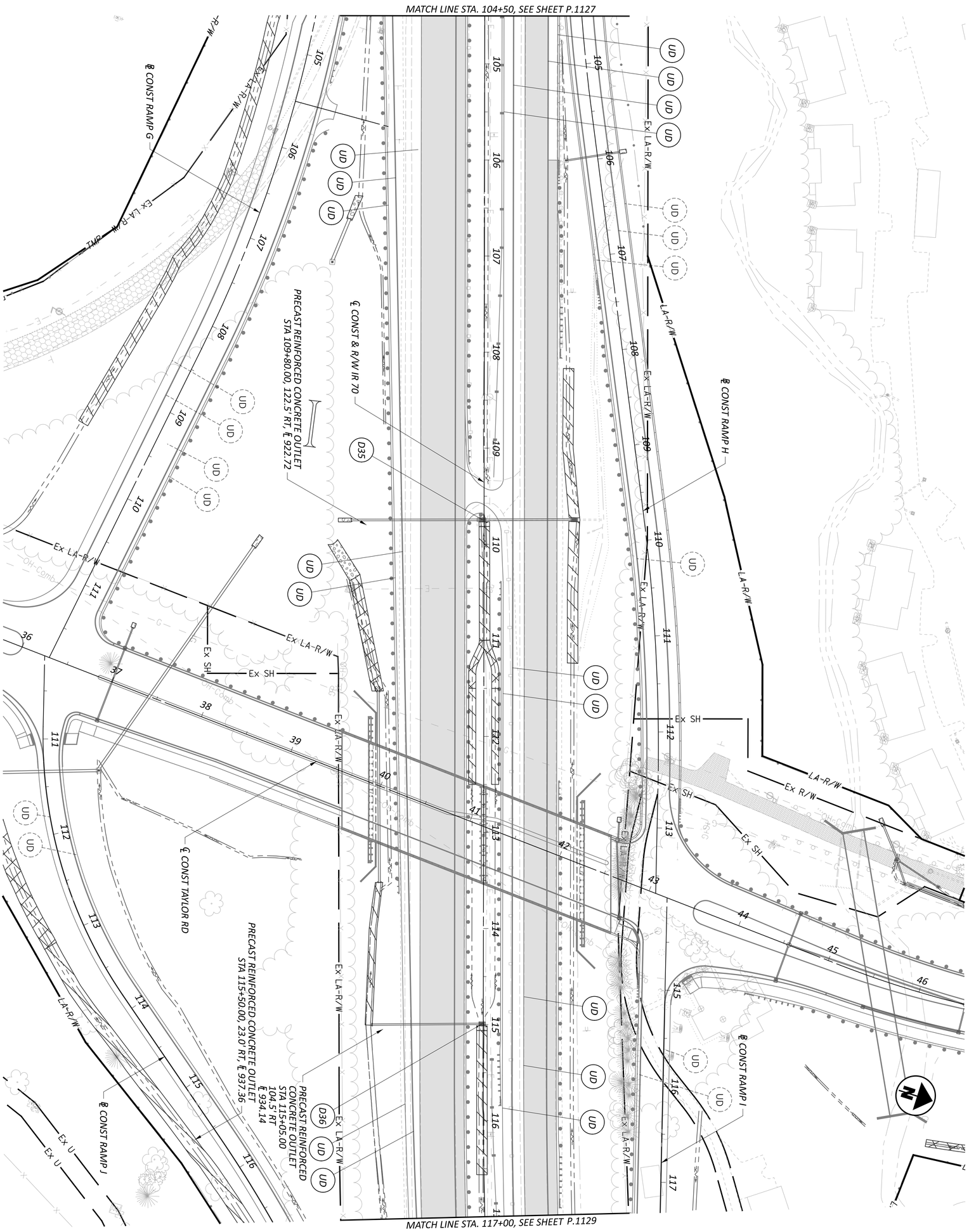

UNDERDRAIN DETAILS - IR 70
STA 104+50.00 TO STA 117+00.00

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1128	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

HORIZONTAL SCALE IN FEET
0 50
25 100

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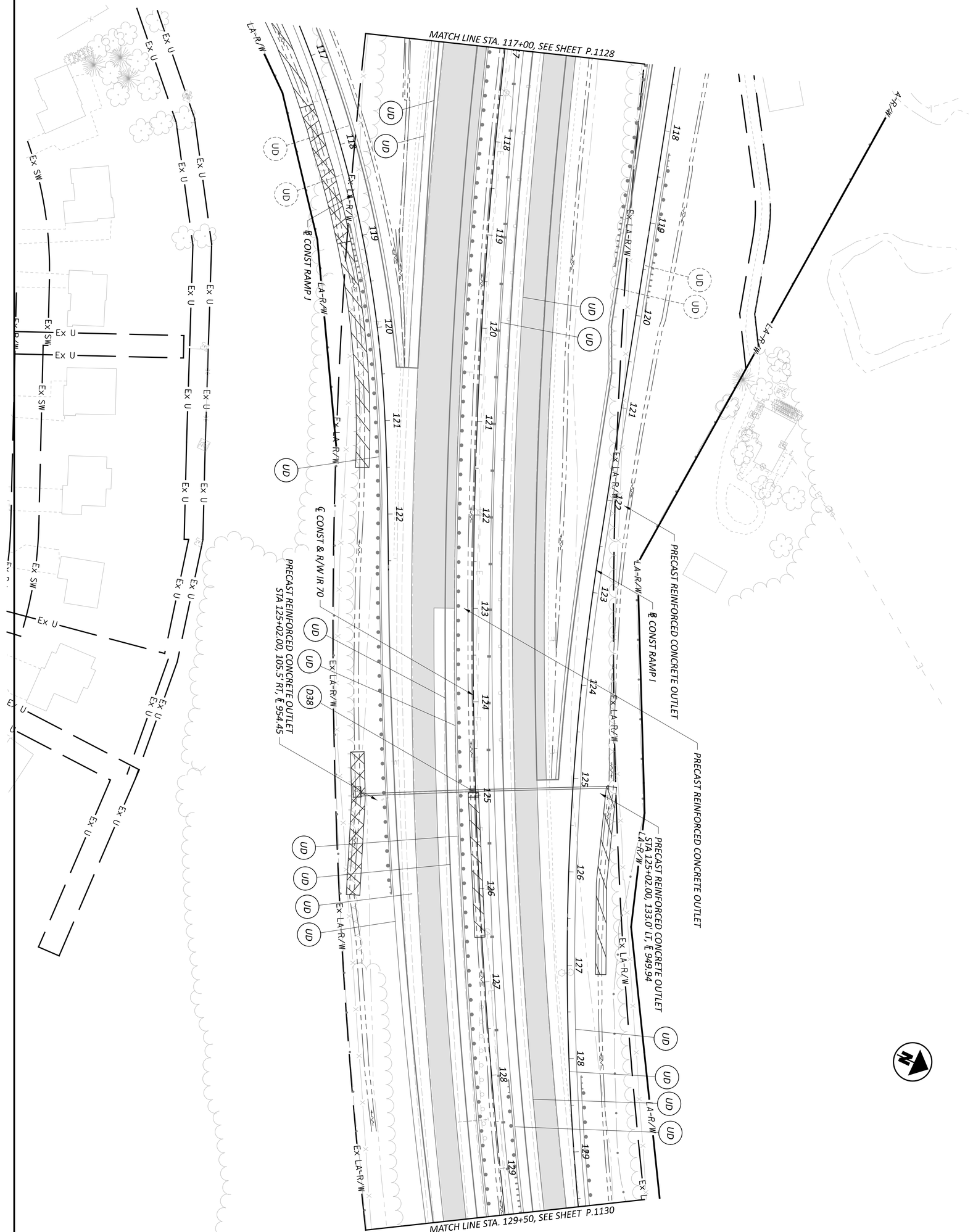

UNDERDRAIN DETAILS - IR 70
STA 117+00.00 TO STA 129+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1129	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: DP155 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:06 PM USER: brieder
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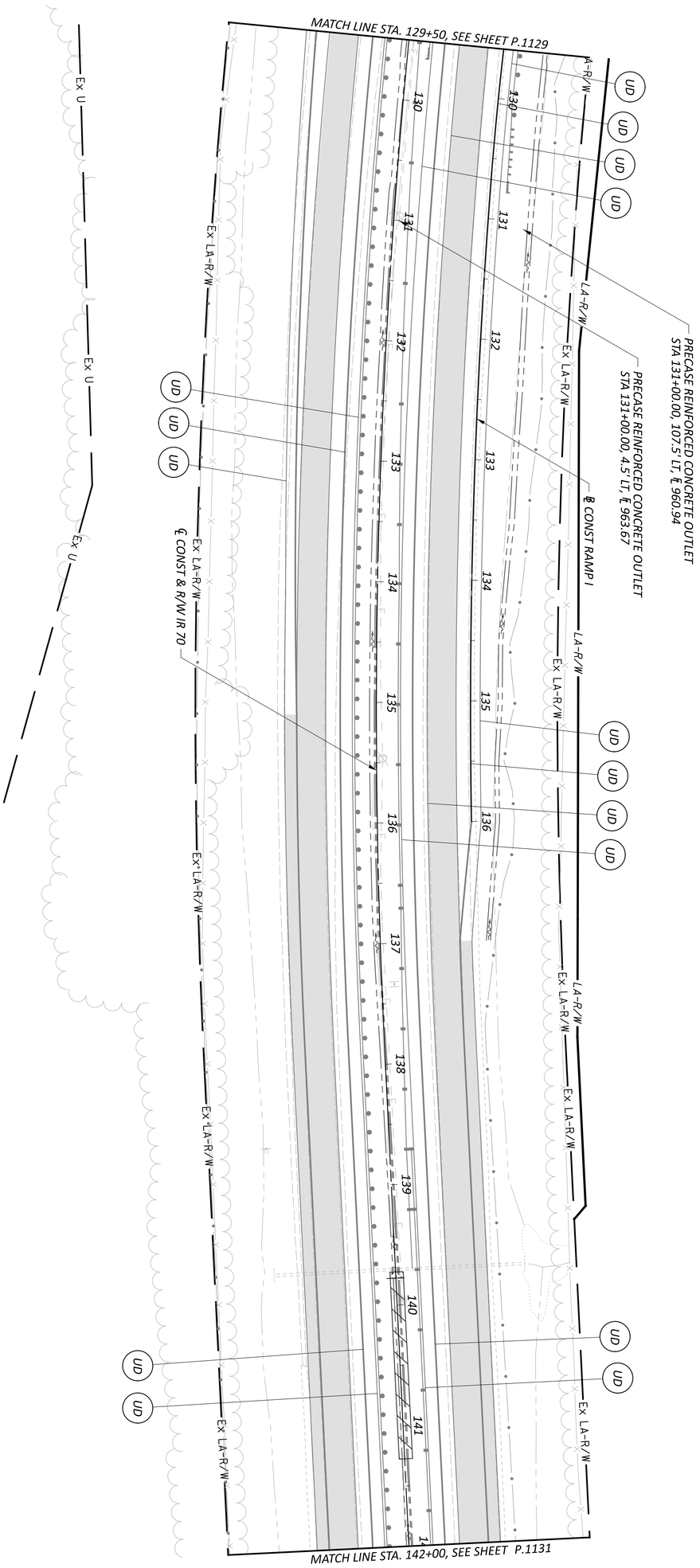

UNDERDRAIN DETAILS - IR 70
STA 129+50.00 TO STA 142+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1130	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

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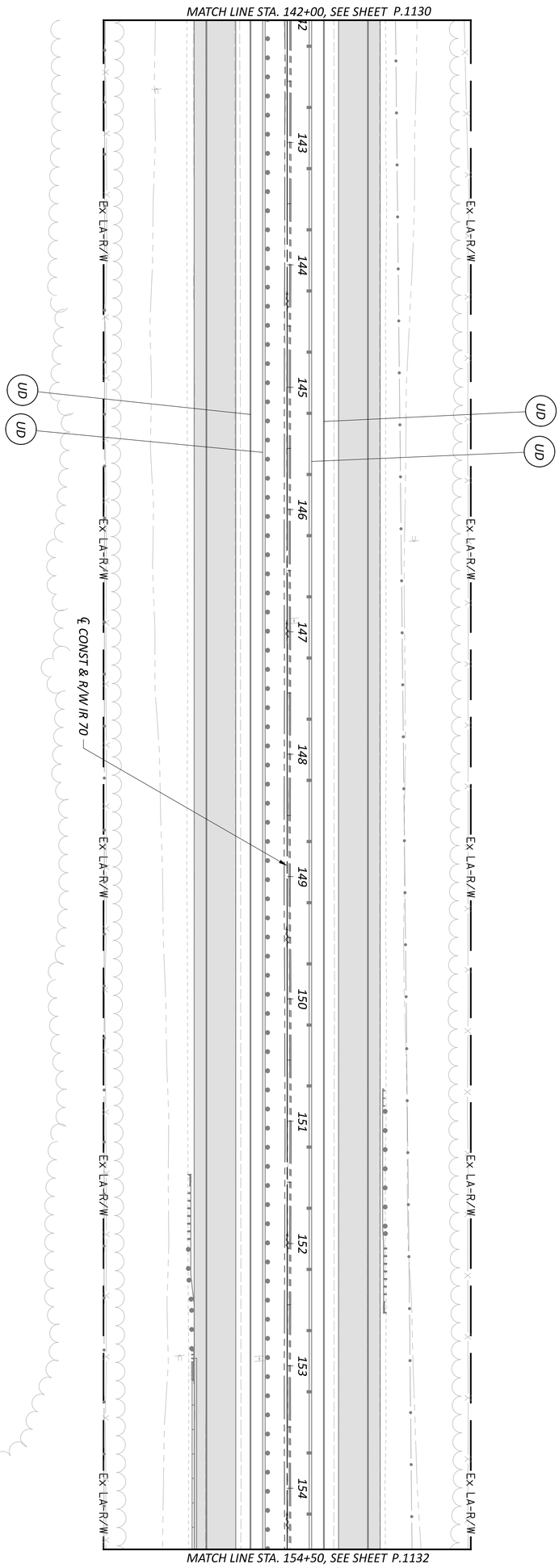

UNDERDRAIN DETAILS - IR 70
STA 142+00.00 TO STA 154+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1131	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: DP157 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:08 PM USER: brieder
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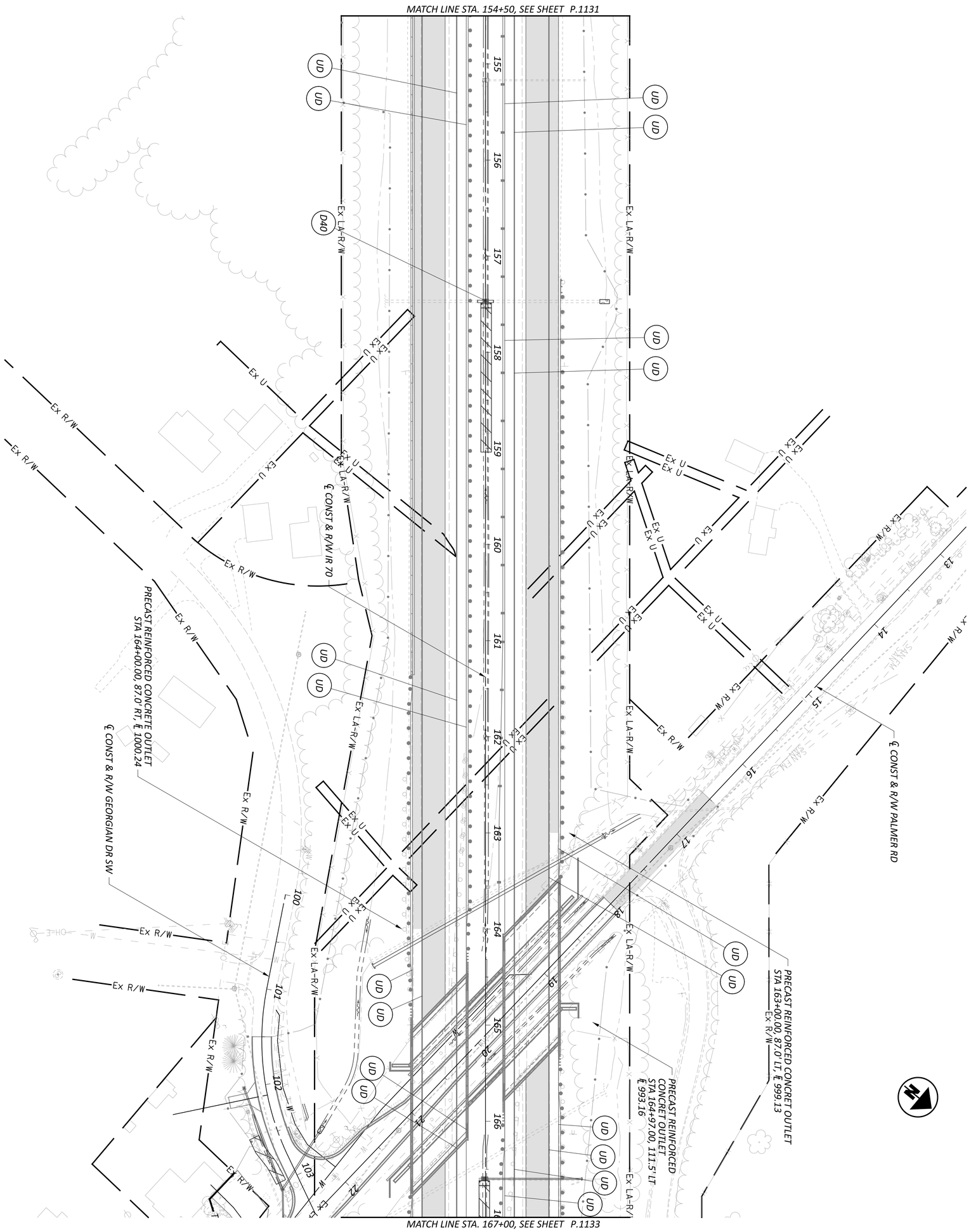

UNDERDRAIN DETAILS - IR 70
STA 154+50.00 TO STA 167+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100

SHEET	TOTAL
P.1132	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: DP158 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:10 PM USER: brieder
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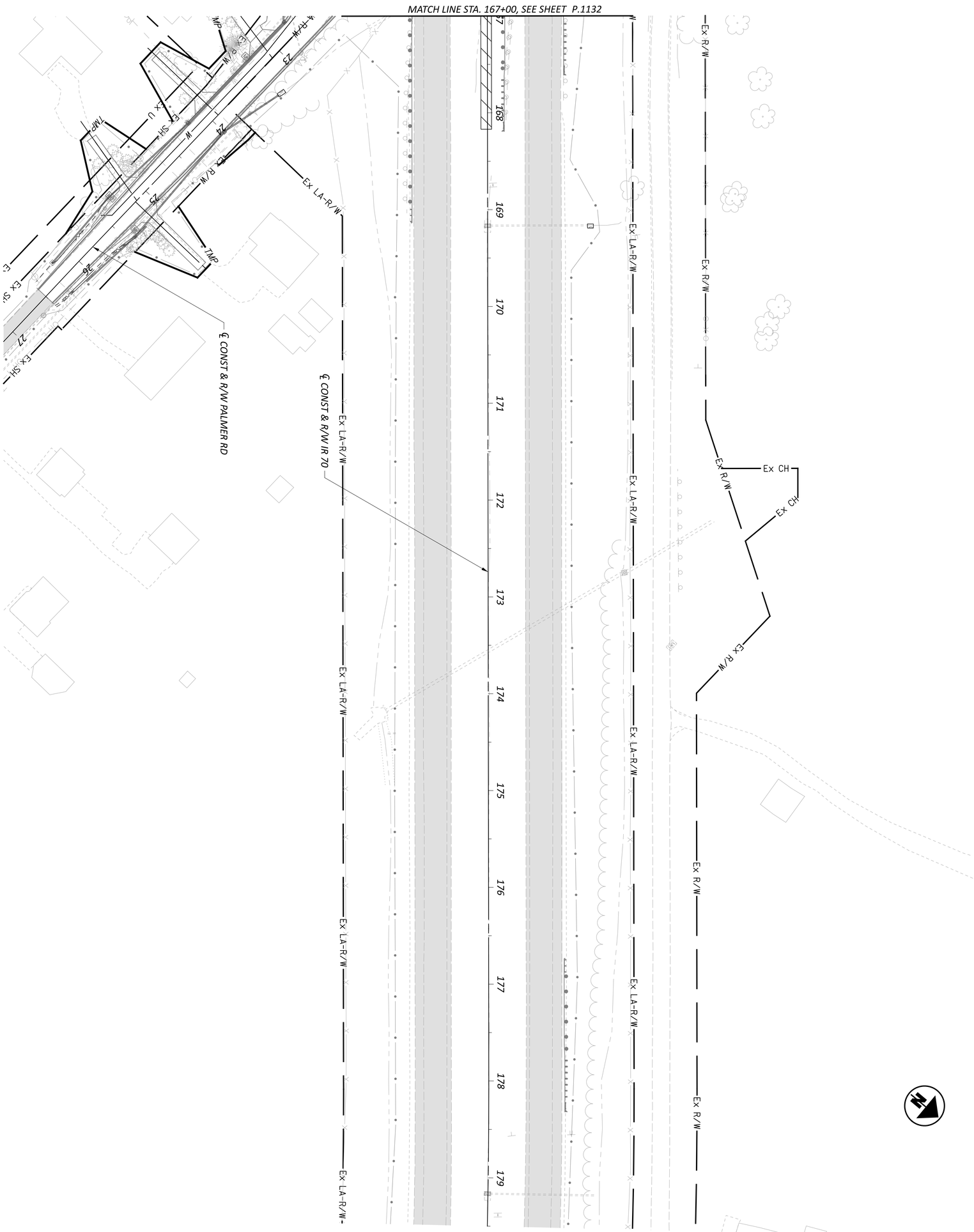
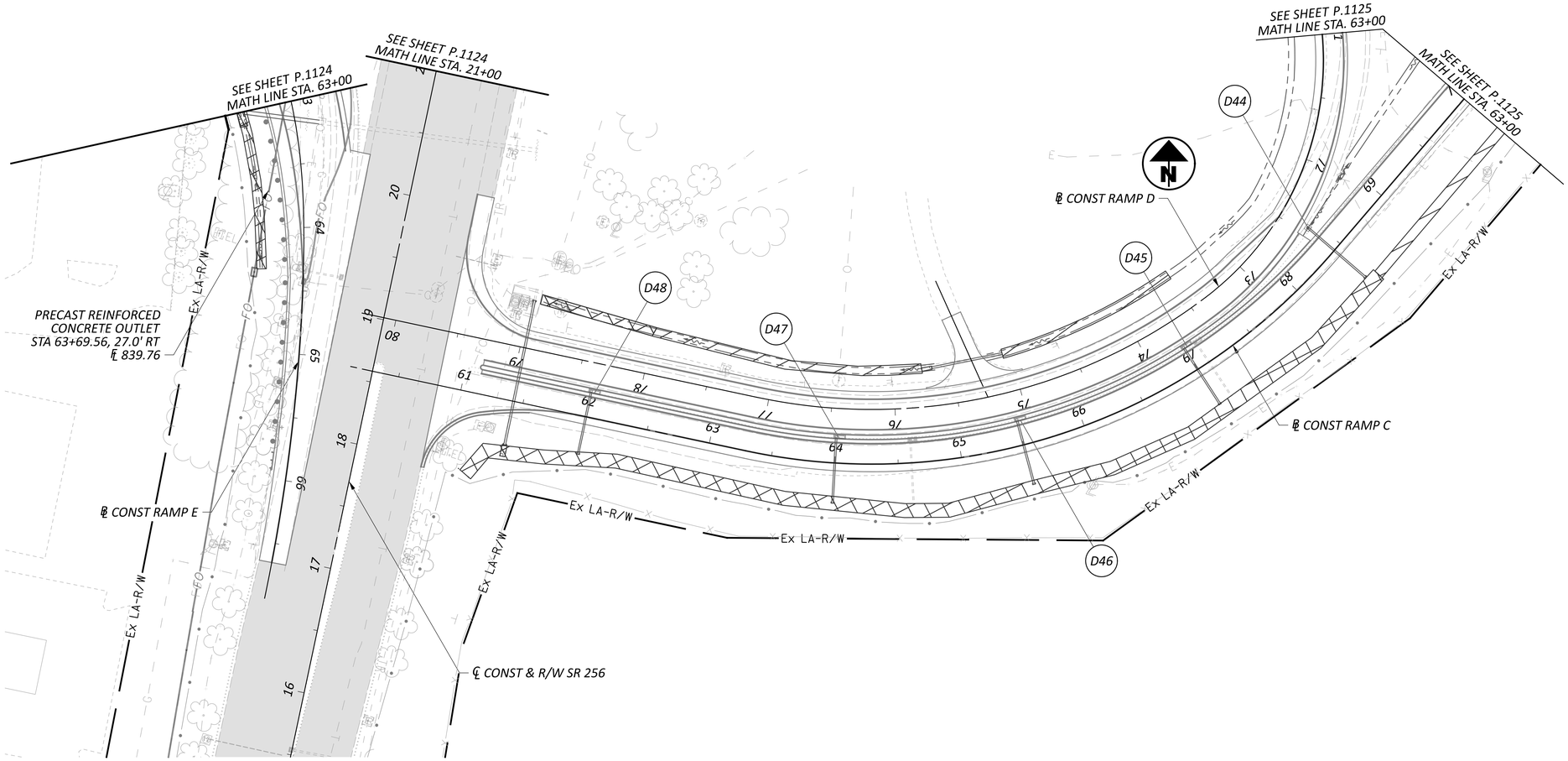


UNDERDRAIN DETAILS - IR 70
STA 167+00.00 TO STA 179+50.00

HORIZONTAL SCALE IN FEET
0 50
25 100

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1133	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



HORIZONTAL
SCALE IN FEET
0 25 50 100

UNDERDRAIN DETAILS - IR 70

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1134 | TOTAL P.2024

MODEL: 256_DP401 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:30 PM USER: brieder
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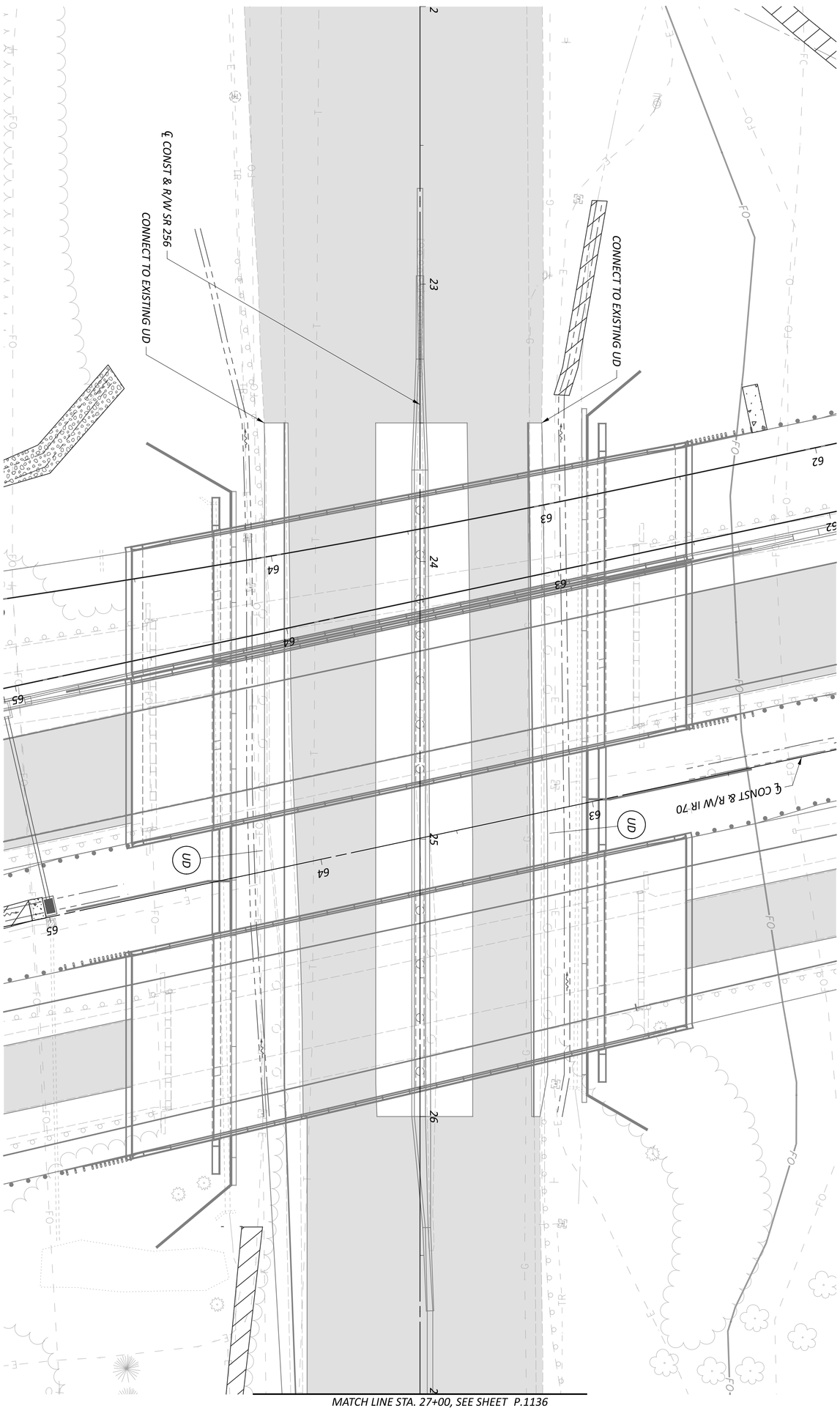

SHEET	TOTAL
P.1135	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - SR 256
STA 22+00.00 TO STA 27+00.00

HORIZONTAL SCALE IN FEET

0 40
20 80

MODEL: 256_DP402 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:33 PM USER: brieder
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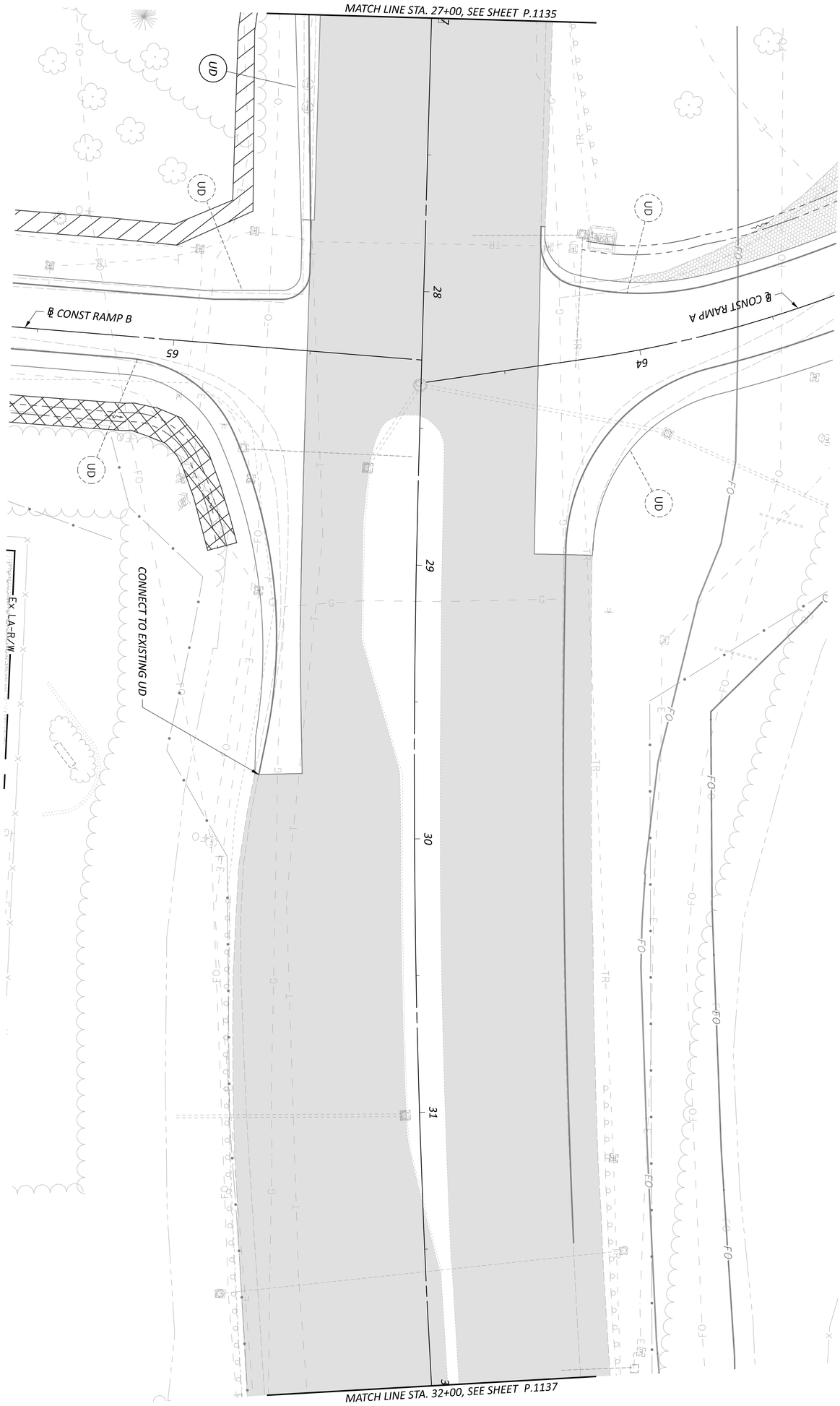

SHEET	TOTAL
P.1136	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - SR 256
STA 27+00.00 TO STA 32+00.00

HORIZONTAL SCALE IN FEET

0 40
20 80

MODEL: 256_DP403 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:34 PM USER: brieder
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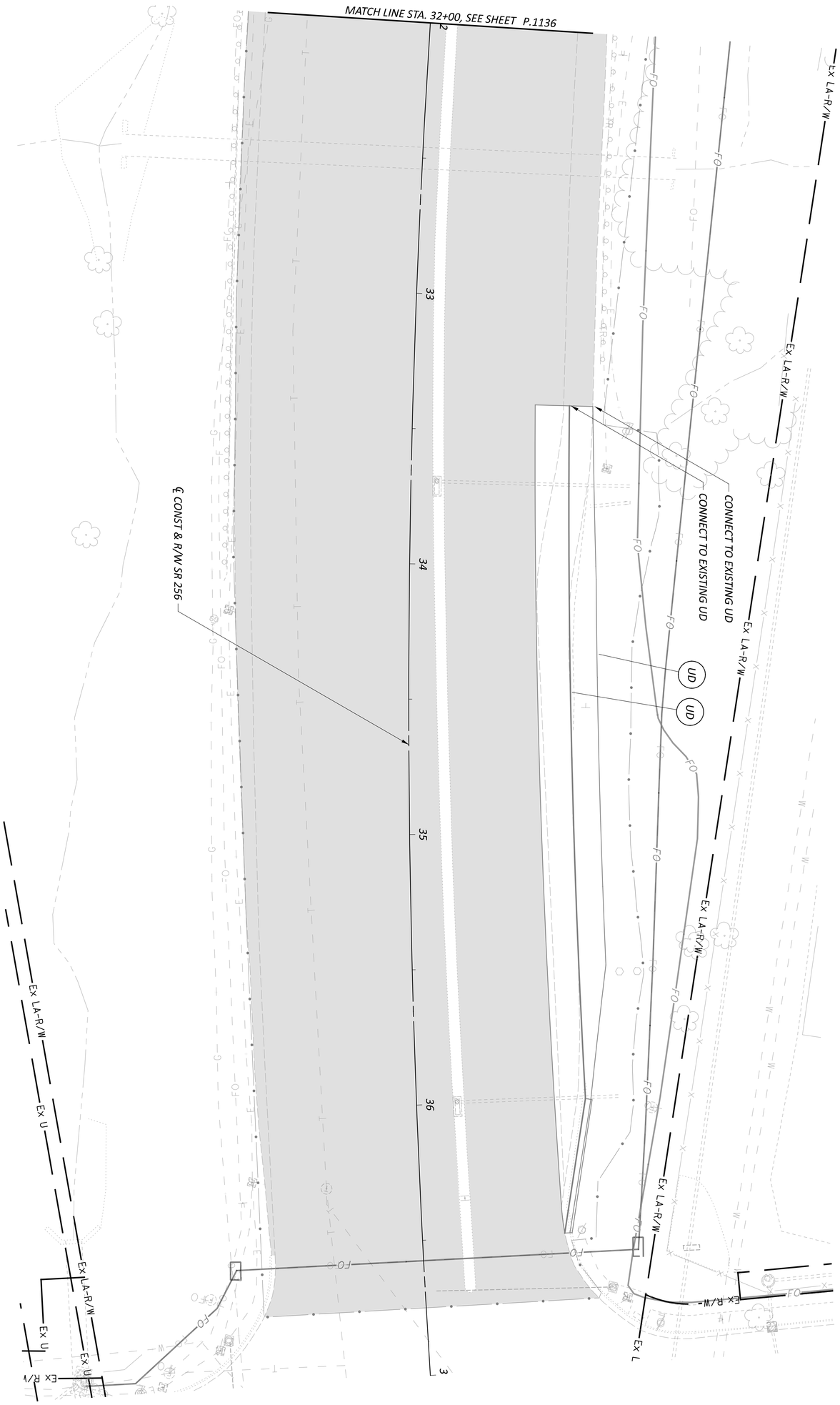

SHEET	TOTAL
P.1137	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - SR 256
STA 32+00.00 TO STA 37+00.00

HORIZONTAL SCALE IN FEET

0 40
20 80

MODEL: Taylor_DP411 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:42 PM USER: brieder
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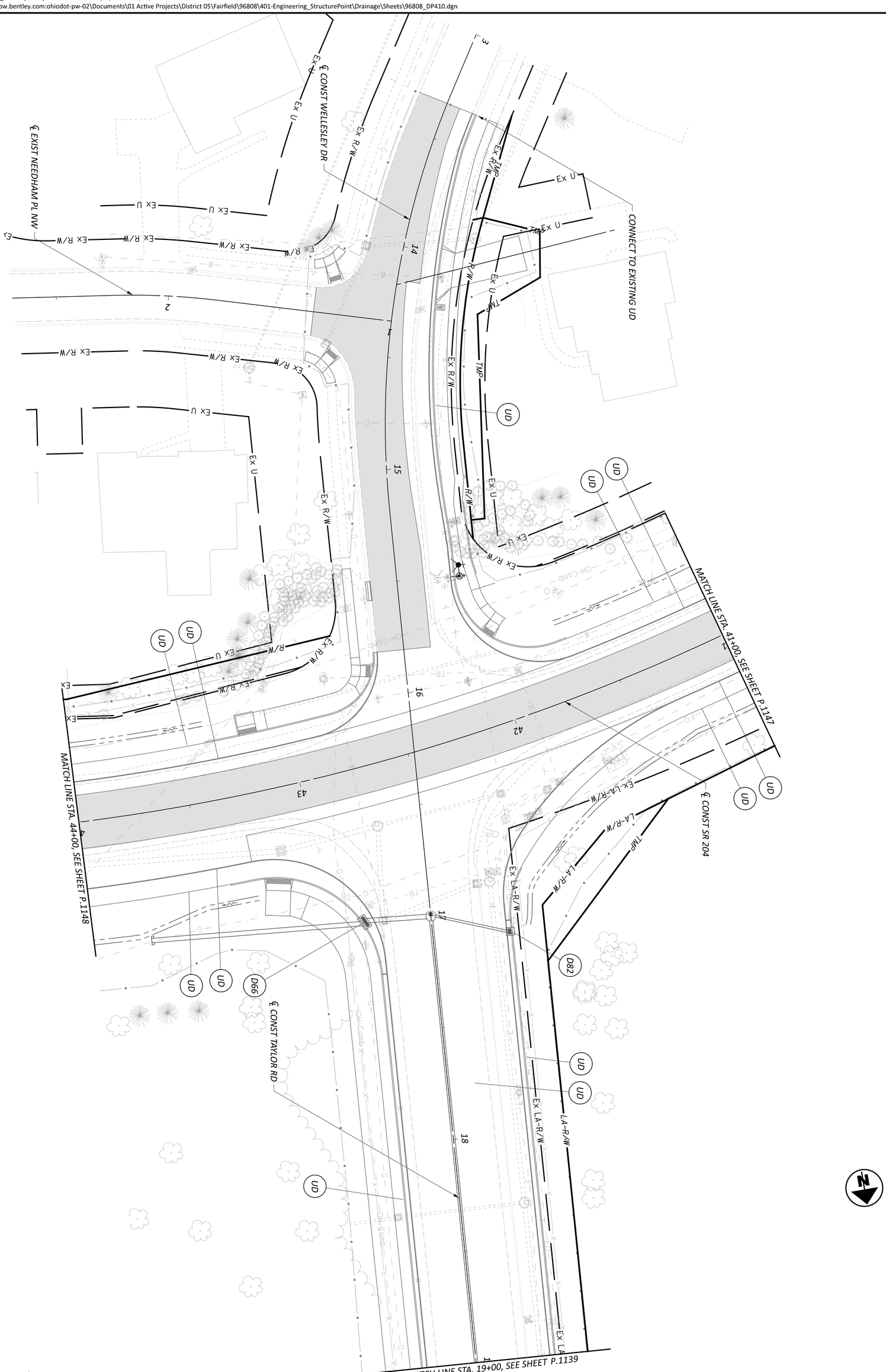

SHEET P.1138 / TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	AMERICAN STRUCTUREPOINT INC.	DESIGN AGENCY

UNDERDRAIN DETAILS - TAYLOR RD
STA 13+00.00 TO STA 19+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP412 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:46 PM USER: brieder
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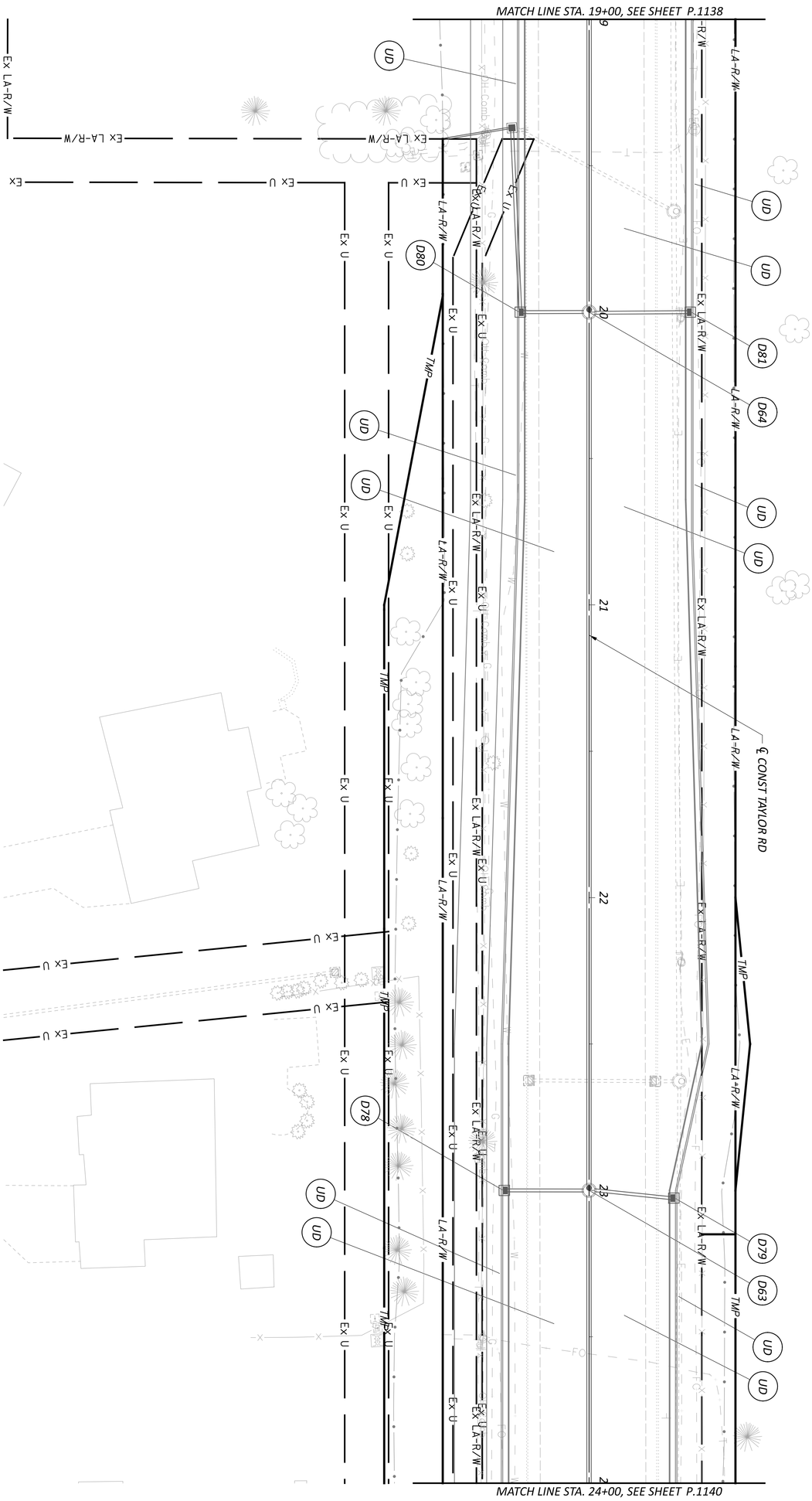

UNDERDRAIN DETAILS - TAYLOR RD
STA 19+00.00 TO STA 24+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1139	P.2024

PROJECT ID: 96808
REVIEWER: KAM 08/07/26
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: Taylor_DP413 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:47 PM USER: brieder
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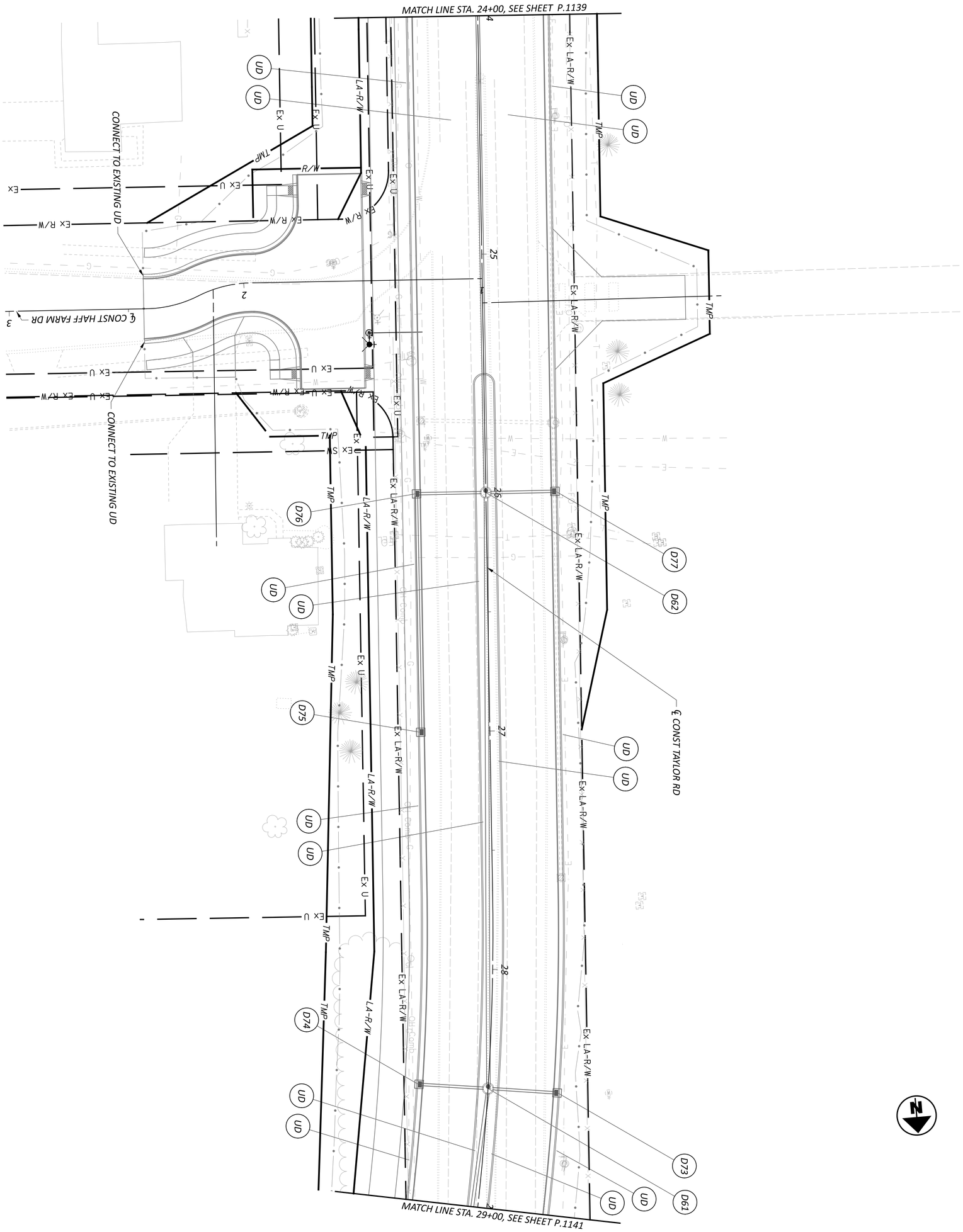

SHEET	TOTAL
P.1140	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 24+00.00 TO STA 29+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40

MODEL: Taylor_DP414 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:48 PM USER: brieder
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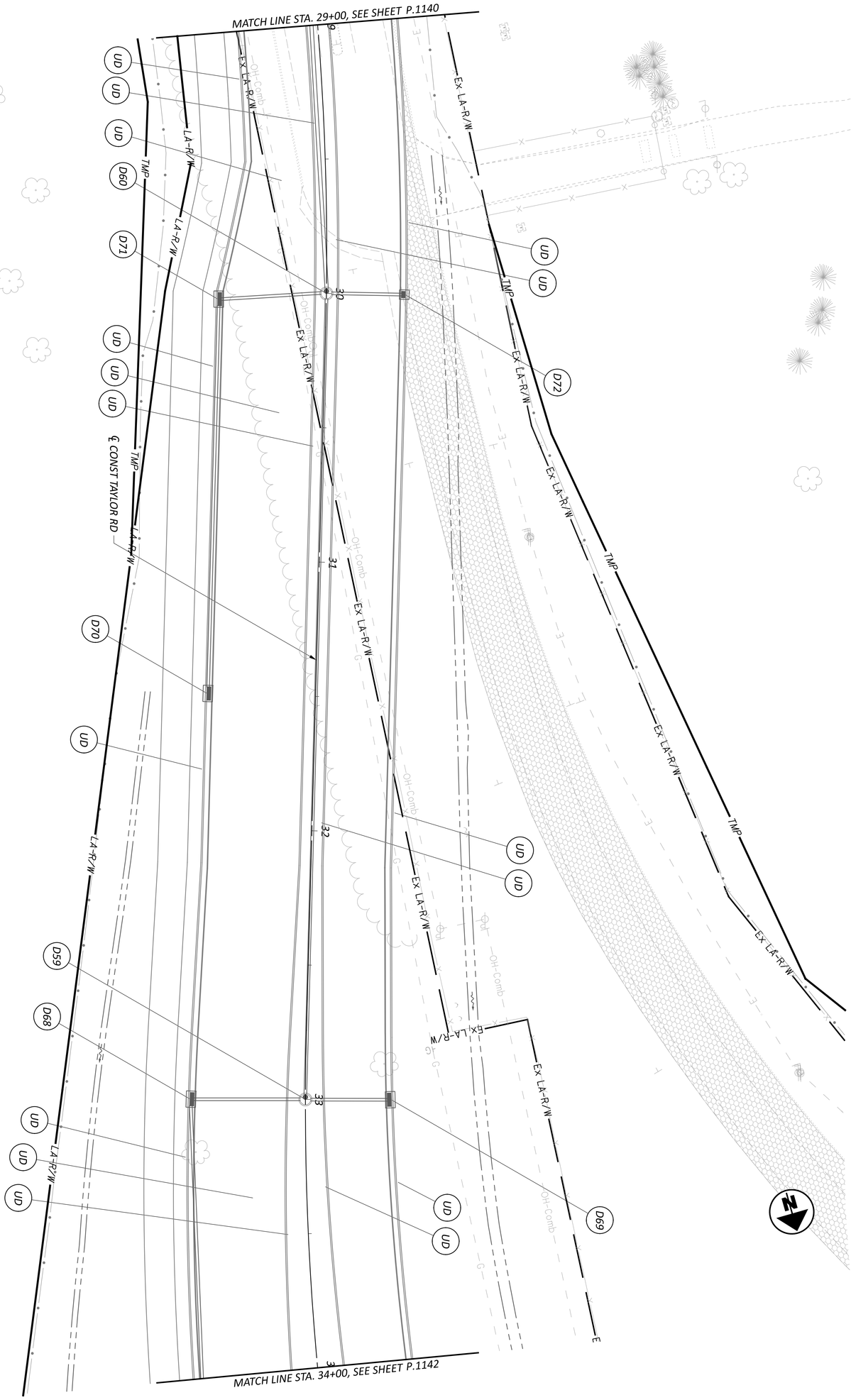

DESIGNER	PROJECT ID	REVIEWER	SHEET	TOTAL
BER	96808	KAM 08/07/26	P.1141	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 29+00.00 TO STA 34+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP415 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:49 PM USER: brieder
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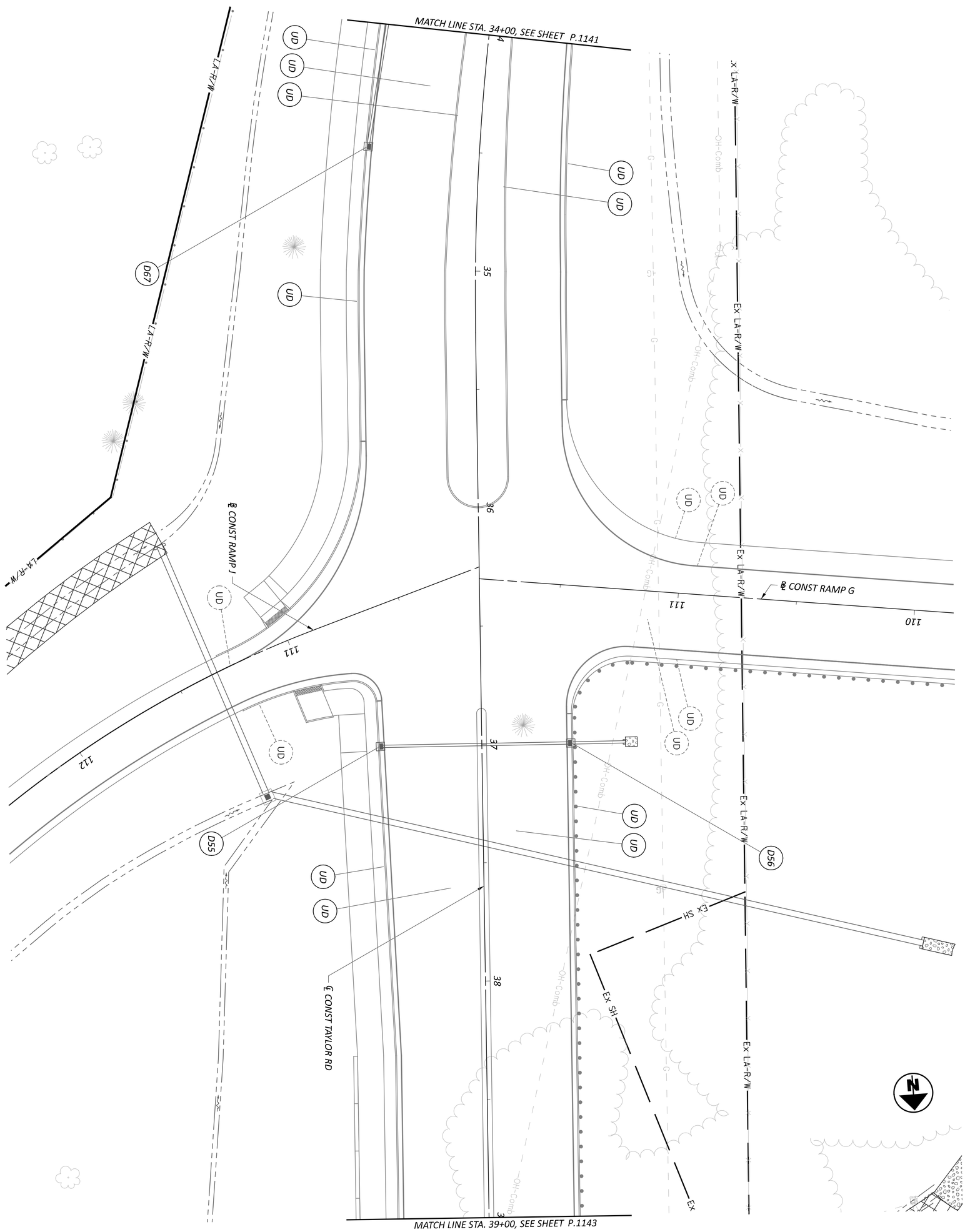

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1142	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 34+00.00 TO STA 39+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP416 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:50 PM USER: brieder
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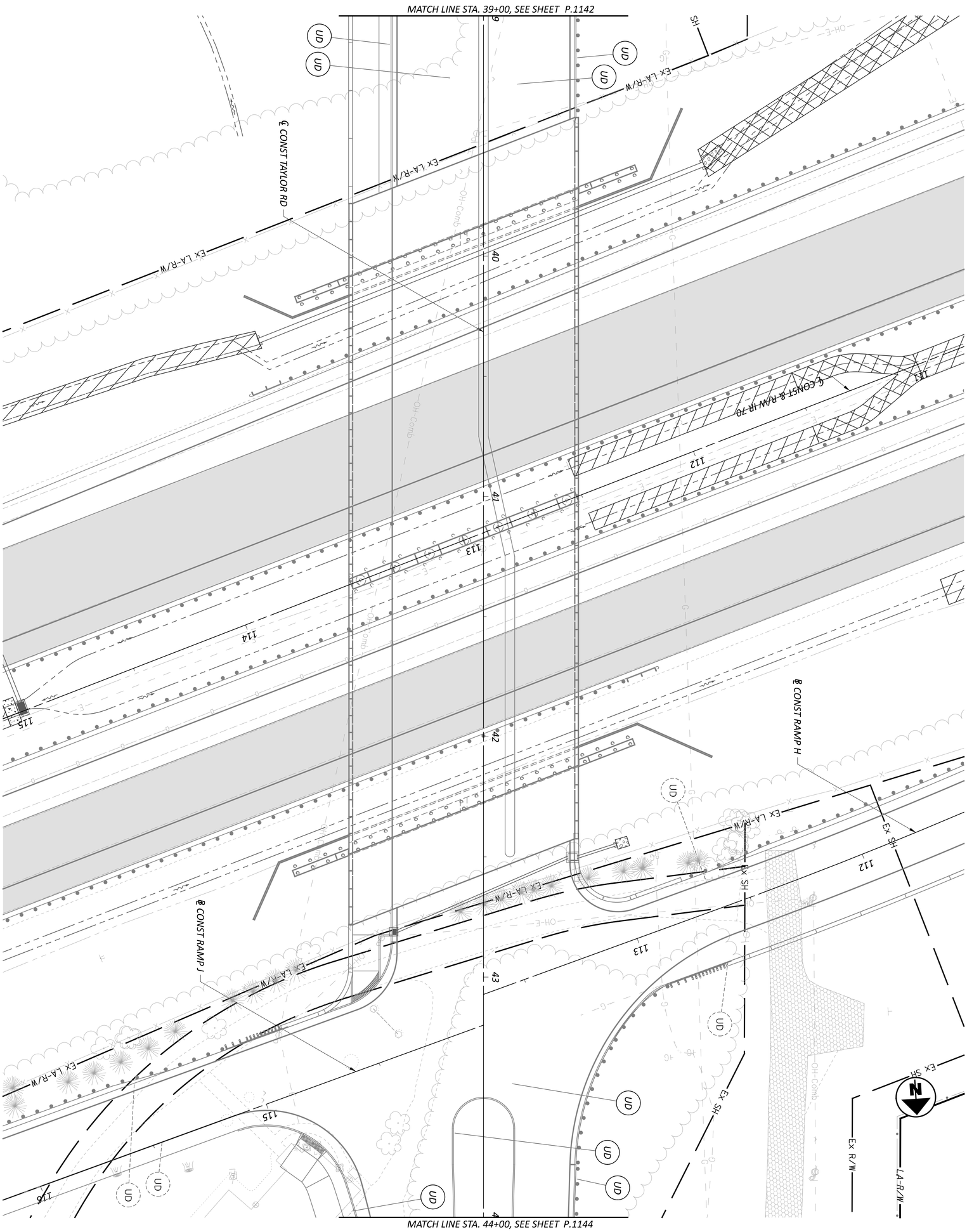

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1143	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 39+00.00 TO STA 44+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Taylor_DP417 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:51 PM USER: brieder
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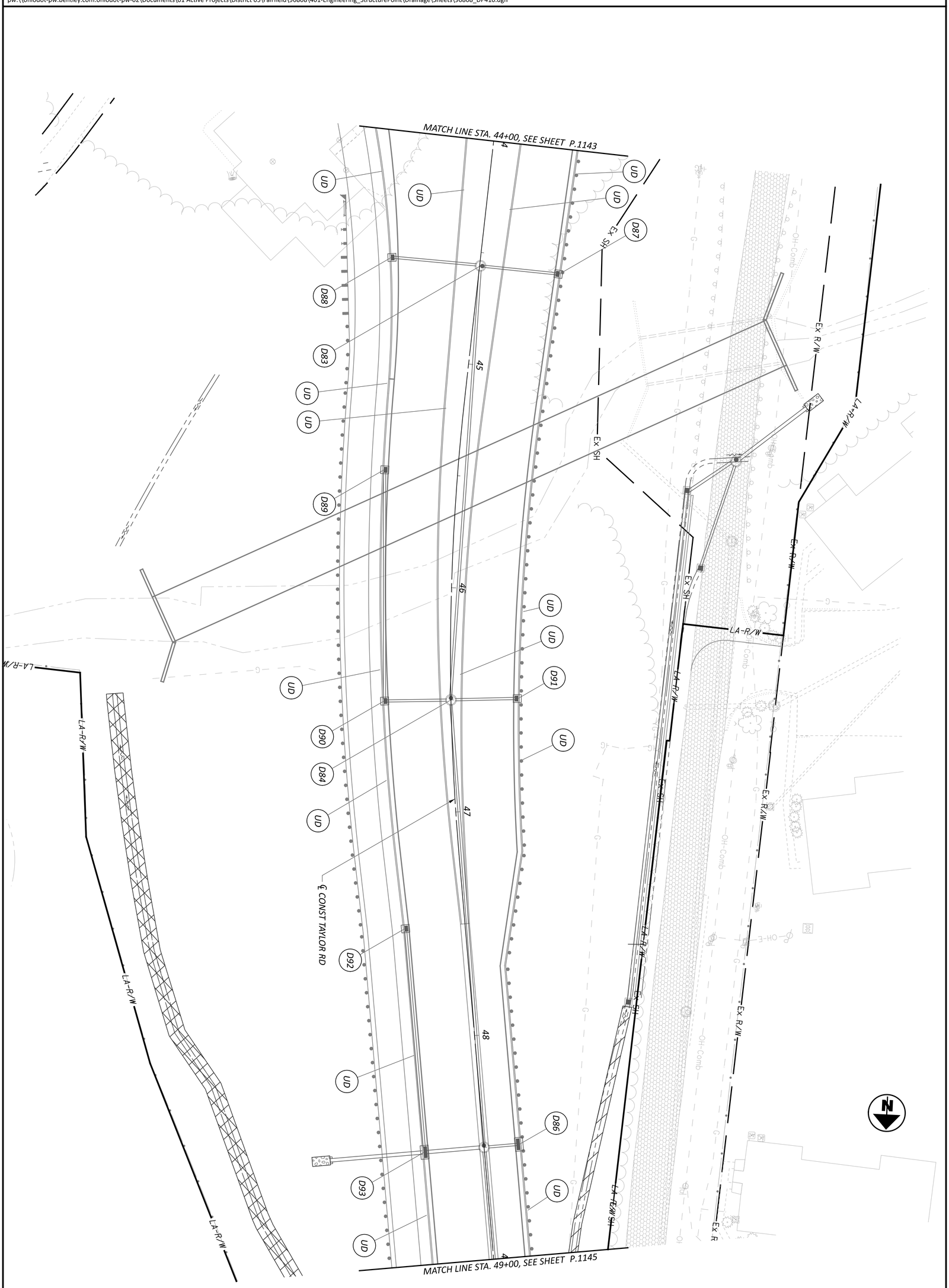

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1144	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 44+00.00 TO STA 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

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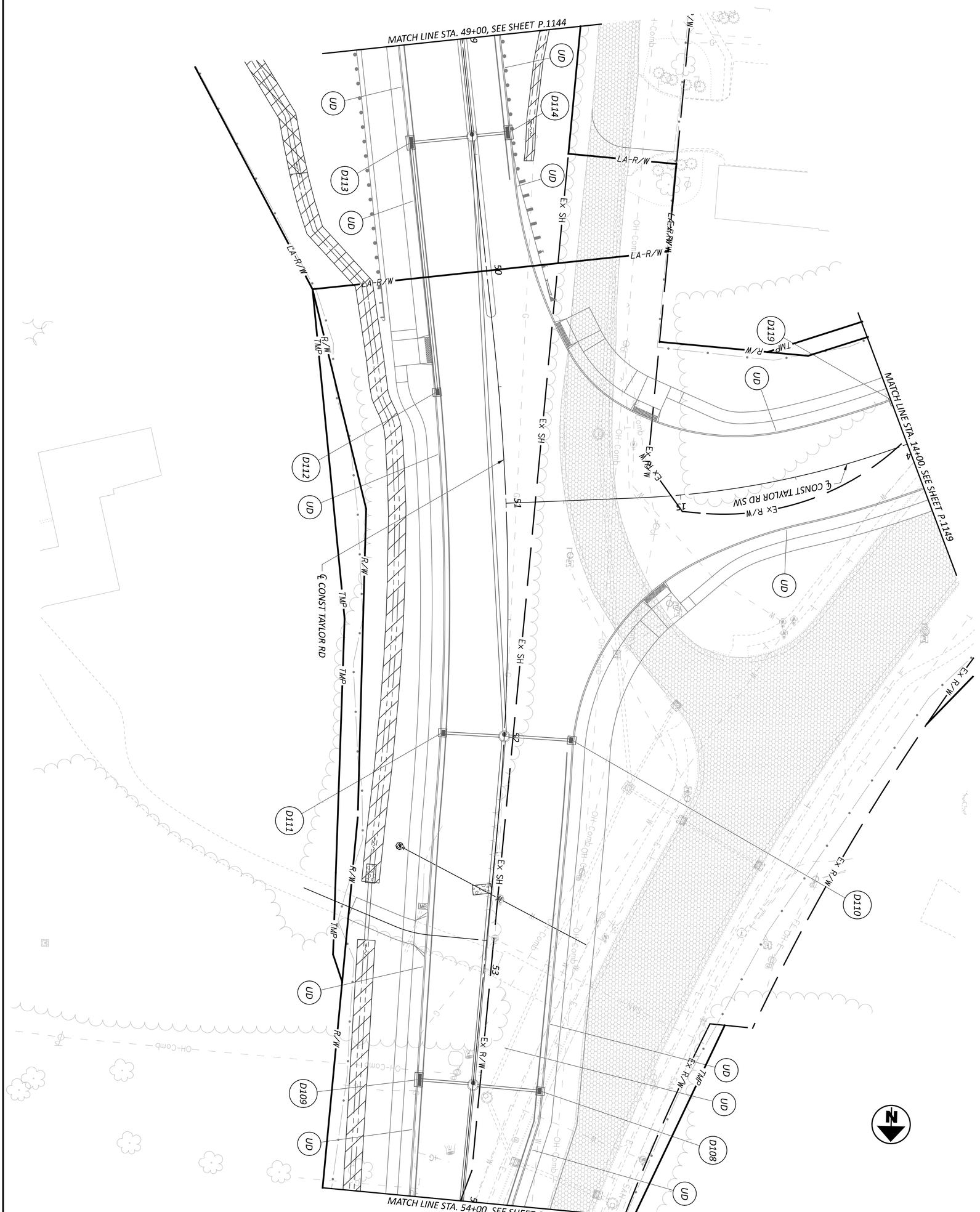

UNDERDRAIN DETAILS - TAYLOR RD
STA 49+00.00 TO STA 54+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1145	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: Taylor_DP419 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:16:54 PM USER: brieder
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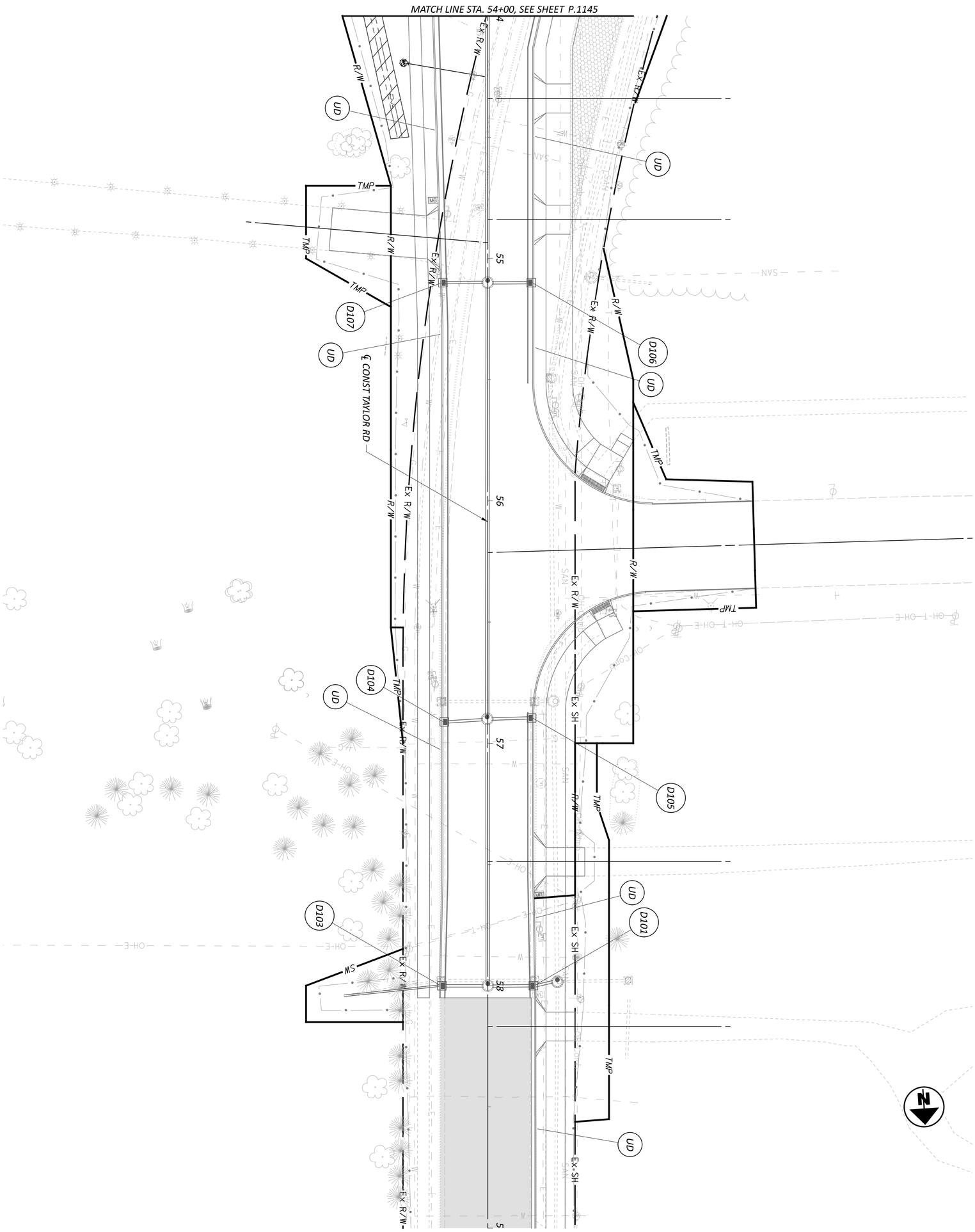

SHEET	TOTAL
P.1146	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD
STA 54+00.00 TO STA 59+00.00

HORIZONTAL SCALE IN FEET

0 20 10 40

MODEL: 204_DP422 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:04 PM USER: brieder
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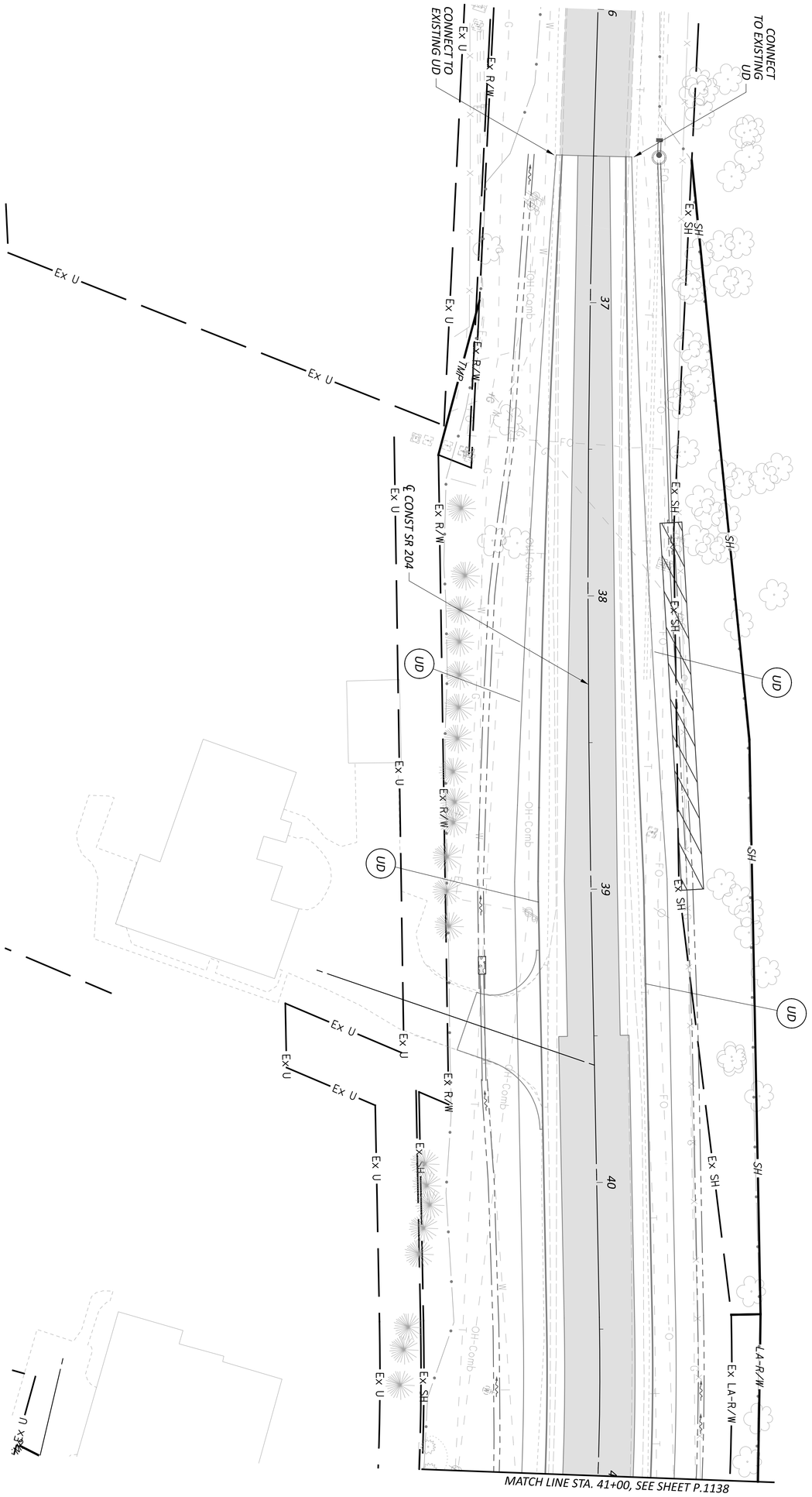

UNDERDRAIN DETAILS -SR 204
STA 36+00.00 TO STA 41+00.00

SHEET	TOTAL
P.1147	P.2024

PROJECT ID: 96808
REVIEWER: KAM 08/07/26
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 204_DP423 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:06 PM USER: brieder
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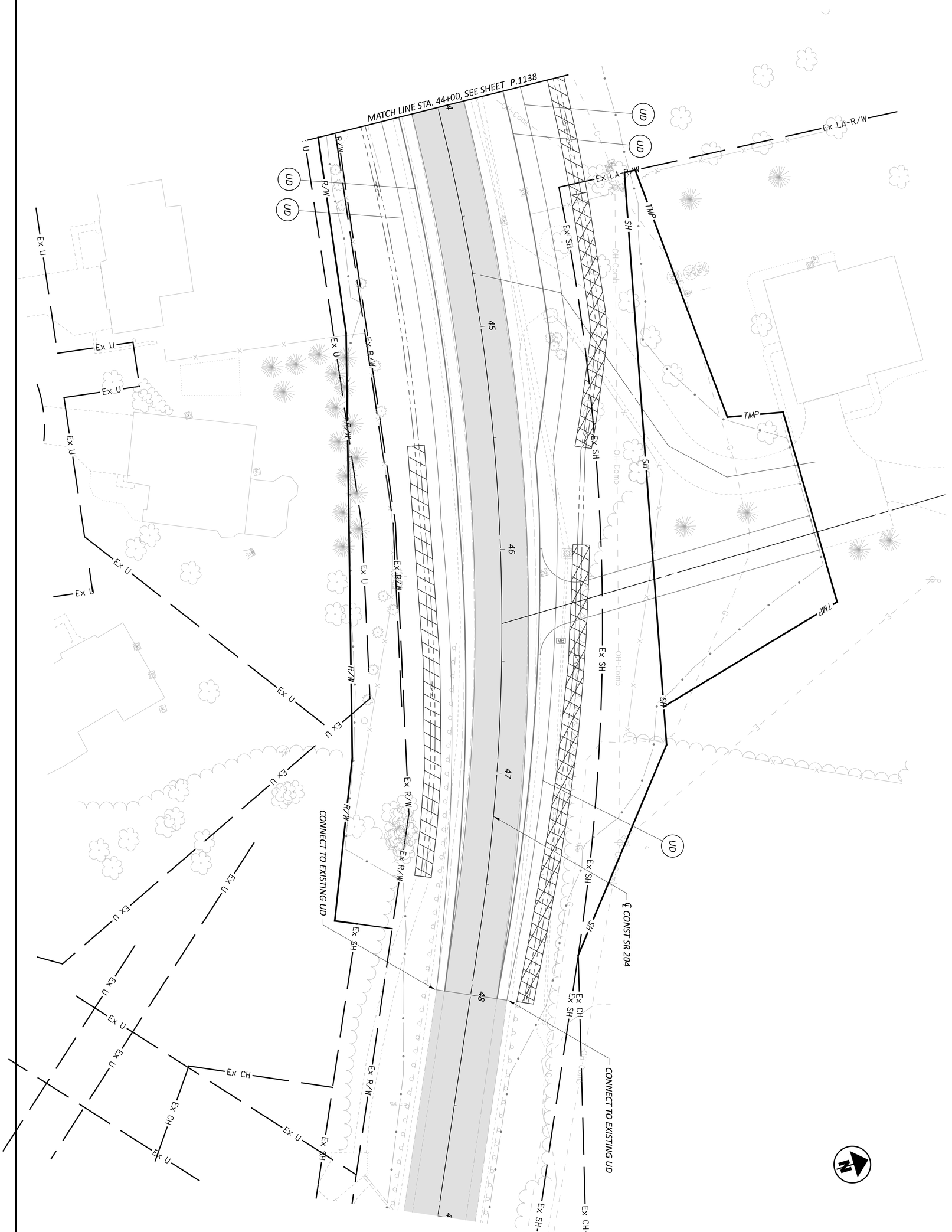

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1148	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - SR 204
STA 44+00.00 TO STA 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: TaylorSW_DP425 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:07 PM USER: brieder
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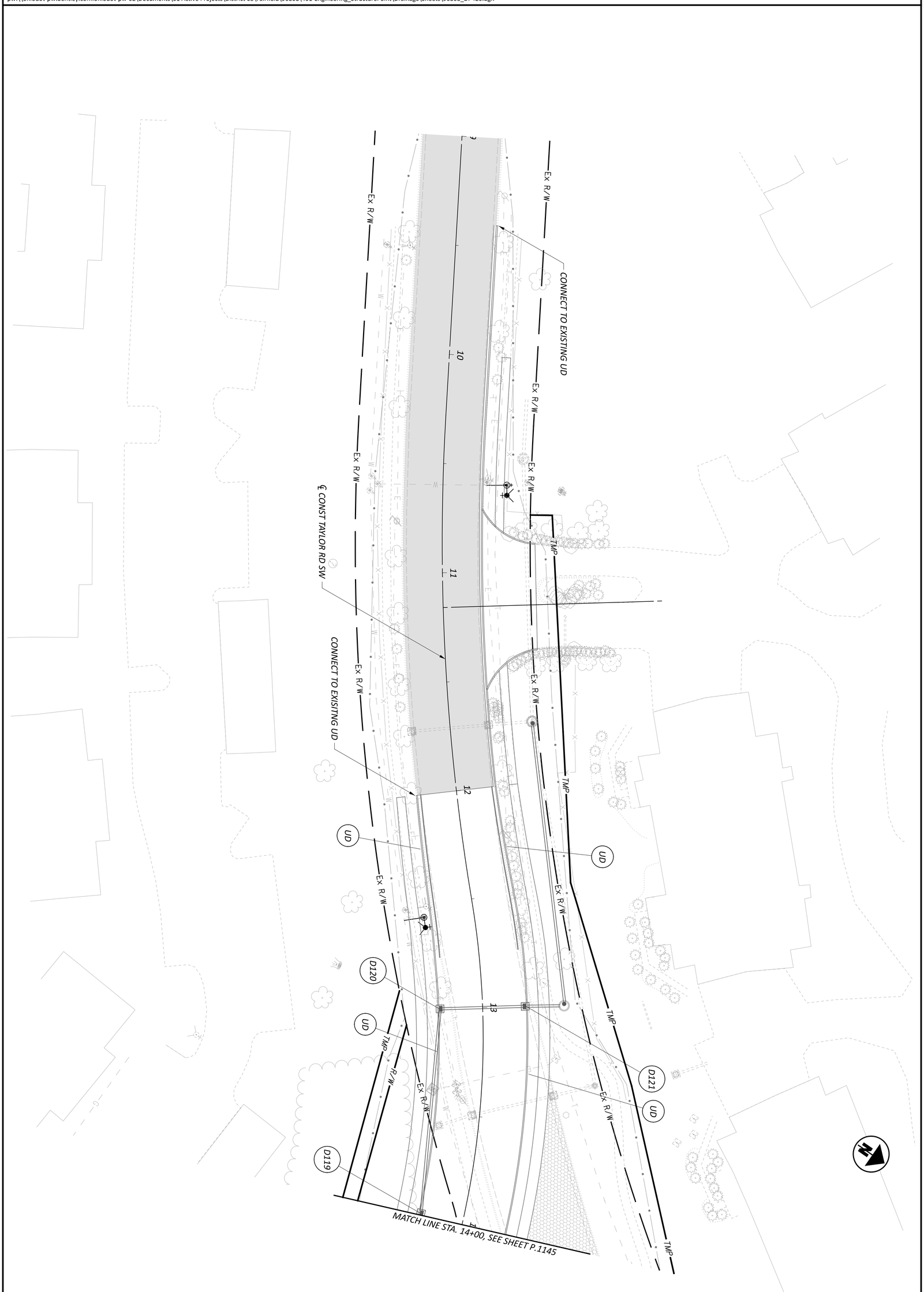

SHEET P.1149	TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - TAYLOR RD SW
STA 9+00.00 TO STA 14+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Palmer_DP431 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:16 PM USER: brieder
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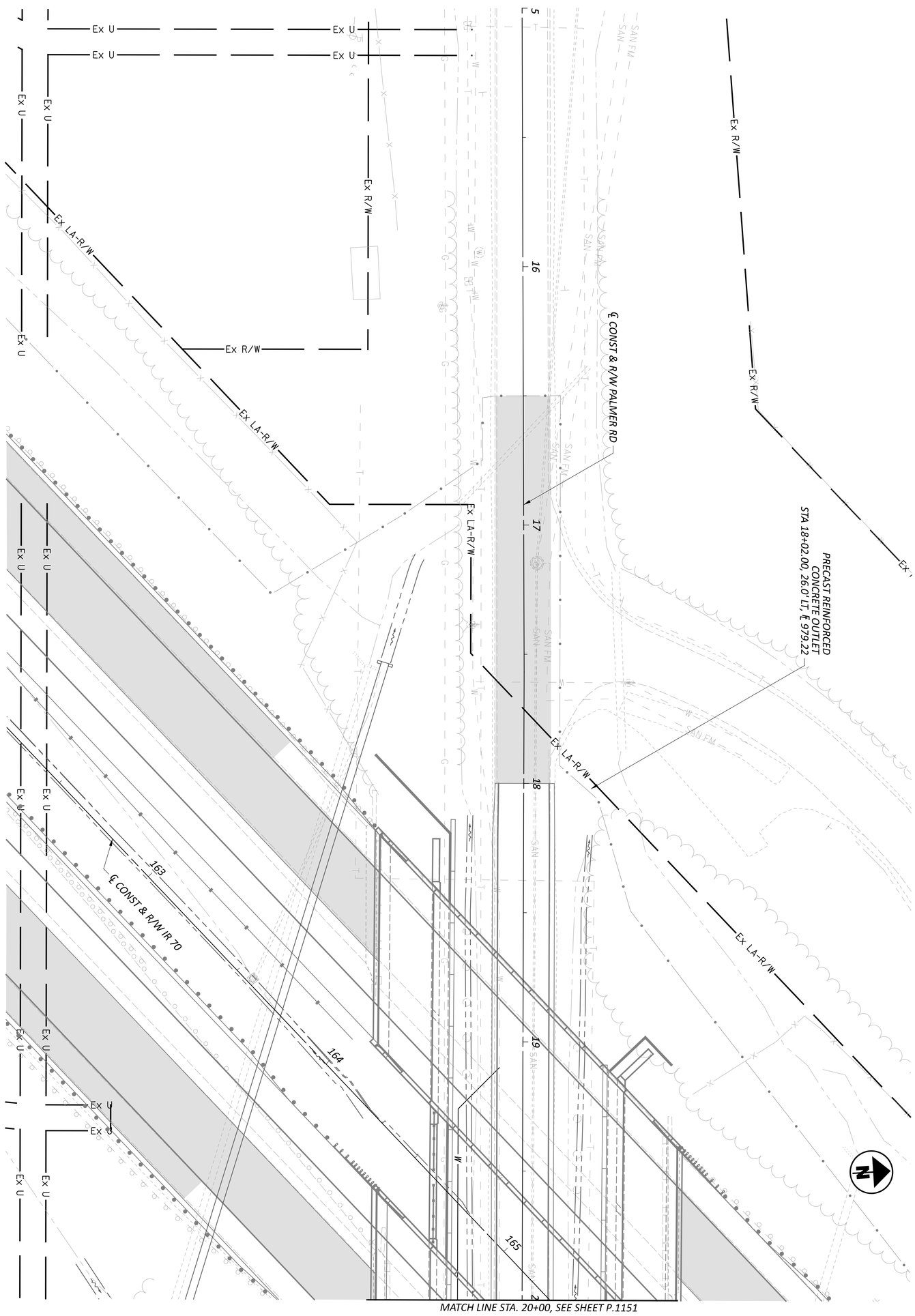

MATCH LINE STA. 20+00, SEE SHEET P.1151

SHEET P.1150 | TOTAL P.2024	PROJECT ID 96808	REVIEWER KAM 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	UNDERDRAIN DETAILS - PALMER RD STA 15+00.00 TO STA 20+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: Palmer_DP432 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:18 PM USER: brieder
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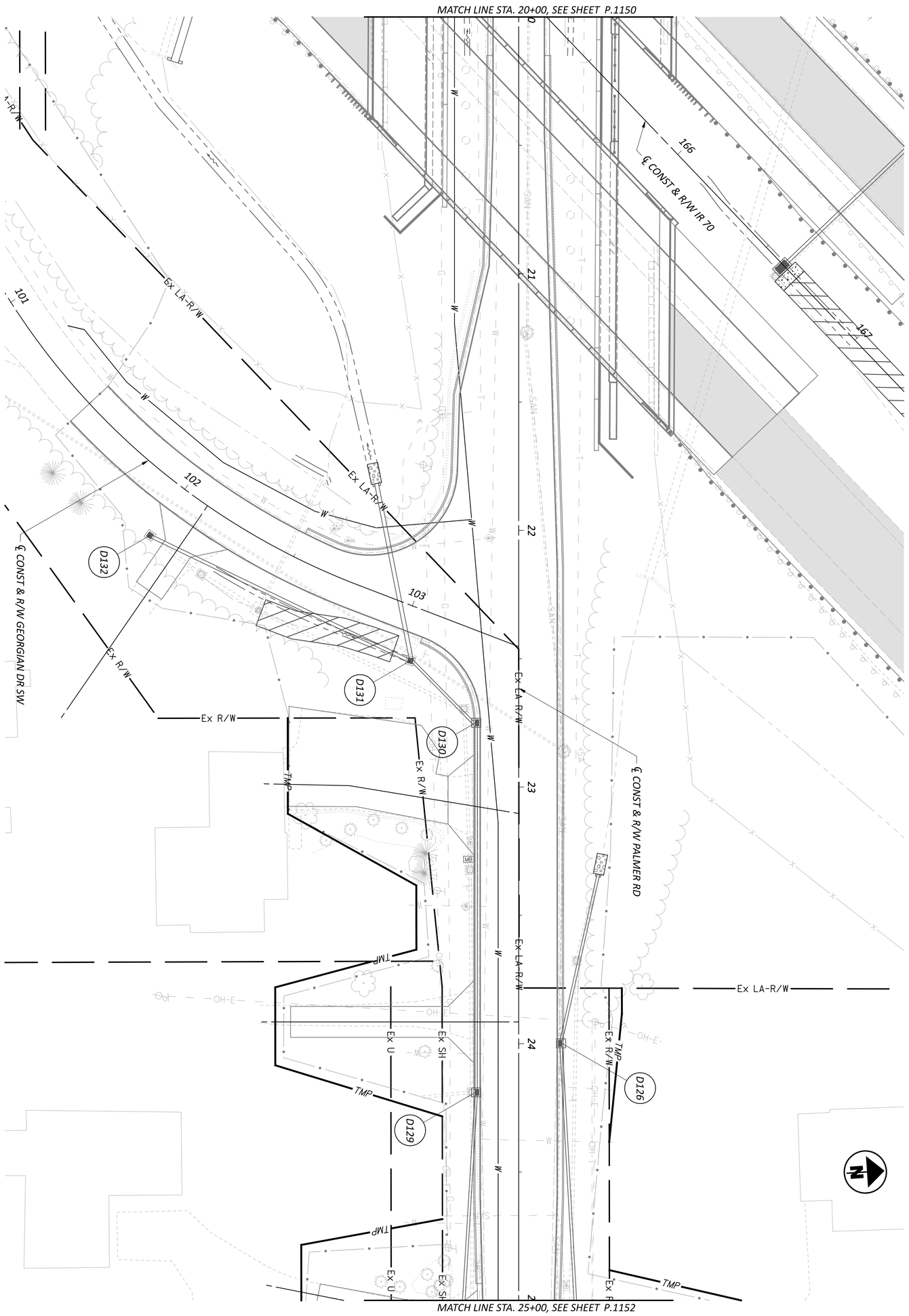

UNDERDRAIN DETAILS - PALMER RD
STA 20+00.00 TO STA 25+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1151	P.2024

PROJECT ID: 96808
REVIEWER: KAM 08/07/26
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: Palmer_DP433 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:17:19 PM USER: brieder
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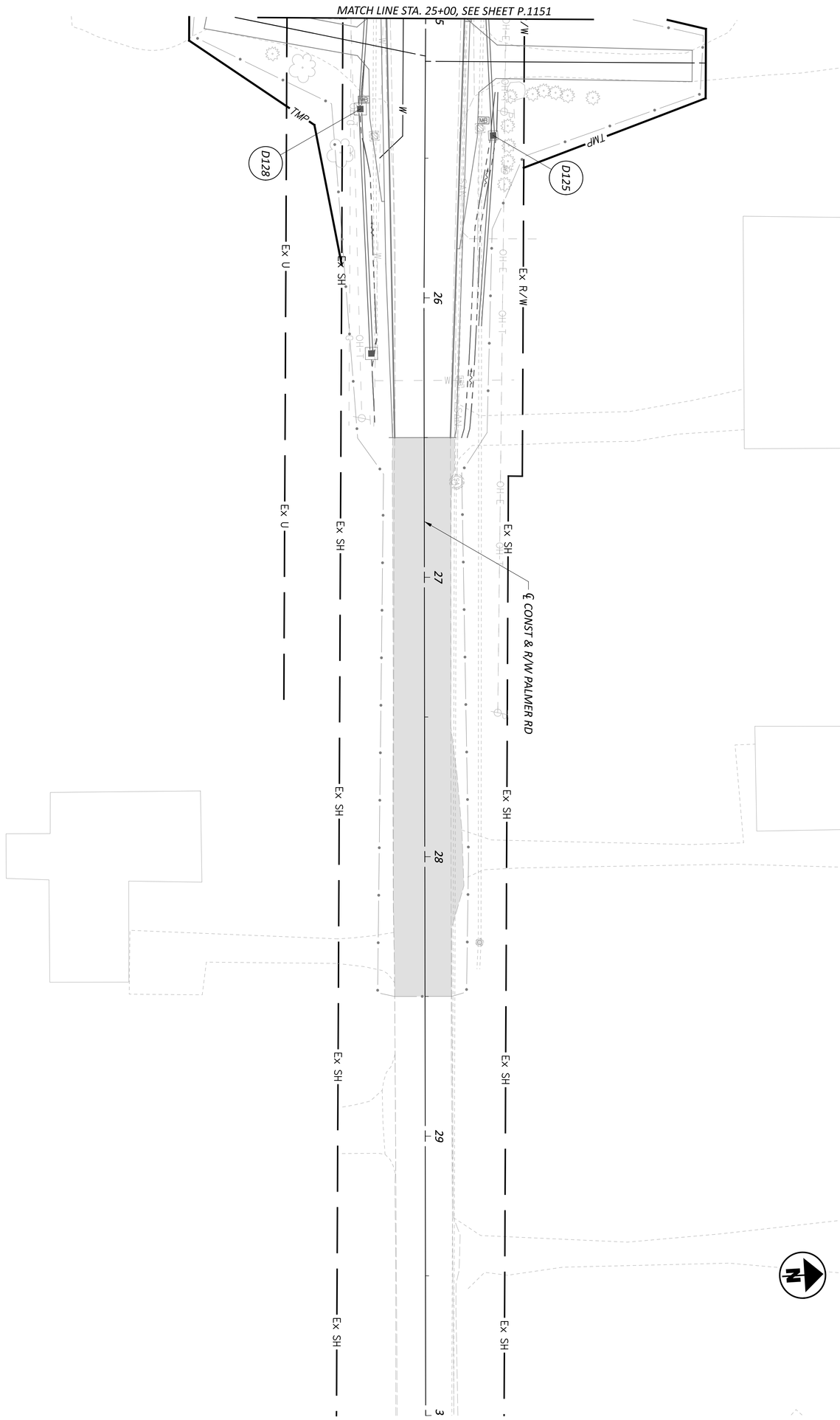
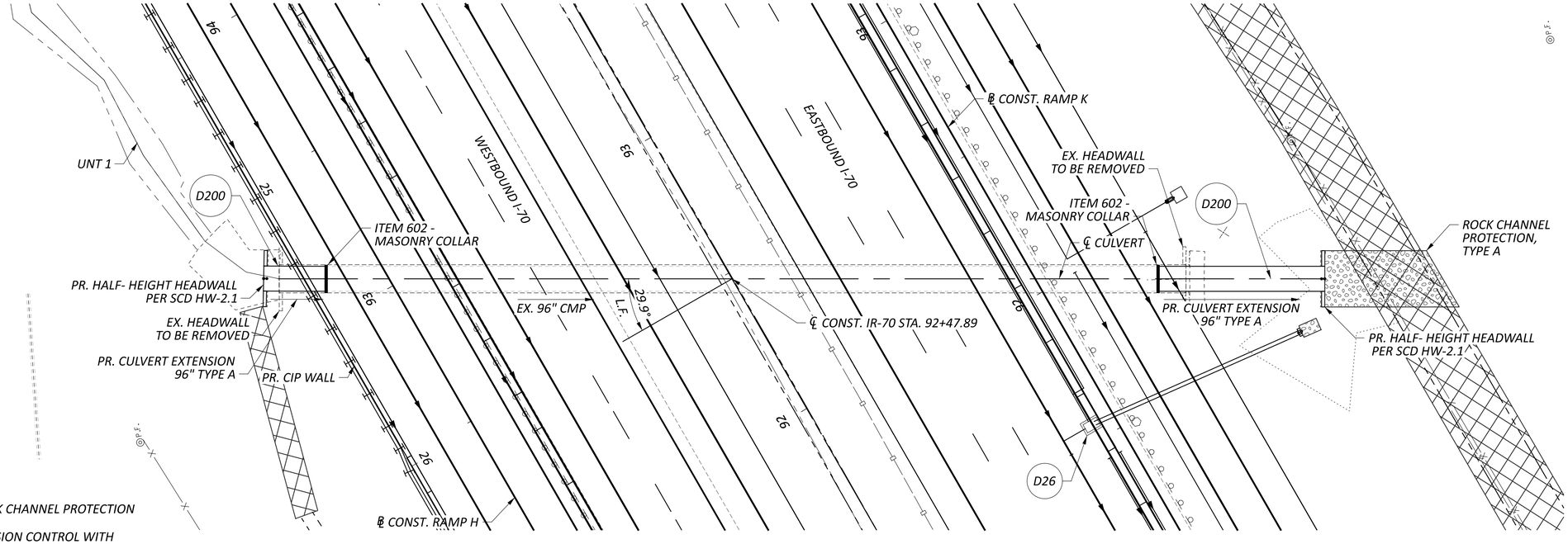


DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1152	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

UNDERDRAIN DETAILS - PALMER RD
STA 25+00.00 TO STA 30+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40



LEGEND

ITEM 601 - *ROCK CHANNEL PROTECTION*

ITEM 836 - *EROSION CONTROL WITH TURF REINFORCING MAT*

EXISTING STRUCTURE

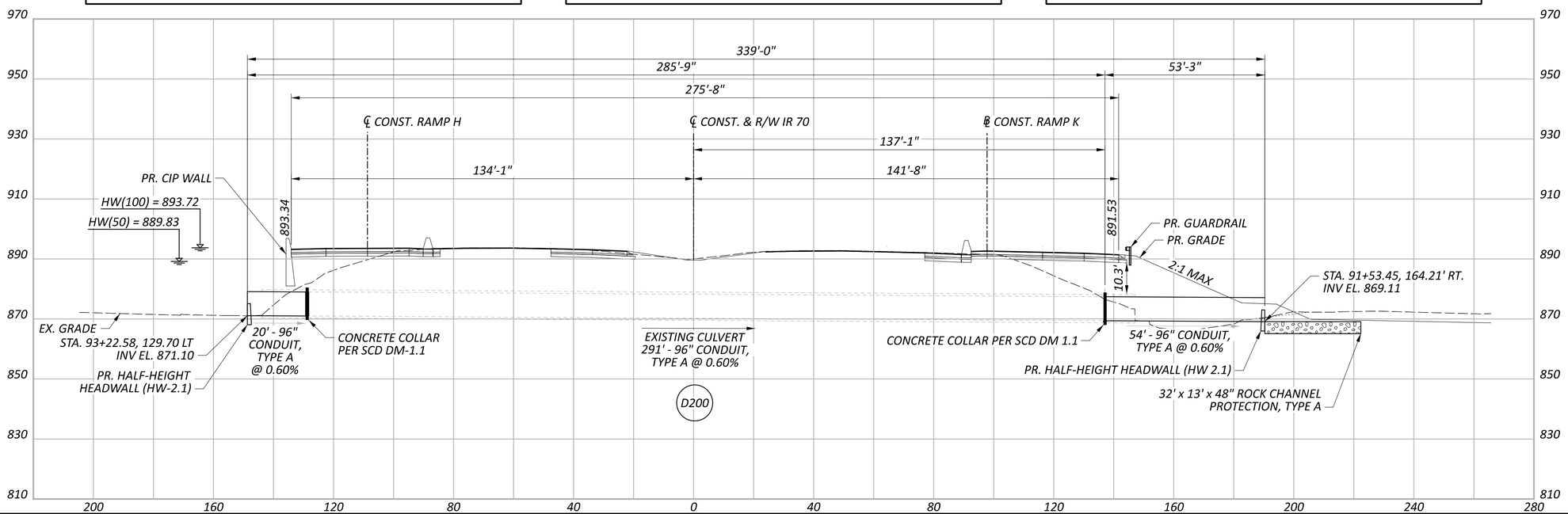
TYPE: CORRUGATED METAL
SIZE: 96"
SKEW: 29.9° L.F.
ALIGNMENT: TANGENT
DATE BUILT: 1/2/1999
CONDITION: SATISFACTORY
CFN: 1886368

PROPOSED STRUCTURE

TYPE: 96" TYPE A 707.02 (0.064) ALUMINIZED, 707.04 (0.064), 707.07 (0.064) ALUMINIZED, 707.22
SKEW: 29.9° L.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 1550 ACRES
Q (50) = 940 CFS *V (50) =* 19.34 FT/S *HW (50) =* 889.83 FT
Q (100) = 1124 CFS *V (100) =* 21.60 FT/S *HW (100) =* 893.72 FT
ORDINARY HIGH WATER MARK: 874.88 FT
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 2.0
pH: 7.5



HORIZONTAL SCALE IN FEET
0 10 20 40

CULVERT DETAIL
IR 70 - STA. 92+47.89

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 08/21/26
PROJECT ID 96808
SHEET P.1153 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Culvert - I70 Sta 92+50 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:40:38 PM USER: backel
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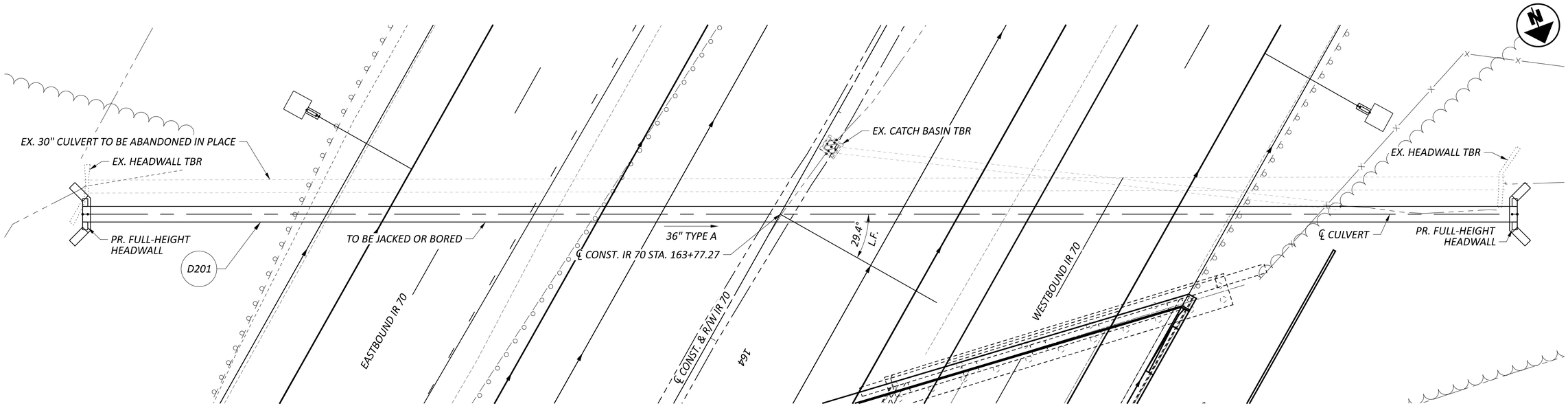


HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
IR 70 - STA. 163+77.60

EXISTING STRUCTURE

TYPE: CIRCULAR CONCRETE
SIZE: 30"
SKEW: 30° L.F.
ALIGNMENT: TANGENT
DATE BUILT: 01/01/1967
CONDITION: GOOD
CFN: 1879541

PROPOSED STRUCTURE

TYPE: 36" CIRCULAR CONDUIT, TYPE A, 706.01, 706.02

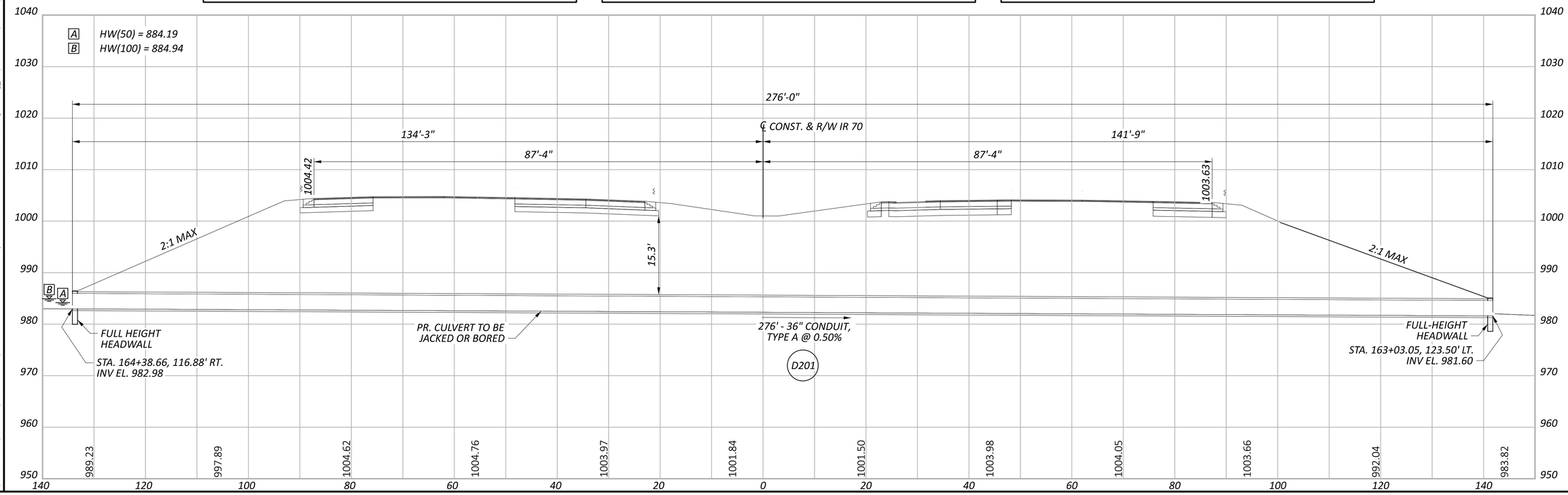
SKEW: 29.4° L.F.
ALIGNMENT: TANGENT
CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 12.79 ACRES

Q (50) =	12.72 CFS	V (50) =	1.80 FT/S	HW (50) =	984.94 FT
Q (100) =	13.91 CFS	V (100) =	1.97 FT/S	HW (100) =	985.19 FT

ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 4.0
pH: 7.6



DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1154
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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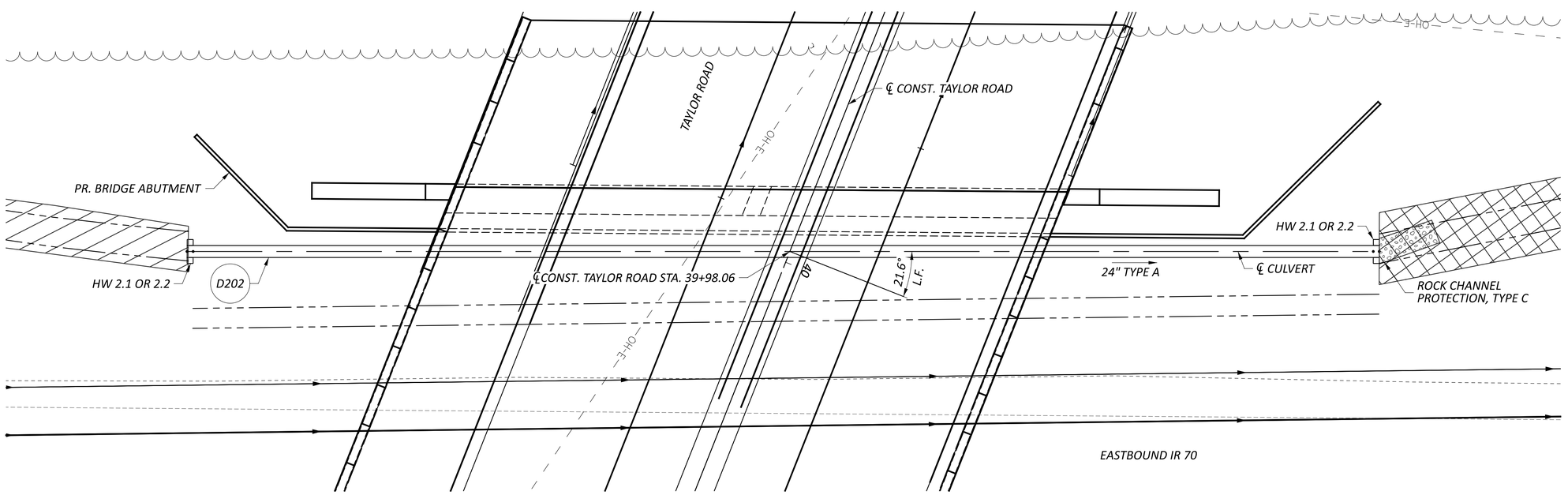


HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
TAYLOR ROAD BRIDGE ABUTMENT

LEGEND

ITEM 670 - SLOPE EROSION PROTECTION MAT

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 706.01, 706.02, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED, 707.04 (0.064) POLYMERIC COATED, 706.33, 707.35, OR 707.42

SKEW: 21.6° L.F.

ALIGNMENT: TANGENT

CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 3.12 ACRES

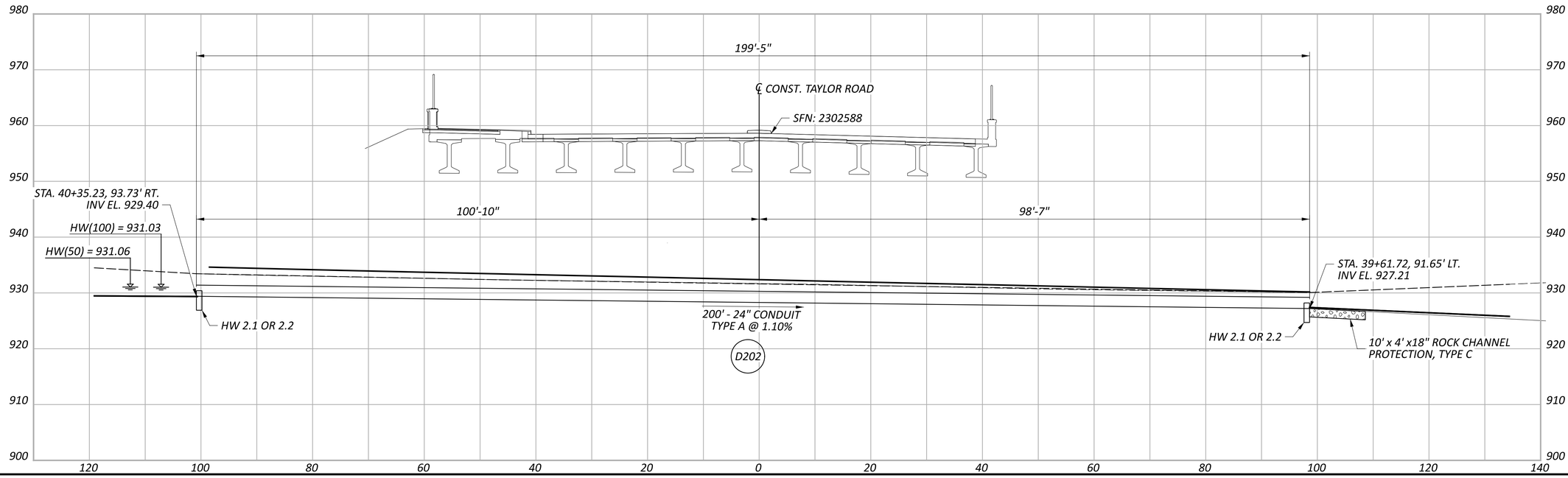
Q (50) =	9.42 CFS	V (50) =	7.82 FT/S	HW (50) =	931.03 FT
Q (100) =	9.68 CFS	V (100) =	7.87 FT/S	HW (100) =	931.09 FT

ORDINARY HIGH WATER MARK: N/A

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 2.0

pH: 7.6



DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CEF
REVIEWER	BAA 08/21/26
PROJECT ID	96808
SHEET	P.1155
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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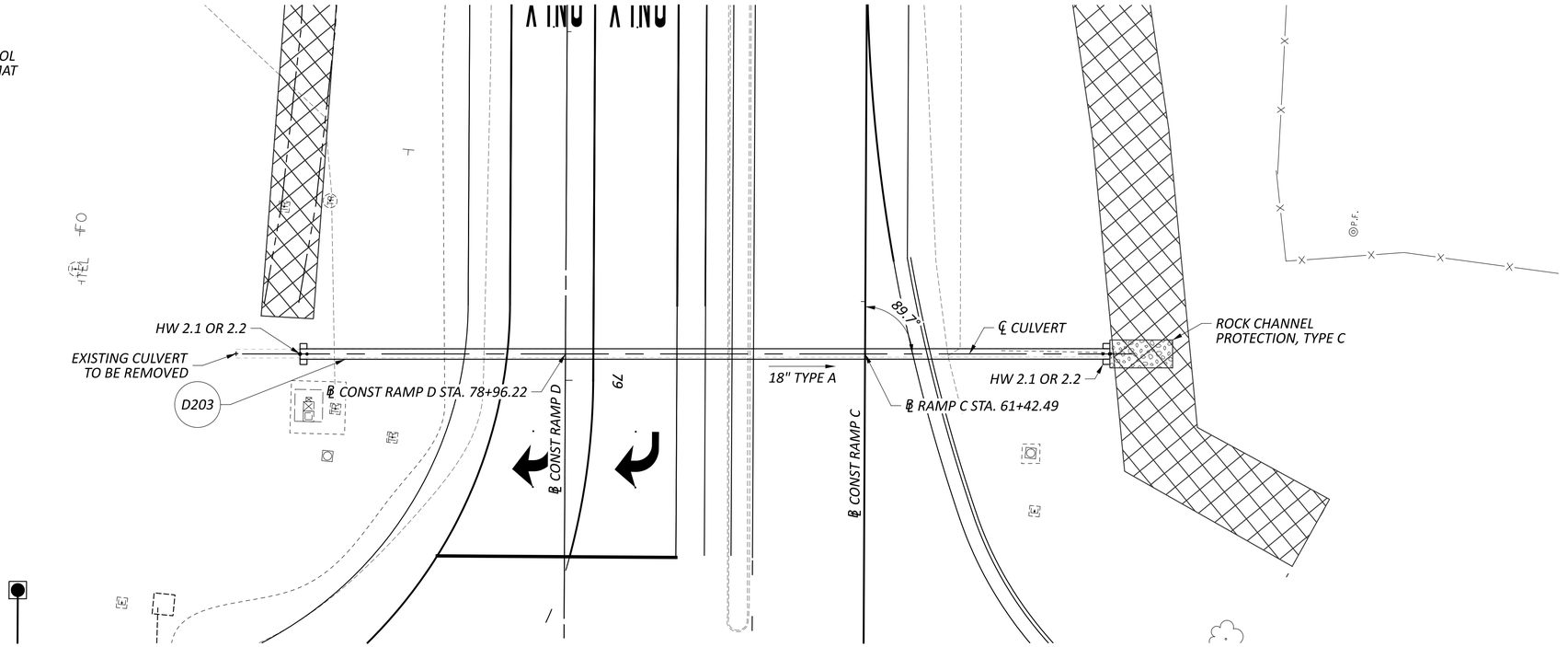
LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
RAMP C - STA. 61+42.49

EXISTING STRUCTURE

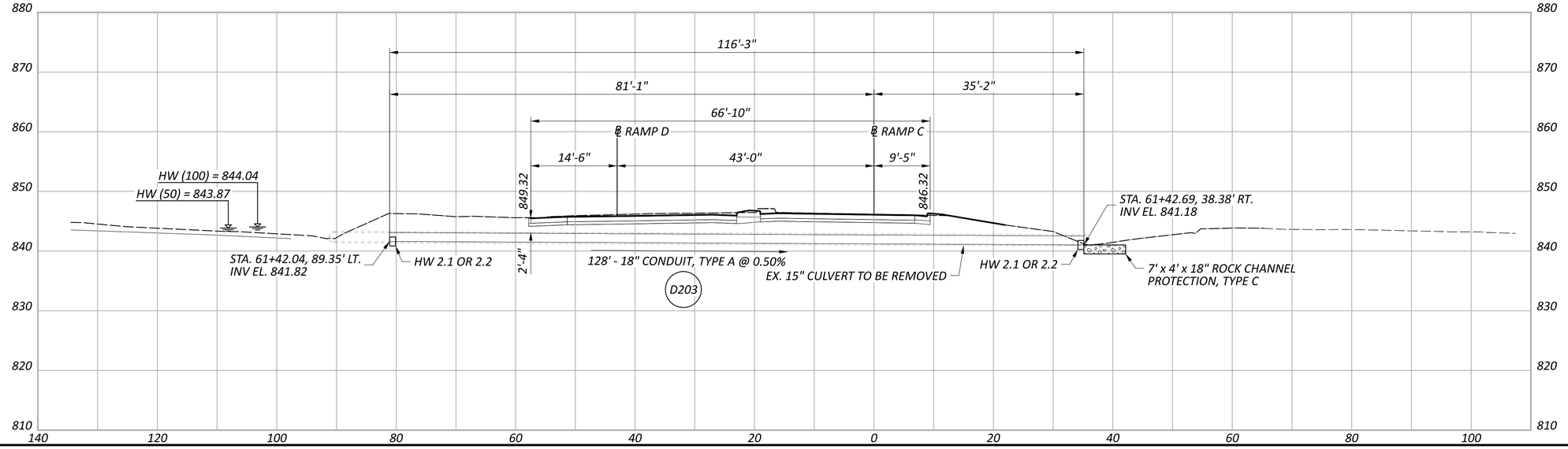
TYPE: CIRCULAR CONCRETE
SIZE: 15"
SKEW: 0.3° R.F.
ALIGNMENT: TANGENT
DATE BUILT: _
CONDITION: GOOD
CFN: 1876344

PROPOSED STRUCTURE

TYPE: 18" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED, 707.04 (0.064) POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35, OR 707.42
SKEW: 0.3° R.F.
ALIGNMENT: TANGENT
CFN: TBD

HYDRAULIC DATA

DRAINAGE AREA = 3.57 ACRES
Q (50) = 8.88 CFS V (50) = 6.09 FT/S HW (50) = 843.87 FT
Q (100) = 9.54 CFS V (100) = 6.33 FT/S HW (100) = 844.04 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 2.0
pH: 7.5



DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 08/21/26
PROJECT ID 96808
SHEET P.1156 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp C - Sta 61+40 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:41:11 PM USER: backel
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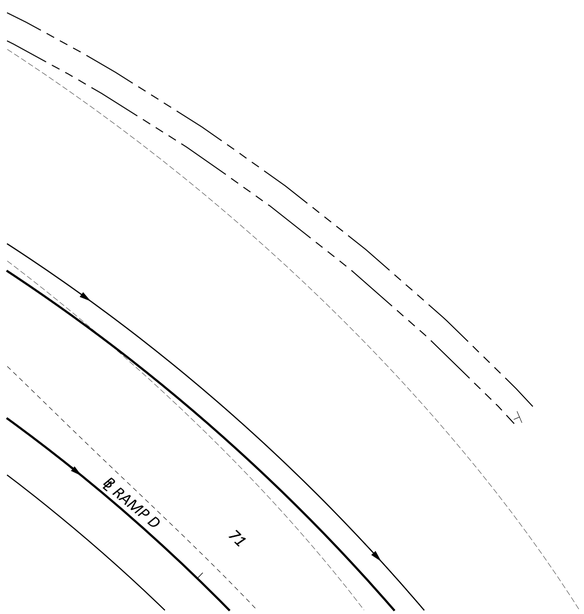
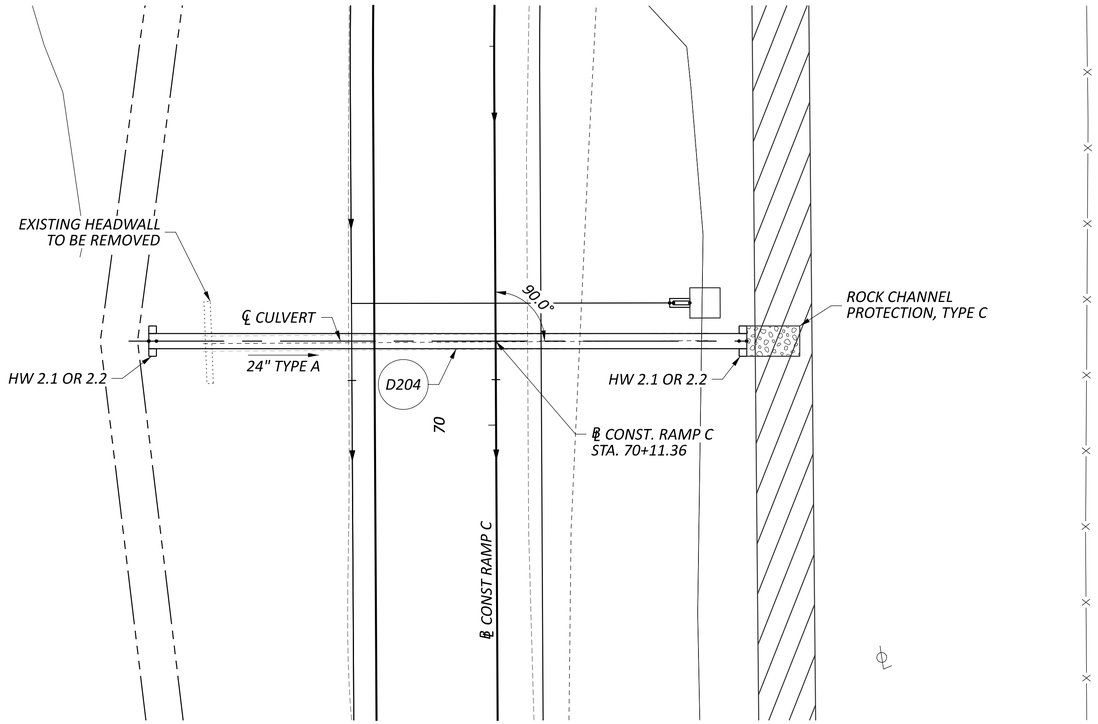
LEGEND

ITEM 670 - SLOPE EROSION PROTECTION MAT





EXISTING STRUCTURE

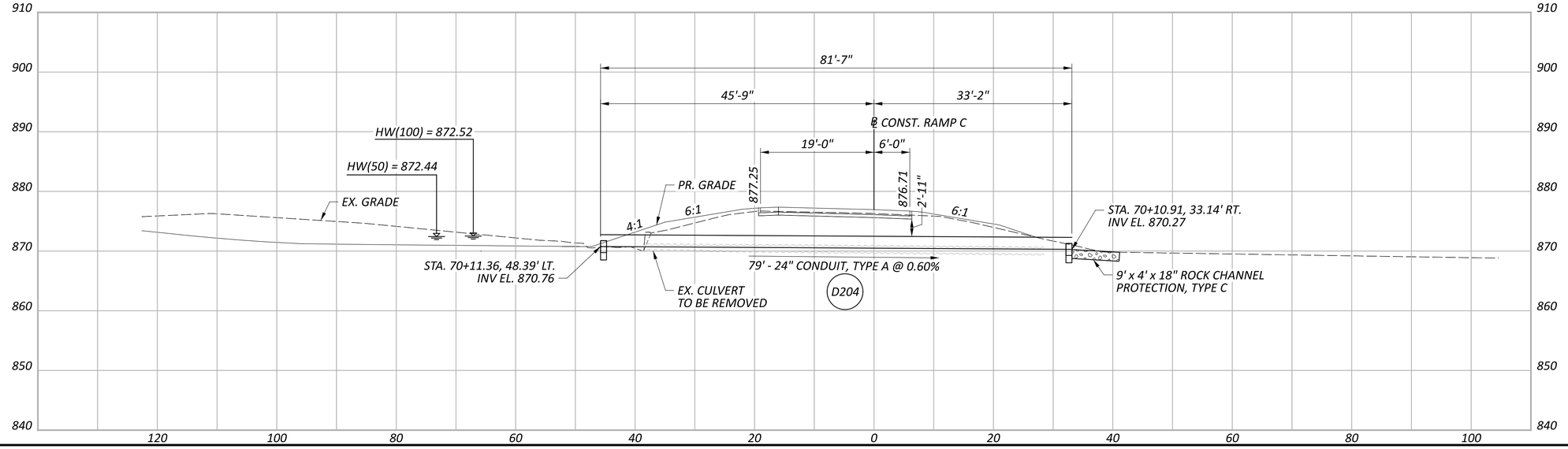
TYPE: CIRCULAR CONCRETE
SIZE: 24"
SKEW: 0.0°
ALIGNMENT: TANGENT
DATE BUILT: 7/1/1966
CONDITION: GOOD
CFN: 1984377

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04 POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35 OR 707.42
SKEW: 0.0°
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 3.63 ACRES
Q (50) = 9.81 CFS V (50) = 6.11 FT/S HW (50) = 872.44 FT
Q (100) = 10.55 CFS V (100) = 6.22 FT/S HW (100) = 872.52 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
RAMP C - STA. 70+11.09

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 08/21/26
PROJECT ID 96808
SHEET P.1157 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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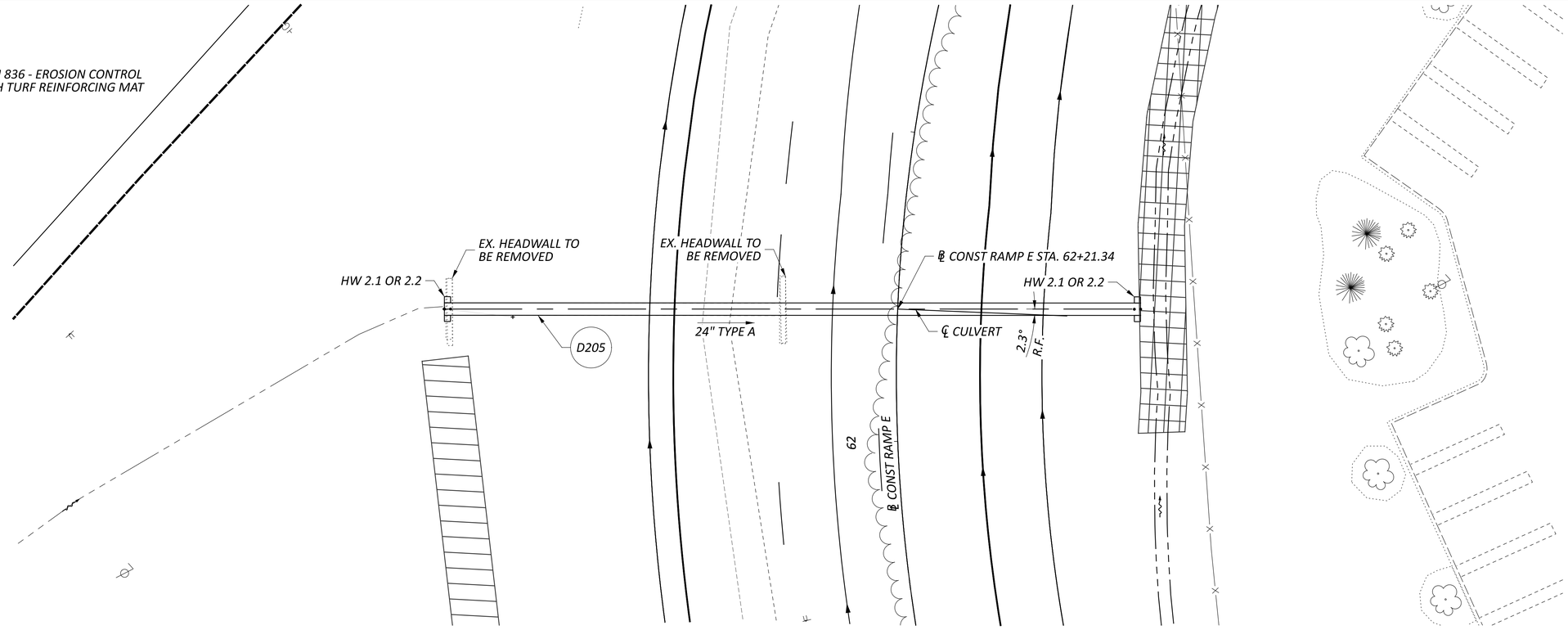
LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



EXISTING STRUCTURE

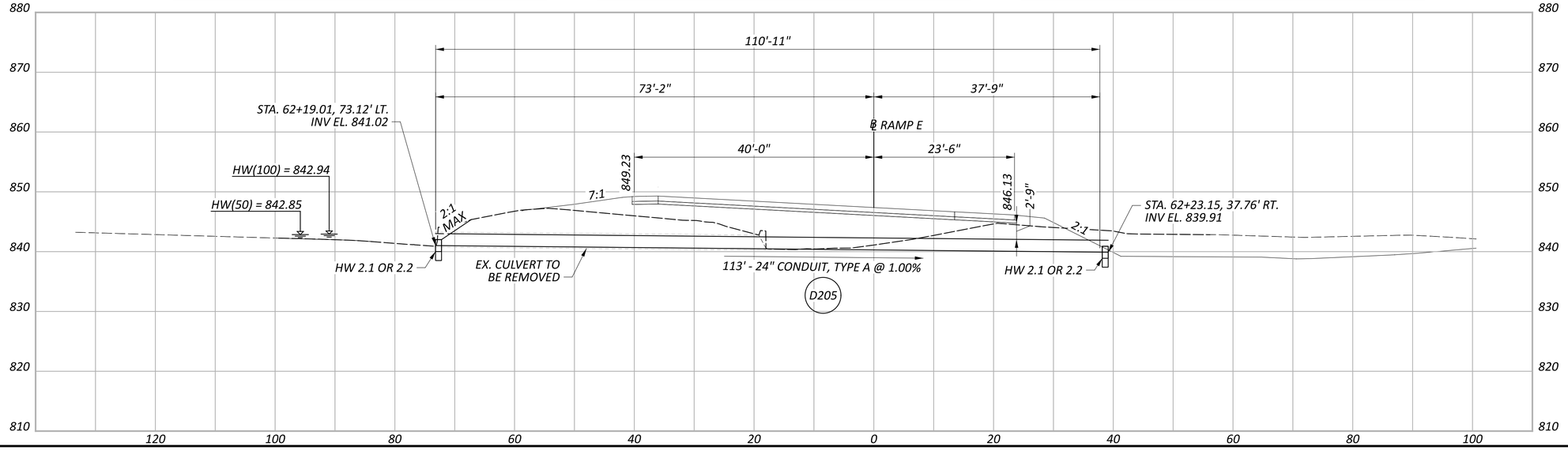
TYPE: CIRCULAR CONCRETE
SIZE: 24"
SKEW: 2.3° R.F.
ALIGNMENT: CURVE
DATE BUILT: 7/1/1966
CONDITION: GOOD
CFN: 1984376

PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT, TYPE A, 707.01 (0.218) GALVANIZED, 707.01 (0.064) ALUMINIZED), 707.04 POLYMERIC COATED, 706.01, 706.02, 707.33, 707.35 OR 707.42
SKEW: 2.3° R.F.
ALIGNMENT: CURVE
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 3.20 ACRES
Q (50) = 11.25 CFS V (50) = 3.71 FT/S HW (50) = 842.85 FT
Q (100) = 12.10 CFS V (100) = 3.95 FT/S HW (100) = 842.94 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
RAMP E - STA. 62+21.34

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1158 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Ramp E - Sta. 62+20 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:41:36 PM USER: backel
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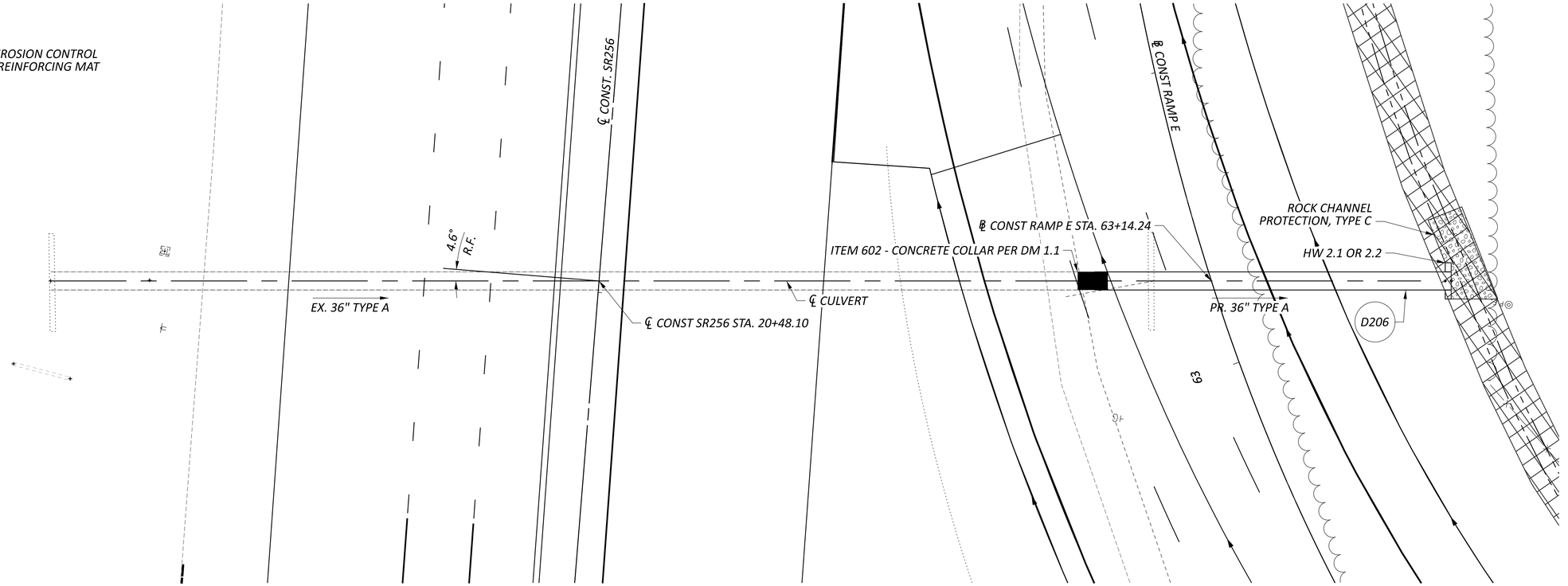
LEGEND

ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT



HORIZONTAL SCALE IN FEET
0 5 10 20

EXISTING STRUCTURE

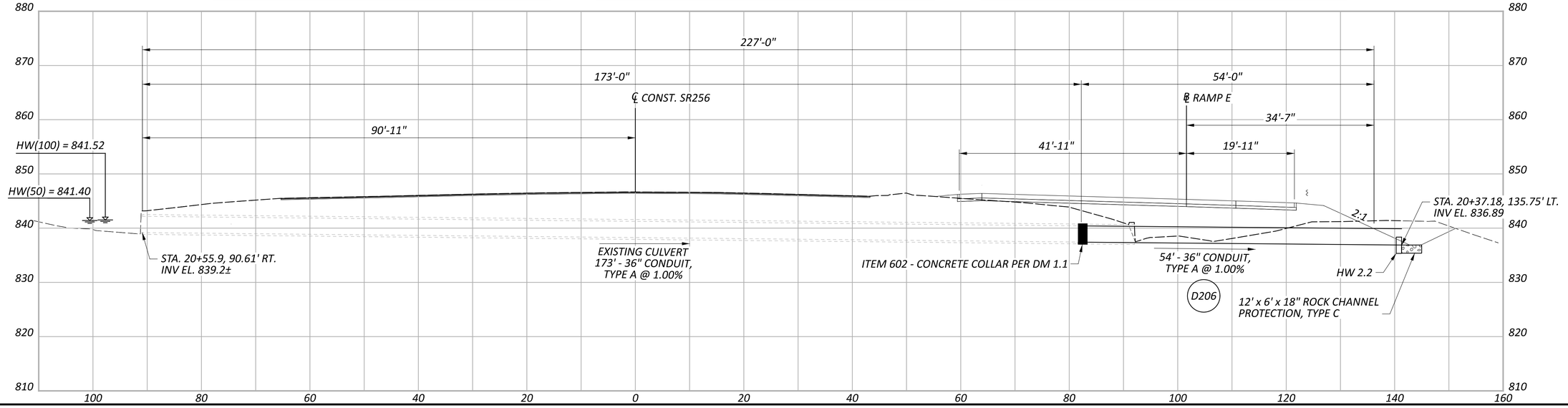
TYPE: CONCRETE
SIZE: 36" CIRCULAR
SKEW: 4.6° R.F.
ALIGNMENT: TANGENT
DATE BUILT:
CONDITION: GOOD
CFN: 1876343

PROPOSED STRUCTURE

TYPE: 36" CIRCULAR CONCRETE CONDUIT, TYPE A, 706.01 OR 706.02
SKEW: 4.6° R.F.
ALIGNMENT: TANGENT
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 15.95 ACRES
Q (50) = 21.89 CFS V (50) = 9.02 FT/S HW (50) = 841.40 FT
Q (100) = 24.01 CFS V (100) = 9.14 FT/S HW (100) = 841.52 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 1.0
pH: 7.6



CULVERT DETAIL
SR256 - STA. 20+48.10

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1159 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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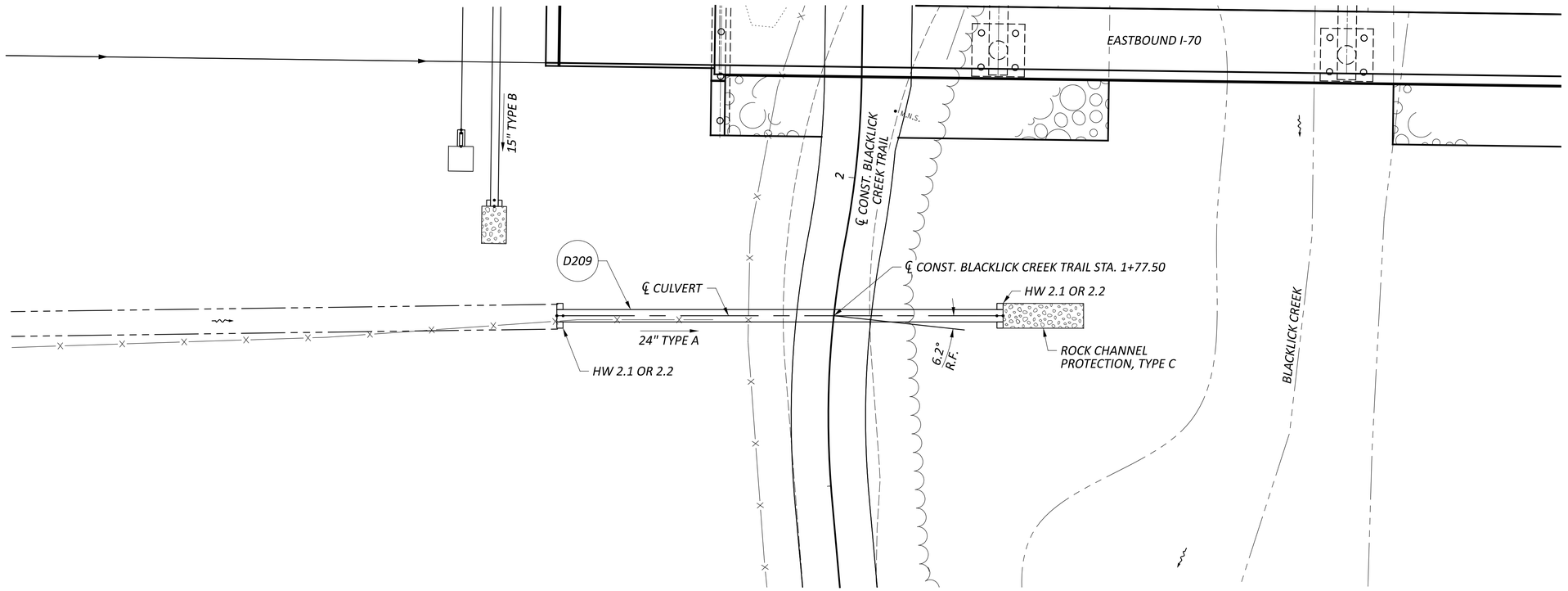
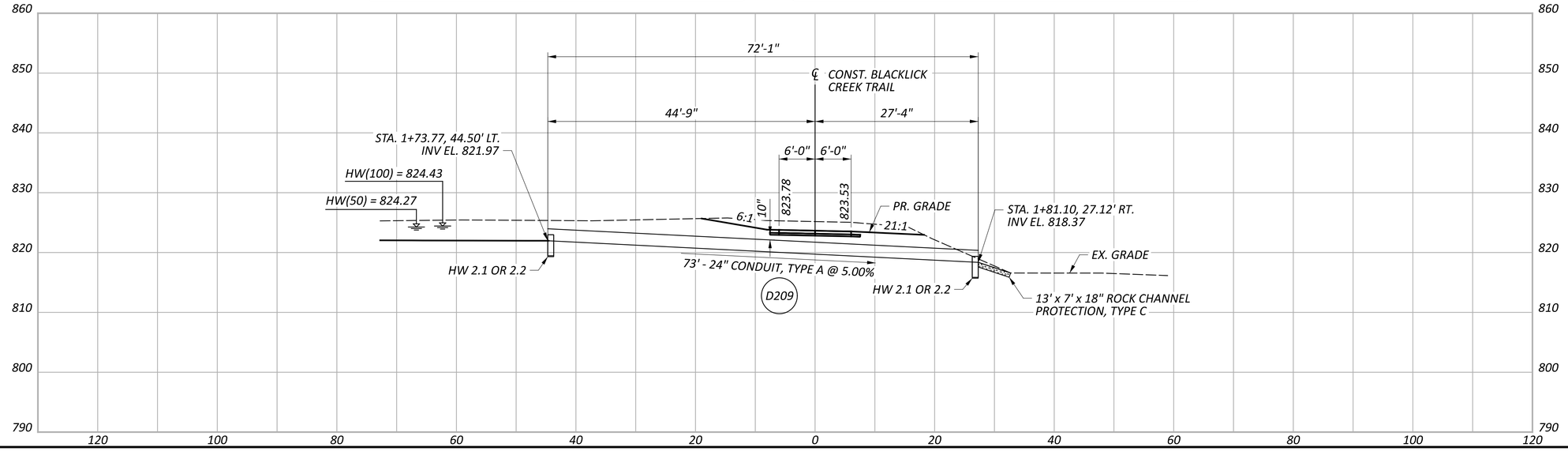


PROPOSED STRUCTURE

TYPE: 24" CIRCULAR CONDUIT 706.01, 706.02
707.33, 707.35, OR 707.42
SKEW: 6.2° R.F.
ALIGNMENT: CURVE
CFN:

HYDRAULIC DATA

DRAINAGE AREA = 7.04 ACRES
Q (50) = 15.78 CFS V (50) = 13.86 FT/S HW (50) = 824.27 FT
Q (100) = 17.02 CFS V (100) = 13.93 FT/S HW (100) = 824.43 FT
ORDINARY HIGH WATER MARK: N/A
DESIGN SERVICE LIFE: 75 YEARS
ABRASION LEVEL: 4.0
pH: 7.6



HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL
BLACKLICK CREEK TRAIL - STA. 1+77.50

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER CEF
REVIEWER BAA 08/21/26
PROJECT ID 96808
SHEET P.1160 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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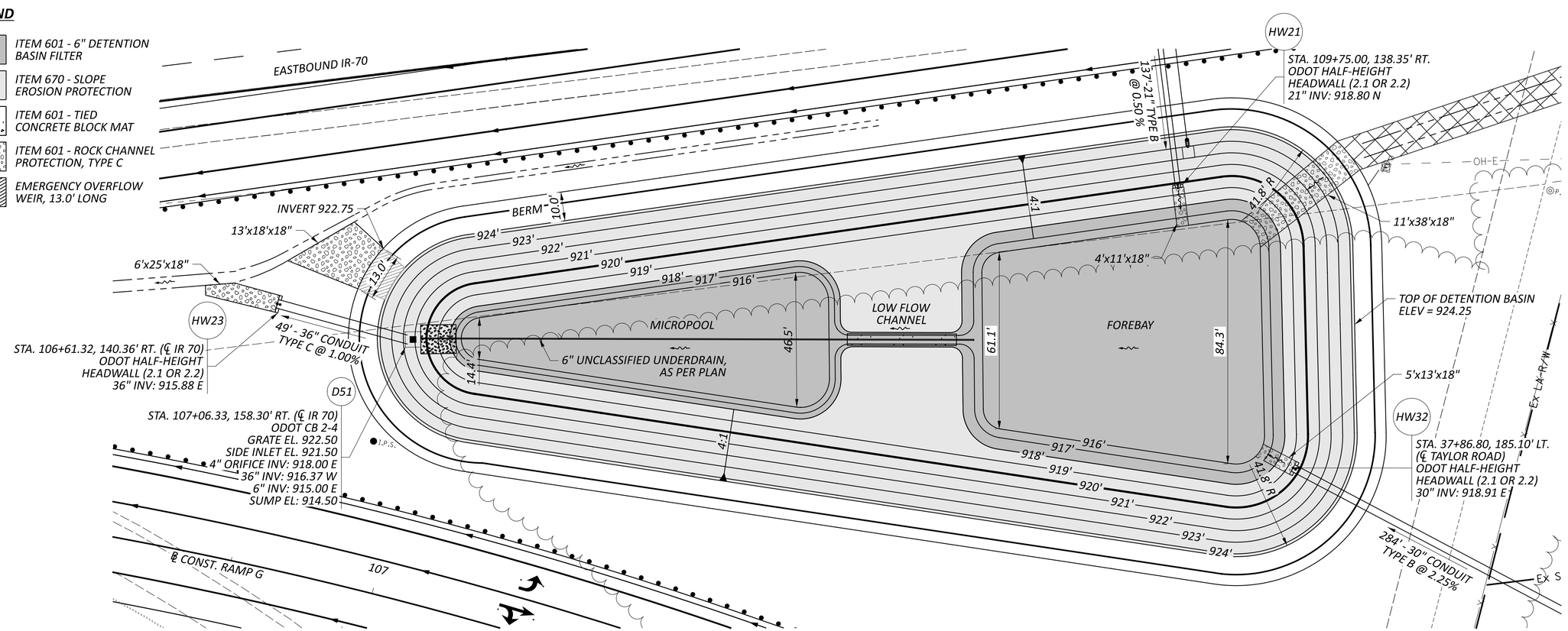
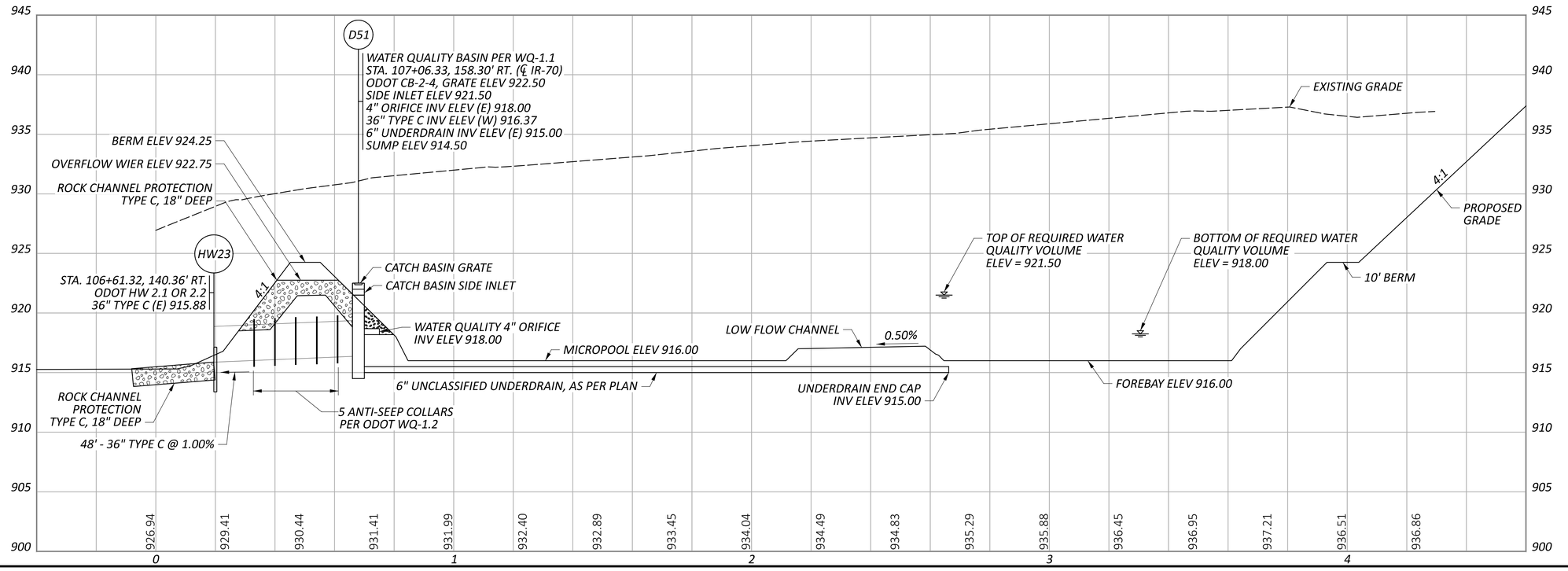
LEGEND

- ITEM 601 - 6" DETENTION BASIN FILTER
- ITEM 670 - SLOPE EROSION PROTECTION
- ITEM 601 - TIED CONCRETE BLOCK MAT
- ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C
- EMERGENCY OVERFLOW WEIR, 13.0' LONG





HORIZONTAL SCALE IN FEET
0 10 20 40

DETENTION BASIN DETAILS PLAN AND PROFILE

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 05/02/25

PROJECT ID
96808

SHEET P.1161 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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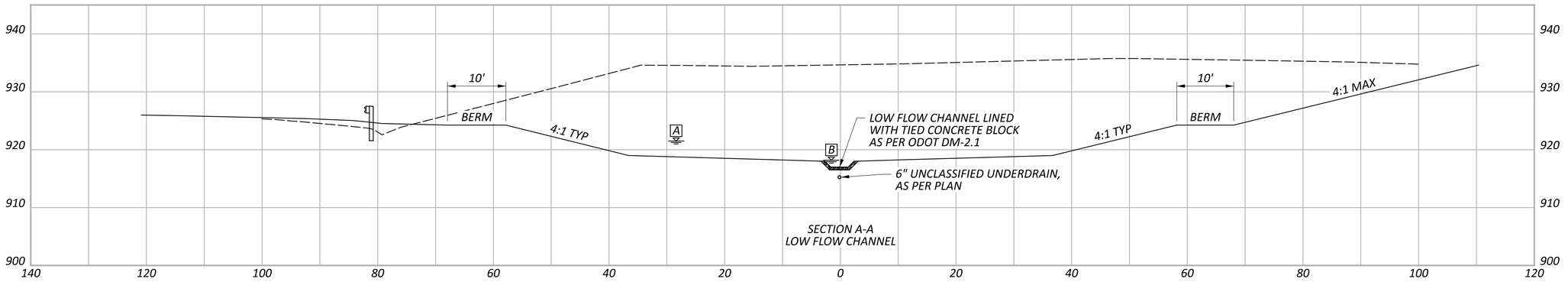
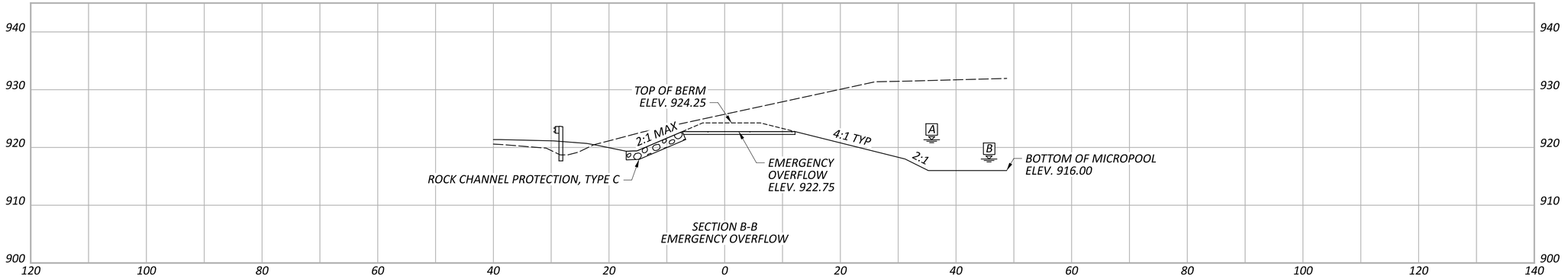
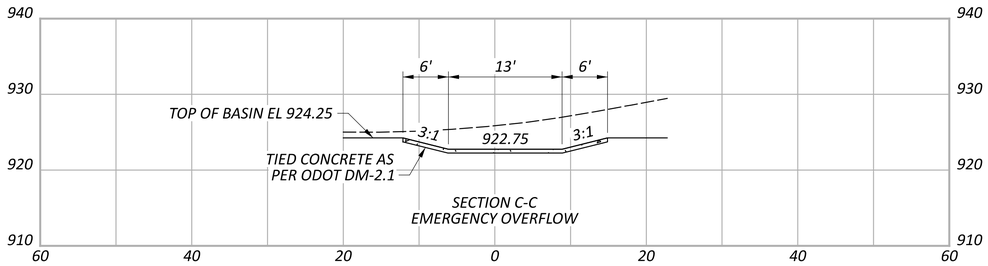


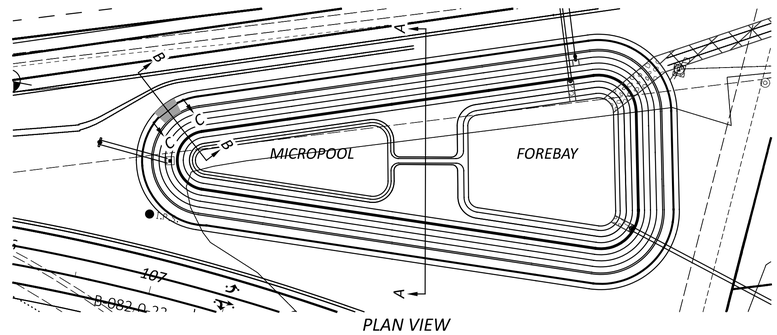
SECTION A-A
LOW FLOW CHANNEL



SECTION B-B
EMERGENCY OVERFLOW



SECTION C-C
EMERGENCY OVERFLOW



PLAN VIEW

LEGEND

A — TOP OF WATER QUALITY (ELEV. 921.50)

B — BOTTOM OF WATER QUALITY (ELEV. 918.00)

NOTES

1. SEE SHEET P.1161 FOR DETENTION BASIN PLAN AND PROFILE
2. SEE SHEET P.1163 FOR DETENION BASIN GRADING AND ACCESS PLAN

DETENTION BASIN DETAILS
SECTIONS

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER
CEF

REVIEWER
BAA 08/21/26

PROJECT ID
96808

SHEET P.1162 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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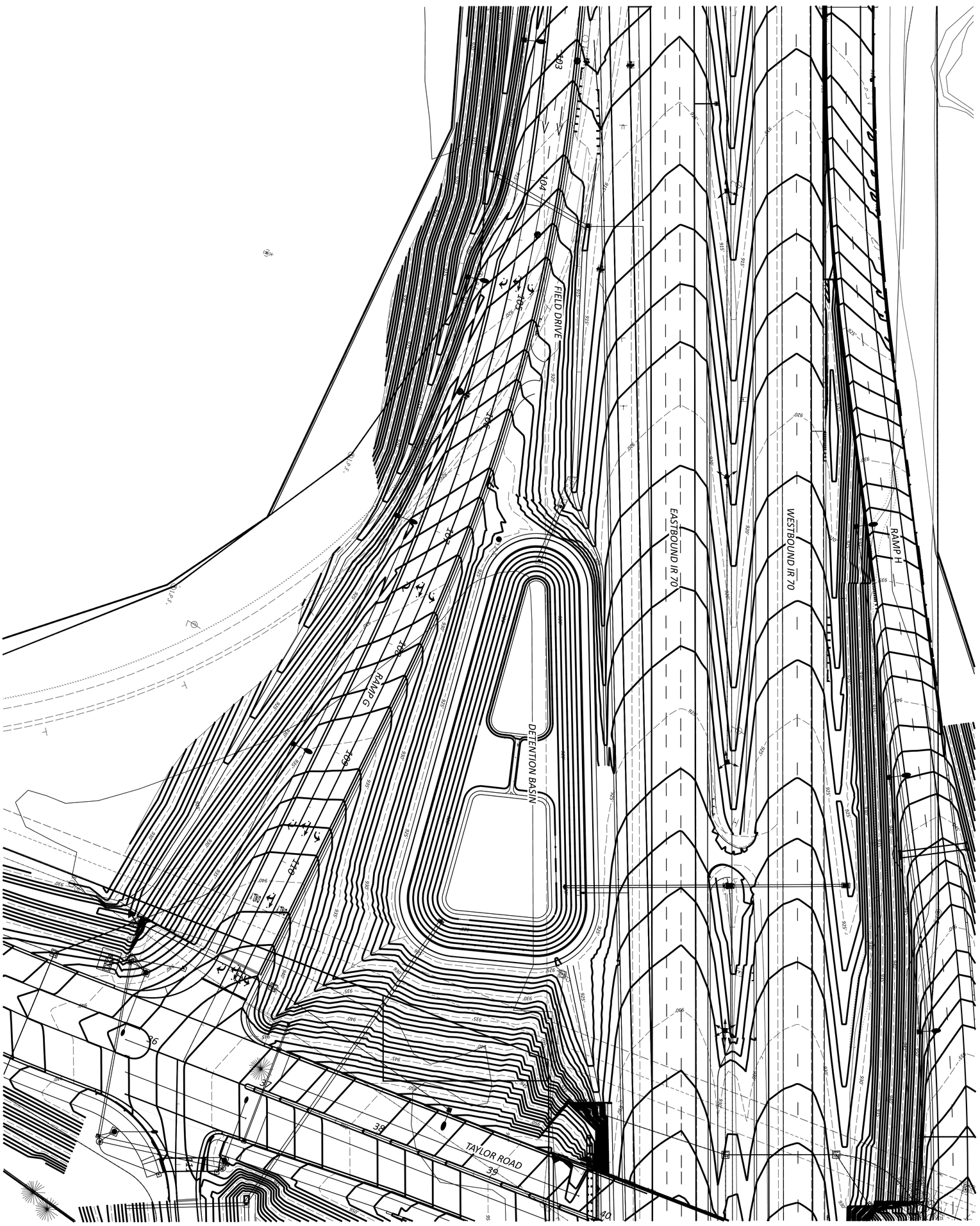


DESIGNER: CEF

REVIEWER: BAA 08/21/26

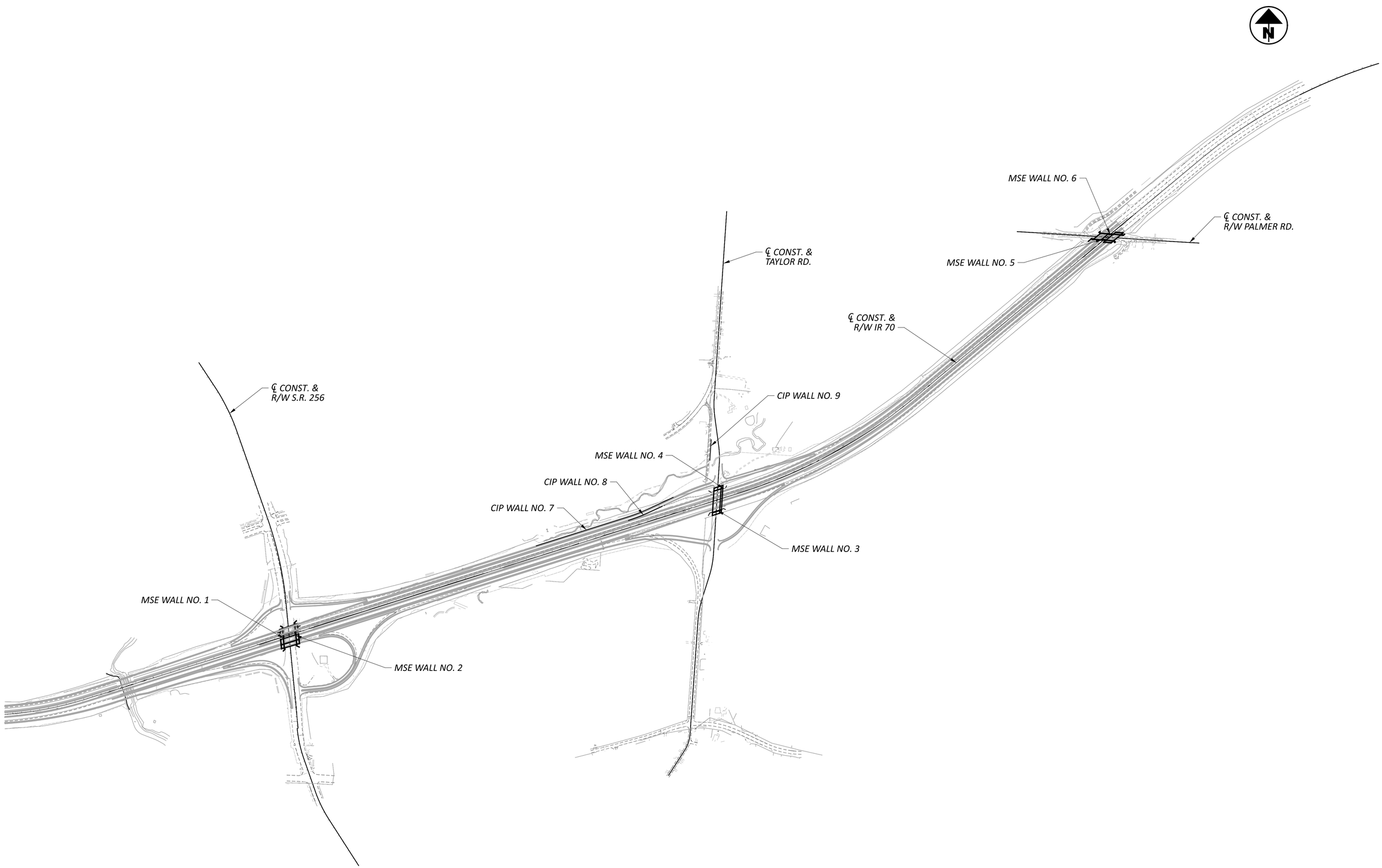
DESIGN AGENCY: CARPENTER MARTY transportation

PROJECT ID: 96808

SHEET: P.1163 TOTAL: P.2024

DETENTION BASIN DETAILS
GRADING AND ACCESS PLANS

HORIZONTAL SCALE IN FEET
0 50
25 100



HORIZONTAL SCALE IN FEET
0 5 10 20

SCHEMATIC PLAN
RETAINING WALLS

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 1 | TOTAL 6

SHEET P.1164 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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GENERAL NOTES - MSE RETAINING WALL WALLS

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

840 REVISED 01-17-25
867 REVISED 04-15-22
878 REVISED 01-21-22

DESIGN SPECIFICATIONS:

THE STRUCTURE CONFORMS TO THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 9TH EDITION, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN DATA:

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI
(LEVELING PAD / COPING)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (COPING)

DESIGN SUBMITTALS:

THE CONTRACTOR IS HEREBY NOTIFIED THAT THE MSE RETAINING WALL SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS PROVIDED IN SUPPLEMENTAL SPECIFICATION 840. AFTER THE AWARD OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT MSE RETAINING WALL DETAIL DESIGN PLANS (4 SETS), DESIGN CALCULATIONS (2 SETS), AND SHOP DRAWINGS PER 501.04 TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL BY THE DIRECTOR. THE PLANS FOR RETAINING WALLS SHALL BE PREPARED BY AN APPROVED MSE WALL SUPPLIER LISTED IN SUPPLEMENTAL SPECIFICATION 840. THE PLANS SHALL BE SUBMITTED EIGHT WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION OF THE WALLS AND THE CONTRACTOR SHALL ALLOW FOUR WEEKS FOR THE REVIEW BY ODOT.

PROPRIETARY RETAINING WALL DATA:

THE PROPRIETARY WALL SUPPLIER SHALL DESIGN THE INTERNAL STABILITY OF A MECHANICALLY STABILIZED EARTH (MSE) WALL IN ACCORDANCE WITH SS840 TO SUPPORT THE ABUTMENT. THE DESIGN FOR INTERNAL STABILITY SHALL INCLUDE A NOMINAL (I.E. UNFACTORED) HORIZONTAL STRIP LOAD DUE TO FRICTION (FR) FROM THE SUPERSTRUCTURE OF:

WALL NO. 1 = 1.4 K/FT
WALL NO. 2 = 1.4 K/FT
WALL NO. 3 = 1.8 K/FT
WALL NO. 4 = 1.8 K/FT
WALL NO. 5 = 1.0 K/FT
WALL NO. 6 = 1.0 K/FT

APPLIED PERPENDICULAR TO THE FACE OF WALL AT THE BASE OF THE CONCRETE FOOTING. THIS STRIP LOAD DOES NOT INCLUDE EARTH PRESSURE LOADS FROM THE ABUTMENT BACKFILL. HOWEVER, THE PROPRIETARY WALL SUPPLIER SHALL INCLUDE EARTH PRESSURE LOADS FROM THE ABUTMENT BACKFILL IN THE DESIGN CALCULATIONS.

FOUNDATION BEARING RESISTANCE:

THE MSE WALL REINFORCED SOIL MASS, AS DESIGNED, PRODUCES THE VALUES SHOWN IN THE TABLE BELOW.

FOUNDATION BEARING RESISTANCE			
WALL NUMBER	SERVICE LIMIT STATE BEARING PRESSURE	STRENGTH LIMIT STATE BEARING PRESSURE	FACTORED BEARING RESISTANCE
1	4.0 ksf	5.7 ksf	8.8 ksf
2	4.4 ksf	6.3 ksf	22.8 ksf
3	4.7 ksf	6.6 ksf	8.3 ksf
4	4.9 ksf	6.9 ksf	7.3 ksf
5	4.3 ksf	6.1 ksf	7.4 ksf
6	4.9 ksf	5.3 ksf	6.1 ksf

ITEM 613 - LOW STRENGTH MORTAR BACKFILL, AS PER PLAN:

LOW STRENGTH MORTAR (LSM) USED AS BACKFILL BEHIND SEMI-INTEGRAL ABUTMENT DIAPHRAGMS SHALL HAVE A LONG TERM COMPRESSIVE STRENGTH BETWEEN 150 AND 200 PSI. THE TOP ELEVATION SHALL BE AT LEAST 6" BELOW THE PROPOSED BOTTOM OF APPROACH SLAB AND ANY FORMWORK BETWEEN THE LSM BACKFILL AND SEMI-INTEGRAL DIAPHRAGM SHALL BE COMPLETELY REMOVED.

THE QUANTITY IN THE PLANS ASSUMES A 1.5:1 SLOPE OF BOTTOM OF LSM ELEVATION UP TO 2' BELOW THE PROPOSED TOP OF LSM ELEVATION (WHERE A VERTICAL END OF THE ITEM 613 IS ASSUMED). ADDITIONAL LSM BEYOND THESE LIMITS IS INCLUDED WITH ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN.

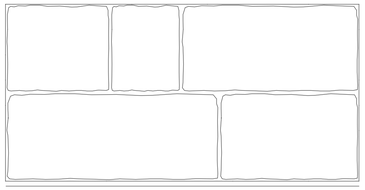
PERFORMING THE LIMITS REQUIRED FOR BACKFILL BEHIND THE SEMI-INTEGRAL ABUTMENT DIAPHRAGMS SHALL BE INCLUDED FOR PAYMENT WITH THIS ITEM. PAYMENT FOR ITEM 613 - LOW STRENGTH MORTAR BACKFILL, AS PER PLAN SHALL BE CONSIDERED FULL PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO PERFORM THE WORK TO THE LIMITS SPECIFIED.

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED MSE WALL PANELS OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHOULD BE MADE (OR THE SIZE AS THE TYPICAL MSE WALL PANELS). THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED TO MAKE THE MSE WALL PANELS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 840 - AESTHETIC SURFACE TREATMENT.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS
ARE USED THROUGHOUT THE RETAINING WALL PLANS.

APP. = APPROACH
BRG. = BEARING
BOTT. = BOTTOM
CB = CATCH BASIN
C.I.P. = CAST-IN-PLACE
C.J. = CONSTRUCTION JOINT
CLR. = CLEARANCE
CONST. = CONSTRUCTION
DWG. = DRAWING
EL. = ELEVATION
EX. = EXISTING
EXP. = EXPANSION
F.A. = FORWARD ABUTMENT
F.F. = FRONT FACE
FTG. = FOOTING
INV. = INVERT
NPCCP = NON-PERFORATED CORRUGATED PLASTIC PIPE
PCCP = PERFORATED CORRUGATED PLASTIC PIPE
PEJF = PREFORMED EXPANSION JOINT FILLER
PROP. = PROPOSED
PT. = POINT
R.A. = REAR ABUTMENT
SHLD. = SHOULDER
SPA. = SPACES
STA. = STATION
STD. = STANDARD
STM = STORM SEWER LINE
T/S = TOP OF SLOPE
TYP. = TYPICAL

GENERAL NOTES
MSE WALLS NO. 1-6

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 2 | TOTAL 6

SHEET P.1165 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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MSE WALL NO 1 ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 08/10/26
CHECKED BY: ABD DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	819	CY	EMBANKMENT				819	
203	35110	830	CY	GRANULAR MATERIAL, TYPE B				830	
512	10050	411	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				411	
613	41201	437	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				437	2/5
840	20000	4431	SF	MECHANICALLY STABILIZED EARTH WALL				4431	
840	21000	6009	CY	WALL EXCAVATION				6009	
840	22000	651	SY	FOUNDATION PREPARATION				651	
840	23000	3660	CY	SELECT GRANULAR BACKFILL				3660	
840	23050	47	CY	NATURAL SOIL				47	
840	25010	665	FT	6" DRAINAGE PIPE, PERFORATED				665	
840	25020	30	FT	6" DRAINAGE PIPE, NON-PERFORATED				30	
840	26001	295	FT	CONCRETE COPING, AS PER PLAN				295	5/5
840	26050	4431	SF	AESTHETIC SURFACE TREATMENT				4431	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

MSE WALL NO 2 ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 08/10/26
CHECKED BY: ABD DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	978	CY	EMBANKMENT				978	
203	35110	949	CY	GRANULAR MATERIAL, TYPE B				949	
512	10050	531	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				531	
613	41201	497	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				497	2/5
840	20000	5628	SF	MECHANICALLY STABILIZED EARTH WALL				5628	
840	21000	7170	CY	WALL EXCAVATION				7170	
840	22000	751	SY	FOUNDATION PREPARATION				751	
840	23000	4367	CY	SELECT GRANULAR BACKFILL				4367	
840	23050	52	CY	NATURAL SOIL				52	
840	25010	730	FT	6" DRAINAGE PIPE, PERFORATED				730	
840	25020	30	FT	6" DRAINAGE PIPE, NON-PERFORATED				30	
840	26001	320	FT	CONCRETE COPING, AS PER PLAN				320	5/5
840	26050	5628	SF	AESTHETIC SURFACE TREATMENT				5628	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

ESTIMATED QUANTITIES - 1
MSE WALLS NO. 1-2

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 3 | TOTAL 6

SHEET P.1166 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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MSE WALL NO 3 ESTIMATED QUANTITIES

CALCULATED BY: BWJ DATE: 08/10/26
CHECKED BY: JCS DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	707	CY	EMBANKMENT				707	
203	35110	771	CY	GRANULAR MATERIAL, TYPE B				771	
512	10050	247	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				247	
613	41201	191	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				191	2/5
840	20000	3689	SF	MECHANICALLY STABILIZED EARTH WALL				3689	
840	21000	2857	CY	WALL EXCAVATION				2857	
840	22000	575	SY	FOUNDATION PREPARATION				575	
840	23000	3436	CY	SELECT GRANULAR BACKFILL				3436	
840	23050	81	CY	NATURAL SOIL				81	
840	25010	214	FT	6" DRAINAGE PIPE, PERFORATED				214	
840	25020	6	FT	6" DRAINAGE PIPE, NON-PERFORATED				6	
840	26001	215	FT	CONCRETE COPING, AS PER PLAN				215	5/5
840	26050	3689	SF	AESTHETIC SURFACE TREATMENT				3689	
840	27000	3	DAY	ON-SITE ASSISTANCE				3	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				1	

MSE WALL NO 4 ESTIMATED QUANTITIES

CALCULATED BY: BWJ DATE: 08/10/26
CHECKED BY: JCS DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	733	CY	EMBANKMENT				733	
203	35110	820	CY	GRANULAR MATERIAL, TYPE B				820	
512	10050	288	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				288	
613	41201	210	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				210	2/5
840	20000	3983	SF	MECHANICALLY STABILIZED EARTH WALL				3983	
840	21000	2961	CY	WALL EXCAVATION				2961	
840	22000	613	SY	FOUNDATION PREPARATION				613	
840	23000	3864	CY	SELECT GRANULAR BACKFILL				3864	
840	23050	95	CY	NATURAL SOIL				95	
840	25010	220	FT	6" DRAINAGE PIPE, PERFORATED				220	
840	25020	28	FT	6" DRAINAGE PIPE, NON-PERFORATED				28	
840	26001	218	FT	CONCRETE COPING, AS PER PLAN				218	5/5
840	26050	3983	SF	AESTHETIC SURFACE TREATMENT				3983	
840	27000	3	DAY	ON-SITE ASSISTANCE				3	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				1	

ESTIMATED QUANTITIES - 2
MSE WALLS NO. 3-4

DESIGN AGENCY
AMENTUM STRUCTUREPOINT INC.

DESIGNER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 TOTAL 6
SHEET P.1167 TOTAL P.2024

FAI/LIC-70.0.00/0.00

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MSE WALL NO 5 ESTIMATED QUANTITIES

CALCULATED BY: ABD DATE: 08/10/26
CHECKED BY: SJF DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	867	CY	EMBANKMENT				867	
203	35110	1505	CY	GRANULAR MATERIAL, TYPE B				1505	
512	10050	571	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				571	
613	41201	228	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				228	2/5
840	20000	5398	SF	MECHANICALLY STABILIZED EARTH WALL				5398	
840	21000	1560	CY	WALL EXCAVATION				1560	
840	22000	724	SY	FOUNDATION PREPARATION				724	
840	23000	3146	CY	SELECT GRANULAR BACKFILL				3146	
840	23050	76	CY	NATURAL SOIL				76	
840	25010	670	FT	6" DRAINAGE PIPE, PERFORATED				670	
840	25020	25	FT	6" DRAINAGE PIPE, NON-PERFORATED				25	
840	26001	323	FT	CONCRETE COPING, AS PER PLAN				323	5/5
840	26050	5398	SF	AESTHETIC SURFACE TREATMENT				5398	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

MSE WALL NO 6 ESTIMATED QUANTITIES

CALCULATED BY: ABD DATE: 08/10/26
CHECKED BY: SJF DATE: 08/17/26

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
203	20000	867	CY	EMBANKMENT				867	
203	35110	1430	CY	GRANULAR MATERIAL, TYPE B				1430	
512	10050	571	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)				571	
613	41201	303	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN				303	2/5
840	20000	5398	SF	MECHANICALLY STABILIZED EARTH WALL				5398	
840	21000	1560	CY	WALL EXCAVATION				1560	
840	22000	724	SY	FOUNDATION PREPARATION				724	
840	23000	3146	CY	SELECT GRANULAR BACKFILL				3146	
840	23050	76	CY	NATURAL SOIL				76	
840	25010	670	FT	6" DRAINAGE PIPE, PERFORATED				670	
840	25020	25	FT	6" DRAINAGE PIPE, NON-PERFORATED				25	
840	26001	323	FT	CONCRETE COPING, AS PER PLAN				323	5/5
840	26050	5398	SF	AESTHETIC SURFACE TREATMENT				5398	
840	27000	5	DAY	ON-SITE ASSISTANCE				5	
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING				LS	
867	00100		LS	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL				LS	

ESTIMATED QUANTITIES - 2
MSE WALLS NO. 5-6

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 5 | TOTAL 6

SHEET P.1168 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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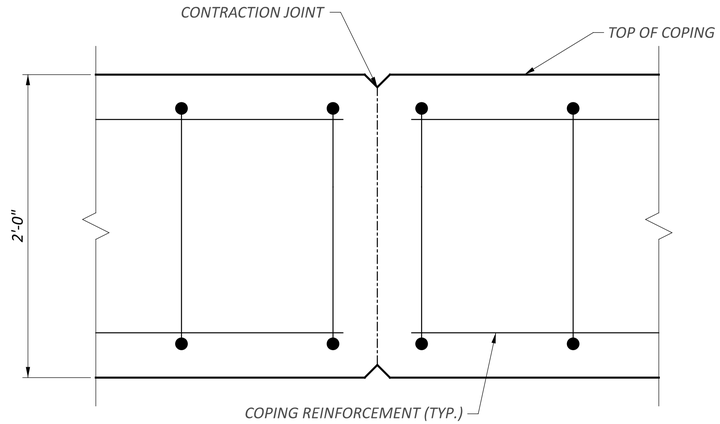
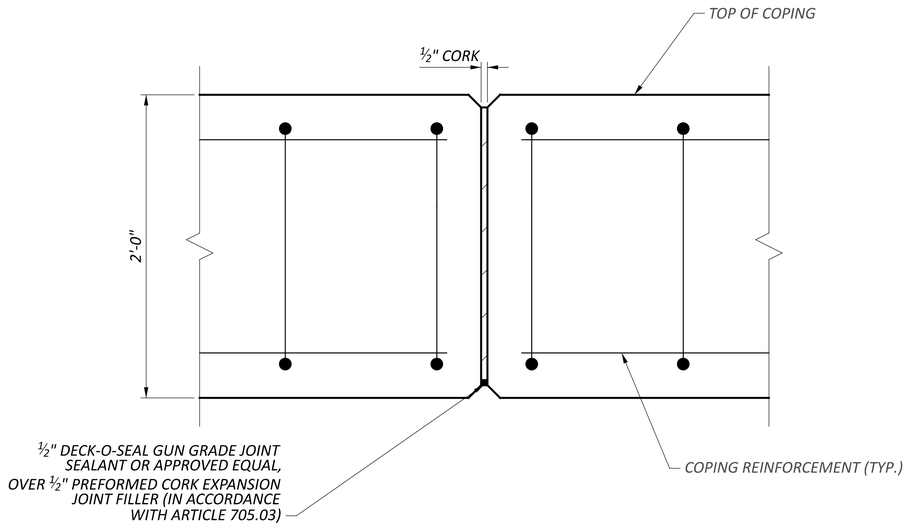
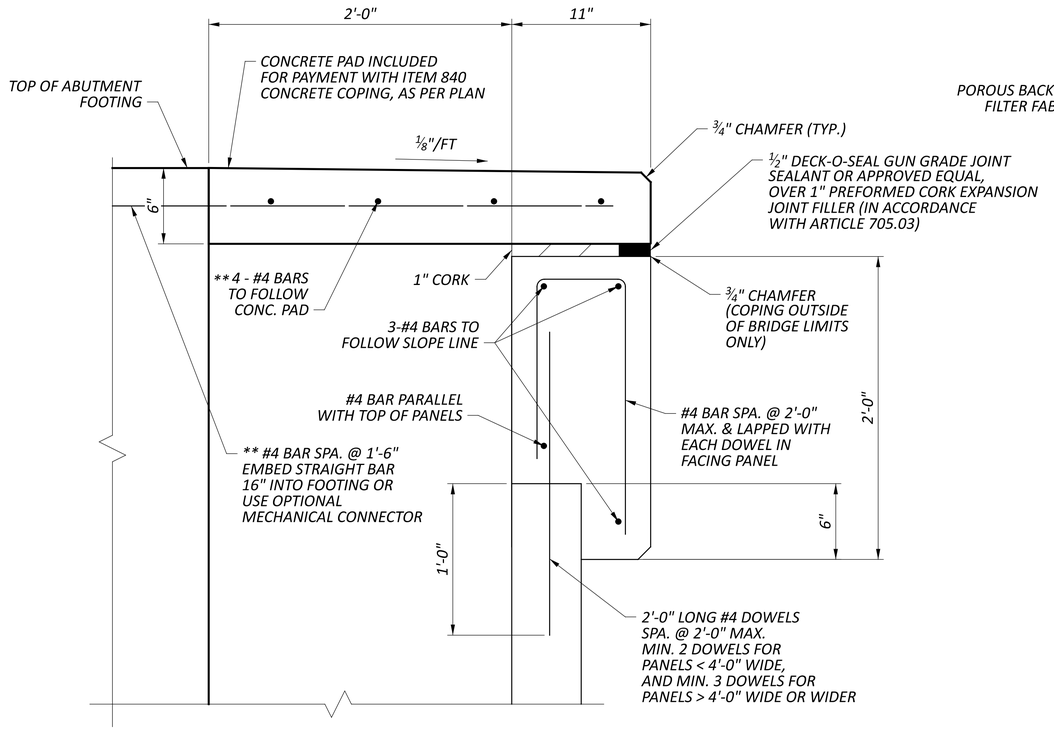


COPING CONTRACTION JOINT

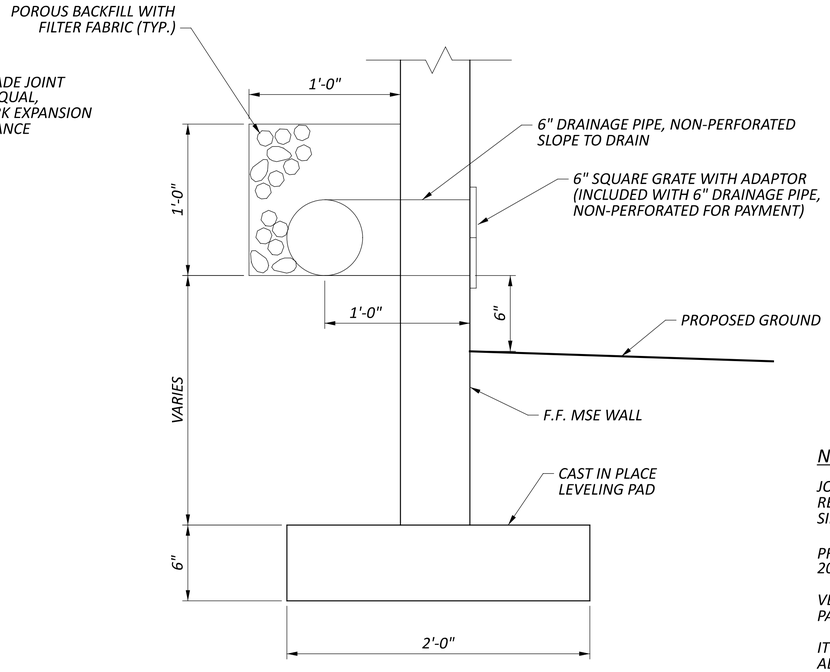


COPIING EXPANSION JOINT



TYPICAL MSE WALL COPING

** CONCRETE PAD REINFORCING STEEL DETAILS AND PAYMENT INCLUDED IN BRIDGE PLANS



OUTLET DETAIL

NOTES:

JOINTS IN COPING SHALL COINCIDE WITH ℄ OF PANEL JOINT. REINFORCING STEEL SHALL BE STOPPED 2" SHORT OF EACH SIDE OF THE JOINTS.

PROVIDE ½" EXPANSION JOINTS AT MAXIMUM SPACING OF 20'-0" TO COINCIDE WITH PANEL JOINTS.

VERTICAL REINFORCING STEEL SHALL CLEAR EITHER SIDE OF PANEL JOINTS BY 2" MINIMUM.

ITEM 840, CONCRETE COPING, AS PER PLAN SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE CONCRETE COPING AND CONCRETE PAD AS SHOWN IN THE PLANS. IN ADDITION TO THE REQUIREMENTS OF SS840, THIS INCLUDES 1" & ½" PREFORMED CORK EXPANSION JOINT FILLER AND DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL.

MSE WALL TYPICAL DETAILS
MSE WALLS NO. 1-6

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET / TOTAL	6 / 6
SHEET / TOTAL	P.1169 / P.2024

FAI/LIC-70.0.00/0.00

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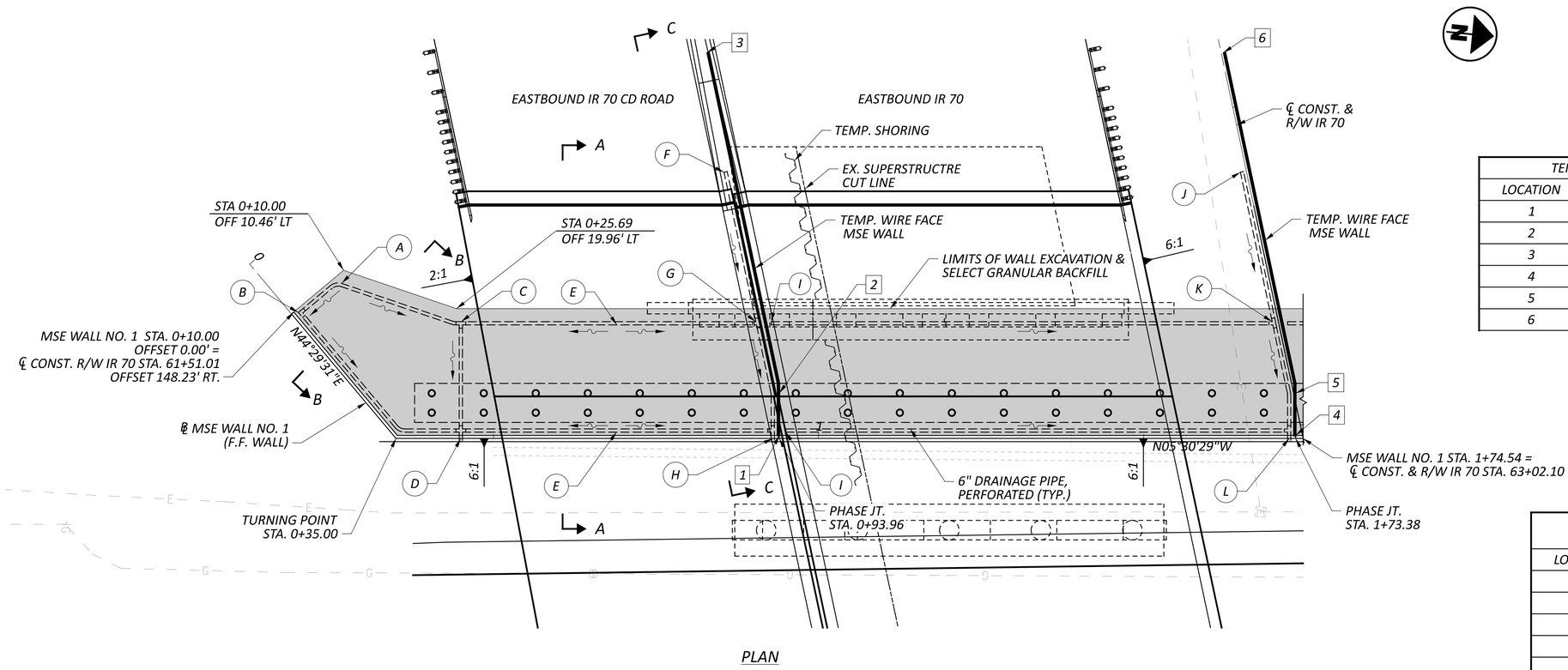
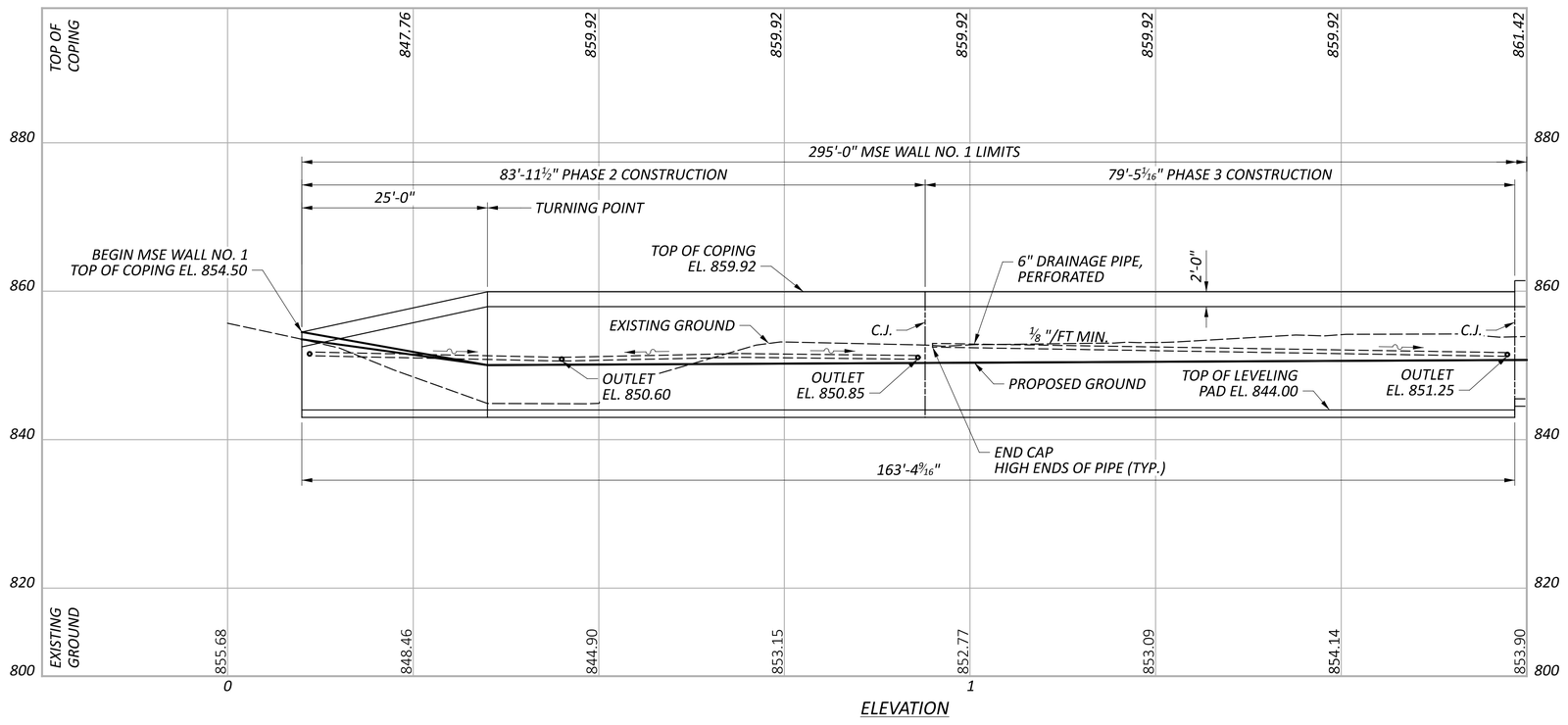


PLAN



ELEVATION

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
1	0+93.96	0.49' LT.
2	0+93.96	6.95' LT.
3	0+82.83	59.34' LT.
4	1+73.38	0.49' LT.
5	1+73.38	6.95' LT.
6	1+62.25	59.34' LT.

MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
A	851.40
B	851.20
C	850.90
D	850.60
E	851.45
F	**
G	851.15
H	850.85
I	852.90
J	**
K	851.60
L	851.25

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 1 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
MSE WALL NO. 1
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 TOTAL 6
SHEET P.1170 TOTAL P.2024

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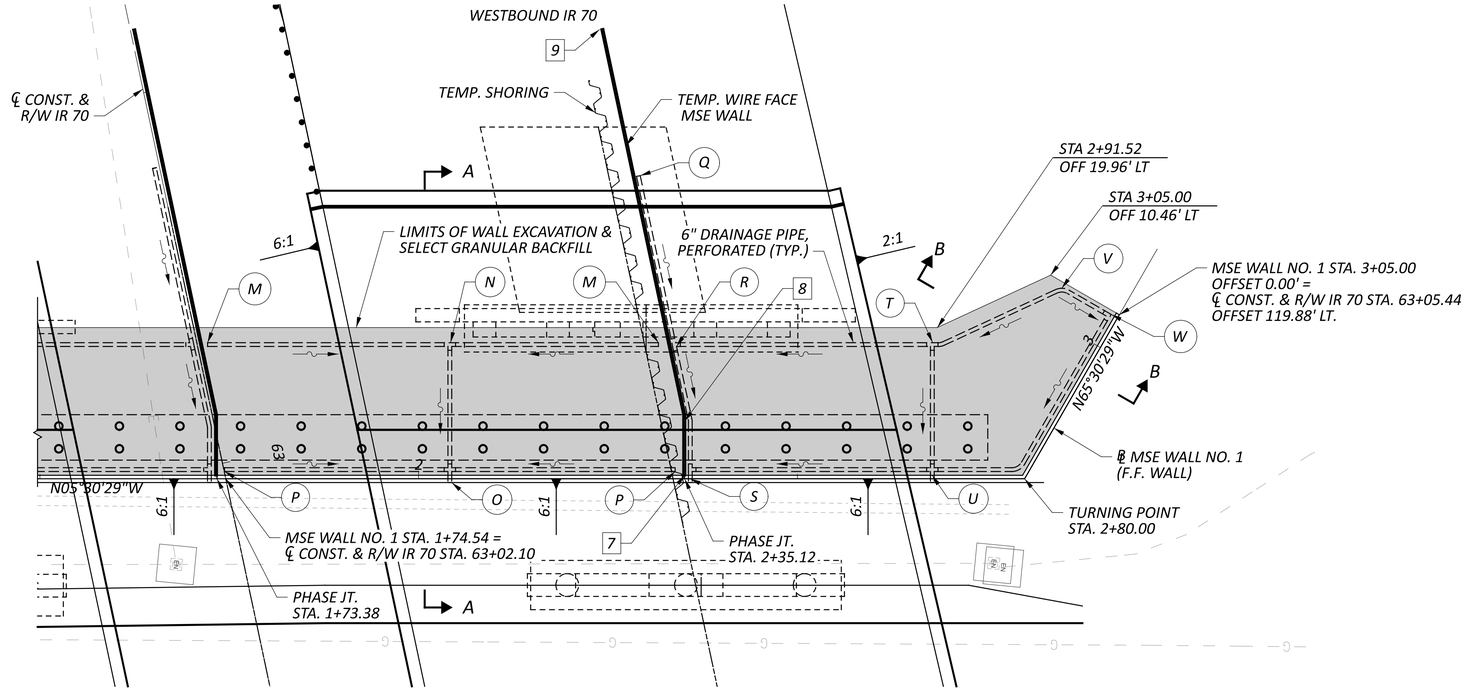
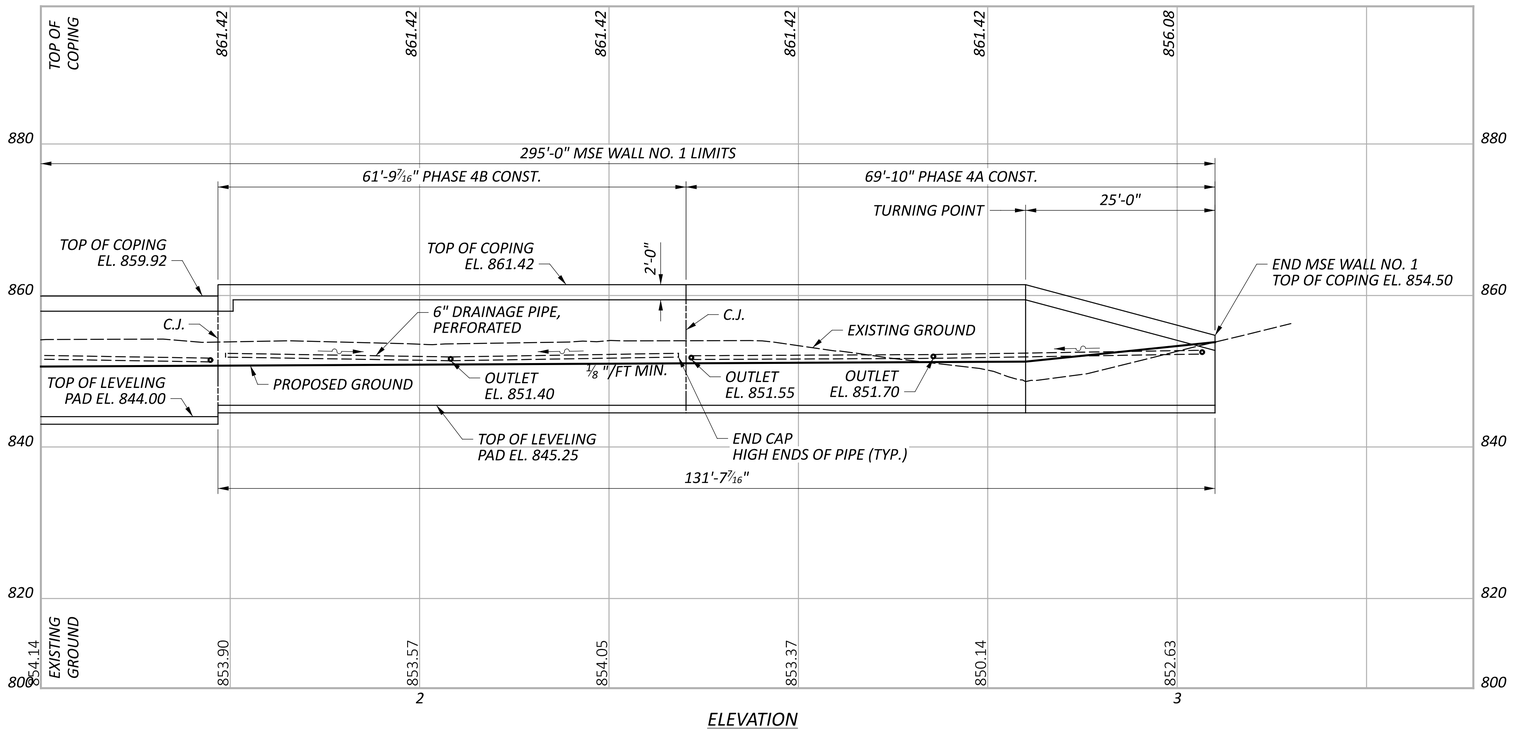


PLAN

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
7	2+35.12	0.49' LT.
8	2+35.12	6.95' LT.
9	2+24.12	59.34' LT.

MSE WALL NO. 1 DRAINAGE TABLE	
LOCATION	ELEVATION
M	852.20
N	851.70
O	851.40
P	851.90
Q	**
R	851.80
S	851.55
T	852.00
U	851.70
V	852.50
W	852.30

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 1 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
MSE WALL NO. 1
I 70 OVER SR 256

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL STRUCTUREPOINT INC.

DESIGNER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 2 TOTAL 6
SHEET P.1171 TOTAL P.2024

FAI/LIC-70.0.00/0.00

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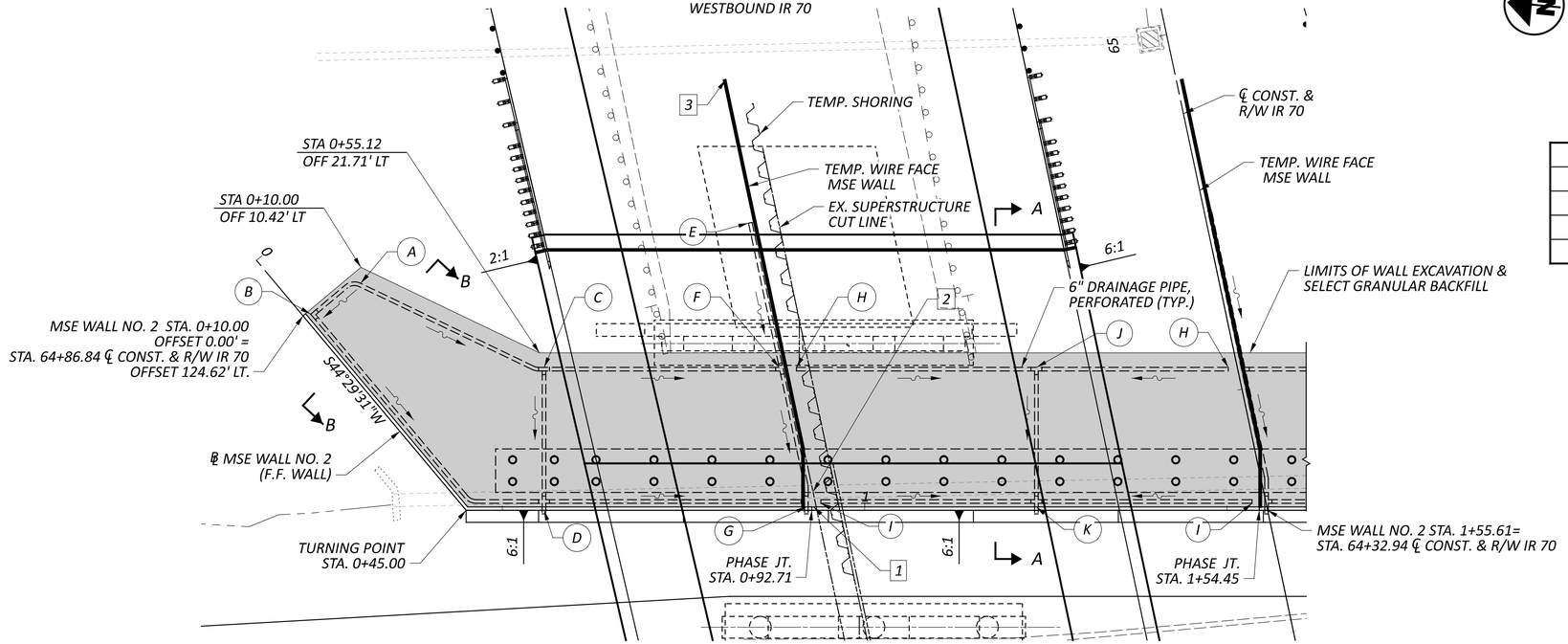
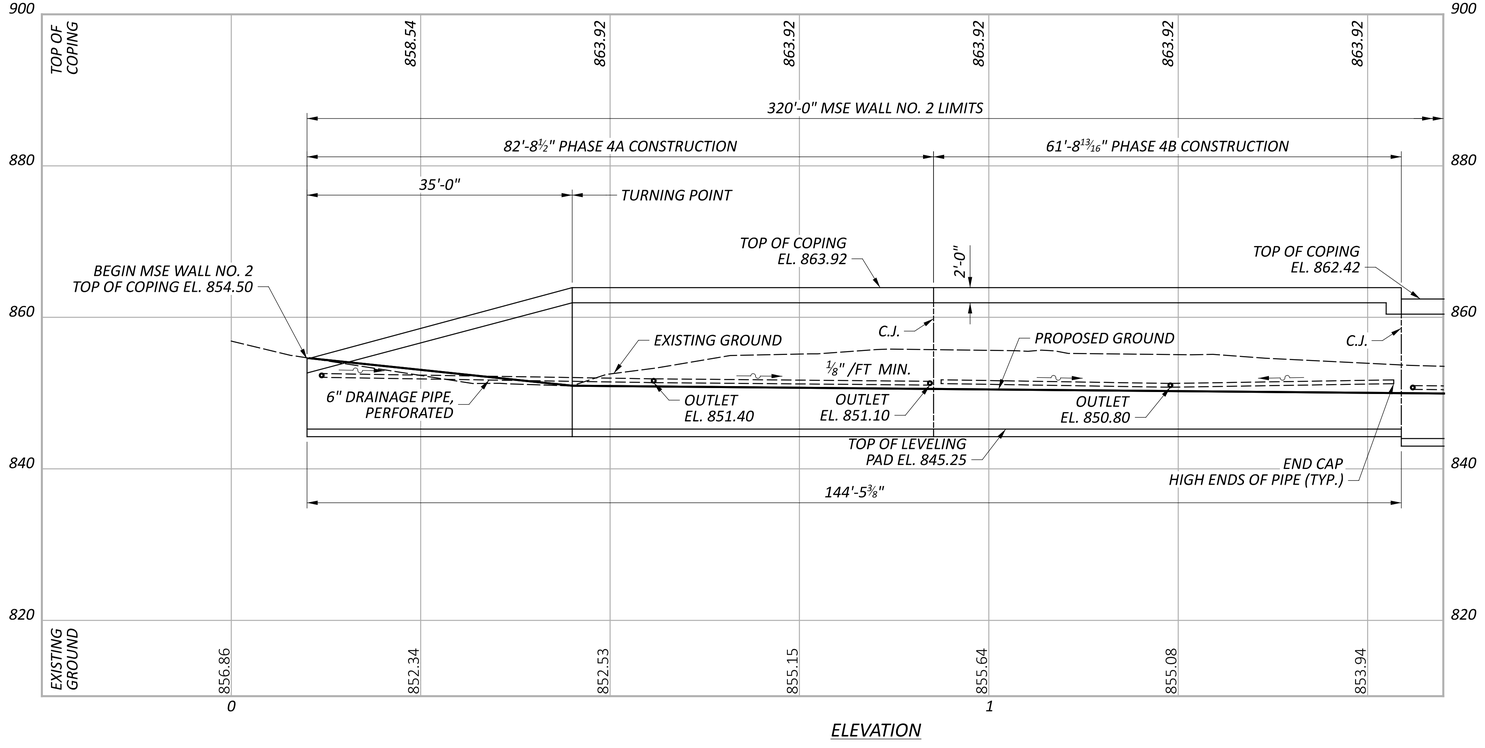


PLAN

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
1	0+92.71	0.46' LT.
2	0+92.71	4.33' LT.
3	0+80.83	59.23' LT.



ELEVATION

MSE WALL NO. 2 DRAINAGE TABLE	
LOCATION	ELEVATION
A	852.20
B	852.00
C	851.80
D	851.40
E	**
F	851.50
G	851.10
H	851.80
I	851.30
J	851.20
K	850.80

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-& A B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 2 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
MSE WALL NO. 2
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	3
TOTAL	6
SHEET	P.1172
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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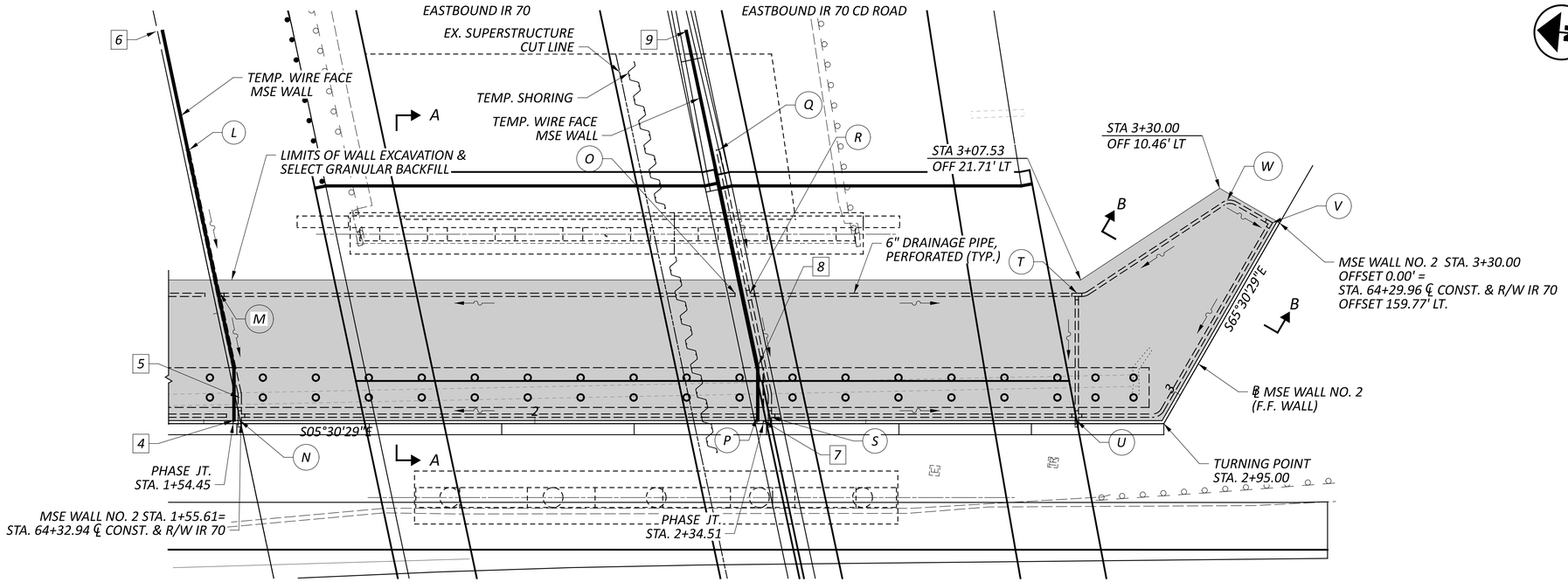
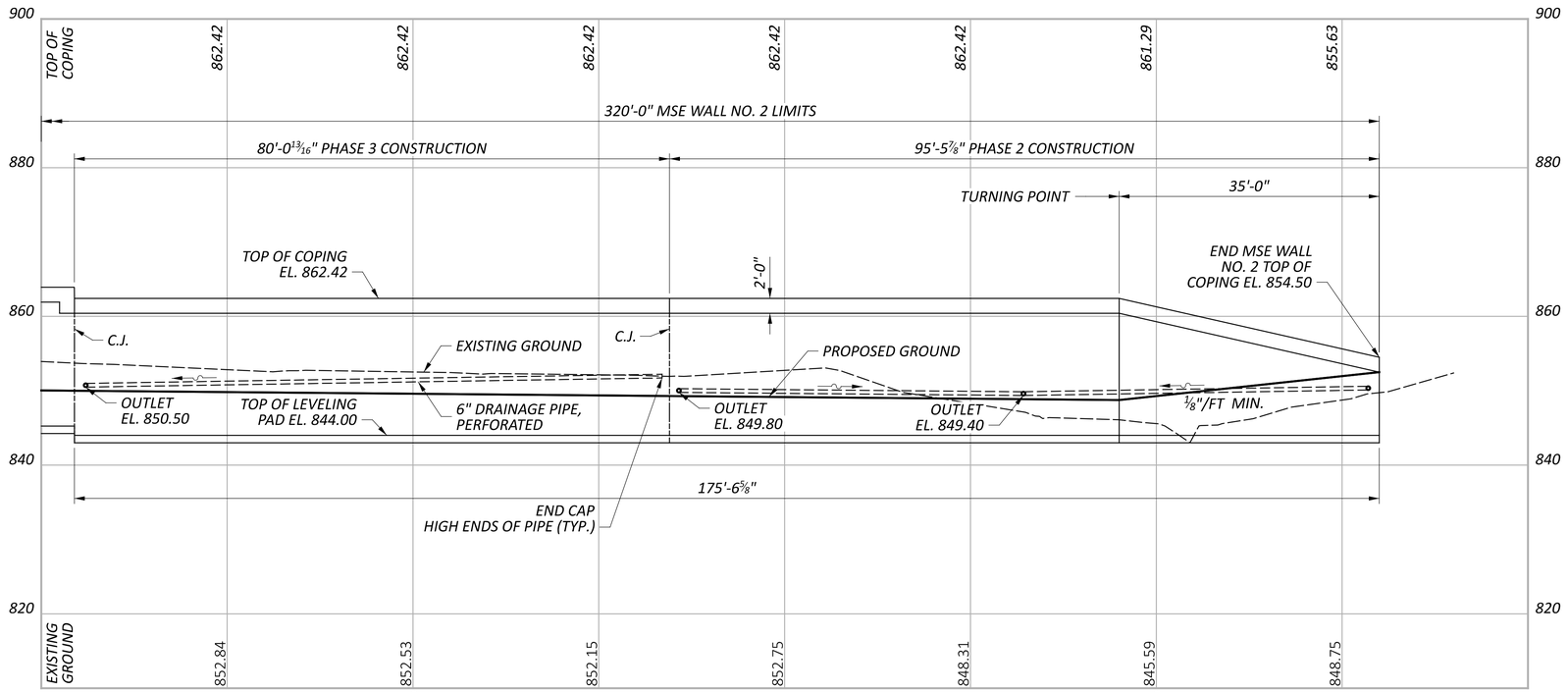


PLAN



ELEVATION

TEMP. WIRE FACE MSE WALL		
LOCATION	STATION	OFFSET
4	1+54.45	0.46' LT.
5	1+54.45	4.33' LT.
6	1+42.78	59.23' LT.
7	2+34.51	0.46' LT.
8	2+34.51	4.33' LT.
9	2+22.84	59.23' LT.

MSE WALL NO. 2 DRAINAGE TABLE	
LOCATION	ELEVATION
L	**
M	850.90
N	850.50
O	852.40
P	851.80
Q	**
R	850.20
S	849.80
T	849.80
U	849.40
V	850.20
W	850.40

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-& A B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 2 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
MSE WALL NO. 2
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	4
TOTAL	6
SHEET	P.1173
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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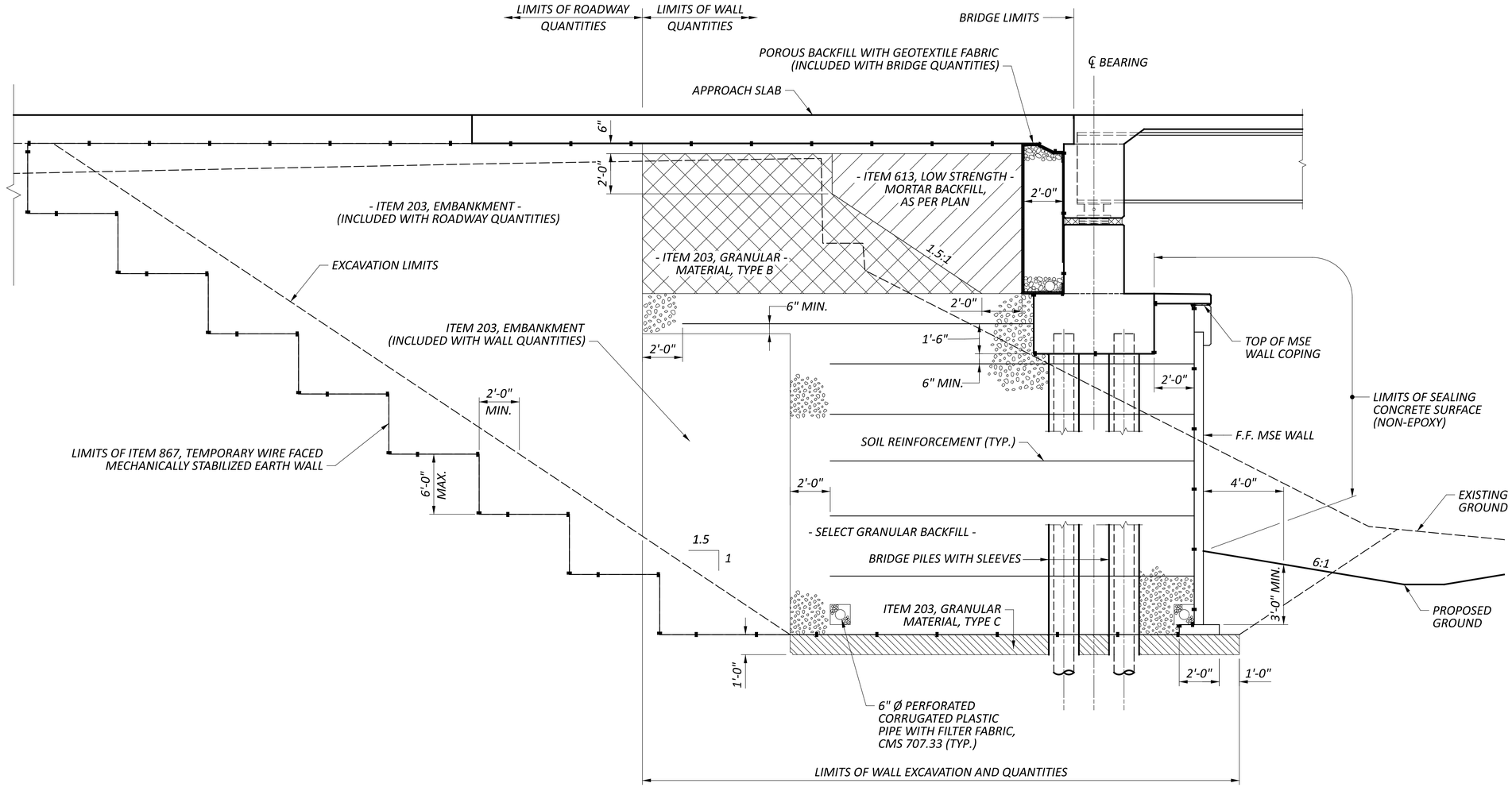

SECTION A-A

TYPICAL SECTION - 1
MSE WALLS NO. 1 & 2
I 70 OVER SR 256

FAI/LIC-70.0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

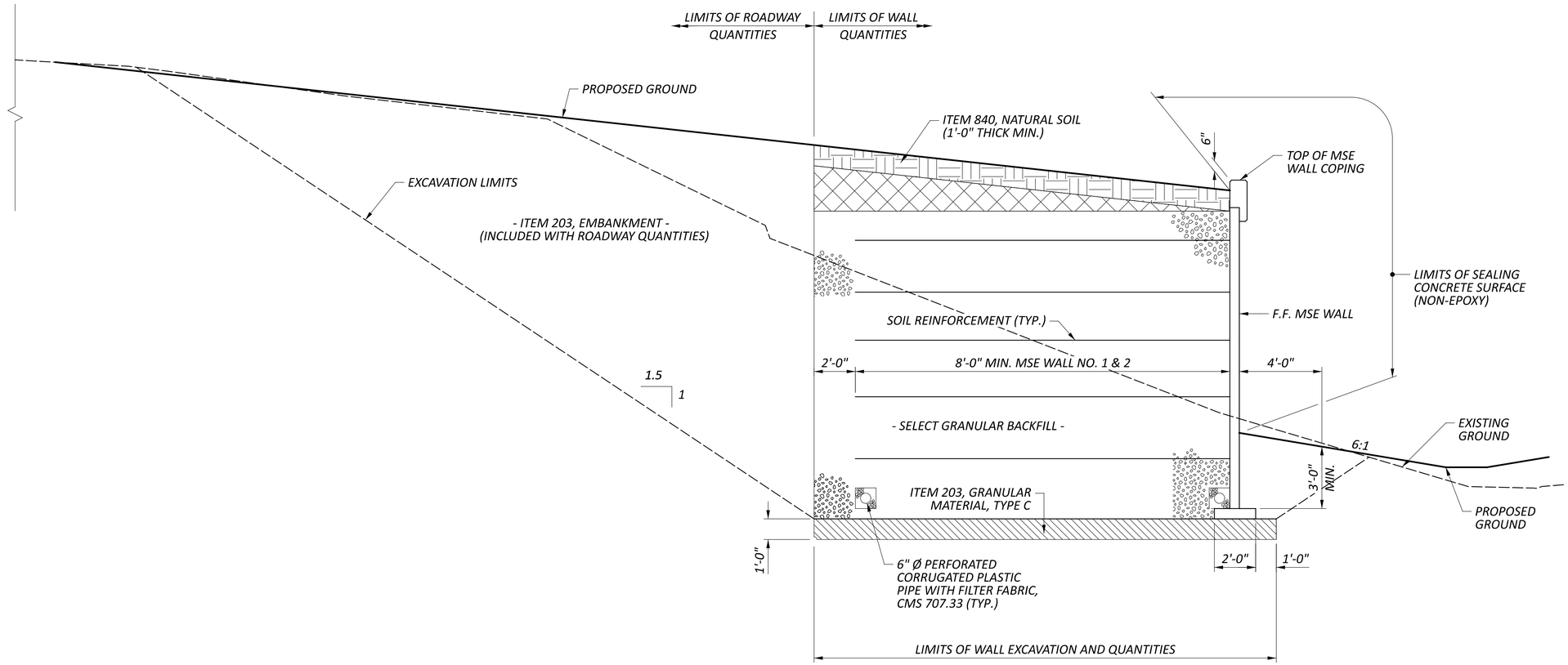
DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 5 | TOTAL 6

SHEET P.1174 | TOTAL P.2024



SECTION B-B

TYPICAL SECTION - 2
MSE WALLS NO. 1 & 2
I 70 OVER SR 256

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 6 | TOTAL 6

SHEET P.1175 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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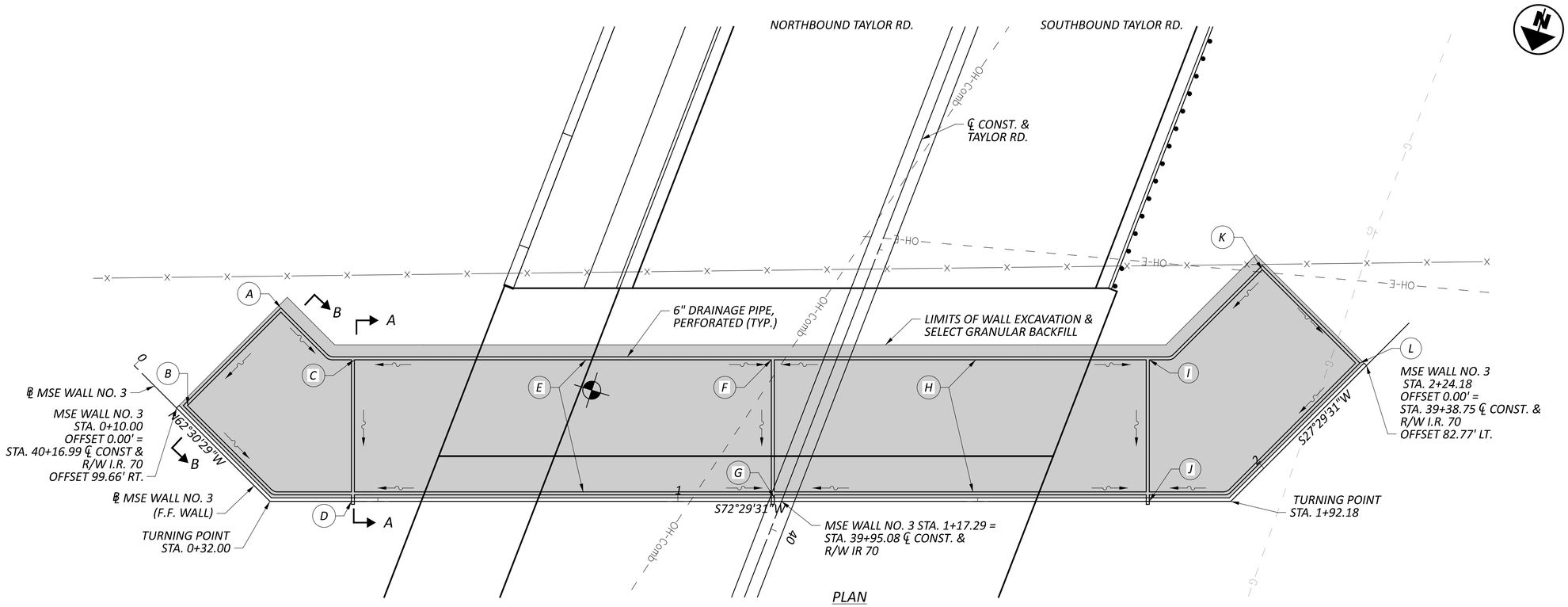
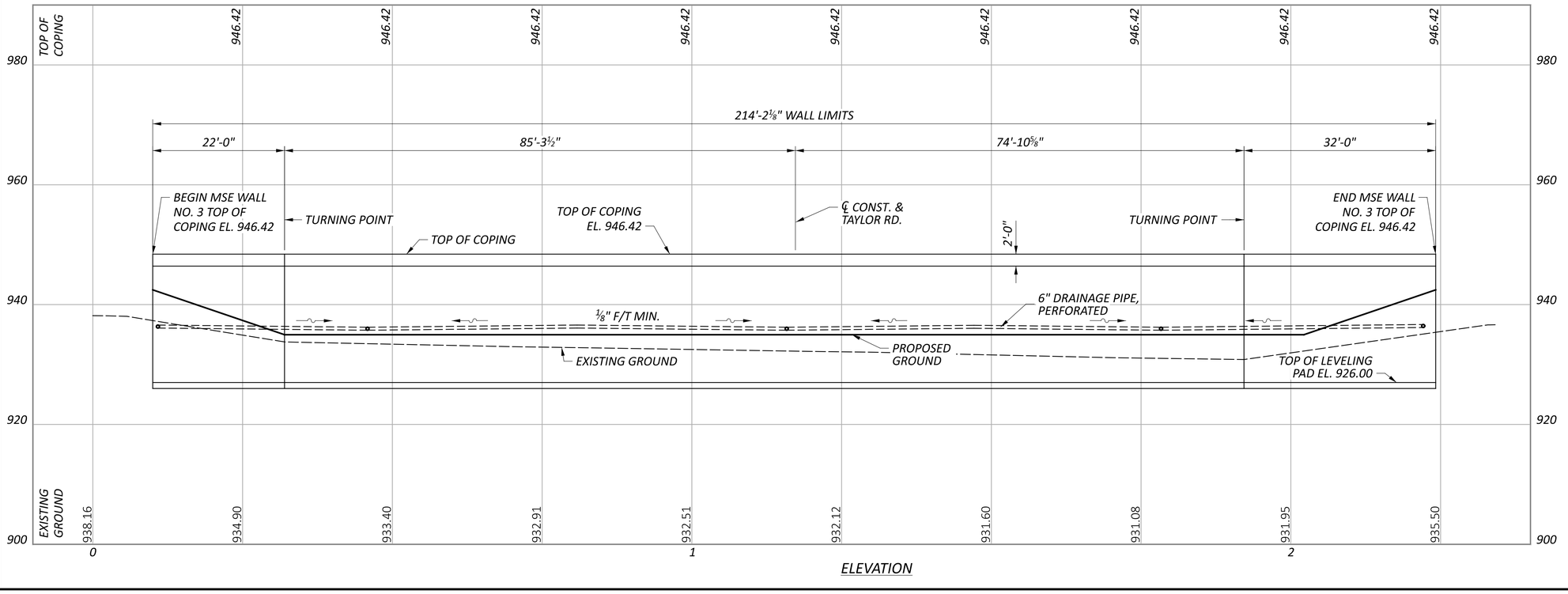


PLAN

MSE WALL NO. 3 DRAINAGE TABLE	
LOCATION	ELEVATION
A	936.50
B	936.20
C	936.05
D	935.75
E	936.50
F	936.05
G	935.75
H	936.50
I	936.05
J	935.75
K	936.60
L	936.30



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 3-4/4.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 3 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION MSE WALL NO. 3 TAYLOR RD OVER I70

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	1
TOTAL	4
SHEET	P.1176
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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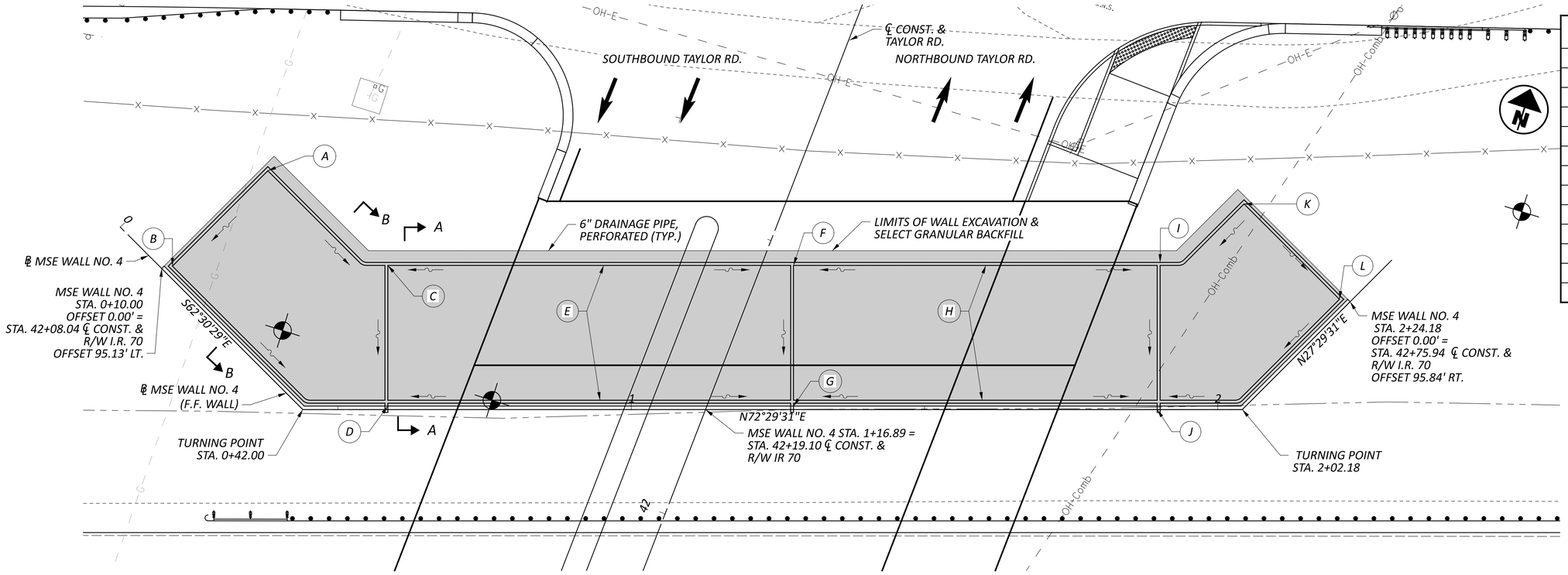
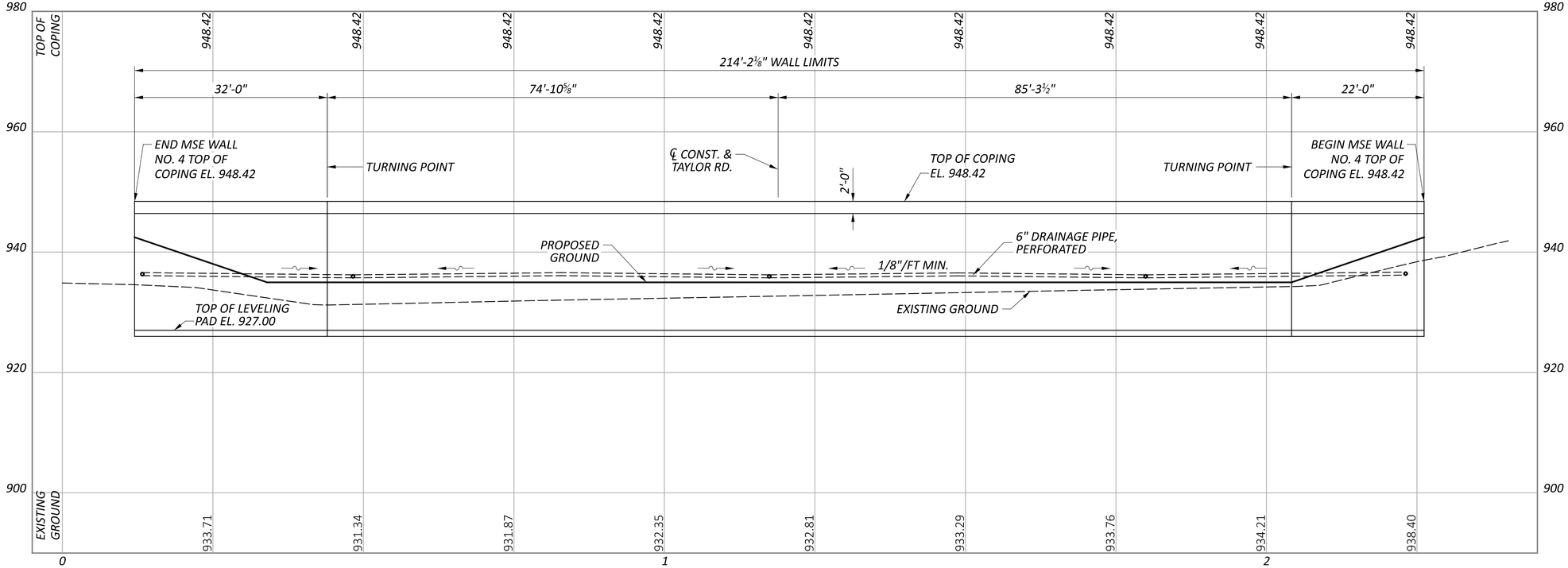


PLAN

MSE WALL NO. 4 DRAINAGE TABLE	
LOCATION	ELEVATION
A	936.60
B	936.30
C	936.05
D	935.75
E	936.50
F	936.05
G	935.75
H	936.50
I	936.05
J	935.75
K	936.60
L	936.30



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 3-4/4.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 4 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION MSE WALL NO. 4 TAYLOR RD OVER I70

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 2 TOTAL 4
SHEET P.1177 TOTAL P.2024

FAI/LIC-70.0.00/0.00

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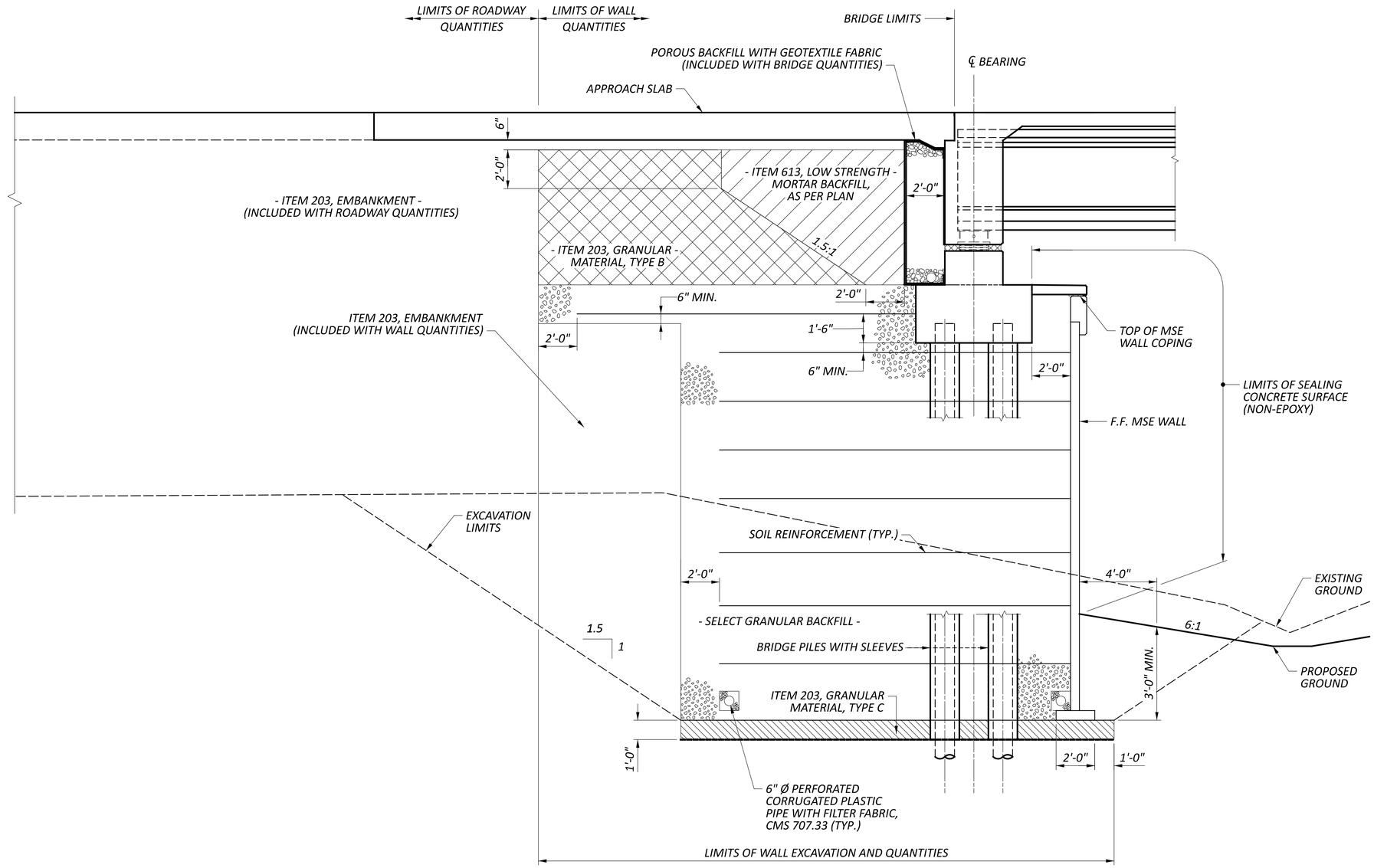

SECTION A-A

TYPICAL SECTION - 1
MSE WALLS NO. 3 & 4
TAYLOR RD OVER I70

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER
SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 3 | TOTAL 4

SHEET P.1178 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

MODEL: wall 1-2 typ section PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:29:04 AM USER: brieder
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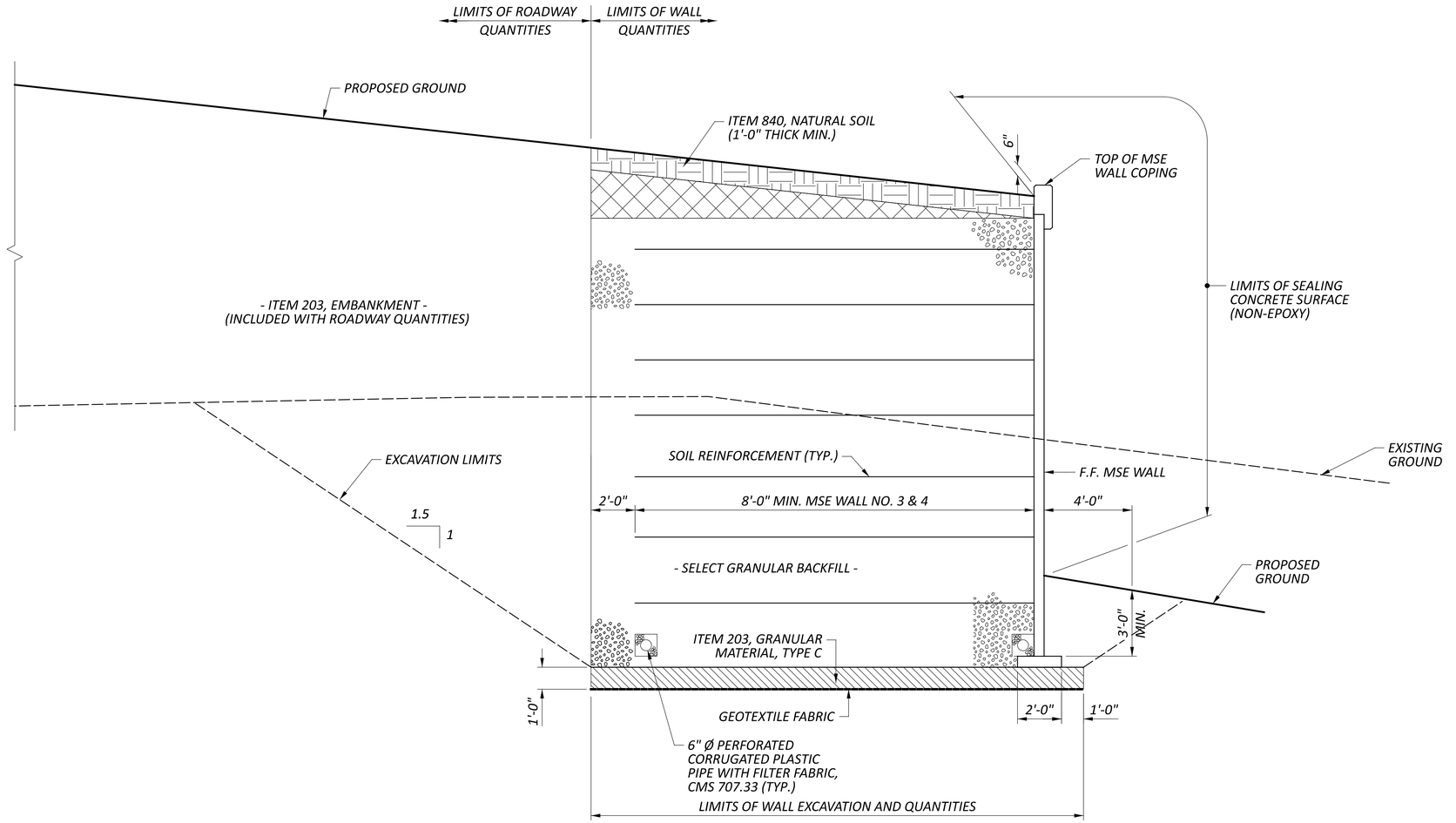

SECTION B-B

TYPICAL SECTION - 2
MSE WALLS NO. 3 & 4
TAYLOR RD OVER I70

FAI/LIC-70.0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

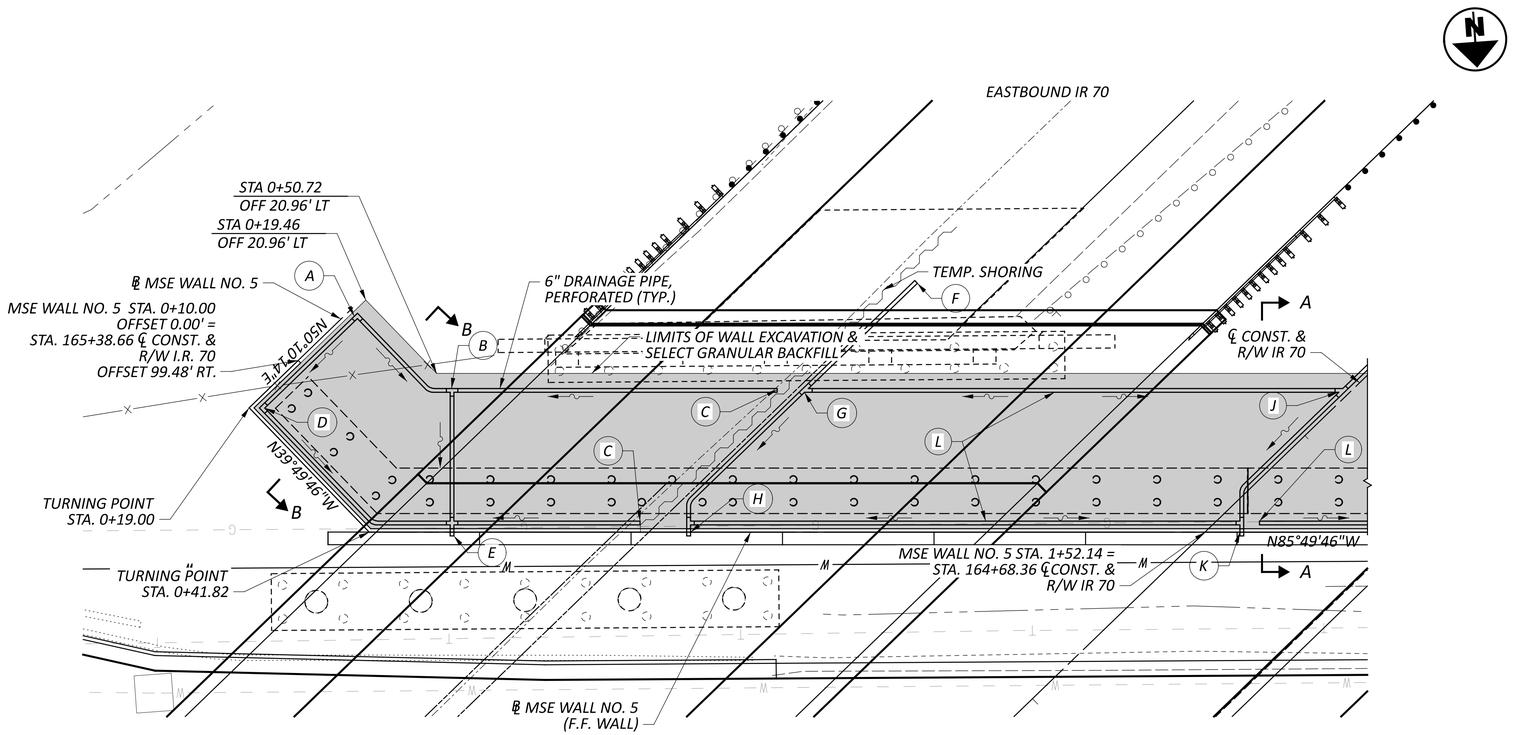
DESIGNER
SJF

REVIEWER
CLB 08/17/26

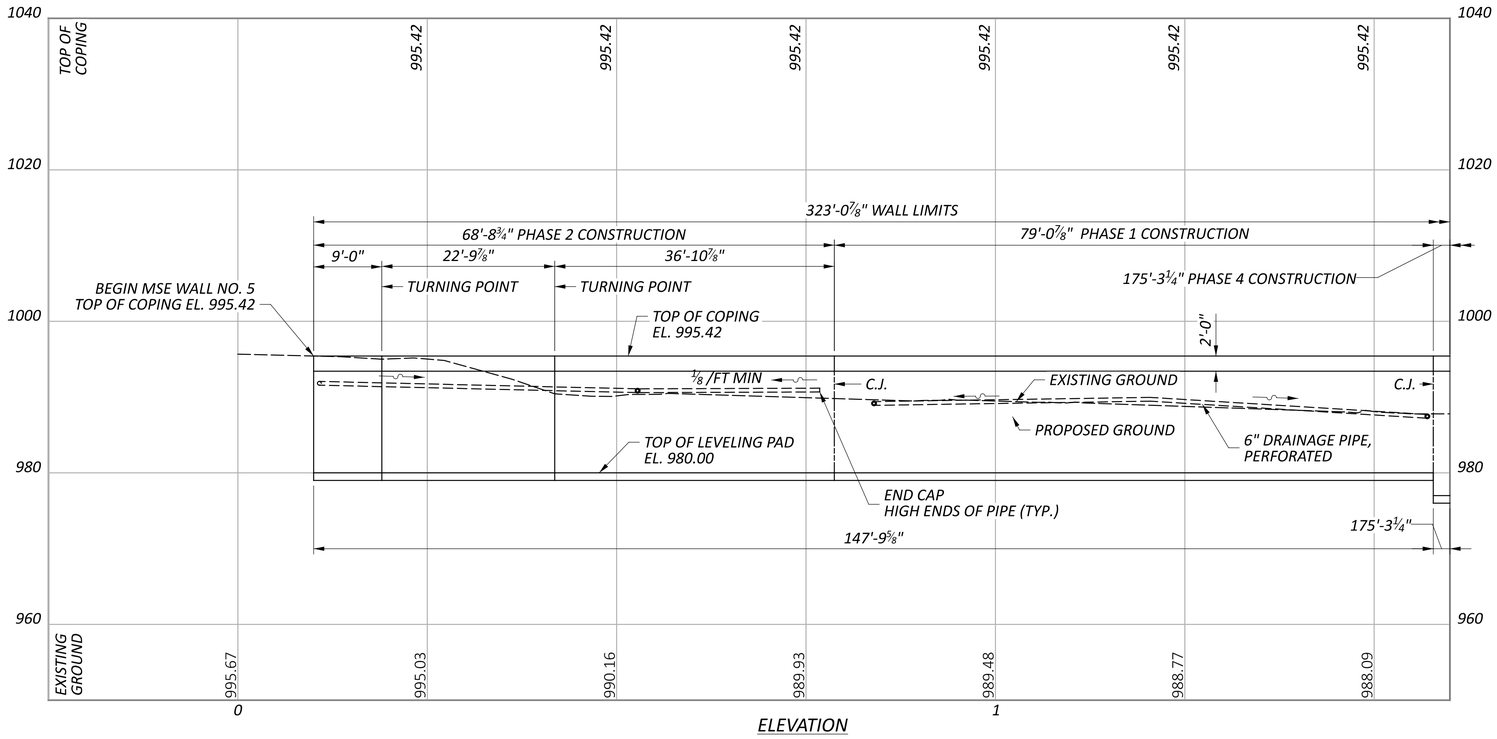
PROJECT ID
96808

SUBSET 4 | TOTAL 4

SHEET P.1179 | TOTAL P.2024



PLAN



ELEVATION

MSE WALL NO. 5 DRAINAGE TABLE	
LOCATION	ELEVATION
A	991.15
B	990.95
C	991.40
D	990.95
E	990.60
F	**
G	989.25
H	988.95
I	989.75
J	987.55
K	987.25
L	987.00

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 5 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
MSE WALL NO. 5
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 TOTAL 6
SHEET P.1180 TOTAL P.2024

FAI/LIC-70.0.00/0.00

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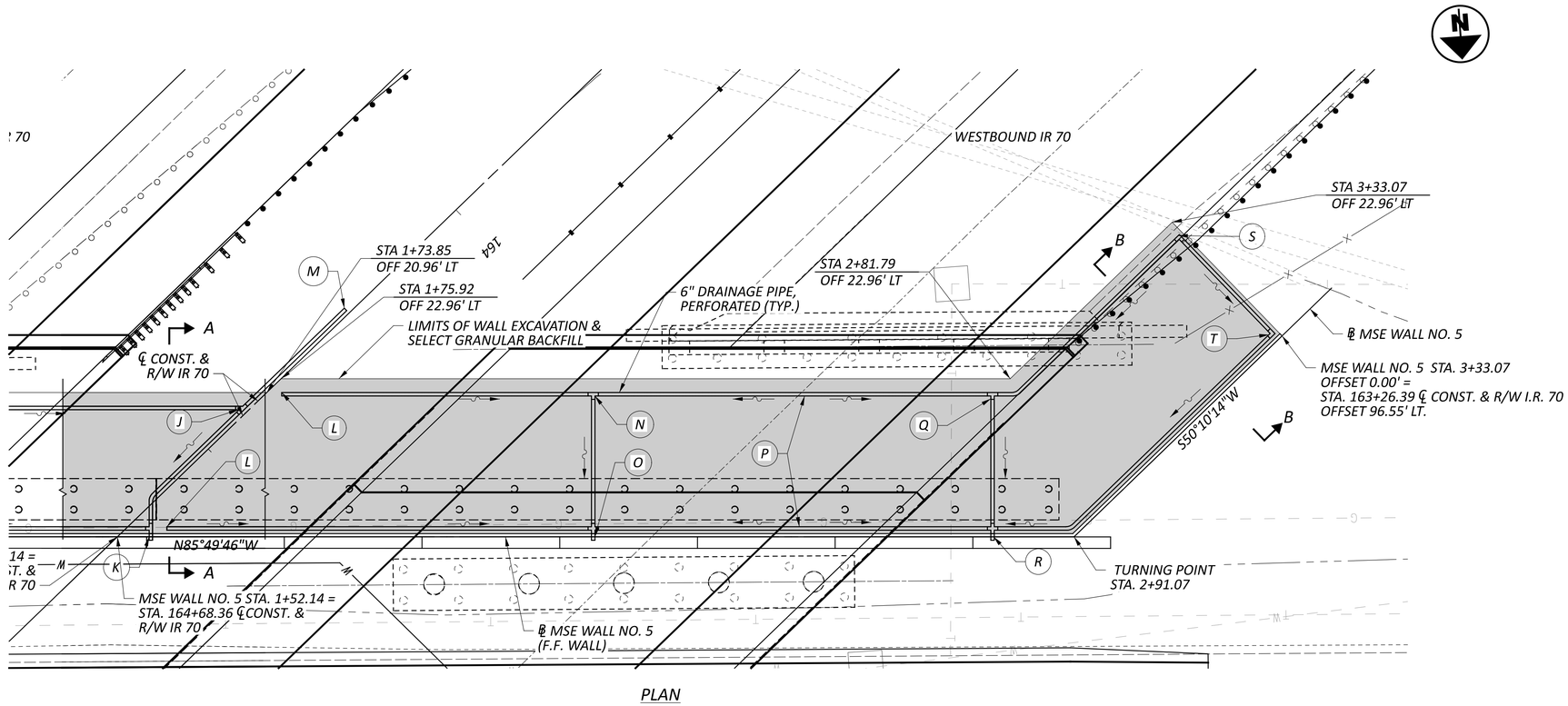
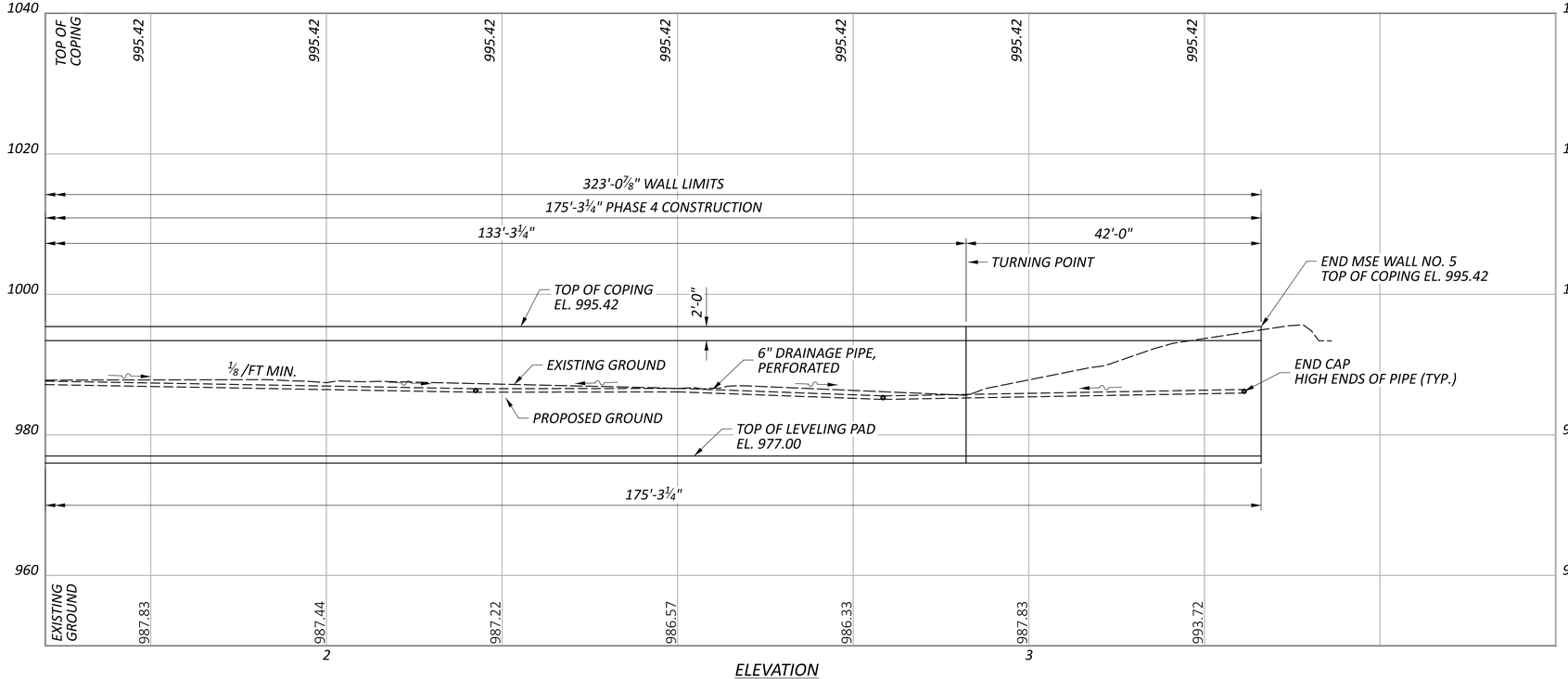


PLAN



ELEVATION

MSE WALL NO. 5 DRAINAGE TABLE	
LOCATION	ELEVATION
J	987.55
K	987.25
L	987.00
M	**
N	986.35
O	986.10
P	986.70
Q	985.35
R	985.10
S	985.90
T	985.65

** DRAINAGE FOR TEMPORARY WIRE FACED MSE WALL, INCLUDED WITH ITEM 867 FOR PAYMENT.

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 5 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
MSE WALL NO. 5
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 2 TOTAL 6
SHEET P.1181 TOTAL P.2024

FAI/LIC-70.0.00/0.00

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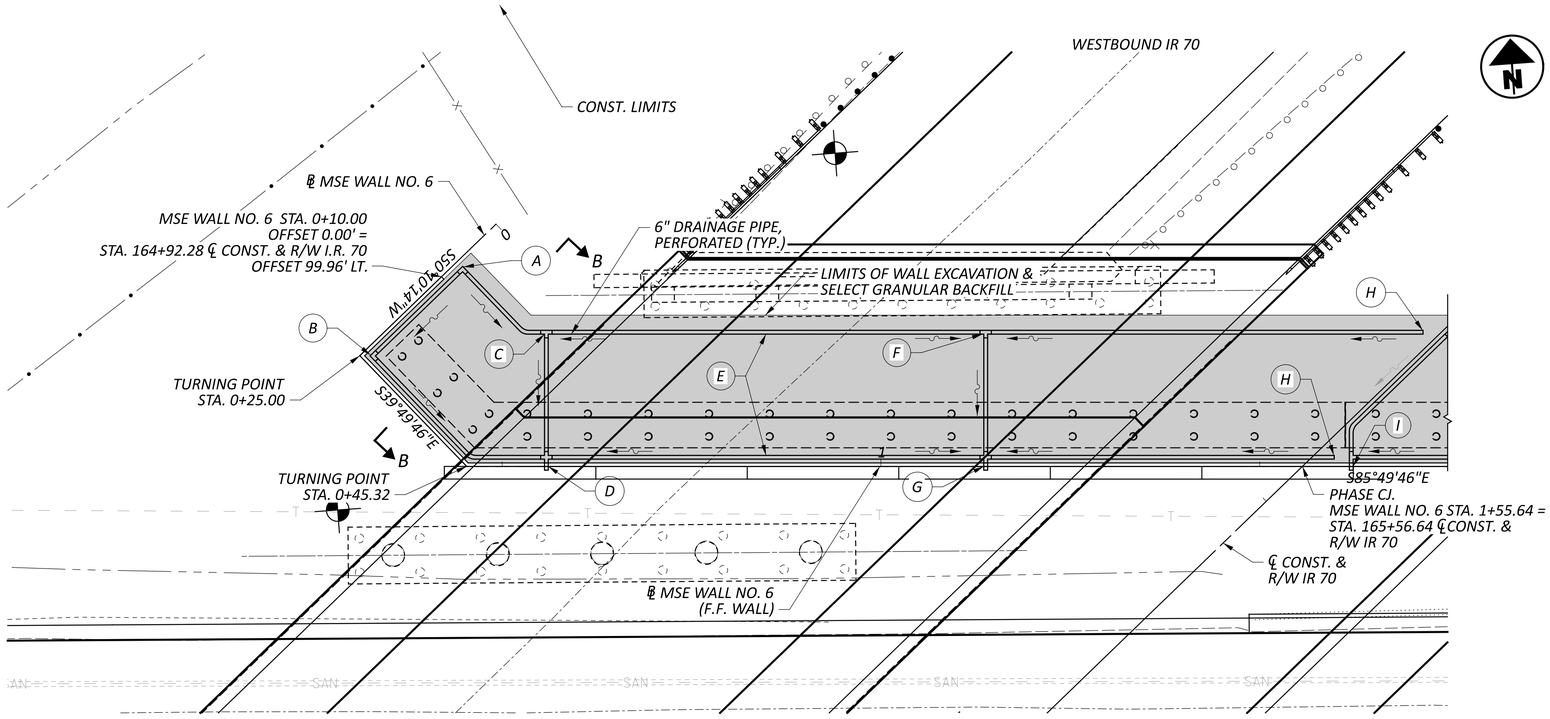
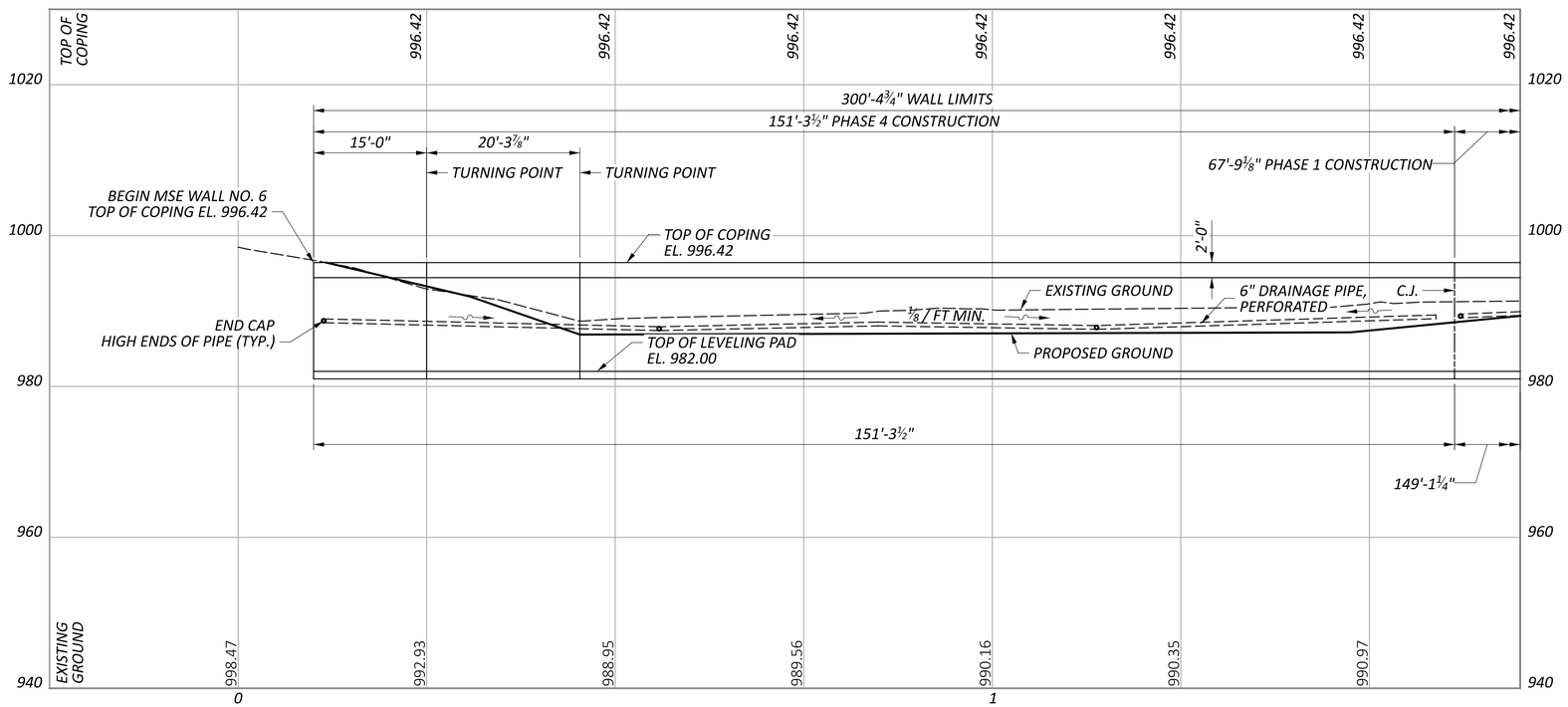


PLAN



ELEVATION

MSE WALL NO. 6 DRAINAGE TABLE	
LOCATION	ELEVATION
A	988.30
B	988.05
C	987.90
D	987.70
E	988.40
F	988.05
G	987.85
H	988.70
I	989.35

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 6 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION -1
MSE WALL NO. 6
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	3
TOTAL	6
SHEET	P.1182
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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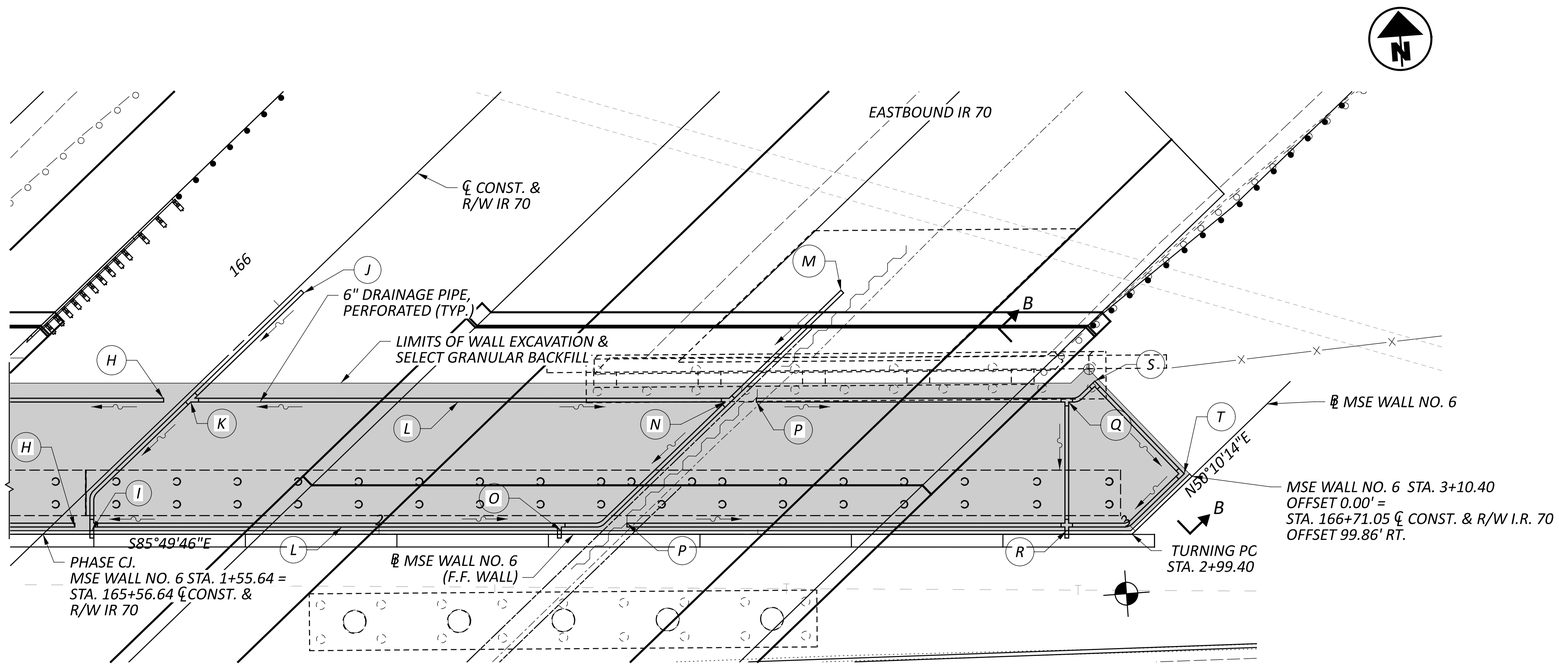
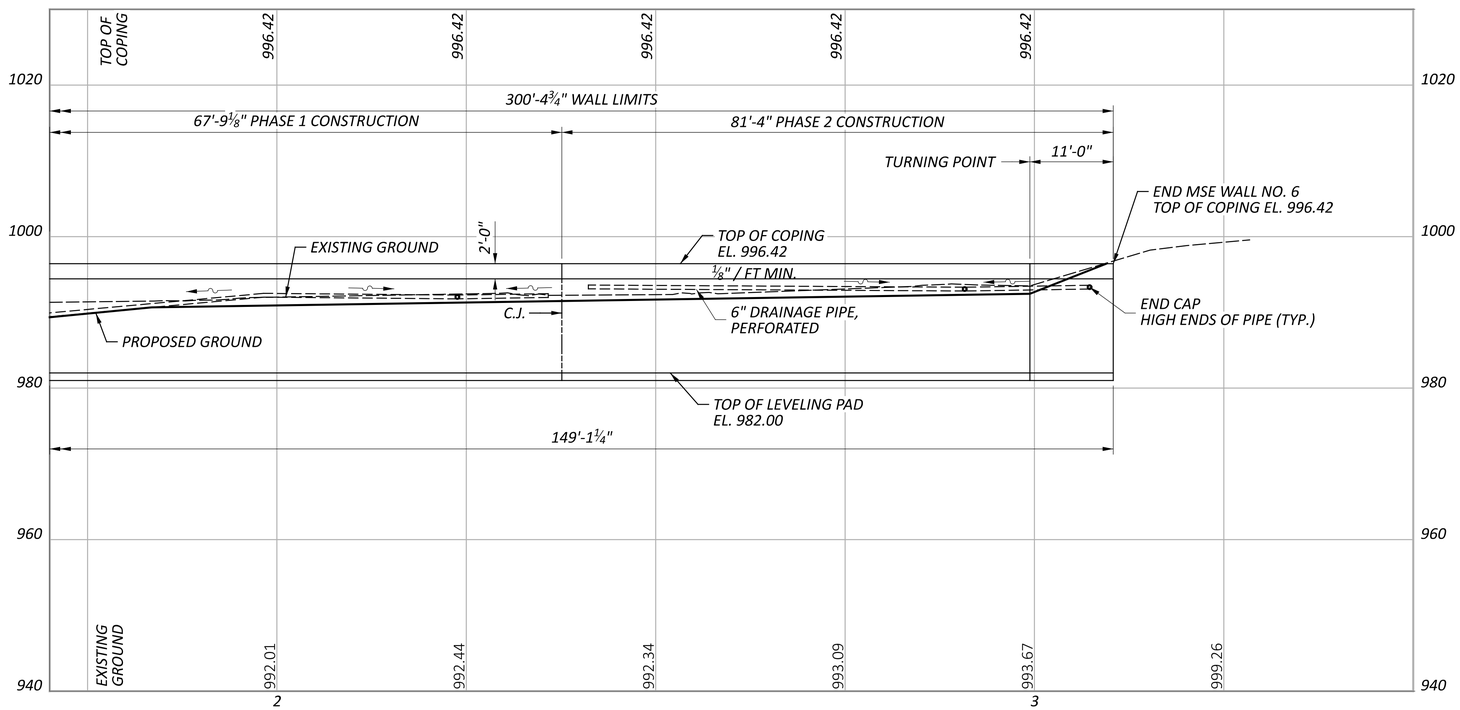


PLAN

MSE WALL NO. 6 DRAINAGE TABLE	
LOCATION	ELEVATION
H	988.70
I	989.35
J	**
K	989.65
L	992.80
M	**
N	992.40
O	992.05
P	993.80
Q	993.30
R	993.10
S	993.50
T	993.30



ELEVATION

LEGEND:

- LIMITS WALL EXCAVATION & SELECT GRANULAR BACKFILL
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

NOTES:

PROFILE SHOWN ALONG F.F. WALL.

FOR SECTION A-A & B-B SEE SHEET 5-6/6.

ALL STATIONS AND OFFSETS GIVEN FROM ℄ MSE WALL NO. 6 UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
MSE WALL NO. 6
I 70 OVER PALMER RD.

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	
ABD	
REVIEWER	
CLB	08/17/26
PROJECT ID	
96808	
SUBSET	TOTAL
4	6
SHEET	TOTAL
P.1183	P.2024

FAI/LIC-70.0.00/0.00

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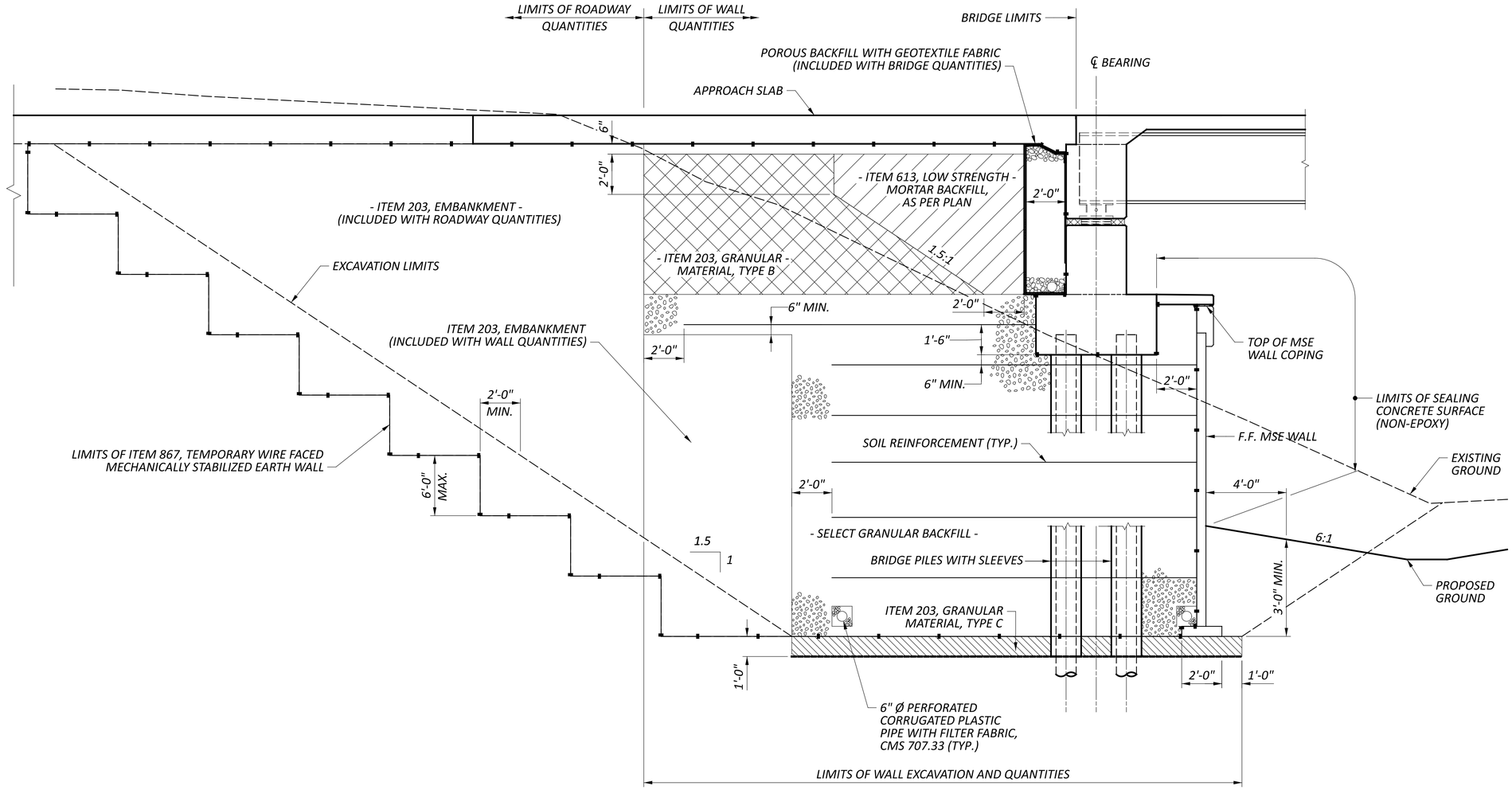

SECTION A-A

TYPICAL SECTION - 1
MSE WALLS NO. 5 & 6
I 70 OVER PALMER RD.

FAI/LIC-70.0.00/0.00

MODEL: wall 1-2 typ section PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:29:57 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

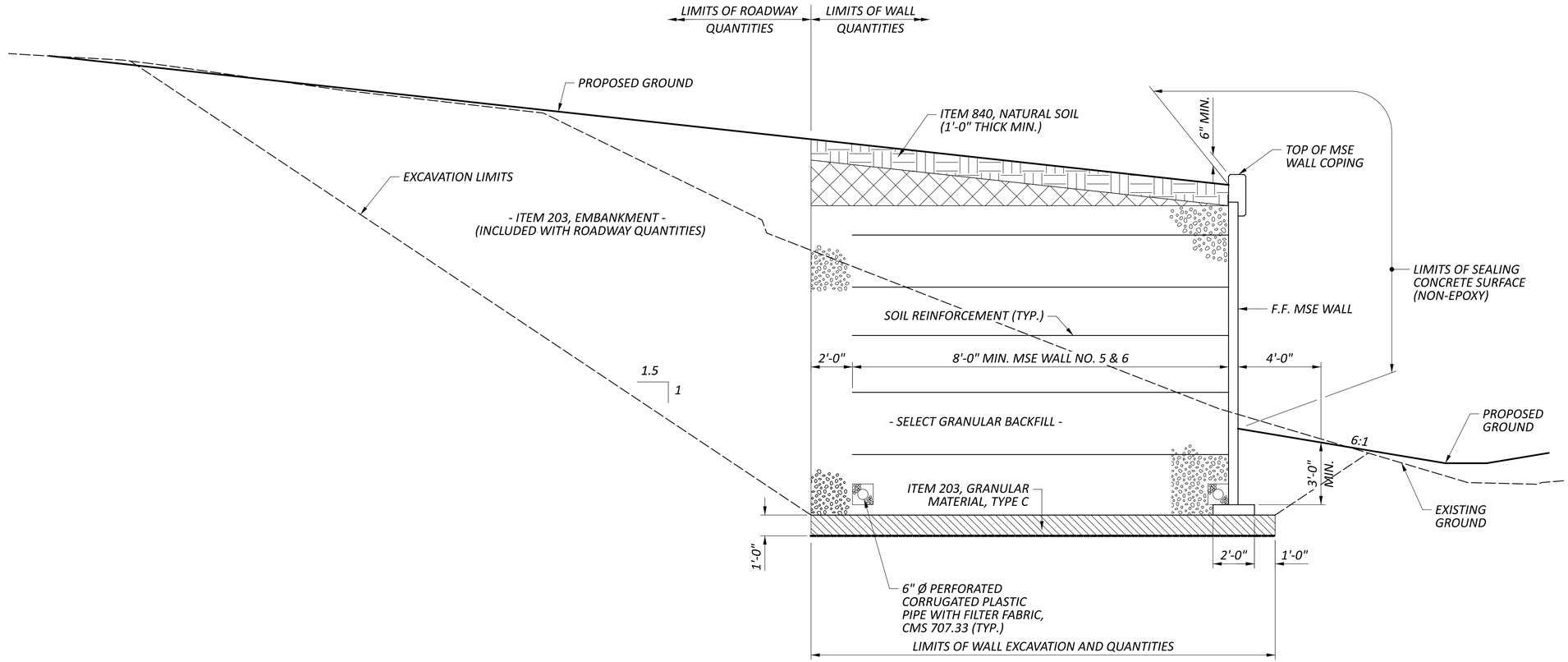
DESIGNER
ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 5 | TOTAL 6

SHEET P.1184 | TOTAL P.2024



SECTION B-B

TYPICAL SECTION - 2
MSE WALLS NO. 5 & 6
I 70 OVER PALMER RD.

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET 6 | TOTAL 6

SHEET P.1185 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

MODEL: wall 1-2 typ section PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:30:07 AM USER: brieder
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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):
SBR-1-20 REVISED 7/19/2024

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION(S):
NONE

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI

GFRP REINFORCEMENT

PILE DESIGN LOADS (ULTIMATE BEARING VALUE, CIP WALL NO. 7 & CIP WALL NO. 9):

THE ULTIMATE BEARING VALUE IS 330 KIPS PER PILE FOR THE CIP WALL NO.7 PILES. THE ULTIMATE BEARING VALUE IS 185 KIPS PER PILE FOR THE CIP WALL NO. 9 PILES.

CIP WALL NO. 7 PILES:
14" C.I.P. PILES ORDER LENGTH VARIES, SEE PILE SCHEDULE ON SHEETS 8 TO 11.
2 DYNAMIC LOAD TESTING ITEMS
2 RESTRIKE TESTS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.375 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES (CIP WALL NO. 7).

CIP WALL NO. 9 PILES:
12" C.I.P. PILES ORDER LENGTH VARIES, SEE PILE SCHEDULE ON SHEET 2.
1 DYNAMIC LOAD TESTING ITEMS

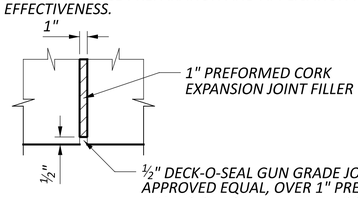
PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.280 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES (CIP WALL NO. 9).

FOUNDATION BEARING RESISTANCE:

CIP WALL NO. 8 FOOTINGS, AS DESIGNED, PRODUCE A MAXIMUM SERVICE LOAD PRESSURE OF 1.8 KIPS PER SQUARE FOOT AND A MAXIMUM STRENGTH LOAD PRESSURE OF 2.3 KIPS PER SQUARE FOOT. THE FACTORED BEARING RESISTANCE IS 4.1 KIPS PER SQUARE FOOT.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

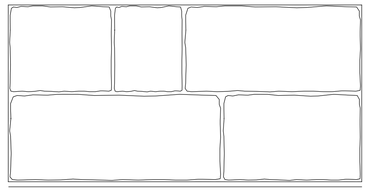
PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

ARCHITECTURAL FINISH (CIP WALL NO. 8 & CIP WALL NO. 9):

AN AESTHETIC TREATMENT SYSTEM SHALL BE SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED MSE WALL PANELS OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHOULD BE MADE (OR THE SIZE AS THE TYPICAL MSE WALL PANELS).THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED TO MAKE THE MSE WALL PANELS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE CHROMIX ADMIXTURES, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 840 - AESTHETIC SURFACE TREATMENT.



CUSTOM ROCK INTERNATIONAL (C.R.I.) PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION:

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ABBREVIATIONS:

APPR.	APPROACH
B	BOTTOM
BRG.	BEARING
℄	CENTERLINE
CIP	CAST-IN-PLACE
CONST.	CONSTRUCTION
C.J.	CONSTRUCTION JOINT OR CONTRACTION JOINT
Ø	DIAMETER
DWG.	DRAWING
E.F.	EACH FACE
EL.	ELEVATION
ELEV.	ELEVATION
EQ.	EQUAL
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
EX.	EXISTING
F.F.	FAR FACE
FTG.	FOOTING
F/F	FACE TO FACE
INT.	INTERIOR
LF.	LEFT
MAX.	MAXIMUM
MIN.	MINIMUM
N.F.	NEAR FACE
NPCPP	NON-PERFOARATED CORRUGATED PLASTIC PIPE
PCPP	PERFORATED CORRUGATED PLASTIC PIPE
PROP.	PROPOSED
P.E.J.F.	PREFORMED EXPANSION JOINT FILLER
RT.	RIGHT
SPA.	SPACE
STA.	STATION
STD.	STANDARD
T	TOP
TYP.	TYPICAL

ESTIMATED QUANTITIES CIP WALL NO. 7 — CALCULATED BY: — DATE: — CHECKED BY: — DATE:

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
503	21300	LS	-	UNCLASSIFIED EXCAVATION	
505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
507	00600		FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
507	00650		FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
509	26000		LB	GALVANIZED STEEL REINFORCEMENT	
509	30020		FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
511	34450		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
511	46012		CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING	
511	46512		CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
516	13601		SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	
518	20000		SY	PREFABRICATED GEOCOMPOSITE DRAIN	
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
601	32100		CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	

ESTIMATED QUANTITIES CIP WALL NO. 8 — CALCULATED BY: — DATE: — CHECKED BY: — DATE:

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
503	21300	LS	-	UNCLASSIFIED EXCAVATION	
509	26000		LB	GALVANIZED STEEL REINFORCEMENT	
509	30020		FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
511	34450		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
511	46012		CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING	
511	46512		CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
516	13601		SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	
518	20000		SY	PREFABRICATED GEOCOMPOSITE DRAIN	
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
840	26050		SF	AESTHETIC SURFACE TREATMENT	

ESTIMATED QUANTITIES CIP WALL NO. 9 — CALCULATED BY: — DATE: — CHECKED BY: — DATE:

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
503	21300	LS	-	UNCLASSIFIED EXCAVATION	
505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
507	00500		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
507	00550		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
509	26000		LB	GALVANIZED STEEL REINFORCEMENT	
511	46012		CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING	
511	46512		CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
516	13601		SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	
518	20000		SY	PREFABRICATED GEOCOMPOSITE DRAIN	
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
840	26050		SF	AESTHETIC SURFACE TREATMENT	

GENERAL NOTES & ESTIMATED QUANTITIES
CIP WALL NO. 7, NO. 8 & NO. 9
ALONG EXISITNG TAYLOR ROAD

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER BEH | CHECKER CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET 1 | TOTAL 1

SHEET P.1186 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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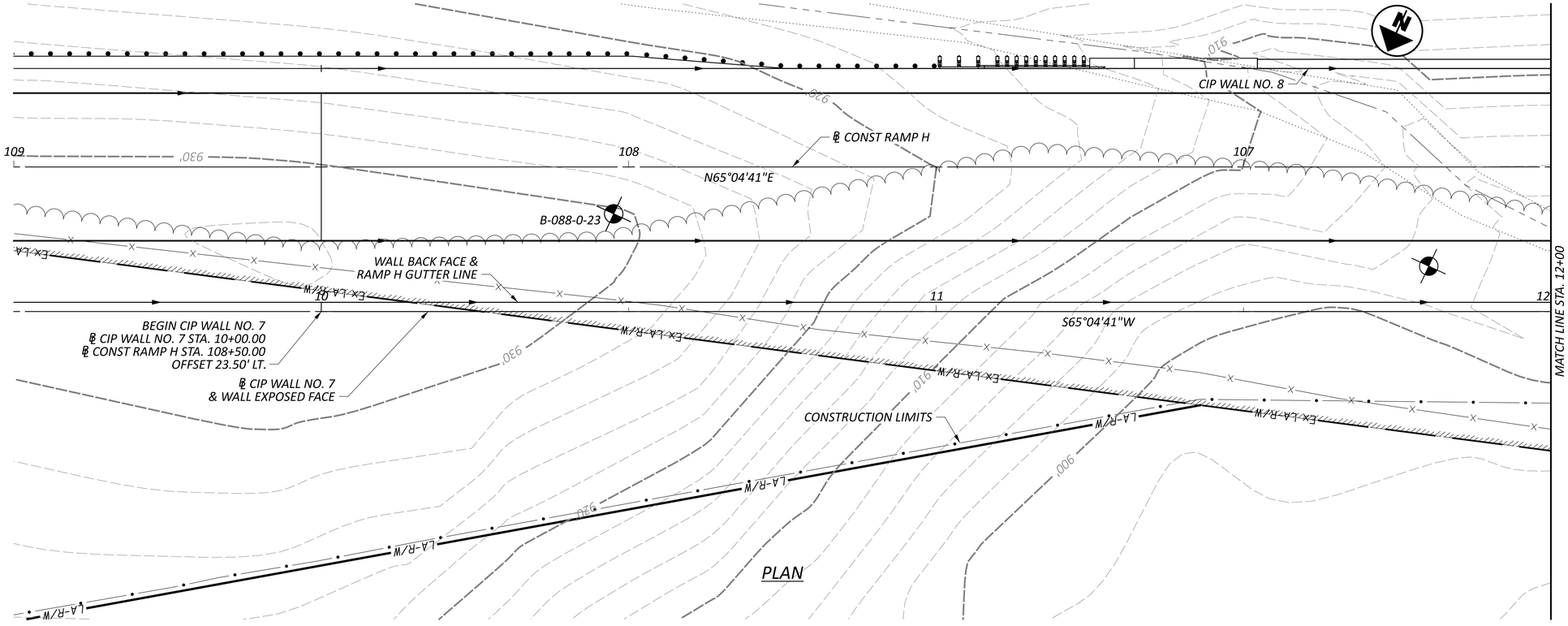
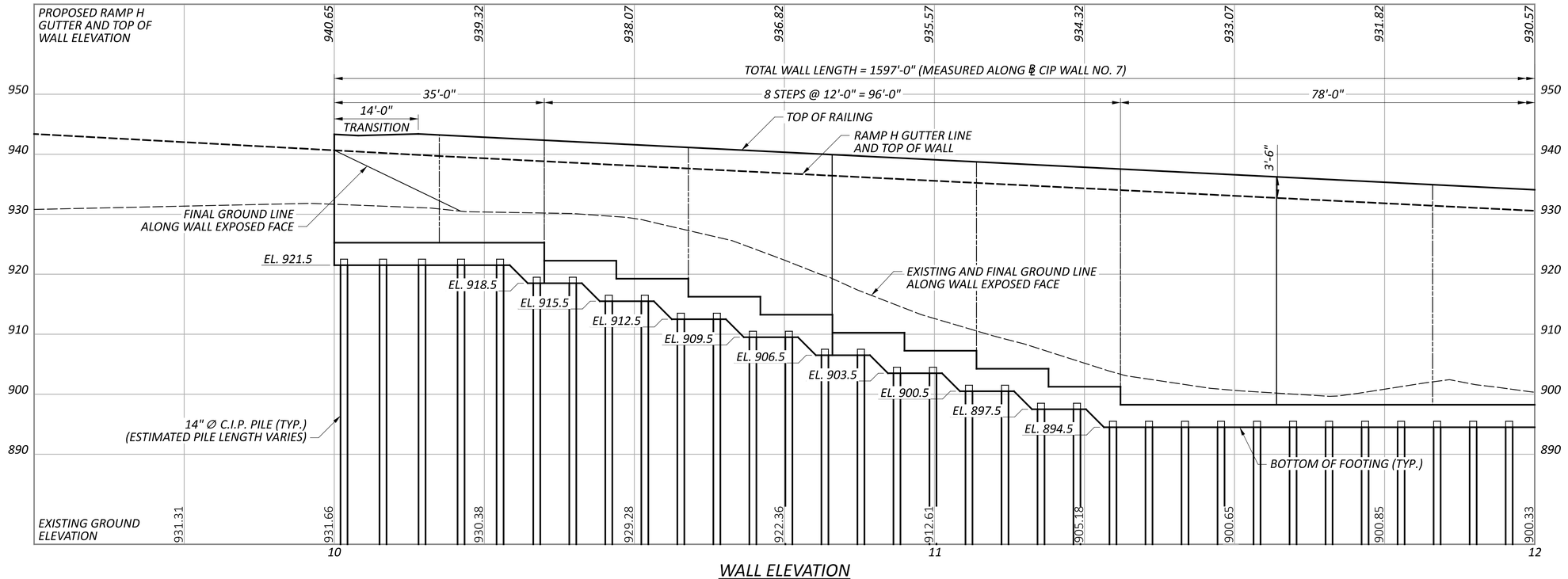


PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
1	20

SHEET	TOTAL
P.1187	P.2024

FAI/LIC-IR 70-0.00/0.00

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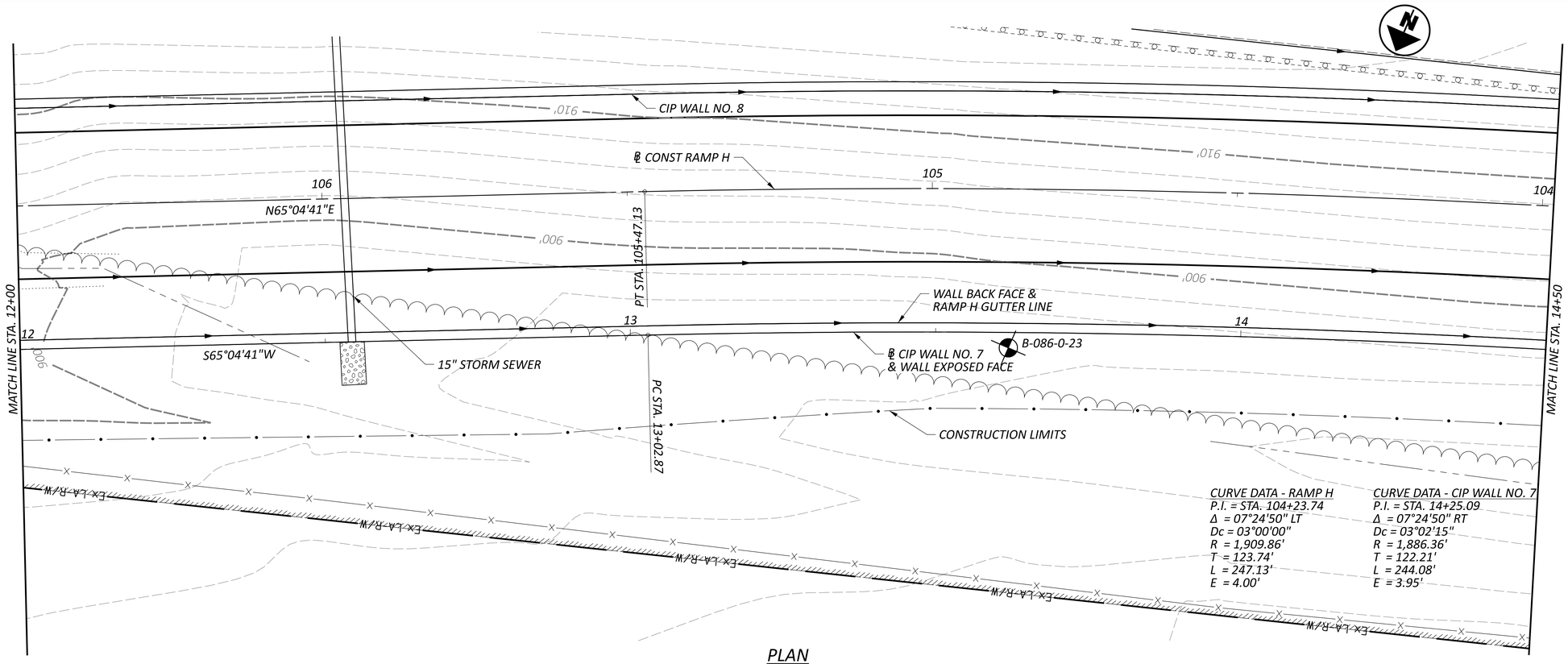
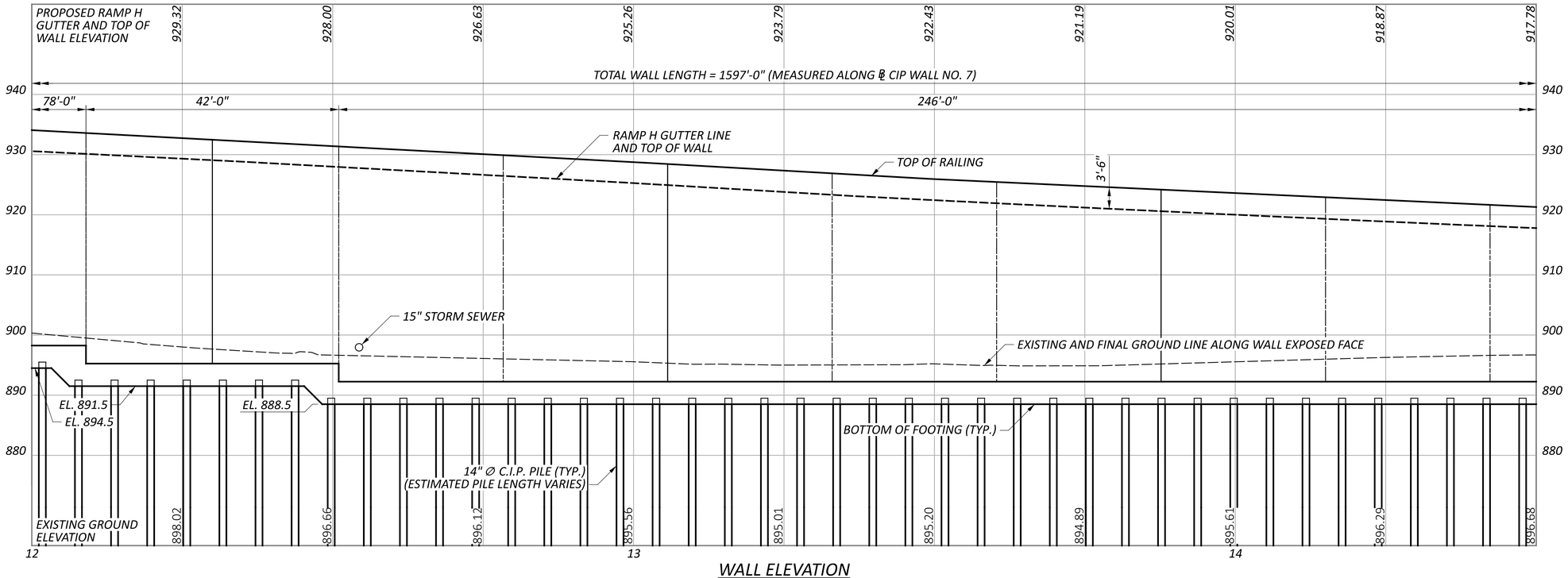


PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
2	20

SHEET	TOTAL
P.1188	P.2024

FAI/LIC-IR 70-0.00/0.00

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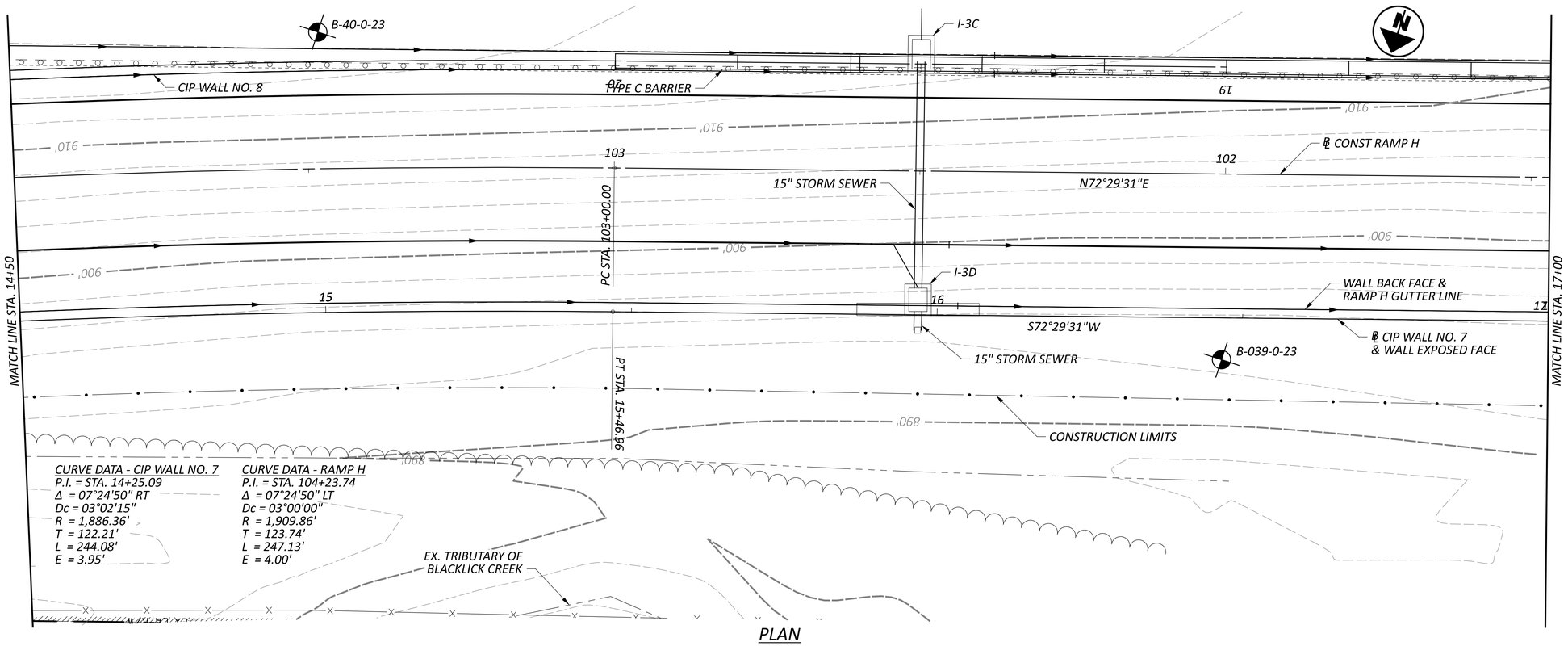

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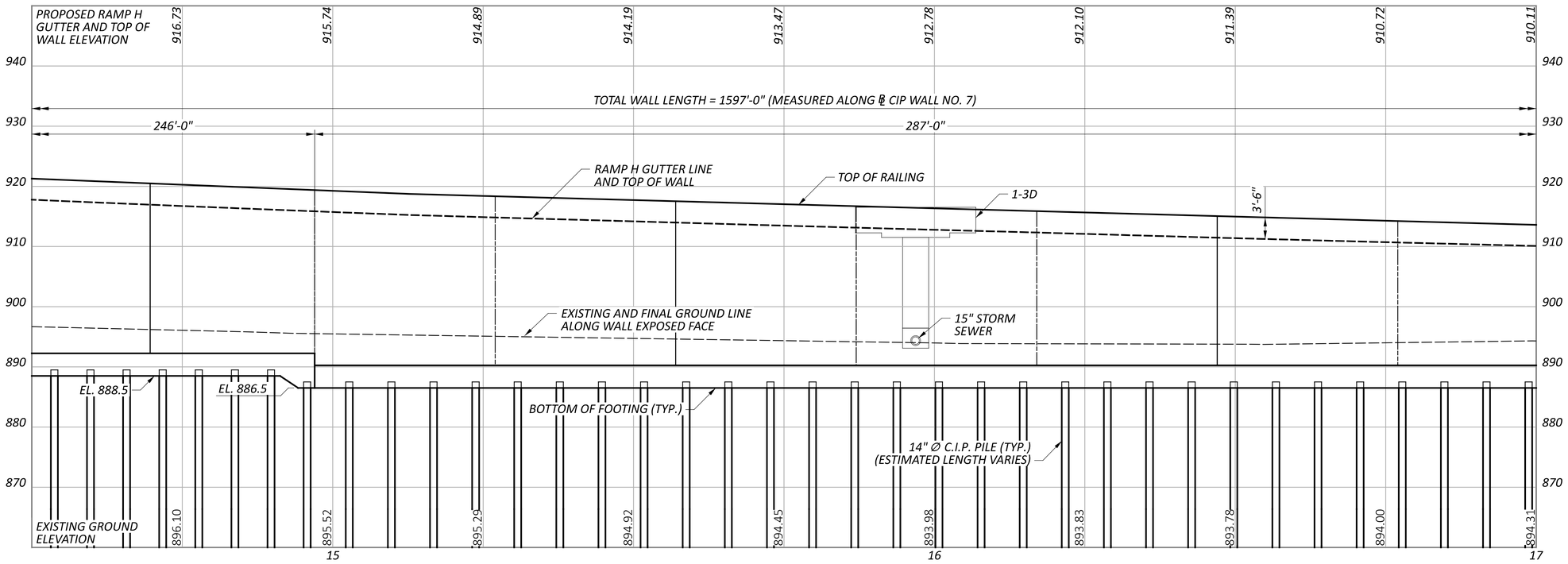

WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 3
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
3	20

SHEET	TOTAL
P.1189	P.2024

FAI/LIC-IR 70-0.00/0.00

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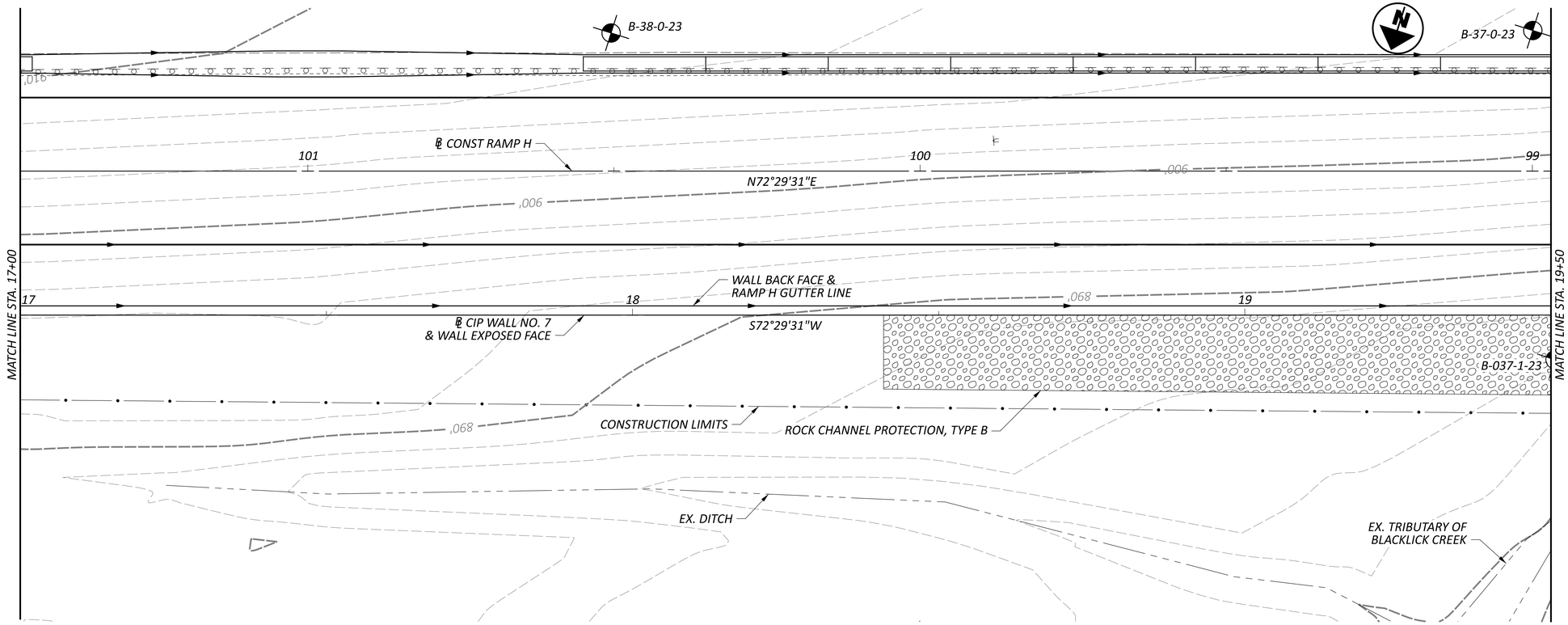

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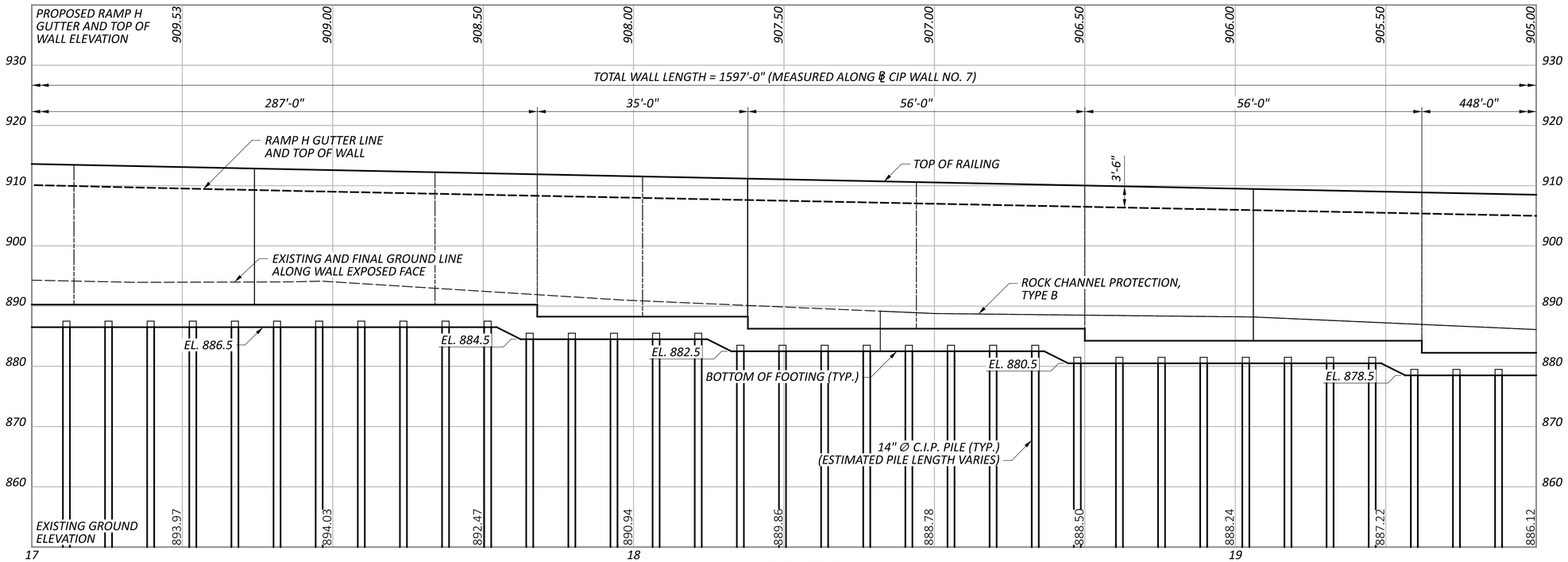

WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 4
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
4	20

SHEET	TOTAL
P.1190	P.2024

FAI/LIC-IR 70-0.00/0.00

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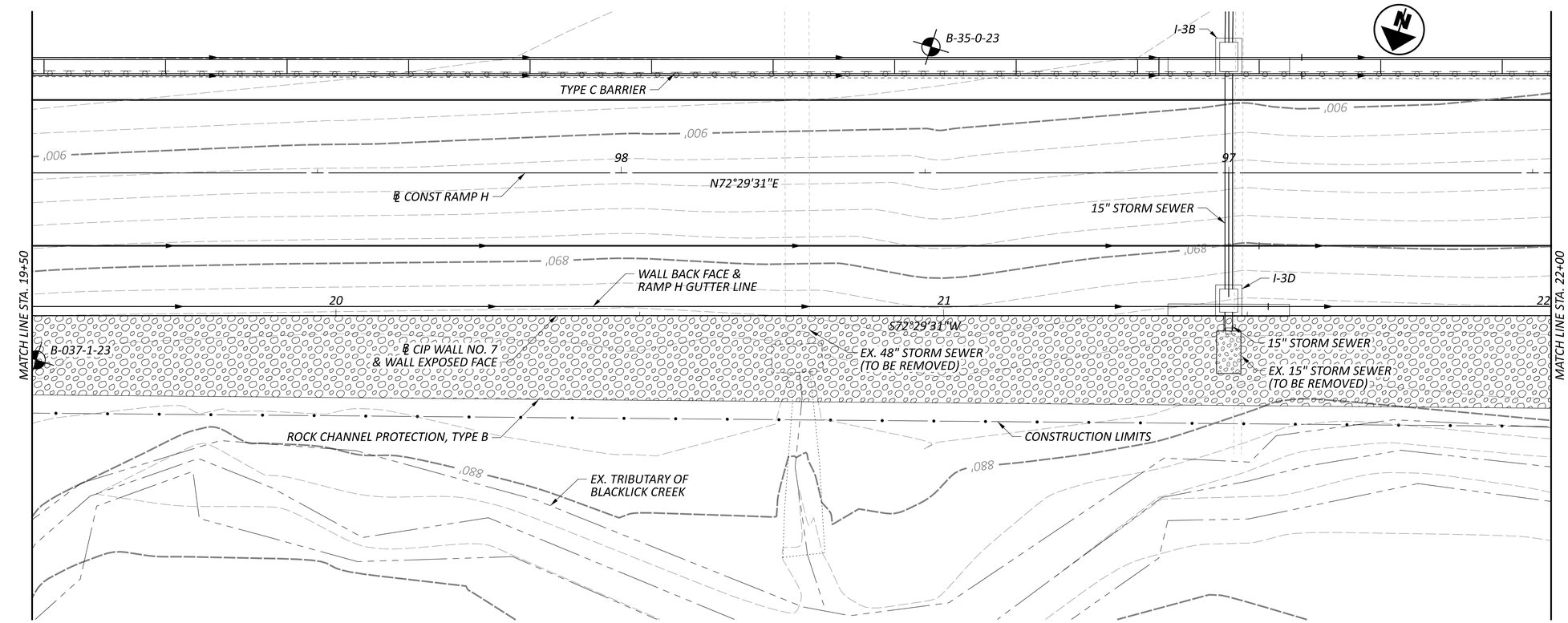

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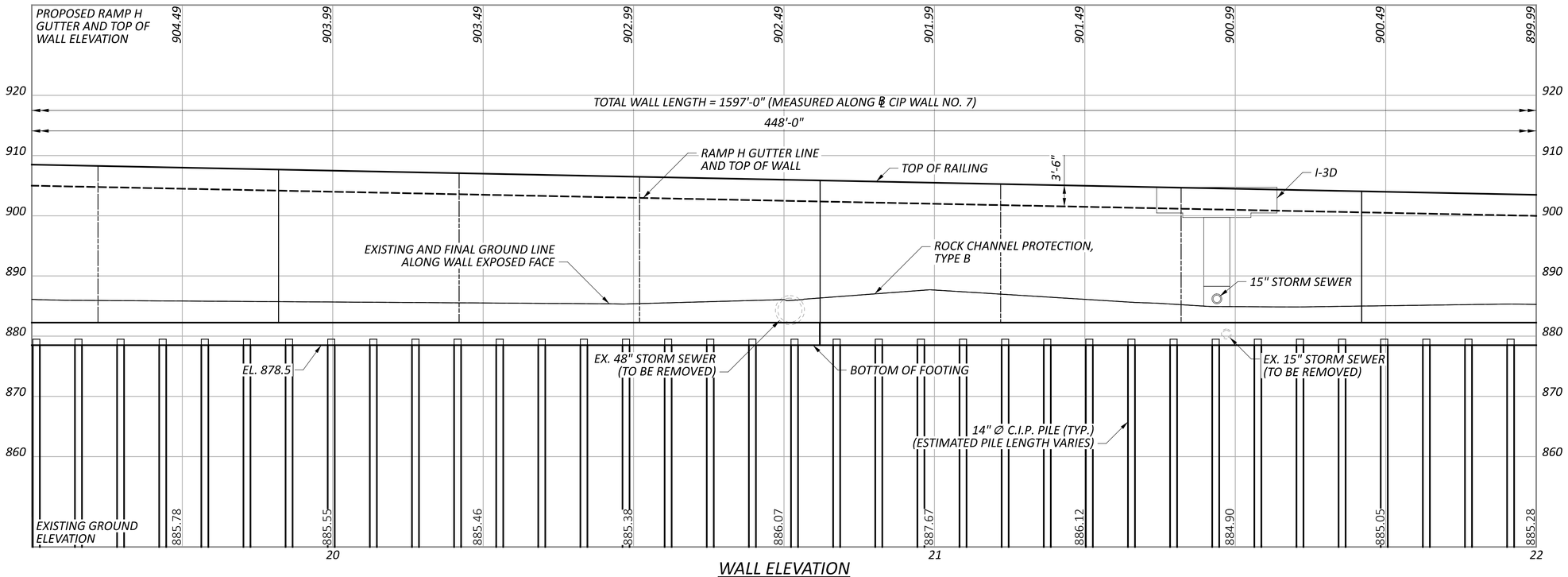

WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 5
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
5	20

SHEET	TOTAL
P.1191	P.2024

FAI/LIC-IR 70-0.00/0.00

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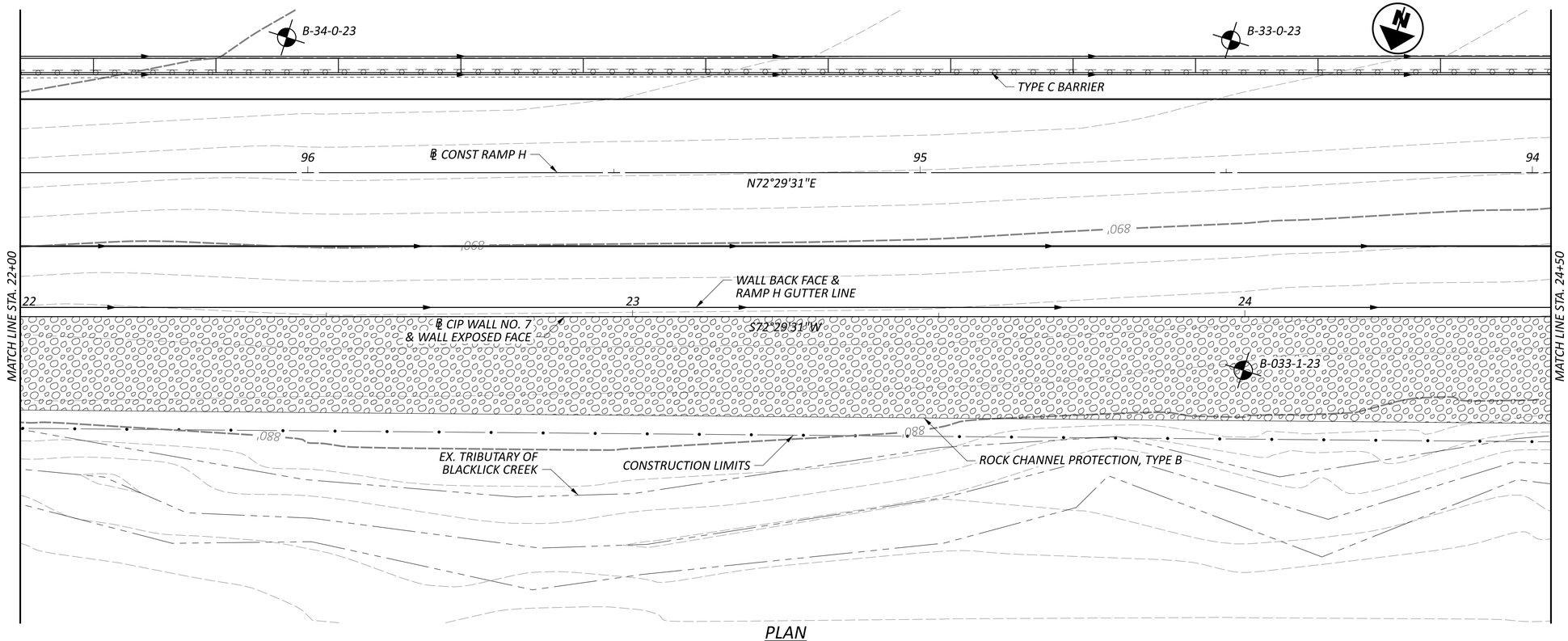

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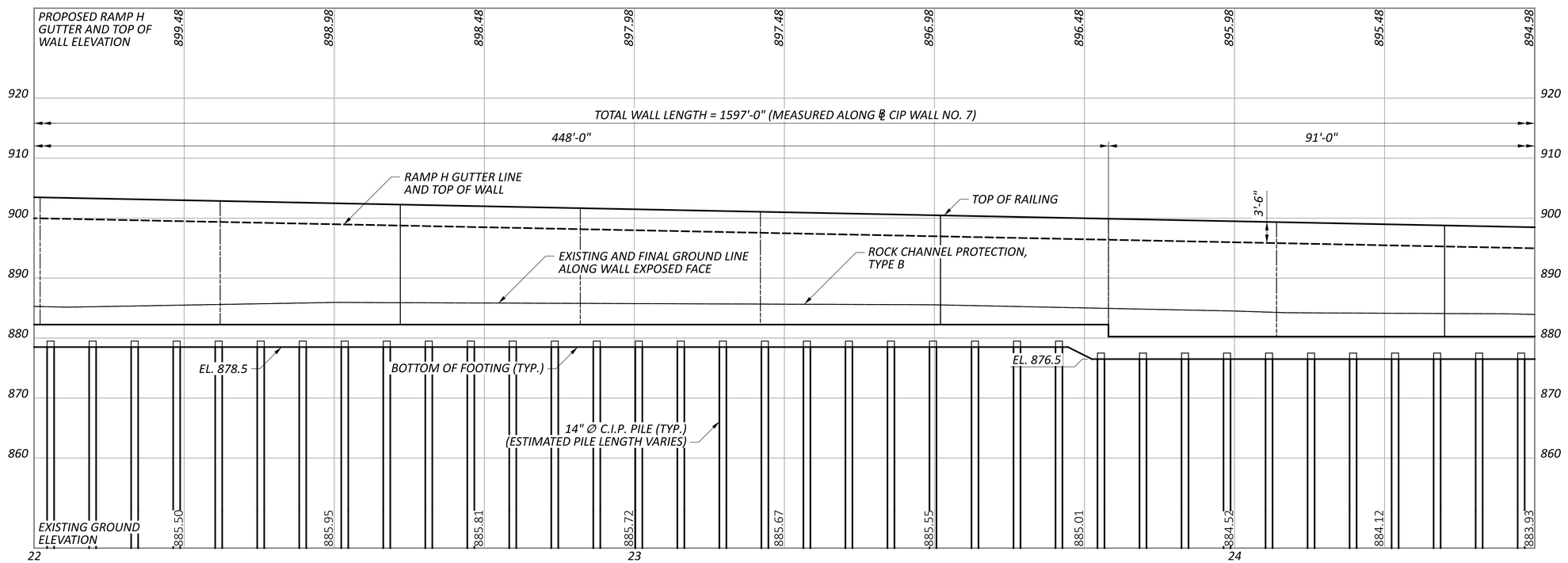

WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 6
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER
ERK 05-01-25

PROJECT ID
96808

SUBSET	TOTAL
6	20

SHEET	TOTAL
P.1192	P.2024

FAI/LIC-IR 70-0.00/0.00

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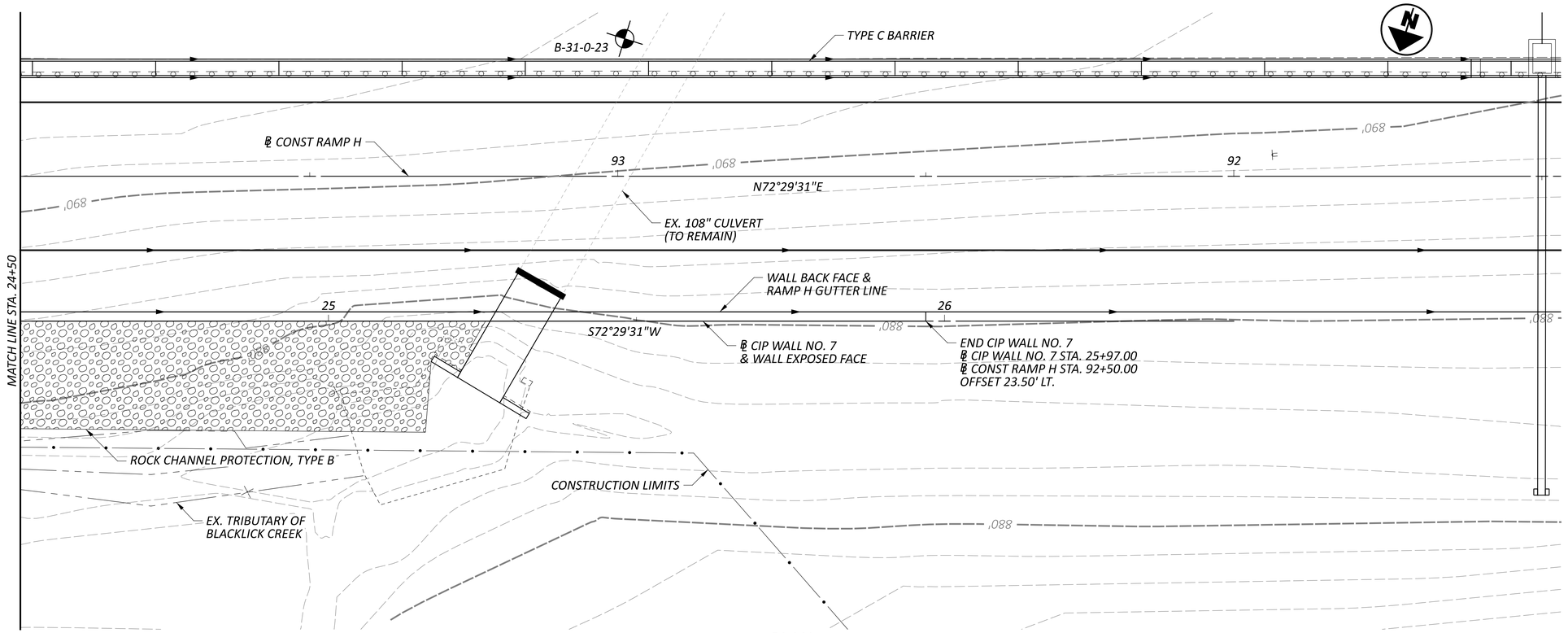

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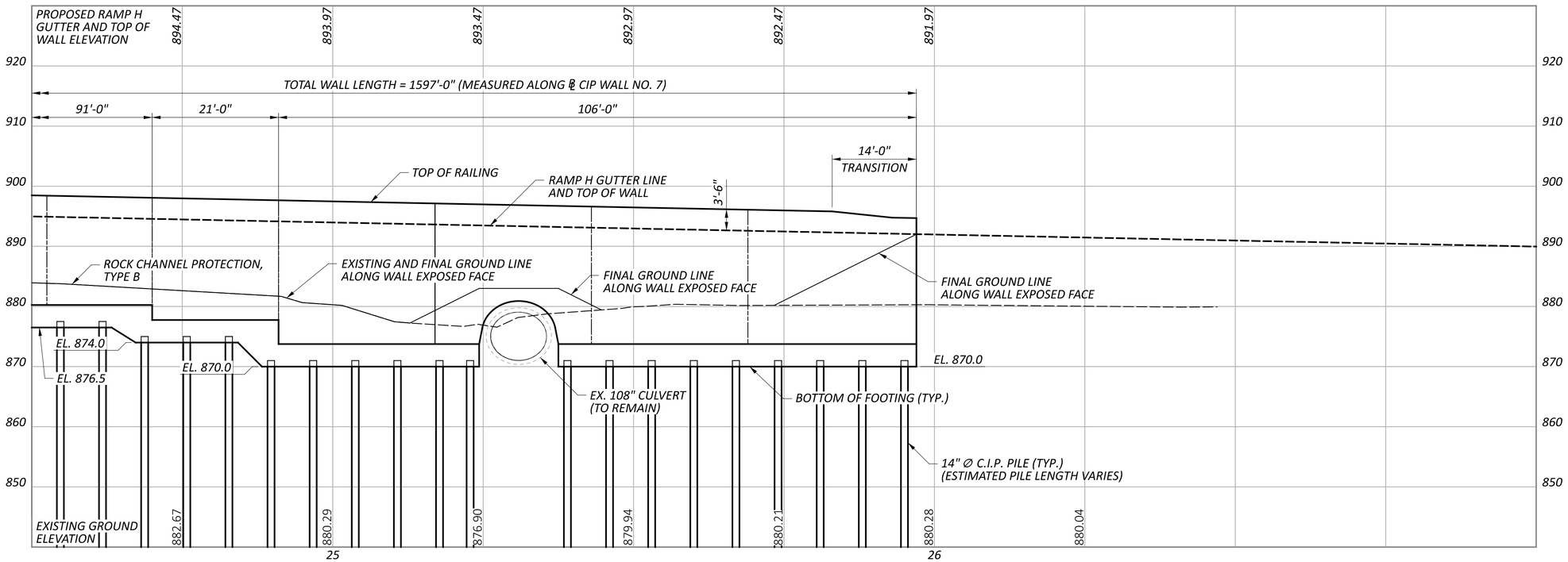

WALL ELEVATION

HORIZONTAL
SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 7
CIP WALL NO. 7
ALONG RAMP H

SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	7
TOTAL	20
SHEET	P.1193
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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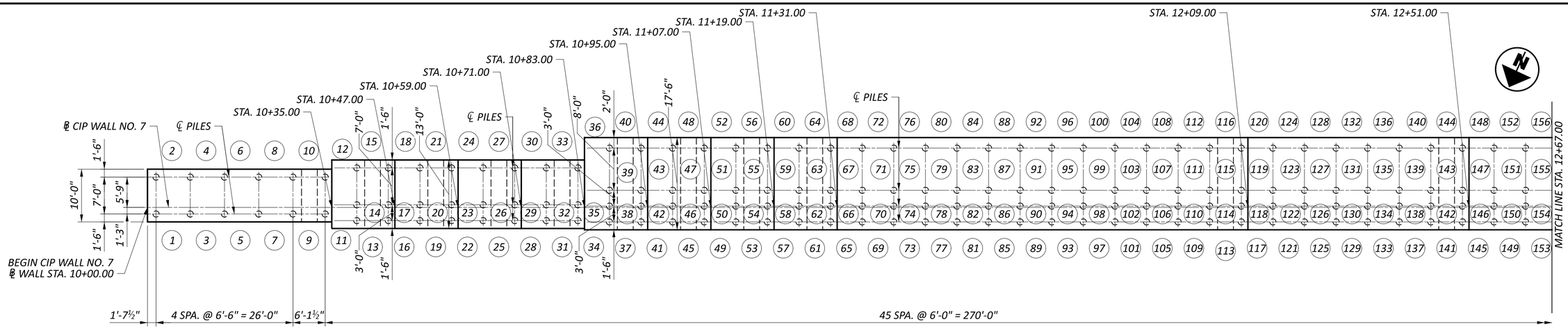
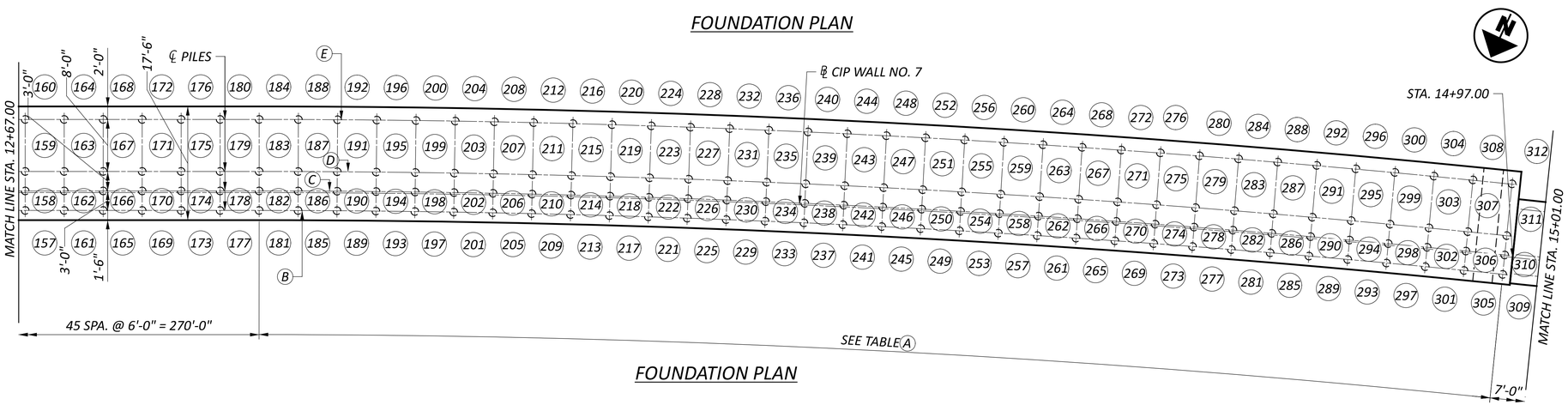


FOUNDATION PLAN



FOUNDATION PLAN

CURVE DATA - ℄ CIP WALL NO.7

P.I. = STA. 14+25.09
Δ = 07°24'50" RT
Dc = 03°02'15"
R = 1,886.36'
T = 122.21'
L = 244.08'
E = 3.95'

LEGEND

(#) PROPOSED PILE NUMBER

TABLE Ⓐ	
ROW NUMBER	SPACING ALONG ℄ PILE
Ⓑ	32 SPA. @ 6'-0" MAX. = 191'-9"
Ⓒ	33 SPA. @ 6'-1" MAX. = 192'-1"
Ⓓ	34 SPA. @ 6'-1" MAX. = 192'-4"
Ⓔ	35 SPA. @ 6'-1" MAX. = 193'-2"

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	55.00
14" CIP	11-15	920.50	60.00
14" CIP	16-21	917.50	60.00
14" CIP	22-27	914.50	60.00
14" CIP	28-33	911.50	60.00
14" CIP	34-40	908.50	75.00
14" CIP	41-48	905.50	75.00
14" CIP	49-56	902.50	75.00
14" CIP	57-64	899.50	75.00
14" CIP	65-116	896.50	75.00
14" CIP	117-144	893.50	75.00
14" CIP	145-280	890.50	75.00
14" CIP	281-308	890.50	45.00
14" CIP	309-432	888.50	80.00
14" CIP	433-447	886.50	80.00
14" CIP	448-471	884.50	80.00
14" CIP	472-495	882.50	80.00
14" CIP	496-561	880.50	80.00
14" CIP	562-645	880.50	90.00
14" CIP	646-671	878.50	90.00
14" CIP	672-677	876.00	90.00
14" CIP	678-689	872.00	90.00
14" CIP	690-707	872.00	80.00

FOUNDATION PLAN - 1
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
8	20

SHEET	TOTAL
P.1194	P.2024

FAI/LIC-IR 70-0.00/0.00

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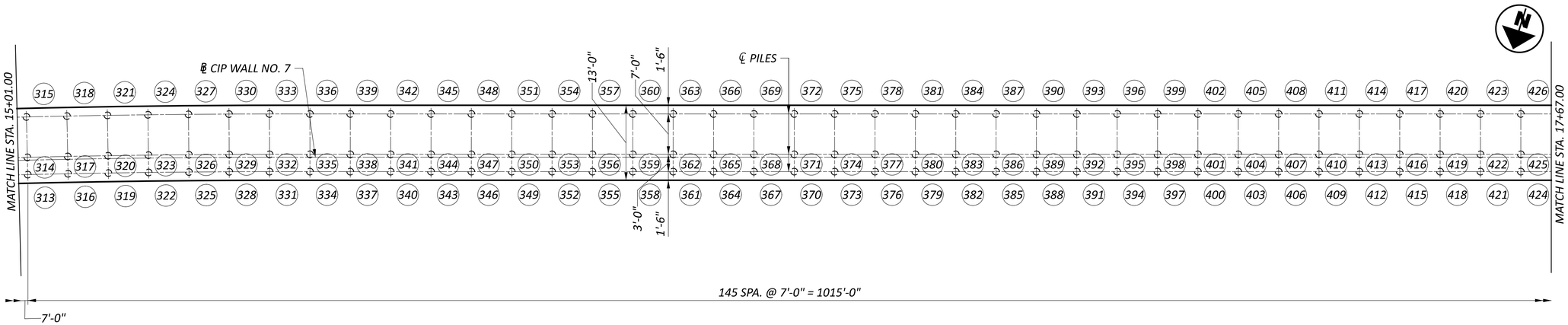
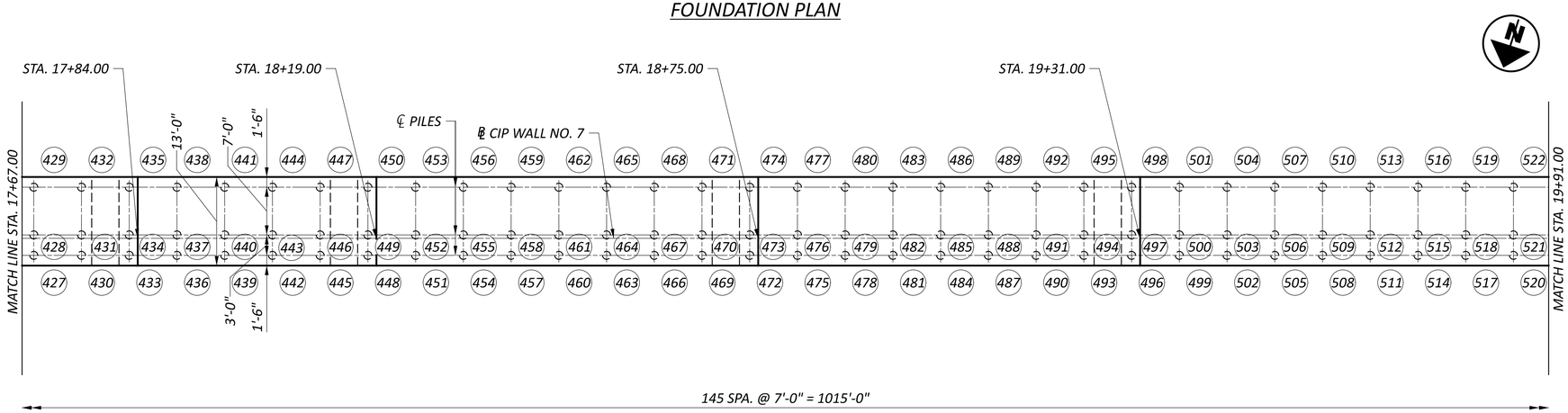


FOUNDATION PLAN



FOUNDATION PLAN

CURVE DATA - ℄ CIP WALL NO.7

P.I. = STA. 14+25.09
Δ = 07°24'50" RT
Dc = 03°02'15"
R = 1,886.36'
T = 122.21'
L = 244.08'
E = 3.95'

LEGEND

(#) PROPOSED PILE NUMBER

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	55.00
14" CIP	11-15	920.50	60.00
14" CIP	16-21	917.50	60.00
14" CIP	22-27	914.50	60.00
14" CIP	28-33	911.50	60.00
14" CIP	34-40	908.50	75.00
14" CIP	41-48	905.50	75.00
14" CIP	49-56	902.50	75.00
14" CIP	57-64	899.50	75.00
14" CIP	65-116	896.50	75.00
14" CIP	117-144	893.50	75.00
14" CIP	145-280	890.50	75.00
14" CIP	281-308	890.50	45.00
14" CIP	309-432	888.50	80.00
14" CIP	433-447	886.50	80.00
14" CIP	448-471	884.50	80.00
14" CIP	472-495	882.50	80.00
14" CIP	496-561	880.50	80.00
14" CIP	562-645	880.50	90.00
14" CIP	646-671	878.50	90.00
14" CIP	672-677	876.00	90.00
14" CIP	678-689	872.00	90.00
14" CIP	690-707	872.00	80.00

FOUNDATION PLAN - 2
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
9	20

SHEET	TOTAL
P.1195	P.2024

FAI/LIC-IR 70-0.00/0.00

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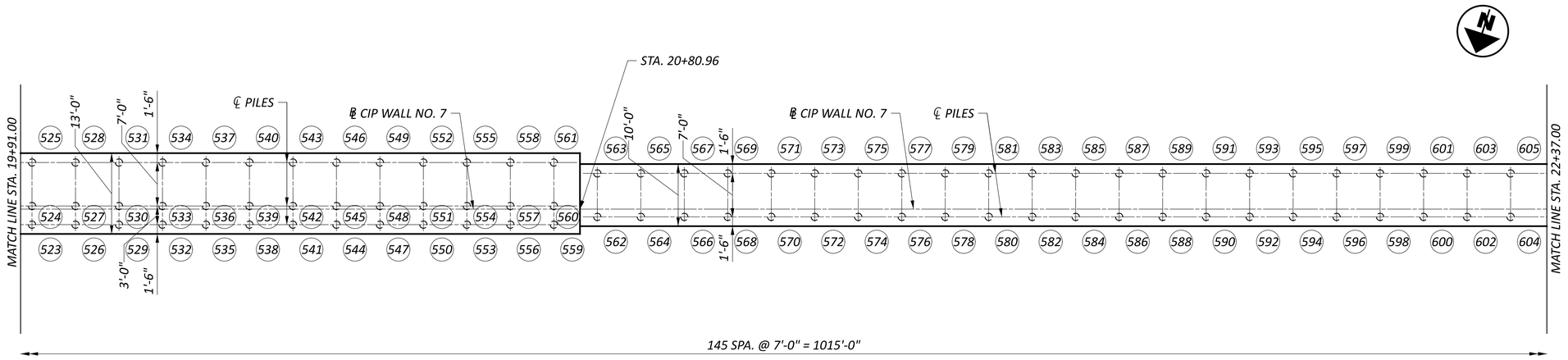
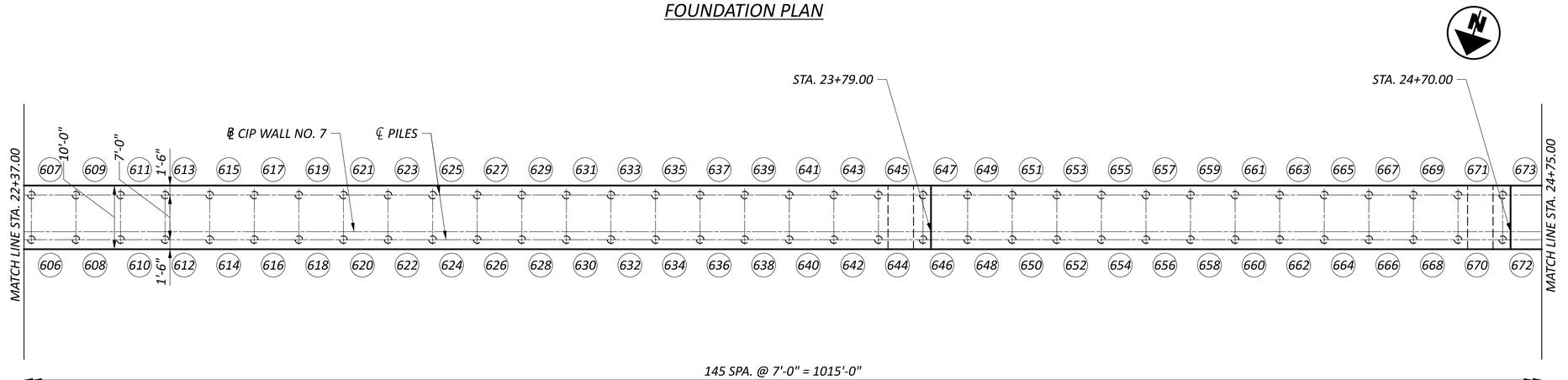


FOUNDATION PLAN



FOUNDATION PLAN

LEGEND

(#) PROPOSED PILE NUMBER

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	55.00
14" CIP	11-15	920.50	60.00
14" CIP	16-21	917.50	60.00
14" CIP	22-27	914.50	60.00
14" CIP	28-33	911.50	60.00
14" CIP	34-40	908.50	75.00
14" CIP	41-48	905.50	75.00
14" CIP	49-56	902.50	75.00
14" CIP	57-64	899.50	75.00
14" CIP	65-116	896.50	75.00
14" CIP	117-144	893.50	75.00
14" CIP	145-280	890.50	75.00
14" CIP	281-308	890.50	45.00
14" CIP	309-432	888.50	80.00
14" CIP	433-447	886.50	80.00
14" CIP	448-471	884.50	80.00
14" CIP	472-495	882.50	80.00
14" CIP	496-561	880.50	80.00
14" CIP	562-645	880.50	90.00
14" CIP	646-671	878.50	90.00
14" CIP	672-677	876.00	90.00
14" CIP	678-689	872.00	90.00
14" CIP	690-707	872.00	80.00

FOUNDATION PLAN - 3
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
10	20

SHEET	TOTAL
P.1196	P.2024

FAI/LIC-IR 70-0.00/0.00

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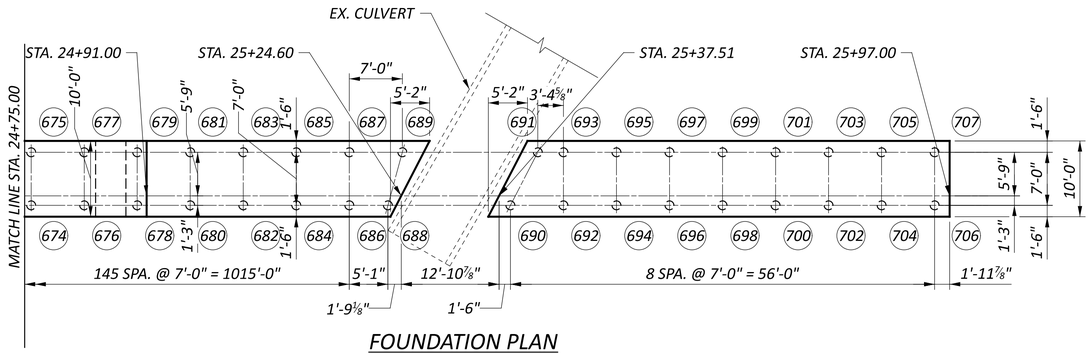

FOUNDATION PLAN

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
14" CIP	1-10	923.50	55.00
14" CIP	11-15	920.50	60.00
14" CIP	16-21	917.50	60.00
14" CIP	22-27	914.50	60.00
14" CIP	28-33	911.50	60.00
14" CIP	34-40	908.50	75.00
14" CIP	41-48	905.50	75.00
14" CIP	49-56	902.50	75.00
14" CIP	57-64	899.50	75.00
14" CIP	65-116	896.50	75.00
14" CIP	117-144	893.50	75.00
14" CIP	145-280	890.50	75.00
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14" CIP	433-447	886.50	80.00
14" CIP	448-471	884.50	80.00
14" CIP	472-495	882.50	80.00
14" CIP	496-561	880.50	80.00
14" CIP	562-645	880.50	90.00
14" CIP	646-671	878.50	90.00
14" CIP	672-677	876.00	90.00
14" CIP	678-689	872.00	90.00
14" CIP	690-707	872.00	80.00

NOTES

RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION AND TO NOT DISTURB EXISITNG CULVERT.

LEGEND

(#) PROPOSED PILE NUMBER

FOUNDATION PLAN - 4
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
11	20

SHEET	TOTAL
P.1197	P.2024

FAI/LIC-IR 70-0.00/0.00

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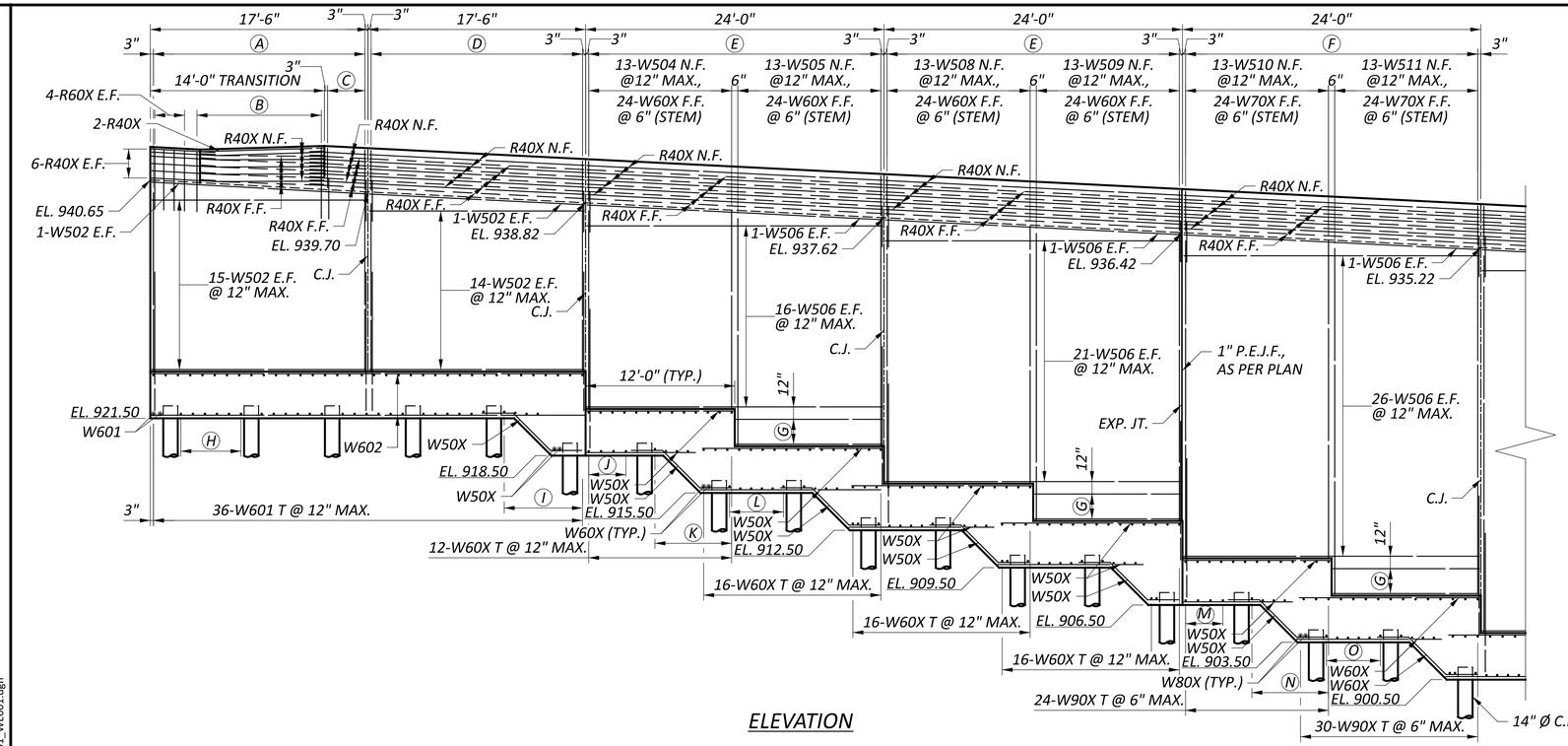
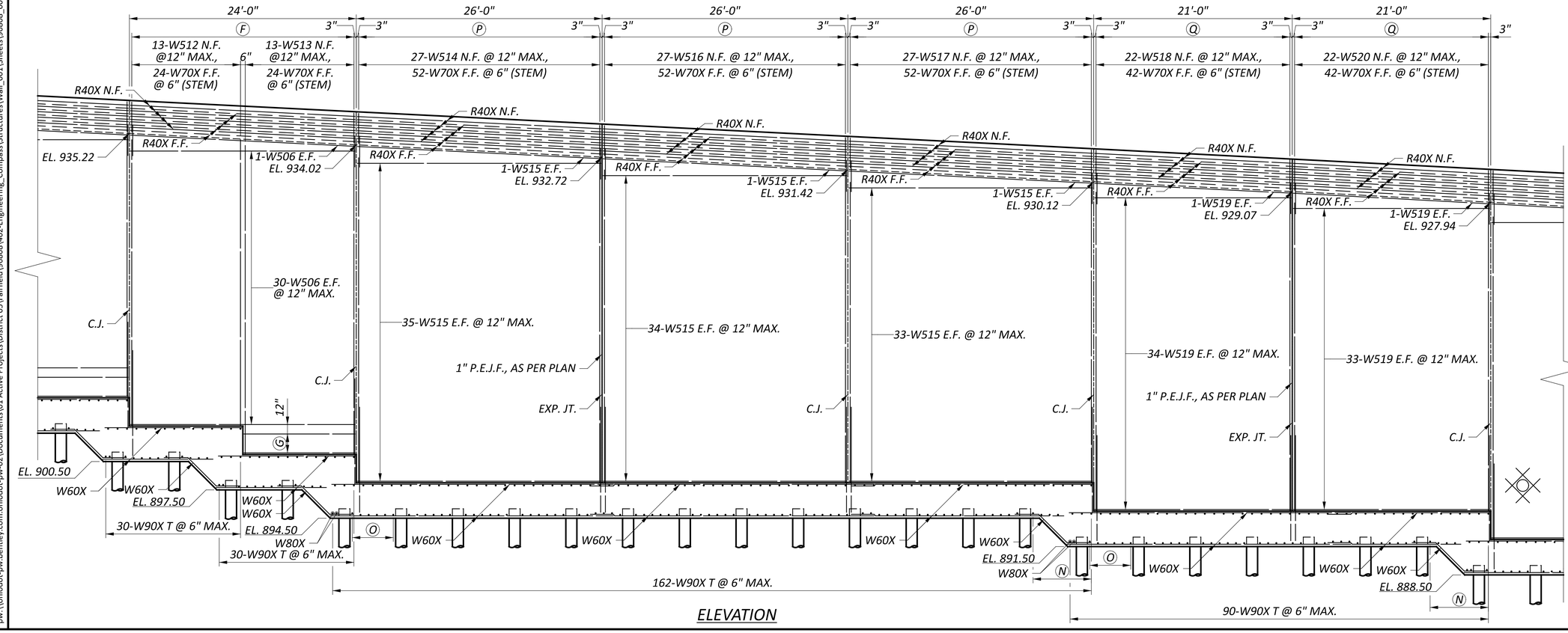


ELEVATION



ELEVATION

LEGEND

- (A) 18-W501 N.F., W80X F.F. @ 12" (STEM); 18-W80X F.F. @ 12" (FOOTING)
- (B) 1-SER. OF 11-R50X E.F. @ 12" MAX.
- (C) 4-R50X, R60X N.F. & R60X F.F. @ 12" MAX. (RAILING)
- (D) 18-R50X, R60X N.F.& R60X F.F. @ 12" (RAILING); 18-W503 N.F., W80X F.F. @ 12" (STEM); 18-W80X F.F. @ 12" (FOOTING)
- (E) 25-R50X, R60X N.F. & R60X F.F. @ 12" MAX. (RAILING); 48-W100X F.F. @ 6" (FOOTING)
- (F) 25-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING); 48-W100X F.F. @ 6" (FOOTING)
- (G) 3-W507 E.F. @ 12"
- (H) 6-W602 B @ 12" MAX. BETWEEN PILES (TYP.)
- (I) 8-W602 B @ 12" MAX. (TYP.)
- (J) 4-W60X B @ 12" MAX. BETWEEN PILES
- (K) 8-W60X B @ 12" MAX. (TYP.)
- (L) 6-W60X B @ 12" MAX. BETWEEN PILES (TYP.)
- (M) 4-W80X B @ 12" MAX. BETWEEN PILES
- (N) 8-W80X B @ 12" MAX. (TYP.)
- (O) 6-W80X B @ 12" MAX. BETWEEN PILES (TYP.)
- (P) 27-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING); 52-W100X F.F. @ 6" (FOOTING)
- (Q) 22-R50X, R60X N.F. & R60X F.F @ 12" MAX. (RAILING); 42-W100X F.F. @ 6" (FOOTING)

WALL ELEVATION - 1
CIP WALL NO. 7
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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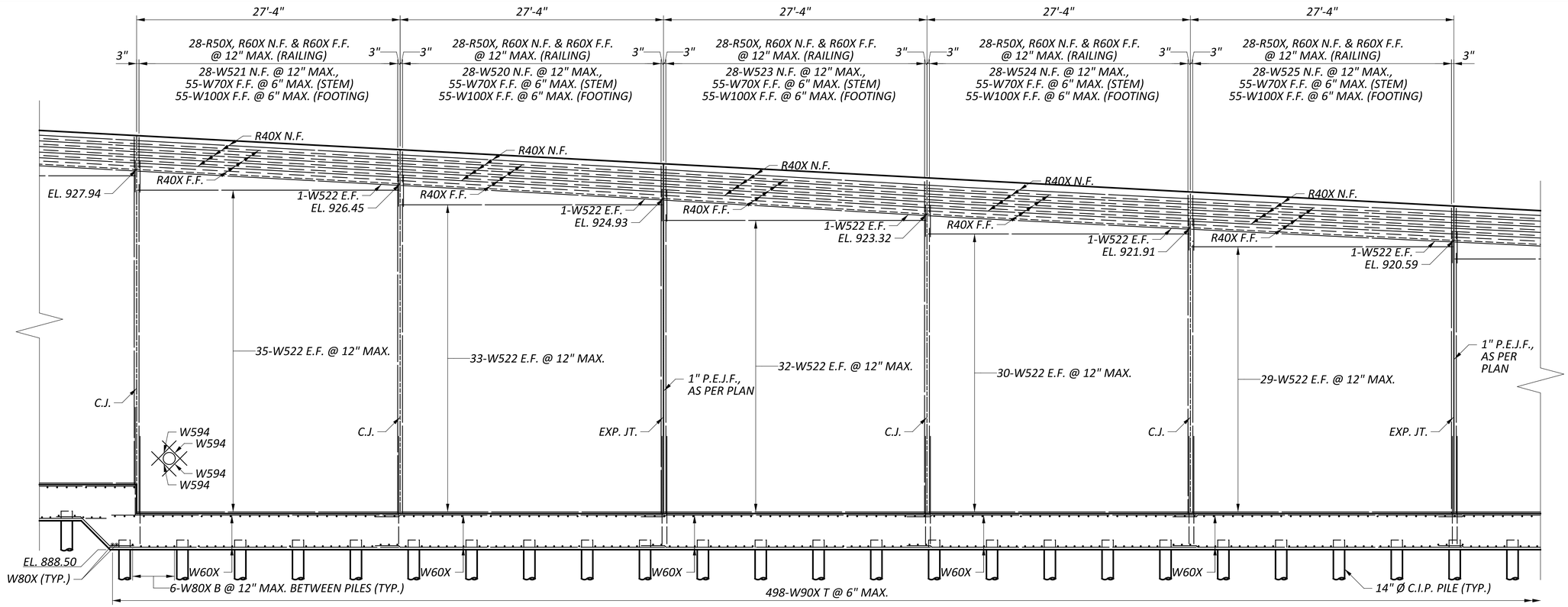
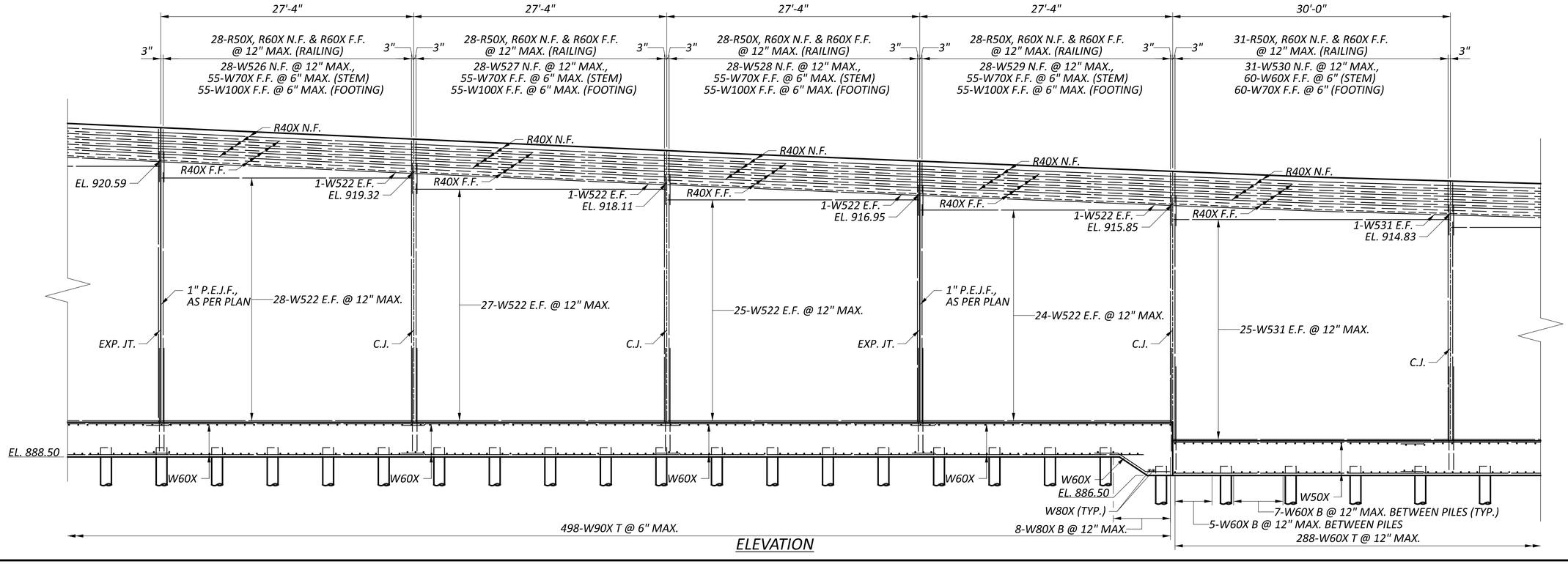
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	12
TOTAL	20
SHEET	P.1198
TOTAL	P.2024



ELEVATION



ELEVATION

WALL ELEVATION - 2
CIP WALL NO. 7
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

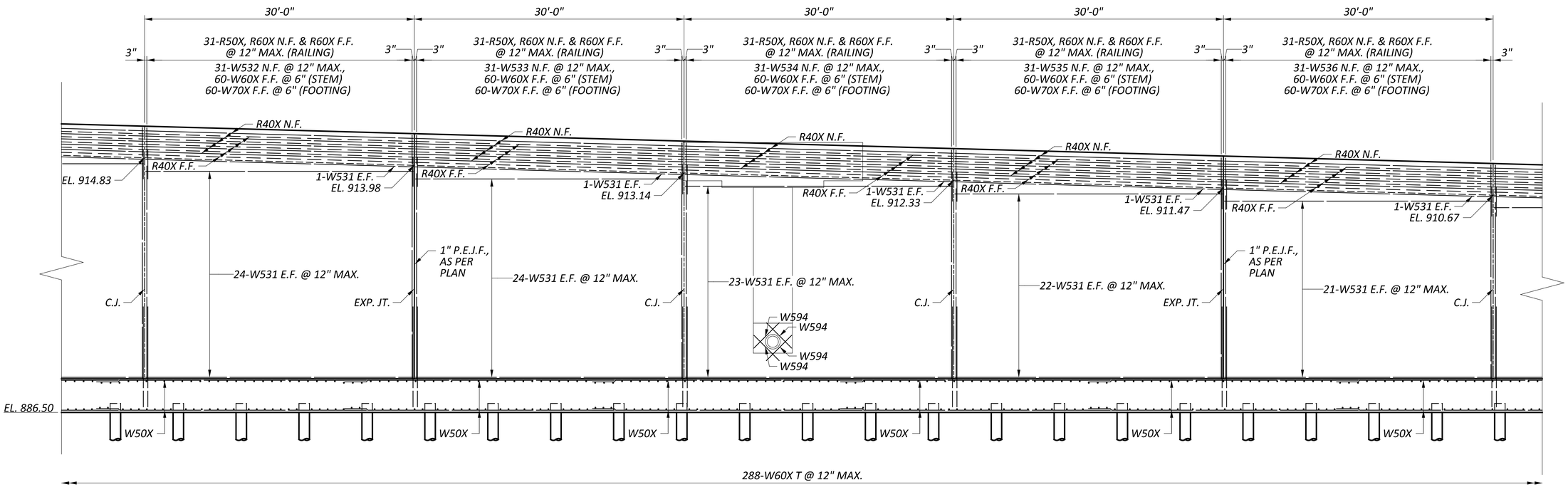
DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
13	20

SHEET	TOTAL
P.1199	P.2024



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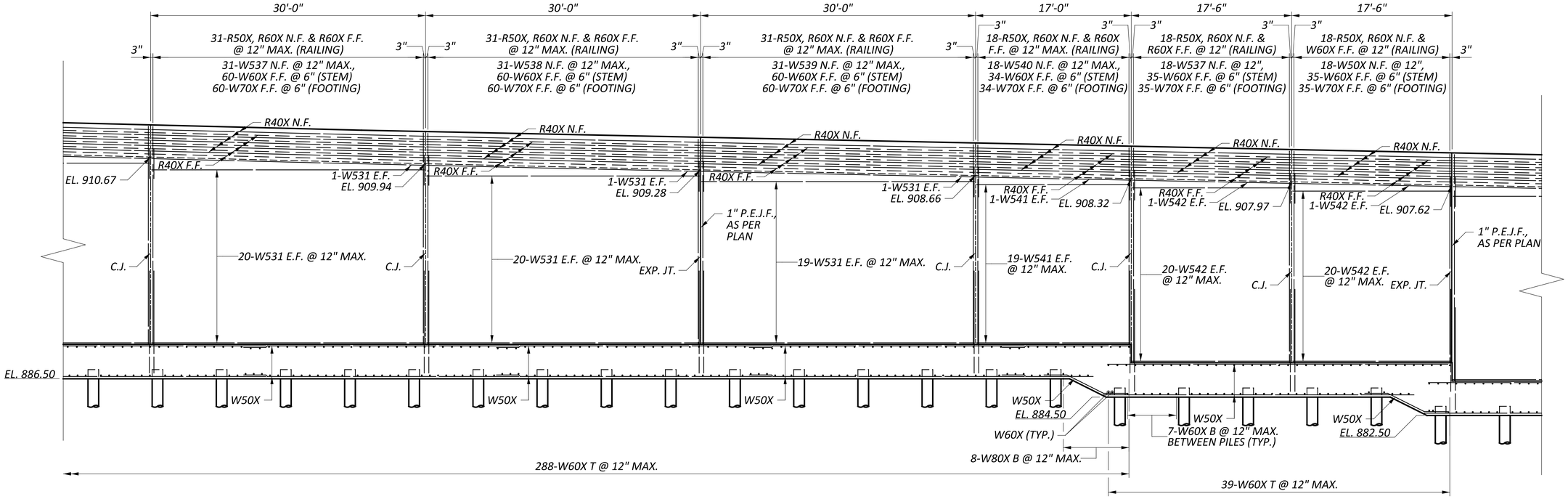

ELEVATION

WALL ELEVATION - 3
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

PROJECT ID
96808

SUBSET	TOTAL
14	20

SHEET	TOTAL
P.1200	P.2024

FAI/LIC-IR 70-0.00/0.00

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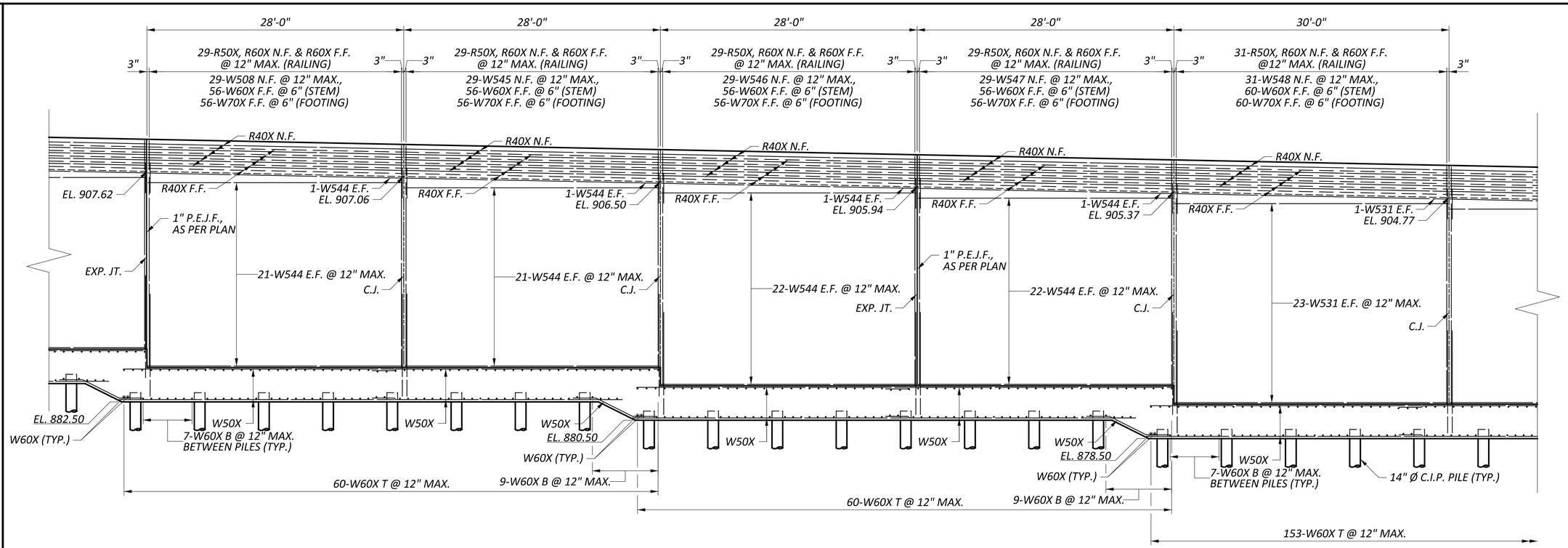
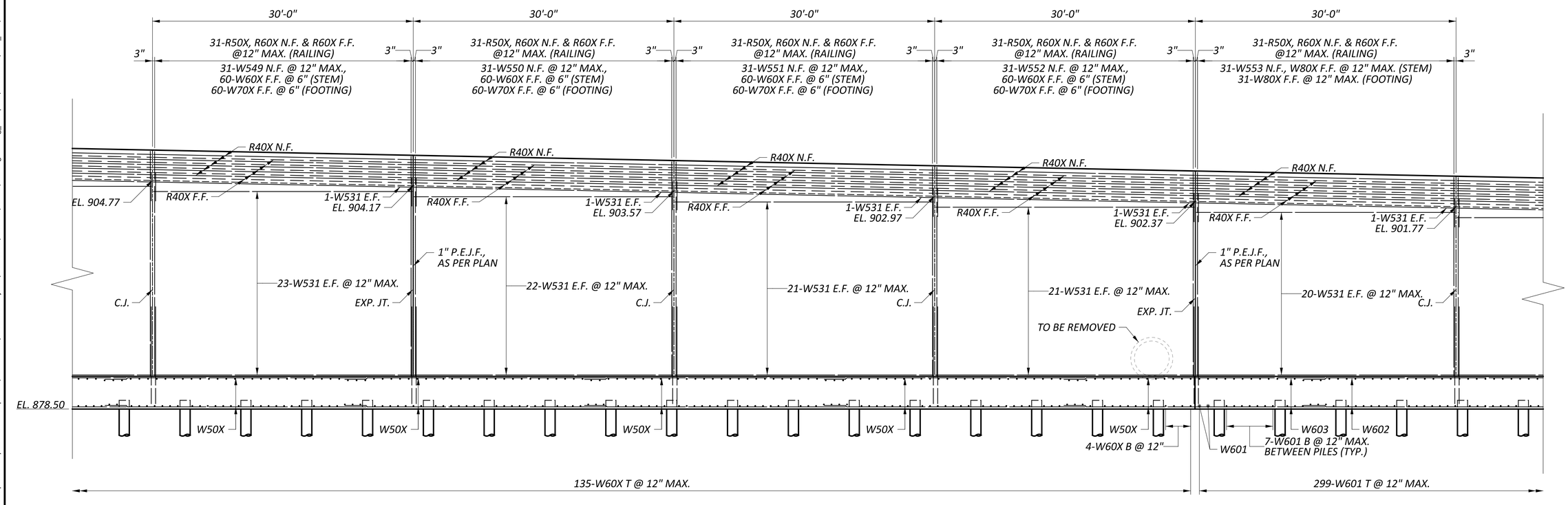


ELEVATION



ELEVATION

WALL ELEVATION - 4
CIP WALL NO. 7
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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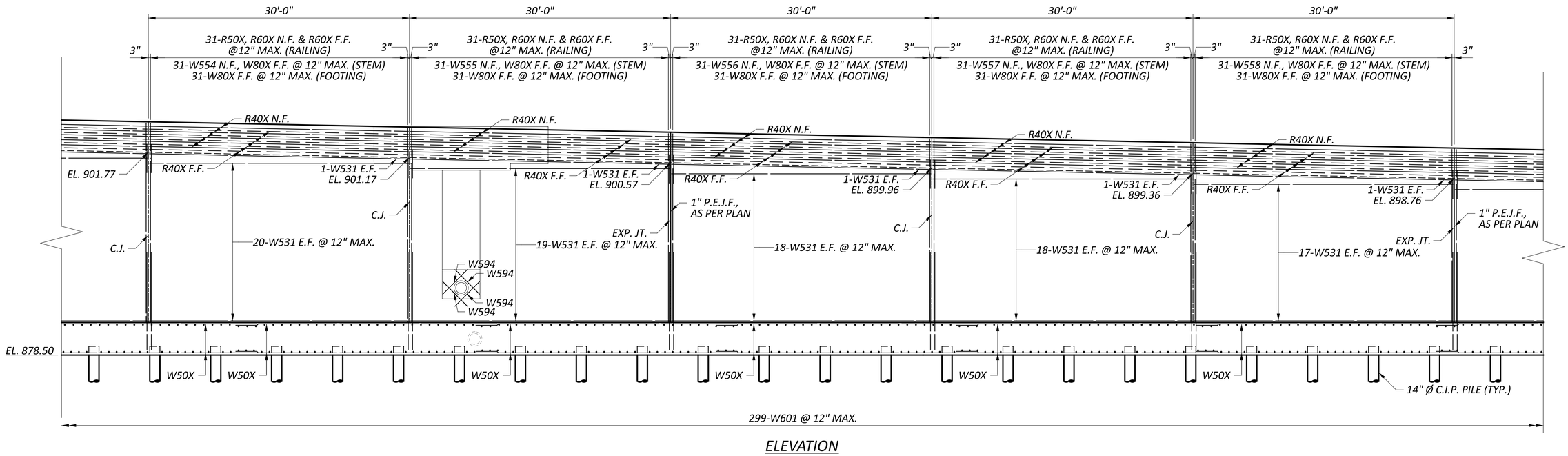
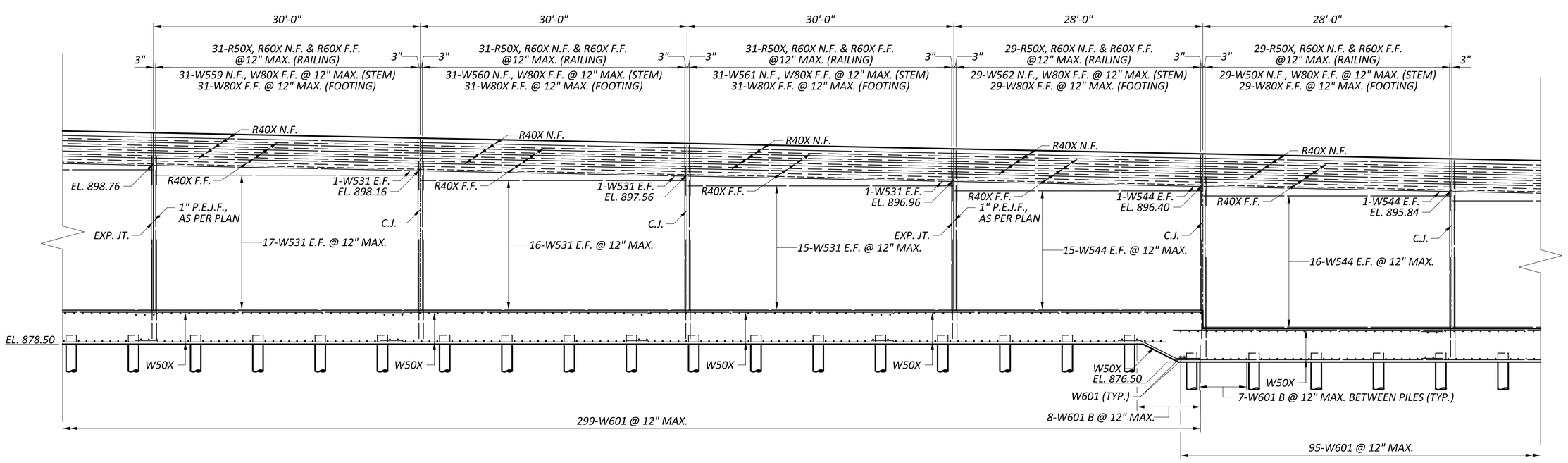
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	15
TOTAL	20
SHEET	P.1201
TOTAL	P.2024



ELEVATION



ELEVATION

WALL ELEVATION - 5
CIP WALL NO. 7
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

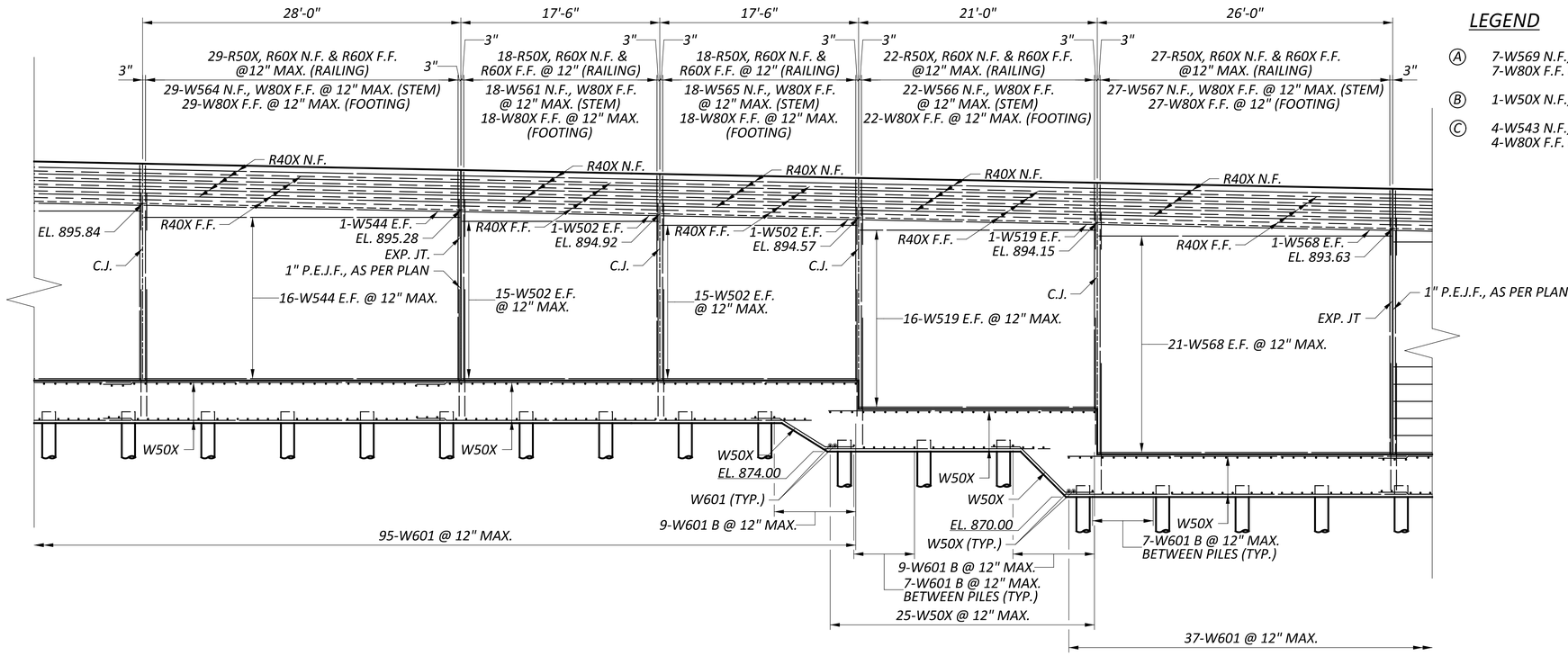
DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
16	20

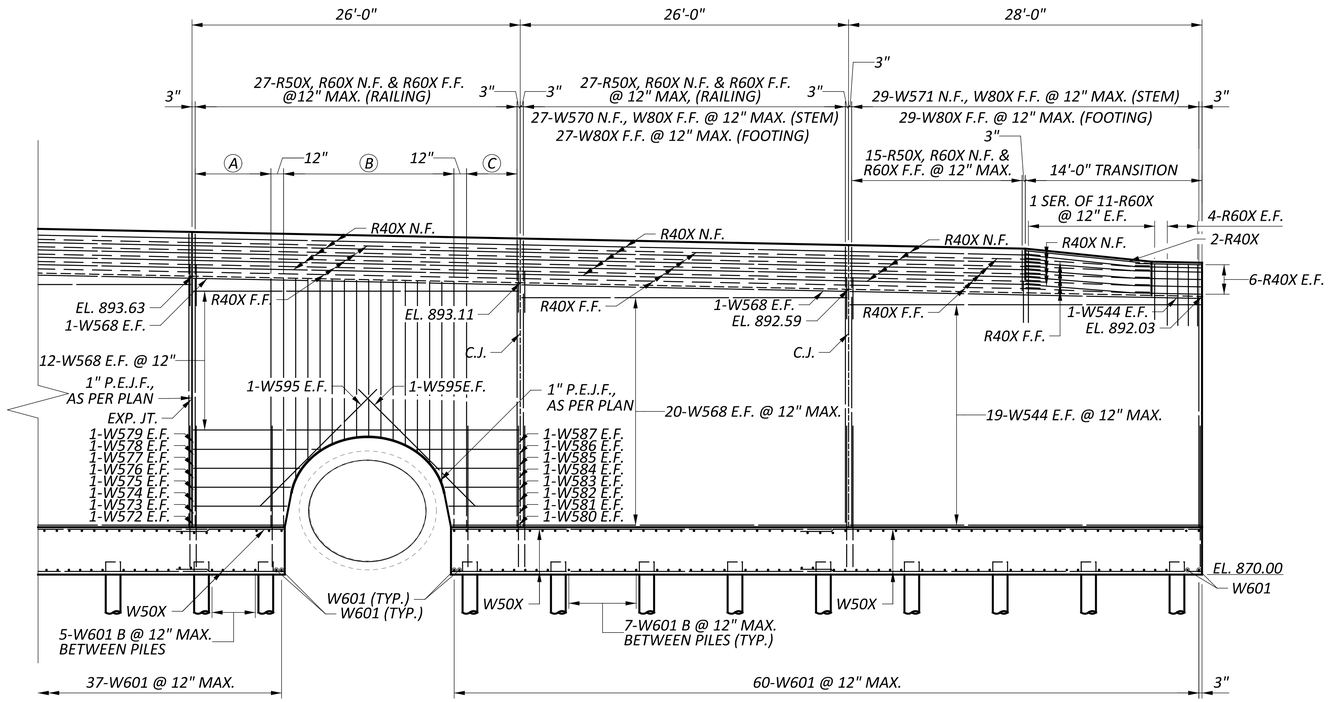
SHEET	TOTAL
P.1202	P.2024



ELEVATION

LEGEND

- (A) 7-W569 N.F., W60X F.F. @ 12" MAX. (STEM) 7-W80X F.F. @ 12" MAX. (FOOTING)
- (B) 1-W50X N.F., W60X F.F. (STEM)
- (C) 4-W543 N.F., W60X F.F. @ 12" MAX. (STEM) 4-W80X F.F. @ 12" MAX. (FOOTING)



ELEVATION

NOTES:

CONTRACTOR SHALL VERIFY LOCATION OF THE EXISTING PIPE. REINFORCING STEEL IN VICINITY OF PIPE MAY BE ADJUSTED AS NECESSARY TO AVOID CONFLICTS AND/OR MEET MINIMUM COVER REQUIREMENTS.

WALL ELEVATION - 6
CIP WALL NO. 7
ALONG RAMP H

SFN N/A

DESIGN AGENCY COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
17	20

SHEET	TOTAL
P.1203	P.2024

FAI/LIC-IR 70-0.00/0.00

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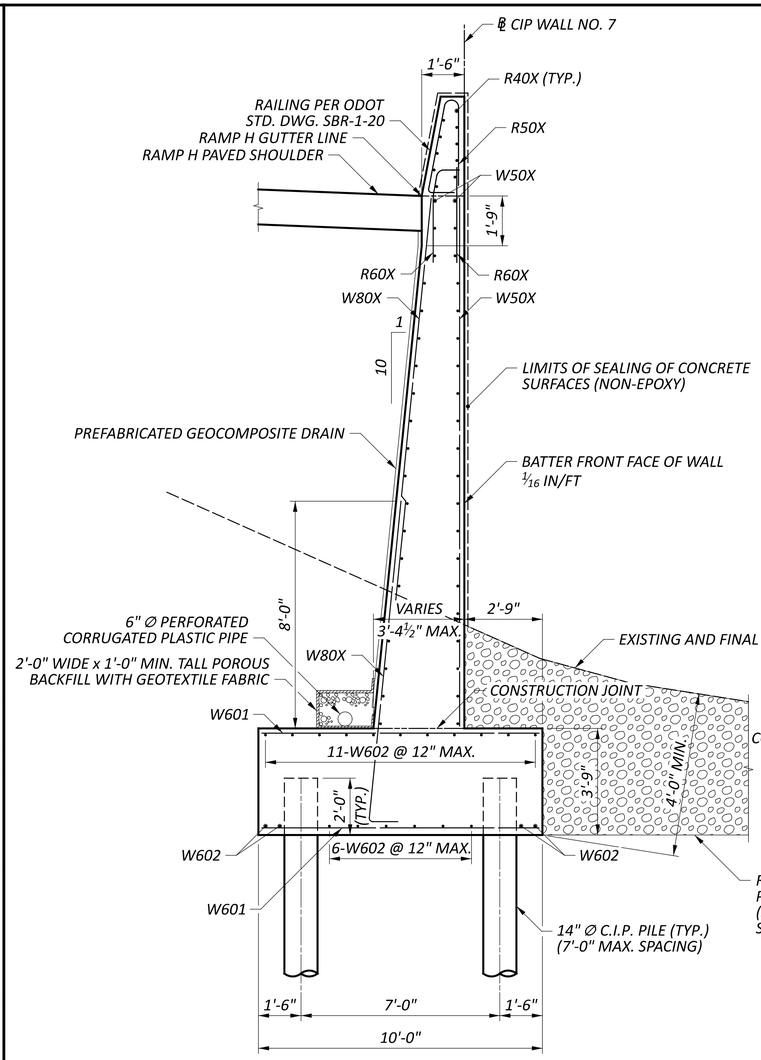
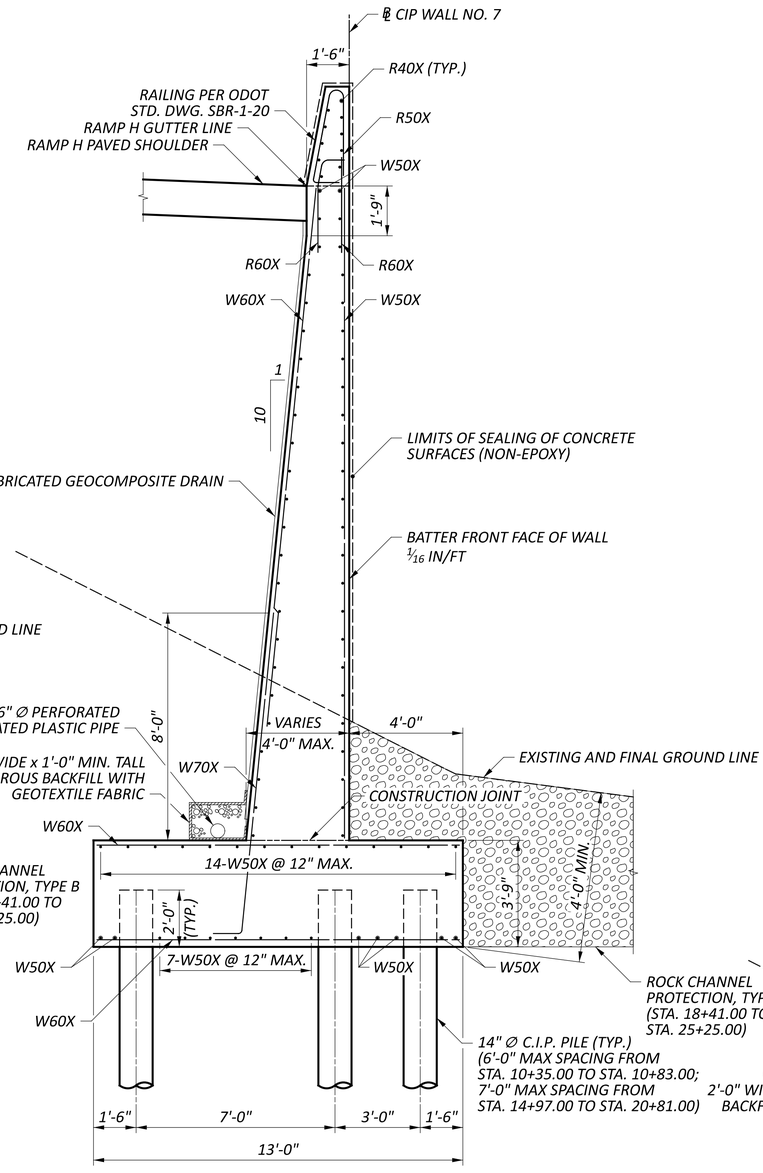


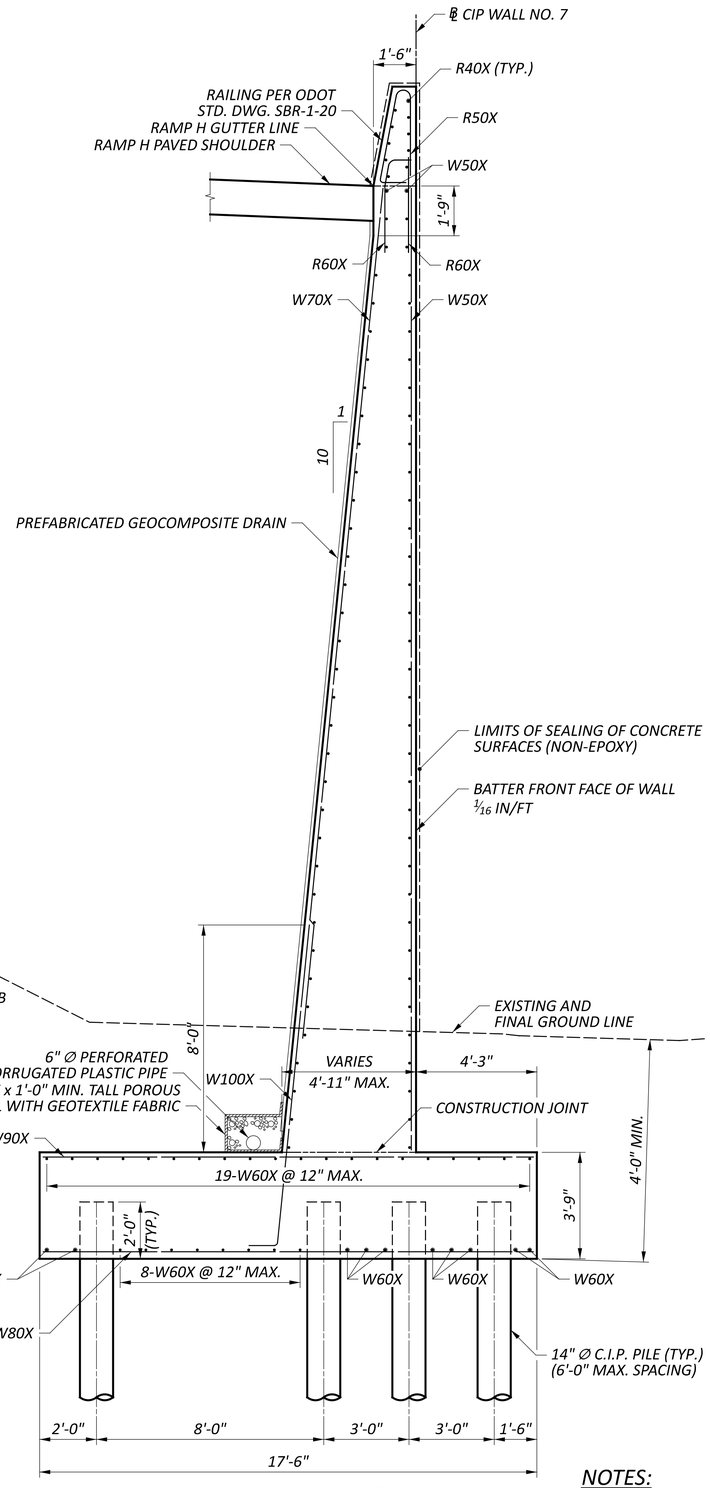
TYPICAL WALL SECTION

STA. 10+00.00 TO STA. 10+35.00
STA. 20+81.00 TO STA. 25+97.00



TYPICAL WALL SECTION

STA. 10+35.00 TO STA. 10+83.00
STA. 14+97.00 TO STA. 20+81.00



TYPICAL WALL SECTION

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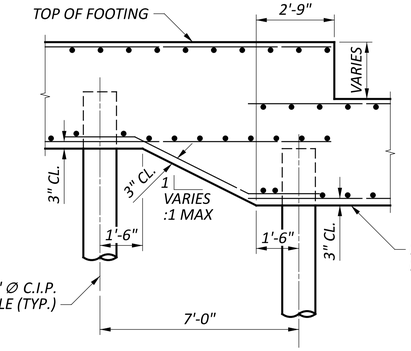
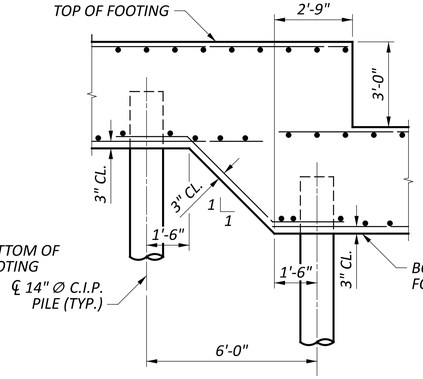
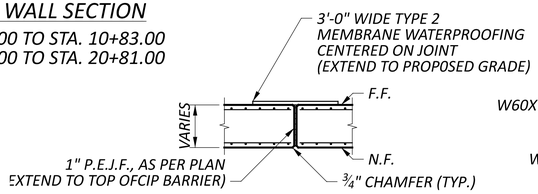


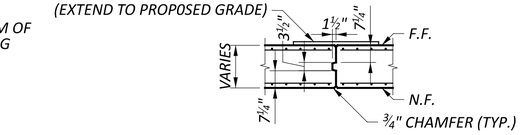
FOOTING STEP DETAIL



FOOTING STEP DETAIL



EXPANSION JOINT DETAILS



CONTRACTION JOINT DETAILS

NOTES:

1. LAP LENGTHS:
   #6 = 3'-7"
   #7 = 4'-2"
   #8 = 4'-9"

WALL DETAILS
CIP WALL NO. 7
ALONG RAMP H

SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-1-25
PROJECT ID	96808
SUBSET	18
TOTAL	20
SHEET	P.1204
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
WALL 7 (60 KSI, GALVANIZED)											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
RAIL (GFRP REINFORCING BARS)											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
RAIL (60 KSI, GALVANIZED)											
SUBTOTAL											

NOTES

1. FOR BAR BENDING DIAGRAMS AND NOTES, SEE SHEET 19/20.

REINFORCING LIST - 2
CIP WALL NO. 7
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
GAO	CCJ

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SUBSET	TOTAL
20	20

SHEET	TOTAL
P.1206	P.2024

FAI/LIC-IR 70-0.00/0.00

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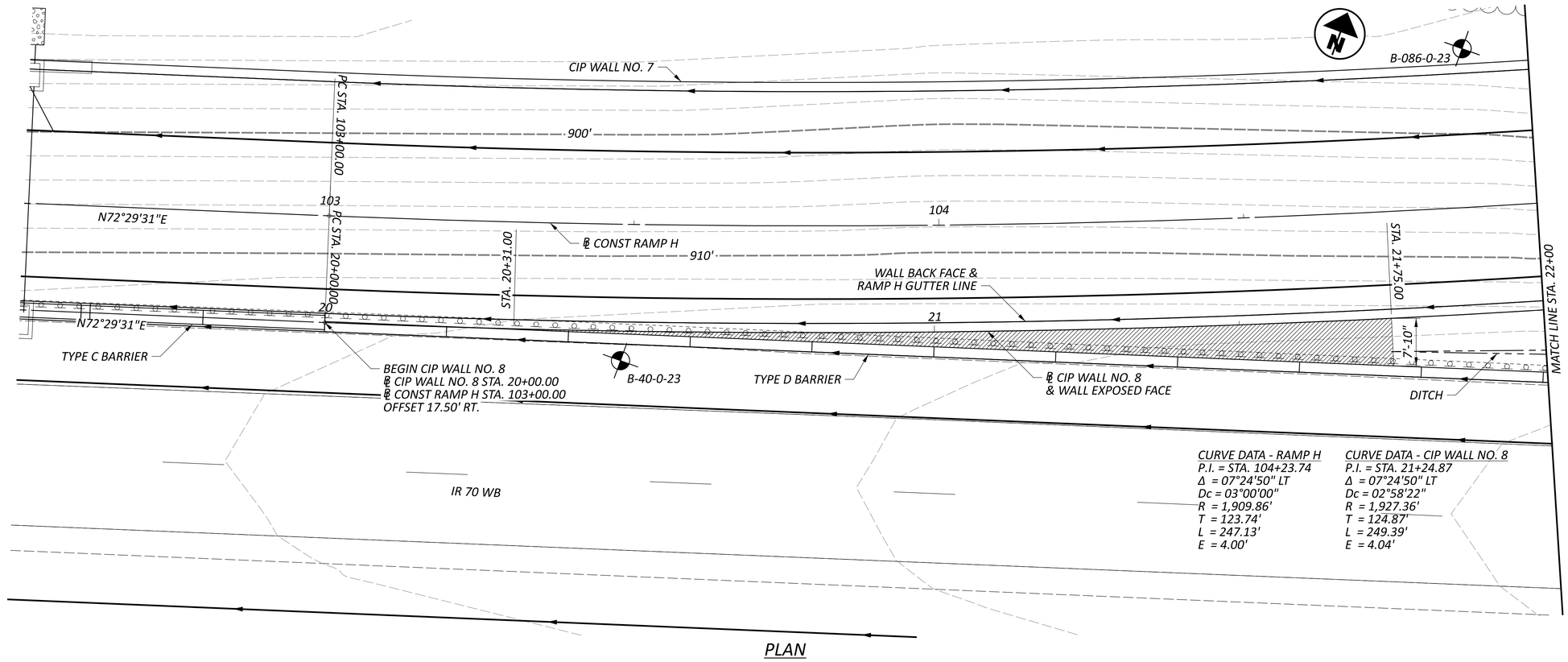
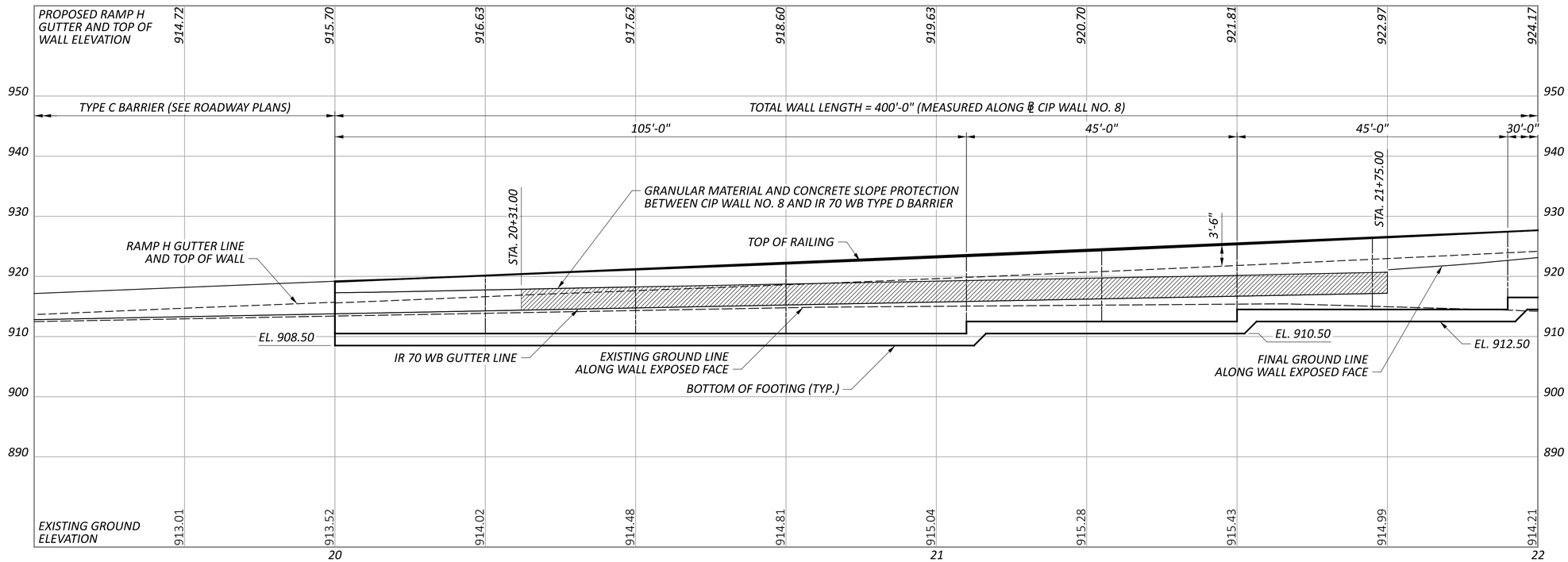


PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 1
CIP WALL NO. 8
ALONG RAMP H

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
1	7

SHEET	TOTAL
P.1207	P.2024

FAI/LIC-IR 70-0.00/0.00

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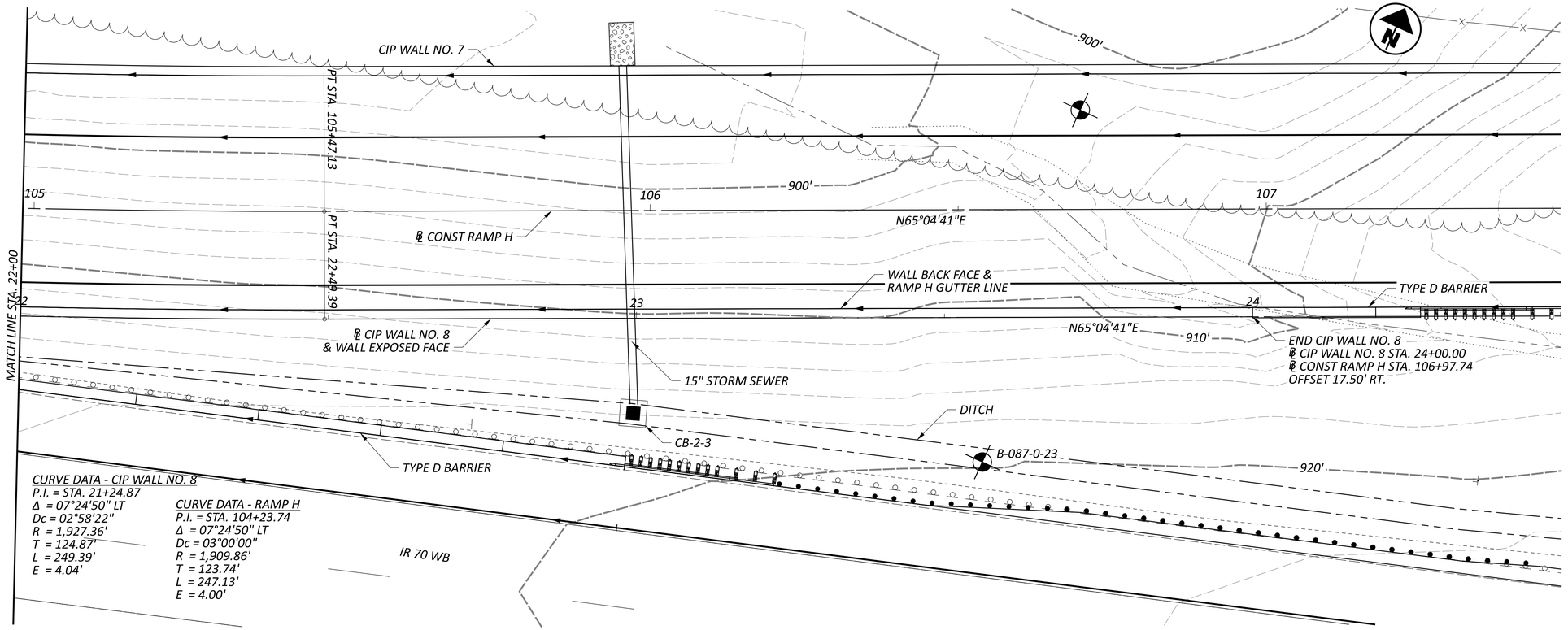
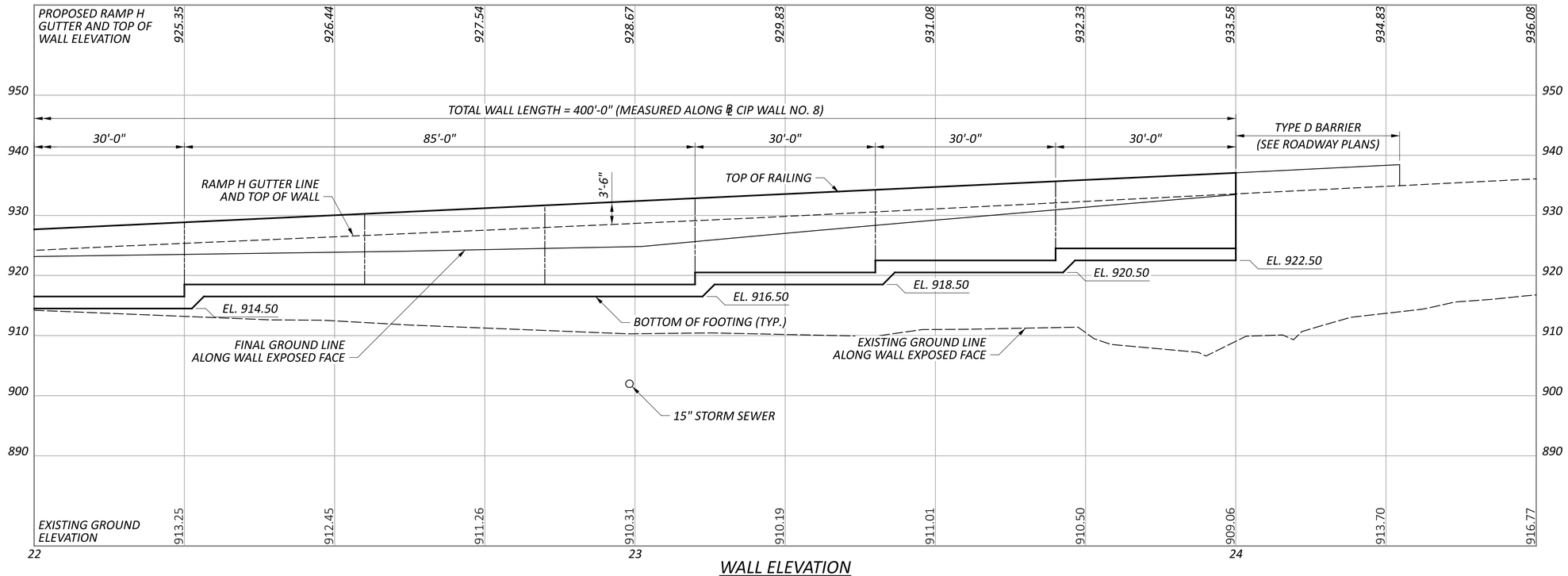


PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION - 2
CIP WALL NO. 8
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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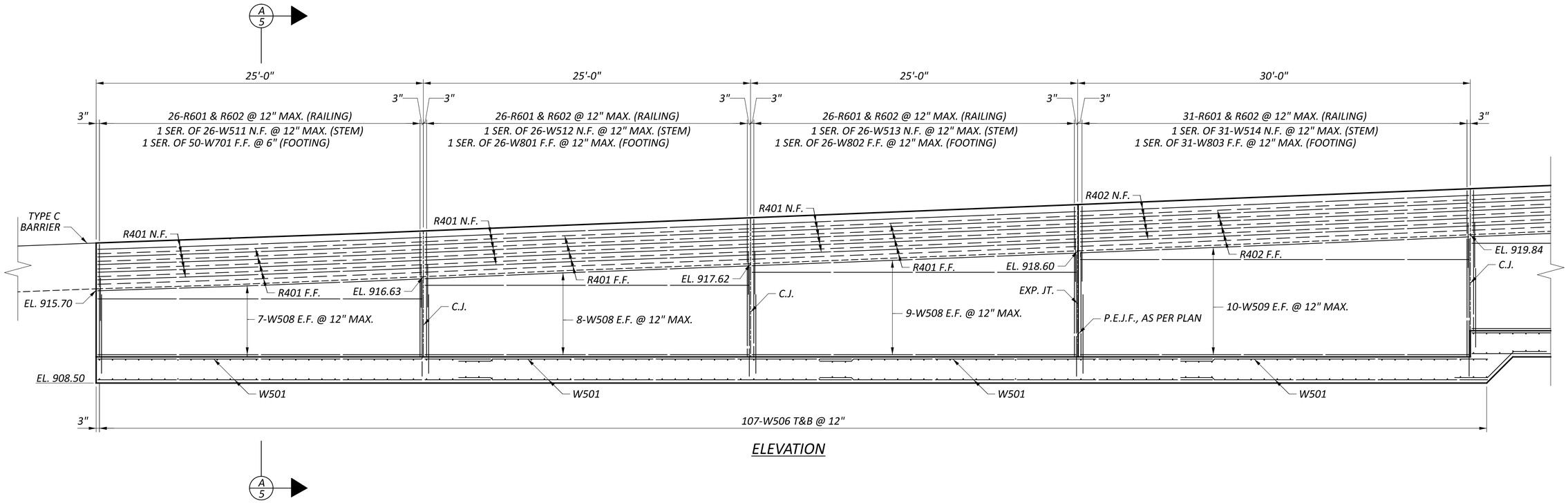
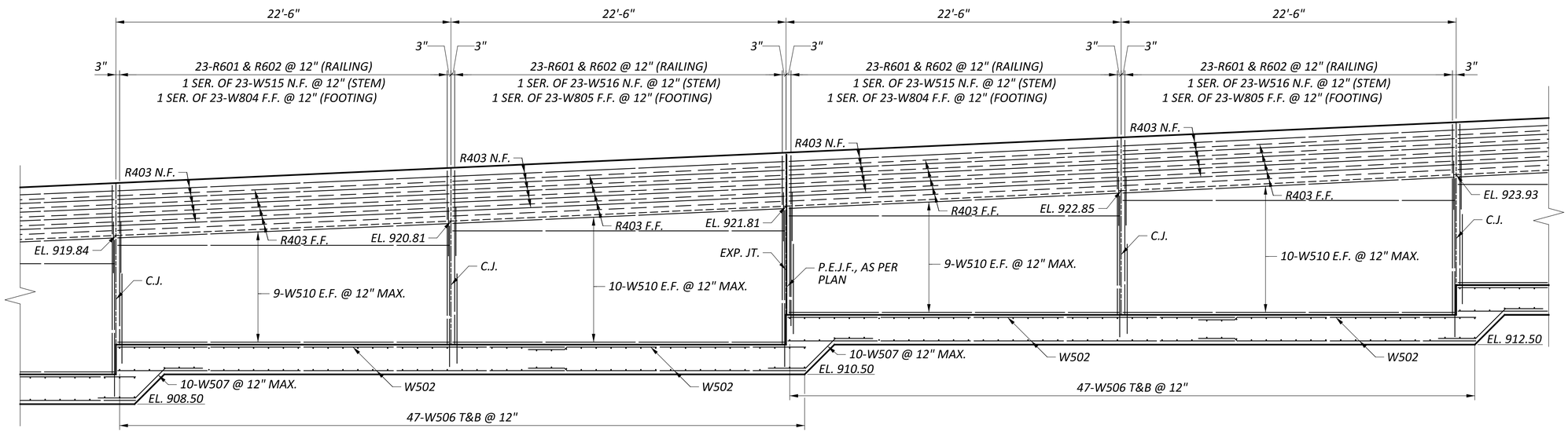
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	2
TOTAL	7
SHEET	P.1208
TOTAL	P.2024



ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-7"

WALL ELEVATION - 1
CIP WALL NO. 8
ALONG RAMP H

FAI/LIC-IR 70-0.00/0.00

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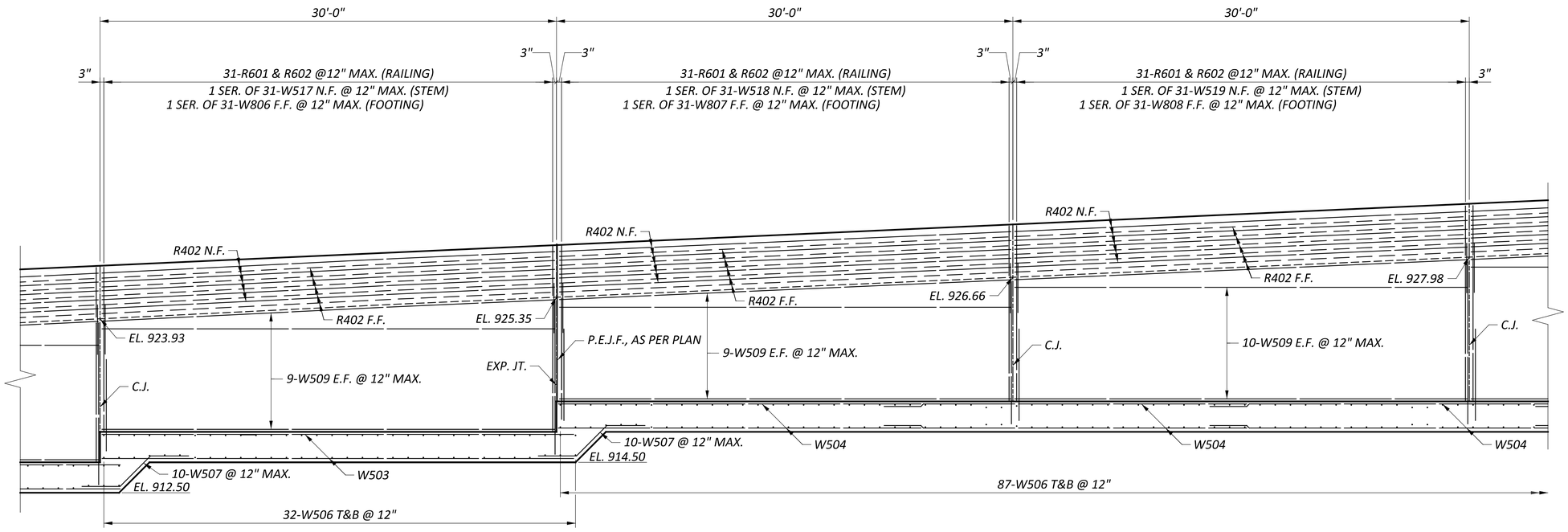
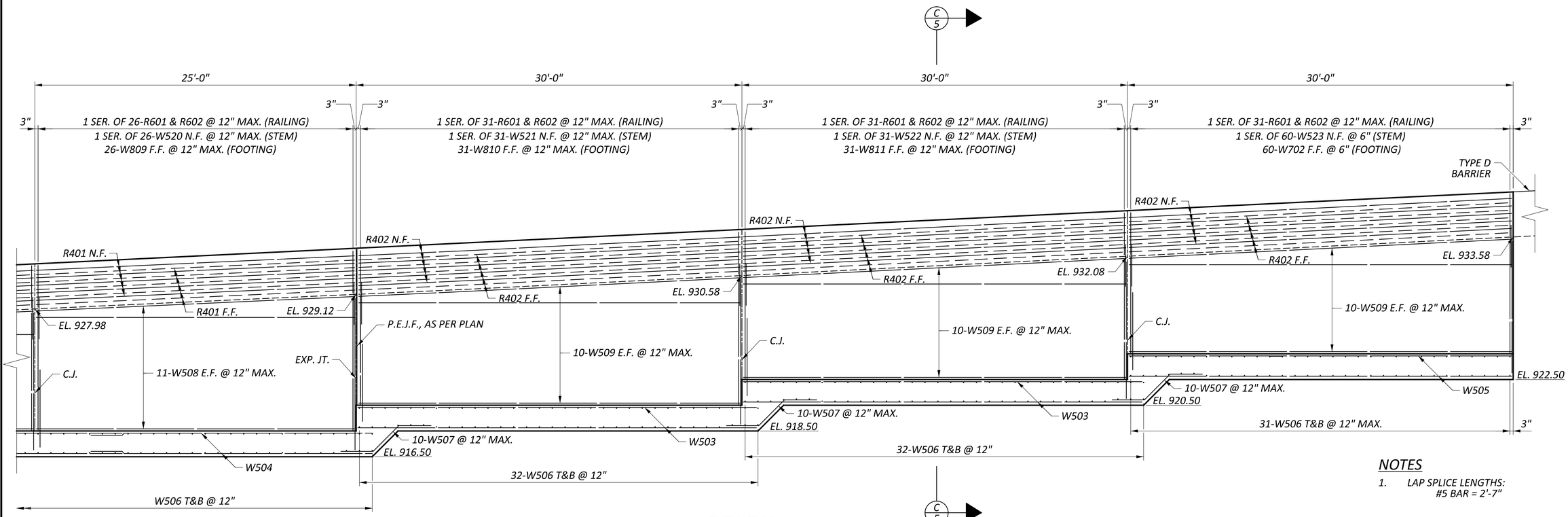
SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	3
TOTAL	7
SHEET	P.1209
TOTAL	P.2024



ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-7"

WALL ELEVATION - 2
CIP WALL NO. 8
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER
ERK 05-01-25

PROJECT ID
96808

SUBSET	TOTAL
4	7

SHEET	TOTAL
P.1210	P.2024

FAI/LIC-IR 70-0.00/0.00

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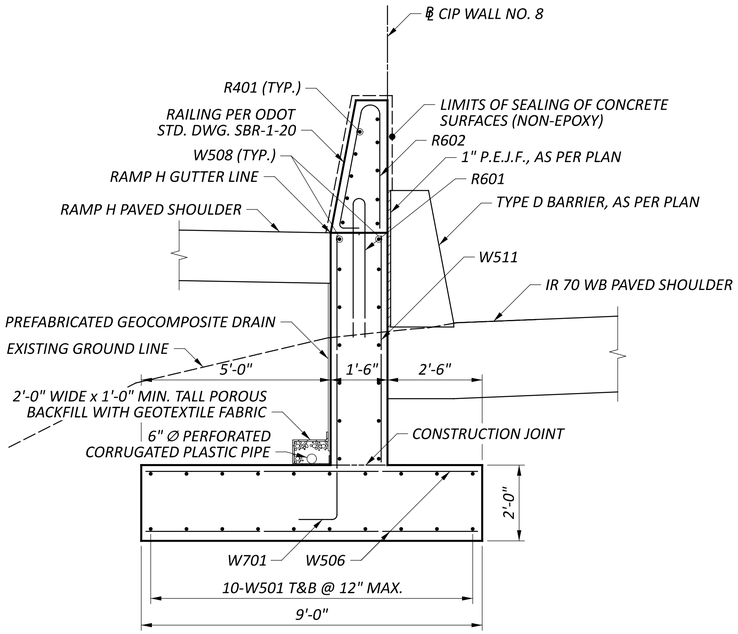
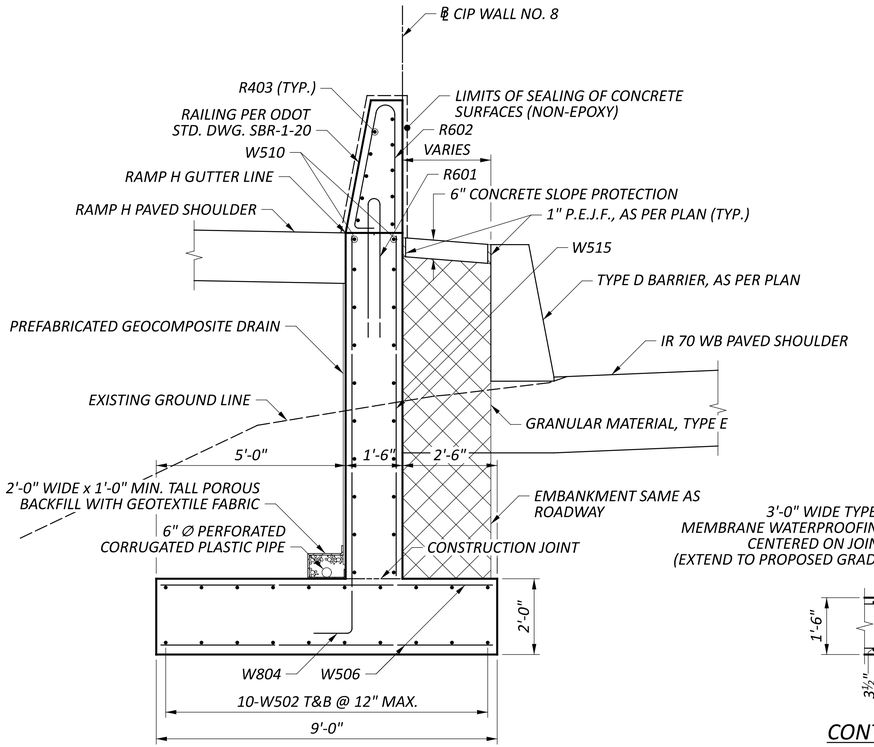
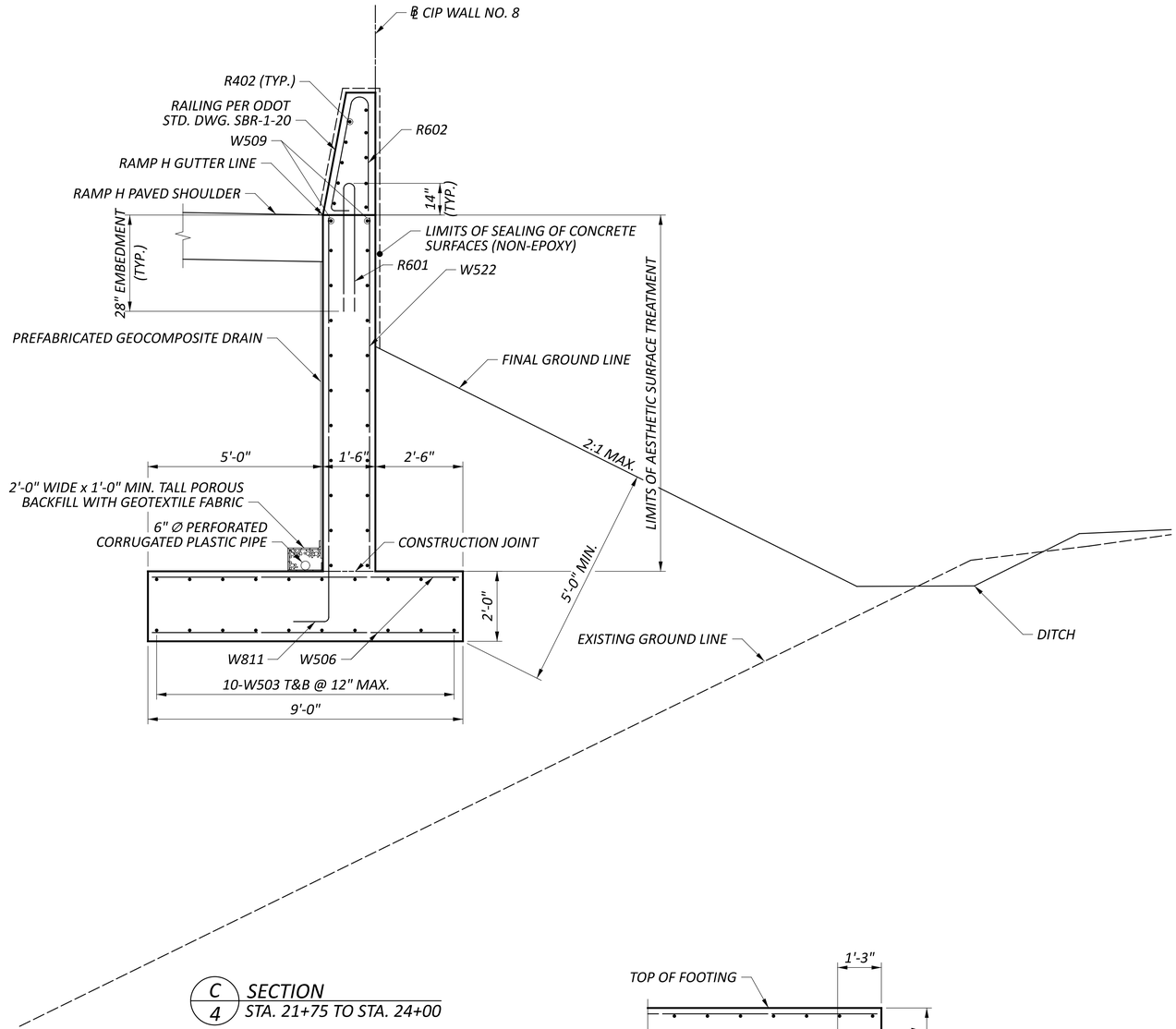


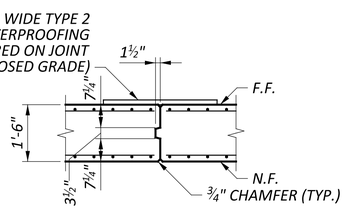
A/3 SECTION
STA. 20+00 TO STA. 20+31



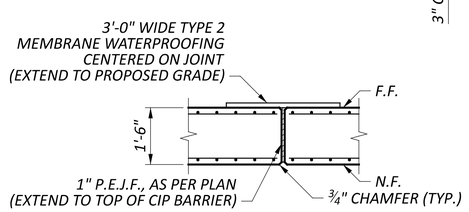
B/3 SECTION
STA. 20+31 TO STA. 21+75



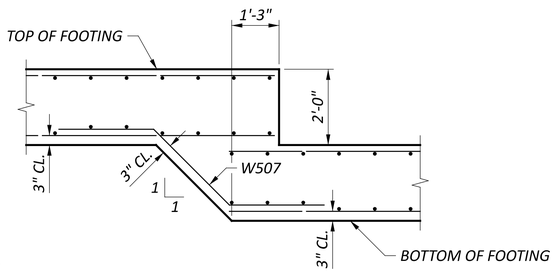
C/4 SECTION
STA. 21+75 TO STA. 24+00



CONTRACTION JOINT DETAIL



EXPANSION JOINT DETAIL



FOOTING STEP DETAIL

NOTES

1. LAP SPLICE LENGTHS:
   #5 BAR = 2'-7"
2. IN SECTIONS A, B, AND C, ONLY REINFORCING BARS LOCATED AT THE SECTION CUT HAVE BEEN SHOWN.

WALL DETAILS
CIP WALL NO. 8
ALONG RAMP H

SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	5
TOTAL	7
SHEET	P.1211
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
WALL 8 (60 KSI, GALVANIZED)											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
RAIL (GFRP REINFORCING BARS)											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
RAIL (60 KSI, GALVANIZED)											
SUBTOTAL											

NOTES

1. FOR BAR BENDING DIAGRAMS AND NOTES, SEE SHEET 6/7.

REINFORCING LIST - 2
CIP WALL NO. 8
ALONG RAMP H

SFN
N/A

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	CHECKER
GAO	CCJ

REVIEWER
XXX MM-DD-YY

PROJECT ID
96808

SUBSET	TOTAL
7	7

SHEET	TOTAL
P.1213	P.2024

FAI/LIC-IR 70-0.00/0.00

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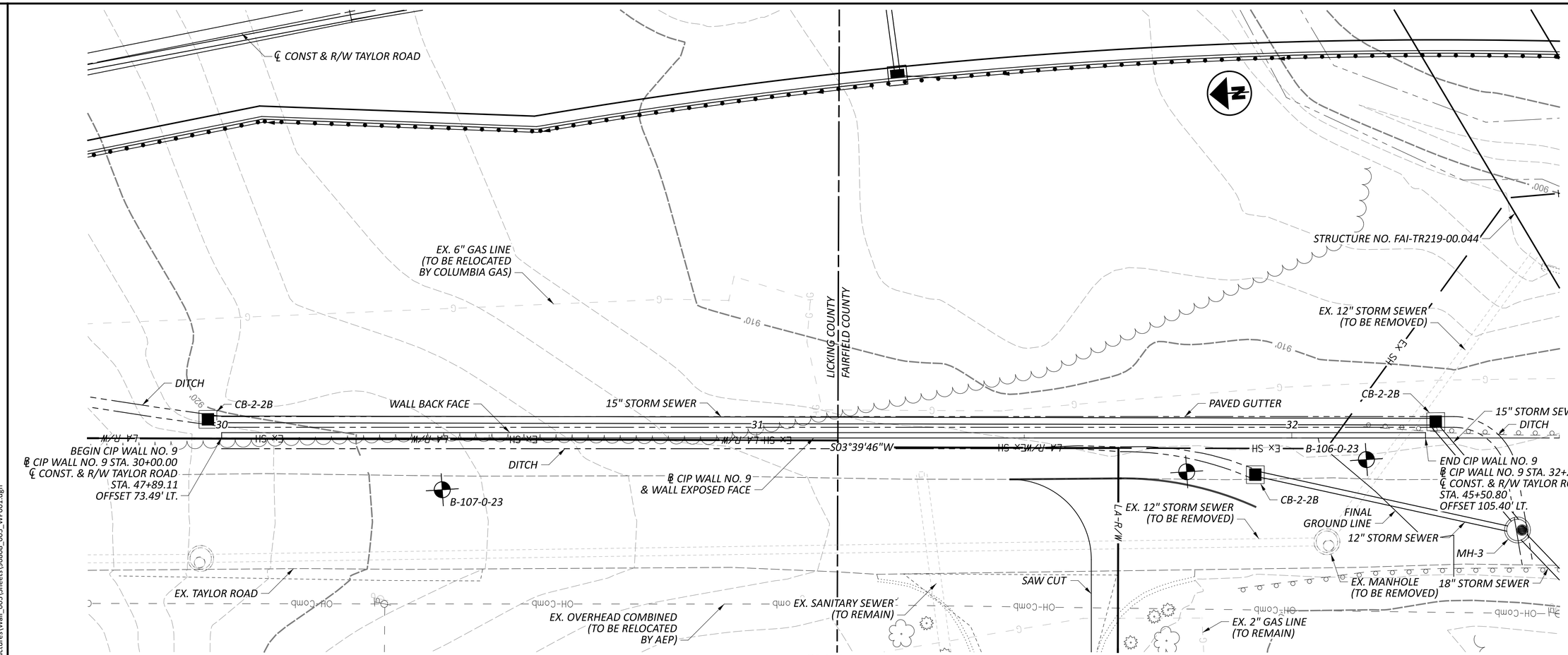
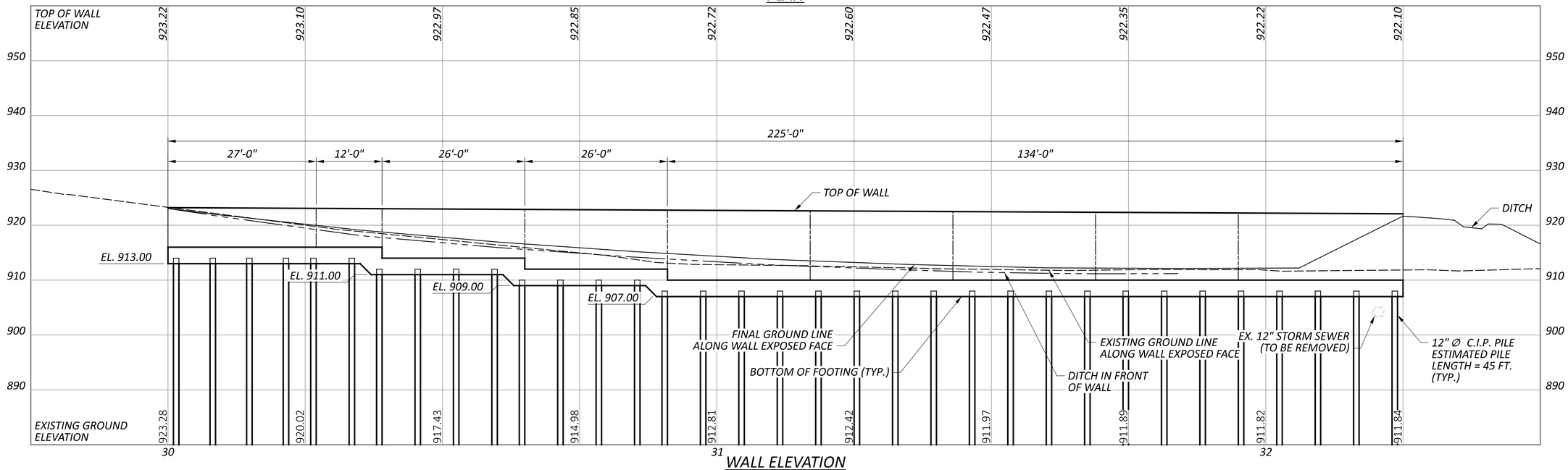


PLAN



WALL ELEVATION

HORIZONTAL SCALE IN FEET
0 5 10 20

PLAN AND ELEVATION
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
ZTW	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
1	6

SHEET	TOTAL
P.1214	P.2024

FAI/LIC-IR 70-0.00/0.00

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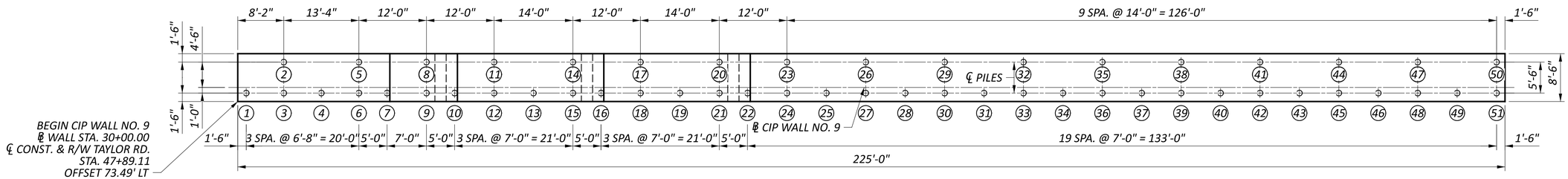

FOUNDATION PLAN

PILE SCHEDULE			
PILE SIZE	PILE NUMBER	CUTOFF ELEVATION	ORDER LENGTH
12" CIP	1-9	914.00	45.00
12" CIP	10-15	912.00	45.00
12" CIP	16-21	910.00	55.00
12" CIP	22-51	908.00	55.00

LEGEND

(#) PROPOSED PILE NUMBER

FOUNDATION PLAN
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

FAI/LIC-IR 70-0.00/0.00

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SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

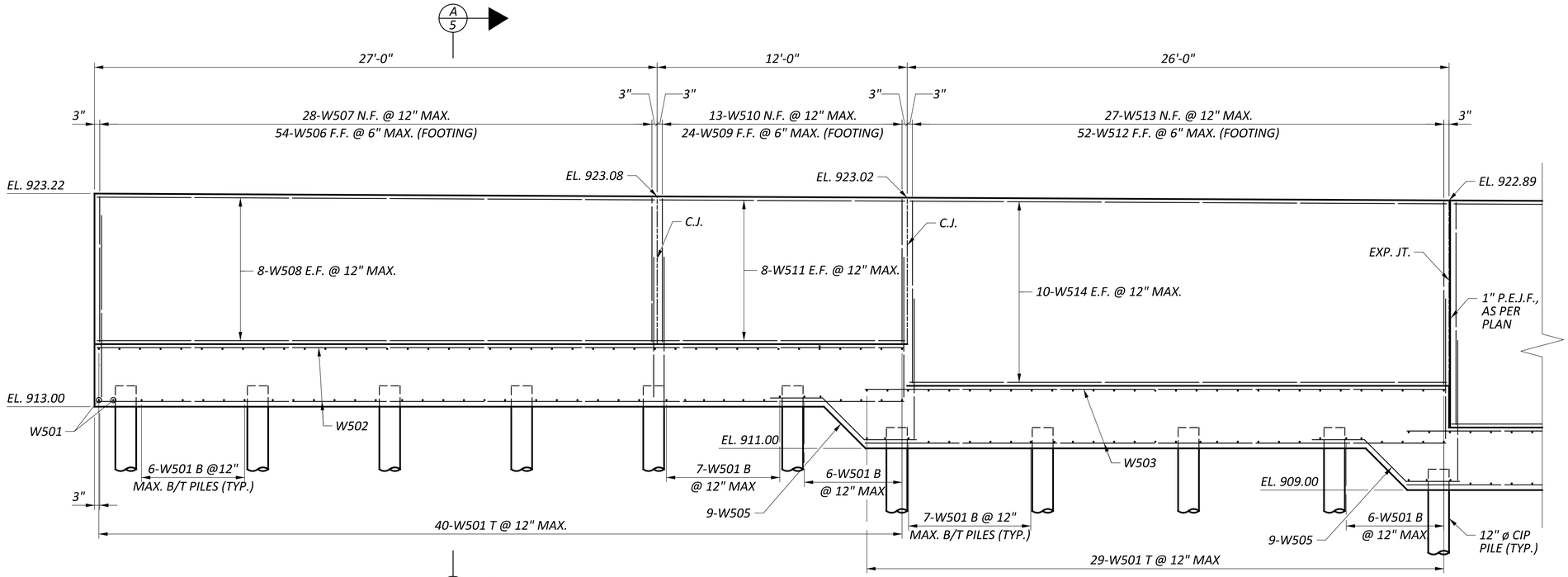
DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

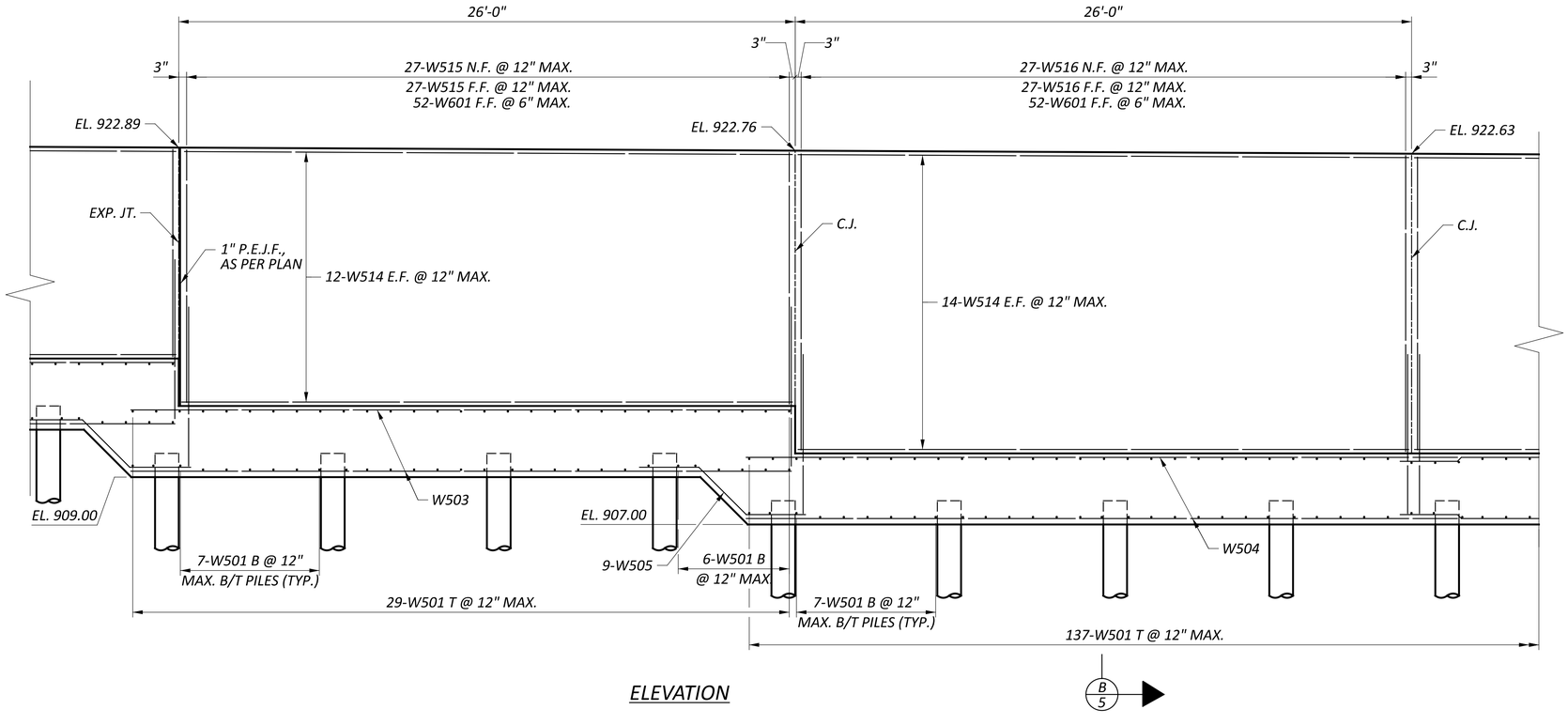
PROJECT ID 96808

SUBSET	TOTAL
2	6

SHEET	TOTAL
P.1215	P.2024



ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 HORIZONTAL = 2'-7"
   #5 VERTICAL = 2'-1"

WALL ELEVATION - 1
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	3
TOTAL	6
SHEET	P.1216
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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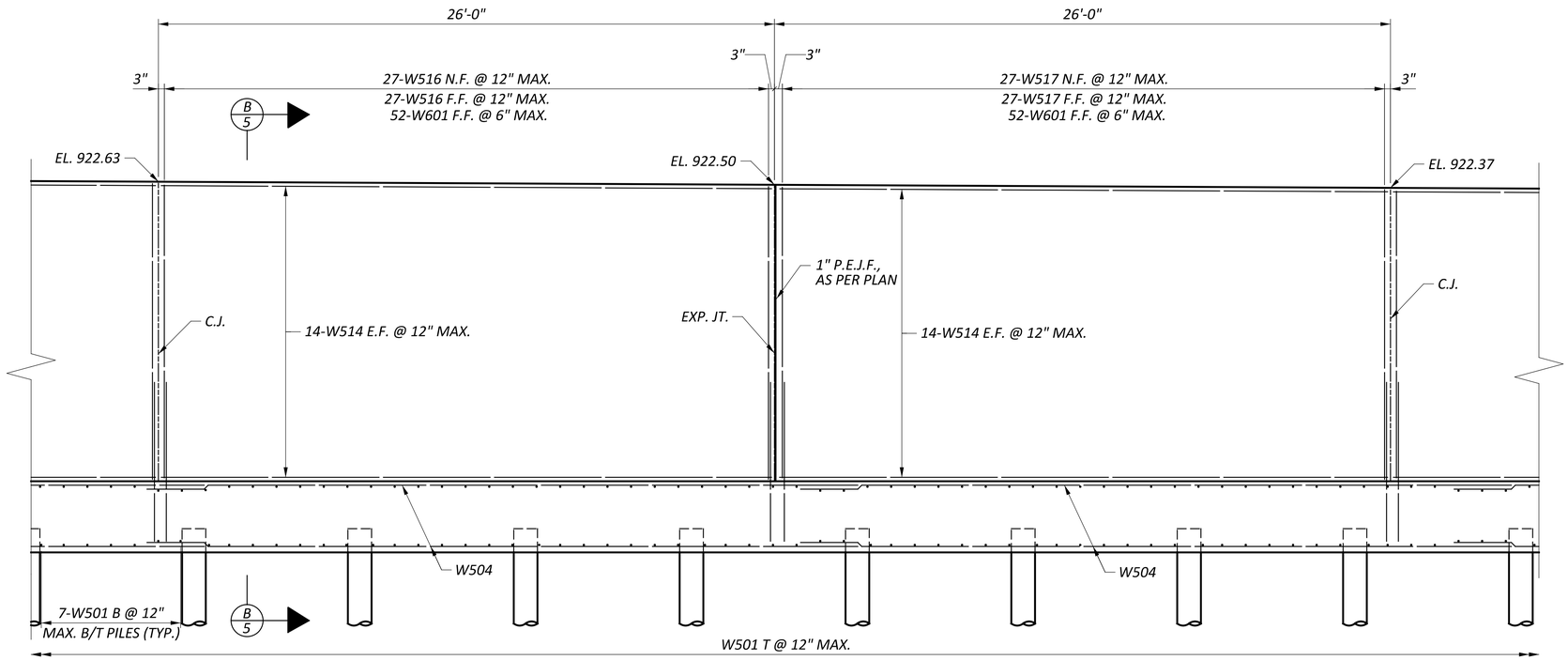
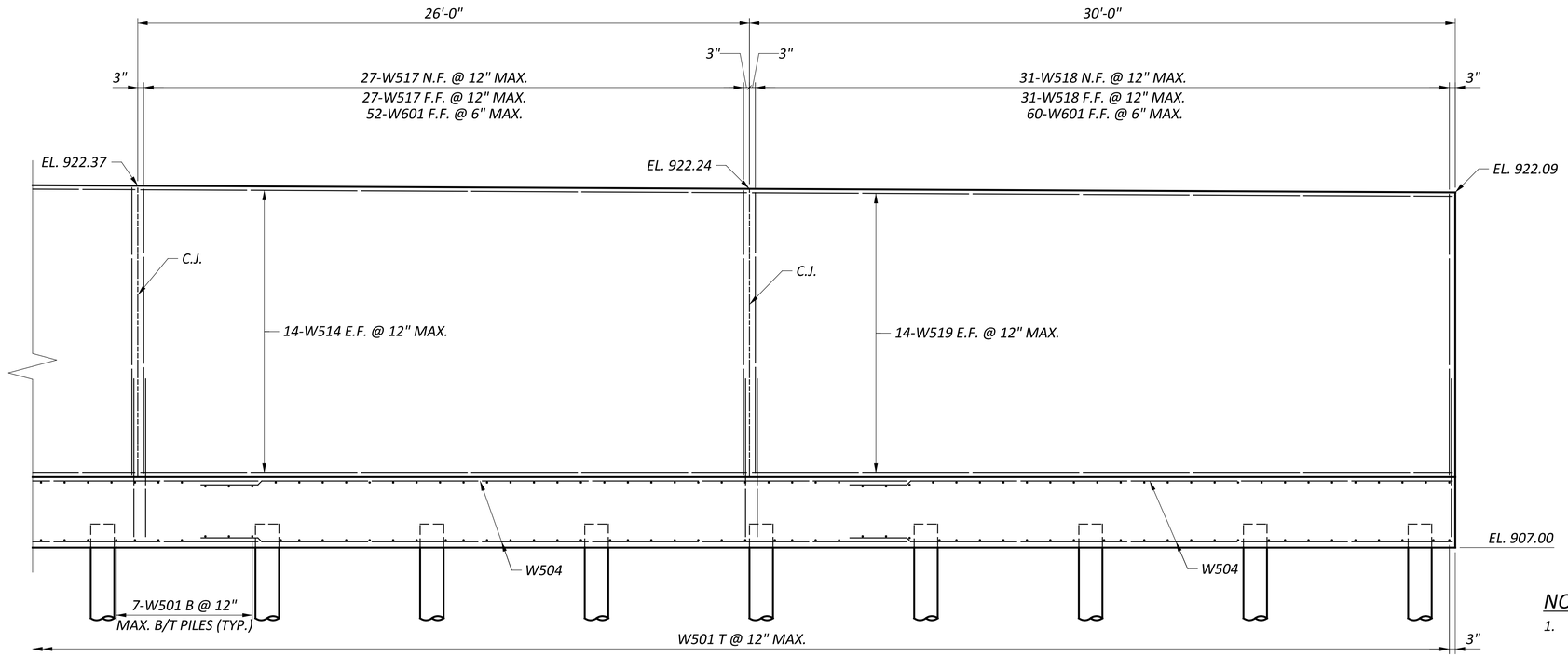


ELEVATION



ELEVATION

NOTES

1. LAP SPLICE LENGTHS:
   #5 HORIZONTAL = 2'-7"
   #5 VERTICAL = 2'-1"

WALL ELEVATION - 2
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN N/A

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER ERK 05-01-25

PROJECT ID 96808

SUBSET	TOTAL
4	6

SHEET	TOTAL
P.1217	P.2024

FAI/LIC-IR 70-0.00/0.00

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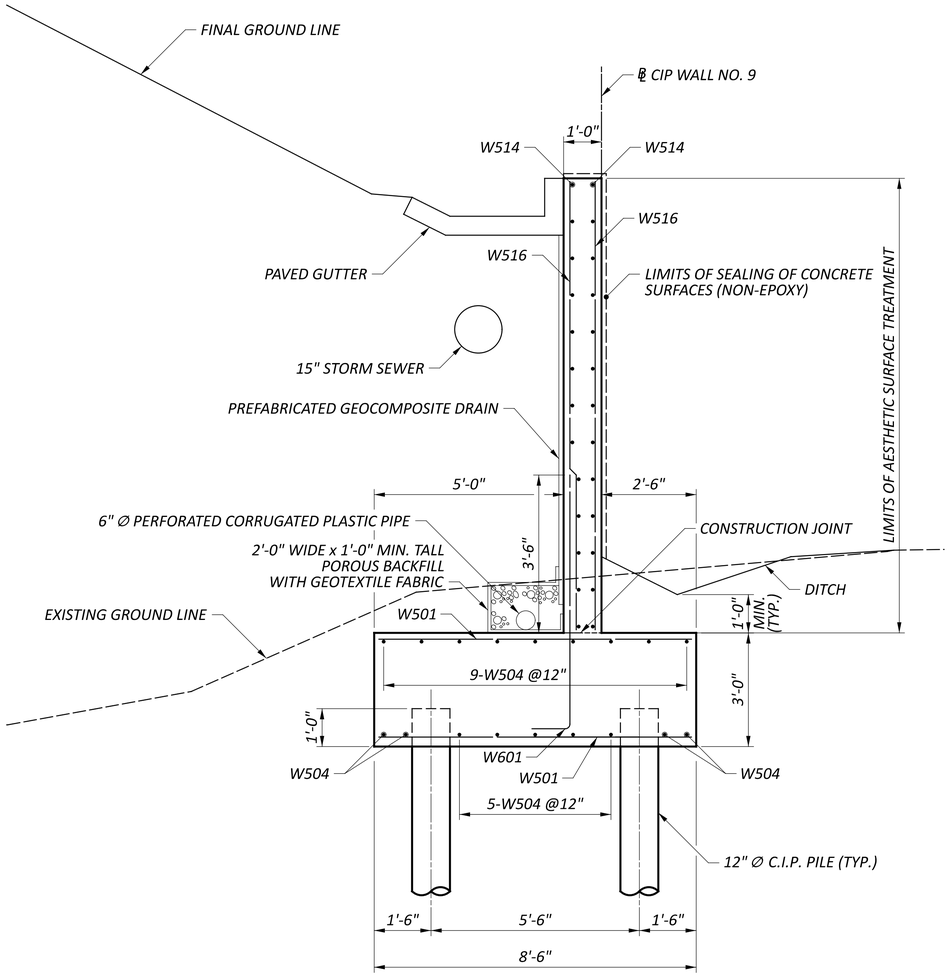
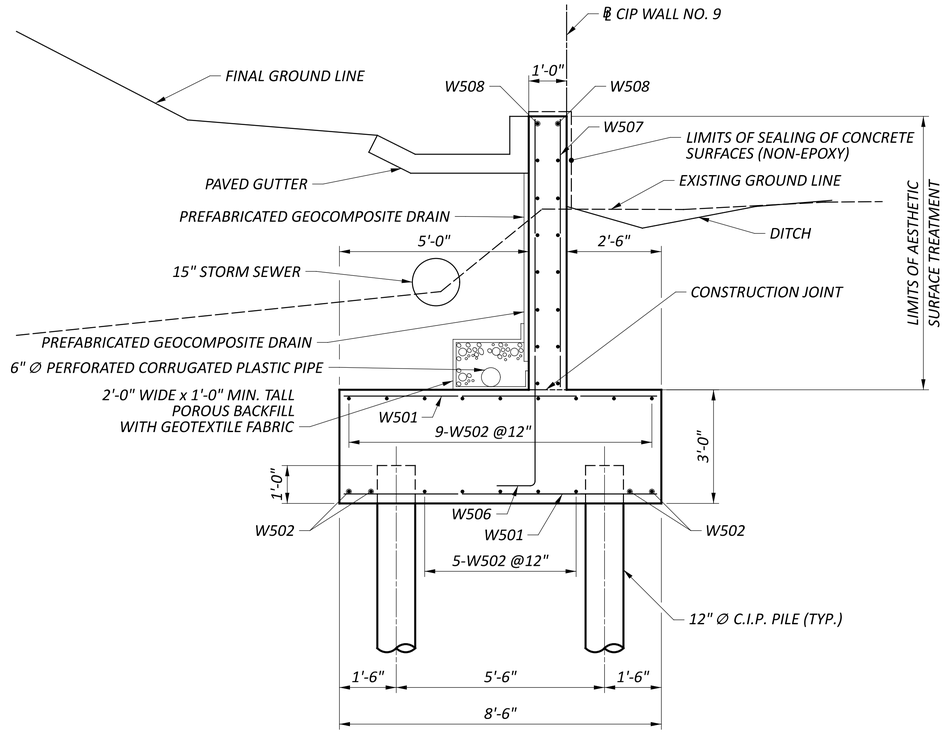
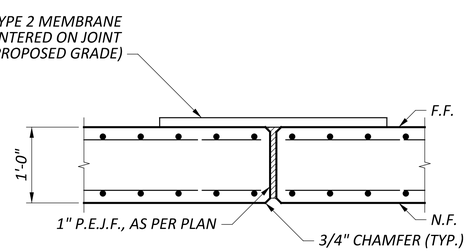


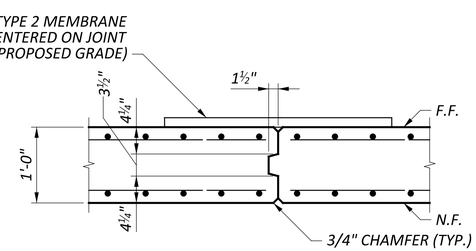
B/3,4 SECTION
STA. 30+65 TO STA. 32+25



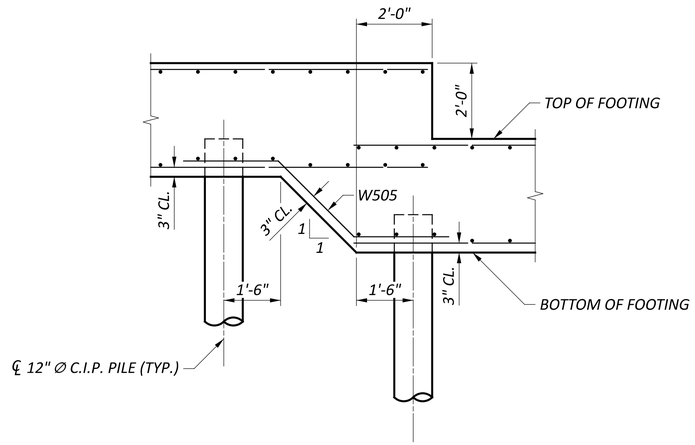
A/3 SECTION
STA. 30+00 TO STA. 30+65



EXPANSION JOINT DETAIL



CONTRACTION JOINT DETAIL



FOOTING STEP DETAIL

NOTES

1. LAP SPLICE LENGTHS:
   #5 HORIZONTAL = 2'-7"
   #5 VERTICAL = 2'-1"

WALL DETAILS
CIP WALL NO. 9
ALONG EXISTING TAYLOR ROAD

SFN	N/A
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	ZTW
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	5
TOTAL	6
SHEET	P.1218
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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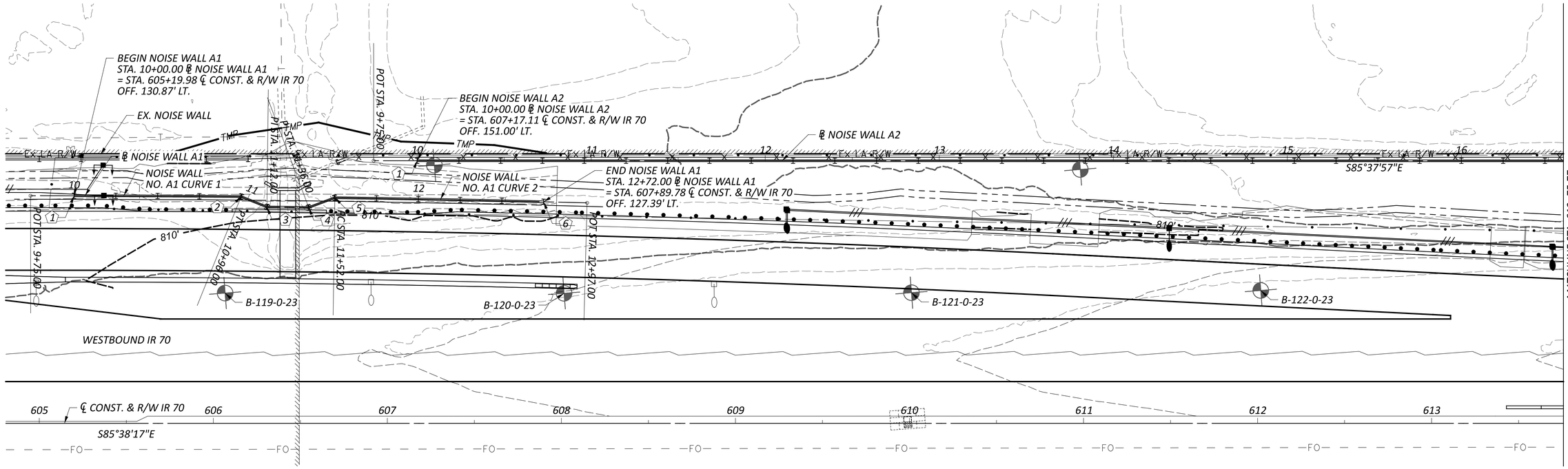
MARK	NUMBER / TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
WALL 9 (60 KSI, GALVANIZED)											



NOISE WALL A1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	605+19.98	130.87	704,177.02	1,877,673.65	S 85°05'37.94" E
2	10+96.00	606+15.98	130.36	704,169.21	1,877,769.33	S 63°42'42.20" E
3	11+12.00	606+30.82	124.38	704,162.12	1,877,783.67	S 84°57'34.31" E
4	11+36.00	606+54.82	124.10	704,160.01	1,877,807.58	N 73°47'33.57" E
2	11+52.00	606+69.80	129.72	704,164.48	1,877,822.95	S 84°13'34.25" E
6	12+72.00	607+89.78	127.39	704,153.03	1,877,942.40	

NOISE WALL A1 CURVE 1
P.I. = STA. 10+35.50
Δ = 00°36'14" RT
Dc = 00°29'57"
R = 11,478.08'
T = 60.5'
L = 121'
E = .16'

NOISE WALL A1 CURVE 2
P.I. = STA. 12+24.50
Δ = 00°43'26" RT
Dc = 00°29'57"
R = 11,478.08'
T = 72.5'
L = 145'
E = .23'

NOISE WALL A2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	607+17.11	151.00	704,182.09	1,877,871.74	S 85° 37' 56.89" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

FAI/LIC-70-0.00/0.00

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SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

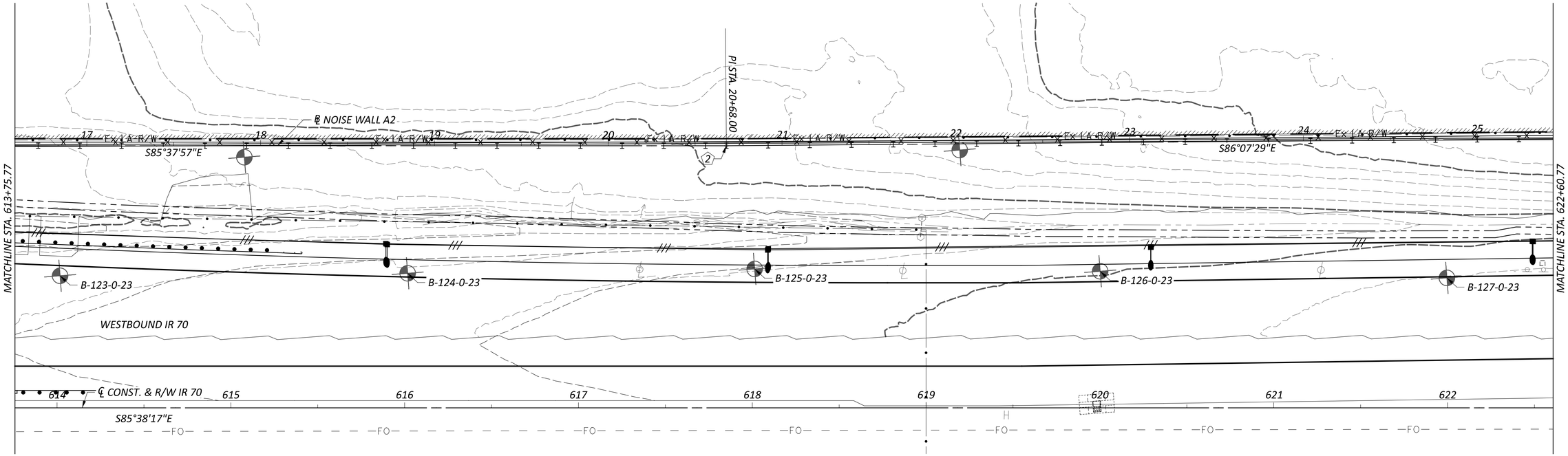
DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
1	78

SHEET	TOTAL
P.1220	P.2024



NOISE WALL A2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
2	20+68.00	617+85.11	150.89	704,100.76	1,878,936.64	S 86° 07' 29.05" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

FAI/LIC-70-0.00/0.00

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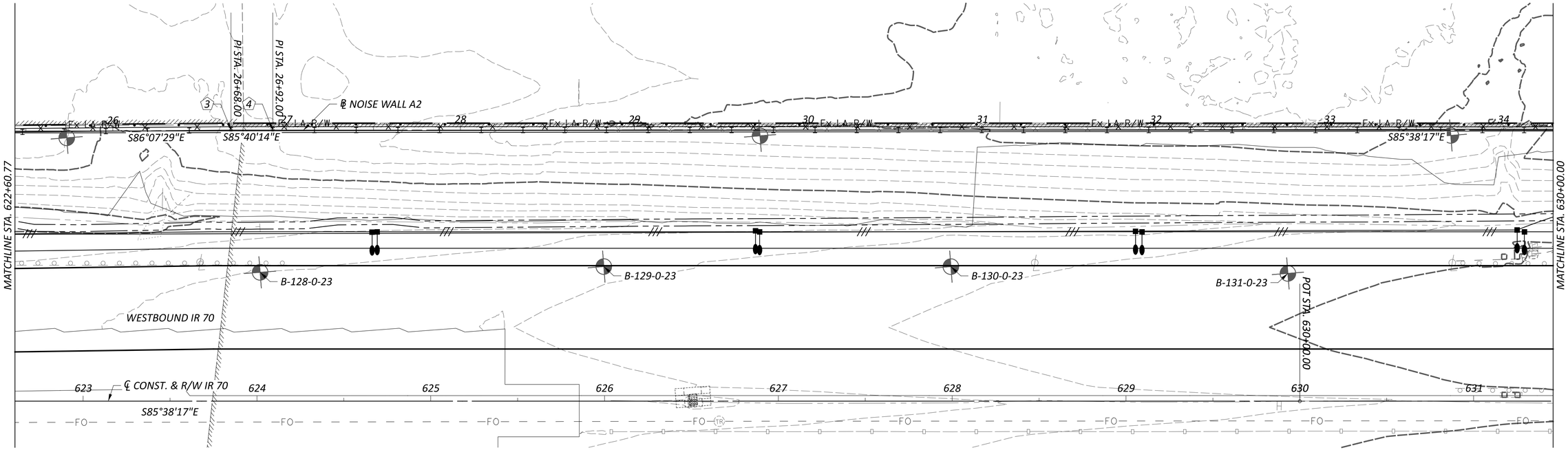
SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	78
SHEET	P.1221
TOTAL	P.2024



NOISE WALL A2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
3	26+68.00	623+85.09	155.99	704,060.21	1,879,535.27	S 85° 40' 13.70" E
4	26+92.00	624+09.09	156.00	704,058.40	1,879,559.20	S 85° 38' 17.28" E

FAI/LIC-70-0.00/0.00

MODEL: Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:26:47 PM USER: brieder
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SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

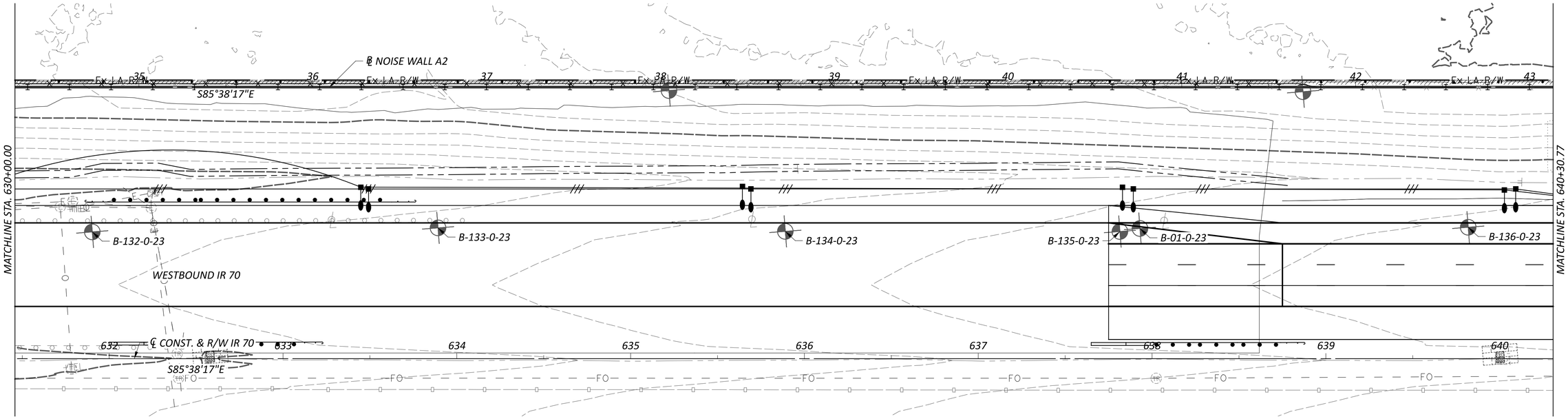
DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
3	78

SHEET	TOTAL
P.1222	P.2024



SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

FAI/LIC-70-0.00/0.00

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SFN
0

DESIGN AGENCY
STRUCTUREPOINT LLC

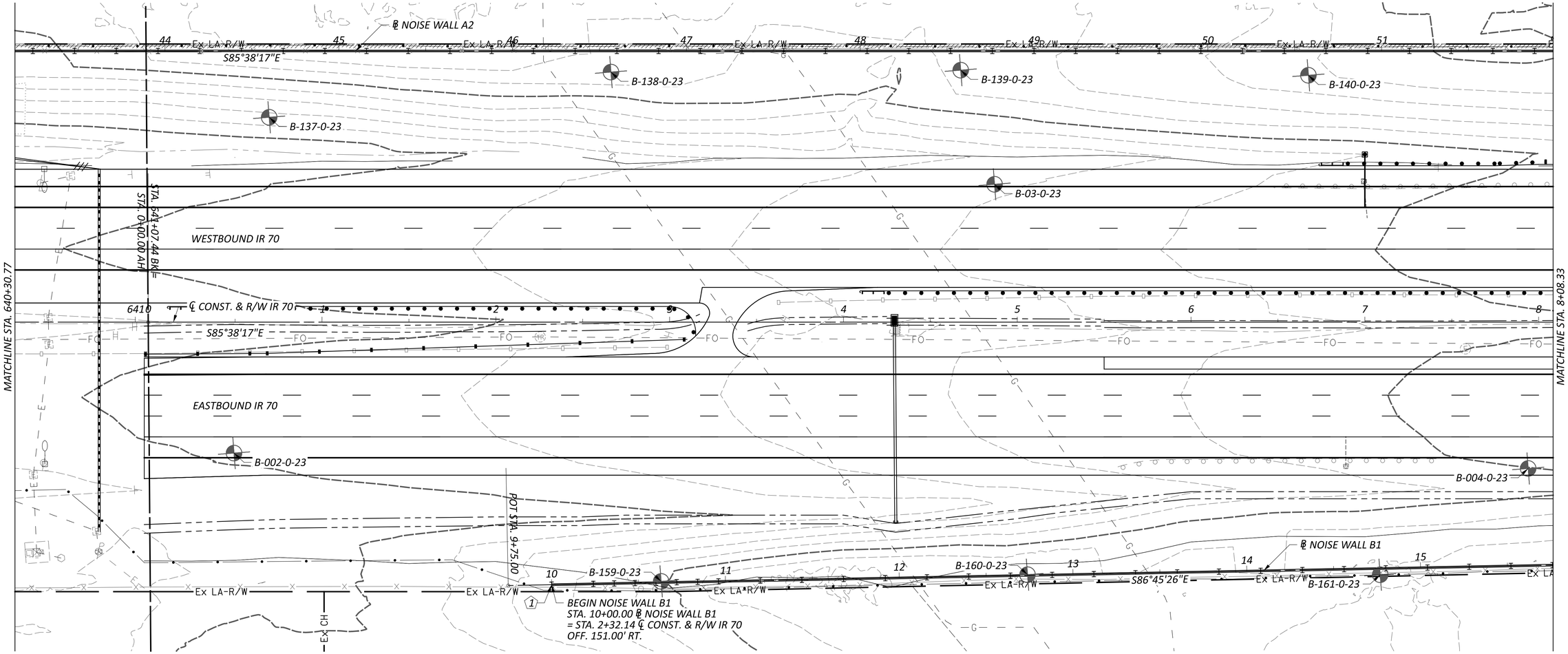
DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
4	78

SHEET	TOTAL
P.1223	P.2024



NOISE WALL B1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	2+32.14	151.00	703,605.46	1,881,460.75	S 86° 45' 26.36" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

FAI/LIC-70-0.00/0.00

MODEL: Sheet 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:26:55 PM USER: brieder
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SFN 0

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

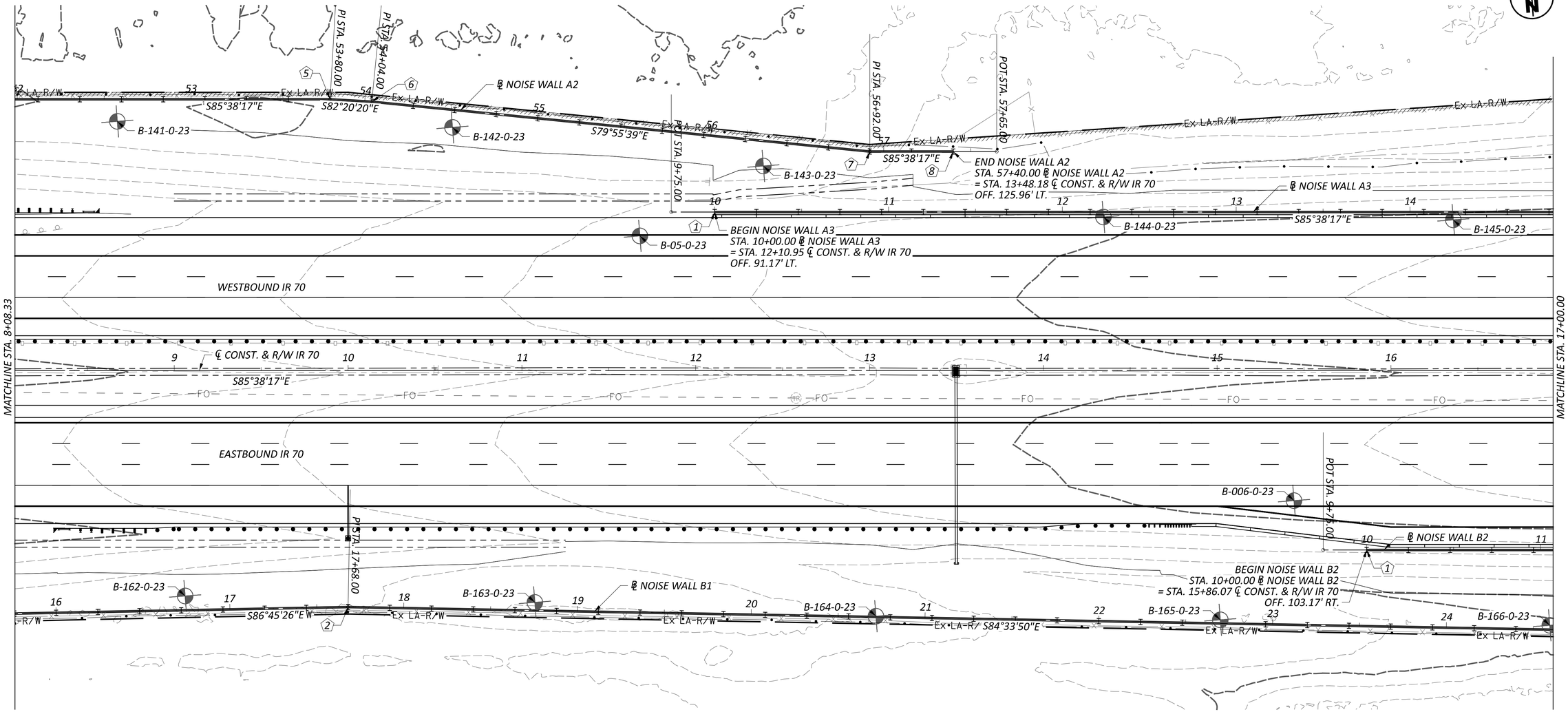
DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
5	78

SHEET	TOTAL
P.1224	P.2024



NOISE WALL A2 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
5	53+80.00	9+89.65	156.00	703,853.96	1,882,239.41	S 82° 20' 20.40" E
6	54+04.00	10+13.61	154.62	703,850.76	1,882,263.20	S 79° 55' 39.15" E
7	56+92.00	13+00.18	125.96	703,800.39	1,882,546.76	S 85° 38' 17.28" E
8	57+40.00	13+48.18	125.96	703,796.74	1,882,594.62	

NOISE WALL B1 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
2	17+68.00	9+99.99	136.00	703,562.02	1,882,227.52	S 84° 33' 50.27" E

NOISE WALL A3 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	12+10.95	91.17	703,772.48	1,882,455.14	S 85° 38' 17.28" E

NOISE WALL B2 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	15+86.07	103.17	703,550.18	1,882,814.39	S 85° 38' 17.28" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
6	78

SHEET	TOTAL
P.1225	P.2024

FAI/LIC-70-0.00/0.00

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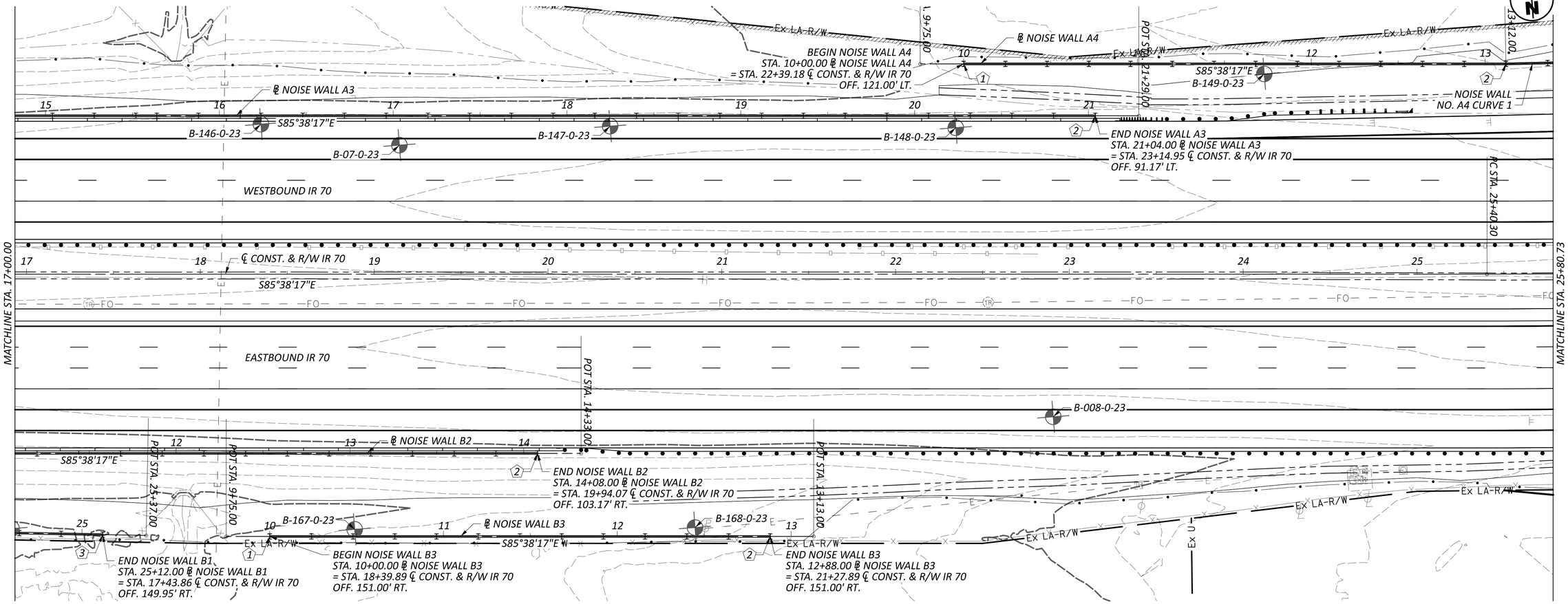

NOISE WALL A3 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
2	21+04.00	23+14.95	91.17	703,688.52	1,883,555.95	

NOISE WALL A4 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	22+39.18	121.00	703,724.03	1,883,482.66	S 85° 38' 17.28" E
2	13+12.00	25+51.53	120.98	703,700.30	1,883,793.76	S 86° 45' 55.99" E

NOISE WALL A4 CURVE 1
P.I. = STA. 15+64.88
Δ = 07°39'32" LT
Dc = 01°31'00"
R = 3,777.84'
T = 252.88'
L = 505.00'
E = 8.45'

NOISE WALL B1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
3	25+12.00	17+43.86	149.95	703,491.54	1,882,968.17	

NOISE WALL B2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
2	14+08.00	19+94.07	103.17	703,519.15	1,883,221.21	

NOISE WALL B3 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	18+39.89	151.00	703,483.18	1,883,063.85	S 85° 38'17.28" E
2	12+88.00	21+27.89	151.00	703,461.28	1,883,351.01	

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

FAI/LIC-70-0.00/0.00

MODEL: Sheet 7 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:27:06 PM USER: brieder
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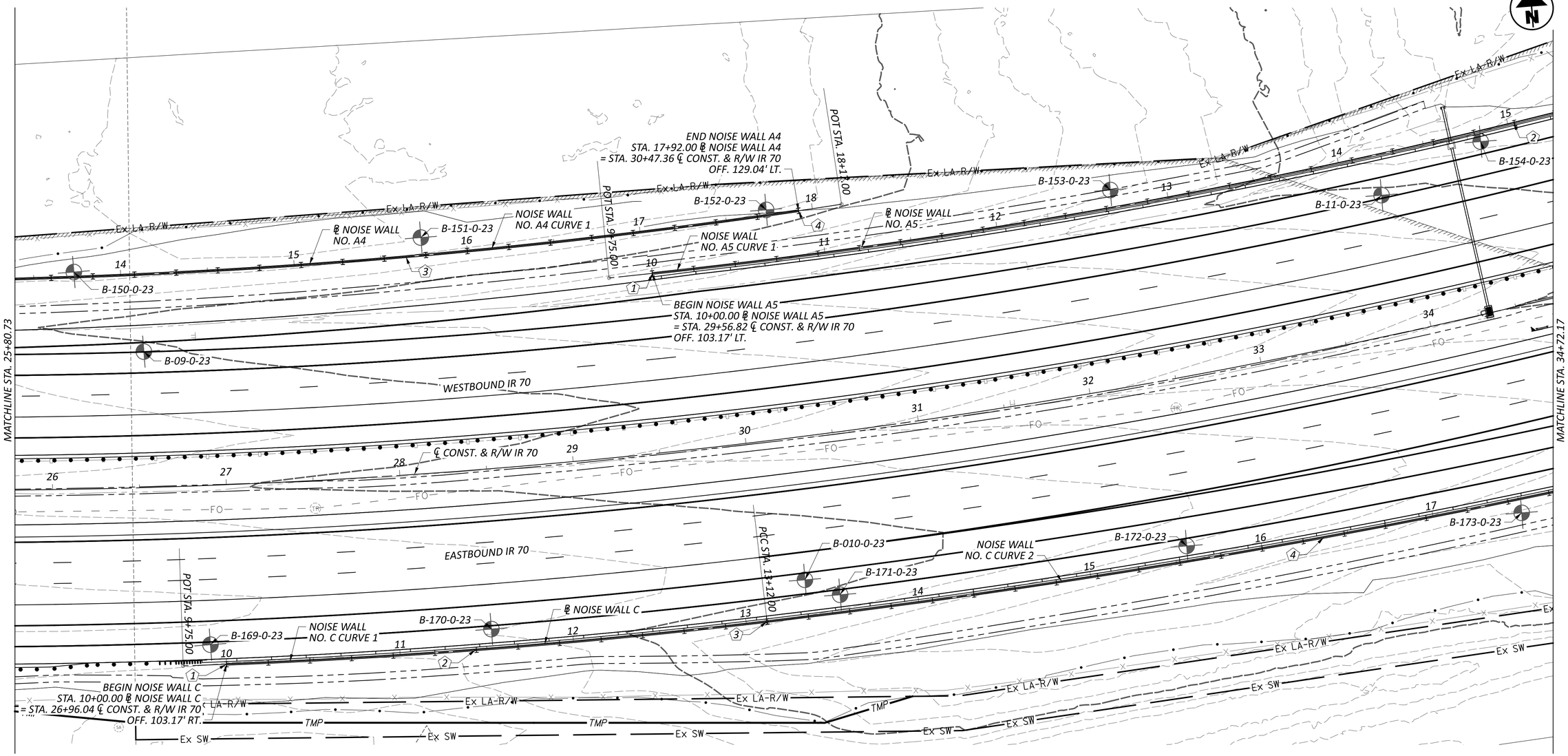
SFN 0
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER DTF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 7 | TOTAL 78
SHEET P.1226 | TOTAL P.2024



FAI/LIC-70-0.00/0.00

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NOISE WALL A4 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
3	15+52.32	28+12.22	125.23	703,686.74	1,884,033.70	N 85° 57' 16.67" E
4	17+92.00	30+47.36	129.04	703,703.69	1,884,273.43	

NOISE WALL A5 BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	29+56.82	103.17	703,674.13	1,884,186.76	N 88° 14' 37.48" E
2	15+19.20	34+74.00	103.17	703,690.04	1,884,705.71	N 72° 40' 22.62" E

NOISE WALL C BASELINE GEOMETRY

PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	26+96.04	103.17	703,468.64	1,883,925.46	S 87° 55' 32.58" E
2	11+43.60	28+35.84	103.17	703,569.18	1,884,068.96	
3	13+12.00	30+00.00	103.17	703,469.50	1,884,237.38	N 87° 36' 33.95" E
4	16+36.45	33+15.57	105.87	703,483.03	1,884,561.54	N 80° 14' 55.36" E

NOISE WALL A4 CURVE 1
P.I. = STA. 15+64.88
Δ = 07°39'32" LT
Dc = 01°31'00"
R = 3,777.84'
T = 252.88'
L = 505.00'
E = 8.45'

NOISE WALL A5 CURVE 1
P.I. = STA. 15+06.94
Δ = 15°56'53" LT
Dc = 01°30'32"
R = 3,797.45'
T = 531.94'
L = 1,057.00'
E = 37.08'

NOISE WALL C CURVE 1
P.I. = STA. 11+43.60
Δ = 04°49'21" LT
Dc = 01°25'52"
R = 4,003.78'
T = 168.60'
L = 337.00'
E = 3.55'

NOISE WALL C CURVE 2
P.I. = STA. 16+36.45
Δ = 07°21'39" LT
Dc = 01°08'09"
R = 5,044.03'
T = 324.45'
L = 648.00'
E = 10.42'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

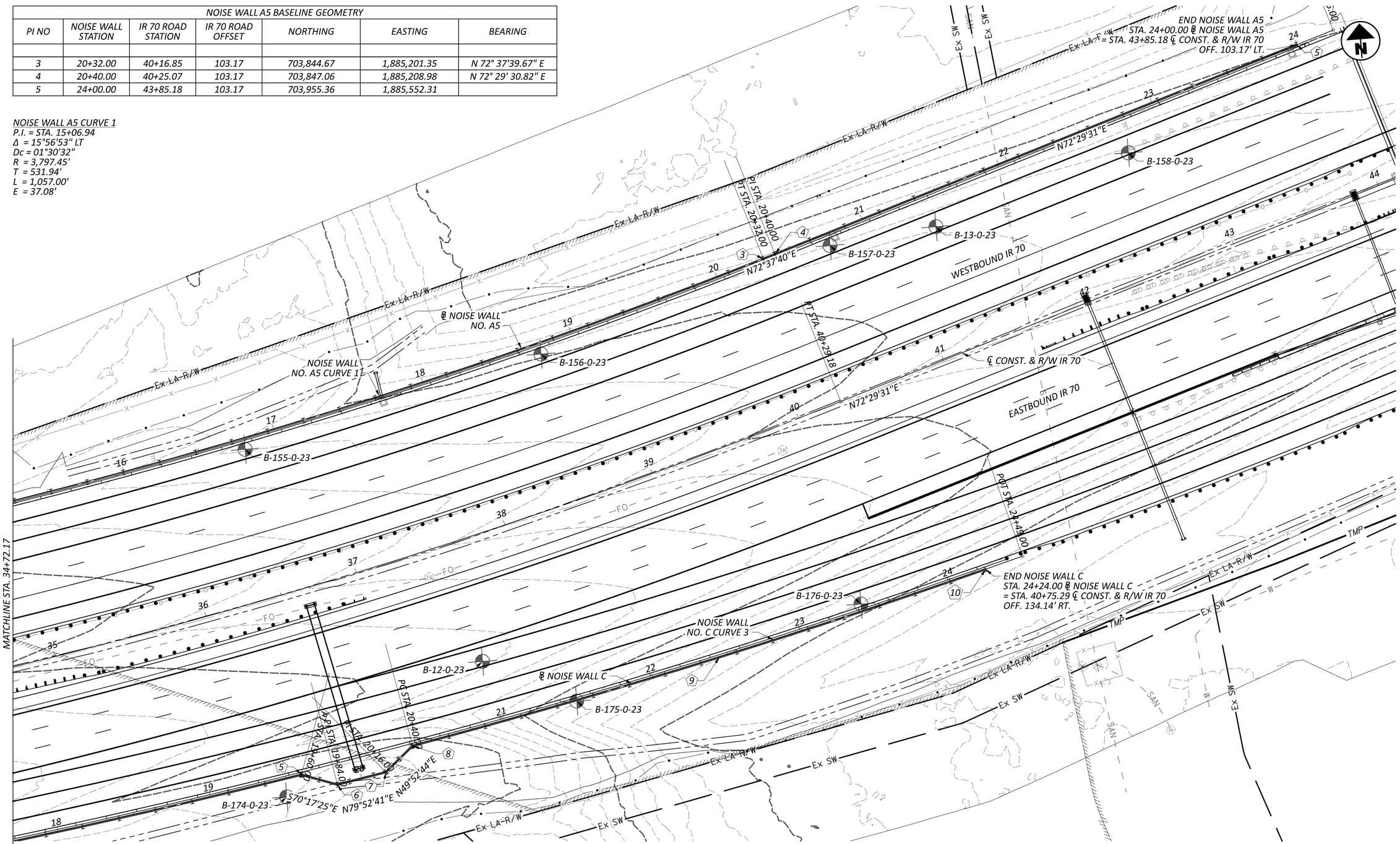
PROJECT ID 96808

SUBSET	TOTAL
8	78

SHEET	TOTAL
P.1227	P.2024

NOISE WALL A5 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
3	20+32.00	40+16.85	103.17	703,844.67	1,885,201.35	N 72° 37'39.67" E
4	20+40.00	40+25.07	103.17	703,847.06	1,885,208.98	N 72° 29' 30.82" E
5	24+00.00	43+85.18	103.17	703,955.36	1,885,552.31	

NOISE WALL A5 CURVE 1
P.I. = STA. 15+06.94
Δ = 15°56'53" LT
Dc = 01°30'32"
R = 3,797.45'
T = 531.94'
L = 1,057.00'
E = 37.08'



NOISE WALL C CURVE 3
P.I. = STA. 22+44.61
Δ = 04°38'45" LT
Dc = 01°08'09"
R = 5,044.03'
T = 204.61'
L = 409.00'
E = 4.15'

NOISE WALL C BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
5	19+60.00	36+30.62	113.95	703,537.98	1,884,881.30	S 70° 17' 24.95" E
6	19+84.00	36+50.47	126.50	703,529.89	1,884,903.89	N 79° 52' 40.77" E
7	20+16.00	36+81.44	127.64	703,535.51	1,884,935.39	N 49° 52' 43.66" E
8	20+40.00	37+02.07	116.53	703,550.98	1,884,953.75	N 79° 24' 45.43" E
9	22+32.09	39+00.26	125.13	703,586.27	1,885,142.57	N 75° 03' 02.56" E
10	24+24.00	40+75.29	134.14	703,635.82	1,885,328.16	

SCHEMATIC PLAN - NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	9
TOTAL	78
SHEET	P.1228
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet 9 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:27:14 PM USER: brieder
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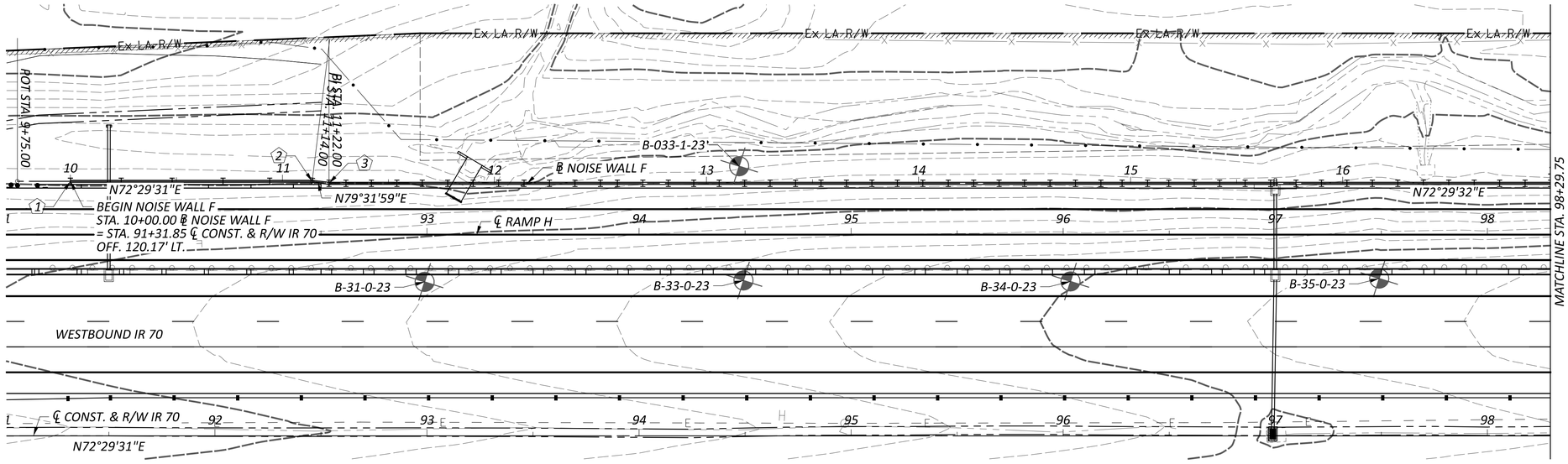

NOISE WALL F BASELINE GEOMETRY						
PI NO	*NOISE WALL STATION*	*IR 70 ROAD STATION*	*IR 70 ROAD OFFSET*	*NORTHING*	*EASTING*	*BEARING*
1	*10+00.00*	*91+31.85*	*120.17*	*705,399.57*	*1,890,073.98*	*N 72° 29' 30.82" E*
2	*10+96.00*	*92+27.85*	*120.17*	*705,428.45*	*1,890,165.53*	*N 75° 21' 10.44" E*
3	*11+20.00*	*92+51.82*	*118.97*	*705,434.52*	*1,890,188.75*	*N 72° 29' 30.82" E*

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN 0

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
10	78

SHEET	TOTAL
P.1229	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:27:27 PM USER: brieder
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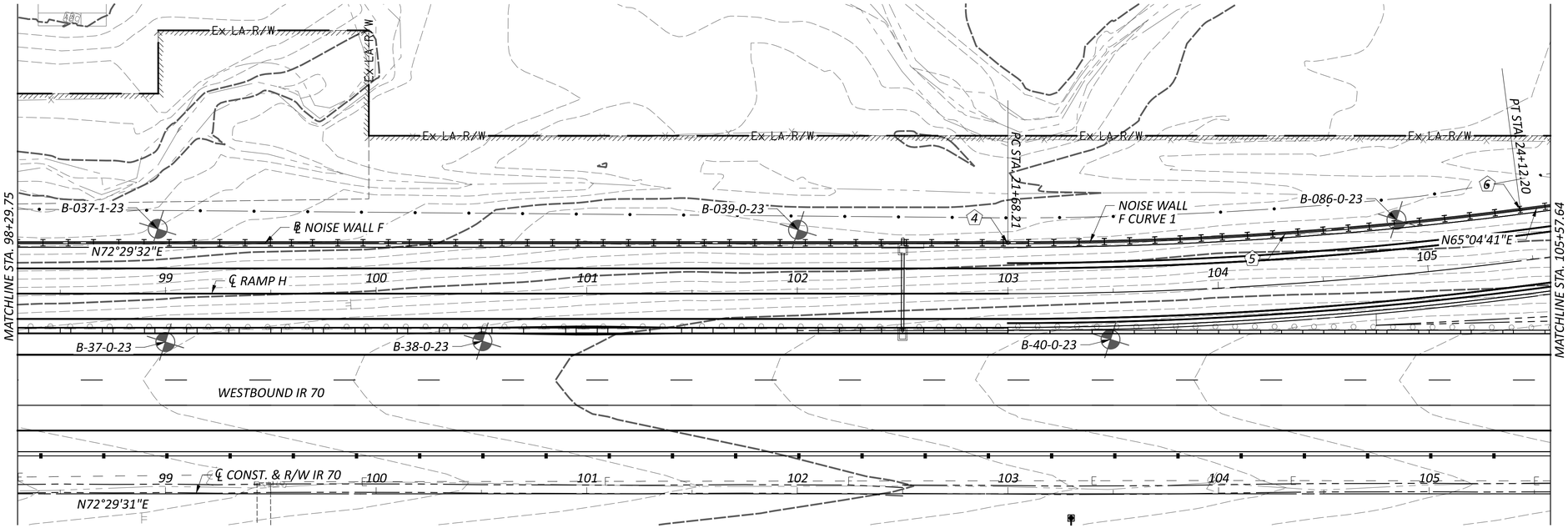

NOISE WALL F BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
4	21+68.00	102+99.85	118.97	705,749.80	1,891,188.20	N 72° 07' 57.45" E
5	21+92.00	103+23.82	119.12	705,757.16	1,891,211.04	N 71° 46' 05.04" E
6	23+00.00	104+31.72	123.57	705,793.87	1,891,312.60	N 65° 12' 20.55" E
7	24+08.00	105+39.18	134.20	705,836.33	1,891,411.88	N 65° 05' 21.47" E

NOISE WALL F CURVE 1
P.I. = STA. 23+00.12
Δ = 06°33'44" LT
Dc = 03°02'17"
R = 1,885.89'
T = 108.12'
L = 216.00'
E = 3.10'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
11	78

SHEET	TOTAL
P.1230	P.2024

FAI/LIC-70-0.00/0.00

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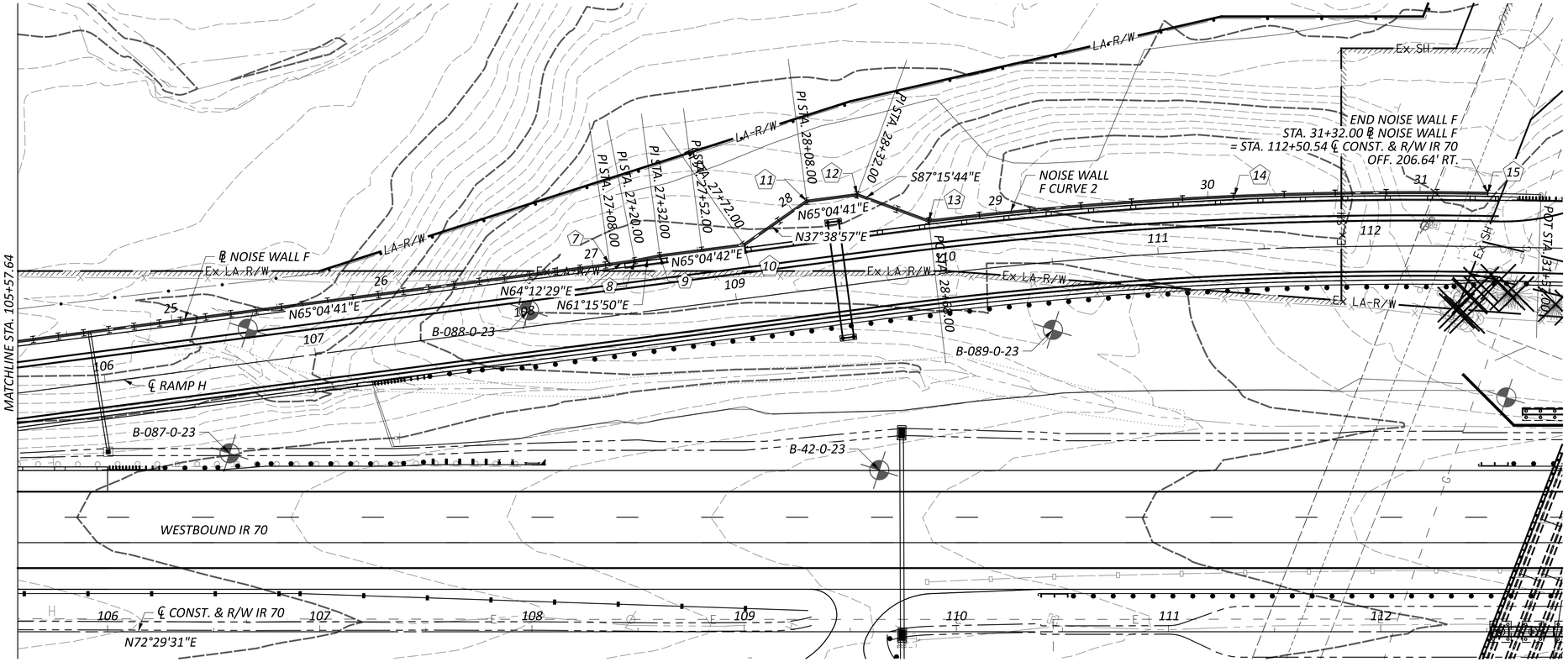

NOISE WALL F BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
8	24+32.00	105+62.98	137.29	705,846.44	1,891,433.65	N 65° 04' 41.30" E
9	27+12.00	108+40.64	173.42	705,964.43	1,891,687.58	N 62° 13' 01.68" E
10	27+36.00	108+64.25	177.70	705,975.61	1,891,708.81	N 65° 04' 41.30" E
11	27+72.00	108+99.95	182.35	705,990.78	1,891,741.46	N 37° 38' 57.12" E
12	28+08.00	109+29.50	202.91	706,019.29	1,891,763.45	N 65° 04' 41.30" E
13	28+32.00	109+53.30	206.01	706,029.40	1,891,785.21	S 87° 15' 43.59" E
14	28+68.00	109+87.07	193.55	706,027.68	1,891,821.17	N 65° 44' 19.20" E
15	30+12.77	111+31.07	205.17	706,082.00	1,891,941.70	N 65° 44' 19.20" E
16	31+32.00	112+50.54	206.64	706,119.43	1,892,068.50	N 73° 33' 20.39" E

NOISE WALL F CURVE 2
P.I. = STA. 30+12.77
Δ = 08°33'26" RT
Dc = 02°57'40"
R = 1,935.03'
T = 144.77'
L = 289'
E = 5.41'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0
DESIGN AGENCY STRUCTUREPOINT
DESIGNER DAS | CHECKER DTF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 12 | TOTAL 78
SHEET P.1231 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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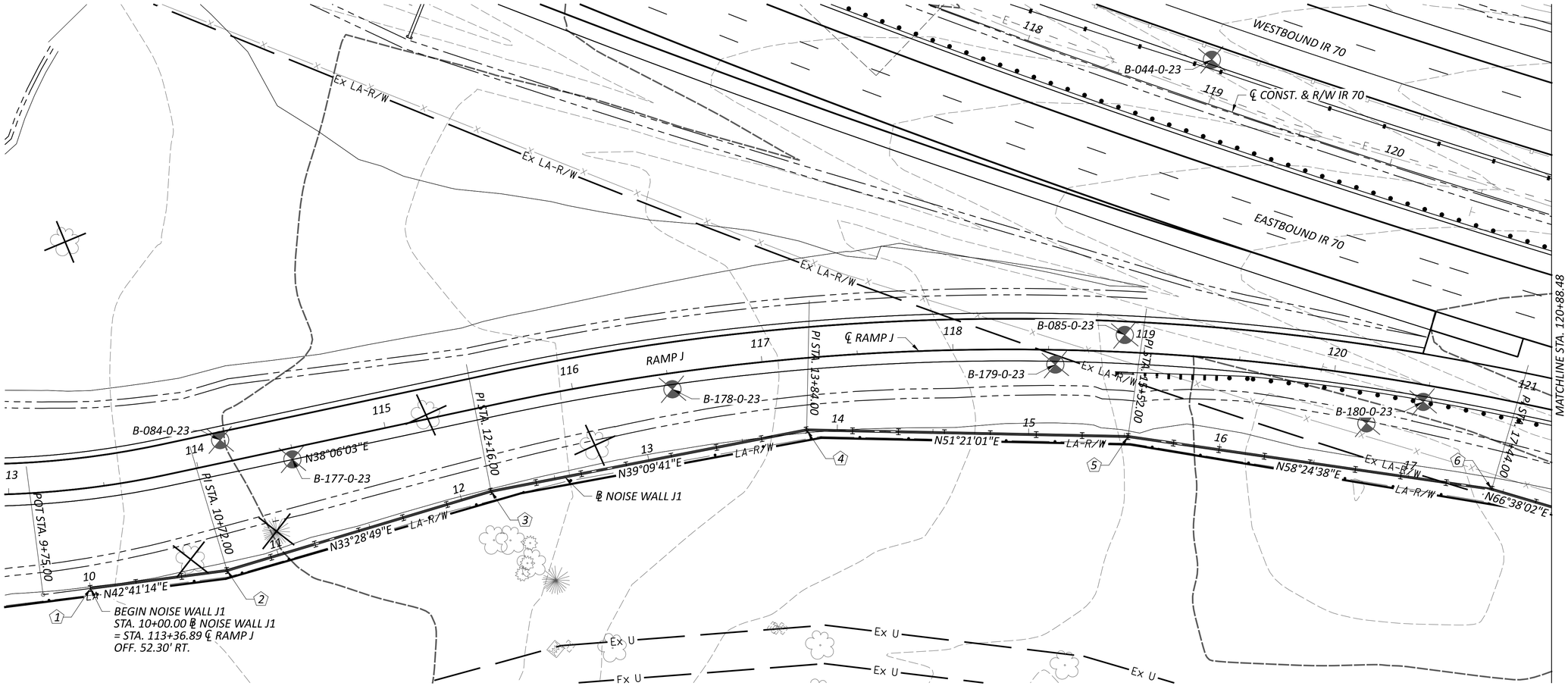

NOISE WALL J1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	113+36.89	52.30			N 42° 41' 14.04" E
2	10+72.00	114+03.64	55.54	705,612.15	1,892,508.91	N 33° 28' 49.17" E
3	12+16.00	115+47.17	43.94	705,732.25	1,892,588.35	N 39° 09' 40.94" E
4	13+84.00	117+20.20	37.48	705,862.52	1,892,694.44	N 51° 21' 00.99" E
5	15+52.00	118+93.76	43.98	705,967.44	1,892,825.65	N 58° 24' 38.15" E
6	17+44.00	120+92.78	47.04	706,068.02	1,892,989.20	N 66° 38' 01.94" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
13	78

SHEET	TOTAL
P.1232	P.2024

FAI/LIC-70-0.00/0.00

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NOISE WALL J1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
7	17+92.00	121+41.80	50.58	706,087.05	1,893,033.26	N 66° 33' 12.70" E

NOISE WALL J1 CURVE 1
P.I. = STA. 26+37.77
Δ = 16°22'59" LT
Dc = 00°58'31"
R = 5,875.42'
T = 845.77'
L = 1,680.00'
E = 60.56'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
14	78

SHEET	TOTAL
P.1233	P.2024

FAI/LIC-70-0.00/0.00

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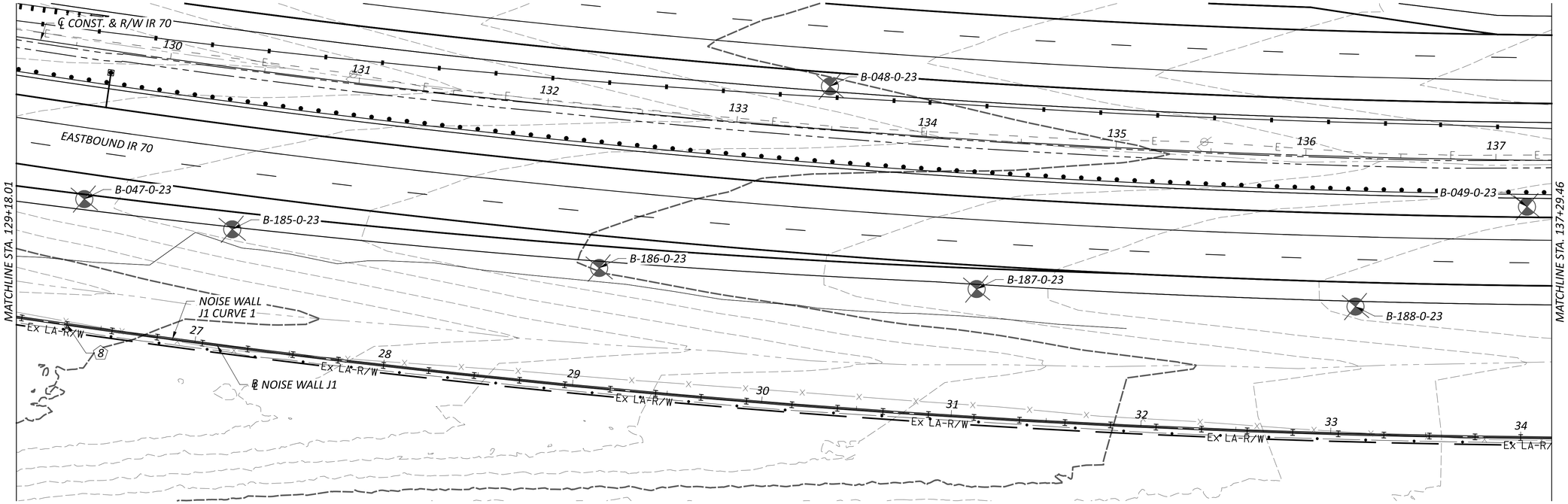

NOISE WALL J1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
8	26+37.77	129+65.96	146.00	706,423.58	1,893,809.20	N 50° 10' 14.00" E

NOISE WALL J1 CURVE 1
P.I. = STA. 26+37.77
Δ = 16°22'59" LT
Dc = 00°58'31"
R = 5,875.42'
T = 845.77'
L = 1,680.00'
E = 60.56'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER DTF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 15 | TOTAL 78
SHEET P.1234 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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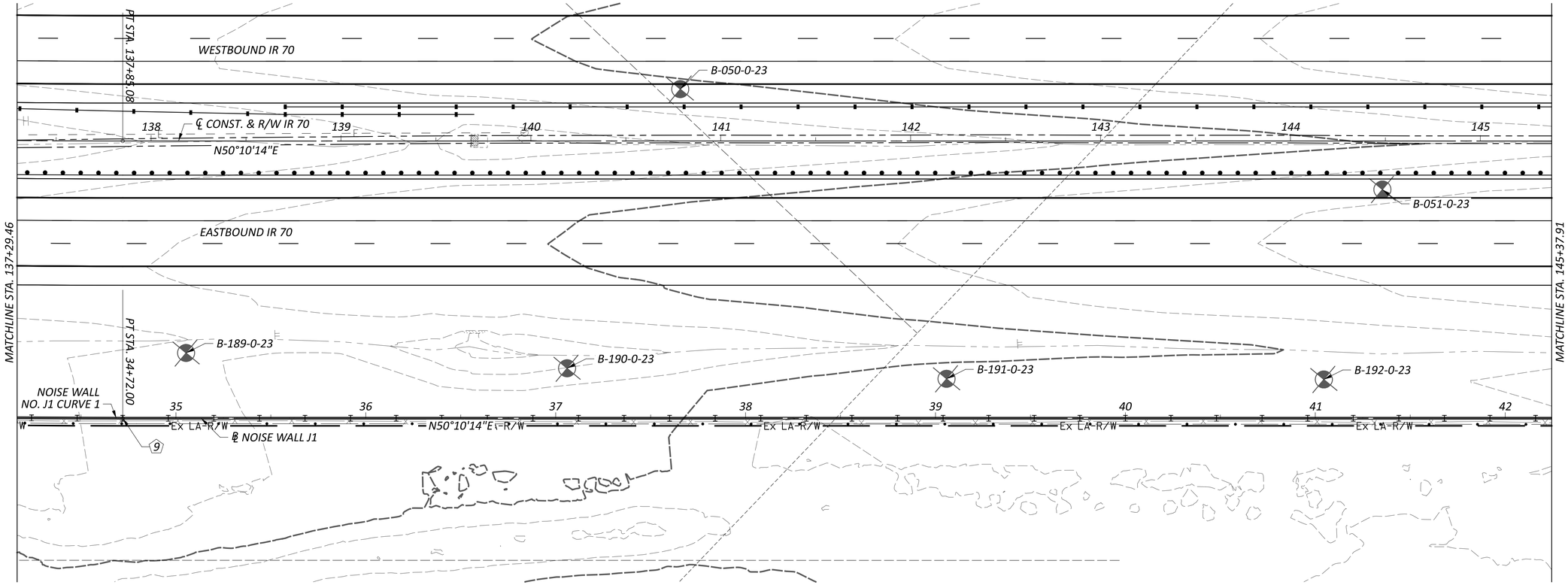

NOISE WALL J1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
9	34+72.00	137+85.08	146.00	706,965.30	1,894,458.71	N 50° 10' 14.00" E

NOISE WALL J1 CURVE 1
P.I. = STA. 26+37.77
Δ = 16°22'59" LT
Dc = 00°58'31"
R = 5,875.42'
T = 845.77'
L = 1,680.00'
E = 60.56'

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
16	78

SHEET	TOTAL
P.1235	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:28:14 PM USER: brieder
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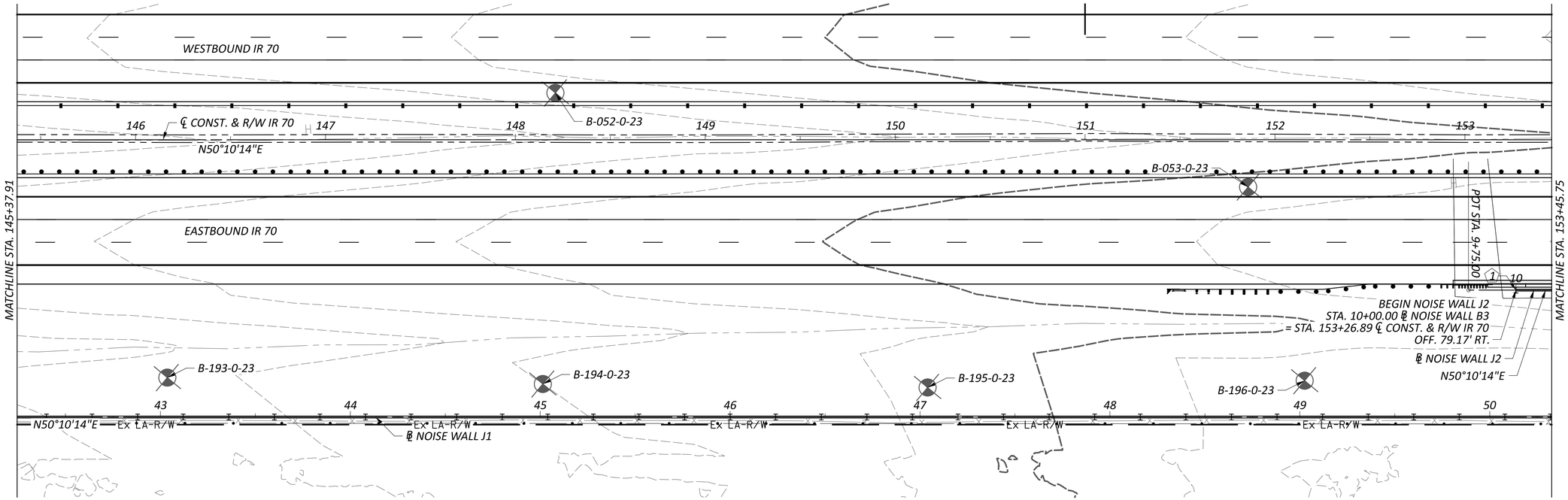

NOISE WALL J2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
1	10+00.00	153+26.89	79.17	708,004.16	1,895,599.94	N 50° 10' 14.00" E

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
17	78

SHEET	TOTAL
P.1236	P.2024

FAI/LIC-70-0.00/0.00

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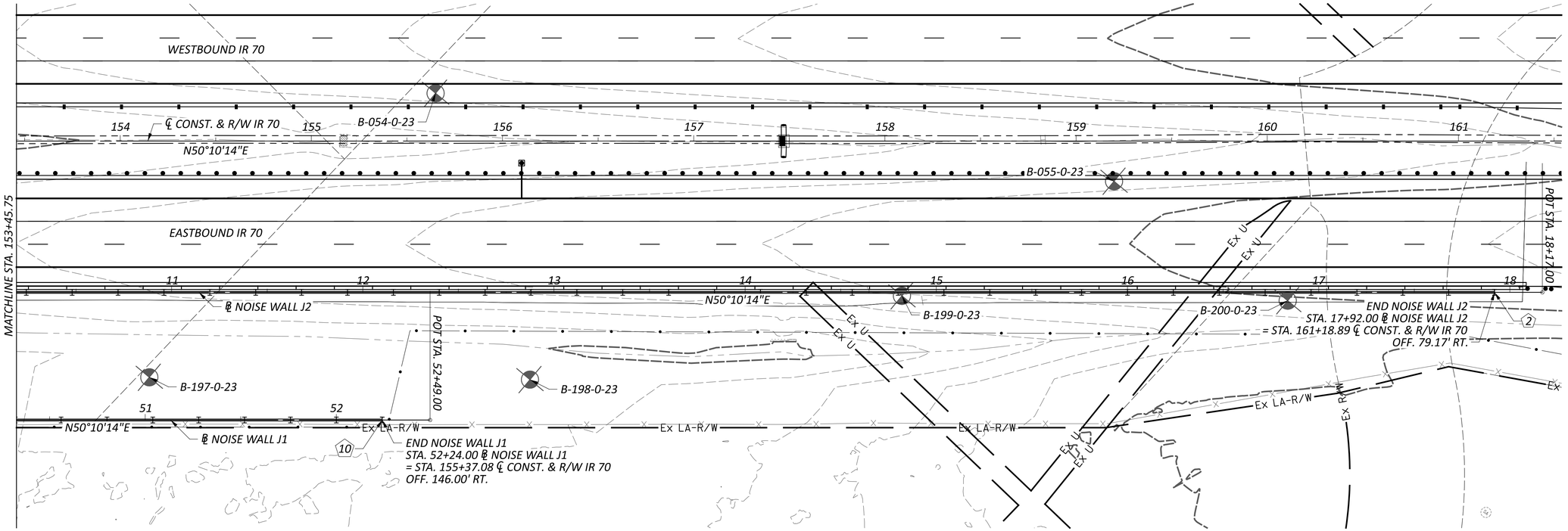

NOISE WALL J1 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
10	52+24.00	155+37.08	146.00	708,087.46	1,895,804.17	N 50° 10' 14.00" E

NOISE WALL J2 BASELINE GEOMETRY						
PI NO	NOISE WALL STATION	IR 70 ROAD STATION	IR 70 ROAD OFFSET	NORTHING	EASTING	BEARING
2	17+92.00	161+18.89	79.17	708,511.44	1,896,208.16	

SCHEMATIC PLAN - NOISE WALLS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

FAI/LIC-70-0.00/0.00

MODEL: Sheet 6 PAPENSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:28:22 PM USER: brieder
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SFN 0

DESIGN AGENCY STRUCTUREPOINT

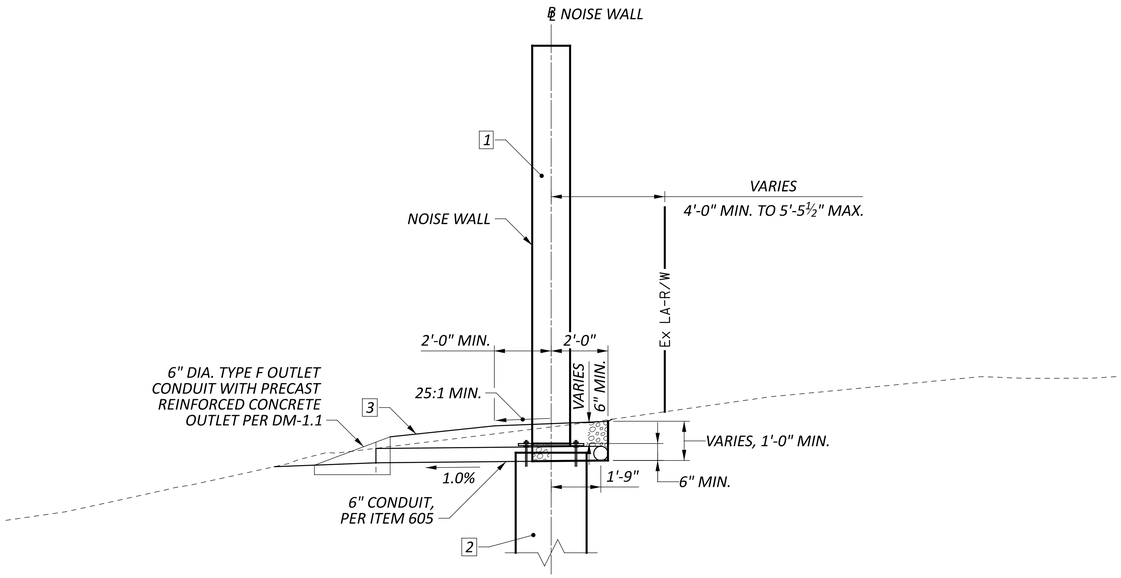
DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

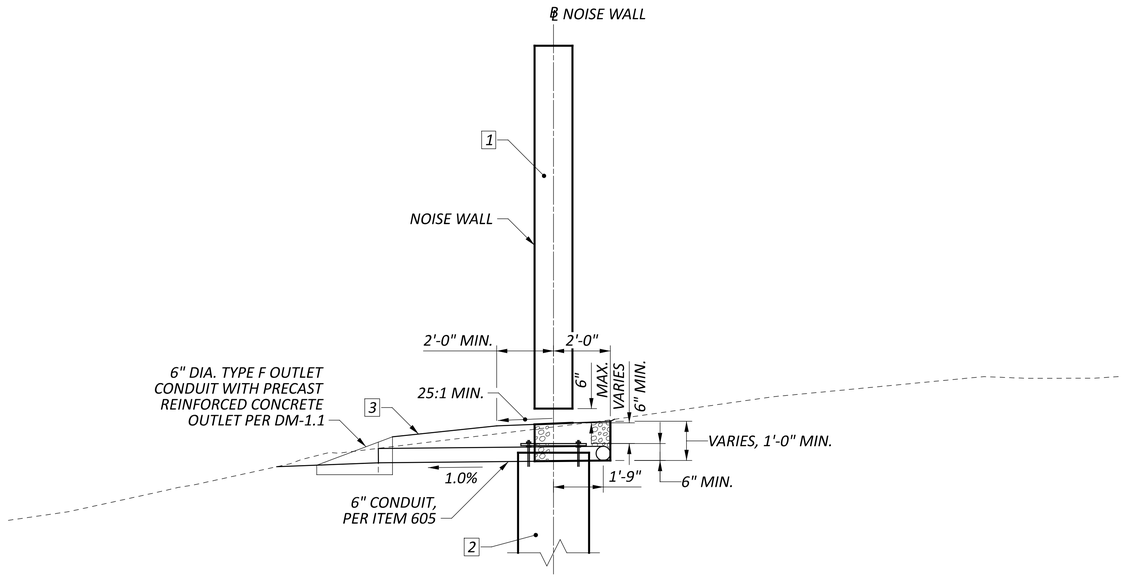
SUBSET	TOTAL
18	78

SHEET	TOTAL
P.1237	P.2024



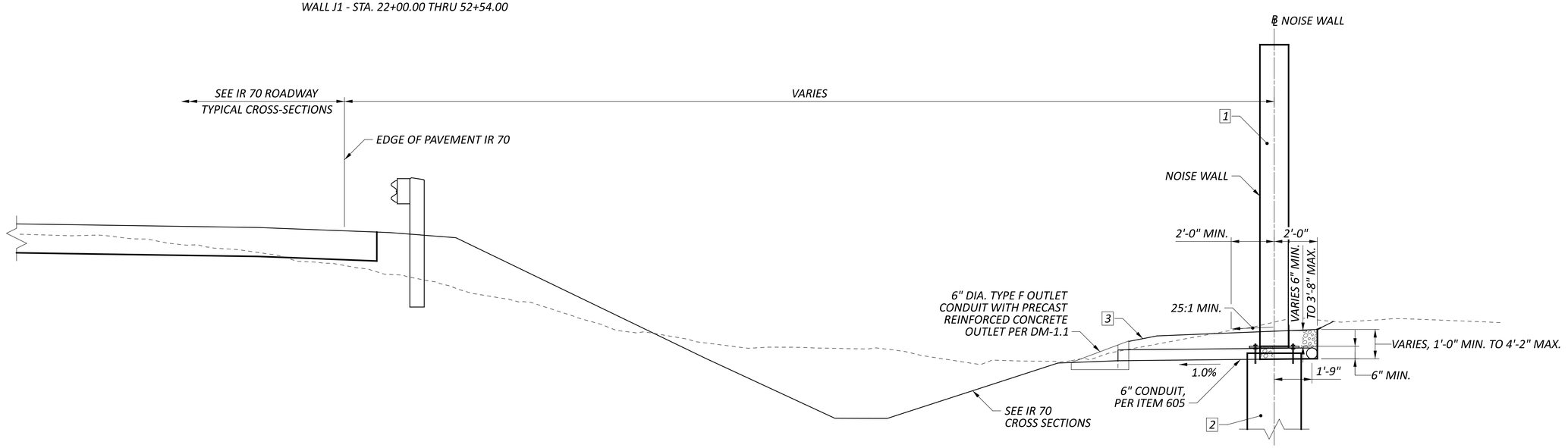
TYPICAL NOISE WALL ADJACENT TO R/W

WALL A2 - STA. 10+00.00 THRU 25+96.00, 26+20.00 THRU 33+88.00,
& 34+12.00 THRU 57+40.00 (OPP. HAND SECTION)
WALL B1 - STA. 12+00.00 THRU 25+12.00
WALL B3 - STA. 10+00.00 THRU 12+88.00
WALL J1 - STA. 22+00.00 THRU 52+54.00



TYPICAL NOISE WALL RAISED PANEL

WALL A2 - STA. 25+96.00 THRU 26+20.00
& 33+88.00 THRU 34+12.00



TYPICAL NOISE WALL ADJACENT TO DITCH

WALL A4 - STA. 10+00.00 THRU 17+92.00 (OPP. HAND SECTION)
WALL B1 - STA. 10+00.00 THRU 12+00.00
WALL J1 - STA. 10+00.00 THRU 22+00.00

LEGEND:

1 - ITEM SPECIAL - NOISE BARRIER
2 - DRILLED SHAFTS, 30" DIA. PER CMS 524
3 - ITEM 659 - SEEDING AND MULCHING

TYPICAL SECTIONS - 1
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	19
TOTAL	78
SHEET	P.1238
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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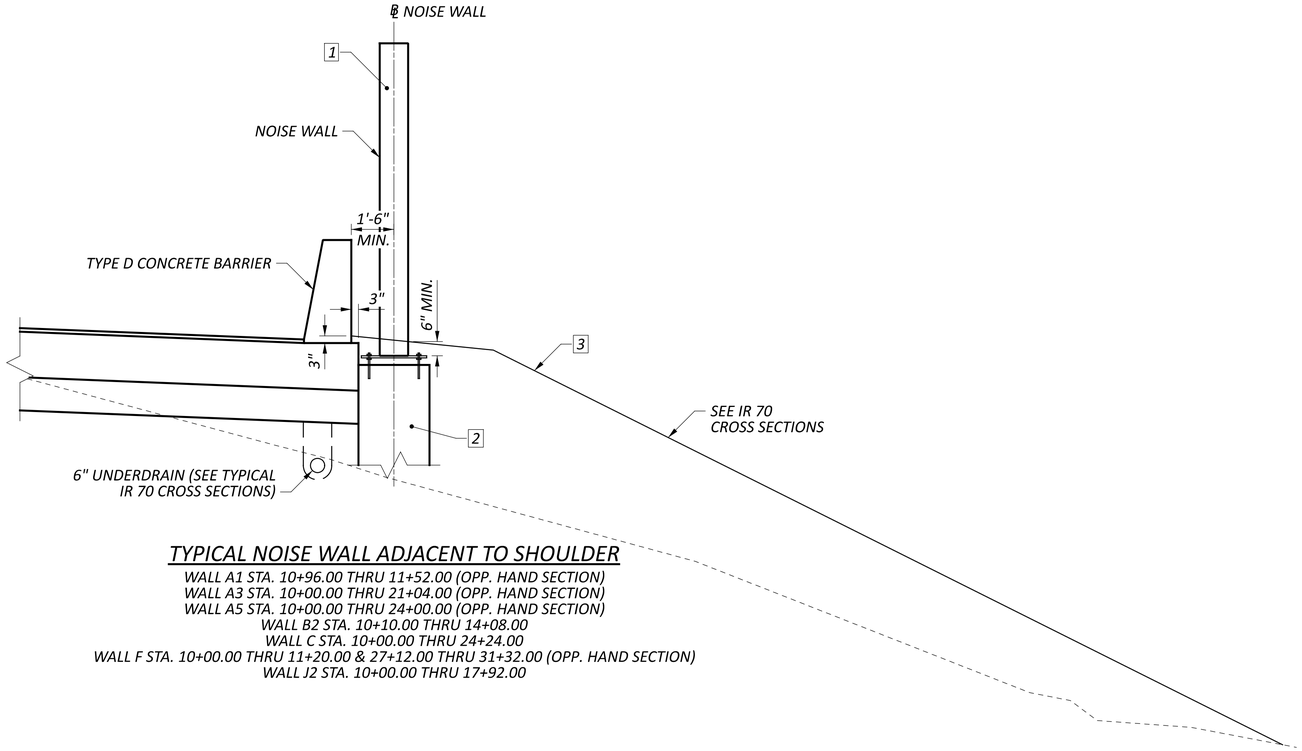
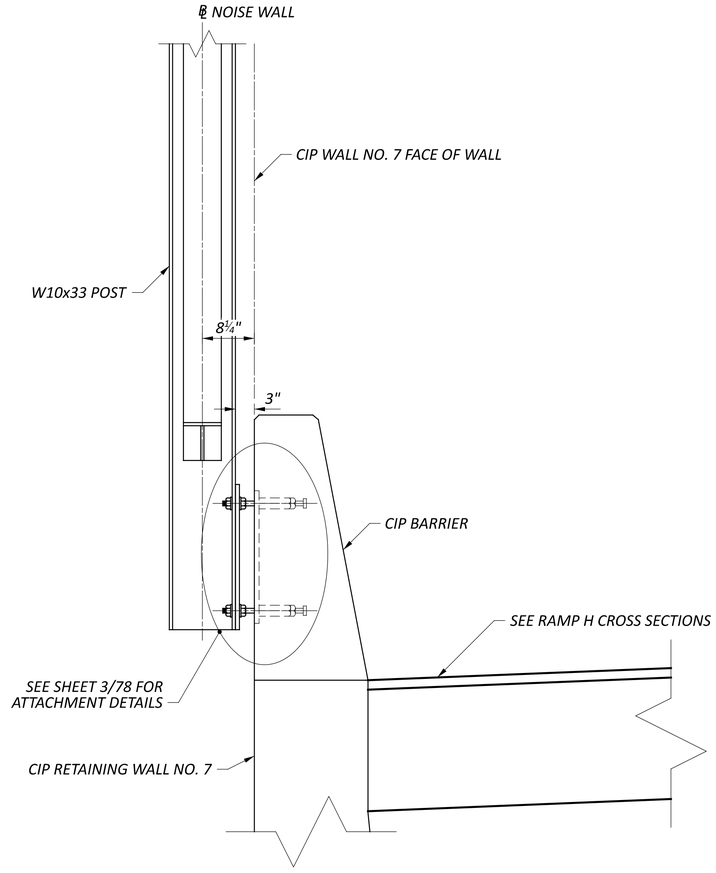


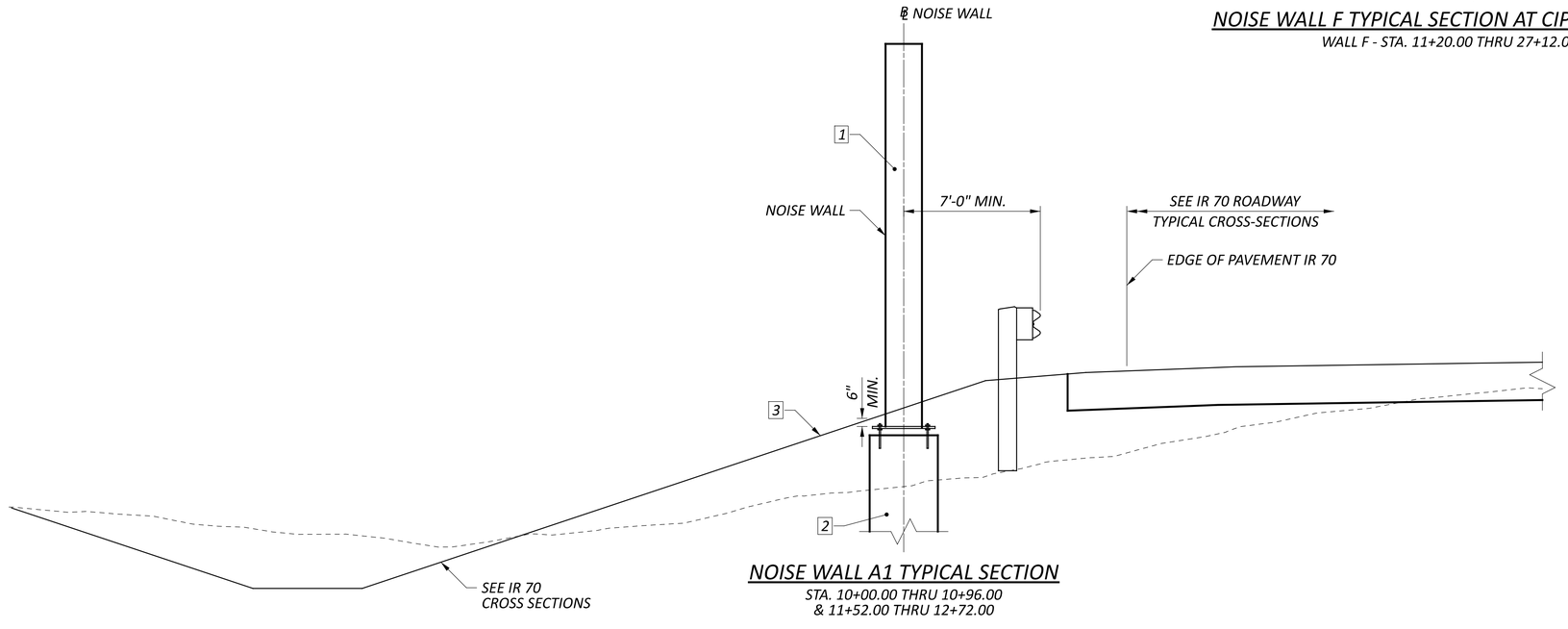
TYPICAL NOISE WALL ADJACENT TO SHOULDER

WALL A1 STA. 10+96.00 THRU 11+52.00 (OPP. HAND SECTION)
WALL A3 STA. 10+00.00 THRU 21+04.00 (OPP. HAND SECTION)
WALL A5 STA. 10+00.00 THRU 24+00.00 (OPP. HAND SECTION)
WALL B2 STA. 10+10.00 THRU 14+08.00
WALL C STA. 10+00.00 THRU 24+24.00
WALL F STA. 10+00.00 THRU 11+20.00 & 27+12.00 THRU 31+32.00 (OPP. HAND SECTION)
WALL J2 STA. 10+00.00 THRU 17+92.00



NOISE WALL F TYPICAL SECTION AT CIP WALL NO. 7

WALL F - STA. 11+20.00 THRU 27+12.00



NOISE WALL A1 TYPICAL SECTION

STA. 10+00.00 THRU 10+96.00
& 11+52.00 THRU 12+72.00

LEGEND:

1 - ITEM SPECIAL - NOISE BARRIER
2 - DRILLED SHAFTS, 30" DIA. PER CMS 524
3 - ITEM 659 - SEEDING AND MULCHING

TYPICAL SECTIONS - 2
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2 ALONG IR 70

SFN	0
DESIGN AGENCY	MEYER STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	20
TOTAL	78
SHEET	P.1239
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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NOISE WALL

ITEM - SPECIAL - NOISE BARRIER (REFLECTIVE)

THIS WORK CONSISTS OF PREPARING ANY NECESSARY SHOP DRAWINGS, AND MANUFACTURING, TESTING, TRANSPORTING, STORING, AND INSTALLING NOISE BARRIERS; FURNISHING AND INSTALLING DRILLED SHAFTS; EXCAVATING AND BACKFILLING; AND RESTORING THE WORK AREA IN ACCORDANCE WITH
STANDARD DRAWING NBS-1-09, THESE PROVISIONS AND IN CONFORMITY WITH THE DIMENSIONS, LINES AND GRADES SHOWN ON THE PLANS.

NO MIXING OF BARRIER MATERIAL TYPES OR COLORS AT ANY ONE NOISE BARRIER UNLESS OTHERWISE SPECIFIED IN THE PLANS WILL BE ALLOWED. BARRIER MATERIAL TYPE SUPPLIED SHALL BE LISTED ON THE APPROVED REFLECTIVE BARRIER SUPPLIER TABLE BELOW UNLESS OTHERWISE SPECIFIED.

INDIVIDUAL BARRIER FABRICATION AND ERECTION DETAILS, EXCEPT FOR POSTS AND FOUNDATIONS, SHALL BE AS PER APPROVED MANUFACTURER'S DRAWINGS LISTED ON THE APPROVED REFLECTIVE BARRIER SUPPLIER TABLE. POSTS AND FOUNDATIONS SHALL BE AS DETAILED IN STANDARD DRAWING NBS-1-09 AND AS MODIFIED IN THESE PLANS.

ANY INTERFERENCE WITH UTILITIES OR OTHER POST SPACING ADJUSTMENTS REQUIRED TO MEET DESIGN PLAN ALIGNMENT, CONNECTIONS TO STRUCTURES, OR OTHER CONDITIONS CREATED DUE TO CHANGING POST SPACING SHALL BE AT THE CONTRACTOR'S EXPENSE.

COPIES OF THE ODOT APPROVED, MANUFACTURER'S DRAWINGS LISTED ON APPROVED REFLECTIVE BARRIER SUPPLIER TABLE, SHALL BE FURNISHED TO THE ENGINEER BEFORE ANY WORK IS INITIATED. ALL PROJECT SPECIFIC DETAILS NOT COVERED BY THE PLANS OR THE MANUFACTURER'S DRAWINGS SHALL BE APPROVED BY THE ENGINEER BEFORE WORK IS INITIATED.

THE BARRIER AND THE ASSOCIATED WORK SHALL CONFORM TO SECTIONS 499 AND 501 OF THE CMS AS APPROPRIATE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING DETAILED PLANS INCORPORATING THE NOISE BARRIER MATERIALS HE PROPOSES TO USE.

A TRENCH OR FAN NOISE BARRIER WILL NOT BE ACCEPTABLE FOR THIS PROJECT AT ANY OF THE LOCATIONS.

TYPICAL SECTIONS ARE SHOWN FOR NOISE BARRIERS MOUNTED WITHIN THE FLANGES OF THE POSTS. SEE SHEETS 19/78 AND 20/78, AND STANDARD DRAWING NBS-1-09.

CONCRETE POSTS SHALL BE USED.

POST CAPS SHALL BE INTEGRAL.

THE 6" RUSTICATION GROOVE ON ALL CONCRETE POSTS SHALL MEET THE TOP OF THE HIGHEST ADJACENT PANEL CAP.

POSTS SHALL USE A CONCRETE WATERPROOFING ADMIXTURE. PENETRON, BASF MASTERLIFE 300D, SIKA WT-240 P, SIKA MIX AE-6, AND CONBLOCK CDA ARE ODOT APPROVED CONCRETE WATERPROOFING ADMIXTURES.

PLAN QUANTITIES AND DETAILS HAVE BEEN DEVELOPED FOR 24-FOOT PANEL WIDTHS. OTHER PANEL WIDTHS ARE ACCEPTABLE TO AVOID UNDERGROUND FEATURES AND TO MEET THE OVERALL WALL LENGTHS BETWEEN BENDS ONLY. PANEL SPACING ON A LONGITUDINAL 2:1 SLOPE SHALL BE MAXIMUM 16-FEET.

HORIZONTAL LINES BETWEEN PANELS SHALL MATCH, EXCEPT AT 90-DEGREE ANGLE BREAKS. MISMATCH OF LINES IS ACCEPTABLE IN THE TOP PANEL WHERE THERE IS AN ELEVATION CHANGE. MISMATCH OF LINES IS ACCEPTABLE AT LONGITUDINAL DISTANCES OF 500 FEET (MAX) IN ORDER TO MINIMIZE EXCESS WALL AREA.

THE CONTRACTOR SHALL BE PAID FOR S.F. OF NOISE BARRIER AS CALLED FOR ON SHEET XXX & XXX. ANY ADDITIONAL SQUARE FEET SHALL BE AT THE CONTRACTOR'S EXPENSE EXCEPT WHEN THE EXISTING GROUND LINE ALONG THE WALL, AS FIELD MEASURED, IS LOWER THAN WHAT IS SHOWN IN THE PLANS BY AN AMOUNT REQUIRING EQUIVALENT TO THE PROPOSED MEDIAN THEORETICAL TOP OF WALL.

THE CALCULATED NOISE WALL AREA SHOWN IN THE PLANS IS BASED UPON A 1-FOOT INCREMENTAL PANEL HEIGHT. IF THE PANELS SUPPLIED HAVE GREATER MINIMUM INCREMENTS AND THEREFORE EXTEND ABOVE THE TOP OF WALL ELEVATION OR BELOW THE BOTTOM OF WALL ELEVATION, AS SHOWN IN THE PLANS, THE ADDITIONAL WALL AREA WILL NOT BE INCLUDED IN THE MEASURED AREA FOR PAYMENT.

PRIOR TO CREATION OF THE SHOP DRAWINGS, THE CONTRACTOR SHALL PERFORM A FIELD SURVEY, UTILITY LOCATIONS SHALL BE INCLUDED IN THIS SURVEY BUT SHALL BE PERFORMED BY THE OWNER OF THE UTILITY. THIS INFORMATION SHALL BE SHOWN ON THE SHOP DRAWINGS AND ALL FOUNDATIONS MOVED TO AVOID ANY UNDERGROUND FEATURES.

THE SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT, OES, AND OMM FOR REVIEW AND APPROVED BY THE PROJECT ENGINEER.

WALL MATERIAL AND COLOR:

THE CONTRACTOR MUST MAINTAIN UNIFORMITY OF WALL TYPE, TEXTURE, JOINTS, AND COLOR. THE TONGUE AND GROOVE JOINTS OF NOISE BARRIER PANELS BETWEEN ADJOINING POSTS MUST BE MAINTAINED AT CONSTANT ELEVATIONS. THE POSTS USED FOR THIS PROJECT SHALL BE CONCRETE POSTS OR PRESTRESSED CONCRETE POSTS AS SPECIFIED IN STANDARD DRAWING NBS-1-09.

THE BARRIER PANELS SHALL BE COLORED AS PER THE FOLLOWING REQUIREMENTS:

FOR ALL WALLS, ROADWAY SIDE TEXTURE WILL BE ARCHITECTURAL POLYMERS ASHLAR 905 OR ENGINEER-APPROVED EQUAL. ROADWAY SIDE COLOR SHALL BE GREY, FEDERAL COLOR NUMBER 16515.

FOR WALLS A1-A5, F, J1, & J2, RESIDENT SIDE TEXTURE SHALL BE ARCHITECTURAL POLYMERS LARGE STONE OHIO DRYSTACK 9110 OR ENGINEER-APPROVED EQUAL. RESIDENTIAL SIDE COLOR SHALL BE GREY, FEDERAL COLOR NUMBER 16515.

FOR WALL C, RESIDENT SIDE TEXTURE SHALL BE ARCHITECTURAL POLYMERS LARGE STONE OHIO DRYSTACK 9110 OR ENGINEER-APPROVED EQUAL. RESIDENTIAL SIDE COLOR SHALL BE TAN, FEDERAL COLOR NUMBER 30450.

FOR WALLS B1-B3, RESIDENT SIDE TEXTURE SHALL BE ARCHITECTURAL POLYMERS ASHLAR 905 OR ENGINEER-APPROVED EQUAL. RESIDENTIAL SIDE COLOR SHALL BE GREY, FEDERAL COLOR NUMBER 16515.

ITEM SPECIAL - NOISE BARRIER (REFLECTIVE), CONCRETE BARRIER MOUNTED

MATERIAL: ASTM A709, GRADE 50
STRUCTURAL STEEL - (FURNISH ACCORDING TO 711.01)

1" DIAMETER, ASTM A325
HIGH STRENGTH BOLTS - (FURNISH ACCORDINGING TO 711.09)

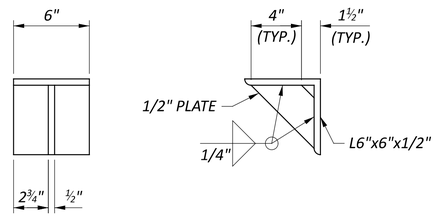
FABRICATION:
FABRICATE STRUCTURAL STEEL MEMBERS ACCORDING TO 513.

GALVANIZING:
GALVANIZE ALL STRUCTURAL STEEL SHAPES, PLATES, HARDWARE, AND ACCESSORIES IN ACCORDANCE WITH 711.02.

THIS ITEM INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT ASSOCIATED WITH FURNISHING AND INSTALLING THE COMPLETED NOISE BARRIER INCLUDING BUT NOT LIMITED TO ALL ANCHOR BOLTS, STEEL POSTS, PLATES, ANGLES, STUDS AND PANELS.

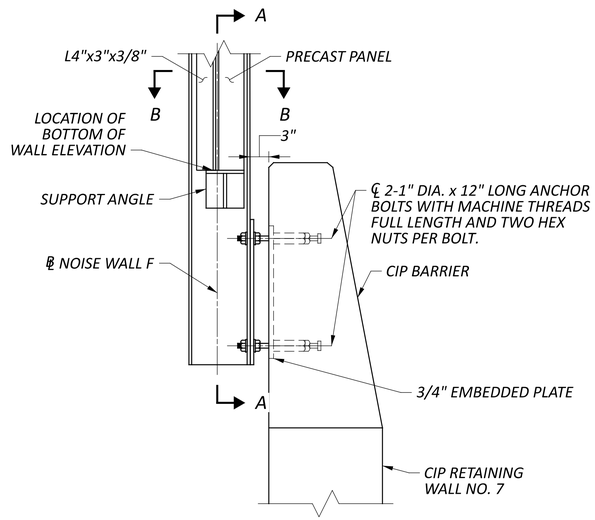
NOISE BARRIER:
INSTALL THE STEEL POSTS VERTICALLY AND THE PANELS HORIZONTALLY. POST ANCHORS AND ANCHOR BOLTS SHALL BE CAST IN BARRIER. ANCHORS OR ANCHOR BOLTS EPOXIED TO BARRIERS SHALL NOT BE PERMITTED.

METHOD OF MEASUREMENT:
THE DEPARTMENT WILL MEASURE THE NOISE BARRIER BY THE NUMBER OF SQUARE FEET. THE DEPARTMENT WILL MEASURE THE TOTAL AREA AS THE SUN OF THE AREA OF THE INDIVIDUAL PANEL SECTIONS. THE DEPARTMENT WILL MEASURE THE HEIGHT OF AN INDIVIDUAL PANEL SECTION FROM THE BOTTOM OF THE LOWEST PANEL TO THE TOP OF THE CAP. THE DEPARTMENT WILL MEASURE THE WIDTH OF AN INDIVIDUAL PANEL SECTION AS THE CENTER TO CENTER SPACING OF ADJACENT STEEL POSTS.

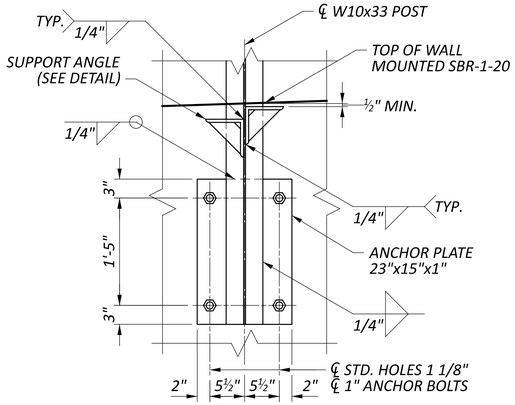


FRONT VIEW SIDE VIEW

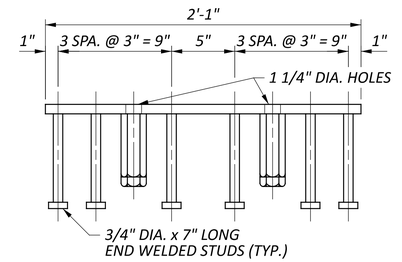
SUPPORT ANGLE DETAILS



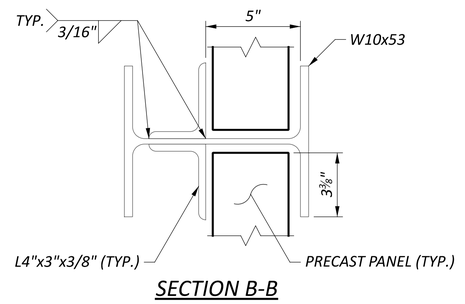
PANEL BOTTOM AND SUPPORT CLIP DETAIL



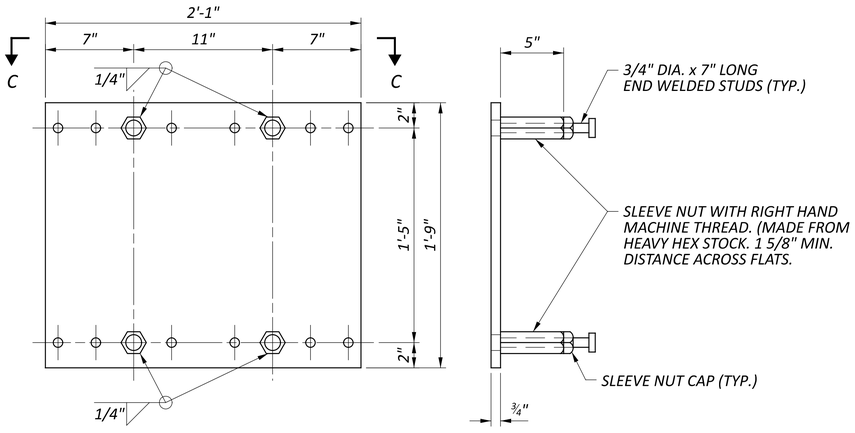
VIEW A-A



VIEW C-C



SECTION B-B



ELEVATION END VIEW

POST ANCHOR DEVICE

GENERAL NOTES AND DETAILS
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	21
TOTAL	78
SHEET	P.1240
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A1 SUBSUMMARY										
	1	10+00.00	805.51	794.26	802.76	8.50				
1							803.00	819.00	16	384
	2	10+24.00	805.11	794.19	802.69	8.50				
2							803.00	819.00	16	384
	3	10+48.00	804.33	794.19	802.69	8.50				
3							803.00	819.00	16	384
	4	10+72.00	804.53	794.19	802.69	8.50				
4							803.00	819.00	16	384
	5	10+96.00	804.69	794.19	802.69	8.50				
5							804.00	820.00	16	256
	6	11+12.00	807.70	795.19	803.69	8.50				
6							807.25	820.25	13	312
	7	11+36.00	807.86	795.19	803.69	8.50				
7							804.00	820.00	16	256
	8	11+52.00	805.04	795.19	803.69	8.50				
8							804.00	819.00	15	360
	9	11+76.00	805.19	795.08	803.58	8.50				
9							804.00	819.00	15	360
	10	12+00.00	805.32	797.08	803.58	6.50				
10							804.00	819.00	15	360
	11	12+24.00	805.45	797.08	803.58	6.50				
11							804.00	819.00	15	360
	12	12+48.00	805.58	797.08	803.58	6.50				
12							804.00	819.00	15	360
	13	12+72.00	805.70	797.19	803.69	6.50				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	1	10+00.00	807.00	800.76	806.76	6.00				
1							807.00	823.00	16	384
	2	10+24.00	807.96	800.69	806.69	6.00				
2							807.00	823.00	16	384
	3	10+48.00	808.92	796.69	806.69	10.00				
3							807.00	823.00	16	384
	4	10+72.00	809.63	796.69	806.69	10.00				
4							807.00	823.00	16	384
	5	10+96.00	809.48	796.69	806.69	10.00				
5							807.00	823.00	16	384
	6	11+20.00	809.79	796.69	806.69	10.00				
6							807.00	823.00	16	384
	7	11+44.00	809.84	796.69	806.69	10.00				
7							807.00	823.00	16	384
	8	11+68.00	810.27	796.69	806.69	10.00				
8							809.00	824.00	15	360
	9	11+92.00	810.44	798.58	808.58	10.00				
9							809.00	824.00	15	360
	10	12+16.00	810.34	798.58	808.58	10.00				
10							809.00	824.00	15	360
	11	12+40.00	810.25	798.58	808.58	10.00				
11							809.00	824.00	15	360
	12	12+64.00	810.24	798.58	808.58	10.00				
12							809.00	824.00	15	360

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	13	12+88.00	810.35	798.58	808.58	10.00				
13							809.00	824.00	15	360
	14	13+12.00	810.40	798.58	808.58	10.00				
14							809.00	824.00	15	360
	15	13+36.00	810.92	801.08	808.58	7.50				
15							809.00	824.00	15	360
	16	13+60.00	811.06	801.08	808.58	7.50				
16							809.00	824.00	15	360
	17	13+84.00	811.50	801.08	808.58	7.50				
17							810.00	825.00	15	360
	18	14+08.00	811.54	802.08	809.58	7.50				
18							810.00	825.00	15	360
	19	14+32.00	811.88	802.08	809.58	7.50				
19							810.00	825.00	15	360
	20	14+56.00	812.17	802.08	809.58	7.50				
20							810.00	825.00	15	360
	21	14+80.00	812.34	802.08	809.58	7.50				
21							810.00	825.00	15	360
	22	15+04.00	812.64	802.08	809.58	7.50				
22							810.00	825.00	15	360
	23	15+28.00	812.70	802.08	809.58	7.50				
23							810.00	825.00	15	360
	24	15+52.00	812.48	802.08	809.58	7.50				
24							810.00	825.00	15	360
	25	15+76.00	812.87	802.08	809.58	7.50				
25							812.00	826.00	14	336
	26	16+00.00	812.80	801.58	811.58	10.00				
26							812.00	826.00	14	336
	27	16+24.00	813.22	801.58	811.58	10.00				
27							812.00	826.00	14	336
	28	16+48.00	813.10	801.58	811.58	10.00				
28							812.00	826.00	14	336
	29	16+72.00	813.31	801.58	811.58	10.00				
29							812.00	827.00	15	360
	30	16+96.00	814.25	801.58	811.58	10.00				
30							813.00	828.00	15	360
	31	17+20.00	815.05	802.58	812.58	10.00				
31							814.50	828.50	14	336
	32	17+44.00	816.14	804.08	814.08	10.00				
32							814.50	829.50	15	360
	33	17+68.00	816.71	804.08	814.08	10.00				
33							814.50	829.50	15	360
	34	17+92.00	817.08	804.08	814.08	10.00				
34							816.00	830.00	14	336
	35	18+16.00	817.44	805.58	815.58	10.00				
35							816.00	830.00	14	336
	36	18+40.00	817.98	805.58	815.58	10.00				
36							816.00	831.00	15	360
	37	18+64.00	818.53	805.58	815.58	10.00				
37							816.00	831.00	15	360
	38	18+88.00	818.84	805.58	815.58	10.00				
38							818.00	832.00	14	336
	39	19+12.00	818.86	807.58	817.58	10.00				
39							818.00	832.00	14	336
	40	19+36.00	818.89	807.58	817.58	10.00				
40							818.00	832.00	14	336
	41	19+60.00	819.30	807.58	817.58	10.00				
41							818.00	832.00	14	336
	42	19+84.00	819.06	807.58	817.58	10.00				
42							818.00	833.00	15	360
	43	20+08.00	819.36	810.08	817.58	7.50				
43							818.00	833.00	15	360

NOISE WALL A1 & A2 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
22	78

SHEET	TOTAL
P.1241	P.2024

FAI/LIC-70-0.00/0.00

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PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	44	20+32.00	819.74	810.08	817.58	7.50				
44							818.00	833.00	15	360
	45	20+56.00	820.38	810.08	817.58	7.50				
45							818.00	833.00	15	180
	46	20+68.00	820.73	810.08	817.58	7.50				
46							820.00	834.00	14	336
	47	20+92.00	821.68	812.08	819.58	7.50				
47							820.00	835.00	15	360
	48	21+16.00	822.39	812.19	819.69	7.50				
48							820.00	836.00	16	384
	49	21+40.00	823.26	812.19	819.69	7.50				
49							822.50	836.50	14	336
	50	21+64.00	824.08	814.58	822.08	7.50				
50							822.50	837.50	15	360
	51	21+88.00	824.39	814.58	822.08	7.50				
51							822.50	837.50	15	360
	52	22+12.00	825.11	814.58	822.08	7.50				
52							824.00	838.00	14	336
	53	22+36.00	825.88	816.08	823.58	7.50				
53							824.00	839.00	15	360
	54	22+60.00	826.63	815.69	823.69	8.00				
54							824.00	840.00	16	384
	55	22+84.00	827.41	815.69	823.69	8.00				
55							826.00	841.00	15	360
	56	23+08.00	828.02	817.69	825.69	8.00				
56							826.00	842.00	16	384
	57	23+32.00	828.67	817.69	825.69	8.00				
57							826.00	842.00	16	384
	58	23+56.00	829.33	817.69	825.69	8.00				
58							828.50	842.50	14	336
	59	23+80.00	829.87	820.08	828.08	8.00				
59							828.50	843.50	15	360
	60	24+04.00	830.22	820.08	828.08	8.00				
60							828.50	843.50	15	360
	61	24+28.00	830.93	820.19	828.19	8.00				
61							828.50	844.50	16	384
	62	24+52.00	831.24	820.19	828.19	8.00				
62							830.50	845.50	15	360
	63	24+76.00	832.24	822.08	830.08	8.00				
63							830.50	845.50	15	360
	64	25+00.00	832.57	822.08	830.08	8.00				
64							830.50	845.50	15	360
	65	25+24.00	833.13	822.08	830.08	8.00				
65							830.50	845.50	15	360
	66	25+48.00	832.96	822.08	830.08	8.00				
66							830.50	845.50	15	360
	67	25+72.00	832.16	821.19	829.19	8.00				
67							829.50	845.50	16	384
	68	25+96.00	830.00	821.19	829.19	8.00				
68							830.50	845.50	15	360
	69	26+20.00	830.00	821.19	829.19	8.00				
69							829.50	845.50	16	384
	70	26+44.00	831.19	819.19	829.19	10.00				
70							830.50	845.50	15	360
	71	26+68.00	832.89	820.19	830.19	10.00				
71							830.50	846.50	16	384
	72	26+92.00	834.09	820.19	830.19	10.00				
72							833.50	847.50	14	336
	73	27+16.00	834.79	823.08	833.08	10.00				
73							833.50	848.50	15	360
	74	27+40.00	835.24	823.08	833.08	10.00				
74							834.50	849.50	15	360

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	75	27+64.00	835.93	824.19	834.19	10.00				
75							834.50	850.50	16	384
	76	27+88.00	836.54	824.19	834.19	10.00				
76							836.00	851.00	15	360
	77	28+12.00	837.52	825.69	835.69	10.00				
77							836.00	852.00	16	384
	78	28+36.00	838.72	827.19	835.69	8.50				
78							837.00	853.00	16	384
	79	28+60.00	839.28	828.19	836.69	8.50				
79							838.50	853.50	15	360
	80	28+84.00	839.58	829.58	838.08	8.50				
80							838.50	853.50	15	360
	81	29+08.00	839.19	829.58	838.08	8.50				
81							838.50	853.50	15	360
	82	29+32.00	839.32	829.58	838.08	8.50				
82							838.50	853.50	15	360
	83	29+56.00	839.52	829.58	838.08	8.50				
83							838.50	853.50	15	360
	84	29+80.00	839.73	829.58	838.08	8.50				
84							838.50	853.50	15	360
	85	30+04.00	829.70	829.58	838.08	8.50				
85							838.50	853.50	15	360
	86	30+28.00	839.62	829.58	838.08	8.50				
86							838.50	853.50	15	360
	87	30+52.00	839.76	829.58	838.08	8.50				
87							838.50	853.50	15	360
	88	30+76.00	839.86	829.58	838.08	8.50				
88							838.50	853.50	15	360
	89	31+00.00	839.96	829.58	838.08	8.50				
89							838.50	853.50	15	360
	90	31+24.00	840.37	829.58	838.08	8.50				
90							838.50	853.50	15	360
	91	31+48.00	840.76	829.58	838.08	8.50				
91							838.50	853.50	15	360
	92	31+72.00	840.90	829.58	838.08	8.50				
92							838.50	853.50	15	360
	93	31+96.00	841.11	829.58	838.08	8.50				
93							838.50	853.50	15	360
	94	32+20.00	841.25	829.58	838.08	8.50				
94							838.50	853.50	15	360
	95	32+44.00	841.21	828.08	838.08	10.00				
95							838.50	853.50	15	360
	96	32+68.00	841.34	828.08	838.08	10.00				
96							838.50	853.50	15	360
	97	32+92.00	841.38	828.08	838.08	10.00				
97							838.50	853.50	15	360
	98	33+16.00	840.77	828.08	838.08	10.00				
98							838.50	853.50	15	360
	99	33+40.00	840.11	828.08	838.08	10.00				
99							838.50	853.50	15	360
	100	33+64.00	839.26	827.19	837.19	10.00				
100							837.50	853.50	16	384
	101	33+88.00	838.50	827.19	837.19	10.00				
101							839.00	854.00	15	360
	102	34+12.00	838.50	827.69	837.69	10.00				
102							838.00	854.00	16	384
	103	34+36.00	841.23	827.69	837.69	10.00				
103							838.00	854.00	16	384
	104	34+60.00	841.80	827.69	837.69	10.00				
104							841.00	855.00	14	336
	105	34+84.00	842.28	830.58	840.58	10.00				
105							841.00	855.00	14	336

NOISE WALL A2 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMTECH STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
23	78

SHEET	TOTAL
P.1242	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:02 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	106	35+08.00	842.66	830.58	840.58	10.00				
106							841.00	855.00	14	336
	107	35+32.00	842.97	830.58	840.58	10.00				
107							841.00	855.00	14	336
	108	35+56.00	842.91	830.58	840.58	10.00				
108							841.00	855.00	14	336
	109	35+80.00	842.73	830.58	840.58	10.00				
109							841.00	855.00	14	336
	110	36+04.00	842.46	833.08	840.58	7.50				
110							841.00	855.00	14	336
	111	36+28.00	842.17	833.08	840.58	7.50				
111							841.00	855.00	14	336
	112	36+52.00	842.06	833.08	840.58	7.50				
112							841.00	855.00	14	336
	113	36+76.00	842.22	833.08	840.58	7.50				
113							841.00	855.00	14	336
	114	37+00.00	842.62	833.08	840.58	7.50				
114							841.00	856.00	15	360
	115	37+24.00	843.02	833.08	840.58	7.50				
115							841.00	856.00	15	360
	116	37+48.00	843.32	833.08	840.58	7.50				
116							841.00	856.00	15	360
	117	37+72.00	843.63	833.19	840.69	7.50				
117							841.00	857.00	16	384
	118	37+96.00	843.95	833.19	840.69	7.50				
118							841.00	857.00	16	384
	119	38+20.00	844.28	833.19	840.69	7.50				
119							841.00	857.00	16	384
	120	38+44.00	844.66	833.19	840.69	7.50				
120							844.00	858.00	14	336
	121	38+68.00	844.81	836.08	843.58	7.50				
121							844.00	858.00	14	336
	122	38+92.00	844.83	836.08	843.58	7.50				
122							844.00	858.00	14	336
	123	39+16.00	844.80	836.08	843.58	7.50				
123							844.00	858.00	14	336
	124	39+40.00	844.72	836.08	843.58	7.50				
124							844.00	858.00	14	336
	125	39+64.00	844.77	836.08	843.58	7.50				
125							844.00	858.00	14	336
	126	39+88.00	844.90	836.08	843.58	7.50				
126							844.00	858.00	14	336
	127	40+12.00	845.23	836.08	843.58	7.50				
127							844.00	859.00	15	360
	128	40+36.00	845.60	836.08	843.58	7.50				
128							844.00	859.00	15	360
	129	40+60.00	845.88	836.08	843.58	7.50				
129							844.00	859.00	15	360
	130	40+84.00	846.13	836.08	843.58	7.50				
130							844.00	859.00	15	360
	131	41+08.00	846.35	836.08	843.58	7.50				
131							844.00	859.00	15	360
	132	41+32.00	846.58	836.08	843.58	7.50				
132							844.00	859.00	15	360
	133	41+56.00	846.79	836.08	843.58	7.50				
133							844.00	859.00	15	360
	134	41+80.00	846.99	836.08	843.58	7.50				
134							846.00	860.00	14	336
	135	42+04.00	847.66	838.08	845.58	7.50				
135							846.00	861.00	15	360
	136	42+28.00	848.72	838.19	845.69	7.50				
136							846.00	862.00	16	384

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	137	42+52.00	849.33	838.19	845.69	7.50				
137							848.50	862.50	14	336
	138	42+76.00	849.49	840.58	848.08	7.50				
138							848.50	862.50	14	336
	139	43+00.00	849.56	840.58	848.08	7.50				
139							848.50	862.50	14	336
	140	43+24.00	849.72	839.58	848.08	8.50				
140							848.50	863.50	15	360
	141	43+48.00	850.30	839.69	848.19	8.50				
141							848.50	864.50	16	384
	142	43+72.00	851.30	839.69	848.19	8.50				
142							850.50	865.50	15	360
	143	43+96.00	852.32	841.69	850.19	8.50				
143							850.50	866.50	16	384
	144	44+20.00	853.31	841.69	850.19	8.50				
144							851.50	867.50	16	384
	145	44+44.00	854.17	842.69	851.19	8.50				
145							853.00	868.00	15	360
	146	44+68.00	854.80	844.08	852.58	8.50				
146							853.00	868.00	15	360
	147	44+92.00	855.27	844.08	852.58	8.50				
147							853.00	868.00	15	360
	148	45+16.00	855.23	844.08	852.58	8.50				
148							853.00	868.00	15	360
	149	45+40.00	855.17	844.08	852.58	8.50				
149							853.00	868.00	15	360
	150	45+64.00	855.04	844.58	852.58	8.00				
150							853.00	868.00	15	360
	151	45+88.00	854.91	844.58	852.58	8.00				
151							853.00	868.00	15	360
	152	46+12.00	854.48	844.58	852.58	8.00				
152							853.00	867.00	14	336
	153	46+36.00	854.04	844.58	852.58	8.00				
153							853.00	867.00	14	336
	154	46+60.00	853.92	844.58	852.58	8.00				
154							853.00	867.00	14	336
	155	46+84.00	853.80	842.19	850.19	8.00				
155							850.50	866.50	16	384
	156	47+08.00	852.96	842.19	850.19	8.00				
156							850.50	865.50	15	360
	157	47+32.00	851.96	842.08	850.08	8.00				
157							850.50	864.50	14	336
	158	47+56.00	851.53	842.08	850.08	8.00				
158							850.50	864.50	14	336
	159	47+80.00	851.54	842.58	850.08	7.50				
159							850.50	864.50	14	336
	160	48+04.00	851.70	842.58	850.08	7.50				
160							850.50	864.50	14	336
	161	48+28.00	851.35	842.58	850.08	7.50				
161							850.50	864.50	14	336
	162	48+52.00	852.32	842.58	850.08	7.50				
162							850.50	865.50	15	360
	163	48+76.00	853.02	842.69	850.19	7.50				
163							850.50	866.50	16	384
	164	49+00.00	853.59	842.69	850.19	7.50				
164							853.00	867.00	14	336
	165	49+24.00	854.14	845.08	852.58	7.50				
165							853.00	868.00	15	360
	166	49+48.00	854.80	845.08	852.58	7.50				
166							853.00	868.00	15	360
	167	49+72.00	855.35	845.08	852.58	7.50				
167							853.00	868.00	15	360

NOISE WALL A2 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMTECH STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
24	78

SHEET	TOTAL
P.1243	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:03 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A2 SUBSUMMARY										
	168	49+96.00	855.85	845.19	852.69	7.50				
168							853.00	869.00	16	384
	169	50+20.00	856.32	845.19	852.69	7.50				
169							855.50	869.50	14	336
	170	50+44.00	857.01	847.58	855.08	7.50				
170							855.50	870.50	15	360
	171	50+68.00	858.08	847.69	855.19	7.50				
171							855.50	871.50	16	384
	172	50+92.00	859.07	847.69	855.19	7.50				
172							858.50	872.50	14	336
	173	51+16.00	859.66	850.58	858.08	7.50				
173							858.50	872.50	14	336
	174	51+40.00	860.17	850.58	858.08	7.50				
174							858.50	872.50	14	336
	175	51+64.00	860.23	851.58	858.08	6.50				
175							858.50	872.50	14	336
	176	51+88.00	860.27	851.58	858.08	6.50				
176							858.50	872.50	14	336
	177	52+12.00	859.97	851.58	858.08	6.50				
177							858.50	872.50	14	336
	178	52+36.00	859.68	851.58	858.08	6.50				
178							858.50	872.50	14	336
	179	52+60.00	859.73	851.58	858.08	6.50				
179							858.50	872.50	14	336
	180	52+84.00	859.81	851.58	858.08	6.50				
180							858.50	872.50	14	336
	181	53+08.00	859.92	851.58	858.08	6.50				
181							858.50	872.50	14	336
	182	53+32.00	860.04	851.58	858.08	6.50				
182							858.50	872.50	14	336
	183	53+56.00	859.95	852.08	858.08	6.00				
183							858.50	872.50	14	336
	184	53+80.00	859.82	852.08	858.08	6.00				
184							858.50	872.50	14	336
	185	54+04.00	859.66	852.08	858.08	6.00				
185							858.50	872.50	14	336
	186	54+28.00	859.47	852.08	858.08	6.00				
186							858.50	872.50	14	336
	187	54+52.00	859.39	852.08	858.08	6.00				
187							858.50	872.50	14	336
	188	54+76.00	859.39	852.08	858.08	6.00				
188							858.50	872.50	14	336
	189	55+00.00	859.43	852.08	858.08	6.00				
189							858.50	872.50	14	336
	190	55+24.00	859.57	852.08	858.08	6.00				
190							858.50	872.50	14	336
	191	55+48.00	859.81	852.08	858.08	6.00				
191							858.50	872.50	14	336
	192	55+72.00	859.88	852.08	858.08	6.00				
192							858.50	872.50	14	336
	193	55+96.00	859.78	852.08	858.08	6.00				
193							858.50	872.50	14	336
	194	56+20.00	859.24	849.69	855.69	6.00				
194							856.00	872.00	16	384
	195	56+44.00	858.65	849.69	855.69	6.00				
195							856.00	871.00	15	360
	196	56+68.00	857.73	849.58	855.58	6.00				
196							856.00	870.00	14	336
	197	56+92.00	856.60	847.58	853.58	6.00				
197							854.00	869.00	15	360
	198	57+16.00	855.74	847.58	853.58	6.00				
198							854.00	868.00	14	336
	199	57+40.00	854.90	847.69	853.69	6.00				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A3 SUBSUMMARY										
	1	10+00.00	856.93	847.19	855.69	8.50				
1							856.00	870.00	14	336
	2	10+24.00	857.27	847.08	855.58	8.50				
2							856.00	870.00	14	336
	3	10+48.00	857.61	847.08	855.58	8.50				
3							856.00	870.00	14	336
	4	10+72.00	857.96	847.08	855.58	8.50				
4							856.00	871.00	15	360
	5	10+96.00	858.27	847.08	855.58	8.50				
5							856.00	871.00	15	360
	6	11+20.00	858.54	847.08	855.58	8.50				
6							856.00	871.00	15	360
	7	11+44.00	858.82	847.19	855.69	8.50				
7							856.00	872.00	16	384
	8	11+68.00	859.09	847.19	855.69	8.50				
8							856.00	872.00	16	384
	9	11+92.00	859.35	847.19	855.69	8.50				
9							856.00	872.00	16	384
	10	12+16.00	859.60	847.19	855.69	8.50				
10							856.00	872.00	16	384
	11	12+40.00	859.88	847.19	855.69	8.50				
11							859.00	873.00	14	336
	12	12+64.00	860.14	850.08	858.58	8.50				
12							859.00	873.00	14	336
	13	12+88.00	860.39	850.08	858.58	8.50				
13							859.00	873.00	14	336
	14	13+12.00	860.61	850.08	858.58	8.50				
14							859.00	874.00	15	360
	15	13+36.00	860.82	850.08	858.58	8.50				
15							859.00	874.00	15	360
	16	13+60.00	861.01	850.08	858.58	8.50				
16							859.00	874.00	15	360
	17	13+84.00	861.19	850.08	858.58	8.50				
17							860.50	874.50	14	336
	18	14+08.00	861.35	851.58	860.08	8.50				
18							860.50	874.50	14	336
	19	14+32.00	861.51	851.58	860.08	8.50				
19							860.50	874.50	14	336
	20	14+56.00	861.68	851.58	860.08	8.50				
20							860.50	874.50	14	336
	21	14+80.00	861.87	851.58	860.08	8.50				
21							860.50	874.50	14	336
	22	15+04.00	862.05	851.58	860.08	8.50				
22							860.50	874.50	14	336
	23	15+28.00	862.20	851.58	860.08	8.50				
23							861.50	875.50	14	336
	24	15+52.00	862.35	852.58	861.08	8.50				
24							861.50	875.50	14	168
	25	15+64.00	862.42	852.58	861.08	8.50				
25							861.50	875.50	14	336
	26	15+88.00	862.54	852.58	861.08	8.50				
26							861.50	875.50	14	336
	27	16+12.00	862.70	852.58	861.08	8.50				
27							861.50	875.50	14	168
	28	16+24.00	862.78	852.58	861.08	8.50				
28							861.50	875.50	14	336
	29	16+48.00	862.92	852.58	861.08	8.50				
29							862.00	876.00	14	336
	30	16+72.00	863.02	853.08	861.58	8.50				
30							862.00	876.00	14	336
	31	16+96.00	863.09	853.08	861.58	8.50				
31							862.00	876.00	14	336

NOISE WALL A2 & A3 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
25	78

SHEET	TOTAL
P.1244	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:04 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A3 SUBSUMMARY										
	32	17+20.00	863.14	855.08	861.58	6.50				
32							862.00	876.00	14	336
	33	17+44.00	863.19	855.08	861.58	6.50				
33							862.00	876.00	14	336
	34	17+68.00	863.25	855.08	861.58	6.50				
34							862.00	876.00	14	336
	35	17+92.00	863.29	855.08	861.58	6.50				
35							862.00	876.00	14	336
	36	18+16.00	863.36	855.08	861.58	6.50				
36							862.00	876.00	14	336
	37	18+40.00	863.44	855.08	861.58	6.50				
37							862.00	876.00	14	336
	38	18+64.00	863.51	855.08	861.58	6.50				
38							862.00	876.00	14	336
	39	18+88.00	863.55	855.08	861.58	6.50				
39							862.00	876.00	14	336
	40	19+12.00	863.57	855.08	861.58	6.50				
40							862.00	876.00	14	336
	41	19+36.00	863.57	855.08	861.58	6.50				
41							862.00	876.00	14	336
	42	19+60.00	863.59	855.08	861.58	6.50				
42							862.00	876.00	14	336
	43	19+84.00	863.60	855.08	861.58	6.50				
43							862.00	876.00	14	336
	44	20+08.00	863.59	855.08	861.58	6.50				
44							862.00	876.00	14	336
	45	20+32.00	863.58	855.08	861.58	6.50				
45							862.00	876.00	14	336
	46	20+56.00	863.54	855.08	861.58	6.50				
46							862.00	876.00	14	336
	47	20+80.00	863.49	855.08	861.58	6.50				
47							862.00	876.00	14	336
	48	21+04.00	863.39	855.19	861.69	6.50				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A4 SUBSUMMARY										
	1	10+00.00	862.41	855.19	861.19	6.00				
1							861.50	876.50	15	360
	2	10+24.00	862.95	855.08	861.08	6.00				
2							861.50	876.50	15	360
	3	10+48.00	863.33	855.08	861.08	6.00				
3							861.50	876.50	15	360
	4	10+72.00	863.40	855.08	861.08	6.00				
4							861.50	876.50	15	360
	5	10+96.00	863.60	853.58	861.08	7.50				
5							861.50	876.50	15	360
	6	11+20.00	863.77	853.58	861.08	7.50				
6							861.50	876.50	15	360
	7	11+44.00	864.01	853.58	861.08	7.50				
7							861.50	876.50	15	360
	8	11+68.00	864.09	853.58	861.08	7.50				
8							861.50	876.50	15	360
	9	11+92.00	864.02	853.58	861.08	7.50				
9							861.50	876.50	15	360

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A4 SUBSUMMARY										
	10	12+16.00	863.88	853.58	861.08	7.50				
10							861.50	876.50	15	360
	11	12+40.00	863.54	853.58	861.08	7.50				
11							861.50	876.50	15	360
	12	12+64.00	863.19	853.58	861.08	7.50				
12							861.50	876.50	15	360
	13	12+88.00	862.84	853.08	861.08	8.00				
13							861.50	876.50	15	360
	14	13+12.00	863.66	853.08	861.08	8.00				
14							861.50	876.50	15	360
	15	13+36.00	863.28	853.08	861.08	8.00				
15							861.50	876.50	15	360
	16	13+60.00	862.87	851.19	859.19	8.00				
16							859.50	875.50	16	384
	17	13+84.00	862.49	851.19	859.19	8.00				
17							859.50	875.50	16	384
	18	14+08.00	862.08	851.19	859.19	8.00				
18							859.50	874.50	15	360
	19	14+32.00	861.67	851.08	859.08	8.00				
19							859.50	874.50	15	360
	20	14+56.00	861.22	851.08	859.08	8.00				
20							859.50	873.50	14	336
	21	14+80.00	860.82	850.58	859.08	8.50				
21							859.50	873.50	14	336
	22	15+04.00	860.43	848.19	856.69	8.50				
22							857.00	873.00	16	384
	23	15+28.00	860.00	848.19	856.69	8.50				
23							857.00	873.00	16	384
	24	15+52.00	859.65	848.19	856.69	8.50				
24							857.00	873.00	16	384
	25	15+76.00	859.30	848.19	856.69	8.50				
25							857.00	873.00	16	384
	26	16+00.00	859.91	848.19	856.69	8.50				
26							857.00	872.00	15	360
	27	16+24.00	859.63	848.08	856.58	8.50				
27							857.00	872.00	15	360
	28	16+48.00	859.34	848.08	856.58	8.50				
28							857.00	872.00	15	360
	29	16+72.00	858.99	848.08	856.58	8.50				
29							857.00	872.00	15	360
	30	16+96.00	858.69	848.08	856.58	8.50				
30							857.00	871.00	14	336
	31	17+20.00	858.35	848.08	856.58	8.50				
31							857.00	871.00	14	336
	32	17+44.00	858.16	848.08	856.58	8.50				
32							857.00	871.00	14	336
	33	17+68.00	857.97	848.08	856.58	8.50				
33							857.00	871.00	14	336
	34	17+92.00	857.80	848.19	856.69	8.50				

NOISE WALL A3 & A4 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	CHECKER
DAS	DTF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
26	78

SHEET	TOTAL
P.1245	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:05 PM USER: brieder
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PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A5 SUBSUMMARY										
	1	10+00.00	855.61	846.26	852.26	6.00				
1							852.50	868.50	16	384
	2	10+24.00	855.34	846.19	852.19	6.00				
2							852.50	868.50	16	384
	3	10+48.00	855.06	846.19	852.19	6.00				
3							852.50	868.50	16	384
	4	10+72.00	854.75	846.19	852.19	6.00				
4							852.50	867.50	15	360
	5	10+96.00	854.42	846.08	852.08	6.00				
5							852.50	867.50	15	360
	6	11+20.00	854.08	846.08	852.08	6.00				
6							852.50	867.50	15	360
	7	11+44.00	853.73	846.08	852.08	6.00				
7							852.50	867.50	15	360
	8	11+68.00	853.41	843.69	849.69	6.00				
8							850.00	866.00	16	384
	9	11+92.00	853.10	843.69	849.69	6.00				
9							850.00	866.00	16	384
	10	12+16.00	852.74	843.69	849.69	6.00				
10							850.00	865.00	15	360
	11	12+40.00	852.40	843.58	849.58	6.00				
11							850.00	865.00	15	360
	12	12+64.00	852.04	843.58	849.58	6.00				
12							850.00	865.00	15	360
	13	12+88.00	851.64	843.58	849.58	6.00				
13							850.00	864.00	14	336
	14	13+12.00	851.21	843.58	849.58	6.00				
14							850.00	864.00	14	336
	15	13+36.00	850.80	841.19	847.19	6.00				
15							847.50	863.50	16	384
	16	13+60.00	850.39	841.19	847.19	6.00				
16							847.50	863.50	16	384
	17	13+84.00	849.98	837.19	847.19	10.00				
17							847.50	863.50	16	384
	18	14+08.00	849.58	837.19	847.19	10.00				
18							847.50	862.50	15	360
	19	14+32.00	849.18	837.08	847.08	10.00				
19							847.50	862.50	15	360
	20	14+56.00	848.72	834.69	844.69	10.00				
20							845.00	861.00	16	384
	21	14+80.00	848.24	834.69	844.69	10.00				
21							845.00	861.00	16	384
	22	15+04.00	847.77	834.69	844.69	10.00				
22							845.00	860.00	15	360
	23	15+28.00	847.31	834.58	844.58	10.00				
23							845.00	860.00	15	360
	24	15+52.00	846.85	834.58	844.58	10.00				
24							845.00	859.00	14	336
	25	15+76.00	846.37	834.58	844.58	10.00				
25							845.00	859.00	14	336
	26	16+00.00	845.88	834.69	842.19	7.50				
26							842.50	858.50	16	384
	27	16+24.00	845.41	834.69	842.19	7.50				
27							842.50	858.50	16	384
	28	16+48.00	844.92	834.69	842.19	7.50				
28							842.50	858.50	16	384
	29	16+72.00	844.40	834.69	842.19	7.50				
29							842.50	857.50	15	360
	30	16+96.00	843.86	834.58	842.08	7.50				
30							842.50	857.50	15	360
	31	17+20.00	843.35	832.19	839.69	7.50				
31							840.00	856.00	16	384

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL A5 SUBSUMMARY										
	32	17+44.00	842.86	832.19	839.69	7.50				
32							840.00	856.00	16	384
	33	17+68.00	842.36	832.19	839.69	7.50				
33							840.00	855.00	15	360
	34	17+92.00	841.87	829.08	839.58	10.50				
34							840.00	855.00	15	360
	35	18+16.00	841.50	829.08	839.58	10.50				
35							840.00	854.00	14	336
	36	18+40.00	841.20	829.08	839.58	10.50				
36							840.00	854.00	14	336
	37	18+64.00	840.92	826.69	837.19	10.50				
37							837.50	853.50	16	384
	38	18+88.00	840.64	826.69	837.19	10.50				
38							837.50	853.50	16	384
	39	19+12.00	840.39	826.69	837.19	10.50				
39							837.50	853.50	16	384
	40	19+36.00	840.15	826.69	837.19	10.50				
40							837.50	853.50	16	384
	41	19+60.00	839.86	826.69	837.19	10.50				
41							837.50	852.50	15	360
	42	19+84.00	839.55	828.58	837.08	8.50				
42							837.50	852.50	15	360
	43	20+08.00	839.24	828.58	837.08	8.50				
43							837.50	852.50	15	360
	44	20+32.00	838.94	828.58	837.08	8.50				
44							837.50	852.50	15	120
	45	20+40.00	838.84	828.58	837.08	8.50				
45							837.50	851.50	14	336
	46	20+64.00	838.55	828.58	837.08	8.50				
46							837.50	851.50	14	336
	47	20+88.00	838.28	828.58	837.08	8.50				
47							837.50	851.50	14	336
	48	21+12.00	838.01	825.69	834.19	8.50				
48							834.50	850.50	16	384
	49	21+36.00	837.68	825.69	834.19	8.50				
49							834.50	850.50	16	384
	50	21+60.00	837.32	825.69	834.19	8.50				
50							834.50	850.50	16	384
	51	21+84.00	837.01	824.19	834.19	10.00				
51							834.50	850.50	16	384
	52	22+08.00	836.73	824.19	834.19	10.00				
52							834.50	849.50	15	360
	53	22+32.00	836.46	824.08	834.08	10.00				
53							834.50	849.50	15	360
	54	22+56.00	836.10	824.08	834.08	10.00				
54							834.50	849.50	15	360
	55	22+80.00	835.83	824.08	834.08	10.00				
55							834.50	849.50	15	360
	56	23+04.00	835.63	824.08	834.08	10.00				
56							834.50	848.50	14	336
	57	23+28.00	835.46	824.08	834.08	10.00				
57							834.50	848.50	14	336
	58	23+52.00	835.37	824.08	834.08	10.00				
58							834.50	848.50	14	336
	59	23+76.00	835.26	824.08	834.08	10.00				
59							834.50	848.50	14	336
	60	24+00.00	835.07	824.19	834.19	10.00				

NOISE WALL A5 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
27	78

SHEET	TOTAL
P.1246	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 6 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:06 PM USER: brieder
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PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL B1 SUBSUMMARY										
	1	10+00.00	845.15	835.69	844.19	8.50				
1							844.50	859.50	15	360
	2	10+24.00	846.50	835.69	844.19	8.50				
2							844.50	860.50	16	192
	3	10+36.00	847.27	835.69	844.19	8.50				
3							844.50	861.50	17	204
	4	10+48.00	848.23	835.69	844.19	8.50				
4							847.50	862.50	15	180
	5	10+60.00	848.08	838.69	847.19	8.50				
5							847.50	863.50	16	192
	6	10+72.00	848.37	838.69	847.19	8.50				
6							847.50	864.50	17	204
	7	10+84.00	849.49	838.69	847.19	8.50				
7							847.50	865.50	18	216
	8	10+96.00	850.58	838.69	847.19	8.50				
8							850.00	866.00	16	384
	9	11+20.00	852.43	841.19	849.69	8.50				
9							850.00	866.00	16	384
	10	11+44.00	852.00	841.19	849.69	8.50				
10							850.00	866.00	16	384
	11	11+68.00	851.58	841.19	849.69	8.50				
11							850.00	866.00	16	384
	12	11+92.00	851.19	839.19	849.69	10.50				
12							850.00	866.00	16	384
	13	12+16.00	852.87	839.19	849.69	10.50				
13							851.00	867.00	16	384
	14	12+40.00	853.16	840.19	850.69	10.50				
14							851.00	867.00	16	384
	15	12+64.00	852.59	840.19	850.69	10.50				
15							851.00	867.00	16	384
	16	12+88.00	852.53	840.19	850.69	10.50				
16							851.00	867.00	16	384
	17	13+12.00	852.84	840.19	850.69	10.50				
17							851.00	867.00	16	384
	18	13+36.00	852.20	840.19	850.69	10.50				
18							851.00	867.00	16	384
	19	13+60.00	852.27	840.19	850.69	10.50				
19							851.00	867.00	16	384
	20	13+84.00	852.10	840.69	850.69	10.00				
20							851.00	867.00	16	384
	21	14+08.00	851.85	840.69	850.69	10.00				
21							851.00	867.00	16	384
	22	14+32.00	853.20	840.69	850.69	10.00				
22							852.50	867.50	15	360
	23	14+56.00	853.27	842.08	852.08	10.00				
23							852.50	867.50	15	360
	24	14+80.00	853.66	842.19	852.19	10.00				
24							852.50	868.50	16	384
	25	15+04.00	854.41	842.19	852.19	10.00				
25							852.50	868.50	16	384
	26	15+28.00	855.05	842.19	852.19	10.00				
26							854.50	869.50	15	360
	27	15+52.00	855.63	844.08	854.08	10.00				
27							854.50	869.50	15	360
	28	15+76.00	855.54	844.08	854.08	10.00				
28							854.50	869.50	15	360
	29	16+00.00	855.69	844.08	854.08	10.00				
29							854.50	868.50	14	336
	30	16+24.00	855.87	844.08	854.08	10.00				
30							854.50	867.50	13	312
	31	16+48.00	856.03	844.08	854.08	10.00				
31							854.50	866.50	12	288

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL B1 SUBSUMMARY										
	32	16+72.00	855.68	844.08	854.08	10.00				
32							854.50	865.50	11	264
	33	16+96.00	855.87	844.08	854.08	10.00				
33							854.50	865.50	11	264
	34	17+20.00	855.37	844.08	854.08	10.00				
34							854.50	865.50	11	264
	35	17+44.00	855.92	844.08	854.08	10.00				
35							854.50	865.50	11	264
	36	17+68.00	856.10	844.08	854.08	10.00				
36							854.50	865.50	11	264
	37	17+92.00	856.22	848.08	854.08	6.00				
37							854.50	866.50	12	288
	38	18+16.00	856.99	848.08	854.08	6.00				
38							854.50	867.50	13	312
	39	18+40.00	857.59	848.08	854.08	6.00				
39							857.00	868.00	11	264
	40	18+64.00	858.31	850.58	856.58	6.00				
40							857.00	868.00	11	264
	41	18+88.00	858.75	850.58	856.58	6.00				
41							857.00	868.00	11	264
	42	19+12.00	858.31	850.58	856.58	6.00				
42							857.00	868.00	11	264
	43	19+36.00	858.38	850.58	856.58	6.00				
43							857.00	868.00	11	264
	44	19+60.00	857.76	848.08	854.08	6.00				
44							854.50	867.50	13	312
	45	19+84.00	857.17	848.08	854.08	6.00				
45							854.50	866.50	12	288
	46	20+08.00	856.55	848.08	854.08	6.00				
46							854.50	866.50	12	288
	47	20+32.00	856.23	848.08	854.08	6.00				
47							854.50	866.50	12	288
	48	20+56.00	855.82	848.08	854.08	6.00				
48							854.50	866.50	12	288
	49	20+80.00	855.38	845.58	851.58	6.00				
49							852.00	866.00	14	336
	50	21+04.00	854.92	845.58	851.58	6.00				
50							852.00	865.00	13	312
	51	21+28.00	854.52	845.58	851.58	6.00				
51							852.00	864.00	12	288
	52	21+52.00	853.81	845.58	851.58	6.00				
52							852.00	863.00	11	264
	53	21+76.00	853.59	845.58	851.58	6.00				
53							852.00	863.00	11	264
	54	22+00.00	853.57	845.58	851.58	6.00				
54							852.00	863.00	11	264
	55	22+24.00	853.73	845.58	851.58	6.00				
55							852.00	863.00	11	264
	56	22+48.00	853.59	845.58	851.58	6.00				
56							852.00	863.00	11	264
	57	22+72.00	853.53	845.58	851.58	6.00				
57							852.00	863.00	11	264
	58	22+96.00	853.57	845.58	851.58	6.00				
58							852.00	863.00	11	264
	59	23+20.00	853.35	845.58	851.58	6.00				
59							852.00	863.00	11	264
	60	23+44.00	852.60	842.58	848.58	6.00				
60							849.00	862.00	13	312
	61	23+68.00	851.78	836.08	848.58	12.50				
61							849.00	862.00	13	312
	62	23+92.00	851.51	836.08	848.58	12.50				
62							849.00	861.00	12	288

NOISE WALL B1 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
28	78

SHEET	TOTAL
P.1247	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 7 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:07 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL B1 SUBSUMMARY										
	63	24+16.00	850.81	836.08	848.58	12.50				
63							849.00	861.00	12	288
	64	24+40.00	851.16	836.08	848.58	12.50				
64							849.00	861.00	12	288
	65	24+64.00	850.98	836.08	848.58	12.50				
65							849.00	861.00	12	288
	66	24+88.00	850.61	836.08	848.58	12.50				
66							849.00	861.00	12	288
	67	25+12.00	850.03	836.19	848.69	12.50				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL B2 SUBSUMMARY										
	1	10+00.00	860.84	853.19	859.69	6.50				
1							860.00	871.00	11	264
	2	10+24.00	861.08	853.08	859.58	6.50				
2							860.00	871.00	11	264
	3	10+48.00	861.26	853.08	859.58	6.50				
3							860.00	871.00	11	264
	4	10+72.00	861.45	853.08	859.58	6.50				
4							860.00	871.00	11	264
	5	10+96.00	861.62	853.08	859.58	6.50				
5							860.00	872.00	12	288
	6	11+20.00	861.81	853.08	859.58	6.50				
6							860.00	872.00	12	288
	7	11+44.00	861.98	853.08	859.58	6.50				
7							860.00	872.00	12	288
	8	11+68.00	862.12	853.08	859.58	6.50				
8							860.00	872.00	12	288
	9	11+92.00	862.26	853.08	859.58	6.50				
9							861.50	872.50	11	264
	10	12+16.00	862.37	854.58	861.08	6.50				
10							861.50	872.50	11	264
	11	12+40.00	862.48	854.58	861.08	6.50				
11							861.50	872.50	11	264
	12	12+64.00	862.58	854.58	861.08	6.50				
12							861.50	872.50	11	264
	13	12+88.00	862.66	854.58	861.08	6.50				
13							861.50	872.50	11	264
	14	13+12.00	862.73	854.58	861.08	6.50				
14							861.50	872.50	11	264
	15	13+36.00	862.85	854.58	861.08	6.50				
15							861.50	872.50	11	264
	16	13+60.00	862.99	854.58	861.08	6.50				
16							861.50	872.50	11	264
	17	13+84.00	863.07	854.58	861.08	6.50				
17							861.50	872.50	11	264
	18	14+08.00	863.13	854.69	861.19	6.50				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL B3 SUBSUMMARY										
	1	10+00.00	850.64	843.69	849.69	6.00				
1							850.00	862.00	12	288
	2	10+24.00	851.93	843.58	849.58	6.00				
2							850.00	862.00	12	288
	3	10+48.00	852.43	843.58	849.58	6.00				
3							852.00	863.00	11	264
	4	10+72.00	852.88	845.58	851.58	6.00				
4							852.00	863.00	11	264
	5	10+96.00	852.86	845.58	851.58	6.00				
5							852.00	863.00	11	264
	6	11+20.00	853.20	845.58	851.58	6.00				
6							852.00	863.00	11	264
	7	11+44.00	852.80	845.58	851.58	6.00				
7							852.00	863.00	11	264
	8	11+68.00	853.31	844.08	851.58	7.50				
8							852.00	863.00	11	264
	9	11+92.00	853.02	844.08	851.58	7.50				
9							852.00	863.00	11	264
	10	12+16.00	853.71	844.08	851.58	7.50				
10							852.00	864.00	12	288
	11	12+40.00	853.85	844.08	851.58	7.50				
11							852.00	864.00	12	288
	12	12+64.00	854.36	844.08	851.58	7.50				
12							852.00	864.00	12	288
	13	12+88.00	854.71	844.19	851.69	7.50				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL C SUBSUMMARY										
	1	10+00.00	865.21	857.69	863.69	6.00				
1							864.00	882.00	18	432
	2	10+24.00	865.20	857.55	863.55	6.00				
2							864.00	882.00	18	432
	3	10+48.00	865.16	857.55	863.55	6.00				
3							864.00	882.00	18	432
	4	10+72.00	865.07	857.55	863.55	6.00				
4							864.00	882.00	18	432
	5	10+96.00	864.91	851.05	863.55	12.50				
5							864.00	882.00	18	432
	6	11+20.00	864.70	851.05	863.55	12.50				
6							864.00	882.00	18	432
	7	11+44.00	864.49	851.05	863.55	12.50				
7							864.00	882.00	18	432
	8	11+68.00	864.30	848.05	860.55	12.50				
8							861.00	883.00	22	528
	9	11+92.00	864.08	848.05	860.55	12.50				
9							861.00	883.00	22	528
	10	12+16.00	863.85	848.05	860.55	12.50				
10							861.00	883.00	22	528
	11	12+40.00	863.59	848.05	860.55	12.50				
11							861.00	883.00	22	528
	12	12+64.00	863.31	846.55	860.55	14.00				
12							861.00	884.00	23	552
	13	12+88.00	863.01	846.55	860.55	14.00				
13							861.00	884.00	23	552

NOISE WALL B1, B2, & C SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
29	78

SHEET	TOTAL
P.1248	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 8 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:08 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL C SUBSUMMARY										
	14	13+12.00	862.73	846.55	860.55	14.00				
14							861.00	884.00	23	552
	15	13+36.00	862.34	845.55	859.55	14.00				
15							860.00	883.00	23	552
	16	13+60.00	861.94	845.55	859.55	14.00				
16							860.00	883.00	23	552
	17	13+84.00	861.54	844.55	858.55	14.00				
17							859.00	882.00	23	552
	18	14+08.00	861.13	844.55	858.55	14.00				
18							859.00	882.00	23	552
	19	14+32.00	860.72	844.55	858.55	14.00				
19							859.00	881.00	22	528
	20	14+56.00	860.31	844.55	858.55	14.00				
20							859.00	881.00	22	528
	21	14+80.00	859.95	844.55	856.55	12.00				
21							857.00	880.00	23	552
	22	15+04.00	859.61	844.55	856.55	12.00				
22							857.00	880.00	23	552
	23	15+28.00	859.29	844.55	856.55	12.00				
23							857.00	880.00	23	552
	24	15+52.00	858.96	843.55	855.55	12.00				
24							856.00	879.00	23	552
	25	15+76.00	858.60	843.55	855.55	12.00				
25							856.00	879.00	23	552
	26	16+00.00	858.24	843.55	855.55	12.00				
26							856.00	879.00	23	552
	27	16+24.00	857.89	843.55	855.55	12.00				
27							856.00	879.00	23	552
	28	16+48.00	857.52	842.55	854.55	12.00				
28							855.00	878.00	23	552
	29	16+72.00	857.11	841.55	854.55	13.00				
29							855.00	878.00	23	552
	30	16+96.00	856.73	840.55	853.55	13.00				
30							854.00	877.00	23	552
	31	17+20.00	856.33	840.55	853.55	13.00				
31							854.00	877.00	23	552
	32	17+44.00	855.91	840.55	853.55	13.00				
32							854.00	876.00	22	528
	33	17+68.00	855.48	840.55	853.55	13.00				
33							854.00	876.00	22	528
	34	17+92.00	855.06	840.55	853.55	13.00				
34							854.00	876.00	22	528
	35	18+16.00	854.64	838.55	851.55	13.00				
35							852.00	875.00	23	552
	36	18+40.00	854.24	838.55	851.55	13.00				
36							852.00	875.00	23	552
	37	18+64.00	853.82	838.05	850.55	12.50				
37							851.00	874.00	23	552
	38	18+88.00	853.39	838.05	850.55	12.50				
38							851.00	874.00	23	552
	39	19+12.00	852.96	838.05	850.55	12.50				
39							851.00	873.00	22	528
	40	19+36.00	852.52	838.05	850.55	12.50				
40							851.00	873.00	22	528
	41	19+60.00	852.10	836.07	848.57	12.50				
41							849.00	872.00	23	276
	42	19+72.00	850.96	835.05	847.55	12.50				
42							848.00	872.00	24	288
	43	19+84.00	848.82	834.07	846.57	12.50				
43							847.00	871.00	24	192
	44	19+92.00	848.67	834.05	846.55	12.50				
44							847.00	871.00	24	384

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL C SUBSUMMARY										
	45	20+08.00	848.37	834.05	846.55	12.50				
45							847.00	871.00	24	192
	46	20+16.00	848.21	834.07	846.57	12.50				
46							847.00	871.00	24	288
	47	20+28.00	849.98	832.55	846.55	14.00				
47							848.00	871.00	23	276
	48	20+40.00	850.75	833.57	847.57	14.00				
48							848.00	871.00	23	552
	49	20+64.00	850.31	833.55	847.55	14.00				
49							848.00	871.00	23	552
	50	20+88.00	849.87	833.55	847.55	14.00				
50							848.00	871.00	23	552
	51	21+12.00	849.42	833.55	847.55	14.00				
51							848.00	870.00	22	528
	52	21+36.00	848.93	831.55	845.55	14.00				
52							846.00	869.00	23	552
	53	21+60.00	848.40	831.55	845.55	14.00				
53							846.00	869.00	23	552
	54	21+84.00	847.84	831.55	845.55	14.00				
54							846.00	868.00	22	528
	55	22+08.00	847.28	831.55	845.55	14.00				
55							846.00	868.00	22	528
	56	22+32.00	846.72	829.55	843.55	14.00				
56							844.00	867.00	23	552
	57	22+56.00	846.13	829.55	843.55	14.00				
57							844.00	867.00	23	552
	58	22+80.00	845.52	828.55	842.55	14.00				
58							843.00	866.00	23	552
	59	23+04.00	844.91	828.55	842.55	14.00				
59							843.00	866.00	23	552
	60	23+28.00	844.31	827.55	841.55	14.00				
60							842.00	865.00	23	552
	61	23+52.00	843.69	827.55	841.55	14.00				
61							842.00	865.00	23	552
	62	23+76.00	843.08	826.55	840.55	14.00				
62							841.00	864.00	23	552
	63	24+00.00	842.51	826.55	840.55	14.00				
63							841.00	864.00	23	552
	64	24+24.00	841.95	826.69	840.69	14.00				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	1	10+00.00	889.72	876.19	888.69	12.50				
1							889.00	910.00	21	504
	2	10+24.00	890.20	876.05	888.55	12.50				
2							889.00	910.00	21	504
	3	10+48.00	890.68	876.05	888.55	12.50				
3							889.00	910.00	21	504
	4	10+72.00	891.16	877.55	890.05	12.50				
4							890.50	910.50	20	440
	5	10+94.00	891.60	877.55	890.05	12.50				
5							890.50	910.50	20	400
	6	11+14.00	892.08	878.55	891.05	12.50				
6							891.50	910.50	19	152

NOISE WALL C & F SUBSUMMARY
WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
30	78

SHEET	TOTAL
P.1249	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 9 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:08 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	7	11+22.00	*895.61	N/A	N/A	N/A				
7							895.08	911.08	16	128
	8	11+30.00	*895.77	N/A	N/A	N/A				
8							895.08	911.08	16	192
	9	11+42.00	*896.01	N/A	N/A	N/A				
9							895.08	911.08	16	192
	10	11+54.00	*896.25	N/A	N/A	N/A				
10							895.67	911.67	16	192
	11	11+66.00	*896.49	N/A	N/A	N/A				
11							895.67	911.67	16	192
	12	11+78.00	*896.73	N/A	N/A	N/A				
12							895.67	911.67	16	192
	13	11+90.00	*896.97	N/A	N/A	N/A				
13							896.42	912.42	16	192
	14	12+02.00	*897.21	N/A	N/A	N/A				
14							896.42	912.42	16	192
	15	12+14.00	*897.45	N/A	N/A	N/A				
15							896.42	912.42	16	192
	16	12+26.00	*897.69	N/A	N/A	N/A				
16							897.17	913.17	16	192
	17	12+38.00	*897.93	N/A	N/A	N/A				
17							897.17	913.17	16	192
	18	12+50.00	*898.17	N/A	N/A	N/A				
18							897.17	913.17	16	128
	19	12+58.00	*898.37	N/A	N/A	N/A				
19							897.83	913.83	16	192
	20	12+70.00	*898.61	N/A	N/A	N/A				
20							897.83	913.83	16	192
	21	12+82.00	*898.85	N/A	N/A	N/A				
21							897.83	913.83	16	192
	22	12+94.00	*899.09	N/A	N/A	N/A				
22							898.50	914.50	16	192
	23	13+06.00	*899.29	N/A	N/A	N/A				
23							898.50	914.50	16	192
	24	13+18.00	*899.54	N/A	N/A	N/A				
24							898.50	914.50	16	192
	25	13+30.00	*899.78	N/A	N/A	N/A				
25							899.25	915.25	16	192
	26	13+42.00	*900.02	N/A	N/A	N/A				
26							899.25	915.25	16	192
	27	13+54.00	*900.26	N/A	N/A	N/A				
27							899.25	915.25	16	192
	28	13+66.00	*900.50	N/A	N/A	N/A				
28							899.92	915.92	16	192
	29	13+78.00	*900.74	N/A	N/A	N/A				
29							899.92	915.92	16	192
	30	13+90.00	*900.98	N/A	N/A	N/A				
30							899.92	915.92	16	192
	31	14+02.00	*901.22	N/A	N/A	N/A				
31							900.67	916.67	16	192
	32	14+14.00	*901.46	N/A	N/A	N/A				
32							900.67	916.67	16	192
	33	14+26.00	*901.70	N/A	N/A	N/A				
33							900.67	916.67	16	192
	34	14+38.00	*901.94	N/A	N/A	N/A				
34							901.33	917.33	16	192
	35	14+50.00	*902.18	N/A	N/A	N/A				
35							901.33	917.33	16	192
	36	14+62.00	*902.42	N/A	N/A	N/A				
36							901.33	917.33	16	192
	37	14+74.00	*902.66	N/A	N/A	N/A				
37							902.08	918.08	16	192

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	38	14+86.00	*902.90	N/A	N/A	N/A				
38							902.08	918.08	16	160
	39	14+96.00	*903.14	N/A	N/A	N/A				
39							902.08	918.08	16	192
	40	15+08.00	*903.29	N/A	N/A	N/A				
40							902.75	918.75	16	160
	41	15+18.00	*903.54	N/A	N/A	N/A				
41							902.75	918.75	16	192
	42	15+30.00	*903.78	N/A	N/A	N/A				
42							902.75	918.75	16	192
	43	15+42.00	*904.02	N/A	N/A	N/A				
43							903.50	919.50	16	192
	44	15+54.00	*904.26	N/A	N/A	N/A				
44							903.50	919.50	16	192
	45	15+66.00	*904.50	N/A	N/A	N/A				
45							903.50	919.50	16	192
	46	15+78.00	*904.75	N/A	N/A	N/A				
46							904.17	920.17	16	192
	47	15+90.00	*904.99	N/A	N/A	N/A				
47							904.17	920.17	16	192
	48	16+02.00	*905.23	N/A	N/A	N/A				
48							904.17	920.17	16	192
	49	16+14.00	*905.47	N/A	N/A	N/A				
49							904.92	920.92	16	192
	50	16+26.00	*905.71	N/A	N/A	N/A				
50							904.92	920.92	16	192
	51	16+38.00	*905.95	N/A	N/A	N/A				
51							904.92	920.92	16	192
	52	16+50.00	*906.19	N/A	N/A	N/A				
52							905.58	921.58	16	192
	53	16+62.00	*906.43	N/A	N/A	N/A				
53							905.58	921.58	16	192
	54	16+74.00	*906.67	N/A	N/A	N/A				
54							905.58	921.58	16	192
	55	16+86.00	*906.91	N/A	N/A	N/A				
55							906.33	922.33	16	192
	56	16+98.00	*907.15	N/A	N/A	N/A				
56							906.33	922.33	16	192
	57	17+10.00	*907.39	N/A	N/A	N/A				
57							906.33	922.33	16	192
	58	17+22.00	*907.63	N/A	N/A	N/A				
58							907.08	923.08	16	192
	59	17+34.00	*907.87	N/A	N/A	N/A				
59							907.08	923.08	16	192
	60	17+46.00	*908.11	N/A	N/A	N/A				
60							907.08	923.08	16	192
	61	17+58.00	*908.35	N/A	N/A	N/A				
61							907.75	923.75	16	192
	62	17+70.00	*908.59	N/A	N/A	N/A				
62							907.75	923.75	16	192
	63	17+82.00	*908.83	N/A	N/A	N/A				
63							907.75	923.75	16	192
	64	17+94.00	*909.07	N/A	N/A	N/A				
64							908.50	924.50	16	192
	65	18+06.00	*909.31	N/A	N/A	N/A				
65							908.50	924.50	16	192
	66	18+18.00	*909.55	N/A	N/A	N/A				
66							908.50	924.50	16	160
	67	18+28.00	*909.70	N/A	N/A	N/A				
67							909.17	925.17	16	160
	68	18+38.00	*909.96	N/A	N/A	N/A				
68							909.17	925.17	16	192

** - TOP OF WALL MOUNTED SBR-1-20*

NOISE WALL F SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
31	78

SHEET	TOTAL
P.1250	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 10 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:09 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	69	18+50.00	*910.20	N/A	N/A	N/A				
69							909.17	925.17	16	192
	70	18+62.00	*910.44	N/A	N/A	N/A				
70							909.92	925.92	16	192
	71	18+74.00	*910.68	N/A	N/A	N/A				
71							909.92	925.92	16	160
	72	18+84.00	*910.88	N/A	N/A	N/A				
72							909.92	925.92	16	160
	73	18+94.00	*911.08	N/A	N/A	N/A				
73							910.52	926.50	16	192
	74	19+06.00	*911.32	N/A	N/A	N/A				
74							910.52	926.50	16	192
	75	19+18.00	*911.56	N/A	N/A	N/A				
75							910.52	926.50	16	160
	76	19+28.00	*911.76	N/A	N/A	N/A				
76							911.17	927.17	16	192
	77	19+40.00	*912.00	N/A	N/A	N/A				
77							911.17	927.17	16	192
	78	19+52.00	*912.24	N/A	N/A	N/A				
78							911.17	927.17	16	192
	79	19+64.00	*912.48	N/A	N/A	N/A				
79							911.92	927.92	16	192
	80	19+76.00	*912.73	N/A	N/A	N/A				
80							911.92	927.92	16	192
	81	19+88.00	*912.99	N/A	N/A	N/A				
81							911.92	927.92	16	192
	82	20+00.00	*913.26	N/A	N/A	N/A				
82							912.67	928.67	16	192
	83	20+12.00	*913.53	N/A	N/A	N/A				
83							912.67	928.67	16	192
	84	20+24.00	*913.82	N/A	N/A	N/A				
84							912.67	928.67	16	192
	85	20+36.00	*914.10	N/A	N/A	N/A				
85							913.50	929.50	16	192
	86	20+48.00	*914.43	N/A	N/A	N/A				
86							913.50	929.50	16	192
	87	20+60.00	*914.75	N/A	N/A	N/A				
87							914.17	930.17	16	192
	88	20+72.00	*915.08	N/A	N/A	N/A				
88							914.17	930.17	16	192
	89	20+84.00	*915.42	N/A	N/A	N/A				
89							914.83	930.83	16	192
	90	20+96.00	*915.77	N/A	N/A	N/A				
90							914.83	930.83	16	192
	91	21+08.00	*916.09	N/A	N/A	N/A				
91							915.50	931.50	16	192
	92	21+20.00	*916.41	N/A	N/A	N/A				
92							915.50	931.50	16	192
	93	21+32.00	*916.74	N/A	N/A	N/A				
93							916.17	932.17	16	192
	94	21+44.00	*917.08	N/A	N/A	N/A				
94							916.17	932.17	16	192
	95	21+56.00	*917.35	N/A	N/A	N/A				
95							916.83	932.83	16	160
	96	21+66.00	*917.69	N/A	N/A	N/A				
96							916.83	932.83	16	192
	97	21+78.00	*918.05	N/A	N/A	N/A				
97							917.50	933.50	16	192
	98	21+90.00	*918.39	N/A	N/A	N/A				
98							917.50	933.50	16	192
	99	22+02.00	*918.75	N/A	N/A	N/A				
99							918.17	934.17	16	192

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	100	22+14.00	*919.19	N/A	N/A	N/A				
100							918.17	934.17	16	192
	101	22+26.00	*919.67	N/A	N/A	N/A				
101							919.09	935.09	16	192
	102	22+38.00	*920.15	N/A	N/A	N/A				
102							919.58	935.58	16	192
	103	22+50.00	*920.64	N/A	N/A	N/A				
103							919.58	935.58	16	160
	104	22+60.00	*921.06	N/A	N/A	N/A				
104							920.58	934.58	14	140
	105	22+70.00	*921.49	N/A	N/A	N/A				
105							920.58	933.58	13	156
	106	22+82.00	*922.01	N/A	N/A	N/A				
106							921.67	932.67	11	132
	107	22+94.00	*922.55	N/A	N/A	N/A				
107							921.67	932.67	11	132
	108	23+06.00	*923.09	N/A	N/A	N/A				
108							922.58	933.58	11	132
	109	23+18.00	*923.65	N/A	N/A	N/A				
109							922.58	933.58	11	132
	110	23+30.00	*924.21	N/A	N/A	N/A				
110							923.83	932.83	9	90
	111	23+40.00	*924.69	N/A	N/A	N/A				
111							923.83	932.83	9	108
	112	23+52.00	*925.28	N/A	N/A	N/A				
112							925.00	933.00	8	96
	113	23+64.00	*925.87	N/A	N/A	N/A				
113							925.67	933.67	8	96
	114	23+76.00	*926.48	N/A	N/A	N/A				
114							925.67	933.67	8	96
	115	23+88.00	*927.17	N/A	N/A	N/A				
115							927.00	934.00	7	84
	116	24+00.00	*927.88	N/A	N/A	N/A				
116							927.00	935.00	8	96
	117	24+12.00	*928.58	N/A	N/A	N/A				
117							928.33	935.33	7	84
	118	24+24.00	*929.26	N/A	N/A	N/A				
118							928.33	936.33	8	80
	119	24+34.00	*929.80	N/A	N/A	N/A				
119							929.25	937.25	8	96
	120	24+46.00	*930.46	N/A	N/A	N/A				
120							929.25	937.25	8	96
	121	24+58.00	*931.11	N/A	N/A	N/A				
121							930.92	937.92	7	84
	122	24+70.00	*931.77	N/A	N/A	N/A				
122							930.92	937.92	7	84
	123	24+82.00	*932.41	N/A	N/A	N/A				
123							932.17	938.17	6	72
	124	24+94.00	*933.02	N/A	N/A	N/A				
124							932.17	939.17	7	70
	125	25+04.00	*933.52	N/A	N/A	N/A				
125							933.00	940.00	7	84
	126	25+16.00	*934.12	N/A	N/A	N/A				
126							933.00	941.00	8	96
	127	25+28.00	*934.72	N/A	N/A	N/A				
127							934.17	941.17	7	84
	128	25+40.00	*935.32	N/A	N/A	N/A				
128							934.17	941.17	7	84
	129	25+52.00	*935.92	N/A	N/A	N/A				
129							935.17	942.17	7	70
	130	25+62.00	*936.42	N/A	N/A	N/A				
130							935.17	942.17	7	84

* - TOP OF WALL MOUNTED SBR-1-20

NOISE WALL F SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
32	78

SHEET	TOTAL
P.1251	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 11 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:10 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL F SUBSUMMARY										
	131	25+74.00	*936.99	N/A	N/A	N/A				
131							936.50	942.50	6	72
	132	25+86.00	*937.62	N/A	N/A	N/A				
132							936.50	943.50	7	84
	133	25+98.00	*938.22	N/A	N/A	N/A				
133							937.67	943.67	6	72
	134	26+10.00	*938.82	N/A	N/A	N/A				
134							937.67	944.67	7	84
	135	26+22.00	*939.42	N/A	N/A	N/A				
135							938.83	944.83	6	72
	136	26+34.00	*940.02	N/A	N/A	N/A				
136							938.83	945.83	7	84
	137	26+46.00	*940.62	N/A	N/A	N/A				
137							940.08	946.08	6	72
	138	26+58.00	*941.22	N/A	N/A	N/A				
138							940.08	947.08	7	84
	139	26+70.00	*941.82	N/A	N/A	N/A				
139							941.25	947.25	6	72
	140	26+82.00	*942.41	N/A	N/A	N/A				
140							941.25	948.25	7	84
	141	26+94.00	*943.02	N/A	N/A	N/A				
141							942.50	949.50	7	84
	142	27+06.00	*943.66	N/A	N/A	N/A				
142							939.87	949.87	10	140
	143	27+20.00	941.10	930.92	939.42	8.50				
143							939.87	950.87	11	132
	144	27+32.00	941.69	930.92	939.42	8.50				
144							939.87	951.87	12	240
	145	27+52.00	942.77	930.92	939.42	8.50				
145							939.87	952.87	13	260
	146	27+72.00	943.65	930.92	939.42	8.50				
146							939.87	953.87	14	280
	147	27+92.00	942.24	929.05	937.55	8.50				
147							938.00	954.00	16	256
	148	28+08.00	939.33	929.05	937.55	8.50				
148							938.00	955.00	17	408
	149	28+32.00	940.68	930.55	939.05	8.50				
149							939.00	956.00	17	340
	150	28+52.00	945.69	935.55	944.05	8.50				
150							944.00	957.00	13	208
	151	28+68.00	948.74	939.05	947.55	8.50				
151							948.00	958.00	10	240
	152	28+92.00	950.07	939.05	947.55	8.50				
152							948.00	959.00	11	264
	153	29+16.00	951.29	941.05	947.55	6.50				
153							949.00	960.00	11	264
	154	29+40.00	952.46	943.05	949.55	6.50				
154							950.00	961.00	11	264
	155	29+64.00	953.58	945.05	951.55	6.50				
155							952.00	962.00	10	240
	156	29+88.00	954.63	945.05	951.55	6.50				
156							952.00	963.00	11	264
	157	30+12.00	955.60	947.05	953.55	6.50				
157							954.00	964.00	10	240
	158	30+36.00	956.47	947.05	953.55	6.50				
158							954.00	965.00	11	264
	159	30+60.00	957.16	947.05	953.55	6.50				
159							954.00	965.00	11	264
	160	30+84.00	957.65	949.55	956.05	6.50				
160							956.50	965.50	9	216
	161	31+08.00	958.10	949.55	956.05	6.50				
161							956.50	965.50	9	216
	162	31+32.00	958.50	949.69	956.19	6.50				

** - TOP OF WALL MOUNTED SBR-1-20*

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	1	10+00.00	937.69	928.69	936.69	8.00				
1							937.00	950.00	13	312
	2	10+24.00	938.17	928.55	936.55	8.00				
2							937.00	950.00	13	312
	3	10+48.00	938.66	928.55	936.55	8.00				
3							937.00	950.00	13	312
	4	10+72.00	939.22	928.55	936.55	8.00				
4							938.00	951.00	13	312
	5	10+96.00	939.84	929.55	937.55	8.00				
5							938.00	952.00	14	336
	6	11+20.00	940.37	929.55	937.55	8.00				
6							938.00	953.00	15	360
	7	11+44.00	940.91	929.55	937.55	8.00				
7							940.00	954.00	14	336
	8	11+68.00	940.98	931.55	939.55	8.00				
8							940.00	954.00	14	336
	9	11+92.00	941.10	931.55	939.55	8.00				
9							940.00	954.00	14	336
	10	12+16.00	941.40	931.55	939.55	8.00				
10							940.00	954.00	14	336
	11	12+40.00	941.73	931.05	939.55	8.50				
11							940.00	954.00	14	336
	12	12+64.00	942.07	931.05	939.55	8.50				
12							940.00	955.00	15	360
	13	12+88.00	941.96	931.05	939.55	8.50				
13							940.00	955.00	15	360
	14	13+12.00	942.08	931.05	939.55	8.50				
14							940.00	955.00	15	360
	15	13+36.00	942.15	931.05	939.55	8.50				
15							940.00	956.00	16	384
	16	13+60.00	942.02	931.05	939.55	8.50				
16							940.00	957.00	17	408
	17	13+84.00	941.56	931.05	939.55	8.50				
17							941.00	958.00	17	408
	18	14+08.00	942.63	932.05	940.55	8.50				
18							941.00	959.00	18	432
	19	14+32.00	943.52	930.55	940.55	10.00				
19							943.00	960.00	17	408
	20	14+56.00	944.17	932.55	942.55	10.00				
20							943.00	961.00	18	432
	21	14+80.00	945.13	932.55	942.55	10.00				
21							944.00	962.00	18	432
	22	15+04.00	946.08	933.55	943.55	10.00				
22							944.00	963.00	19	456
	23	15+28.00	946.87	933.55	943.55	10.00				
23							946.00	964.00	18	432
	24	15+52.00	947.19	935.55	945.55	10.00				
24							946.00	965.00	19	456
	25	15+76.00	949.25	935.55	945.55	10.00				
25							948.50	965.50	17	408
	26	16+00.00	950.98	938.05	948.05	10.00				
26							948.50	966.50	18	432
	27	16+24.00	952.56	937.55	948.05	10.50				
27							951.50	967.50	16	384
	28	16+48.00	953.12	940.55	951.05	10.50				
28							951.50	967.50	16	384
	29	16+72.00	953.30	940.55	951.05	10.50				
29							951.50	967.50	16	384
	30	16+96.00	953.04	940.55	951.05	10.50				
30							951.50	967.50	16	384
	31	17+20.00	952.44	938.55	949.05	10.50				
31							949.50	966.50	17	408

NOISE WALL F & J1 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
33	78

SHEET	TOTAL
P.1252	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 12 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:11 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	32	17+44.00	951.65	938.55	949.05	10.50				
32							949.50	966.50	17	408
	33	17+68.00	951.13	938.55	949.05	10.50				
33							949.50	965.50	16	384
	34	17+92.00	950.36	938.55	949.05	10.50				
34							949.50	965.50	16	384
	35	18+16.00	950.01	937.05	947.55	10.50				
35							948.00	965.00	17	408
	36	18+40.00	949.55	937.05	947.55	10.50				
36							948.00	965.00	17	408
	37	18+64.00	949.24	939.05	947.55	8.50				
37							948.00	964.00	16	384
	38	18+88.00	949.00	939.05	947.55	8.50				
38							948.00	964.00	16	384
	39	19+12.00	948.91	939.05	947.55	8.50				
39							948.00	964.00	16	384
	40	19+36.00	949.09	939.05	947.55	8.50				
40							948.00	965.00	17	408
	41	19+60.00	949.25	939.05	947.55	8.50				
41							948.00	965.00	17	408
	42	19+84.00	949.44	939.05	947.55	8.50				
42							948.00	966.00	18	432
	43	20+08.00	949.64	939.05	947.55	8.50				
43							948.00	966.00	18	432
	44	20+32.00	949.85	939.05	947.55	8.50				
44							948.00	967.00	19	456
	45	20+56.00	950.03	934.55	947.55	13.00				
45							948.00	968.00	20	480
	46	20+80.00	950.26	934.55	947.55	13.00				
46							948.00	969.00	21	504
	47	21+04.00	950.64	934.55	947.55	13.00				
47							950.00	970.00	20	480
	48	21+28.00	951.12	936.55	949.55	13.00				
48							950.00	970.00	20	480
	49	21+52.00	951.16	936.55	949.55	13.00				
49							950.00	970.00	20	480
	50	21+76.00	951.46	936.55	949.55	13.00				
50							950.00	971.00	21	504
	51	22+00.00	951.97	936.55	949.55	13.00				
51							950.00	971.00	21	504
	52	22+24.00	952.16	935.55	949.55	14.00				
52							950.00	971.00	21	504
	53	22+48.00	952.25	935.55	949.55	14.00				
53							950.00	971.00	21	504
	54	22+72.00	952.56	935.55	949.55	14.00				
54							952.00	972.00	20	480
	55	22+96.00	952.92	937.55	951.55	14.00				
55							952.00	972.00	20	480
	56	23+20.00	953.15	937.55	951.55	14.00				
56							952.00	972.00	20	480
	57	23+44.00	953.44	937.55	951.55	14.00				
57							952.00	973.00	21	504
	58	23+68.00	953.84	937.55	951.55	14.00				
58							952.00	974.00	22	528
	59	23+92.00	954.42	937.55	951.55	14.00				
59							952.00	975.00	23	552
	60	24+16.00	954.61	939.55	951.55	12.00				
60							954.00	976.00	22	528
	61	24+40.00	954.72	941.55	953.55	12.00				
61							954.00	976.00	22	528
	62	24+64.00	955.27	941.55	953.55	12.00				
62							954.00	977.00	23	552

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	63	24+88.00	955.72	941.55	953.55	12.00				
63							954.00	977.00	23	552
	64	25+12.00	956.40	941.55	953.55	12.00				
64							955.00	978.00	23	552
	65	25+36.00	957.37	942.55	954.55	12.00				
65							956.00	978.00	22	528
	66	25+60.00	957.78	943.55	955.55	12.00				
66							956.00	979.00	23	552
	67	25+84.00	958.12	943.55	955.55	12.00				
67							956.00	979.00	23	552
	68	26+08.00	958.73	942.55	954.55	12.00				
68							958.00	980.00	22	528
	69	26+32.00	959.37	945.55	957.55	12.00				
69							958.00	980.00	22	528
	70	26+56.00	959.73	945.55	957.55	12.00				
70							958.00	981.00	23	552
	71	26+80.00	960.14	945.55	957.55	12.00				
71							958.00	981.00	23	552
	72	27+04.00	960.60	945.55	957.55	12.00				
72							960.00	982.00	22	528
	73	27+28.00	961.04	947.55	959.55	12.00				
73							960.00	982.00	22	528
	74	27+52.00	961.46	947.55	959.55	12.00				
74							960.00	983.00	23	552
	75	27+76.00	961.88	947.55	959.55	12.00				
75							960.00	983.00	23	552
	76	28+00.00	962.43	947.55	959.55	12.00				
76							961.50	983.50	22	528
	77	28+24.00	962.96	947.55	961.05	13.50				
77							961.50	984.50	23	552
	78	28+48.00	963.78	947.55	961.05	13.50				
78							962.50	985.50	23	552
	79	28+72.00	964.56	948.55	962.05	13.50				
79							962.50	985.50	23	552
	80	28+96.00	965.07	948.55	962.05	13.50				
80							964.50	986.50	22	528
	81	29+20.00	965.49	950.55	964.05	13.50				
81							964.50	986.50	22	528
	82	29+44.00	966.05	950.55	964.05	13.50				
82							964.50	987.50	23	552
	83	29+68.00	966.59	950.55	964.05	13.50				
83							964.50	987.50	23	552
	84	29+92.00	966.94	950.55	964.05	13.50				
84							966.00	987.00	21	504
	85	30+16.00	967.05	954.55	965.55	11.00				
85							966.00	986.00	20	480
	86	30+40.00	967.34	954.55	965.55	11.00				
86							966.00	985.00	19	456
	87	30+64.00	967.79	954.55	965.55	11.00				
87							966.00	985.00	19	456
	88	30+88.00	968.30	954.55	965.55	11.00				
88							967.50	985.50	18	432
	89	31+12.00	968.65	956.05	967.05	11.00				
89							967.50	985.50	18	432
	90	31+36.00	968.97	956.05	967.05	11.00				
90							967.50	986.50	19	456
	91	31+60.00	969.41	956.05	967.05	11.00				
91							967.50	986.50	19	456
	92	31+84.00	969.95	956.05	967.05	11.00				
92							969.50	987.50	18	432
	93	32+08.00	970.72	958.05	969.05	11.00				
93							969.50	987.50	18	432

NOISE WALL J1 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
34	78

SHEET	TOTAL
P.1253	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 13 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:12 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	94	32+32.00	971.28	963.05	969.05	6.00				
94							969.50	988.50	19	456
	95	32+56.00	971.83	963.05	969.05	6.00				
95							969.50	988.50	19	456
	96	32+80.00	972.31	963.05	969.05	6.00				
96							971.50	989.50	18	432
	97	33+04.00	972.90	965.05	971.05	6.00				
97							971.50	989.50	18	432
	98	33+28.00	973.31	965.05	971.05	6.00				
98							971.50	990.50	19	456
	99	33+52.00	973.85	965.05	971.05	6.00				
99							971.50	990.50	19	456
	100	33+76.00	974.47	965.05	971.05	6.00				
100							973.50	991.50	18	432
	101	34+00.00	975.00	967.05	973.05	6.00				
101							973.50	991.50	18	432
	102	34+24.00	975.51	963.05	973.05	10.00				
102							973.50	992.50	19	456
	103	34+48.00	975.98	963.05	973.05	10.00				
103							973.50	992.50	19	456
	104	34+72.00	976.41	963.05	973.05	10.00				
104							975.50	993.50	18	432
	105	34+96.00	977.00	965.05	975.05	10.00				
105							975.50	994.50	19	456
	106	35+20.00	977.62	965.05	975.05	10.00				
106							975.50	994.50	19	456
	107	35+44.00	978.10	965.05	975.05	10.00				
107							975.50	995.50	20	480
	108	35+68.00	978.63	965.05	975.05	10.00				
108							978.00	996.00	18	432
	109	35+92.00	978.76	967.55	977.55	10.00				
109							978.00	996.00	18	432
	110	36+16.00	978.81	971.55	977.55	6.00				
110							978.00	996.00	18	432
	111	36+40.00	978.91	971.55	977.55	6.00				
111							978.00	996.00	18	432
	112	36+64.00	978.92	971.55	977.55	6.00				
112							978.00	996.00	18	432
	113	36+88.00	978.97	971.55	977.55	6.00				
113							978.00	996.00	18	432
	114	37+12.00	979.13	971.55	977.55	6.00				
114							978.00	996.00	18	432
	115	37+36.00	979.51	971.55	977.55	6.00				
115							978.00	996.00	18	432
	116	37+60.00	979.92	971.55	977.55	6.00				
116							978.00	996.00	18	432
	117	37+84.00	980.24	971.55	977.55	6.00				
117							978.00	996.00	18	432
	118	38+08.00	981.72	967.55	977.55	10.00				
118							980.00	996.00	16	384
	119	38+32.00	982.07	969.55	979.55	10.00				
119							980.00	995.00	15	360
	120	38+56.00	980.91	969.55	979.55	10.00				
120							980.00	995.00	15	360
	121	38+80.00	981.21	969.55	979.55	10.00				
121							980.00	994.00	14	336
	122	39+04.00	981.39	969.55	979.55	10.00				
122							980.00	994.00	14	336
	123	39+28.00	981.32	969.55	979.55	10.00				
123							980.00	994.00	14	336
	124	39+52.00	981.27	969.55	979.55	10.00				
124							980.00	994.00	14	336

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	125	39+76.00	981.44	969.55	979.55	10.00				
125							980.00	994.00	14	336
	126	40+00.00	981.60	969.55	979.55	10.00				
126							980.00	994.00	14	336
	127	40+24.00	981.64	972.05	979.55	7.50				
127							980.00	994.00	14	336
	128	40+48.00	981.71	972.05	979.55	7.50				
128							980.00	994.00	14	336
	129	40+72.00	981.65	972.05	979.55	7.50				
129							980.00	994.00	14	336
	130	40+96.00	981.55	972.05	979.55	7.50				
130							980.00	994.00	14	336
	131	41+20.00	981.49	972.05	979.55	7.50				
131							980.00	994.00	14	336
	132	41+44.00	981.51	972.05	979.55	7.50				
132							980.00	994.00	14	336
	133	41+68.00	981.68	972.05	979.55	7.50				
133							980.00	994.00	14	336
	134	41+92.00	981.67	972.05	979.55	7.50				
134							980.00	994.00	14	336
	135	42+16.00	981.83	973.55	979.55	6.00				
135							980.00	995.00	15	360
	136	42+40.00	982.01	973.55	979.55	6.00				
136							980.00	995.00	15	360
	137	42+64.00	982.38	973.55	979.55	6.00				
137							981.00	996.00	15	360
	138	42+88.00	982.72	974.55	980.55	6.00				
138							981.00	996.00	15	360
	139	43+12.00	983.17	974.55	980.55	6.00				
139							981.00	996.00	15	360
	140	43+36.00	983.54	974.55	980.55	6.00				
140							981.00	997.00	16	384
	141	43+60.00	983.91	974.55	980.55	6.00				
141							981.00	997.00	16	384
	142	43+84.00	984.23	974.55	980.55	6.00				
142							981.00	997.00	16	384
	143	44+08.00	984.44	970.55	980.55	10.00				
143							983.00	998.00	15	360
	144	44+32.00	984.73	972.55	982.55	10.00				
144							983.00	998.00	15	360
	145	44+56.00	984.95	972.55	982.55	10.00				
145							983.00	998.00	15	360
	146	44+80.00	985.22	972.55	982.55	10.00				
146							983.00	999.00	16	384
	147	45+04.00	985.64	972.55	982.55	10.00				
147							983.00	999.00	16	384
	148	45+28.00	986.03	972.55	982.55	10.00				
148							983.00	999.00	16	384
	149	45+52.00	986.28	972.55	982.55	10.00				
149							985.50	999.50	14	336
	150	45+76.00	986.36	975.05	985.05	10.00				
150							985.50	999.50	14	336
	151	46+00.00	986.54	975.05	985.05	10.00				
151							985.50	999.50	14	336
	152	46+24.00	986.71	975.05	985.05	10.00				
152							985.50	1,000.50	15	360
	153	46+48.00	987.10	975.05	985.05	10.00				
153							985.50	1,000.50	15	360
	154	46+72.00	987.67	975.05	985.05	10.00				
154							985.50	1,000.50	15	360
	155	46+96.00	988.19	975.05	985.05	10.00				
155							987.50	1,001.50	14	336

NOISE WALL J1 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN
0

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
35	78

SHEET	TOTAL
P.1254	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet - 14 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:29:13 PM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\Walls\Sheets\96808_Walls_WS001.dgn

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J1 SUBSUMMARY										
	156	47+20.00	988.78	977.05	987.05	10.00				
156							987.50	1,002.50	15	360
	157	47+44.00	989.32	977.05	987.05	10.00				
157							987.50	1,002.50	15	360
	158	47+68.00	989.94	977.05	987.05	10.00				
158							987.50	1,003.50	16	384
	159	47+92.00	990.58	977.05	987.05	10.00				
159							989.50	1,003.50	14	336
	160	48+16.00	991.17	979.05	989.05	10.00				
160							989.50	1,004.50	15	360
	161	48+40.00	991.81	979.05	989.05	10.00				
161							989.50	1,004.50	15	360
	162	48+64.00	992.53	979.05	989.05	10.00				
162							991.50	1,005.50	14	336
	163	48+88.00	993.29	981.05	991.05	10.00				
163							991.50	1,006.50	15	360
	164	49+12.00	993.56	981.05	991.05	10.00				
164							991.50	1,006.50	15	360
	165	49+36.00	993.61	981.05	991.05	10.00				
165							991.50	1,006.50	15	360
	166	49+60.00	993.03	981.05	991.05	10.00				
166							991.50	1,006.50	15	360
	167	49+84.00	992.63	979.55	989.55	10.00				
167							990.50	1,006.50	16	384
	168	50+08.00	992.35	979.55	989.55	10.00				
168							990.50	1,006.50	16	384
	169	50+32.00	992.07	979.55	989.55	10.00				
169							990.50	1,006.50	16	384
	170	50+56.00	991.71	979.55	989.55	10.00				
170							990.00	1,006.00	16	384
	171	50+80.00	991.45	979.55	989.55	10.00				
171							990.00	1,006.00	16	384
	172	51+04.00	991.55	979.55	989.55	10.00				
172							990.00	1,006.00	16	384
	173	51+28.00	991.60	979.55	989.55	10.00				
173							990.00	1,006.00	16	384
	174	51+52.00	991.66	979.55	989.55	10.00				
174							990.00	1,006.00	16	384
	175	51+76.00	991.61	979.55	989.55	10.00				
175							990.00	1,006.00	16	384
	176	52+00.00	991.65	979.55	989.55	10.00				
176							990.00	1,006.00	16	384
	177	52+24.00	991.74	979.69	989.69	10.00				

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J2 SUBSUMMARY										
	1	10+00.00	993.29	982.26	992.26	10.00				
1							992.50	1,008.50	16	384
	2	10+24.00	993.51	982.19	992.19	10.00				
2							992.50	1,008.50	16	384
	3	10+48.00	993.74	982.19	992.19	10.00				
3							992.50	1,008.50	16	384
	4	10+72.00	993.97	982.19	992.19	10.00				
4							992.50	1,008.50	16	384

PLAN BAY ID NO.	DRILLED SHAFT ID NO.	NOISE BARRIER POST DRILLED SHAFT STATION	PROPOSED FINISHED GROUND ELEVATION	BOTTOM OF DRILLED SHAFT ELEVATION	TOP OF DRILLED SHAFT ELEVATION	DRILLED SHAFT DEPTH (FT)	BOTTOM OF BARRIER ELEVATION	TOP OF BARRIER ELEVATION	BARRIER HEIGHT (FT)	SPECIAL NOISE BARRIER (REFLECTIVE) (SF)
NOISE WALL J2 SUBSUMMARY										
	5	10+96.00	994.24	982.19	992.19	10.00				
5							993.50	1,009.50	16	384
	6	11+20.00	994.48	983.19	993.19	10.00				
6							993.50	1,009.50	16	384
	7	11+44.00	994.71	983.19	993.19	10.00				
7							993.50	1,009.50	16	384
	8	11+68.00	994.92	983.19	993.19	10.00				
8							993.50	1,009.50	16	384
	9	11+92.00	995.16	975.19	993.19	18.00				
9							994.50	1,010.50	16	384
	10	12+16.00	995.39	976.19	994.19	18.00				
10							994.50	1,010.50	16	384
	11	12+40.00	995.62	976.19	994.19	18.00				
11							994.50	1,010.50	16	384
	12	12+64.00	995.86	976.19	994.19	18.00				
12							994.50	1,010.50	16	384
	13	12+88.00	996.12	976.19	994.19	18.00				
13							995.50	1,011.50	16	384
	14	13+12.00	996.39	977.19	995.19	18.00				
14							995.50	1,011.50	16	384
	15	13+36.00	996.63	977.19	995.19	18.00				
15							995.50	1,011.50	16	384
	16	13+60.00	996.89	977.19	995.19	18.00				
16							995.50	1,011.50	16	384
	17	13+84.00	997.17	977.19	995.19	18.00				
17							996.50	1,010.50	14	336
	18	14+08.00	997.45	987.58	996.08	8.50				
18							996.50	1,010.50	14	336
	19	14+32.00	997.72	987.58	996.08	8.50				
19							996.50	1,010.50	14	336
	20	14+56.00	997.97	987.58	996.08	8.50				
20							996.50	1,011.50	15	360
	21	14+80.00	998.22	987.58	996.08	8.50				
21							996.50	1,011.50	15	360
	22	15+04.00	998.45	987.58	996.08	8.50				
22							996.50	1,011.50	15	360
	23	15+28.00	998.68	987.58	996.08	8.50				
23							998.00	1,012.00	14	336
	24	15+52.00	998.92	989.08	997.58	8.50				
24							998.00	1,012.00	14	336
	25	15+76.00	999.18	989.08	997.58	8.50				
25							998.00	1,012.00	14	336
	26	16+00.00	999.46	990.08	997.58	7.50				
26							998.00	1,013.00	15	360
	27	16+24.00	999.82	990.08	997.58	7.50				
27							998.00	1,013.00	15	360
	28	16+48.00	1,000.08	990.08	997.58	7.50				
28							998.00	1,013.00	15	360
	29	16+72.00	1,000.35	990.08	997.58	7.50				
29							999.50	1,012.50	13	312
	30	16+96.00	1,000.59	991.58	999.08	7.50				
30							999.50	1,012.50	13	312
	31	17+20.00	1,000.80	991.58	999.08	7.50				
31							999.50	1,012.50	13	312
	32	17+44.00	1,000.99	991.58	999.08	7.50				
32							999.50	1,012.50	13	312
	33	17+68.00	1,001.23	991.58	999.08	7.50				
33							999.50	1,012.50	13	312
	34	17+92.00	1,001.44	991.69	999.19	7.50				

NOISE WALL J1 & J2 SUBSUMMARY
NOISE WALLS A1, A2, A3, A4, A5, B1, B2, B3, C, F, J1, & J2
ALONG IR 70

SFN 0

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER DAS | CHECKER DTF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET 36 | TOTAL 78

SHEET P.1255 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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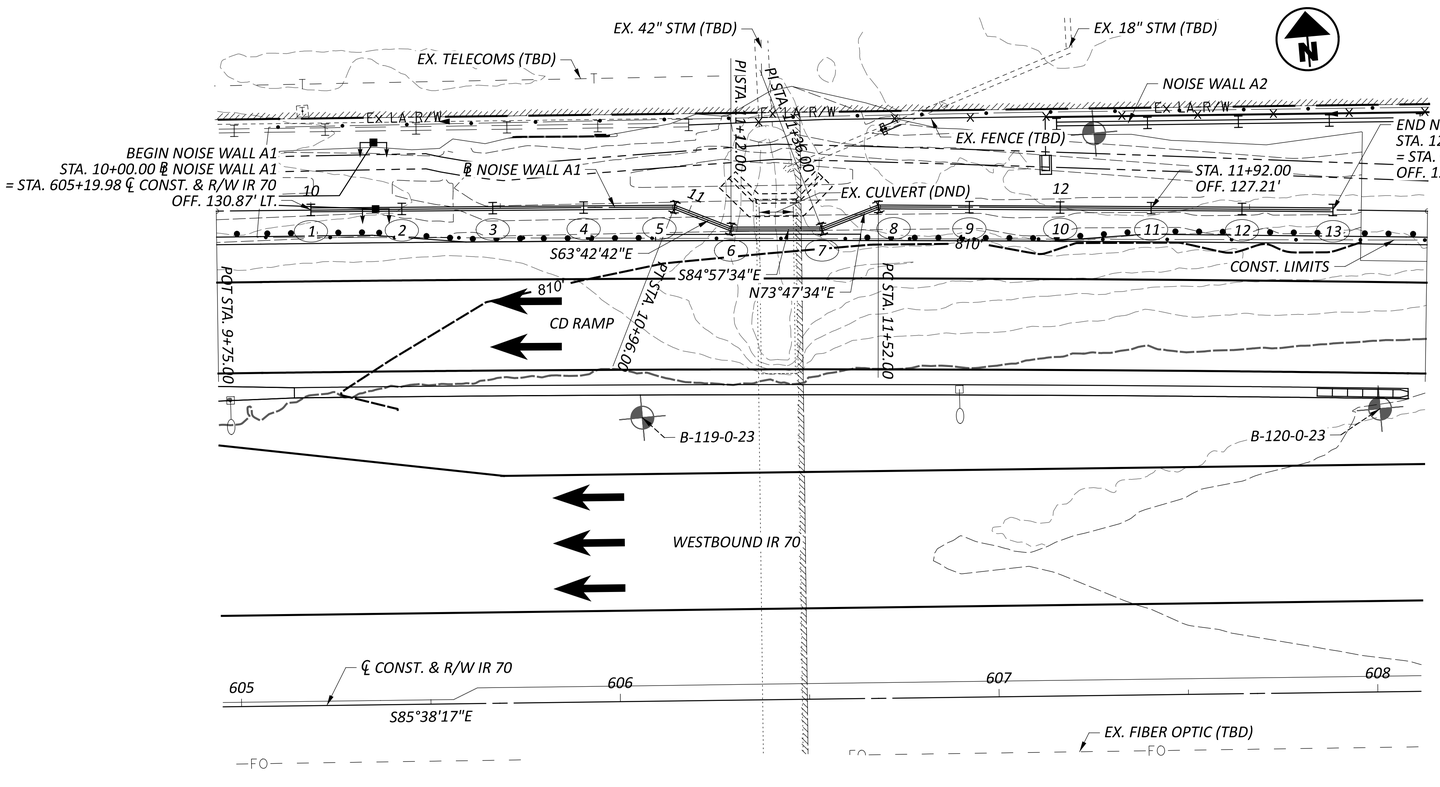

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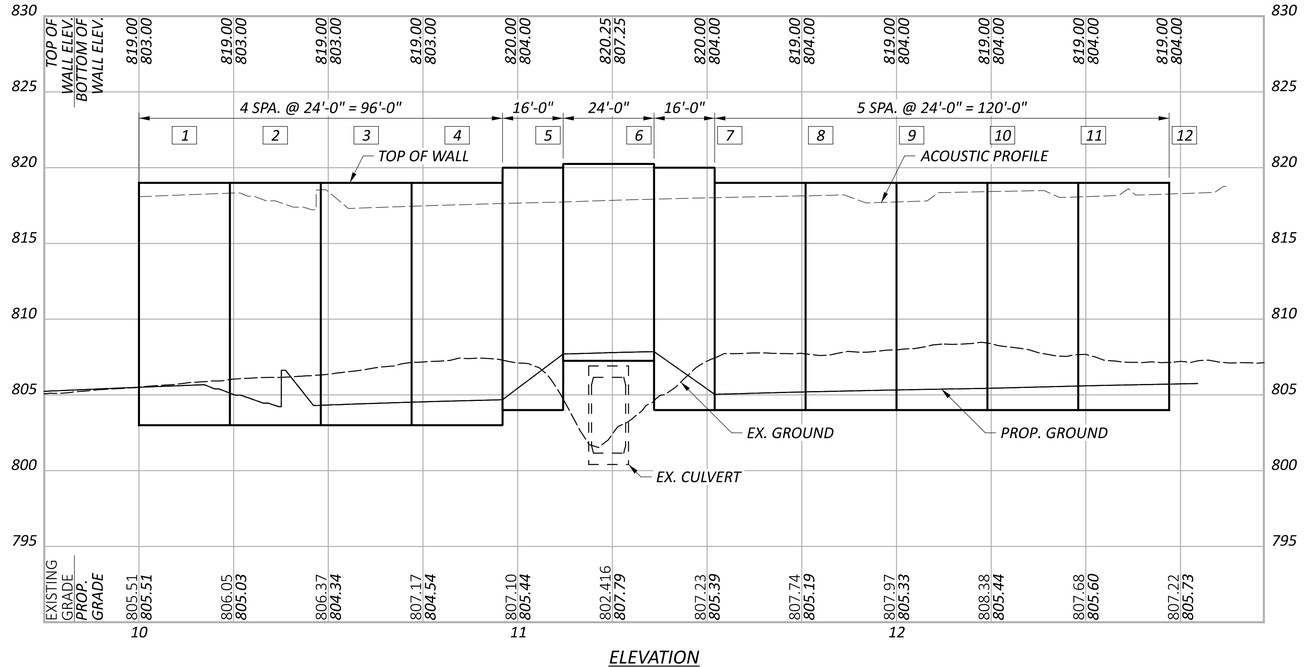

ELEVATION
ALONG ℄ NOISE WALL A1

NOISE WALL A1 CURVE 1
P.I. = STA. 10+35.50
Δ = 00°36'14" RT
Dc = 00°29'57"
R = 11,478.08'
T = 60.5'
L = 121'
E = 0.16'

NOISE WALL A1 CURVE 2
P.I. = STA. 12+24.50
Δ = 00°43'26" RT
Dc = 00°29'57"
R = 11,478.08'
T = 72.5'
L = 145'
E = 0.23'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78.

LEGEND

- SOIL BORING
- DRILLED SHAFT NUMBER
- PANEL NUMBER

NOISE WALL A1 PLAN AND PROFILE
NOISE WALL A1
ALONG IR 70

SFN 0

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
37	78

SHEET	TOTAL
P.1256	P.2024

FAI/LIC-70-0.00/0.00

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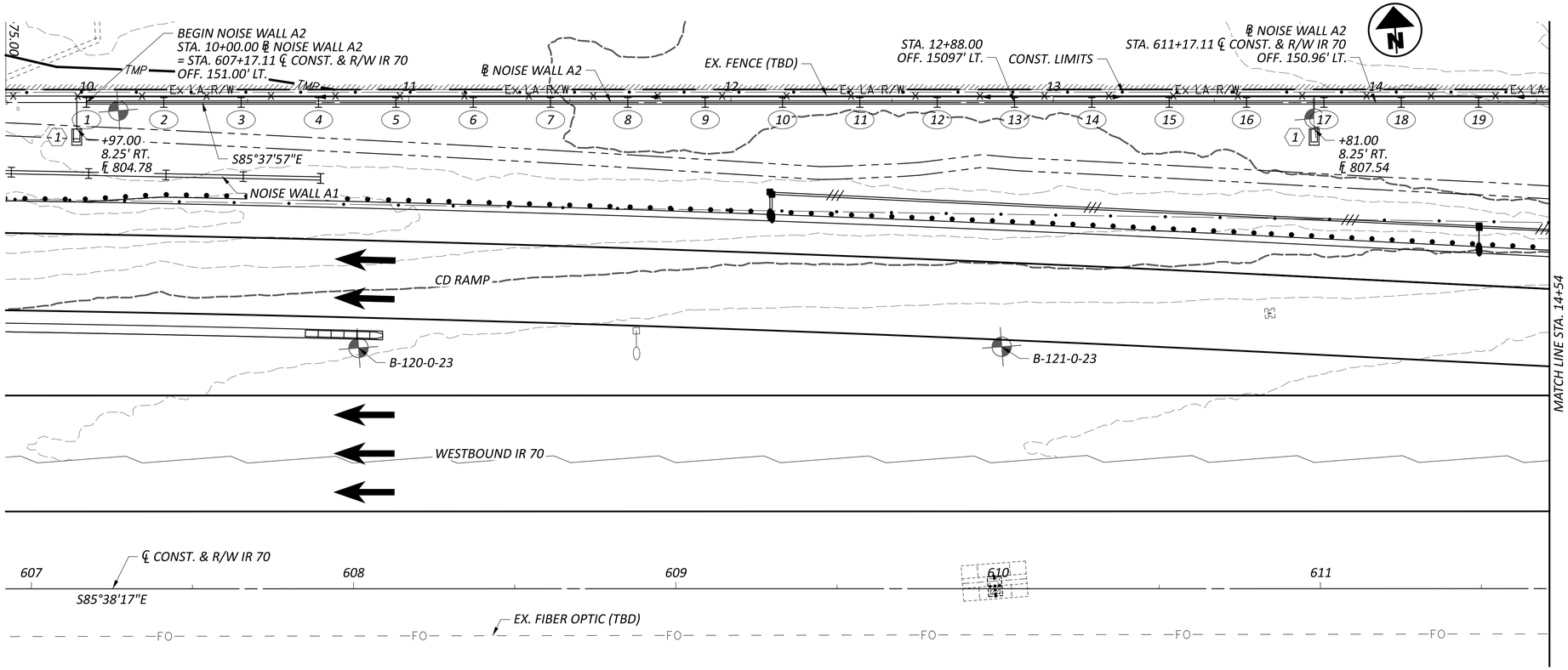
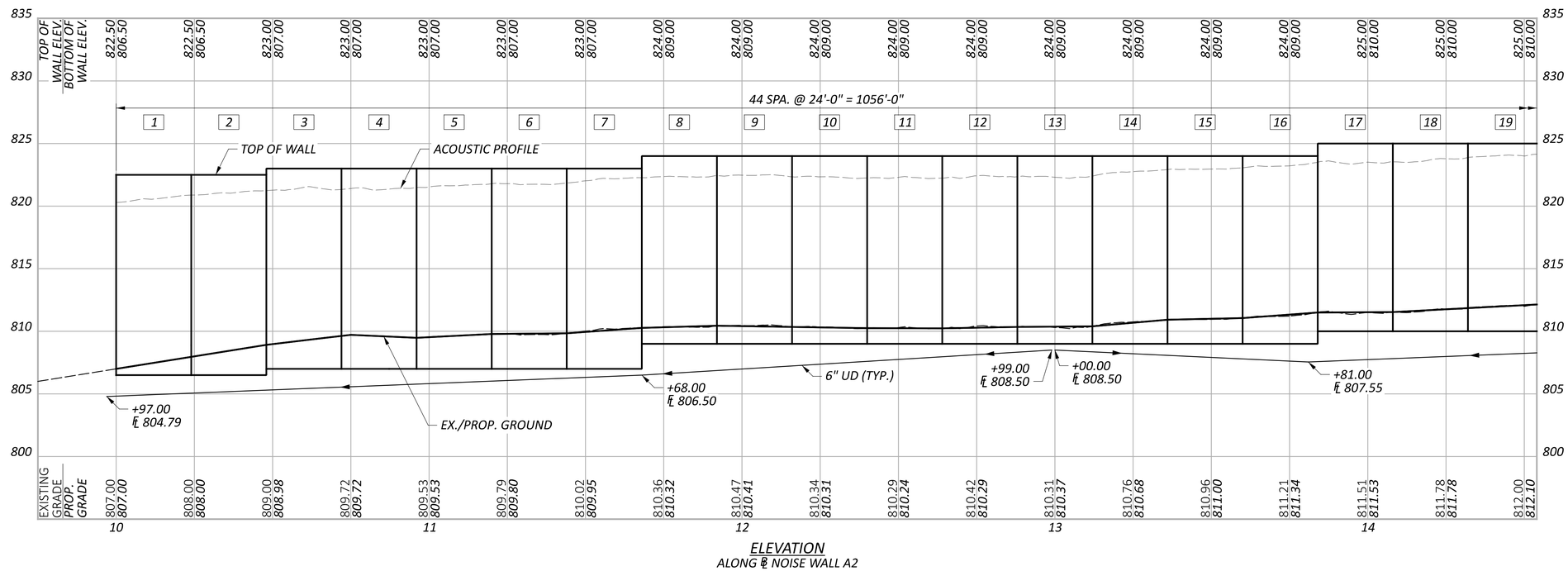


PLAN



ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 1
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	38
TOTAL	78
SHEET	P.1257
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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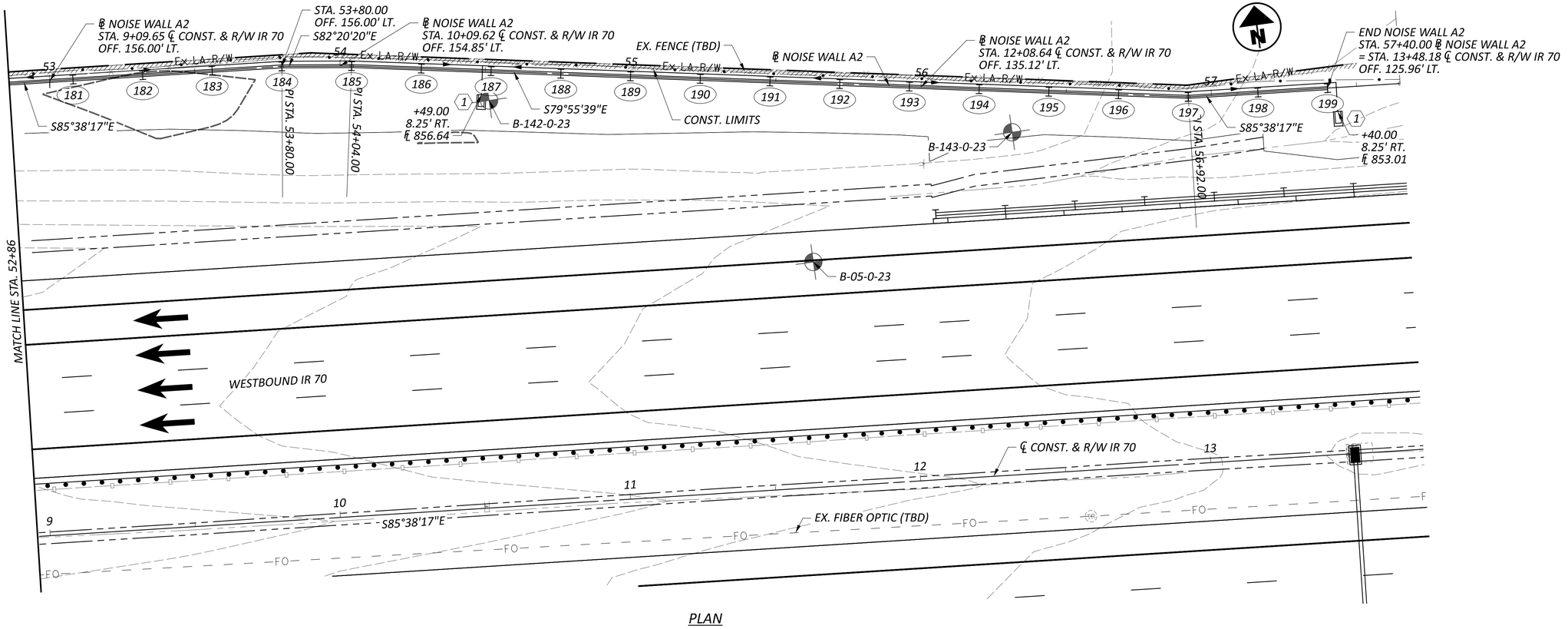

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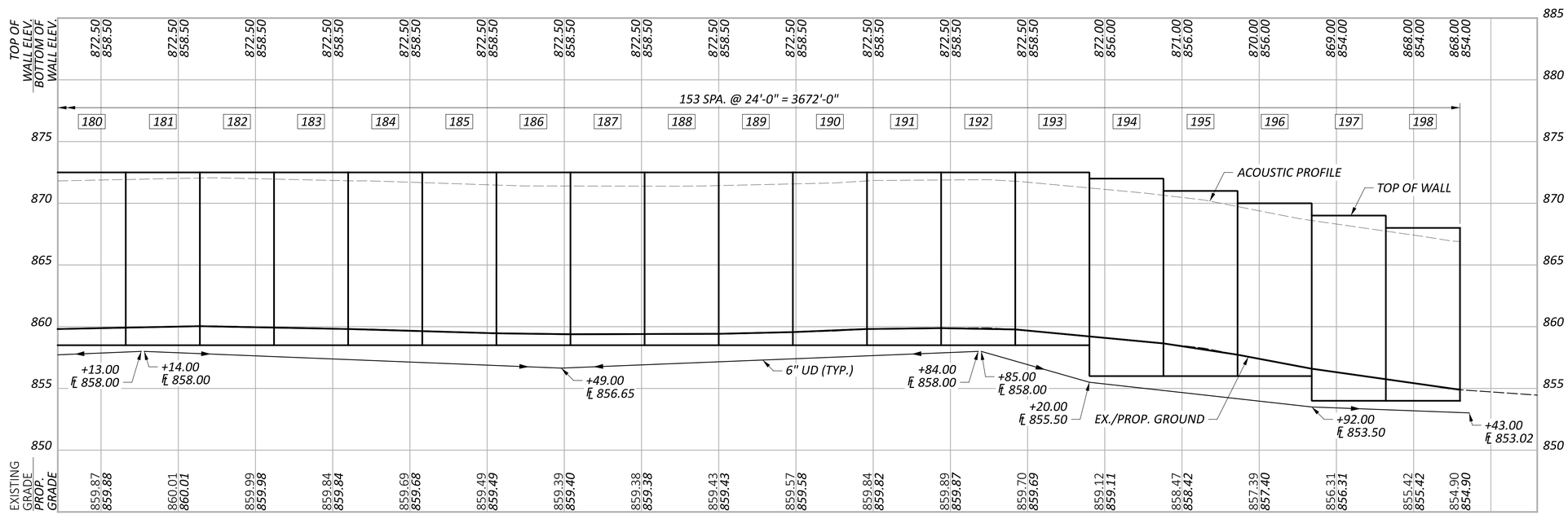

ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 10
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	47
TOTAL	78
SHEET	P.1266
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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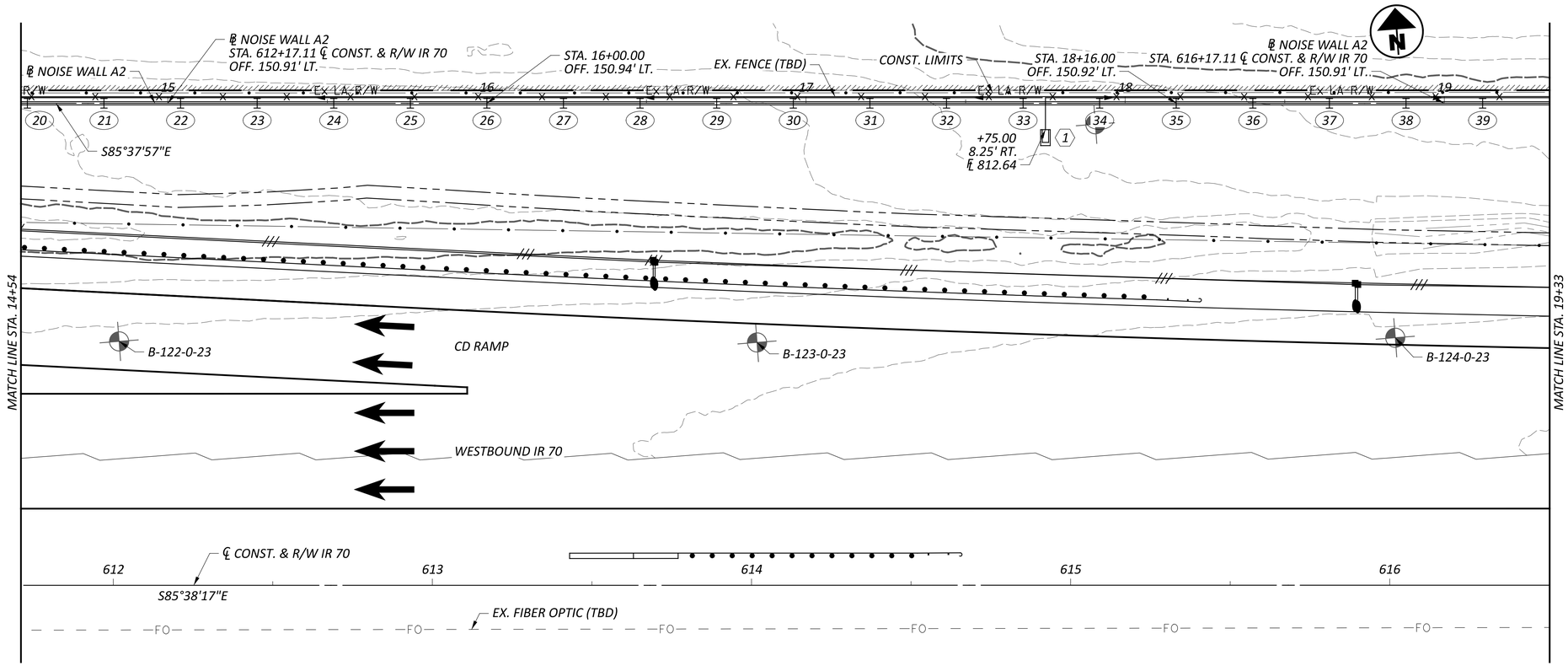
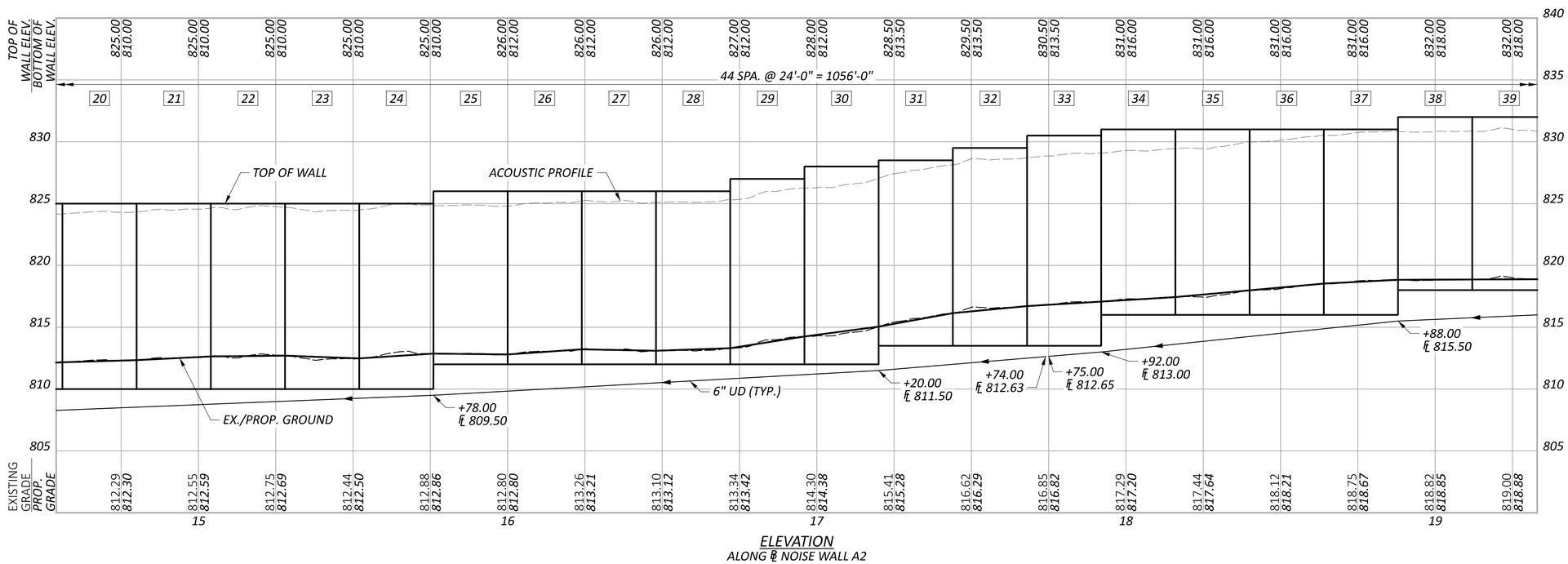


PLAN



ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 2
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	39
TOTAL	78
SHEET	P.1258
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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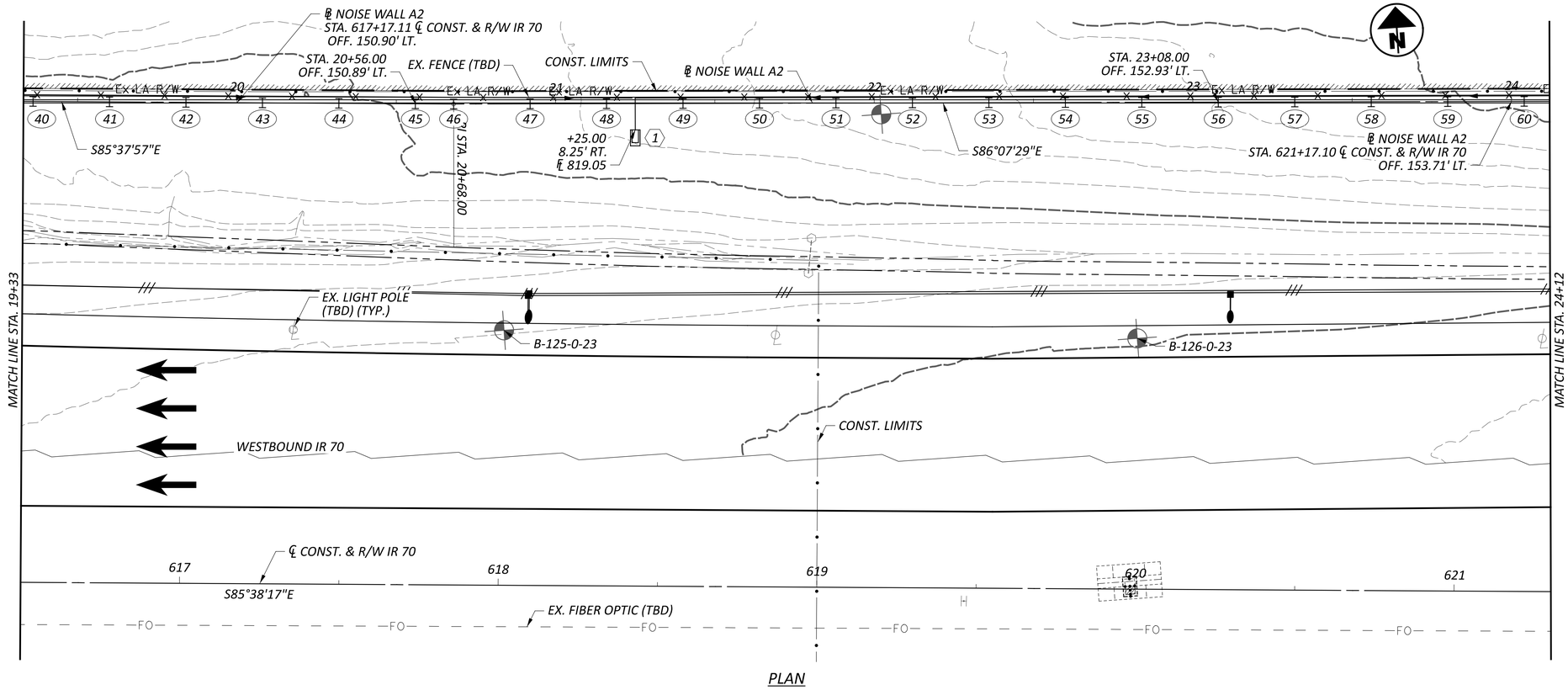

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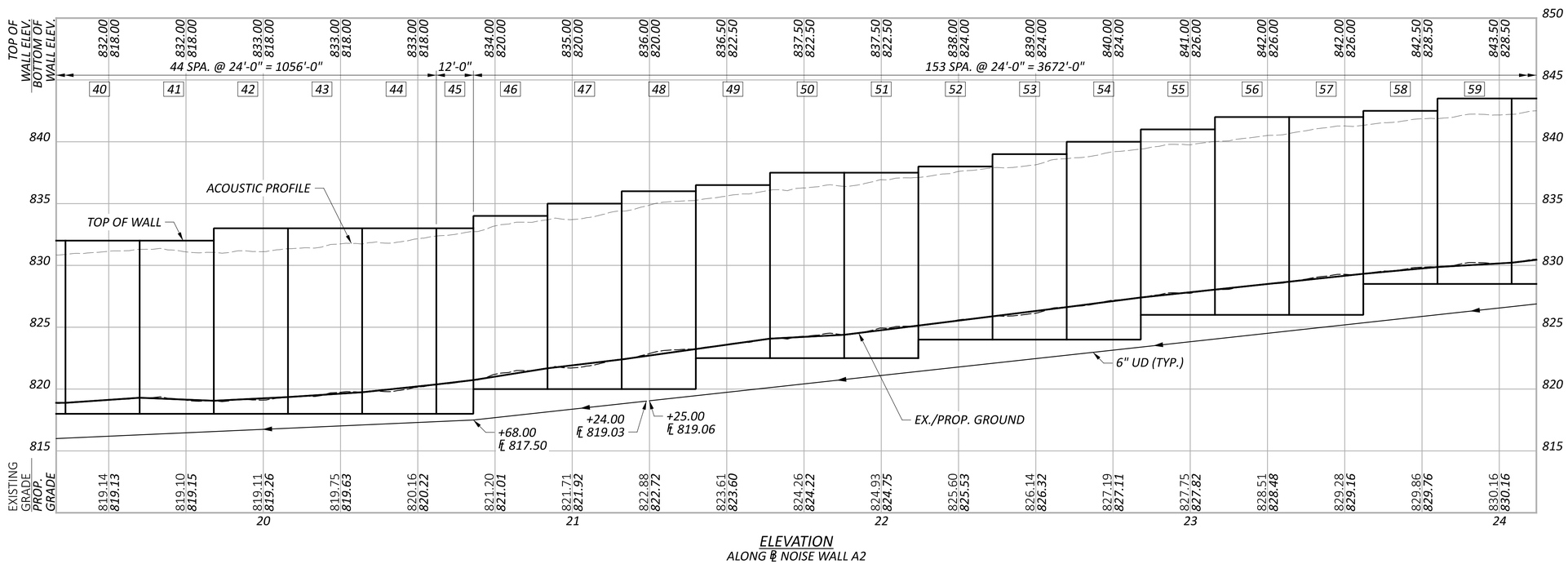

ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 3
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	40
TOTAL	78
SHEET	P.1259
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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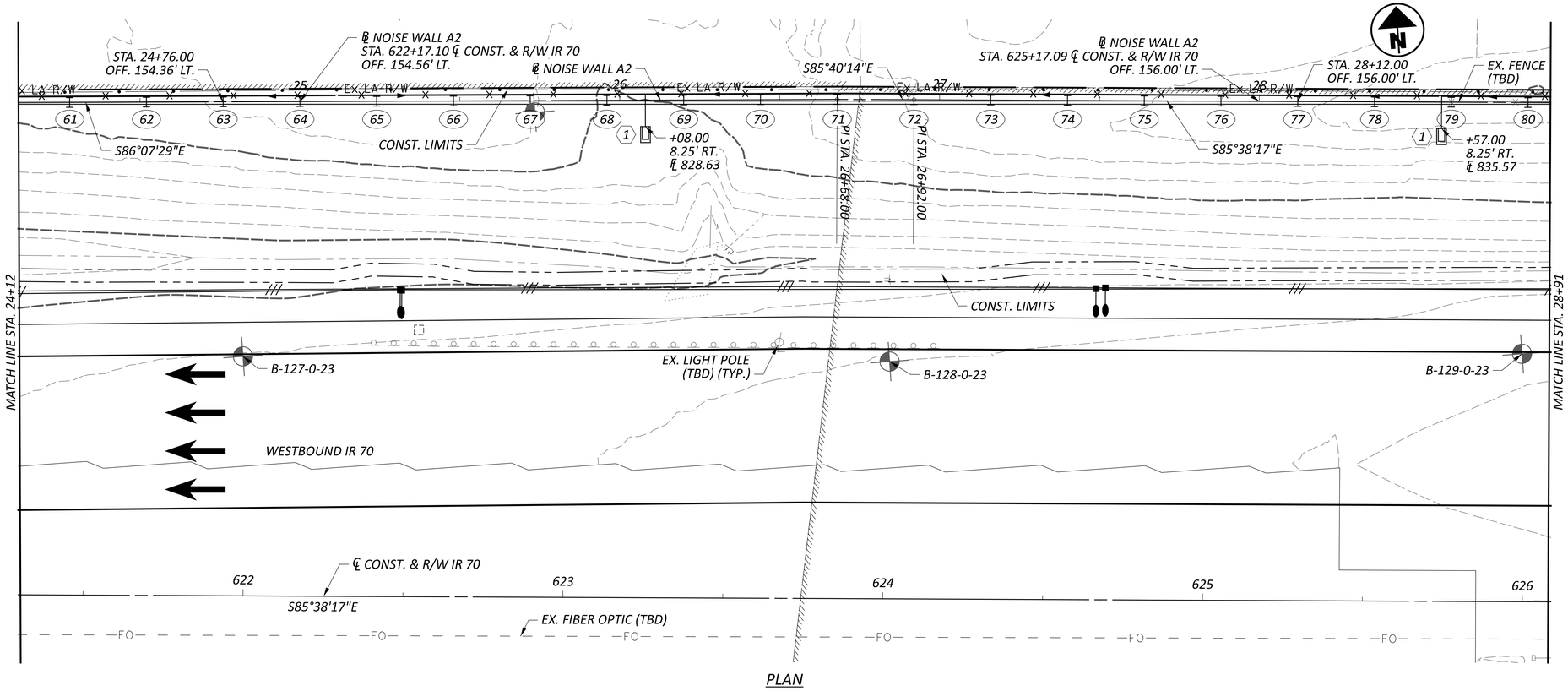

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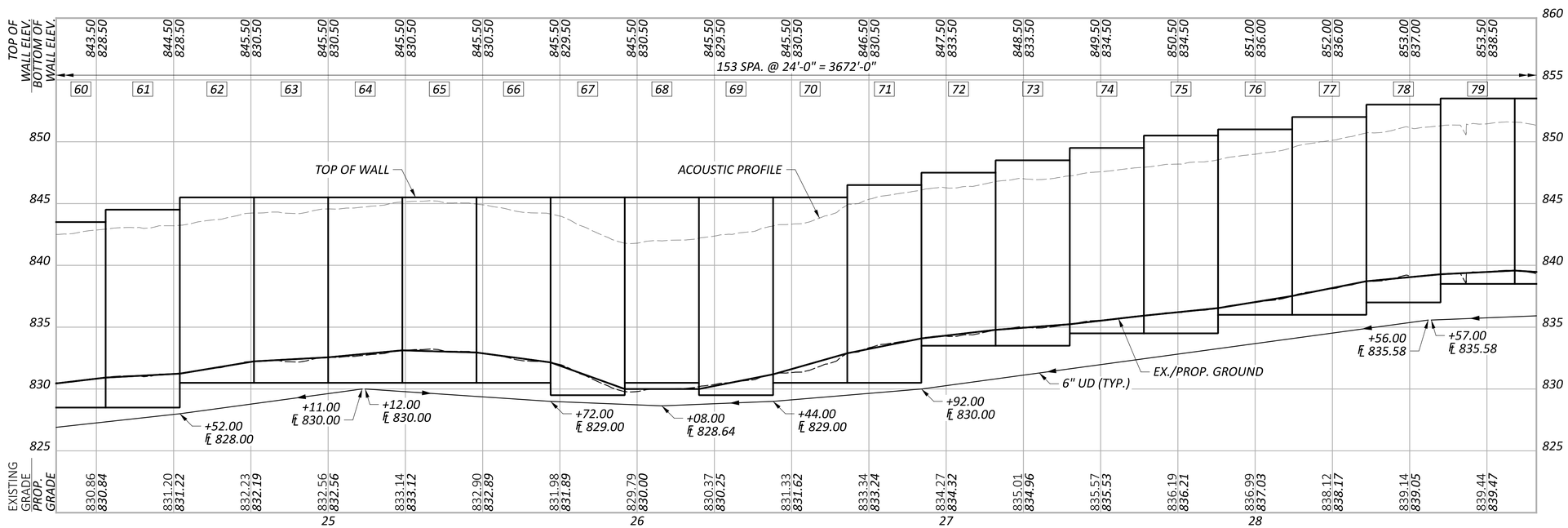

ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 4
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	41
TOTAL	78
SHEET	P.1260
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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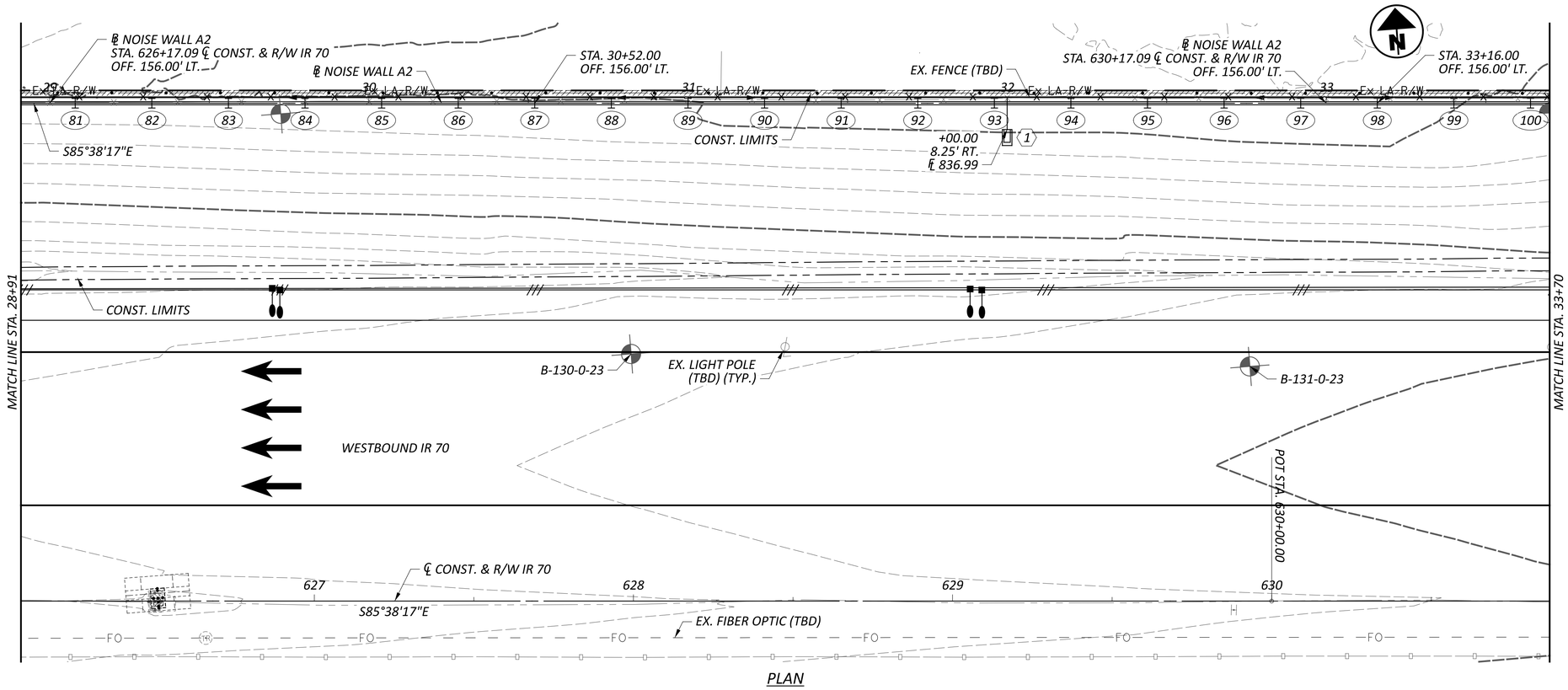

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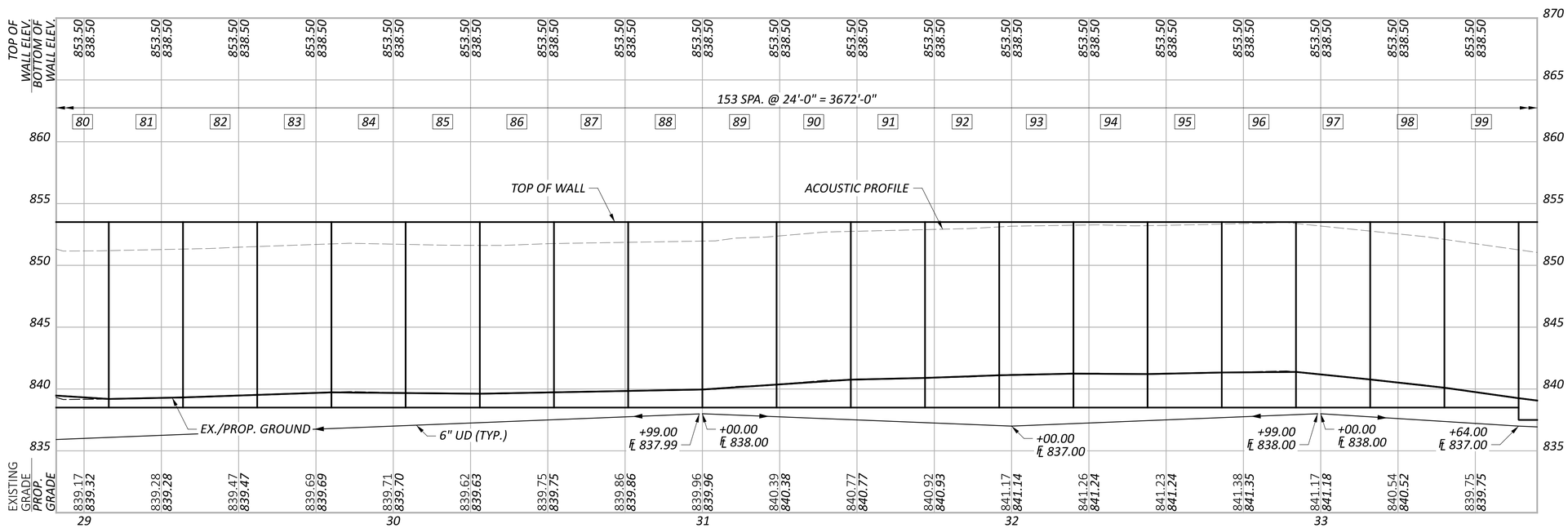

ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 5
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	42
TOTAL	78
SHEET	P.1261
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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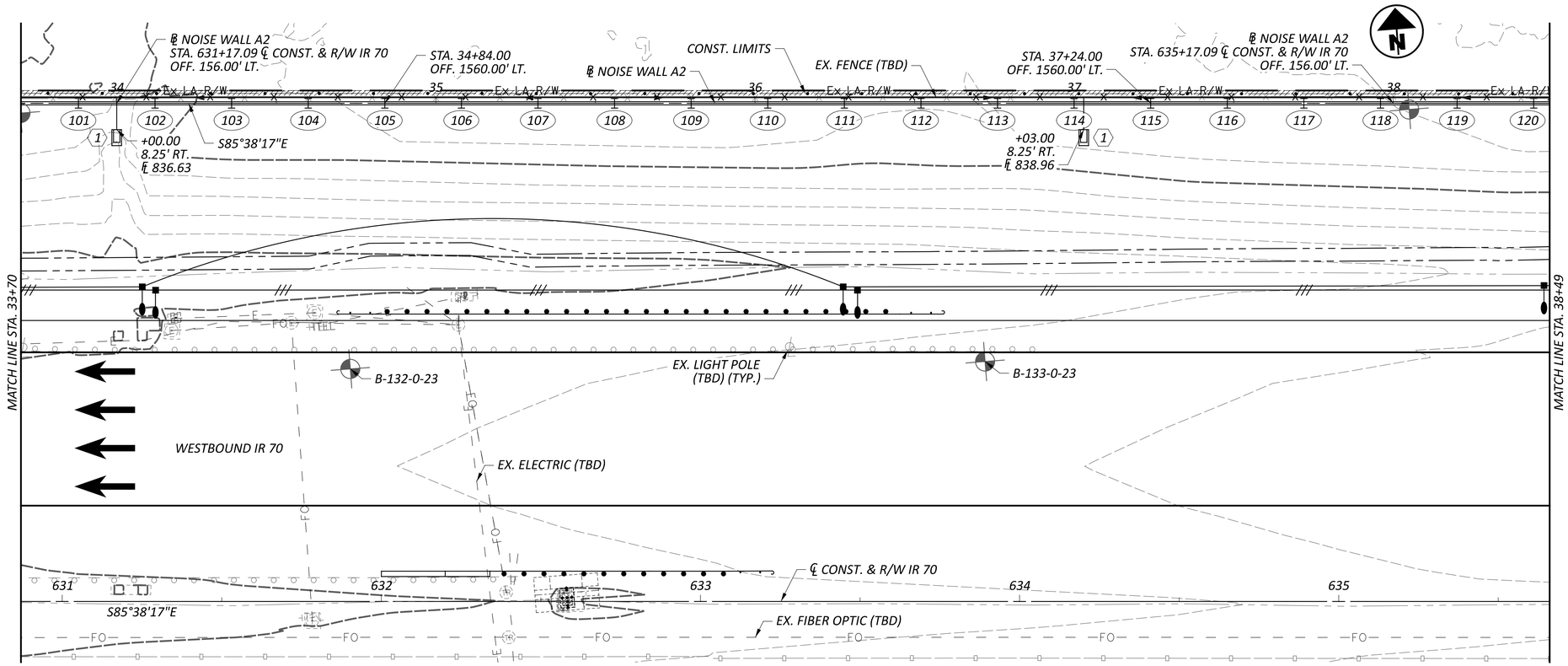

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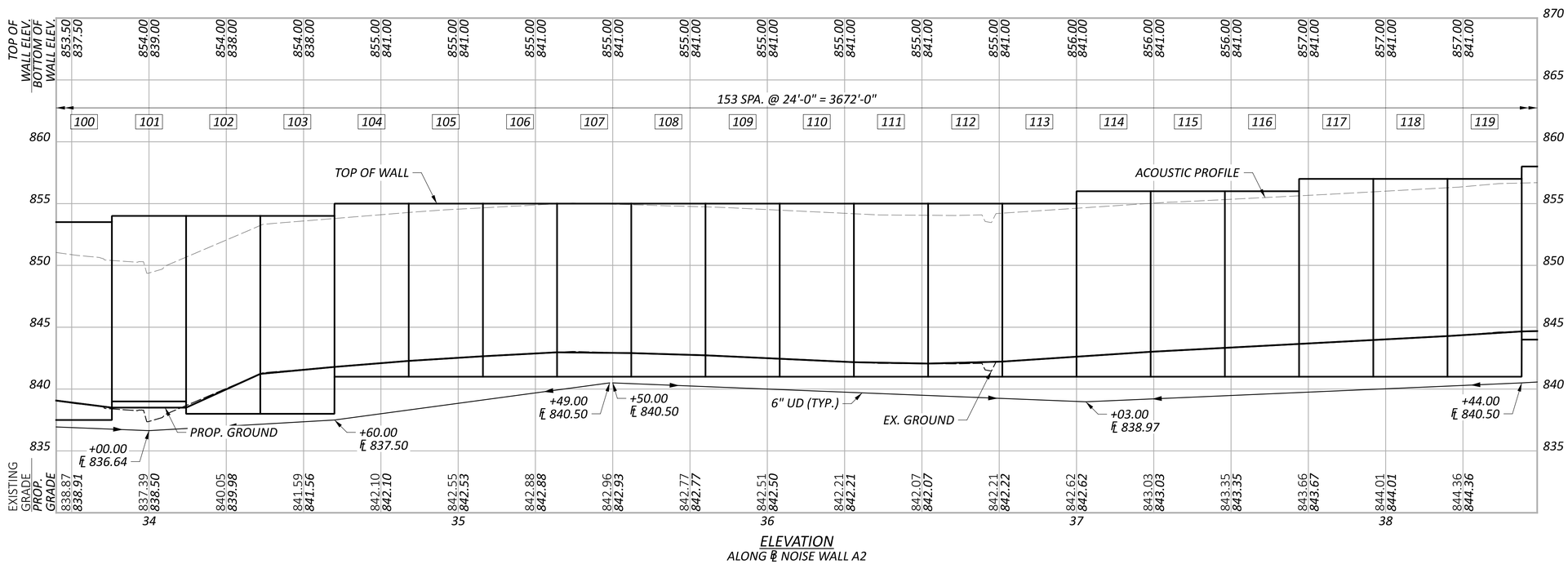

ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 6
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	43
TOTAL	78
SHEET	P.1262
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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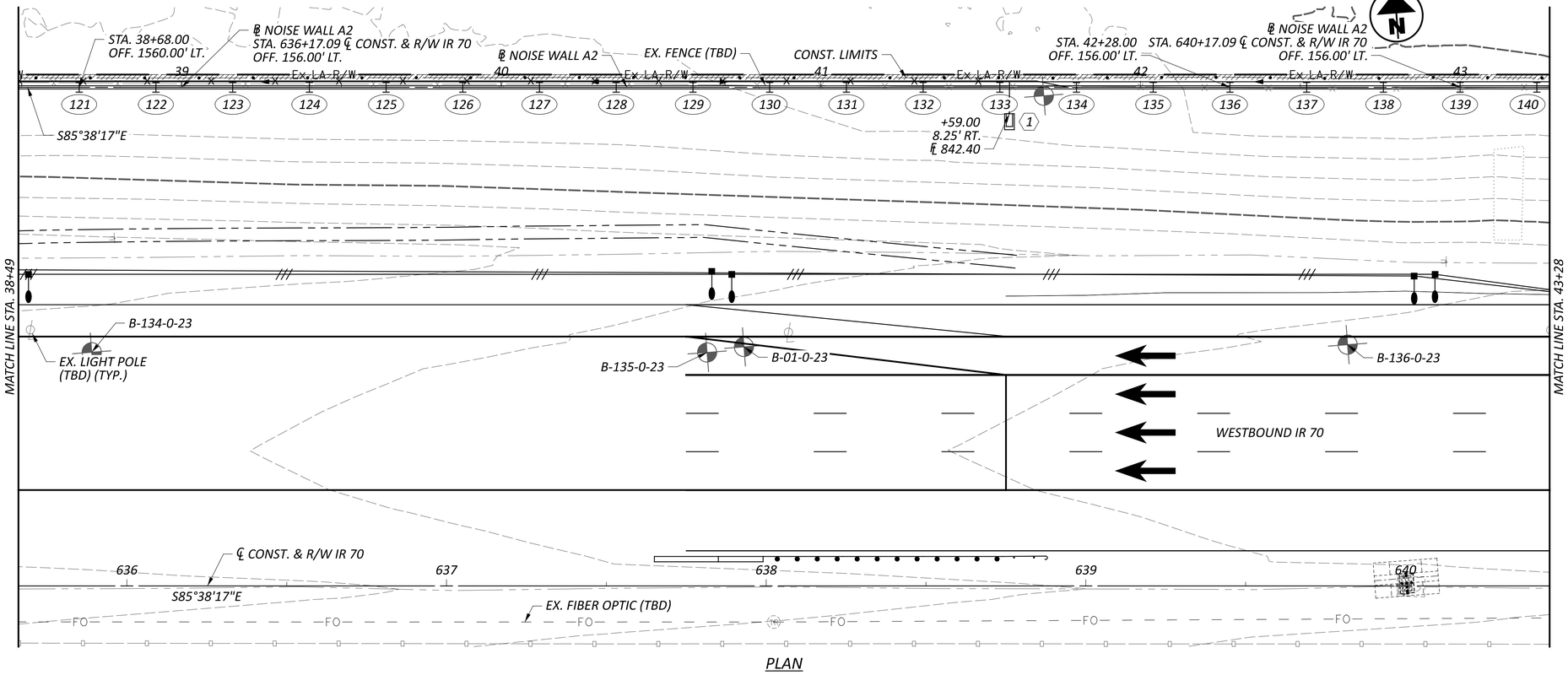
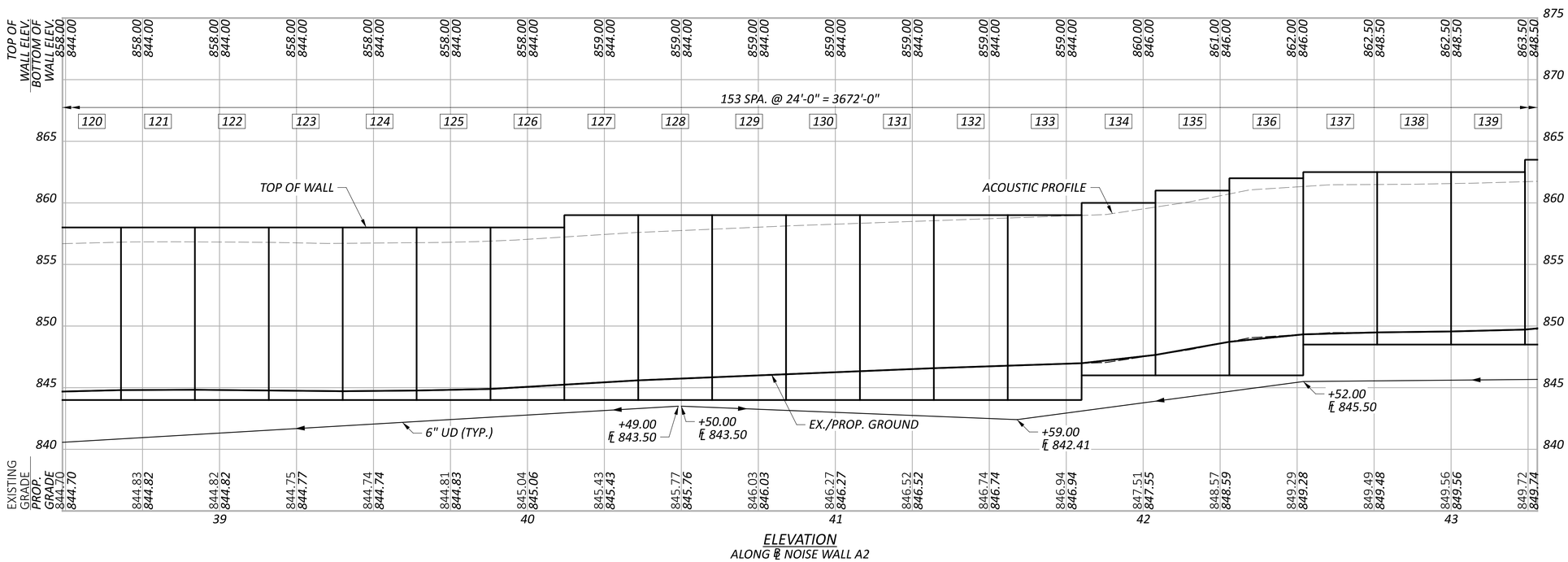


PLAN



ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 7
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	44
TOTAL	78
SHEET	P.1263
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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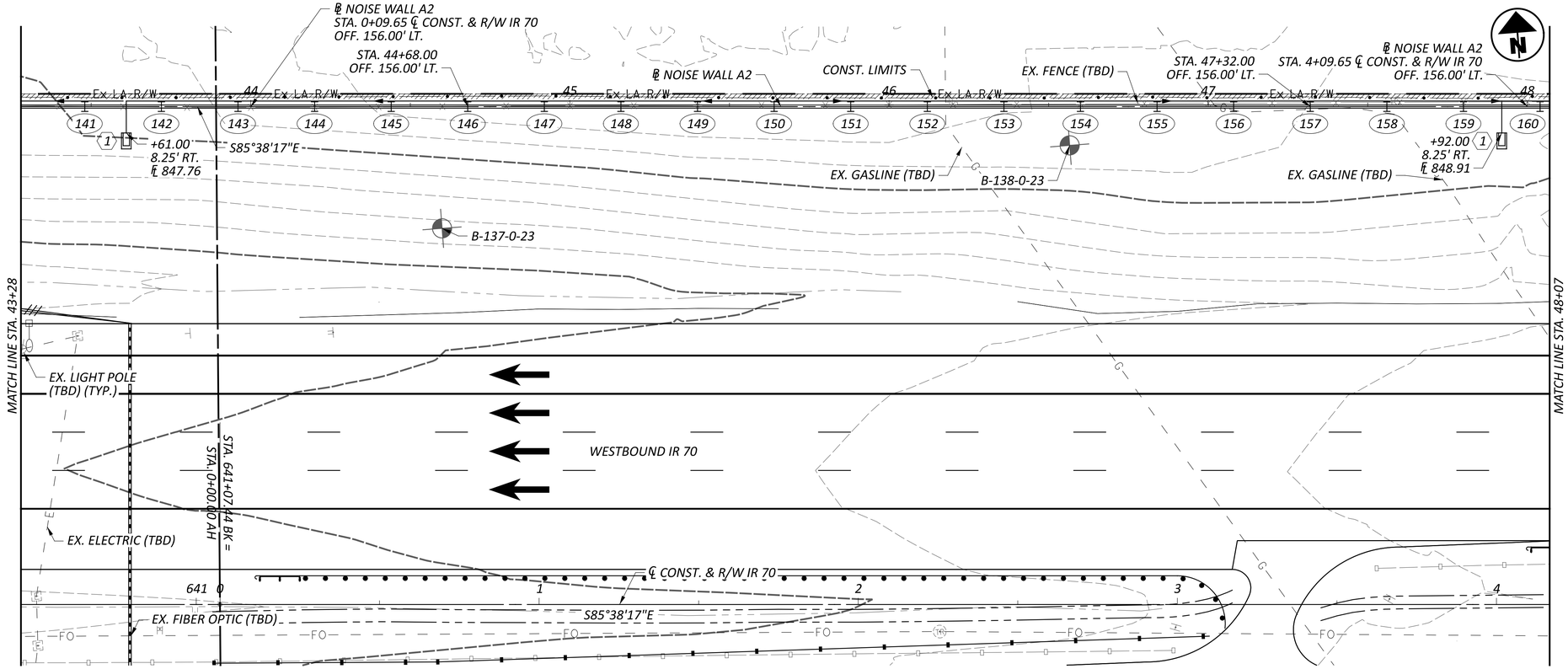
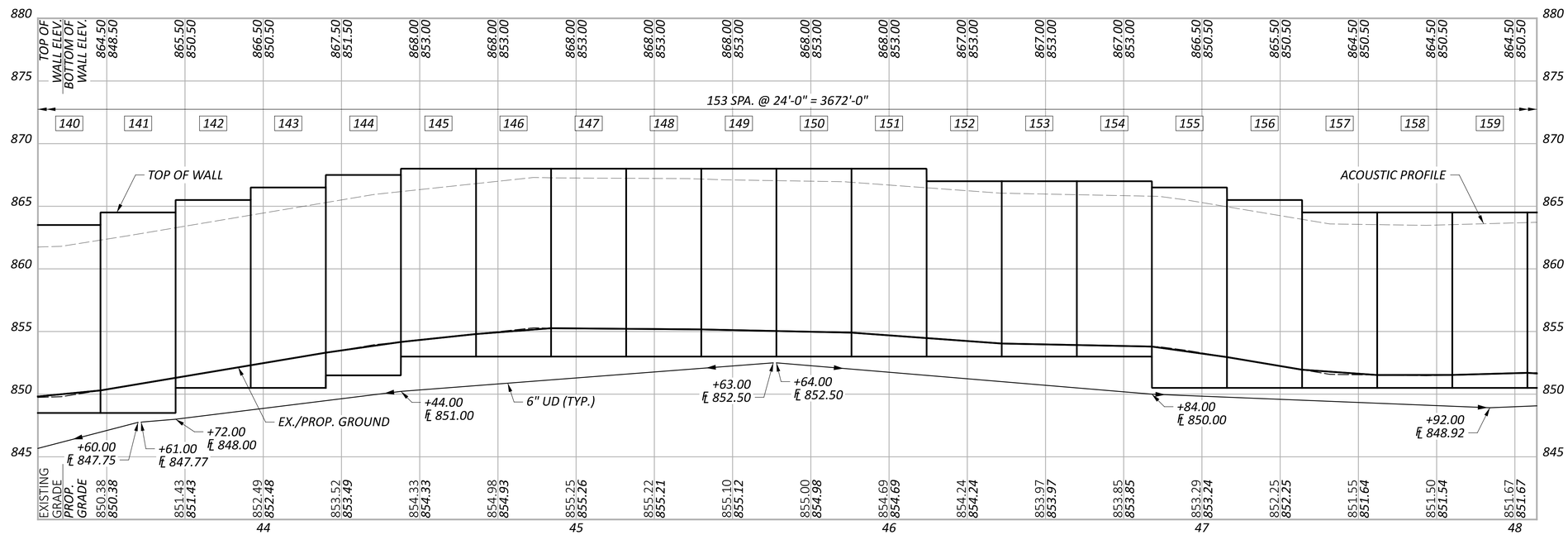


PLAN



ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 8
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	45
TOTAL	78
SHEET	P.1264
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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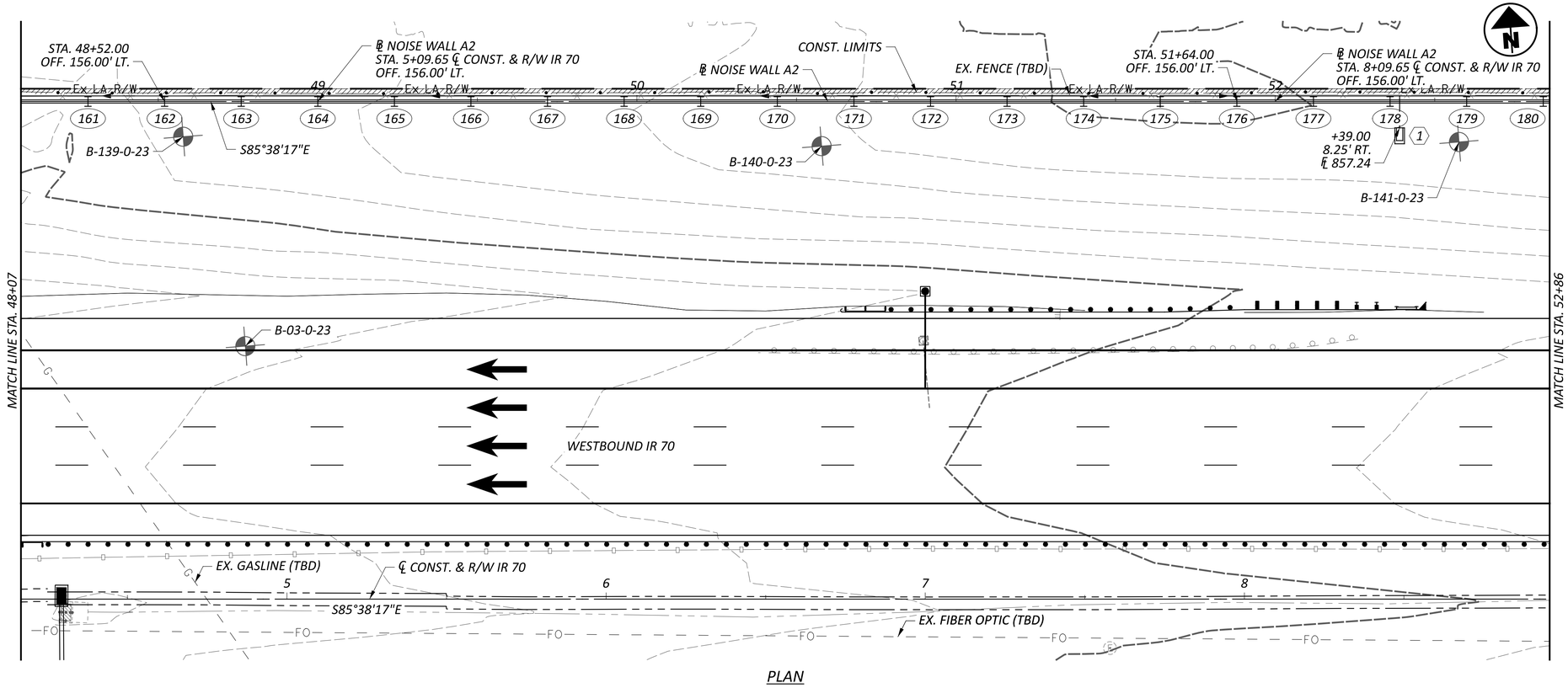
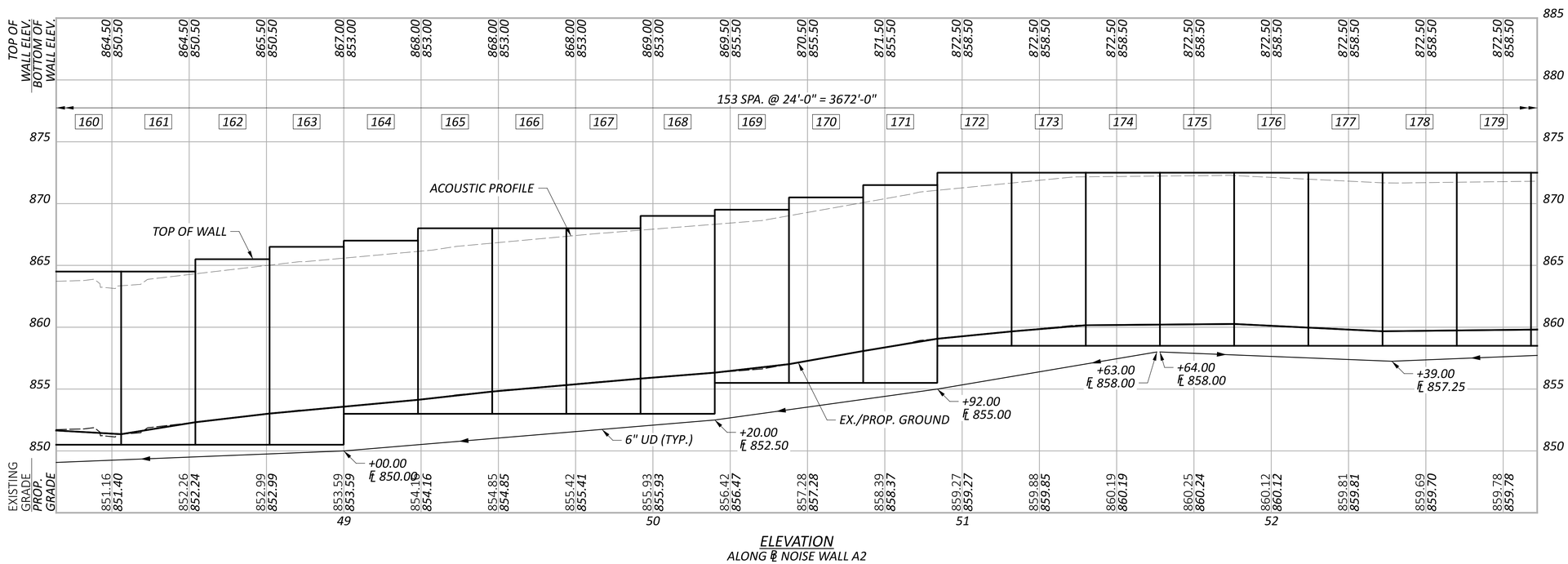


PLAN



ELEVATION
ALONG ℄ NOISE WALL A2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 22/78 THRU 25/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A2 PLAN AND PROFILE - 9
NOISE WALL A2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	46
TOTAL	78
SHEET	P.1265
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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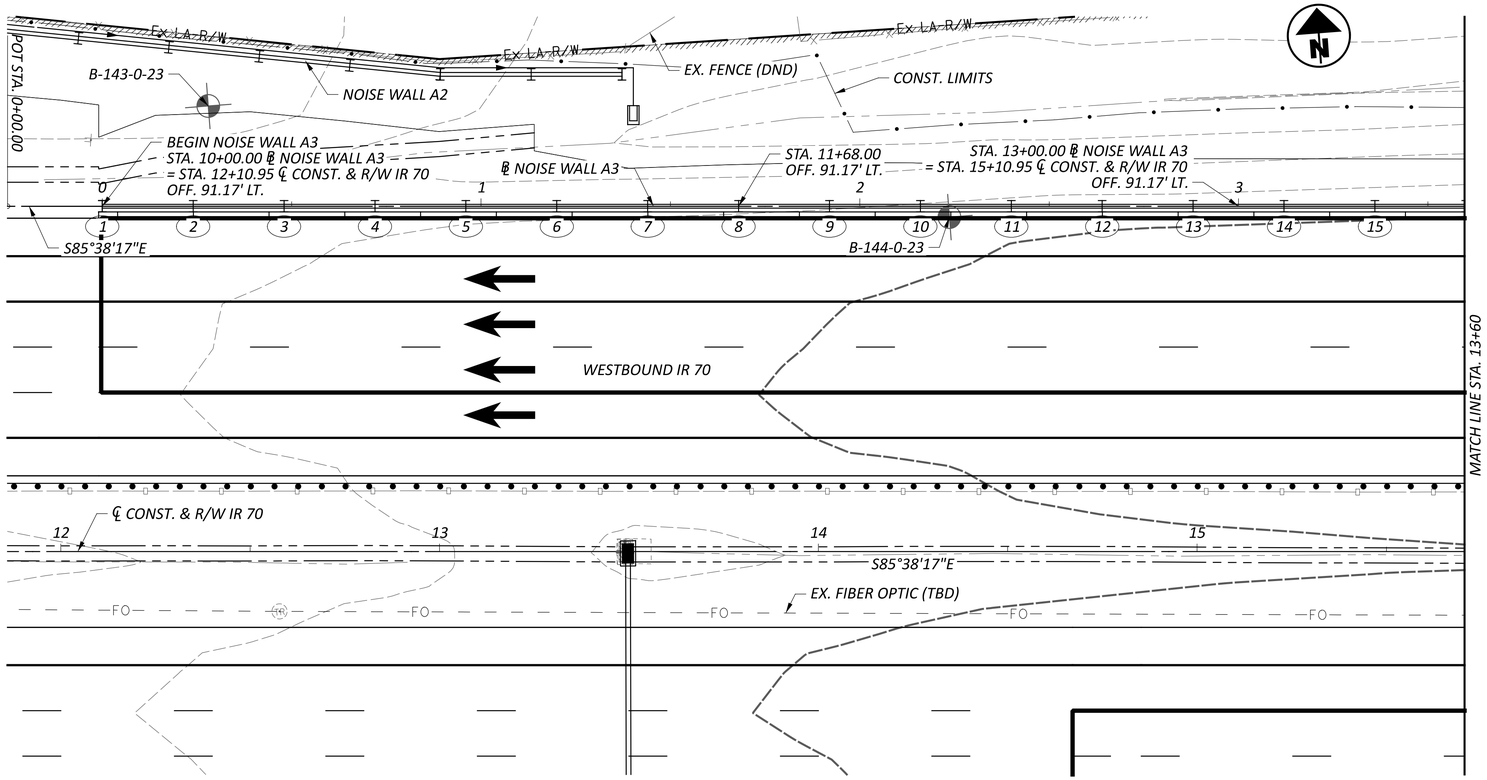
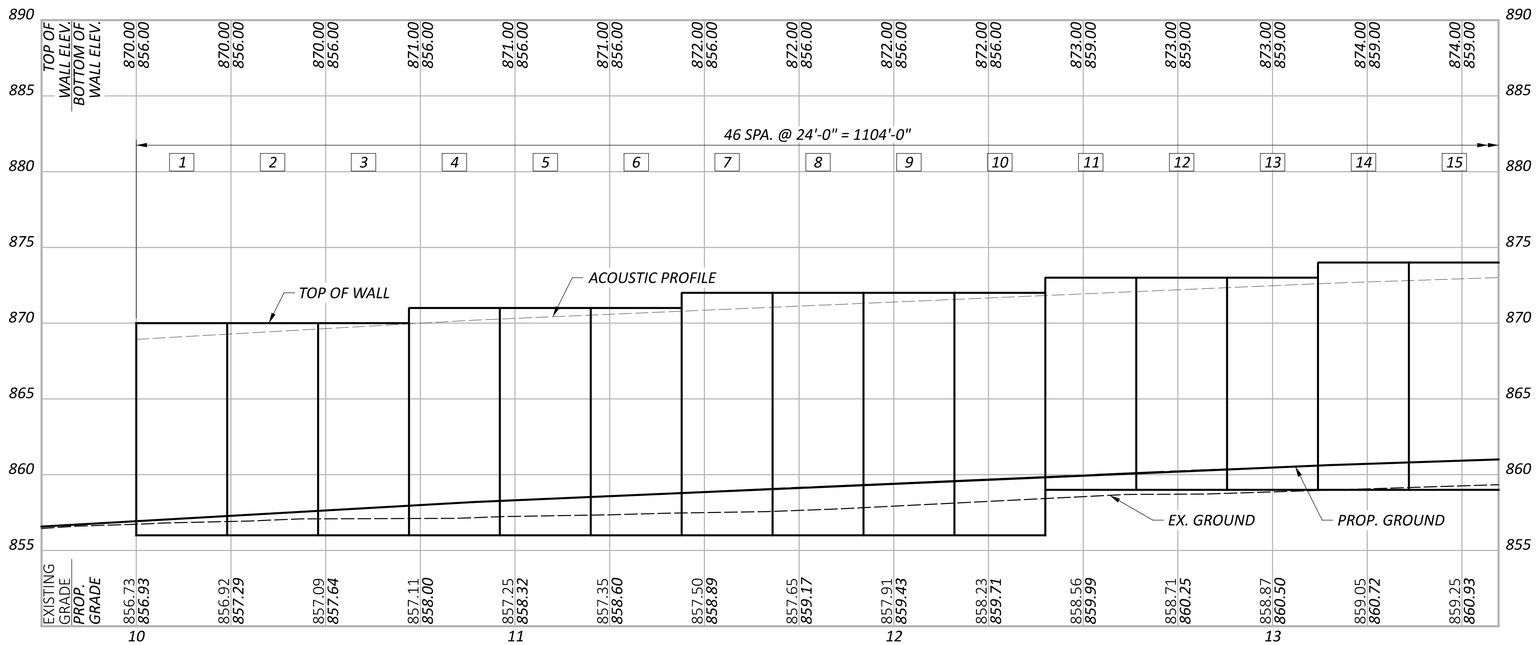


PLAN



ELEVATION
ALONG ℄ NOISE WALL A3

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 25/78 AND 26/78.

LEGEND

(##) - SOIL BORING

- DRILLED SHAFT NUMBER

- PANEL NUMBER

NOISE WALL A3 PLAN AND PROFILE - 1
NOISE WALL A3
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	48
TOTAL	78
SHEET	P.1267
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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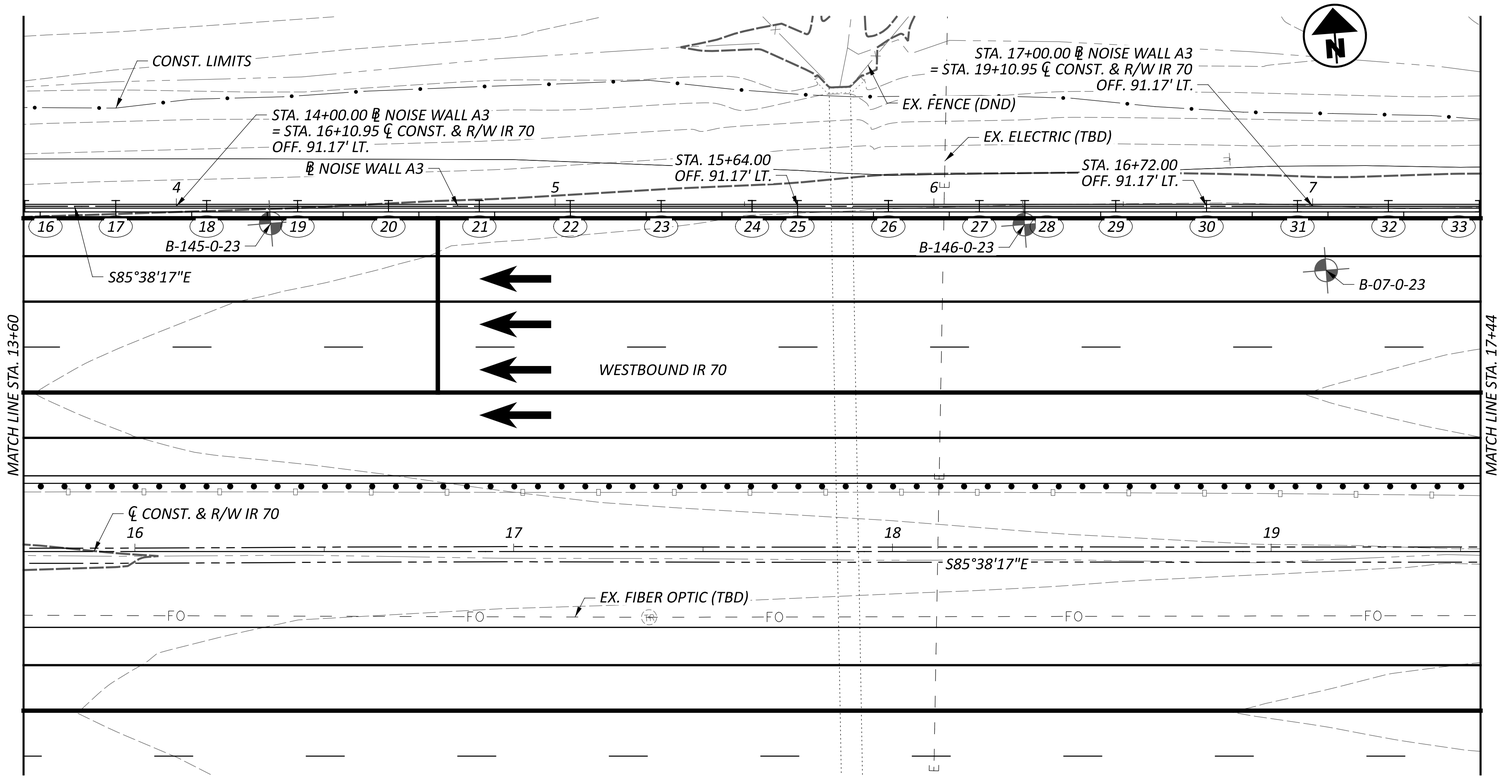

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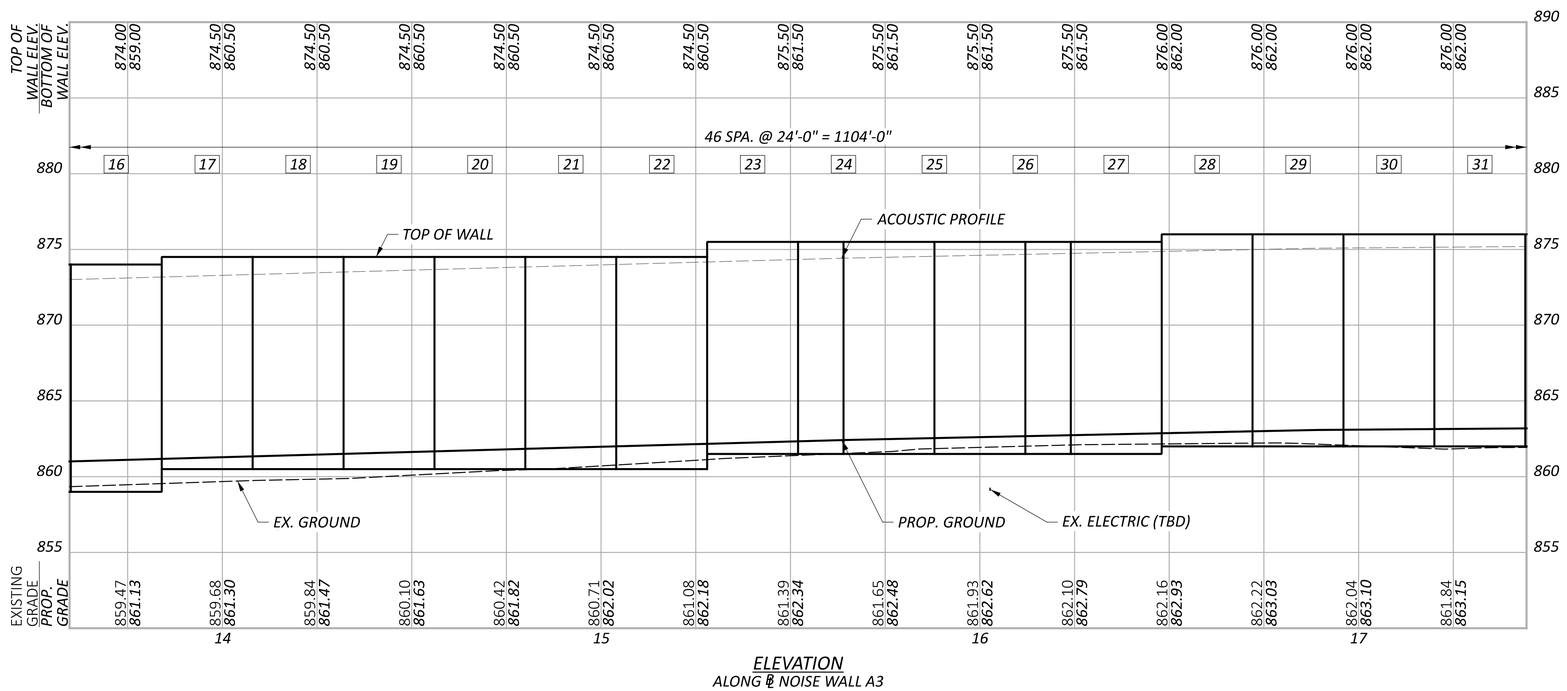

ELEVATION
ALONG ℄ NOISE WALL A3

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 25/78 AND 26/78.

LEGEND

(##) - SOIL BORING

(##) - DRILLED SHAFT NUMBER

[##] - PANEL NUMBER

NOISE WALL A3 PLAN AND PROFILE - 2
NOISE WALL A3
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	49
TOTAL	78
SHEET	P.1268
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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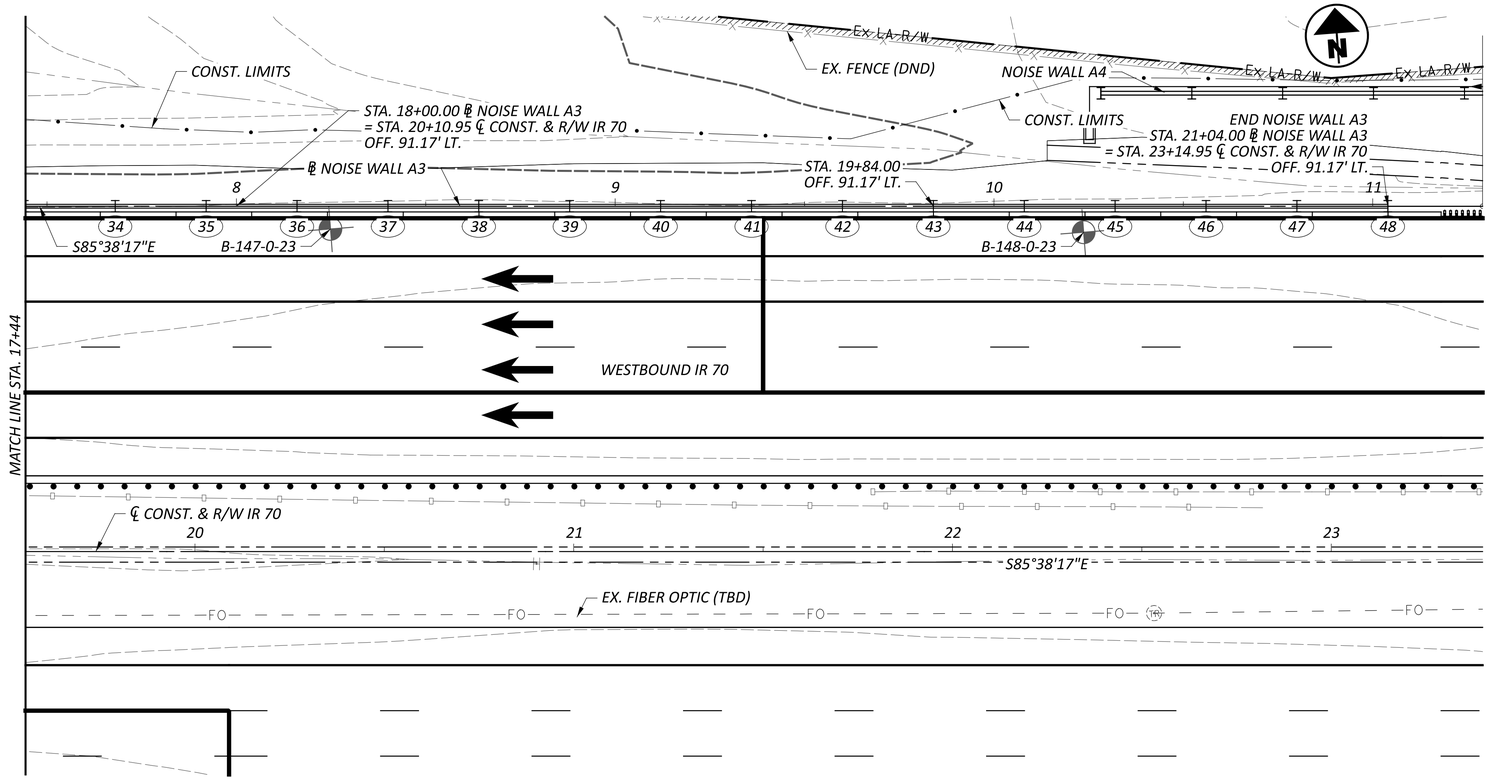
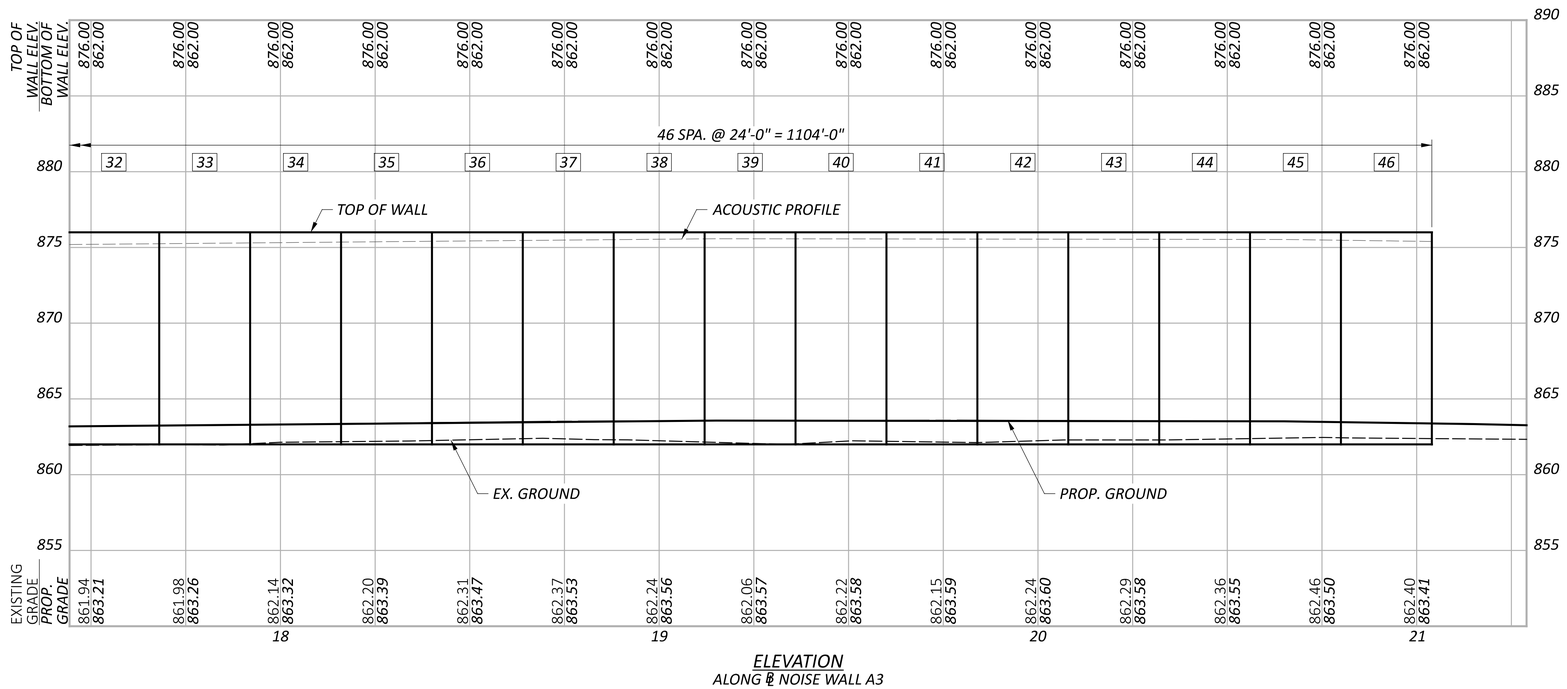


PLAN



ELEVATION
ALONG ℄ NOISE WALL A3

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 25/78 AND 26/78.

LEGEND

(##) - SOIL BORING

(##) - DRILLED SHAFT NUMBER

[##] - PANEL NUMBER

NOISE WALL A3 PLAN AND PROFILE - 3
NOISE WALL A3
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	50
TOTAL	78
SHEET	P.1269
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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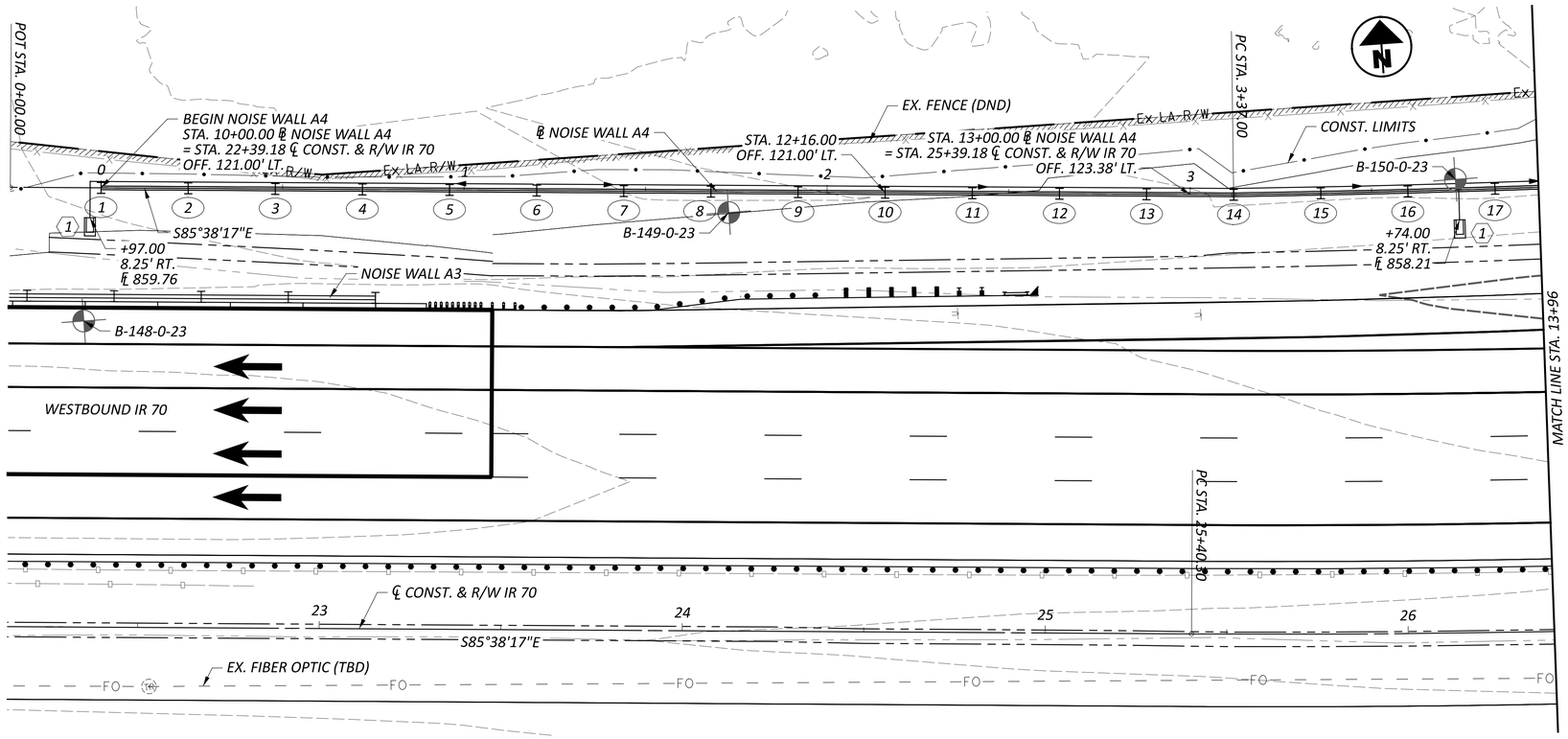
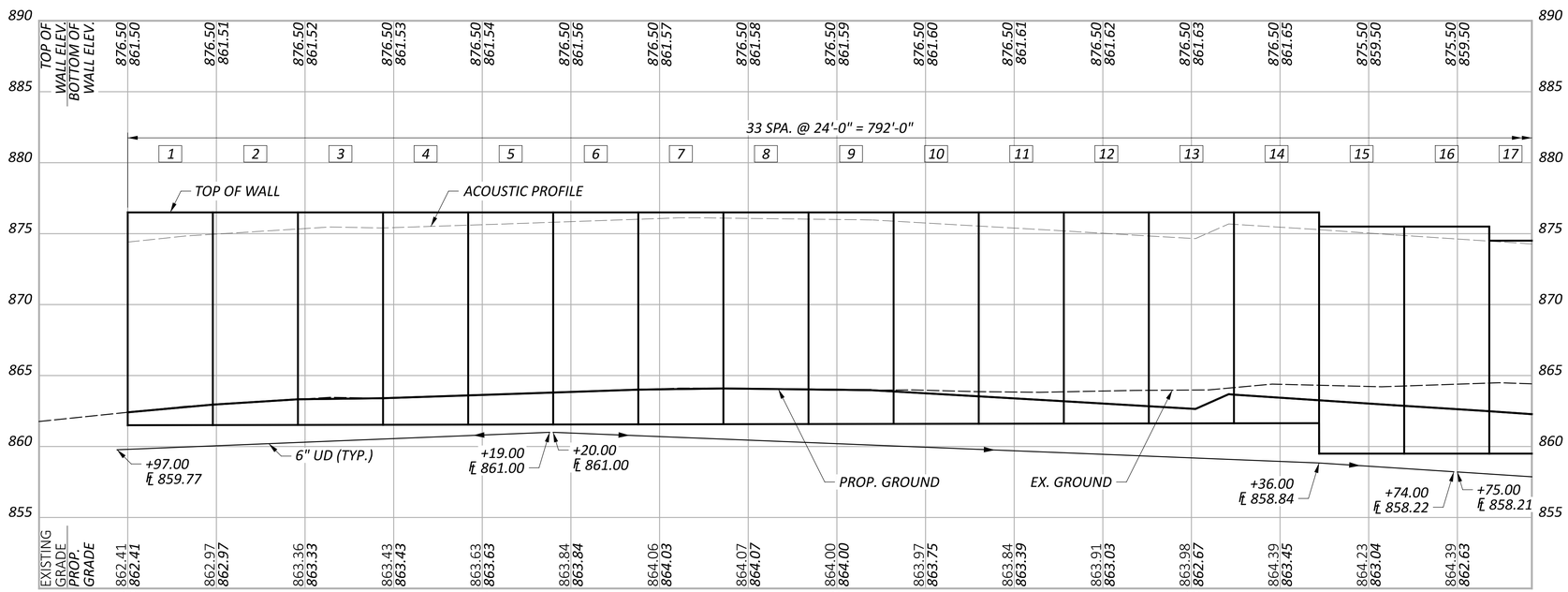


PLAN



ELEVATION
ALONG ℄ NOISE WALL A4

NOISE WALL A4 CURVE 1
P.I. = STA. 15+64.88
Δ = 07°39'32" LT
Dc = 01°31'00"
R = 3,777.84'
T = 252.88'
L = 505.00'
E = 8.45'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 26/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL A4 PLAN AND PROFILE - 1
NOISE WALL A4
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	51
TOTAL	78
SHEET	P.1270
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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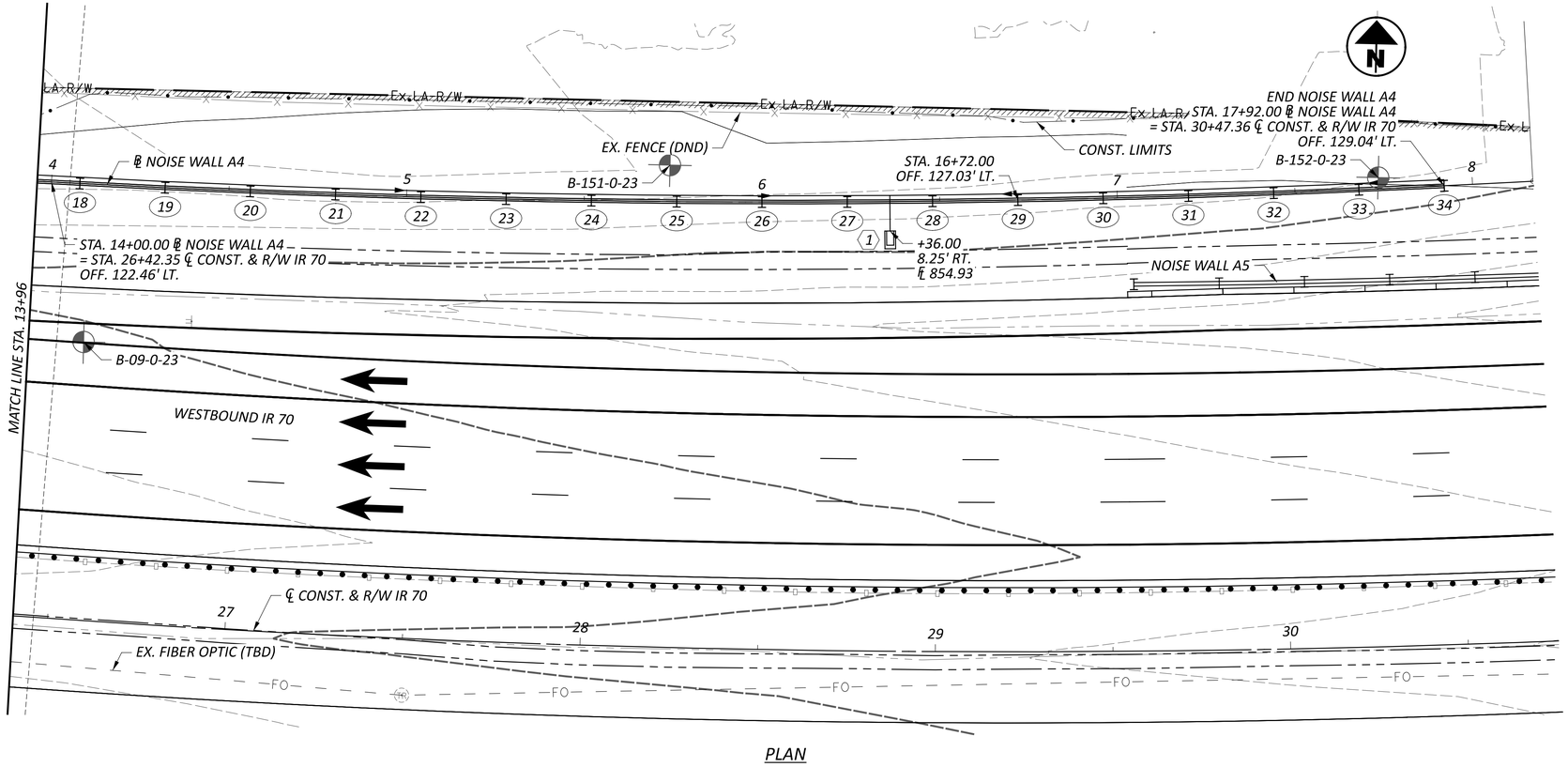
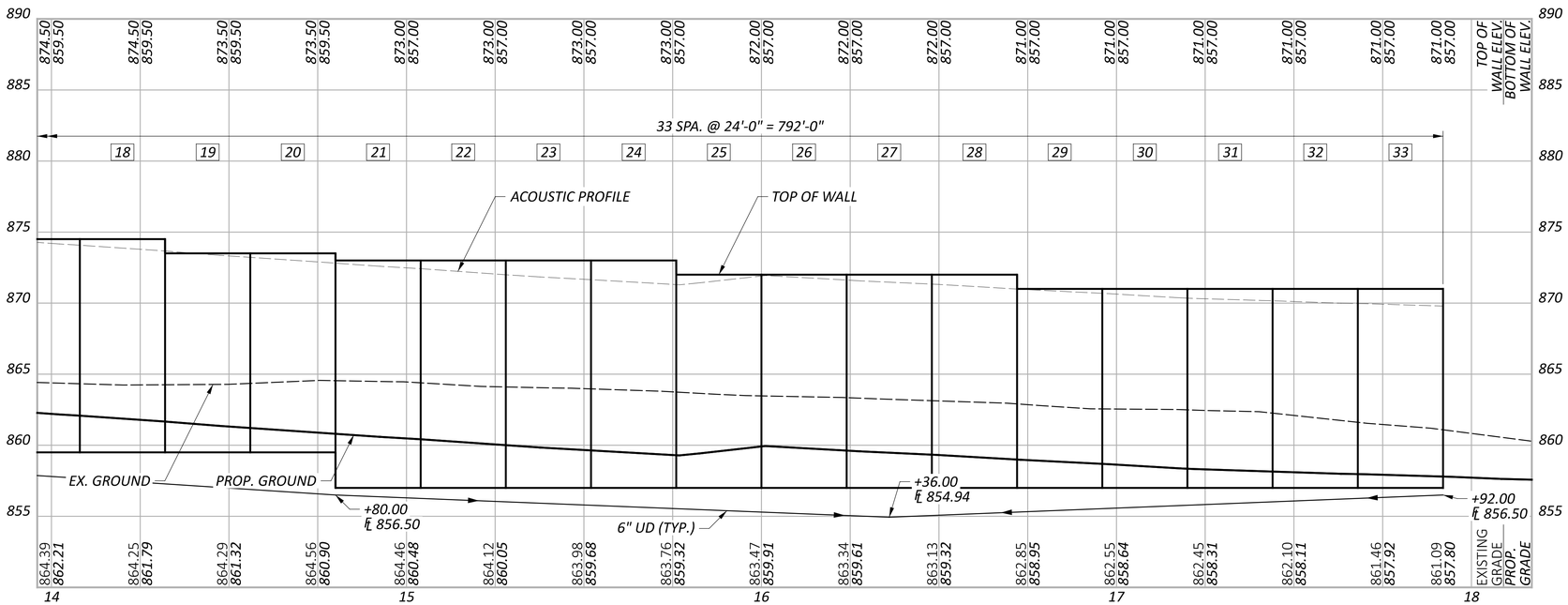
NOISE WALL A4 CURVE 1
P.I. = STA. 15+64.88
Δ = 07°39'32" LT
Dc = 01°31'00"
R = 3,777.84'
T = 252.88'
L = 505.00'
E = 8.45'



PLAN



ELEVATION
ALONG ℄ NOISE WALL A4

NOTES:

1. *WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 26/78.*

LEGEND

- *SOIL BORING*
- *PRECAST REINFORCED OUTLET*
- ## *DRILLED SHAFT NUMBER*
- ## *PANEL NUMBER*
- 1 *10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET*

NOISE WALL A4 PLAN AND PROFILE - 2
NOISE WALL A4
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	52
TOTAL	78
SHEET	P.1271
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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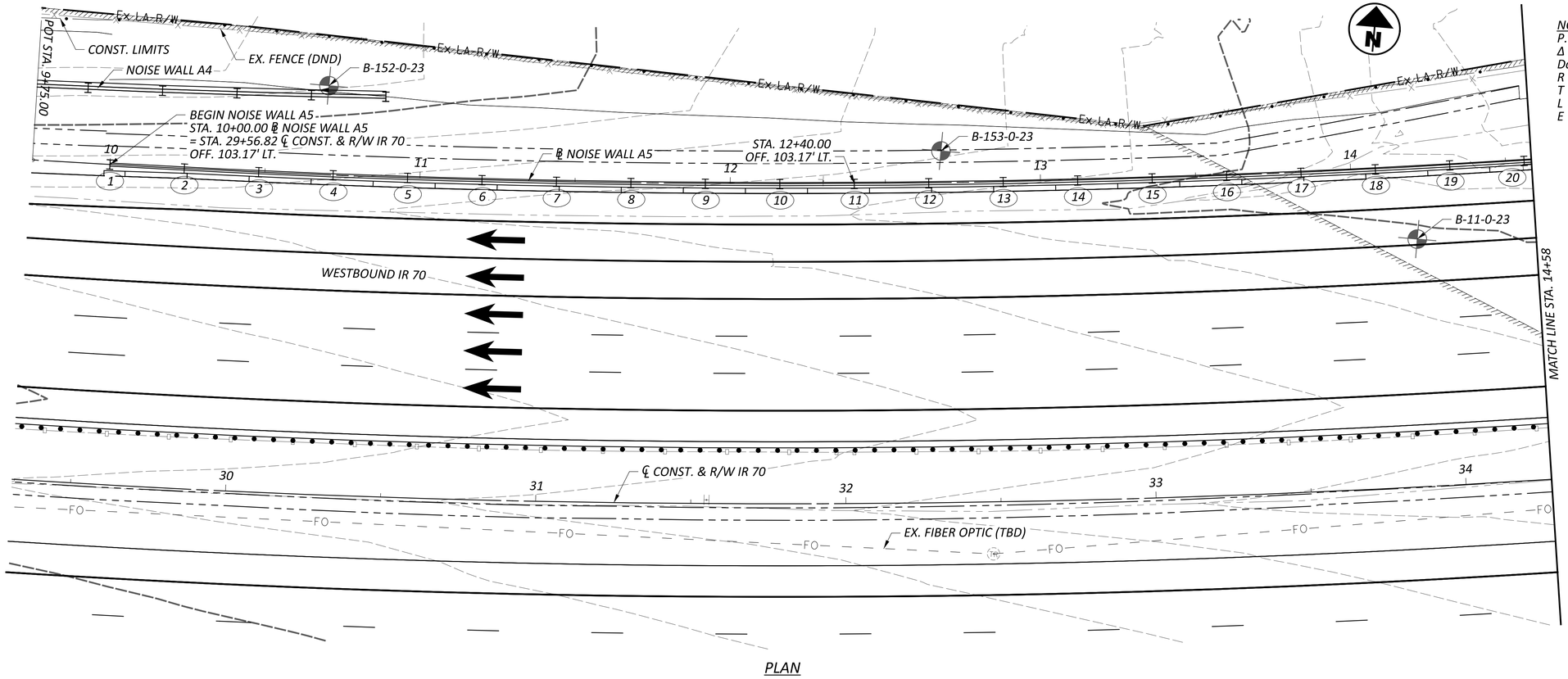
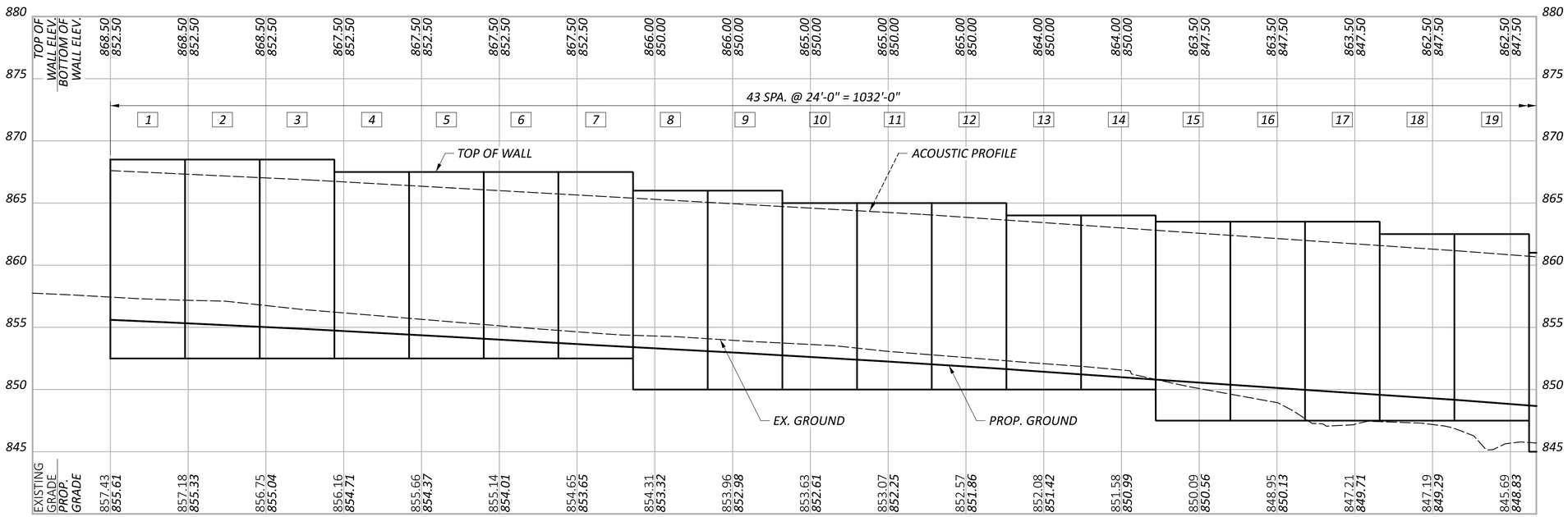


PLAN

NOISE WALL A5 CURVE 1
P.I. = STA. 15+06.94
Δ = 15°56'53" LT
Dc = 01°30'32"
R = 3,797.45'
T = 531.94'
L = 1,057.00'
E = 37.08'



ELEVATION
ALONG ℄ NOISE WALL A5

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 27/78.

LEGEND

- SOIL BORING
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER

NOISE WALL A5 PLAN AND PROFILE - 1
NOISE WALL A5
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 03/27/26
PROJECT ID	96808
SUBSET	53
TOTAL	78
SHEET	P.1272
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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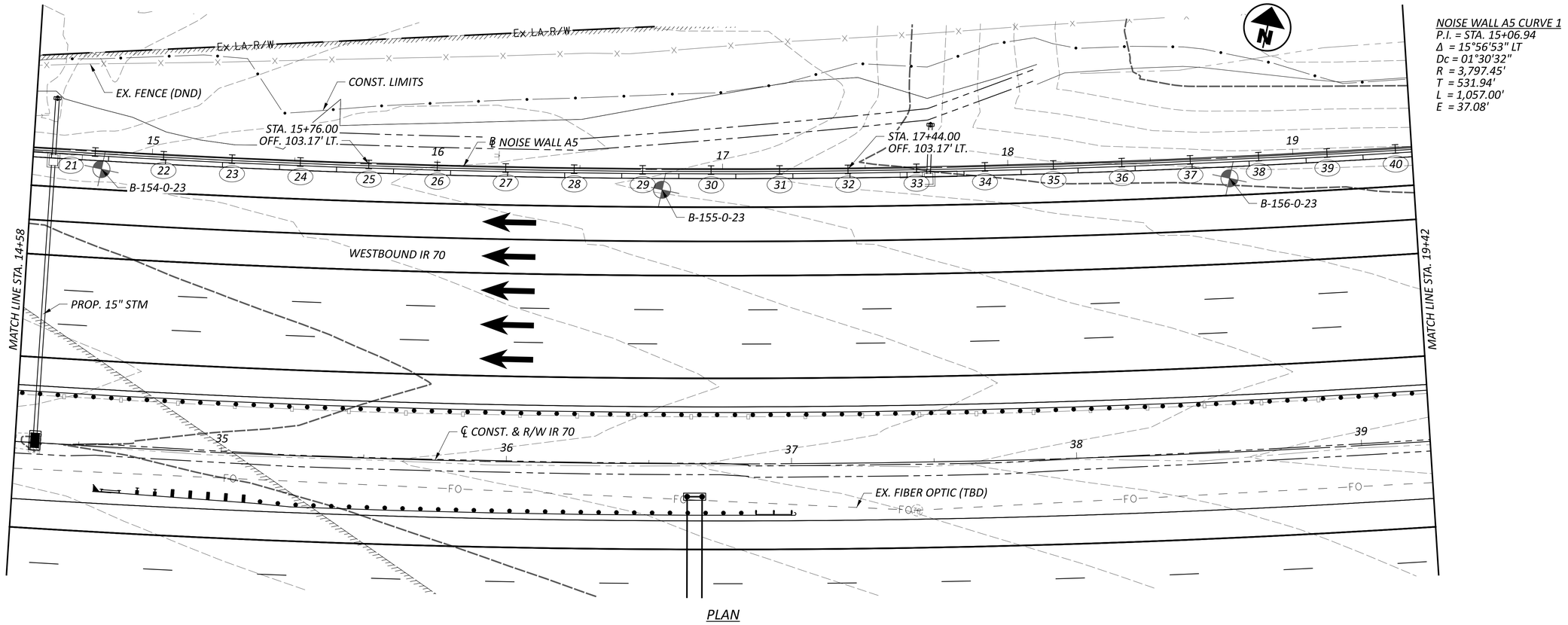
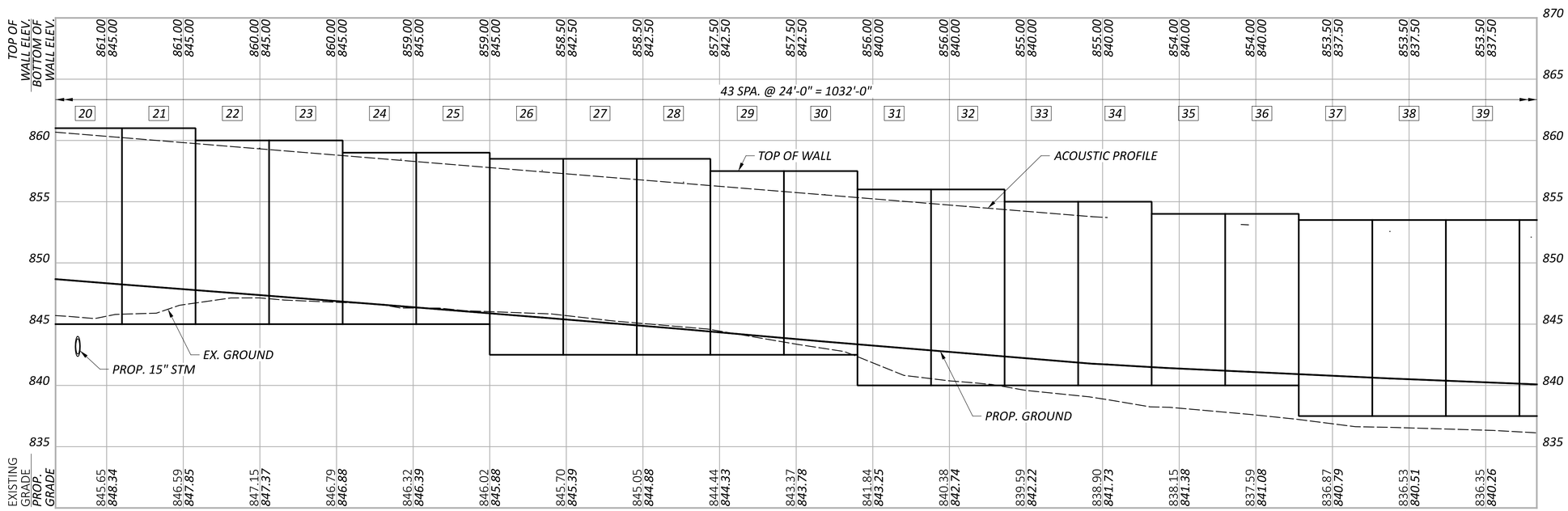


PLAN



ELEVATION
ALONG ℄ NOISE WALL A5

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 27/78.

LEGEND

- SOIL BORING
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER

NOISE WALL A5 PLAN AND PROFILE - 2
NOISE WALL A5
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 03/27/26
PROJECT ID	96808
SUBSET	54
TOTAL	78
SHEET	P.1273
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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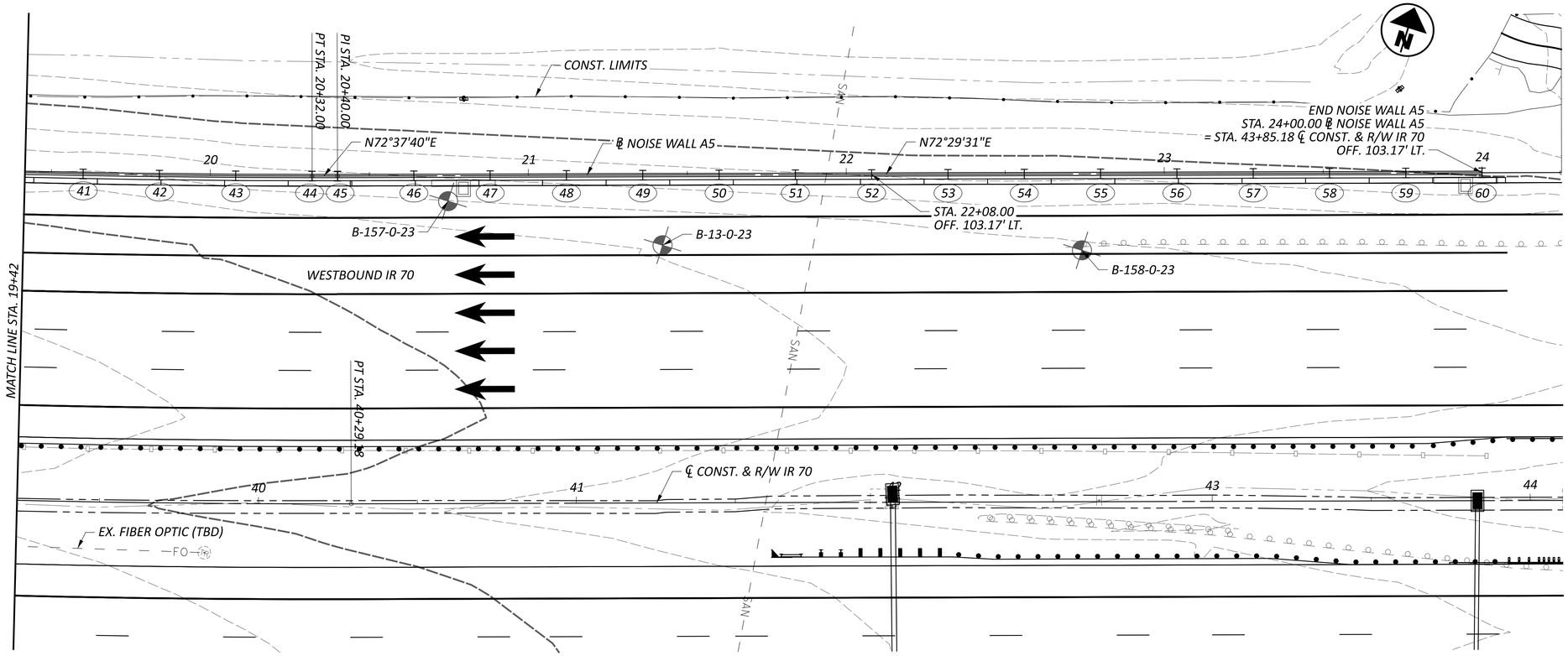
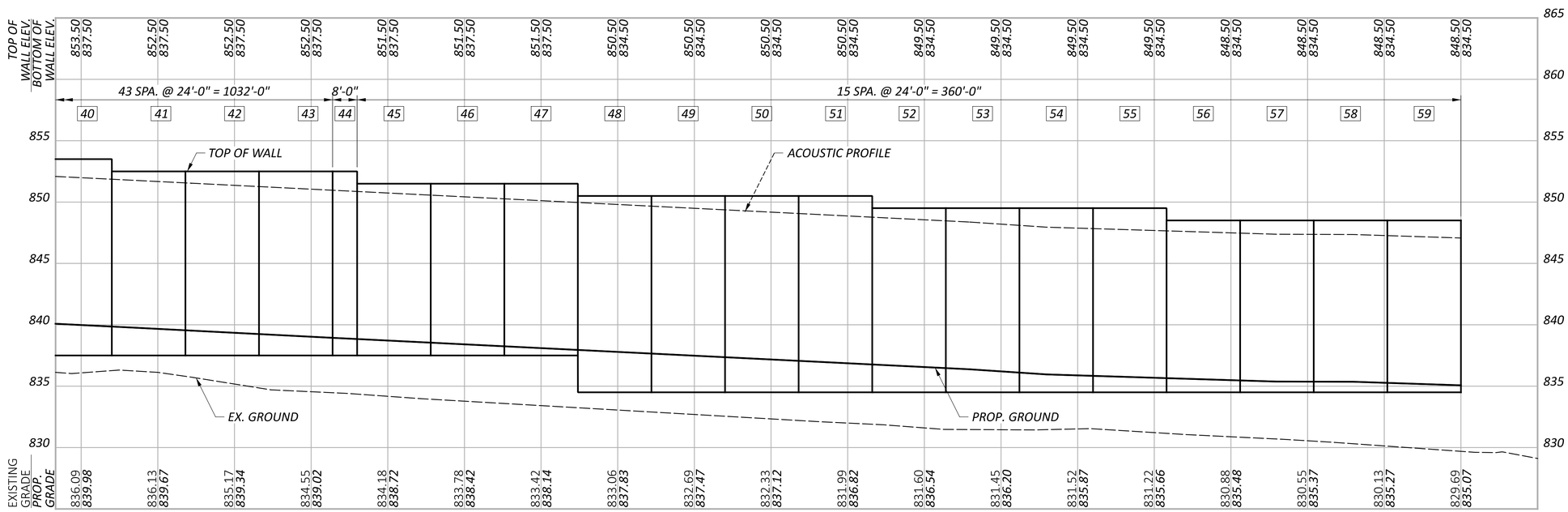
NOISE WALL A5 CURVE 1
P.I. = STA. 15+06.94
Δ = 15°56'53" LT
Dc = 01°30'32"
R = 3,797.45'
T = 531.94'
L = 1,057.00'
E = 37.08'



PLAN



ELEVATION
ALONG ℄ NOISE WALL A5

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 27/78.

LEGEND

- SOIL BORING
(##) - DRILLED SHAFT NUMBER
[##] - PANEL NUMBER

NOISE WALL A5 PLAN AND PROFILE - 3
NOISE WALL A5
ALONG IR 70

SFN 0
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER: DAS | CHECKER: DTF
REVIEWER: CLB 03/27/26
PROJECT ID: 96808
SUBSET: 55 | TOTAL: 78
SHEET: P.1274 | TOTAL: P.2024

FAI/LIC-70-0.00/0.00

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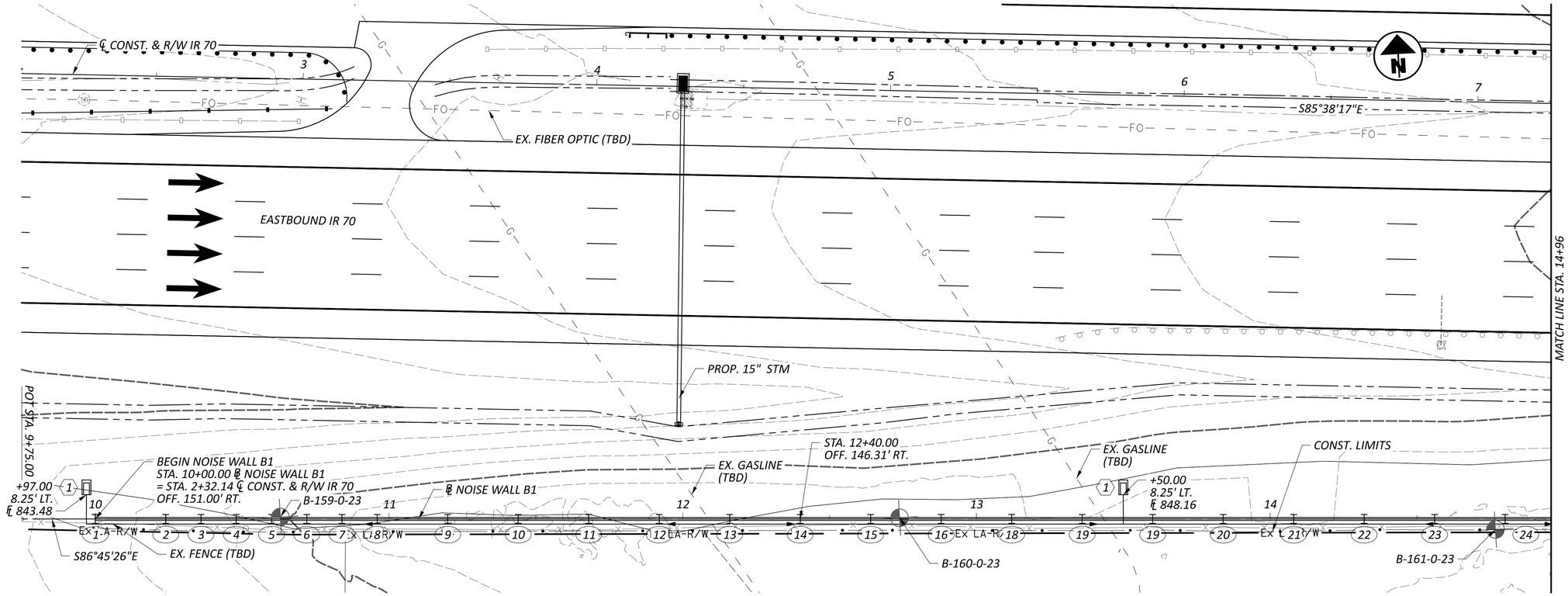
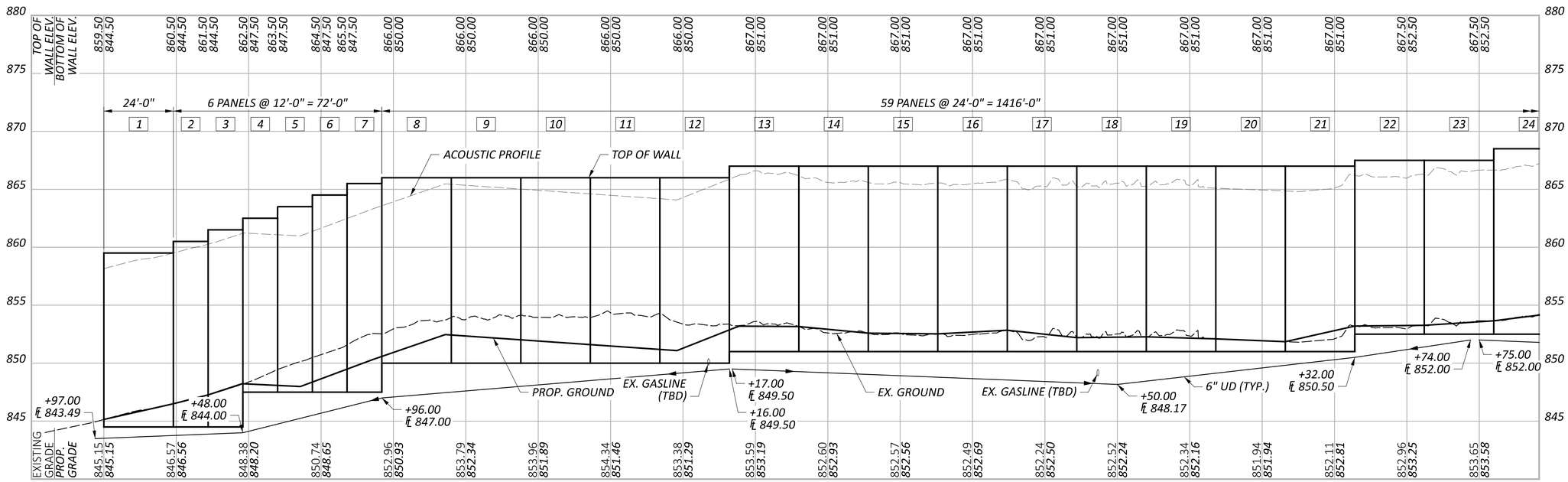


PLAN



ELEVATION
ALONG ℄ NOISE WALL B1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 28/78 & 29/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL B1 PLAN AND PROFILE - 1
NOISE WALL B1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	56
TOTAL	78
SHEET	P.1275
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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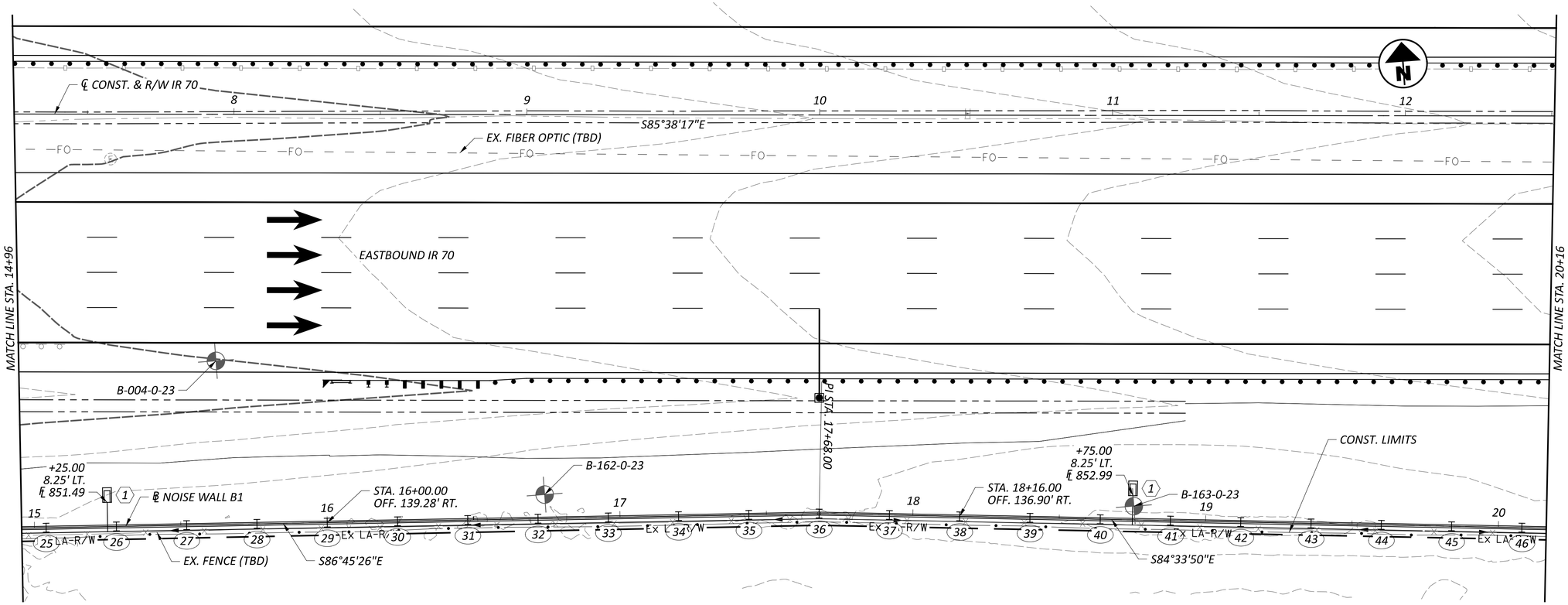
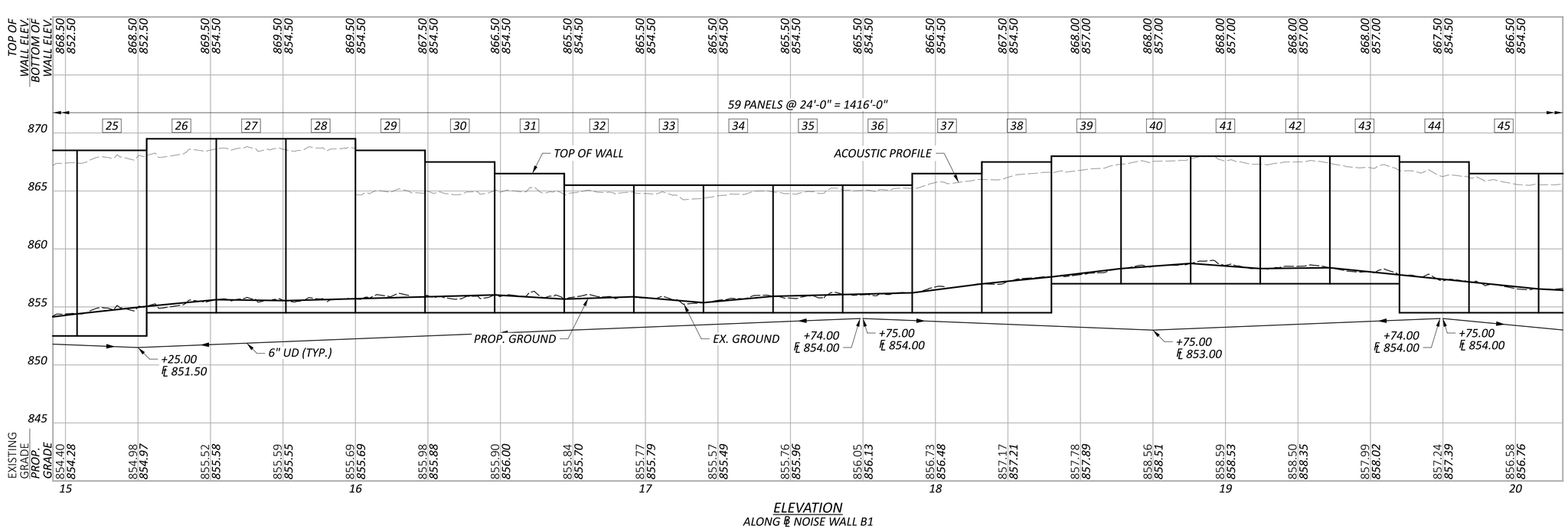


PLAN



ELEVATION
ALONG ℄ NOISE WALL B1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 28/78 & 29/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- (##) DRILLED SHAFT NUMBER
- [##] PANEL NUMBER
- (1) 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL B1 PLAN AND PROFILE - 2
NOISE WALL B1
ALONG IR 70

SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	57
TOTAL	78
SHEET	P.1276
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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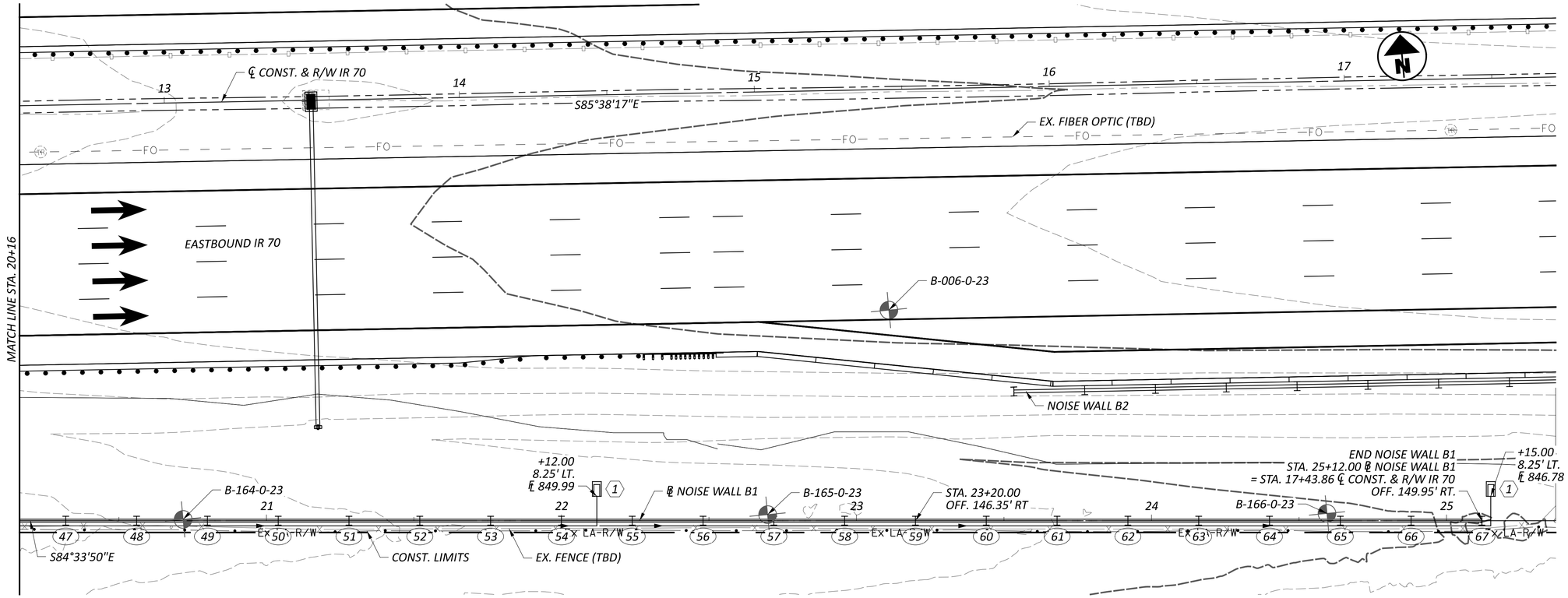
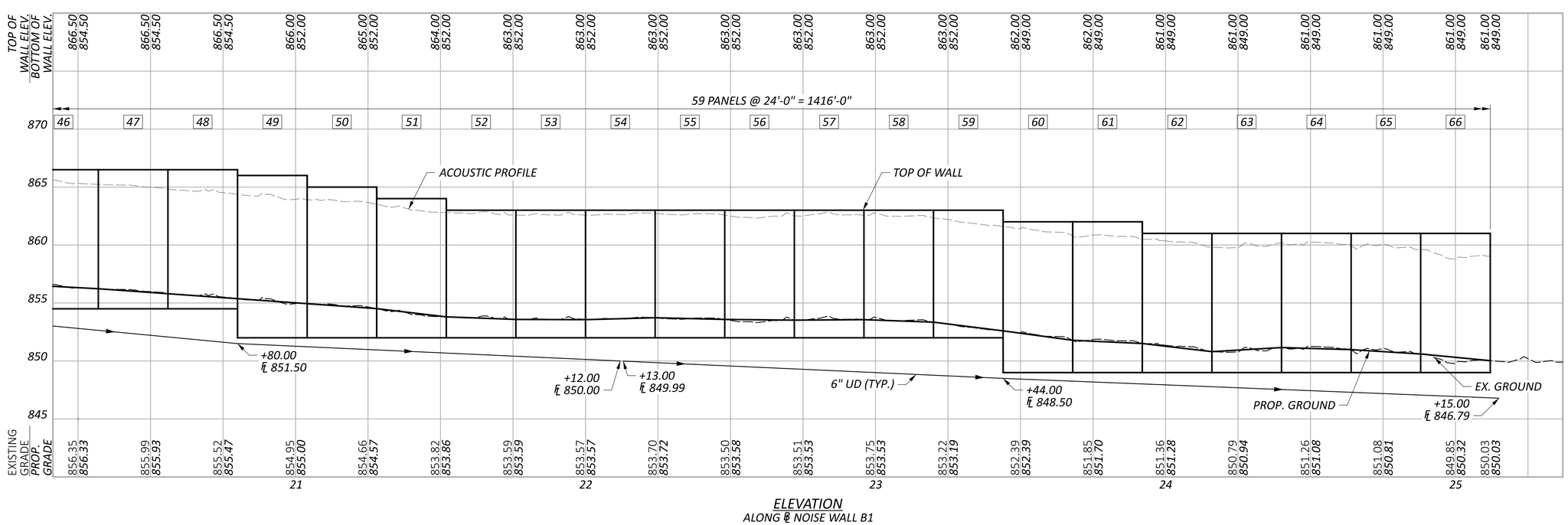


PLAN



ELEVATION
ALONG ℄ NOISE WALL B1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 28/78 & 29/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL B1 PLAN AND PROFILE - 3
NOISE WALL B1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	58
TOTAL	78
SHEET	P.1277
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Wall B1 - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:31:32 PM USER: brieder
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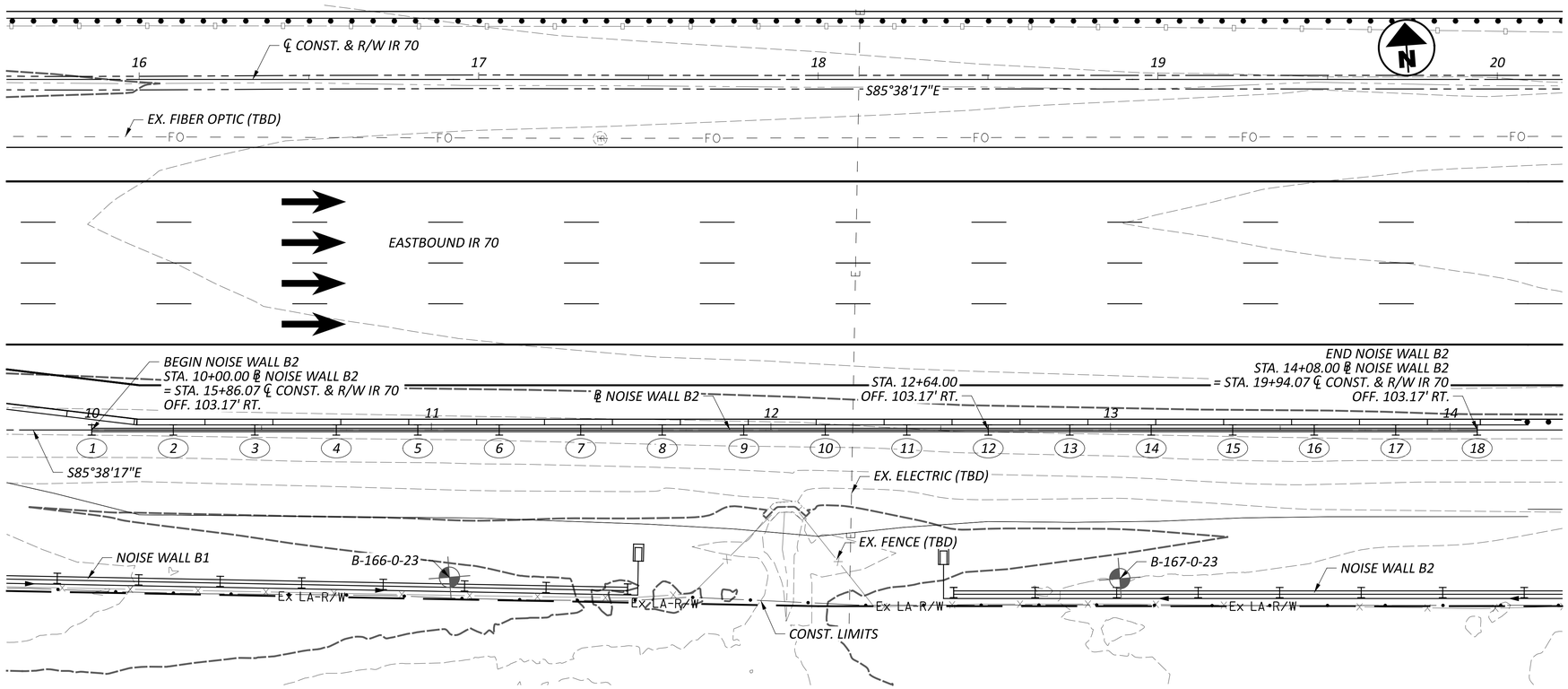
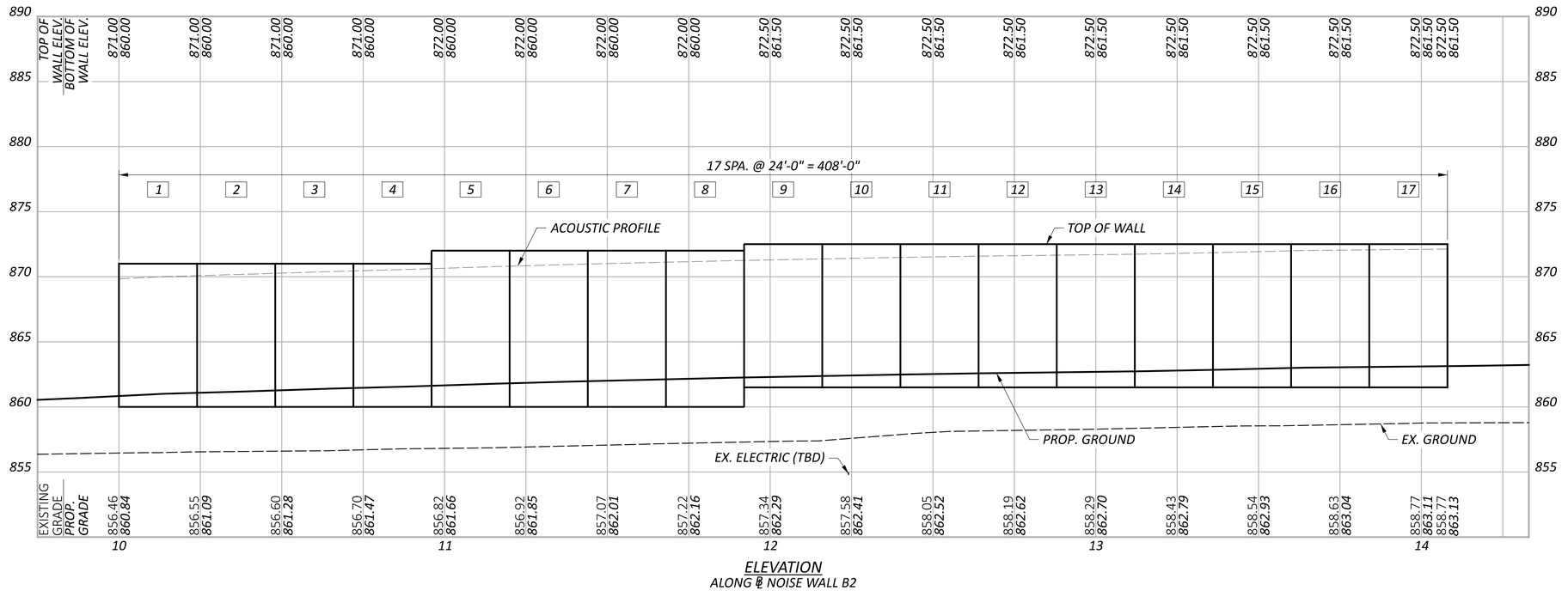


PLAN



ELEVATION
ALONG ℄ NOISE WALL B2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 29/78.

LEGEND

- SOIL BORING
(##) - DRILLED SHAFT NUMBER
[##] - PANEL NUMBER

NOISE WALL B2 PLAN AND PROFILE
NOISE WALL B2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	59
TOTAL	78
SHEET	P.1278
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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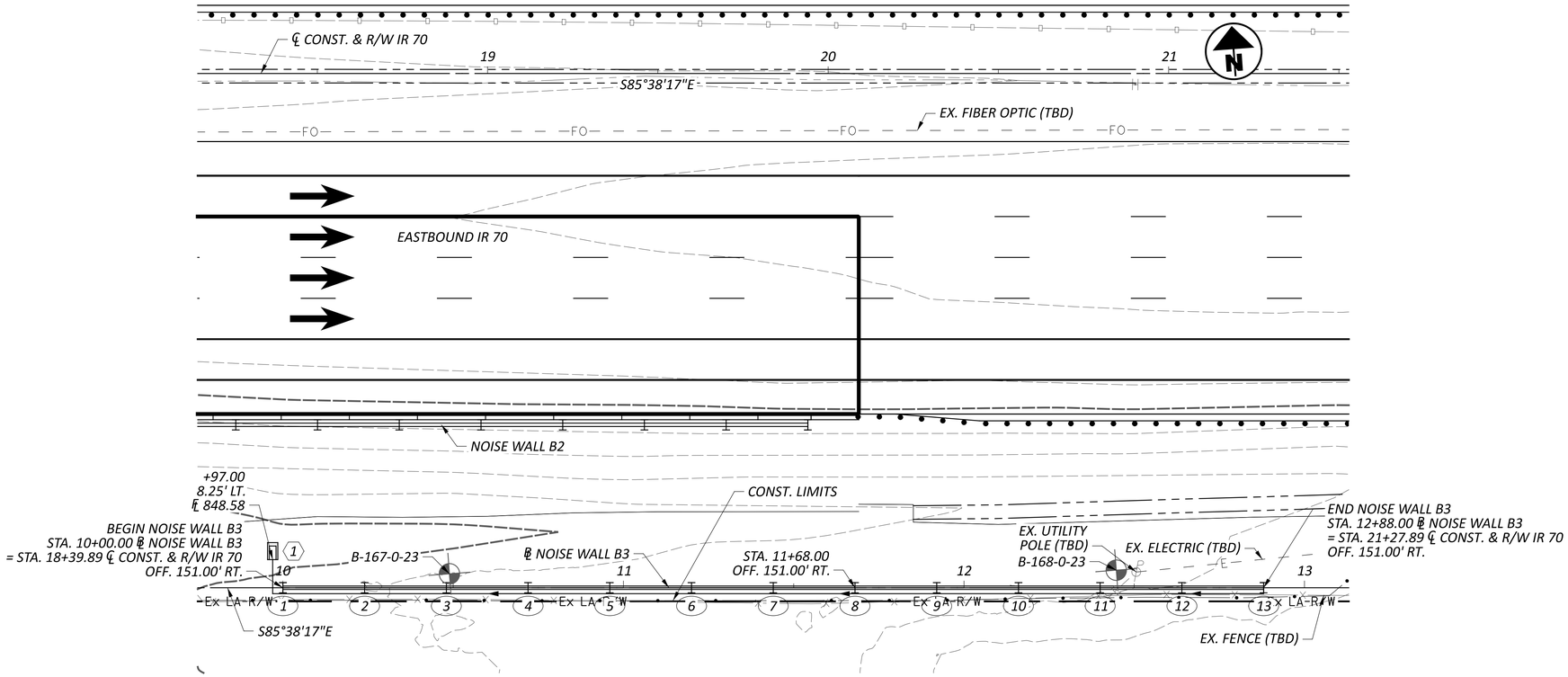
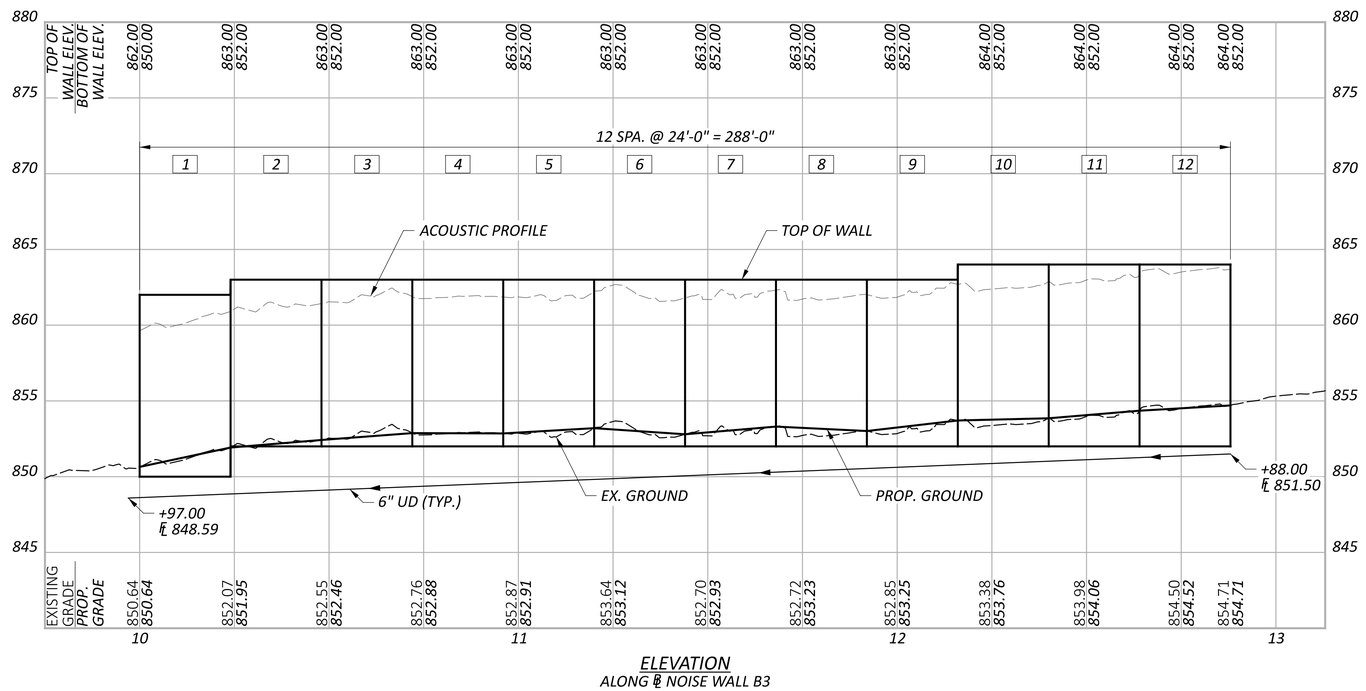


PLAN



ELEVATION
ALONG ℄ NOISE WALL B3

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 29/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- (##) - DRILLED SHAFT NUMBER
- [##] - PANEL NUMBER
- (1) - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL B3 PLAN AND PROFILE
NOISE WALL B3
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	60
TOTAL	78
SHEET	P.1279
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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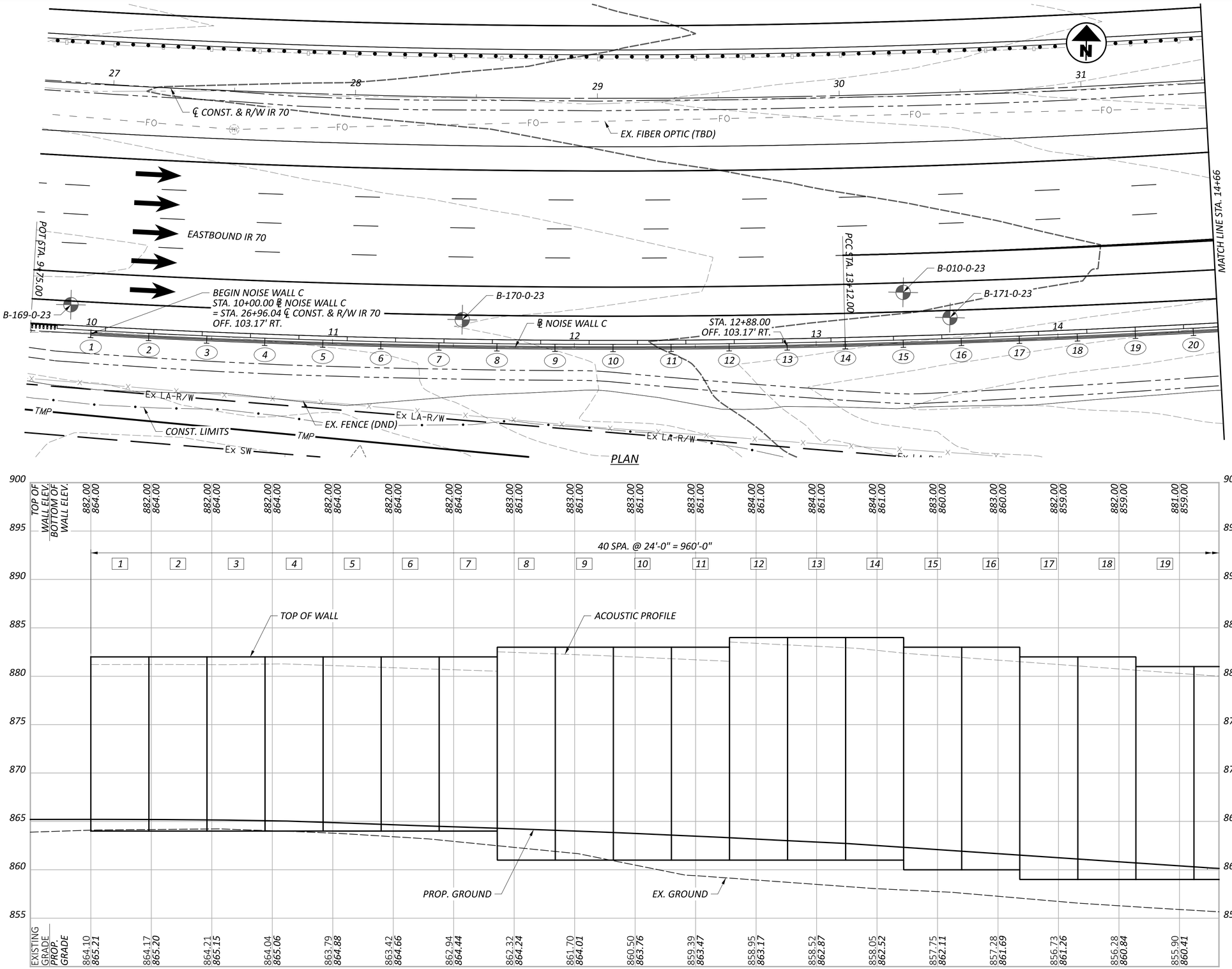

NOISE WALL C CURVE 1
P.I. = STA. 11+43.60
Δ = 04°49'21" LT
Dc = 01°25'52"
R = 4,003.78'
T = 168.60'
L = 337.00'
E = 3.55'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 29/78 & 30/78.

LEGEND

- SOIL BORING
(##) - DRILLED SHAFT NUMBER
[##] - PANEL NUMBER

NOISE WALL C PLAN AND PROFILE - 1
NOISE WALL C
ALONG IR 70

SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	61
TOTAL	78
SHEET	P.1280
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Wall C - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:32:43 PM USER: brieder
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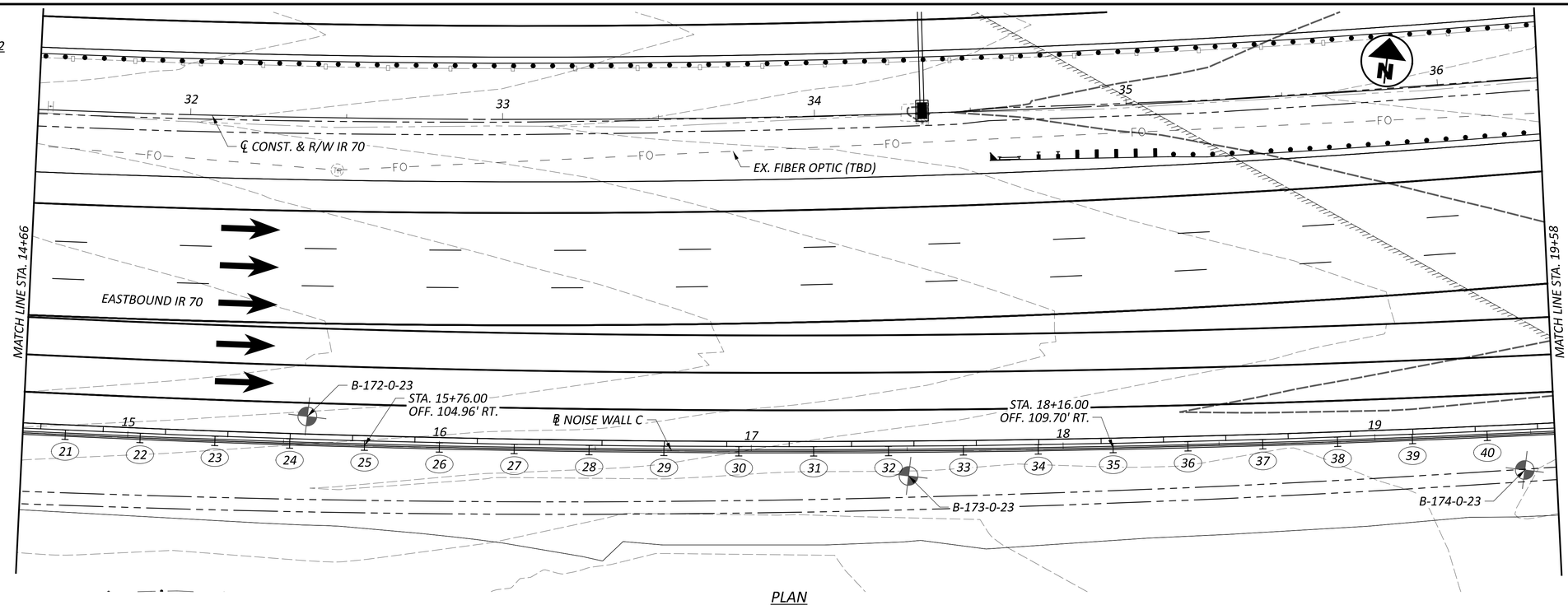
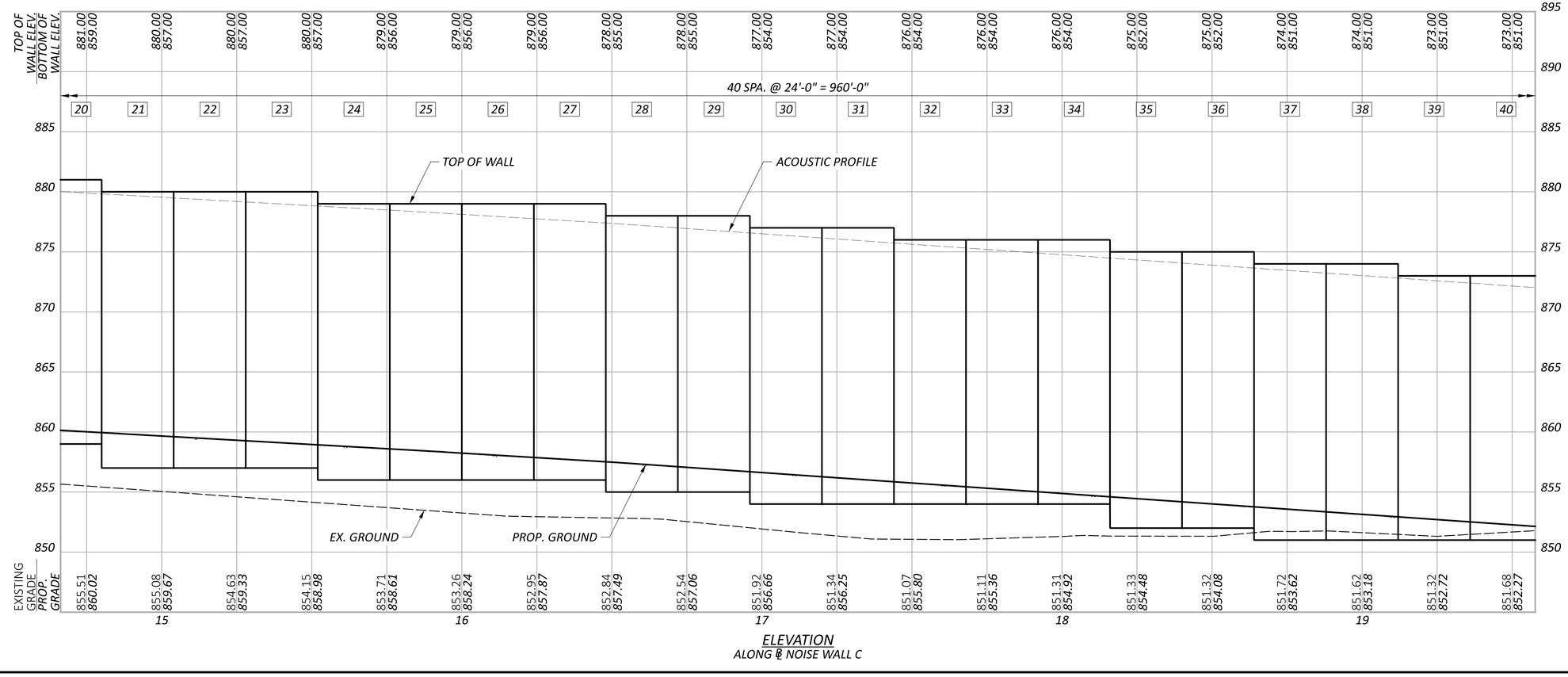
NOISE WALL C CURVE 2
P.I. = STA. 16+36.45
Δ = 07°21'39" LT
Dc = 01°08'09"
R = 5,044.03'
T = 324.45'
L = 648.00'
E = 10.42'



PLAN



ELEVATION
ALONG ℄ NOISE WALL C

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 29/78 & 30/78.

LEGEND

- SOIL BORING
(##) - DRILLED SHAFT NUMBER
[##] - PANEL NUMBER

NOISE WALL C PLAN AND PROFILE - 2
NOISE WALL C
ALONG IR 70

SFN	0
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	62
TOTAL	78
SHEET	P.1281
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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FAI/LIC-70-0.00/0.00

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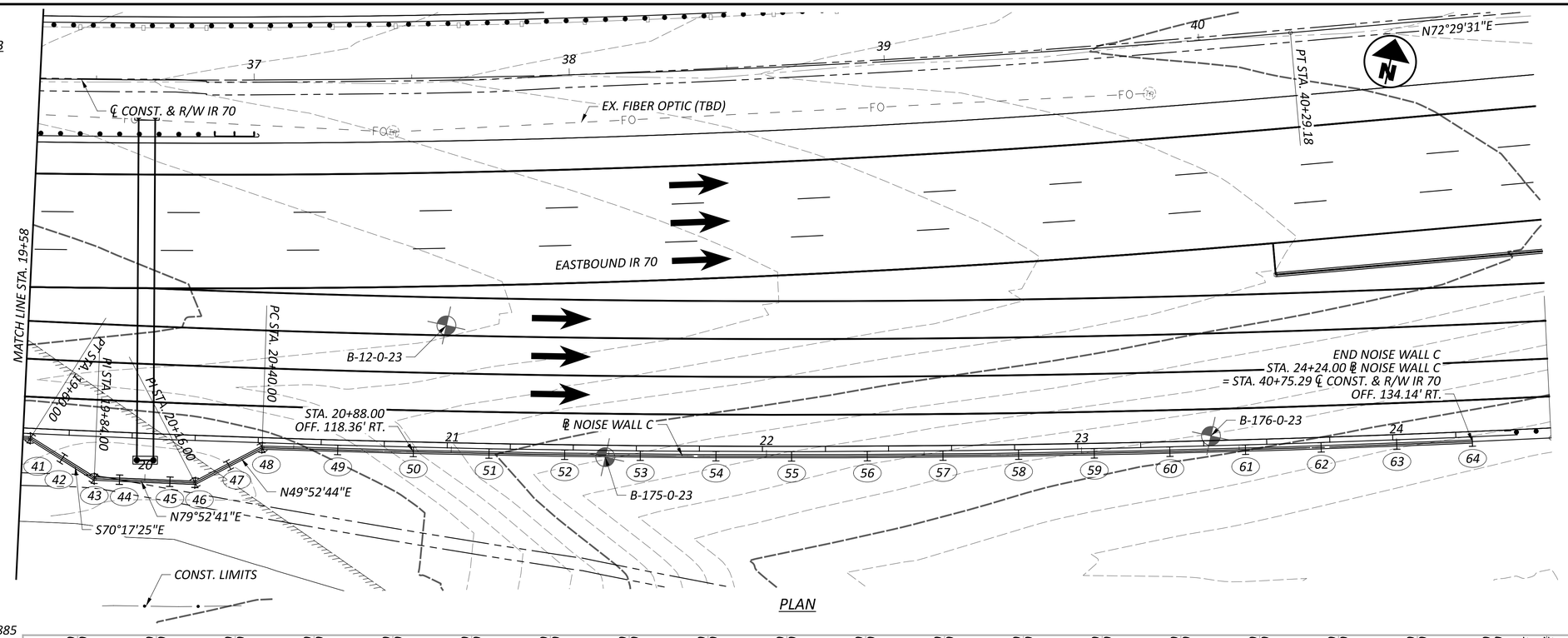
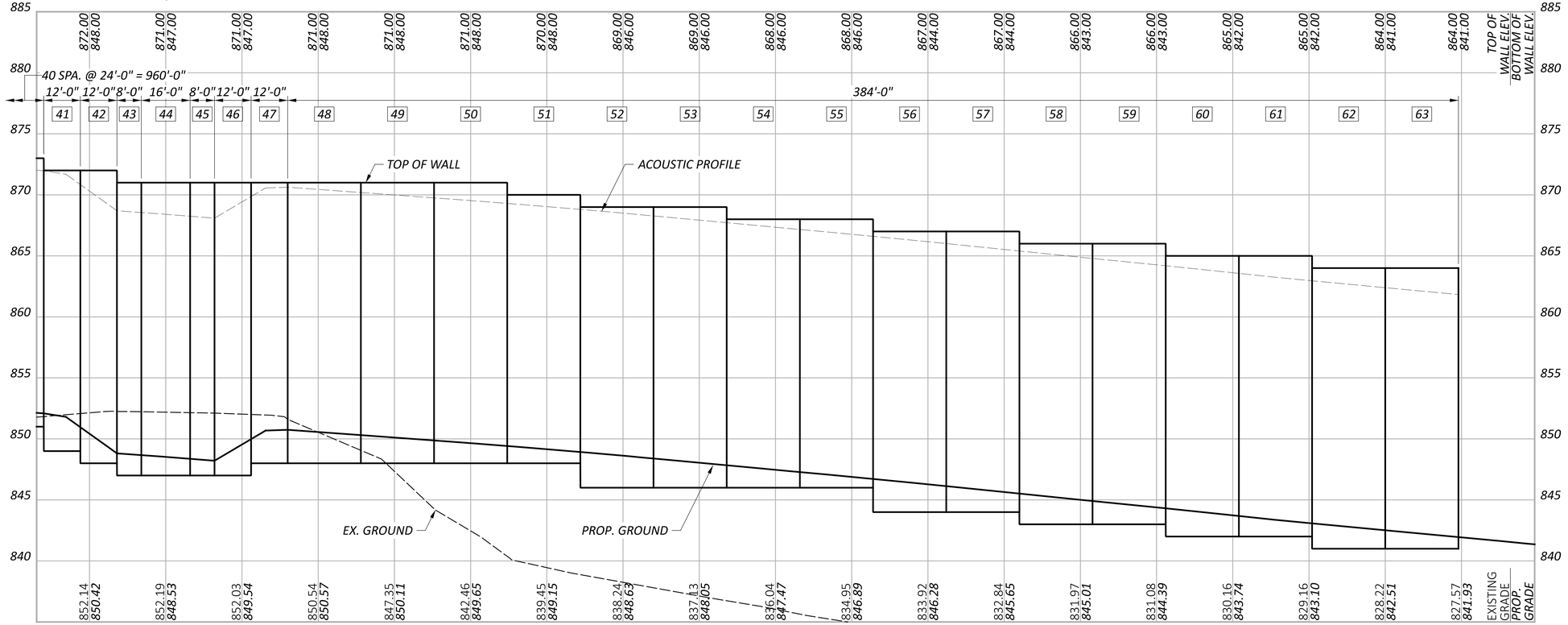
NOISE WALL C CURVE 3
P.I. = STA. 22+44.61
Δ = 04°38'45" LT
Dc = 01°08'09"
R = 5,044.03'
T = 204.61'
L = 409.00'
E = 4.15'





NOTES:

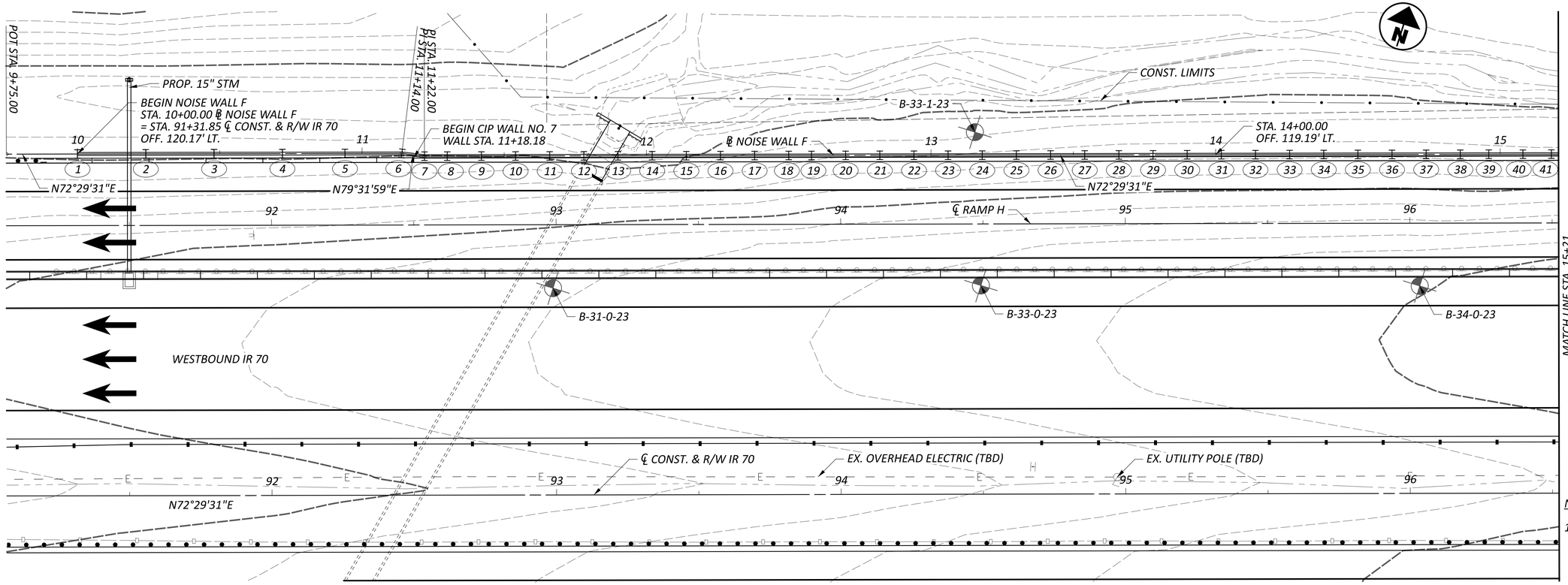
1. *WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 29/78 & 30/78.*

LEGEND

- *SOIL BORING*
- *## - DRILLED SHAFT NUMBER*
- *## - PANEL NUMBER*

NOISE WALL C PLAN AND PROFILE - 3
NOISE WALL C
ALONG IR 70

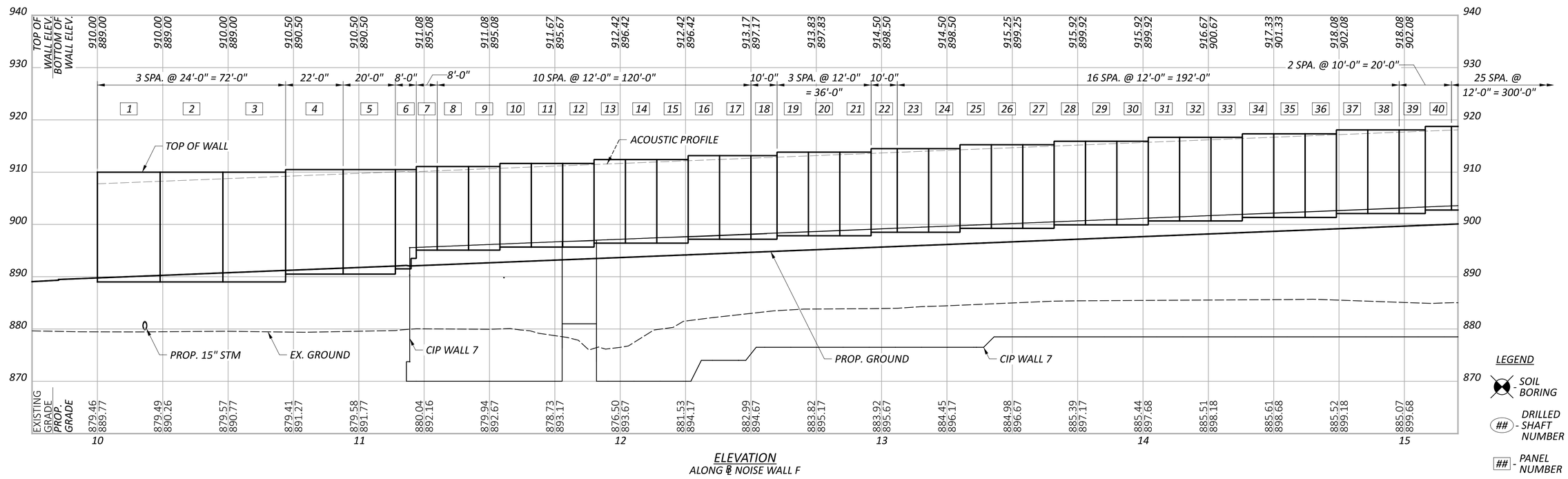
SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	63
TOTAL	78
SHEET	P.1282
TOTAL	P.2024



PLAN

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 30/78 THRU 33/78.



ELEVATION
ALONG ℄ NOISE WALL F

LEGEND

- SOIL BORING
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER

NOISE WALL F PLAN AND PROFILE - 1
NOISE WALL F
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	64
TOTAL	78
SHEET	P.1283
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Wall F - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:33:10 PM USER: brieder
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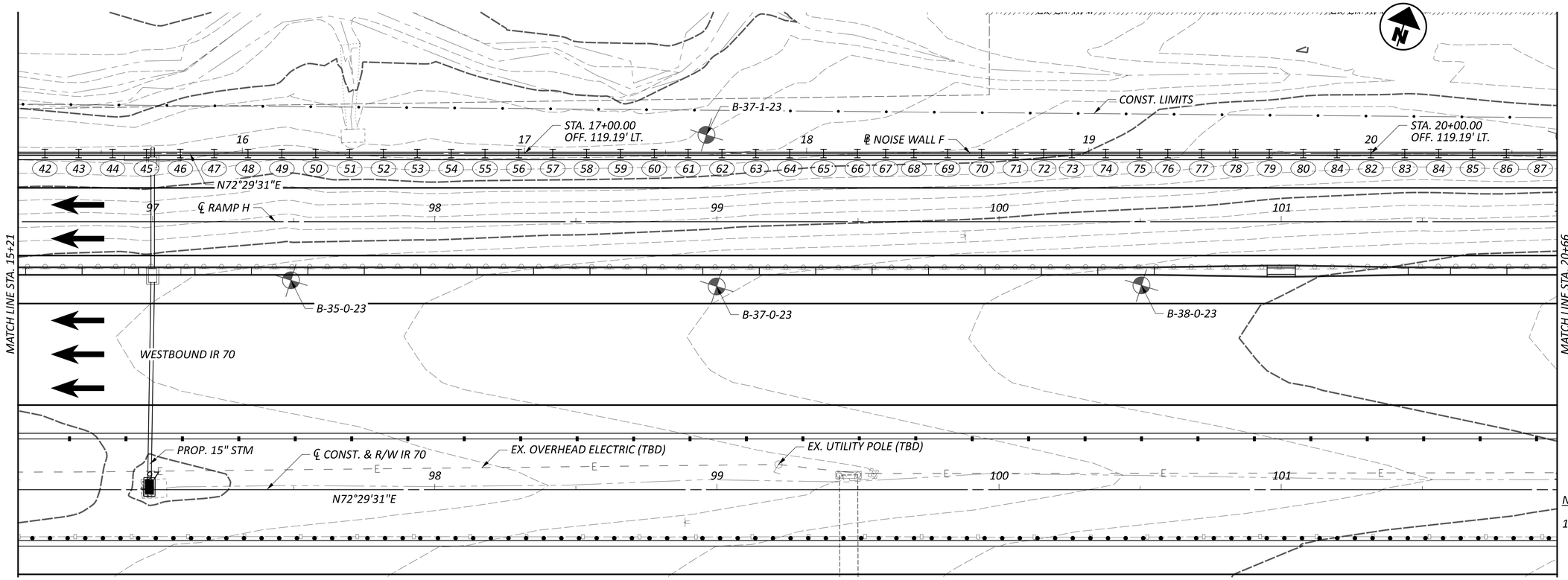
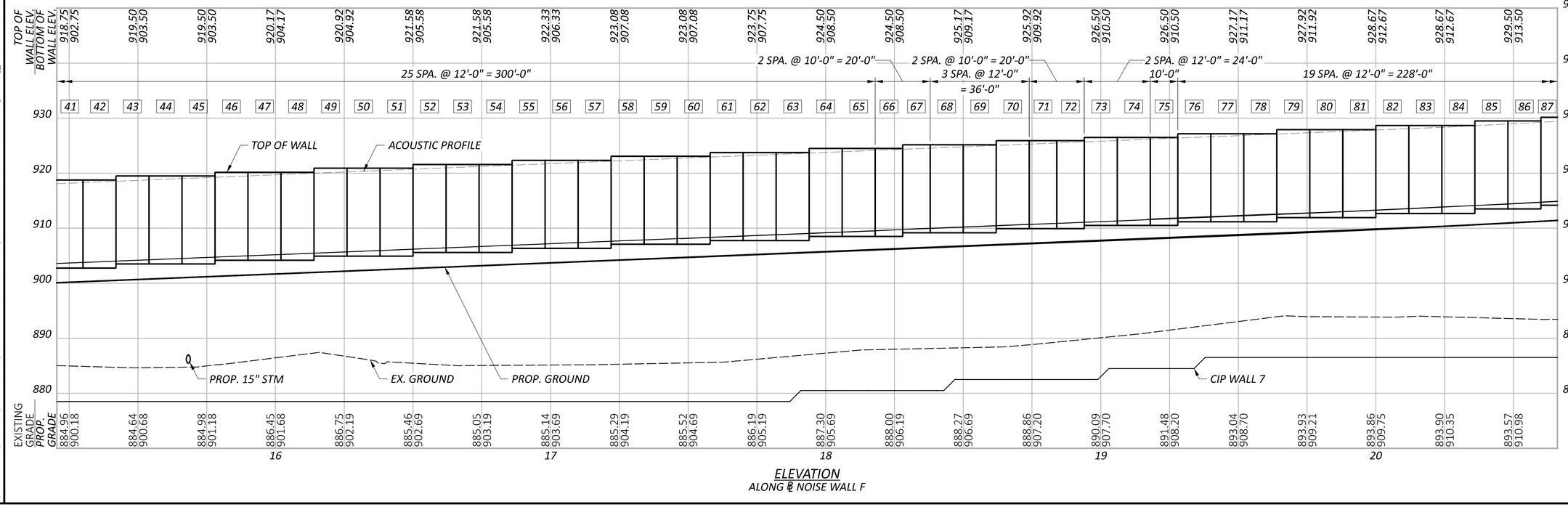


PLAN

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 30/78 THRU 33/78.



ELEVATION
ALONG ℄ NOISE WALL F

LEGEND
- SOIL BORING
- ## DRILLED SHAFT NUMBER
- ## PANEL NUMBER

NOISE WALL F PLAN AND PROFILE - 2
NOISE WALL F
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	65
TOTAL	78
SHEET	P.1284
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Wall F - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:33:21 PM USER: brieder
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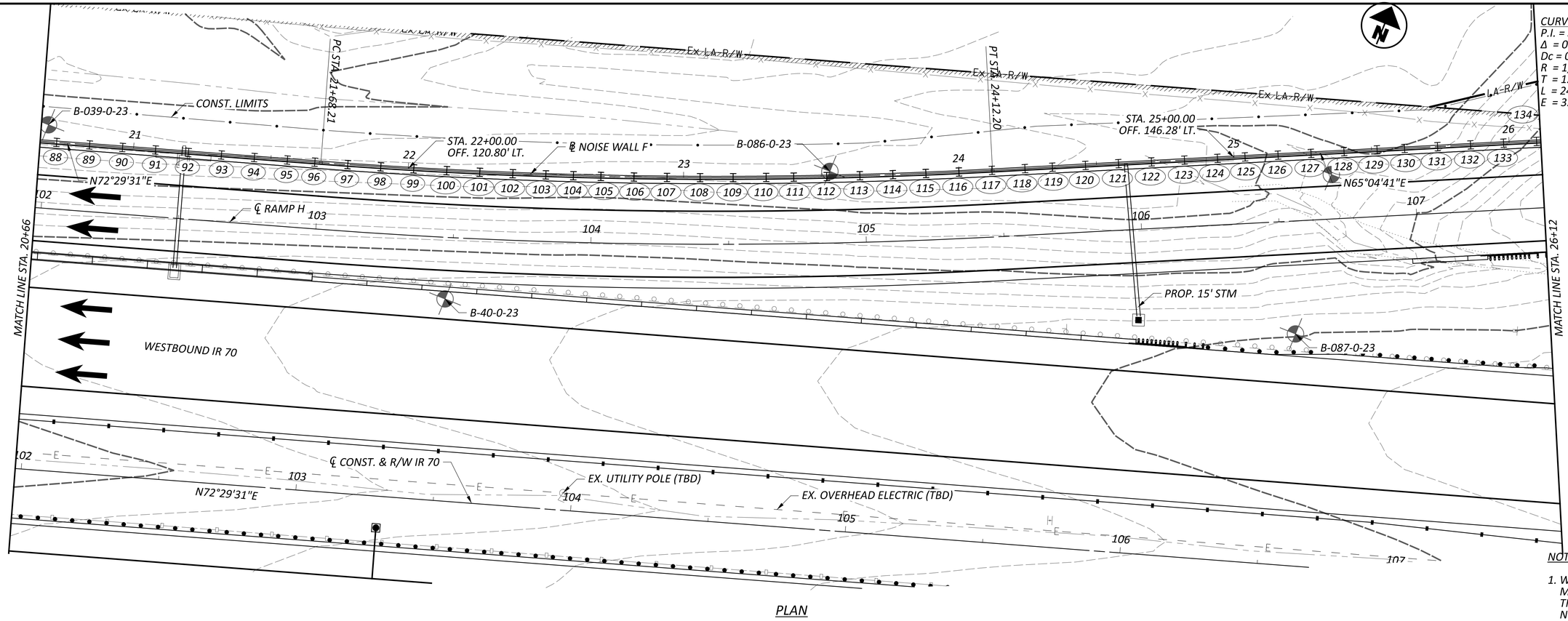
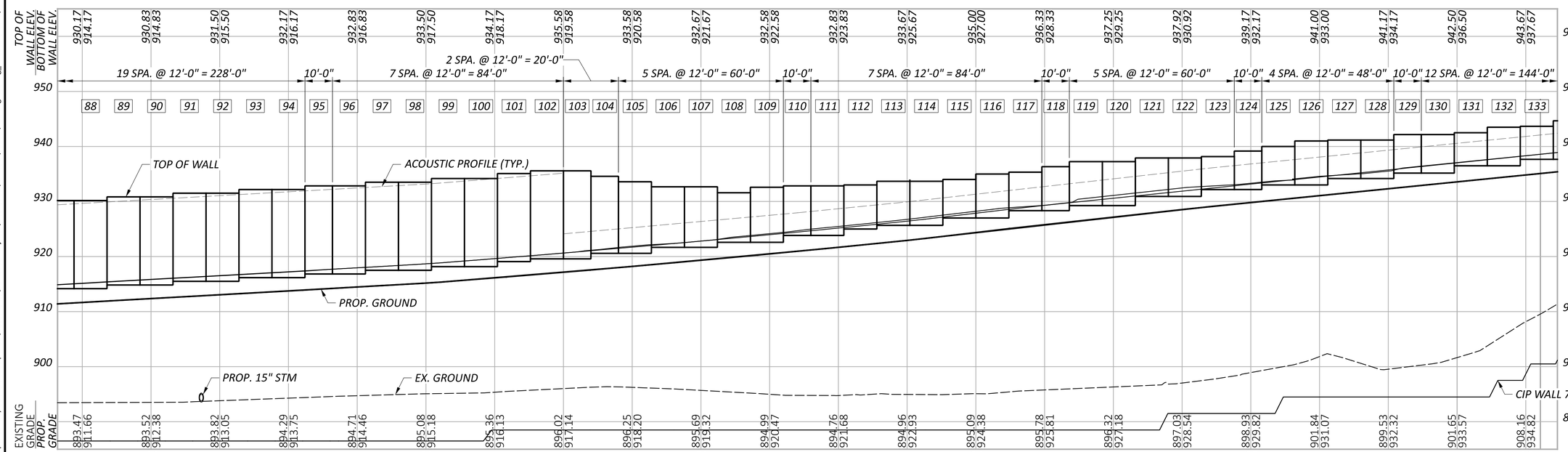


PLAN

CURVE DATA F CURVE 1
P.I. = STA. 22+90.37
Δ = 07°24'50" LT
Dc = 03°02'19"
R = 1,885.67'
T = 122.17'
L = 244.00'
E = 3.95'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 30/78 THRU 33/78.



ELEVATION
ALONG ℄ NOISE WALL F

LEGEND
- SOIL BORING
- DRILLED SHAFT NUMBER
- PANEL NUMBER

NOISE WALL F PLAN AND PROFILE - 3
NOISE WALL F ALONG IR 70

FAI/LIC-70-0.00/0.00

MODEL: Wall F - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:33:22 PM USER: brieder
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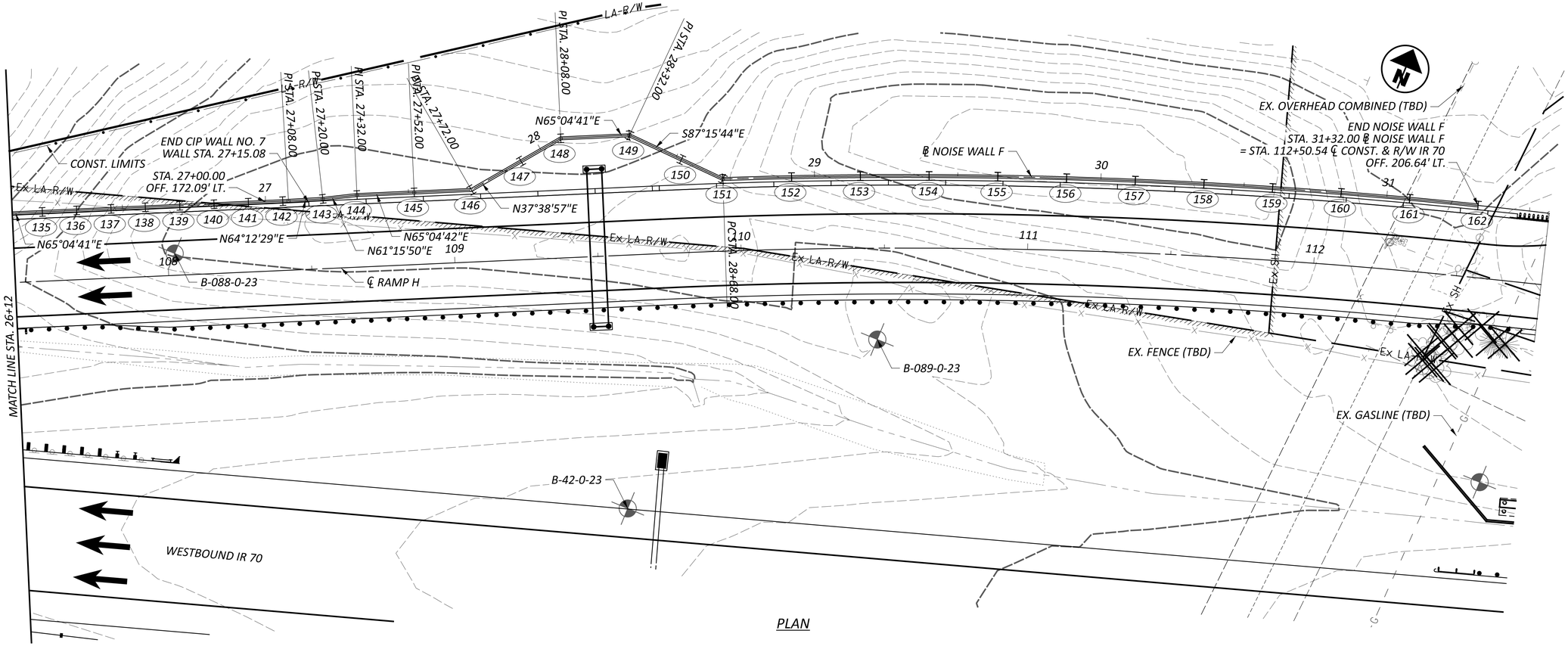
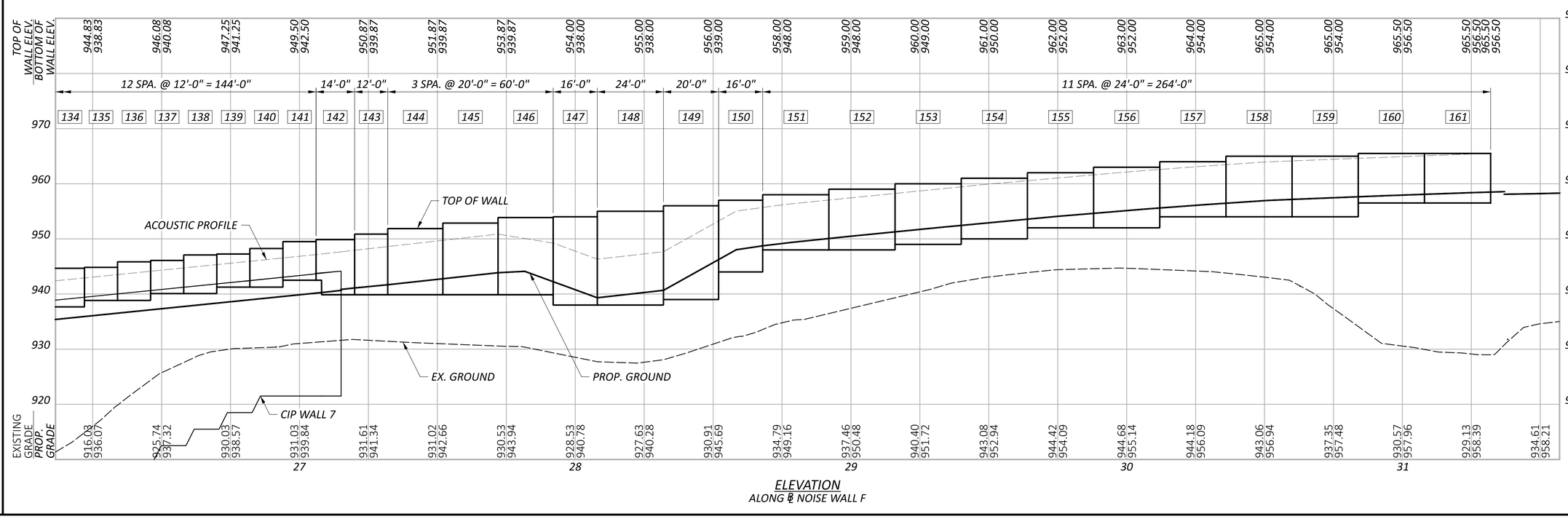
SFN	0
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	66
TOTAL	78
SHEET	P.1285
TOTAL	P.2024



PLAN



ELEVATION
ALONG ℄ NOISE WALL F

LEGEND
- SOIL BORING
- DRILLED SHAFT NUMBER
- PANEL NUMBER

CURVE DATA F CURVE 2
P.I. = STA. 30+12.77
Δ = 08°33'26" RT
Dc = 02°57'40"
R = 1,935.03'
T = 144.77'
L = 289'
E = 5.41'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 30/78 THRU 33/78.

NOISE WALL F PLAN AND PROFILE - 4
NOISE WALL F ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	67
TOTAL	78
SHEET	P.1286
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

MODEL: Wall F - Plan 4 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 4:33:24 PM USER: brieder
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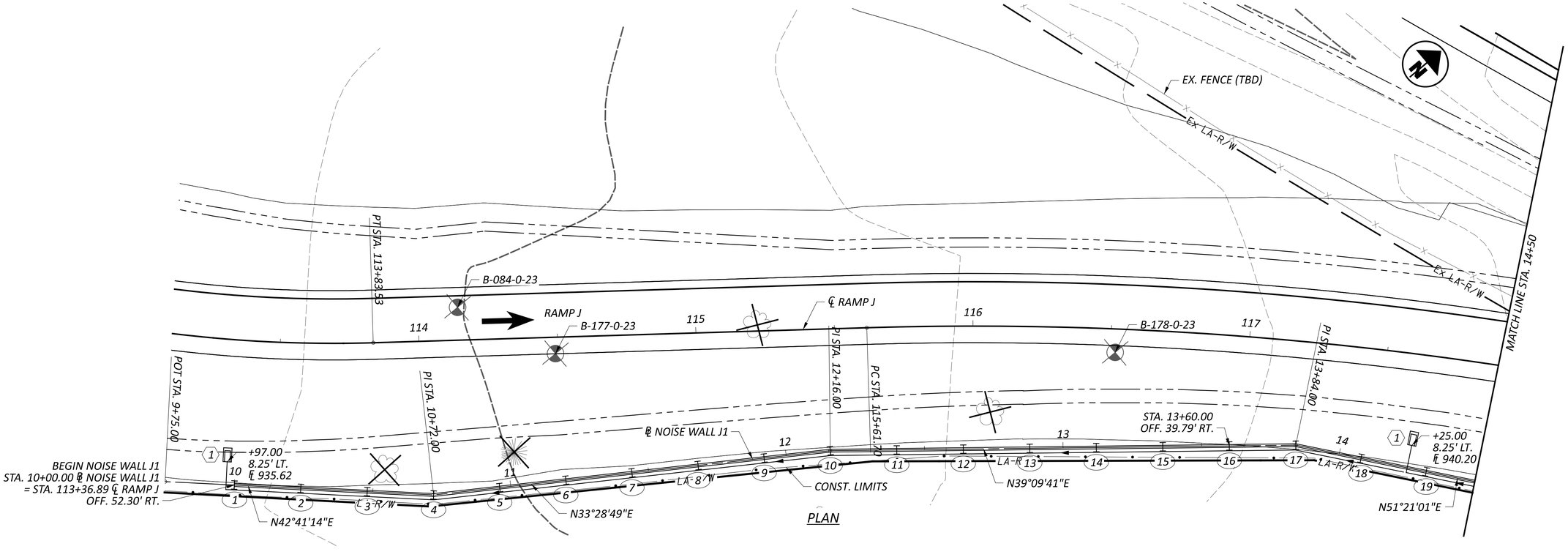

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 1
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	68
TOTAL	78
SHEET	P.1287
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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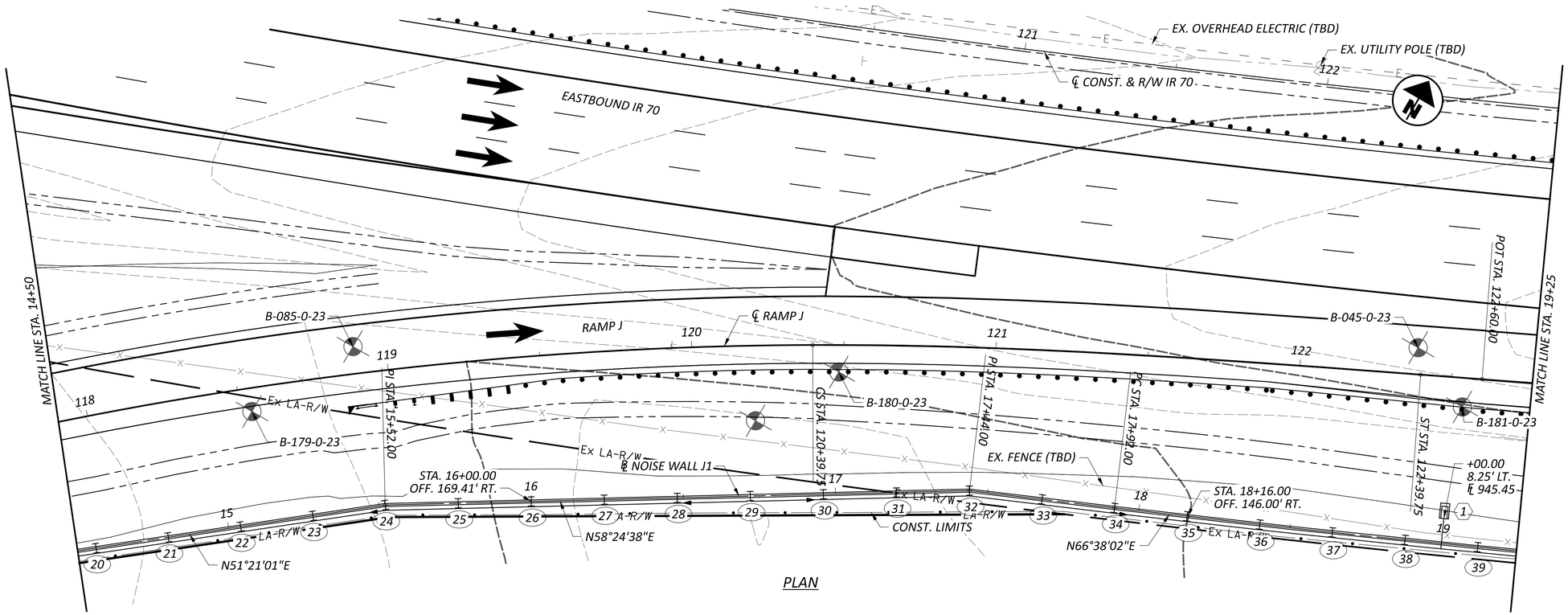

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- DRILLED SHAFT NUMBER
- PANEL NUMBER
- 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 2
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	69
TOTAL	78
SHEET	P.1288
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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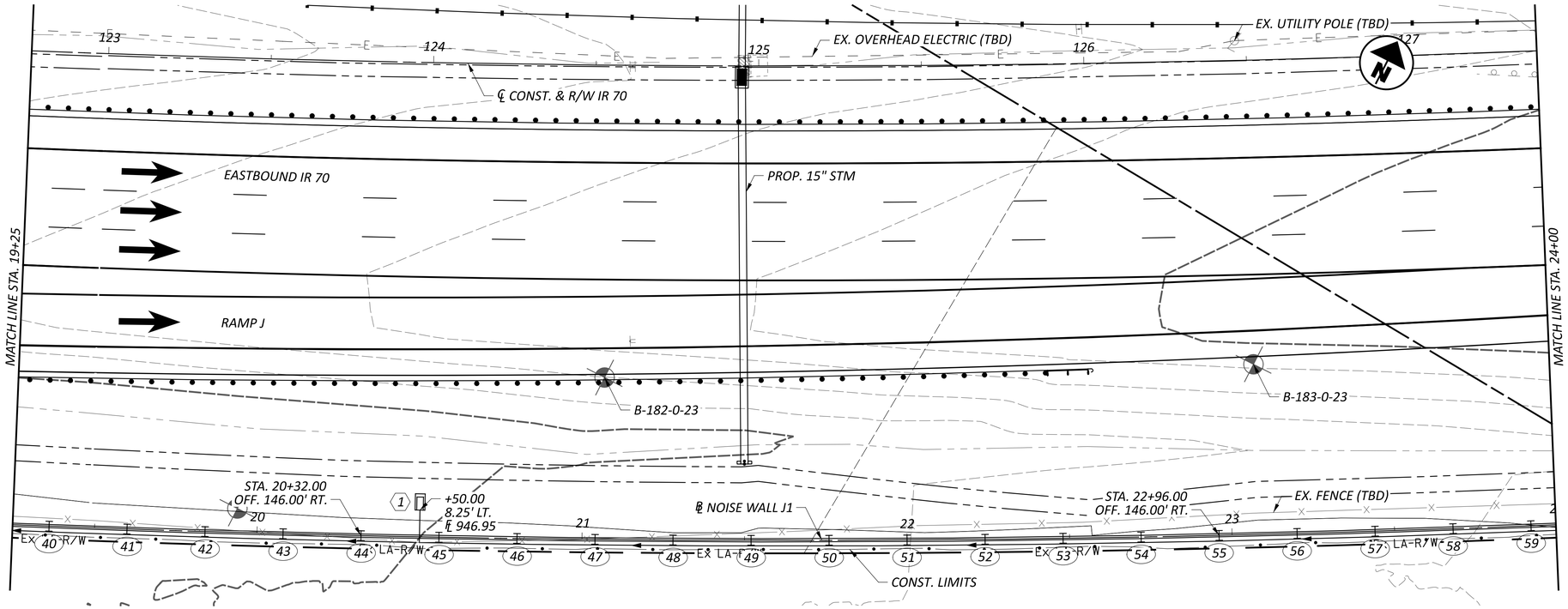
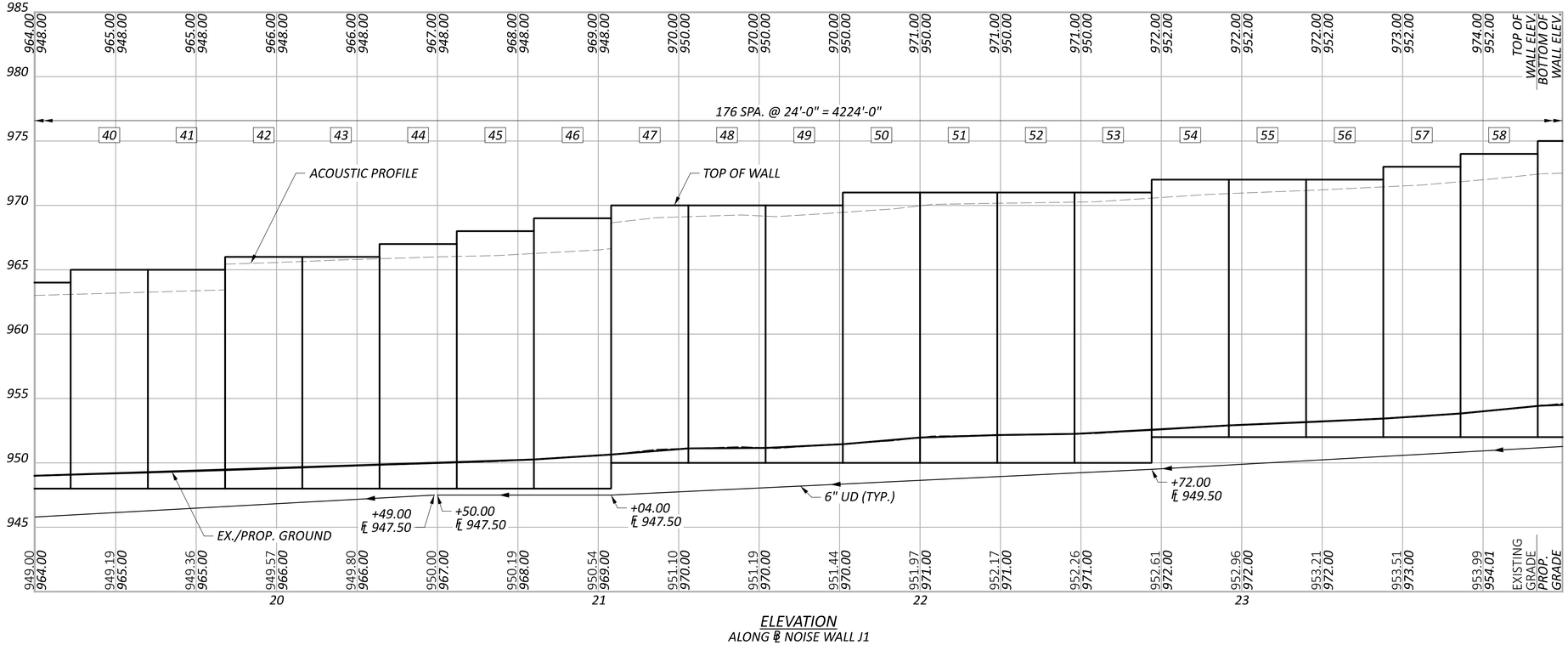


PLAN



ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 3
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	70
TOTAL	78
SHEET	P.1289
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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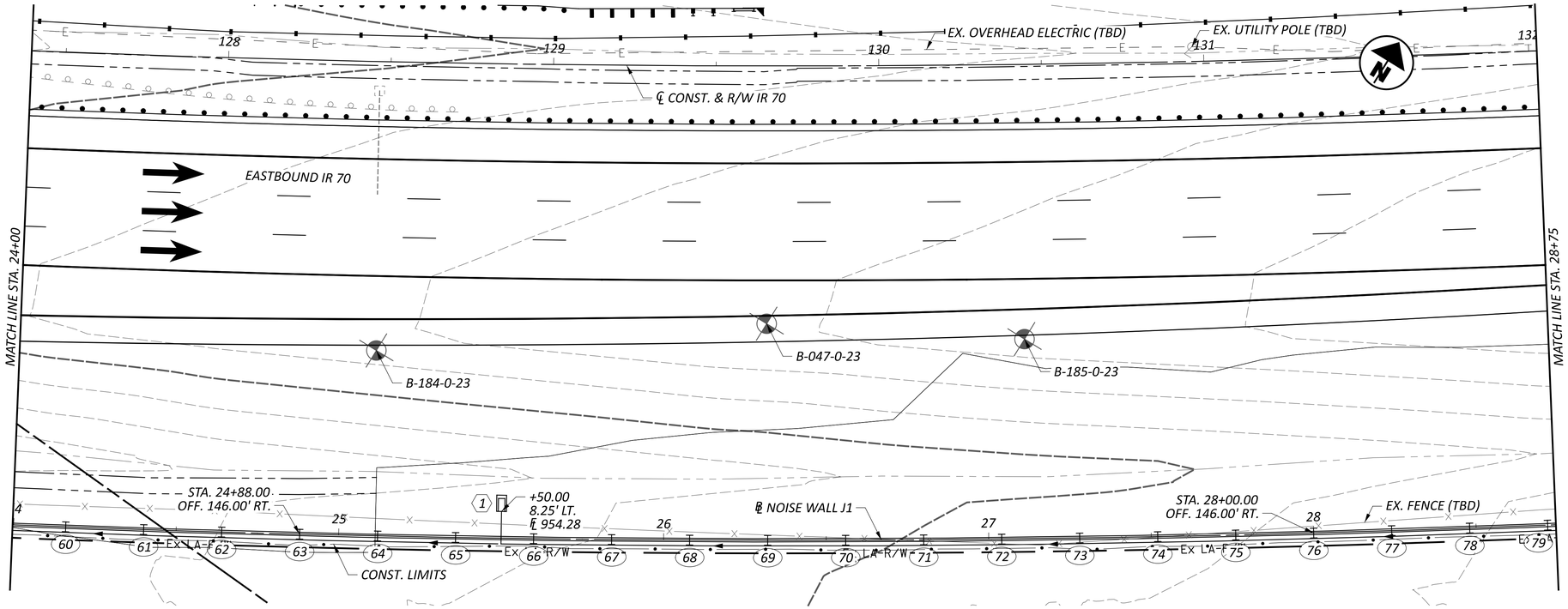
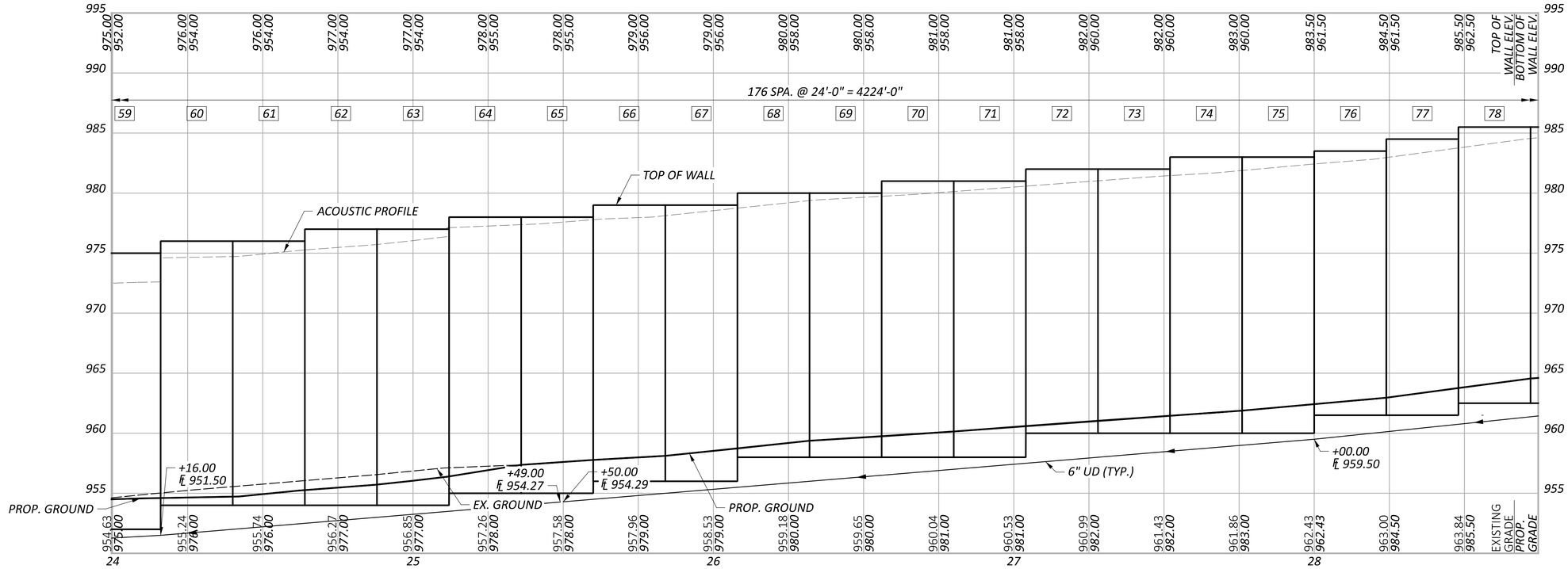


PLAN



ELEVATION
ALONG ℄ NOISE WALL J1

NOISE WALL J1 CURVE 1
P.I. = STA. 26+37.77
Δ = 16°22'59" LT
Dc = 00°58'31"
R = 5,875.42'
T = 845.77'
L = 1,680.00'
E = 60.56'

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- DRILLED SHAFT NUMBER
- PANEL NUMBER
- 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 4
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	71
TOTAL	78
SHEET	P.1290
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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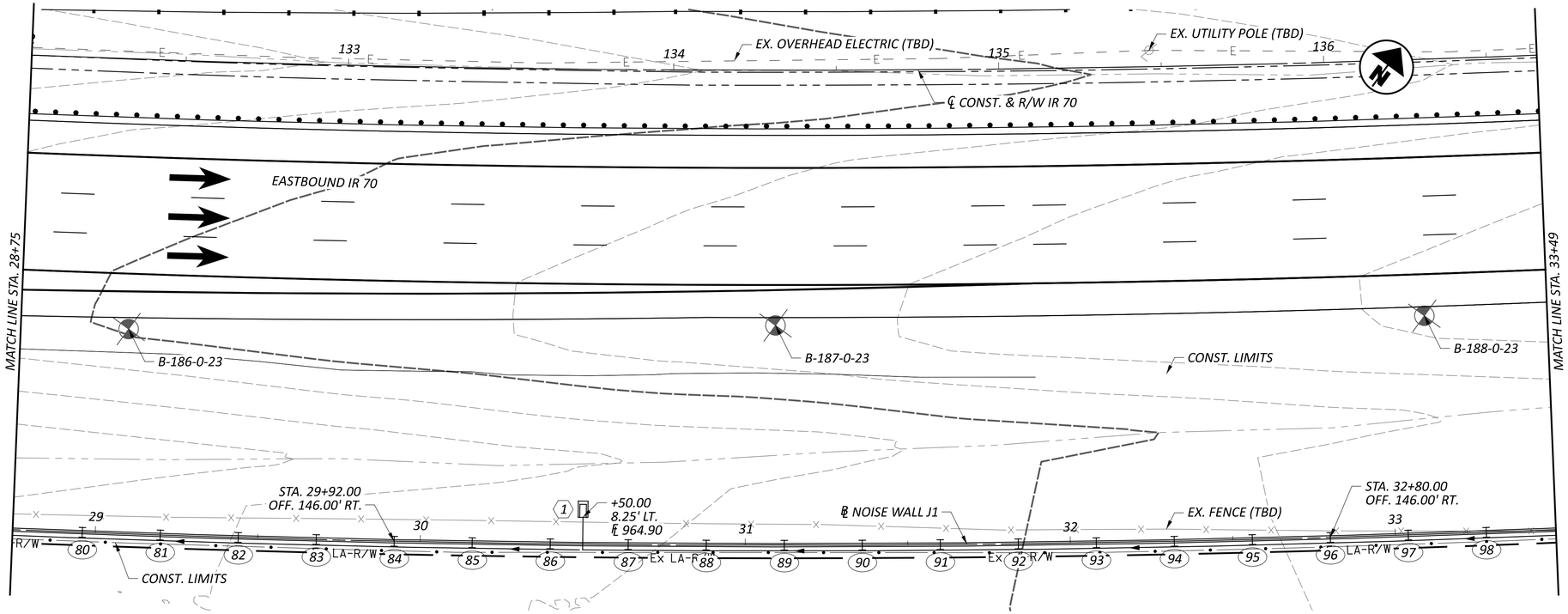
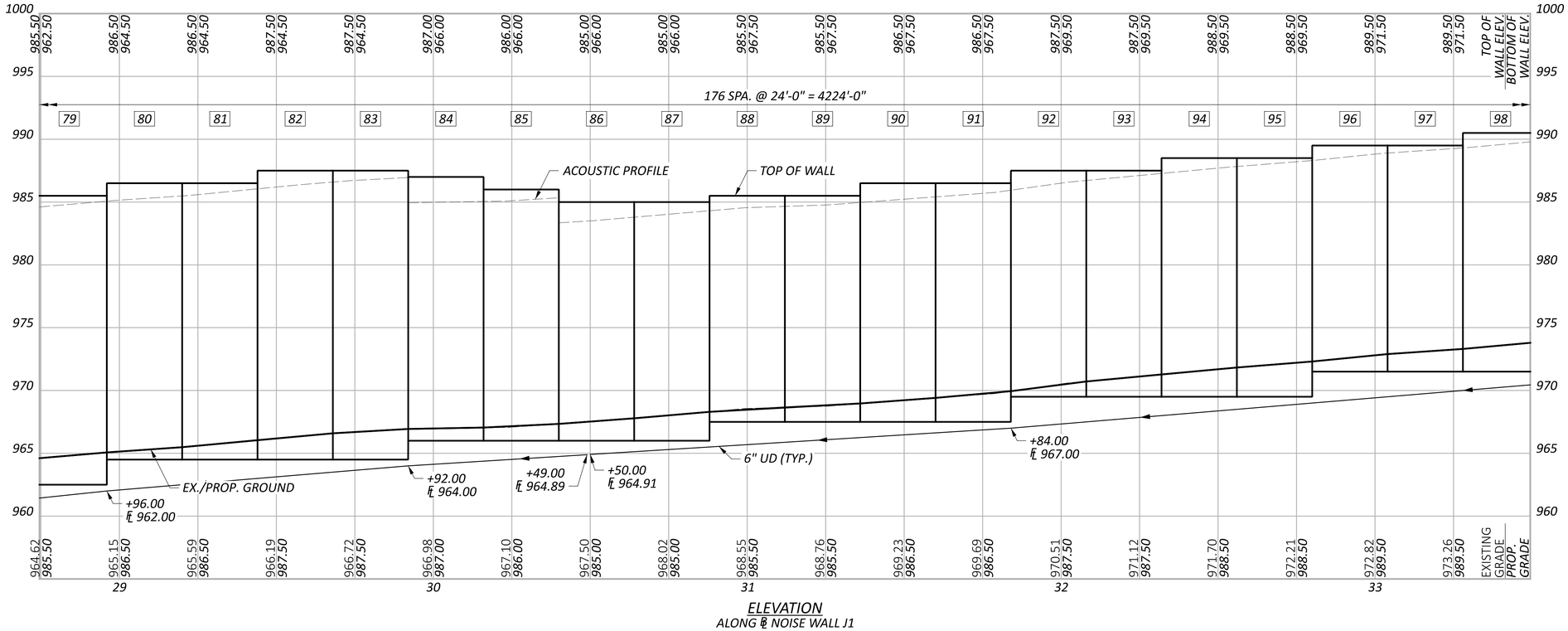


PLAN



ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- (##) - DRILLED SHAFT NUMBER
- [##] - PANEL NUMBER
- (1) - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 5
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	72
TOTAL	78
SHEET	P.1291
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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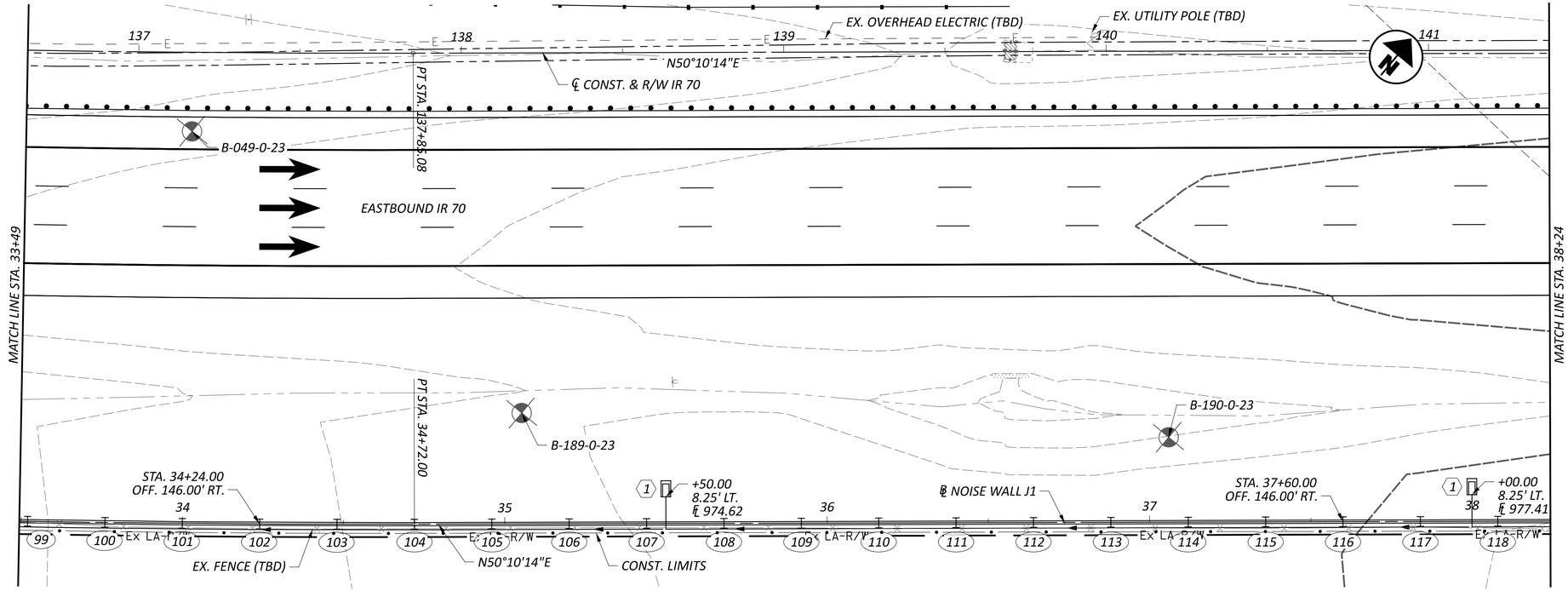
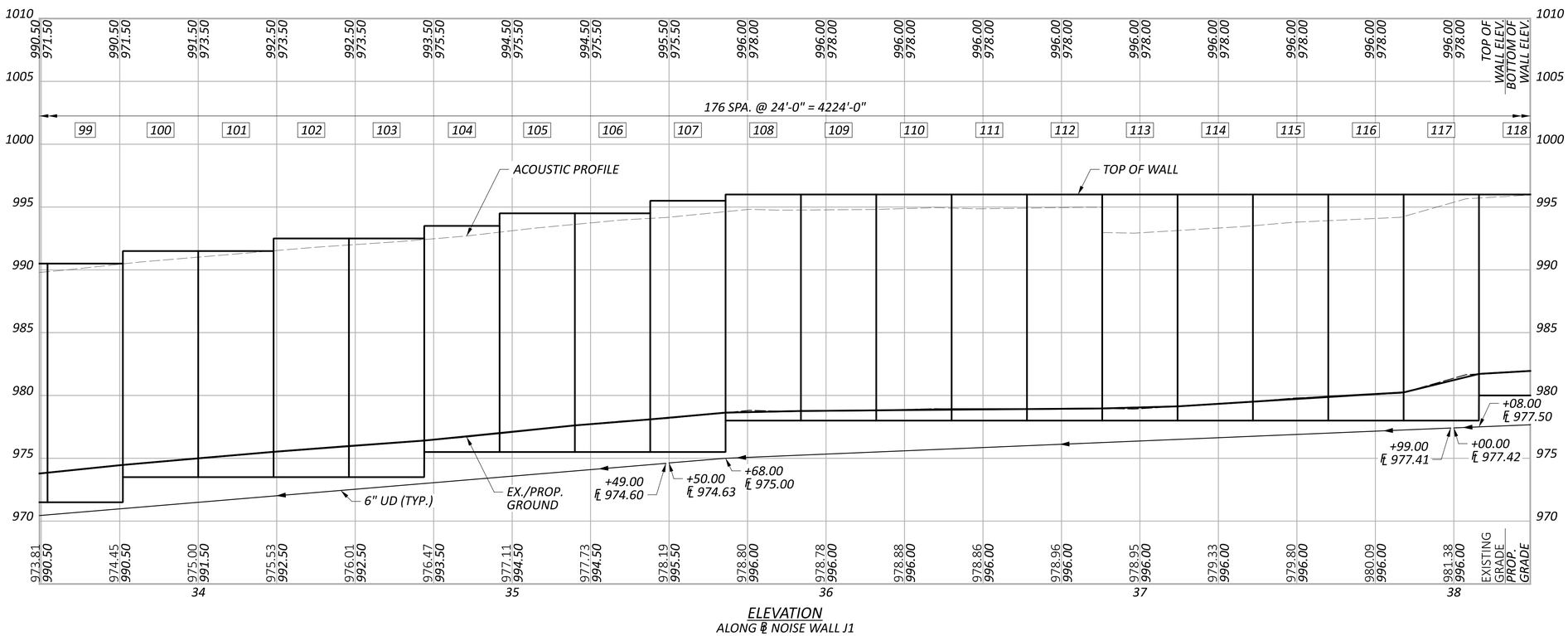


PLAN



ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 6
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	73
TOTAL	78
SHEET	P.1292
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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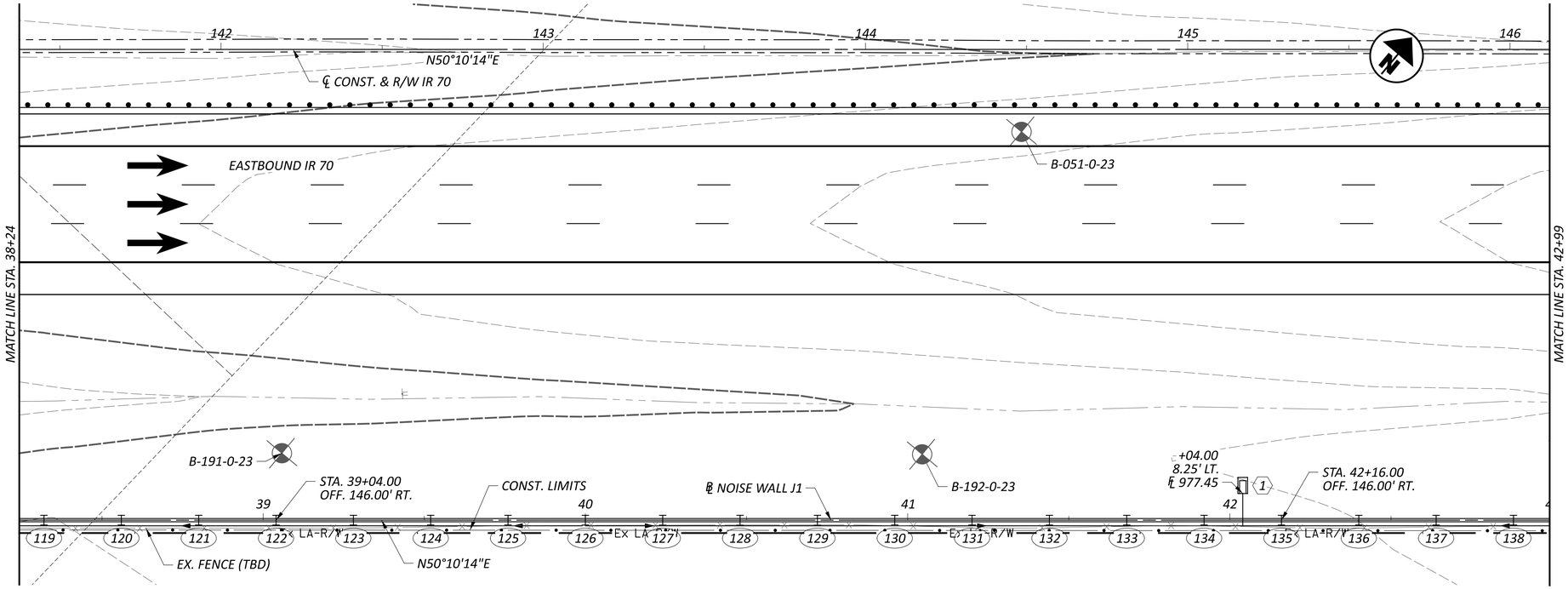
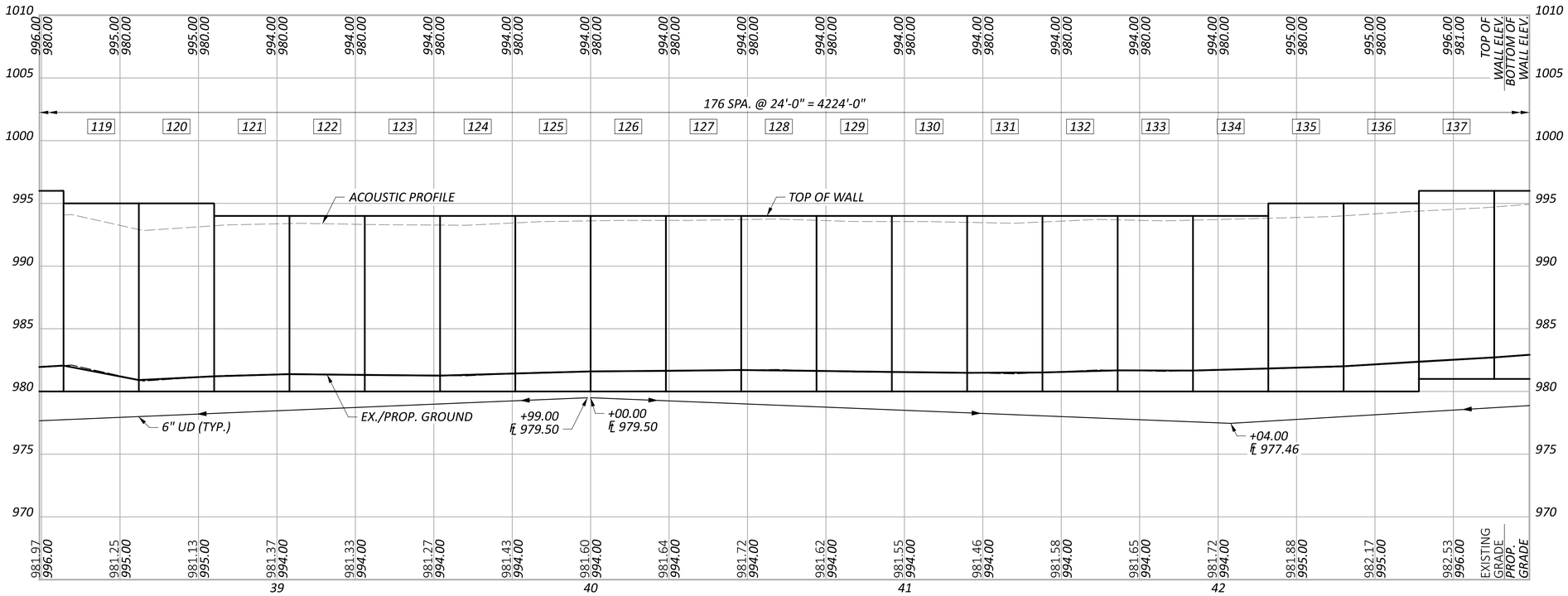


PLAN



ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 7
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	74
TOTAL	78
SHEET	P.1293
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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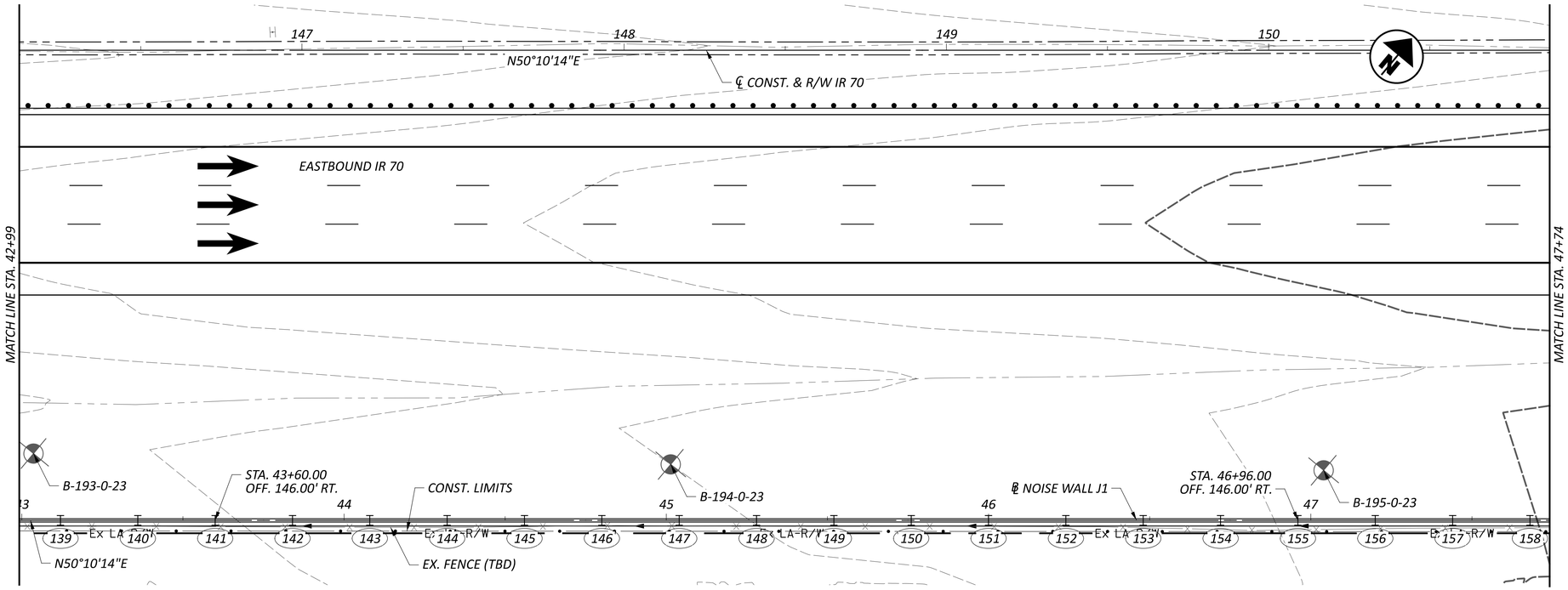

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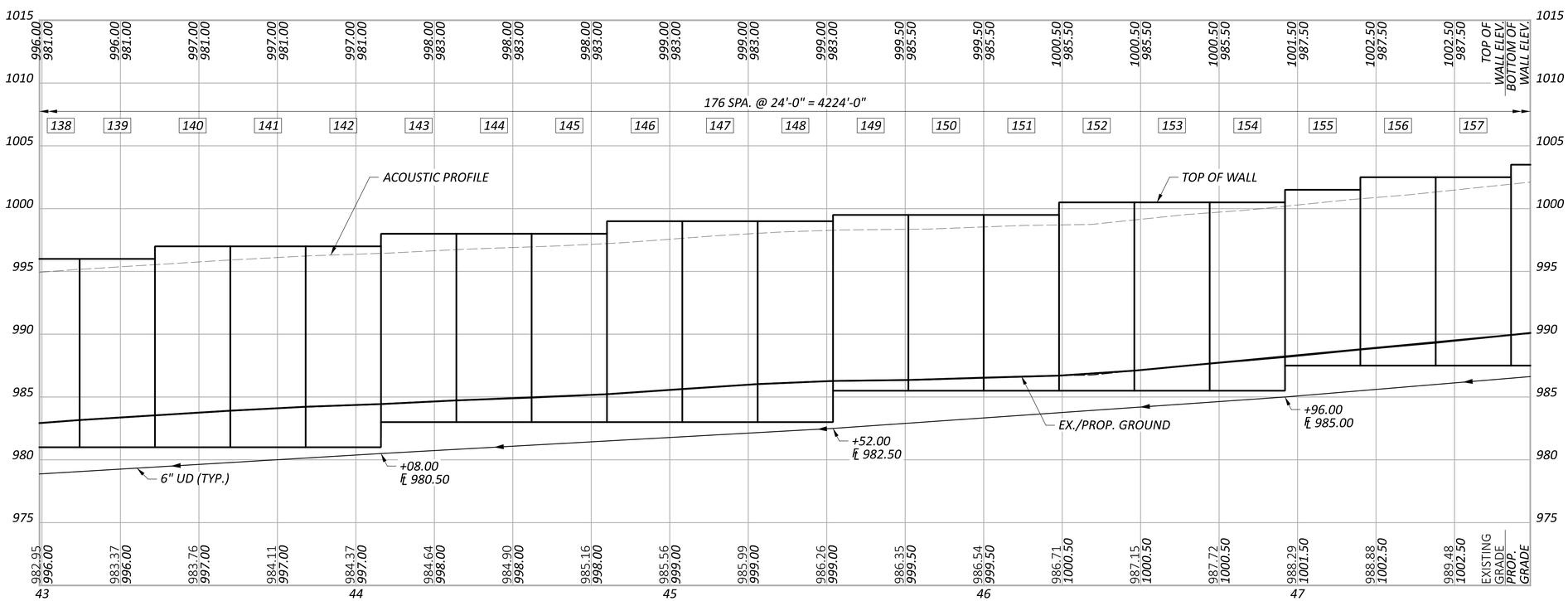

ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER

NOISE WALL J1 PLAN AND PROFILE - 8
NOISE WALL J1
ALONG IR 70

SFN 0

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	DTF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
75	78

SHEET	TOTAL
P.1294	P.2024

FAI/LIC-70-0.00/0.00

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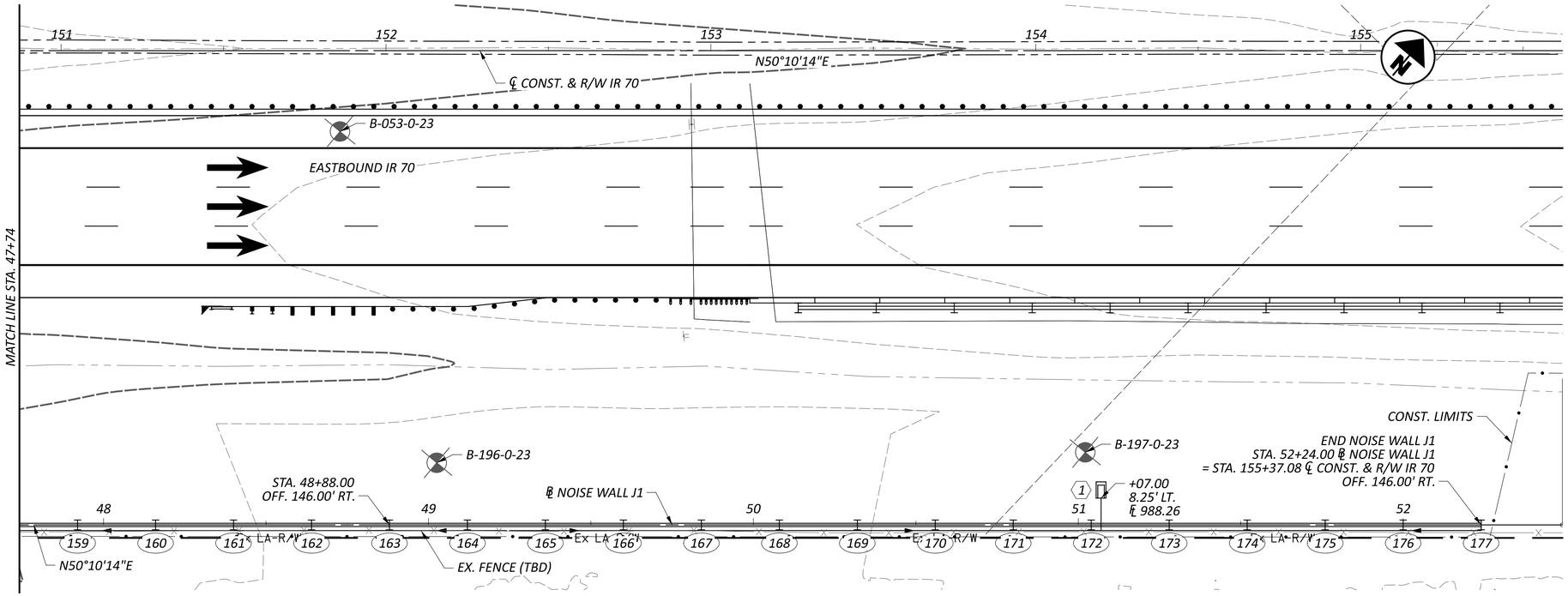

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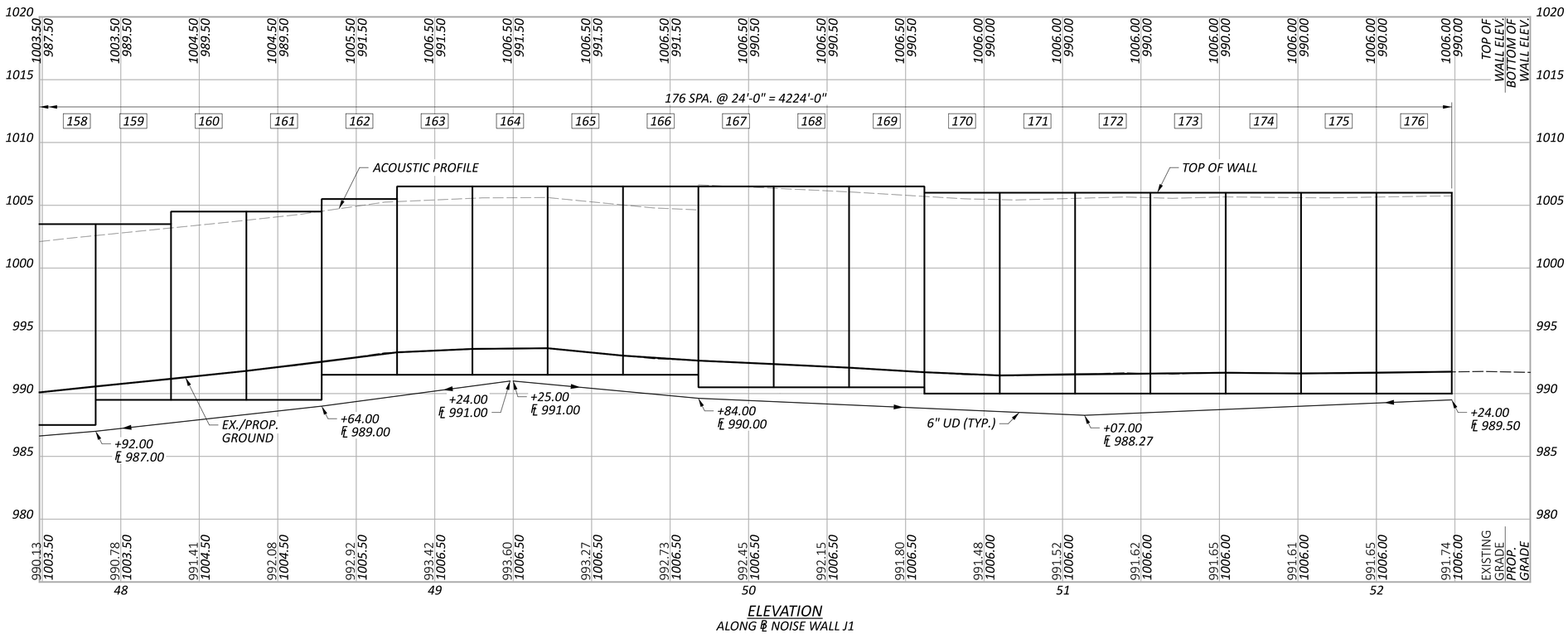

ELEVATION
ALONG ℄ NOISE WALL J1

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 33/78 THRU 36/78.

LEGEND

- SOIL BORING
- PRECAST REINFORCED OUTLET
- ## - DRILLED SHAFT NUMBER
- ## - PANEL NUMBER
- 1 - 10' LONG - 6" DIA. CONDUIT, TYPE F @ 1.00% WITH DM 1.1 PRECAST REINFORCED OUTLET

NOISE WALL J1 PLAN AND PROFILE - 9
NOISE WALL J1
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	76
TOTAL	78
SHEET	P.1295
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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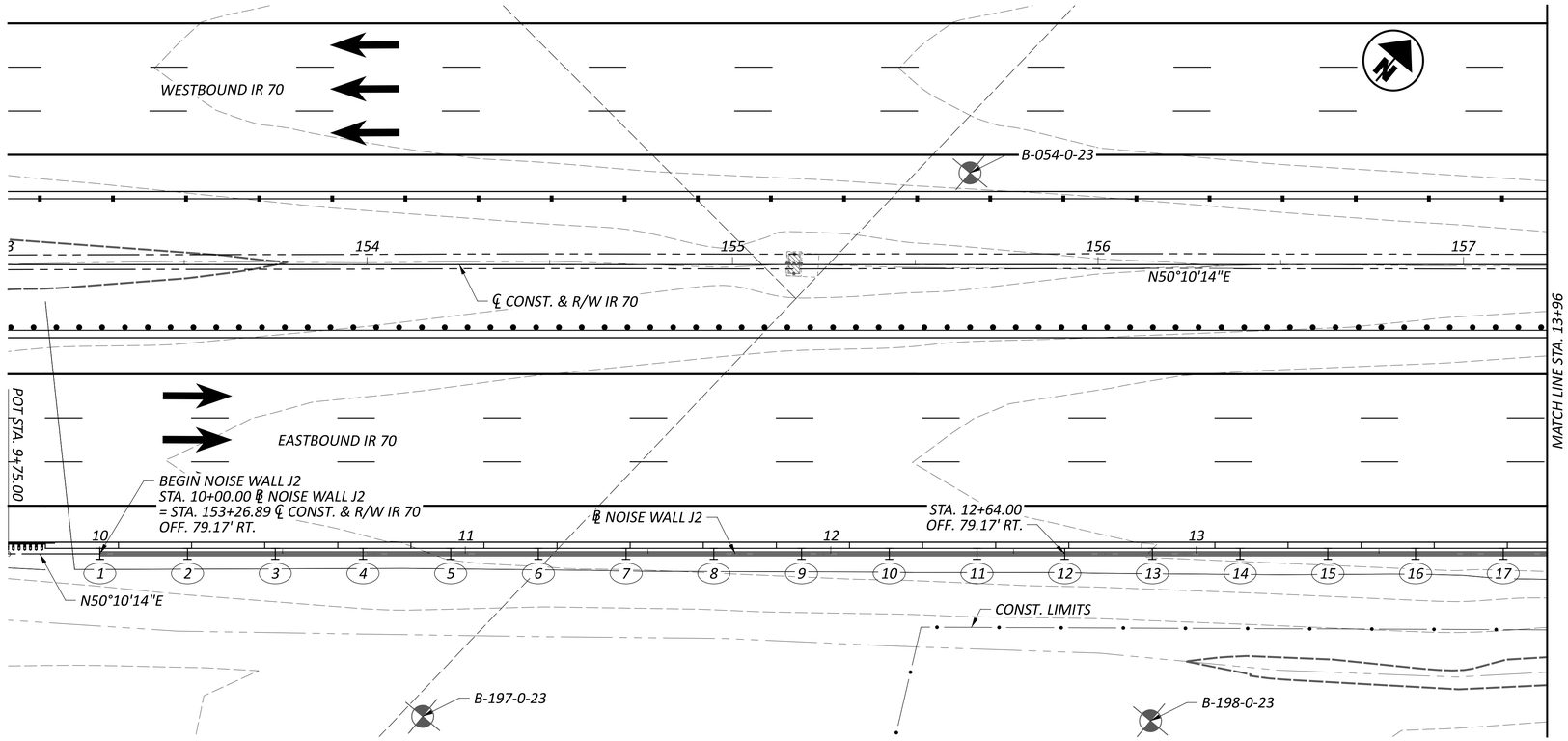

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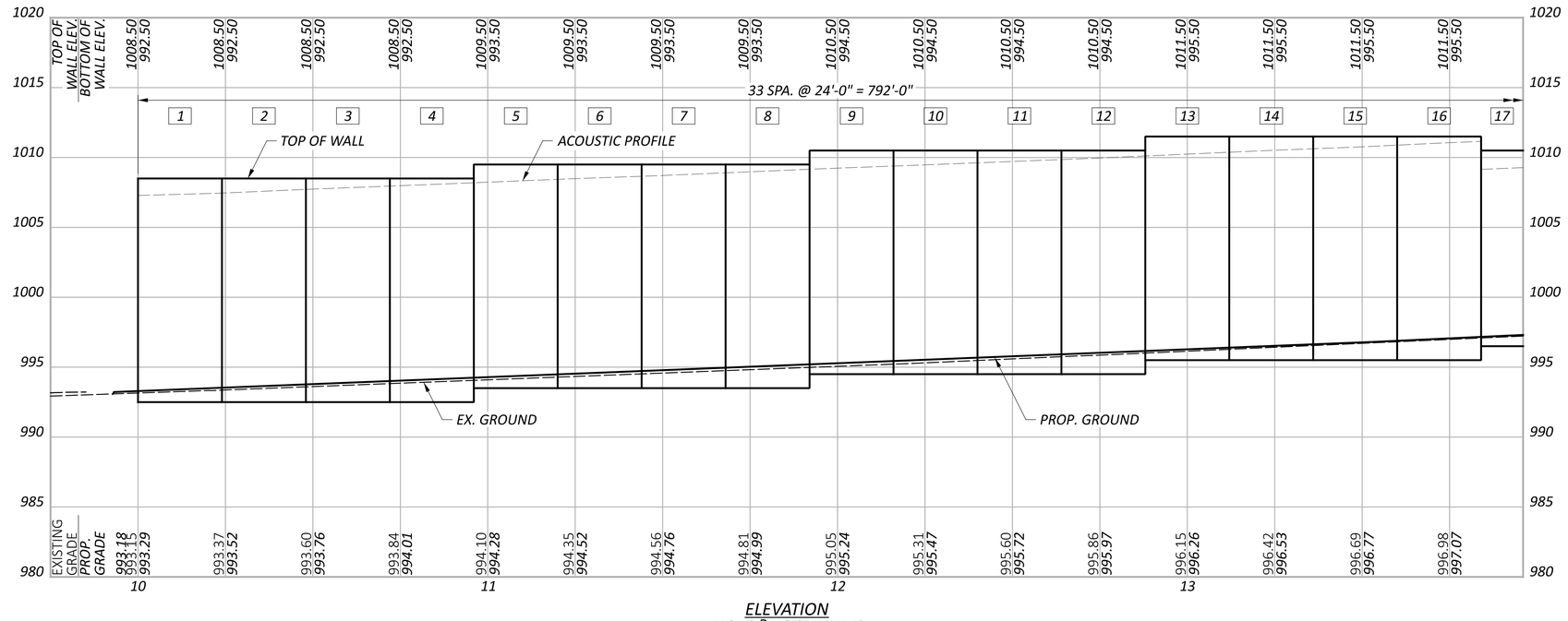

ELEVATION
ALONG ℄ NOISE WALL J2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 36/78.

LEGEND

- SOIL BORING
(##) - DRILLED SHAFT NUMBER
[##] - PANEL NUMBER

NOISE WALL J2 PLAN AND PROFILE - 1
NOISE WALL J2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	77
TOTAL	78
SHEET	P.1296
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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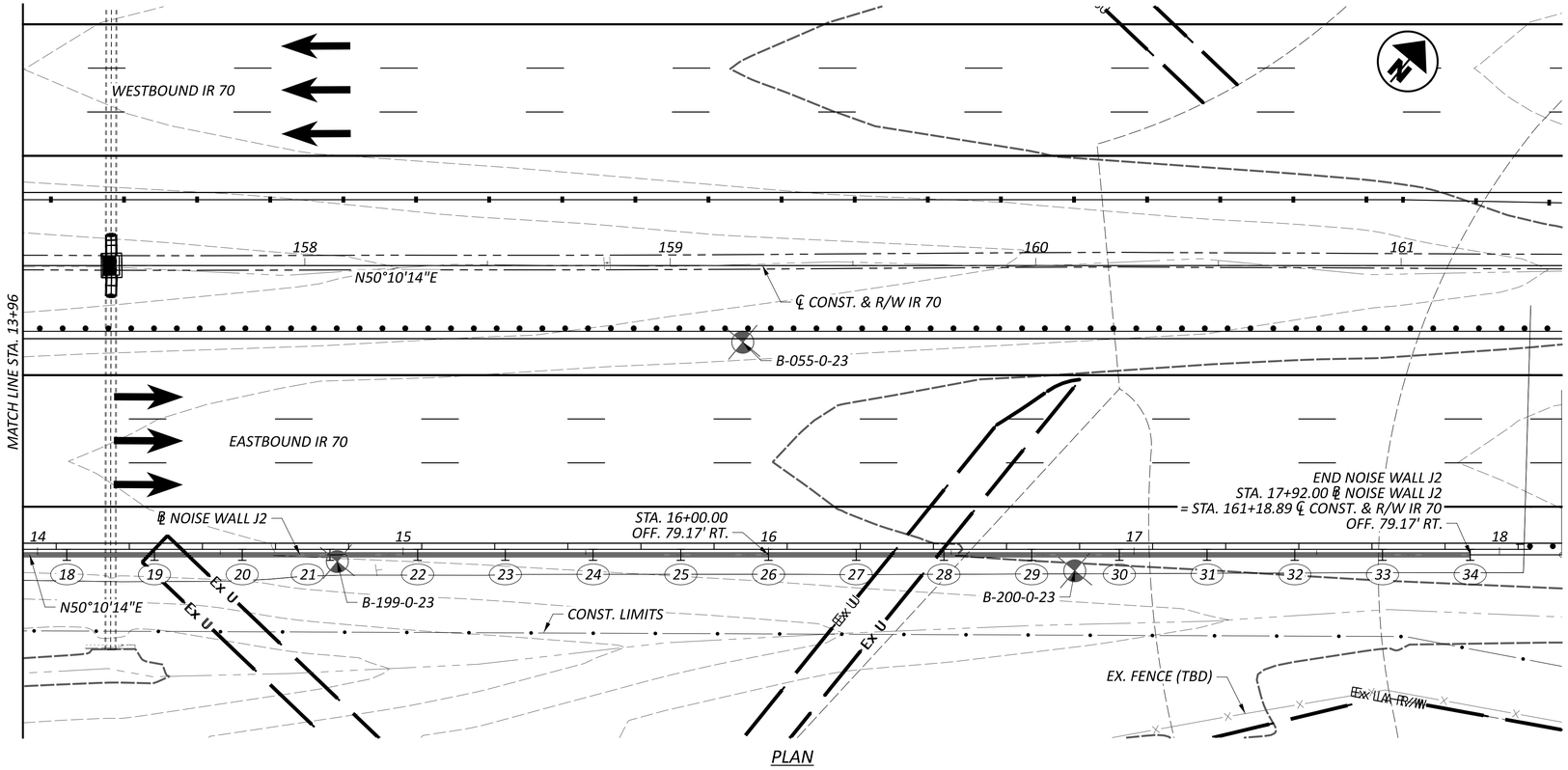
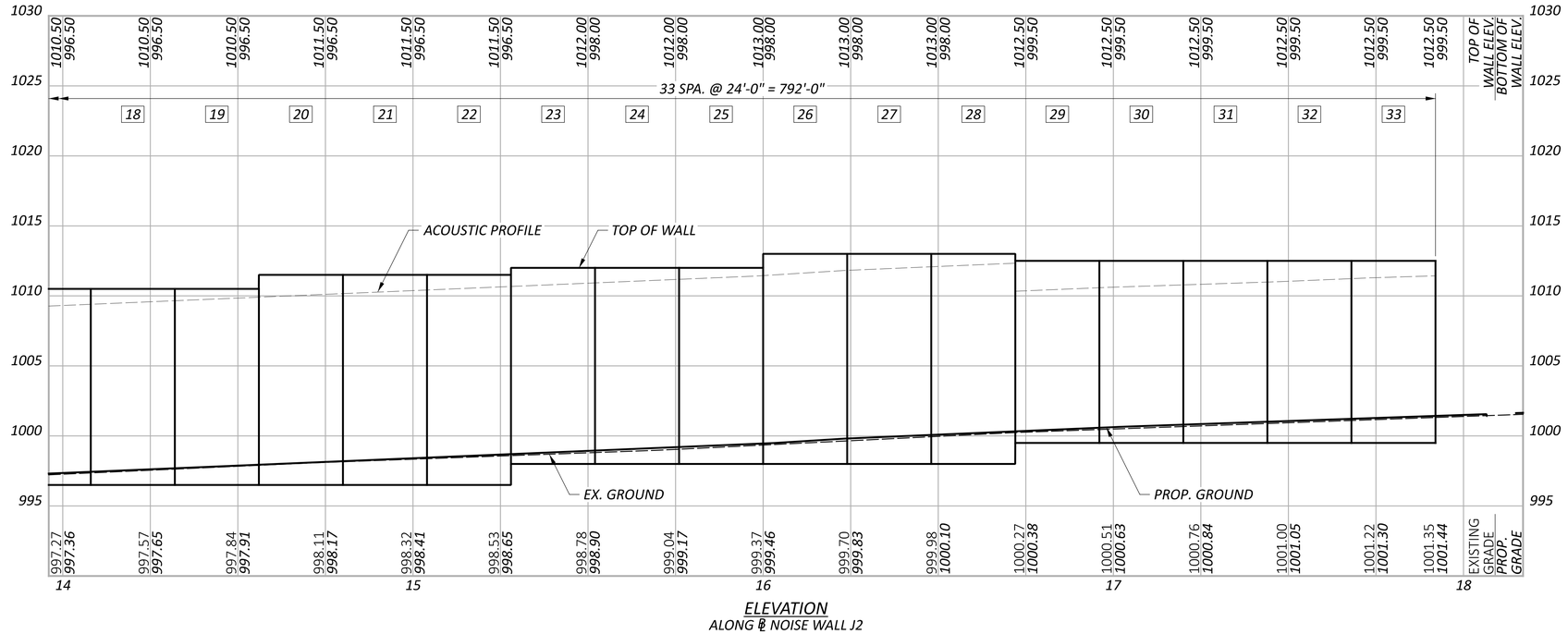


PLAN



ELEVATION
ALONG ℄ NOISE WALL J2

NOTES:

1. WALL LENGTHS MEASURED ALONG THE PROP. ℄ OF NOISE WALL. FOR NOISE WALL SUBSUMMARY, SEE SHEETS 36/78.

LEGEND

- SOIL BORING
- DRILLED SHAFT NUMBER
- PANEL NUMBER

NOISE WALL J2 PLAN AND PROFILE - 2
NOISE WALL J2
ALONG IR 70

SFN	0
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	DTF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	78
TOTAL	78
SHEET	P.1297
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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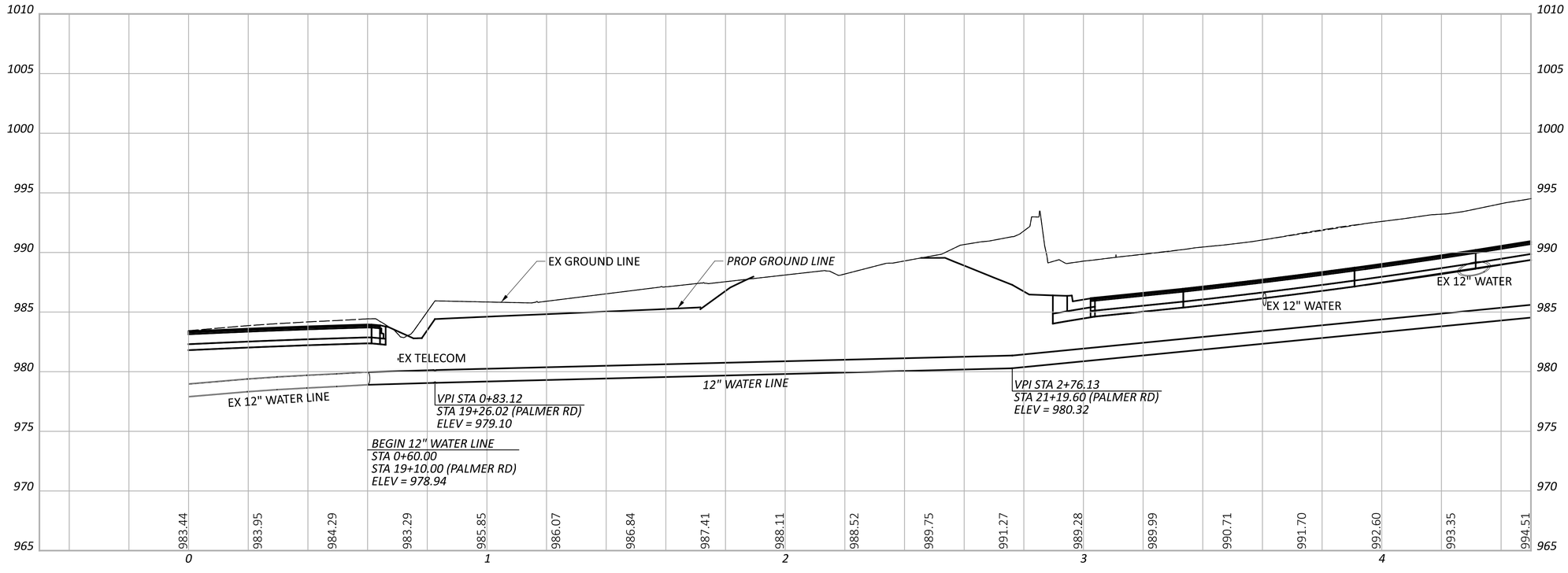

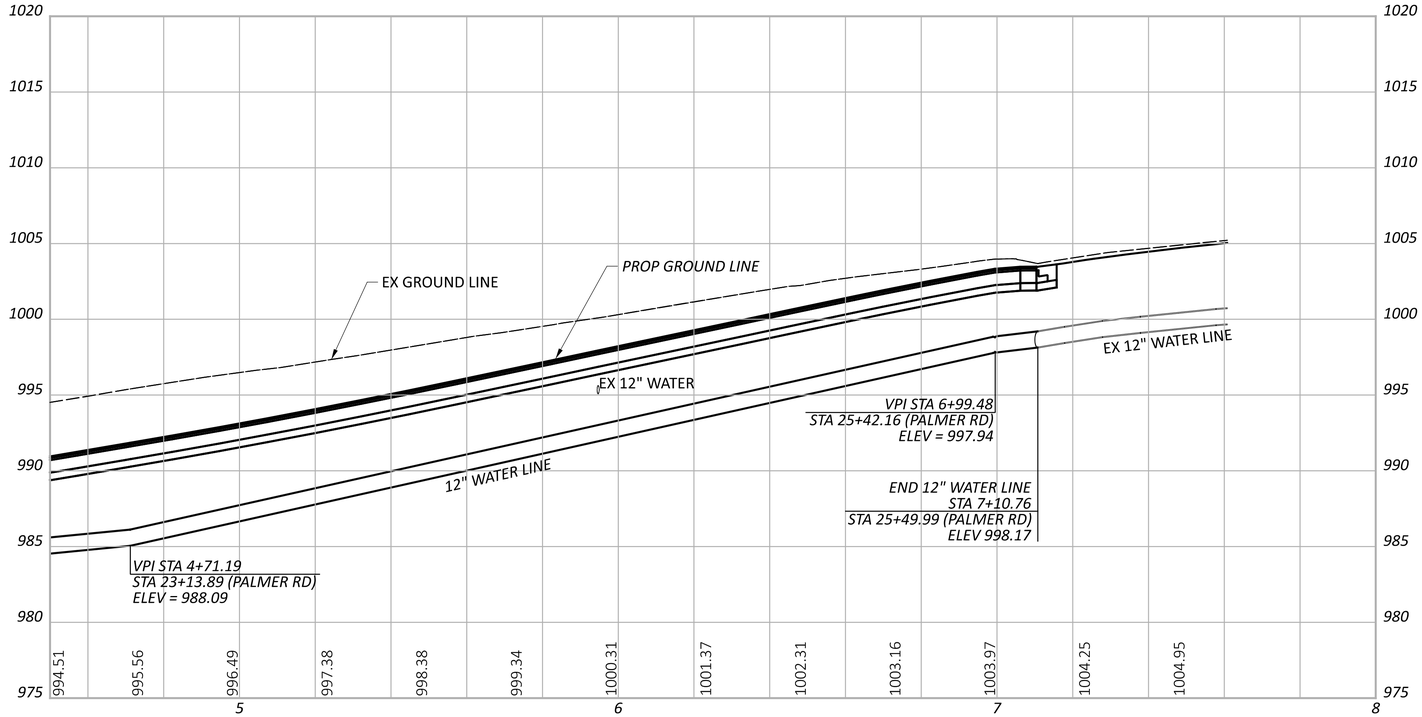

WATER LINE PROFILE
PALMER ROAD

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_WATERPAL - WATERPAL 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 5:49:58 PM USER: brieder
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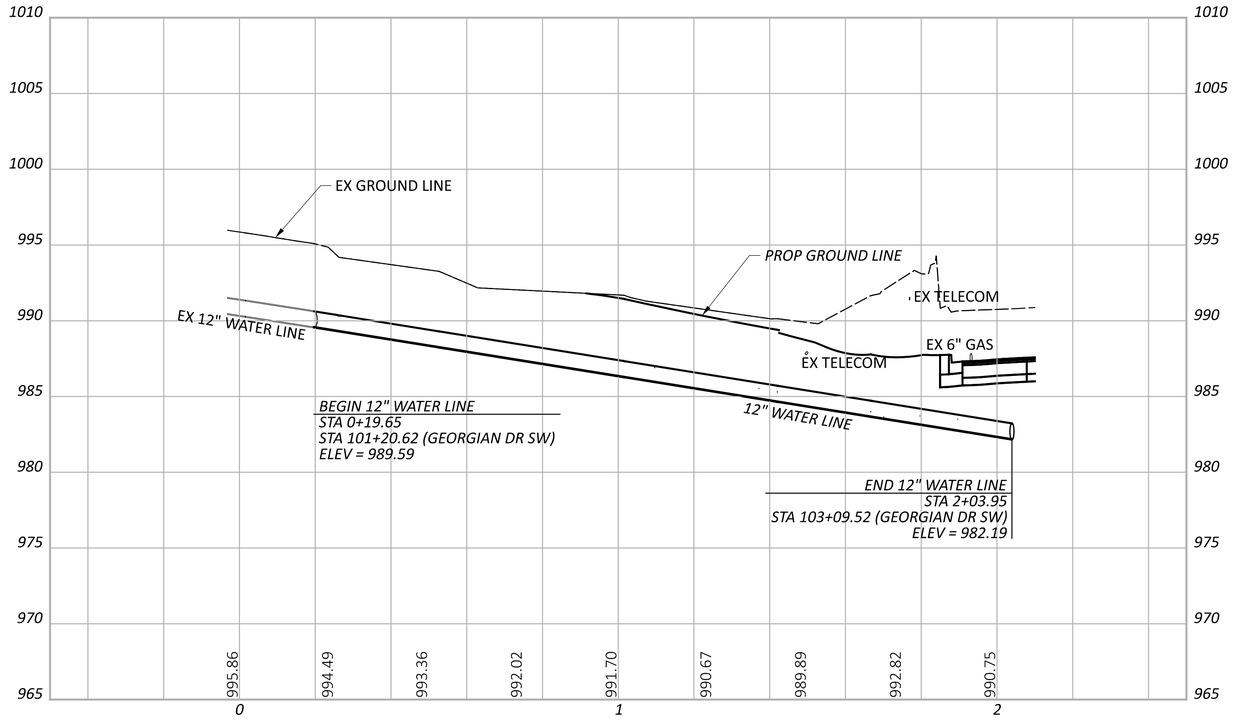
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1298 TOTAL P.2024



WATER LINE PROFILE
GEORGIAN DRIVE SW

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

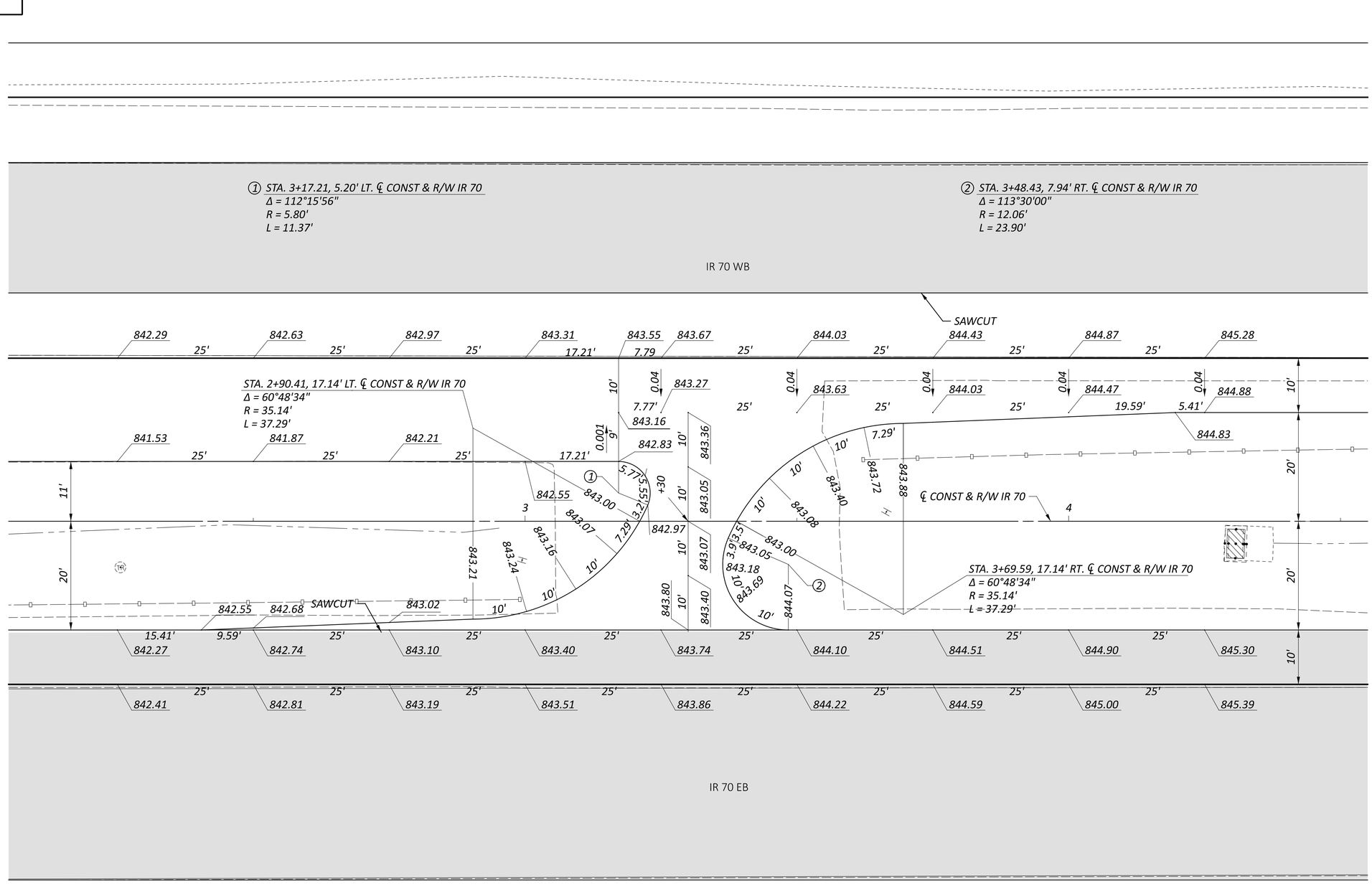
REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1299 TOTAL P.2024

LEGEND

- OVERLAY/PLANING



HORIZONTAL SCALE IN FEET
0 5 10 20

MEDIAN CROSSOVER DETAIL STA. 3+30.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1300 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/19/2026 TIME: 7:55:30 PM USER: brieder
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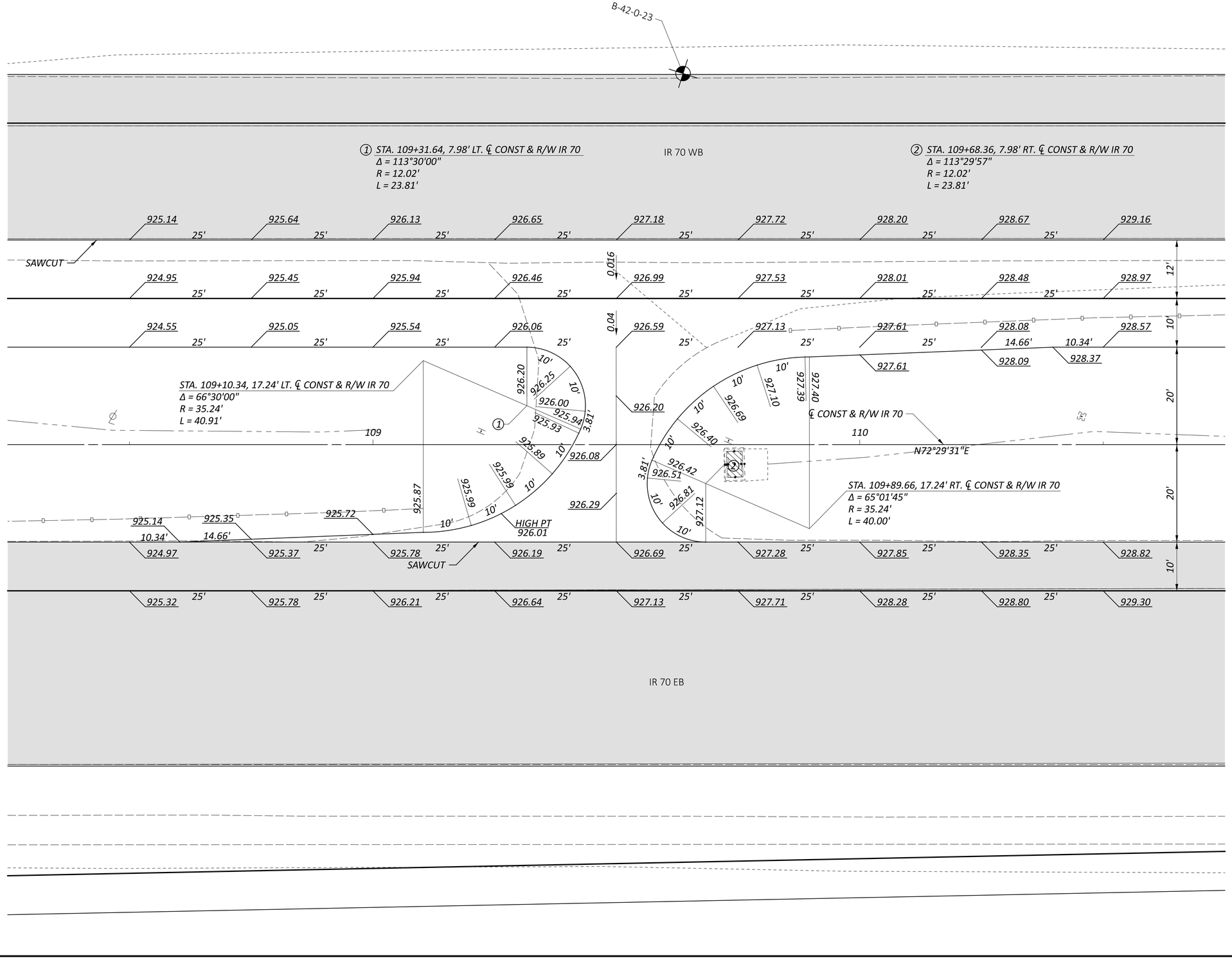
LEGEND

- OVERLAY/PLANING



HORIZONTAL SCALE IN FEET
0 5 10 20

MEDIAN CROSSOVER DETAIL STA. 109+50.00

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1301 TOTAL P.2024

ITEM 621 RAISED PAVEMENT MARKER REMOVED

IN AREAS WHERE THE RAISED PAVEMENT MARKER CASTINGS CANNOT BE REPLACED BECAUSE OF PAVEMENT CONDITIONS, USE THIS ITEM INSTEAD OF ITEM 621 RPM, INSTALLATION ONLY TO COMPENSATE THE CONTRACTOR FOR REMOVAL OF THE EXISTING RPM AND RESTORATION OF THE PAVEMENT.

ALL BROKEN, CRACKED, FRAGMENTED OR PARTIAL REMNANTS OF RAISED PAVEMENT MARKERS OR MISSING RAISED PAVEMENT MARKERS SHALL BE TOTALLY REMOVED AND THE PAVEMENT RESTORED AS DESCRIBED IN CONSTRUCTION AND MATERIAL SPECIFICATION ITEM 621.08.

THE FOLLOWING IS AN ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

ITEM 621 916 EACH RAISED PAVEMENT MARKER REMOVED

REFERENCE LOCATION SIGNS

THE LOCATION OF REFERENCE LOCATION SIGNS ON THE PLANS ARE APPROXIMATE AND A MORE PRECISE LOCATION WILL BE PROVIDED BY THE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 30 DAYS IN ADVANCE OF THE PLANNED DATE OF REFERENCE LOCATION SIGN INSTALLATION. THE ENGINEER WILL CONTACT THE OFFICE OF TECHNICAL SERVICES WHICH WILL LOCATE THE LONGITUDINAL POSITION OF REFERENCE LOCATION SIGNS BY MEANS OF A PAINT MARK ON THE PAVEMENT EDGE. ALTERNATE MARKS WILL NOT BE PROVIDED ON DIVIDED HIGHWAYS AND THE CONTRACTOR SHALL SET REFERENCE LOCATION SIGNS FOR THE OPPOSITE ROADWAY ACROSS FROM THE PROVIDED MARK. DELINEATORS WHOSE NORMAL POSITION FALLS WITHIN 50 FEET OF A REFERENCE LOCATION SIGN SHALL BE OMITTED.

630 SIGNING, MISC.: REMOVAL OF SCHOOL FLASHER

REMOVAL OF THE SCHOOL FLASHER SHALL CONSIST OF BUT NOT LIMITED TO THE REMOVAL OF THE SIGN, SIGN FLASHER ASSEMBLY, SIGN HANGER ASSEMBLY, SOLAR EQUIPMENT AND ANY WIRING AND SHALL BE PAID FOR IN THE UNIT PRICE BID PER EACH FOR SIGNING, MISC.: REMOVAL OF SCHOOL FLASHER ASSEMBLY.

631 SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN

THIS SPECIFICATION APPLIES TO SCHOOL SIGN FLASHERS POWERED BY BATTERIES AND RECHARGED BY SOLAR PANELS.

THE ENTIRE SCHOOL ZONE FLASHER AND SIGN ASSEMBLY SHALL CONFORM TO THE CONTRACT DOCUMENTS AND MEET THE REQUIREMENTS SET FORTH IN THE OMUTCD. THE SIGN SIZE SHALL BE 30" X 60" AND SIGN CODE S5-H1.

THE FLASHER CONTROL AND BATTERY WILL BE HOUSED IN ONE OR MORE STAINLESS STEEL OR ALUMINUM ENCLOSURES WITH A NEMA RATING OF AT LEAST 3X. ENCLOSURE EXTERIOR SURFACES SHALL BE BARE OR POWDER COAT ALUMINUM OR STAINLESS STEEL. THE ENCLOSURE INTERIOR SURFACES SHALL BE THE SAME AS THE EXTERIOR.

IF CONTAINED IN A SINGLE ENCLOSURE, THE CONTROL ELECTRONICS AND BATTERY SHALL BE SEPARATED IN A MANNER TO PREVENT DAMAGE TO THE CONTROL ELECTRONICS IF THE BATTERY ENVELOPE IS COMPROMISED.

A PAIR OF LED SPEED LIMIT SIGN BEACONS, ONE ABOVE AND ONE BELOW THE SIGN, MEETING THE CURRENT ITE VEHICLE TRAFFIC CONTROL SIGNAL HEADS (VTCSH) STANDARD WILL BE USED UNLESS OTHERWISE SPECIFIED. THE MANUFACTURER OF THE SIGNAL BEACON SHALL BE LISTED ON THE DEPARTMENT'S TRAFFIC AUTHORIZED PRODUCTS LIST FOR LED SIGNAL LAMPS.

THE SOLAR PANEL AND/OR CONTROLLER MANUFACTURER WILL PROVIDE SIGNED COPIES OF CALCULATIONS USED TO SIZE THE SOLAR PANEL AND BATTERIES. INCLUDED IN THESE CALCULATIONS WILL BE THE INSOLATION VALUE USED AND ITS SOURCE, THE SOLAR PANEL EFFICIENCY, CHARGER/CONTROLLER EFFICIENCY, INVERTER EFFICIENCY, PROPOSED LED LAMP LOAD, AND A FIGURE REPRESENTING ANTICIPATED MISCELLANEOUS LOSSES.

THE SOLAR PANEL MANUFACTURER MUST TEST THE PANEL ACCORDING TO IEC61215 OR EQUIVALENT APPROVED STANDARD. SOLAR PANEL MOUNTING MUST BE RATED FOR 90 MPH DESIGN WIND.

RUN REQUIREMENTS ARE 4 HOURS PER DAY FOR TWO WEEKS UNDER CONTINUOUS WORST-CASE (MINIMUM) INSOLATION FIGURES (USUALLY DECEMBER) FOR THE PROPOSED GEOGRAPHIC LOCATION, USING A PANEL ELEVATION ANGLE APPROPRIATE TO THE SITE LATITUDE, AT A SUSTAINED TEMPERATURE OF 25 DEGREES FAHRENHEIT (-4 DEGREES CELSIUS).

IF VOLTAGES OVER 50V AC OR DC ARE PRESENT, GROUNDING AND BONDING REQUIREMENTS SPECIFIED IN THE ODOT CMS WILL BE FOLLOWED.

ANY TIMER INCLUDED IN THE ASSEMBLY MUST SATISFY THE REQUIREMENTS OF 731.10 AND BE LISTED ON THE DEPARTMENT'S TRAFFIC AUTHORIZED PRODUCTCTS LIST.

PAYMENT FOR 631 SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR POWERED, AS PER PLAN, SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER EACH. PAYMENT SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TESTING, CERTIFICATIONS AND OTHER INCIDENTALS NECESSARY TO FURNISH THE SOLAR POWERED SCHOOL ZONE FLASHER COMPLETE IN PLACE, INCLUDING THE SIGN, ALL CONNECTIONS MADE, WIRING COMPLETE, TESTED AND ACCEPTED.

SIGNING LEGEND	
	= EXISTING SIGN
	= EXISTING SIGN REMOVED
	= PROPOSED SIGN

PAVEMENT MARKING LEGEND	
XX XX	= PROPOSED PAVEMENT MARKINGS
XX	= EXISTING PAVEMENT MARKINGS

LINE SPECIFICATION		
THERMO	EPOXY	DESCRIPTION
YE6	YE6	EDGE LINE, 6" YELLOW
YE4	YE4	EDGE LINE, 4" YELLOW
WE6	WE6	EDGE LINE, 6" WHITE
WE4	WE4	EDGE LINE, 4" WHITE
LL6	LL6	LANE LINE, 6"
LL4	LL4	LANE LINE, 4" WHITE
CSD	CSD	CENTER LINE, SOLID DASHED
DY	DY	CENTER LINE, DOUBLE YELLOW
CH12	CH12	CHANNELIZING LINE, 12"
CH8	CH8	CHANNELIZING LINE, 8"
SL	SL	STOP LINE, 24"
XW	XW	CROSSWALK, 12"
WT	WT	TRANSVERSE/DIAGONAL LINE, 24" WHITE
YT	YT	TRANSVERSE/DIAGONAL LINE, 24" YELLOW
CM	CM	CHEVRON MARKING, 24" WHITE
IM	IM	ISLAND MARKING
LA	LA	LANE ARROW
RA	RA	LANE REDUCTION ARROW
WA	WA	WRONG WAY ARROW
WOP	WOP	WORD ON PAVEMENT, 72"
WD	WD	DOTTED LINE, 6" WHITE (3' LINE/9'GAP)
WD1	WD1	DOTTED LINE, 6" WHITE (2' LINE/6'GAP)
YD	YD	DOTTED LINE, 6" YELLOW (2' LINE/6'GAP)

TRAFFIC CONTROL NOTES

DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER

DESIGNER BER
REVIEWER VDK 08/07/26
PROJECT ID 96808
SHEET P.1302 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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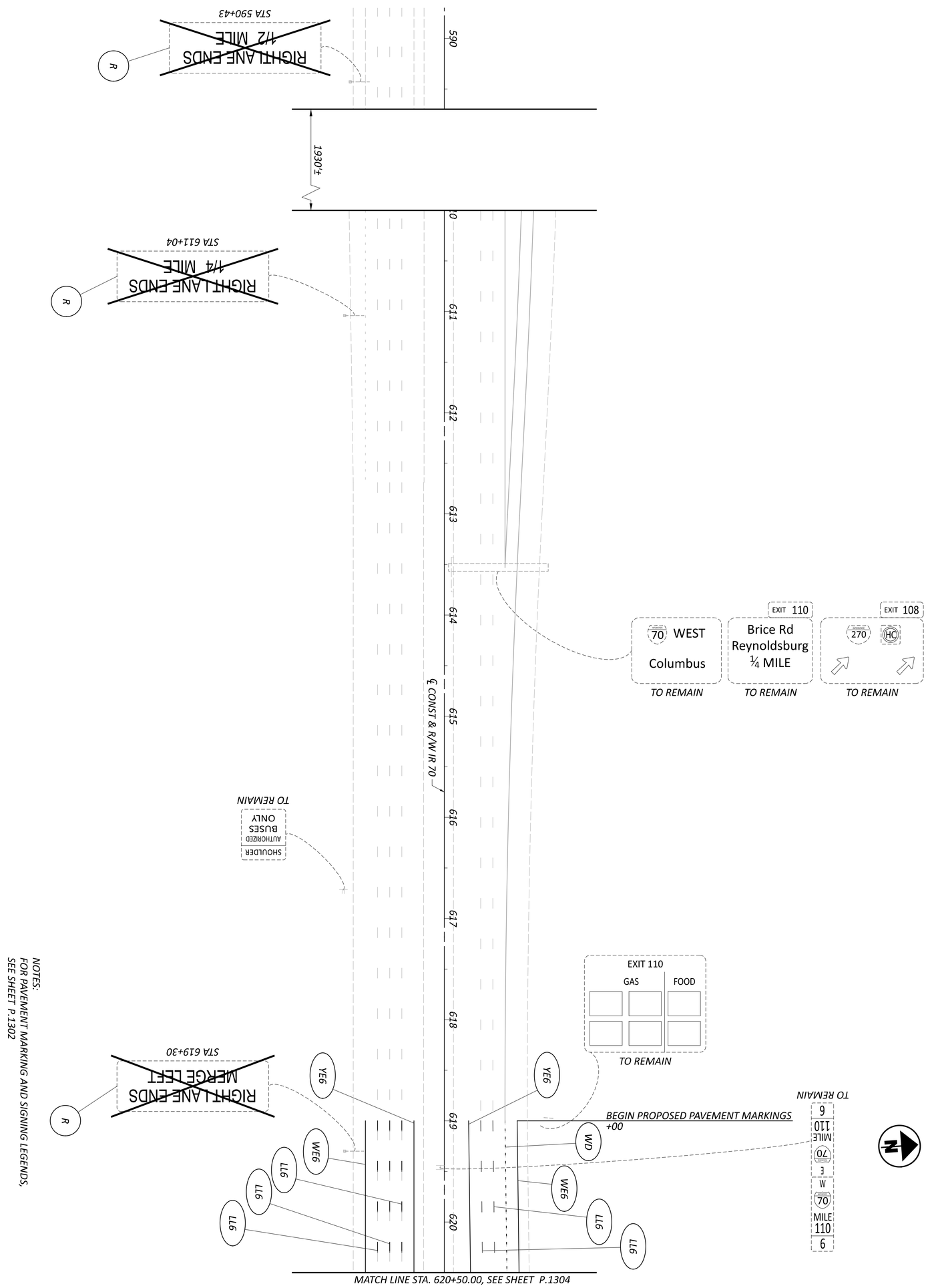

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1303	P.2024	96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 590+00.00 TO STA. 620+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:56:27 AM USER: brieder
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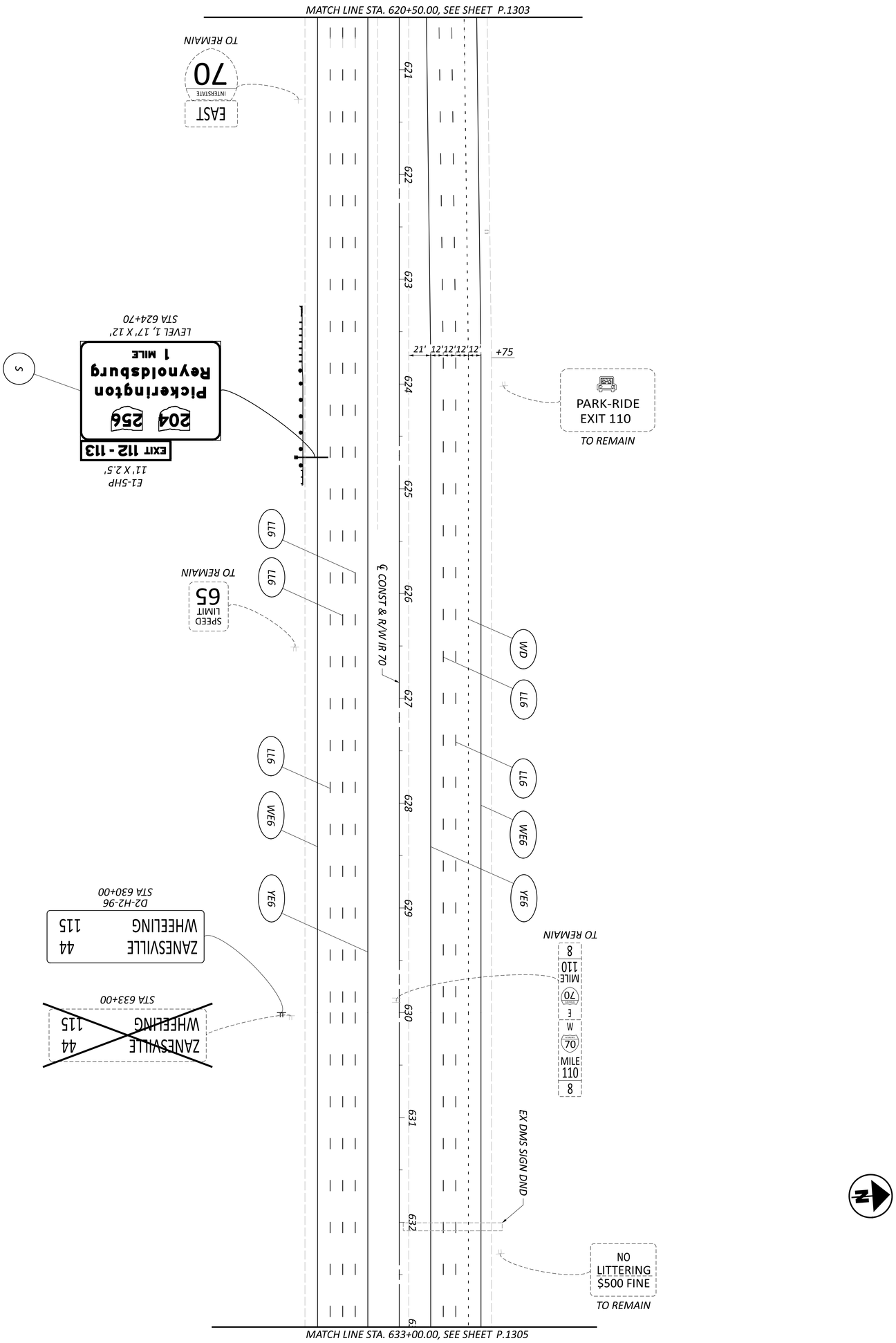

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1304	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 620+50.0.0 TO STA. 633+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP103 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:56:38 AM USER: brieder
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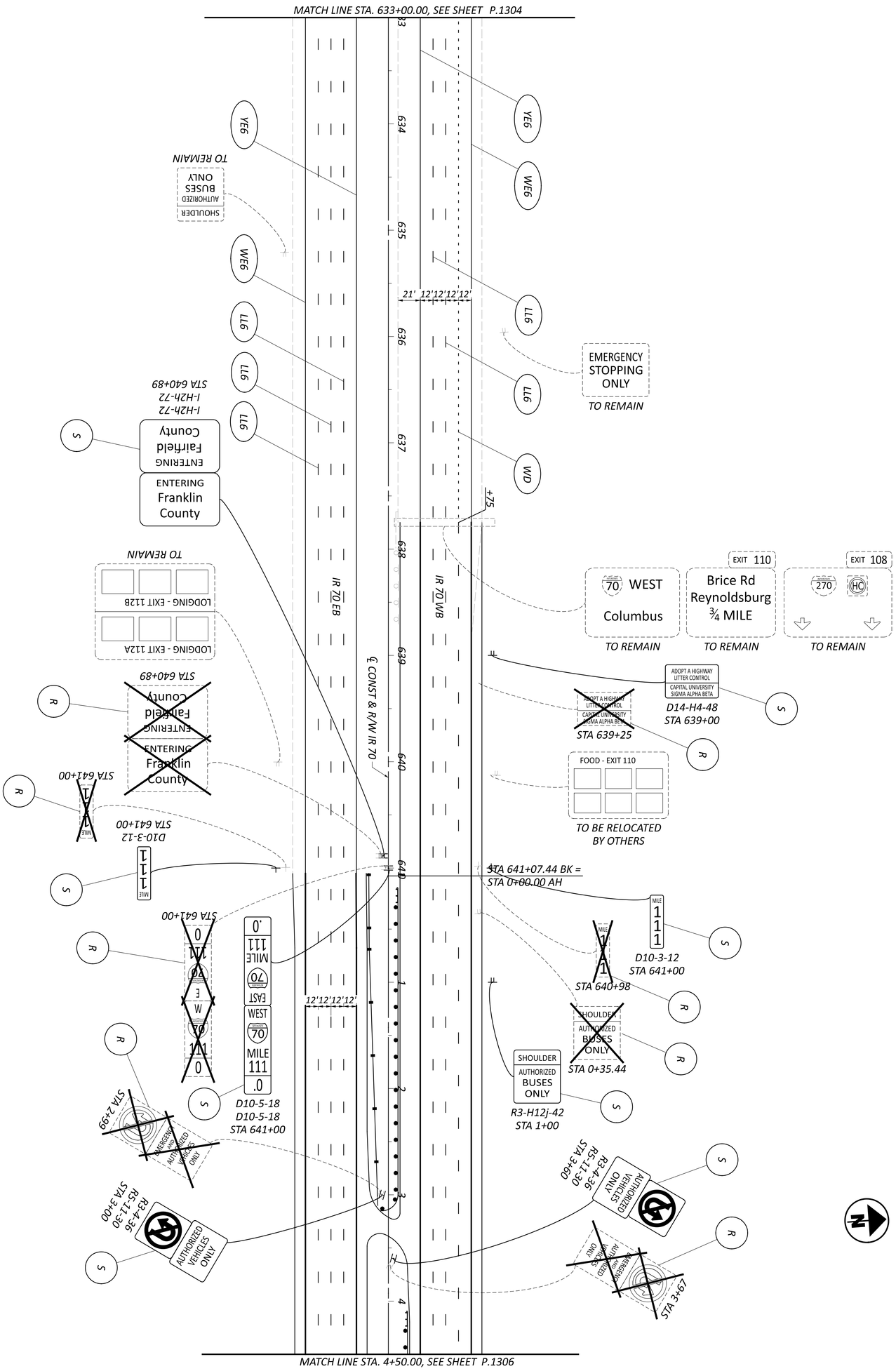

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1305	P.2024

PROJECT ID	REVIEWER
96808	VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 633+00.00 TO STA. 4+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

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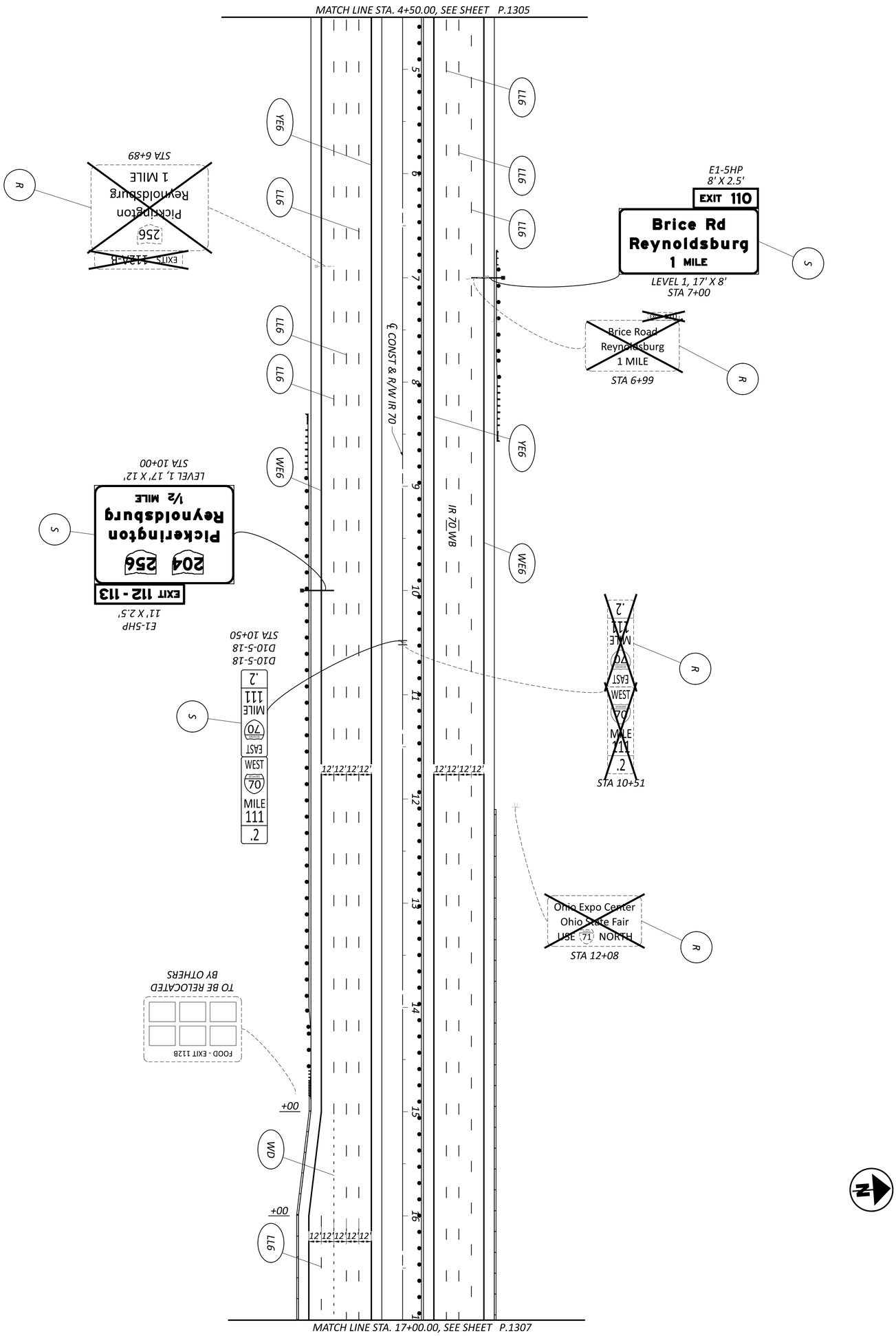

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1306	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 4+50.00 TO STA. 17+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP105 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:56:53 AM USER: brieder
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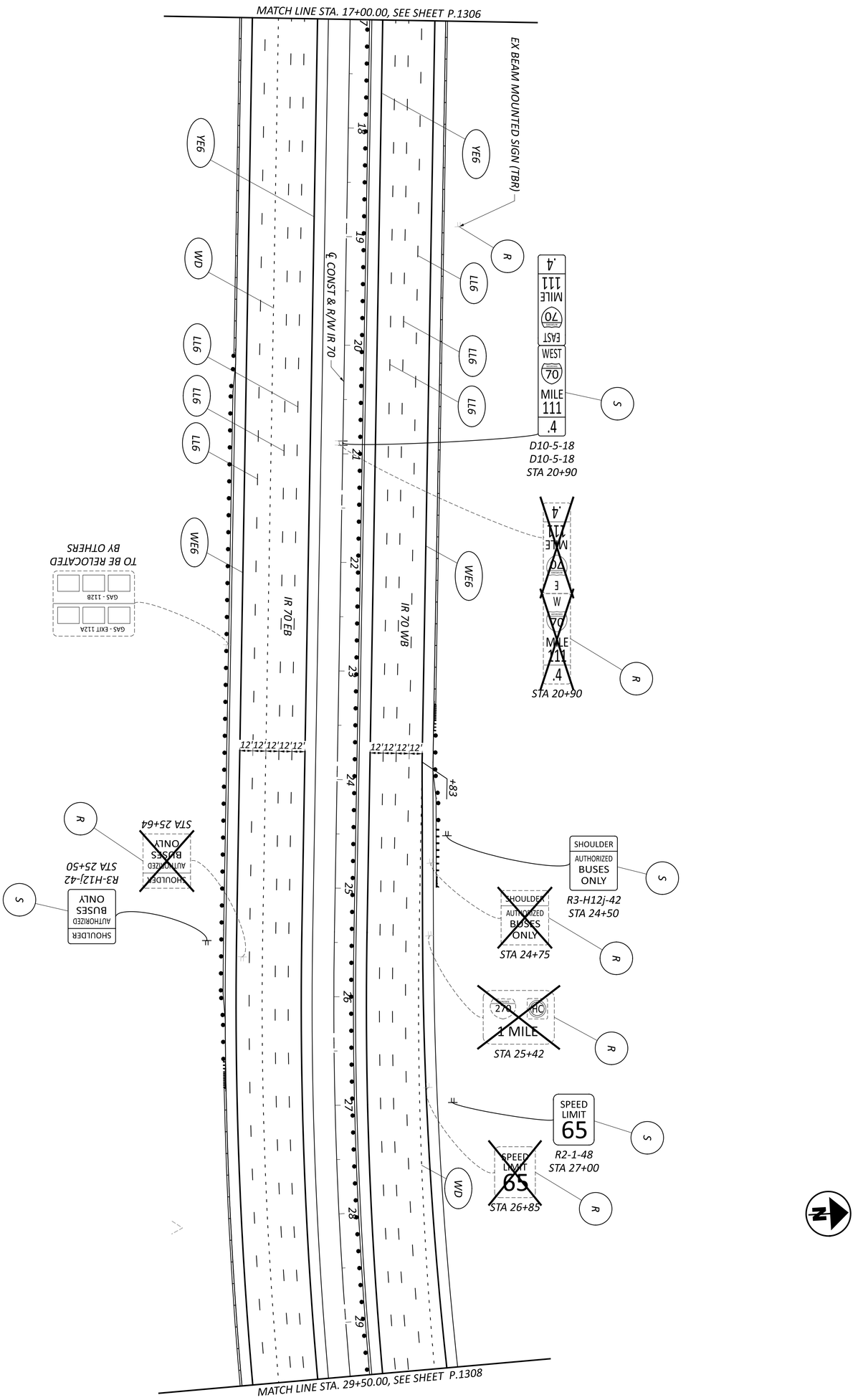

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1307	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 17+00.00 TO STA. 29+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP106 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:57:02 AM USER: brieder
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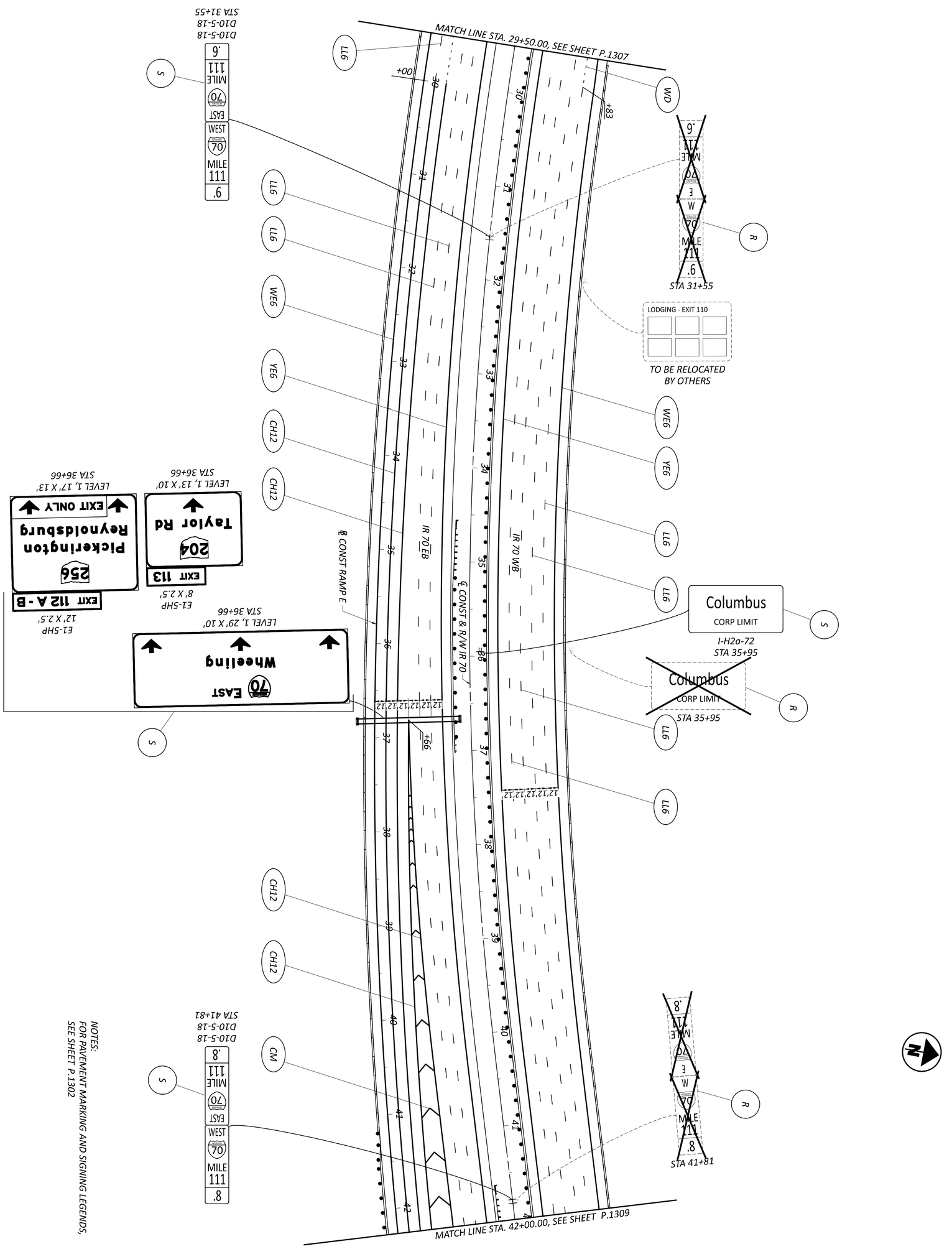


SHEET	TOTAL
P.1308	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

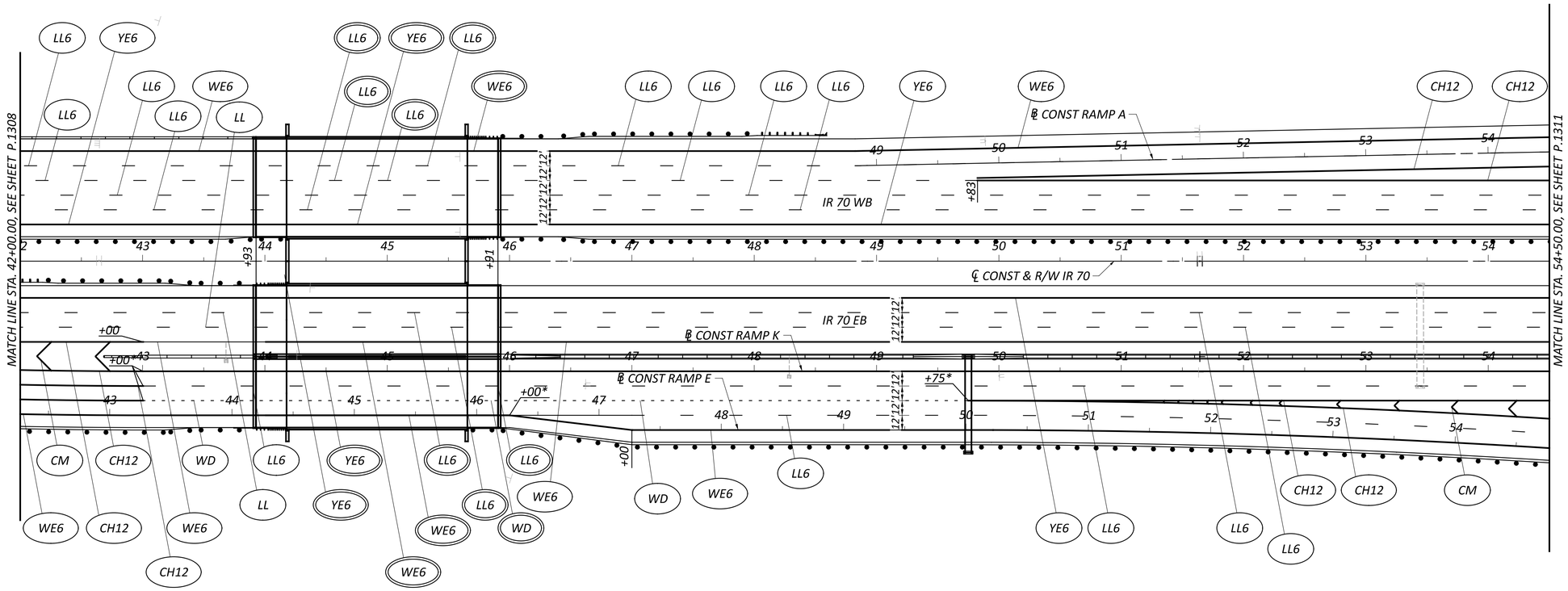
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 29+50.00 TO STA. 42+00.00

HORIZONTAL SCALE IN FEET

0 100

50 200



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

FOR SIGNING, SEE SHEET P.1310

* - DENOTES STATIONING FROM RAMP K

HORIZONTAL SCALE IN FEET
0 50 100 200

TRAFFIC CONTROL PLAN - IR 70
STA. 42+00.00 TO STA. 54+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER BER
REVIEWER VDK 08/07/26
PROJECT ID 96808
SHEET P.1309 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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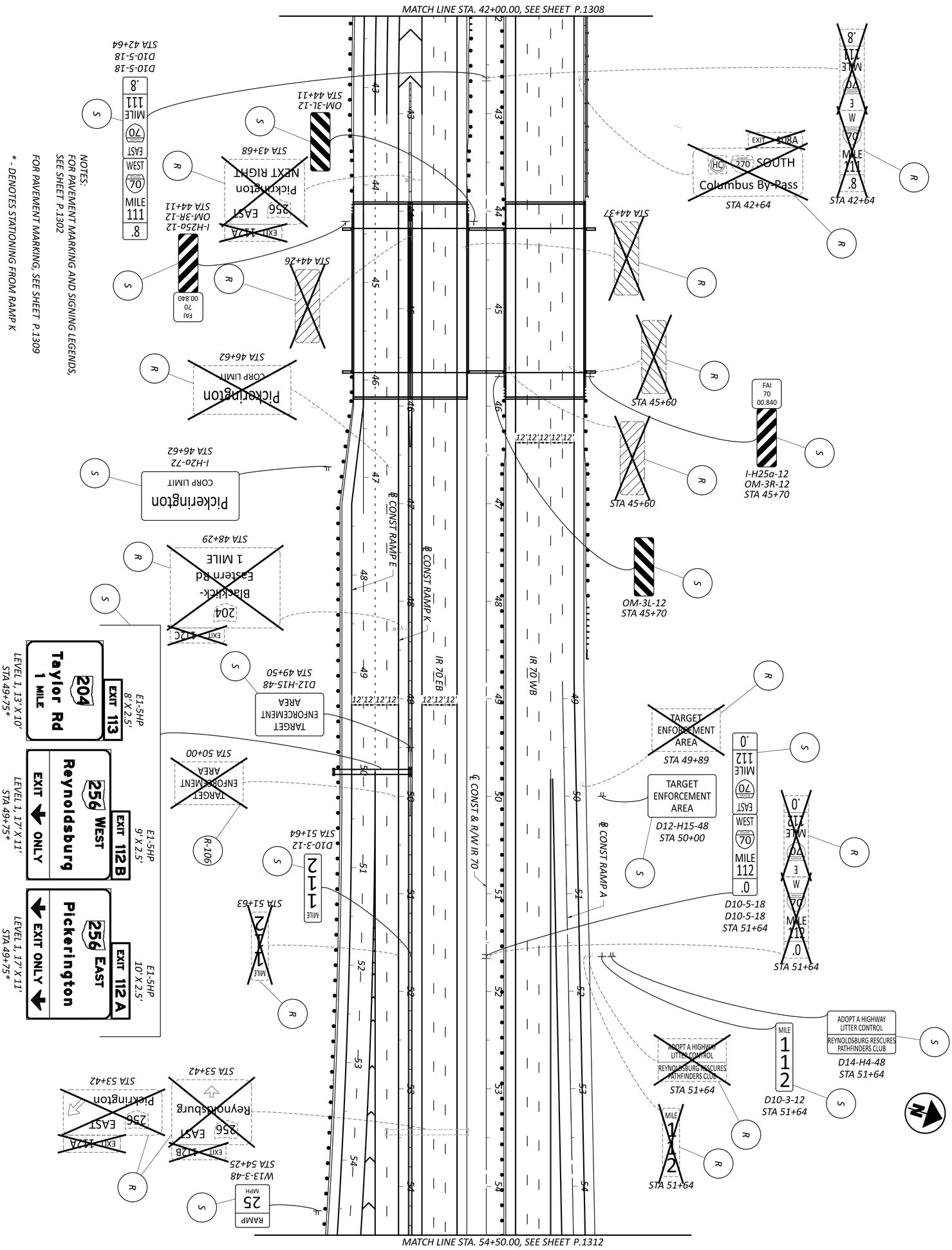
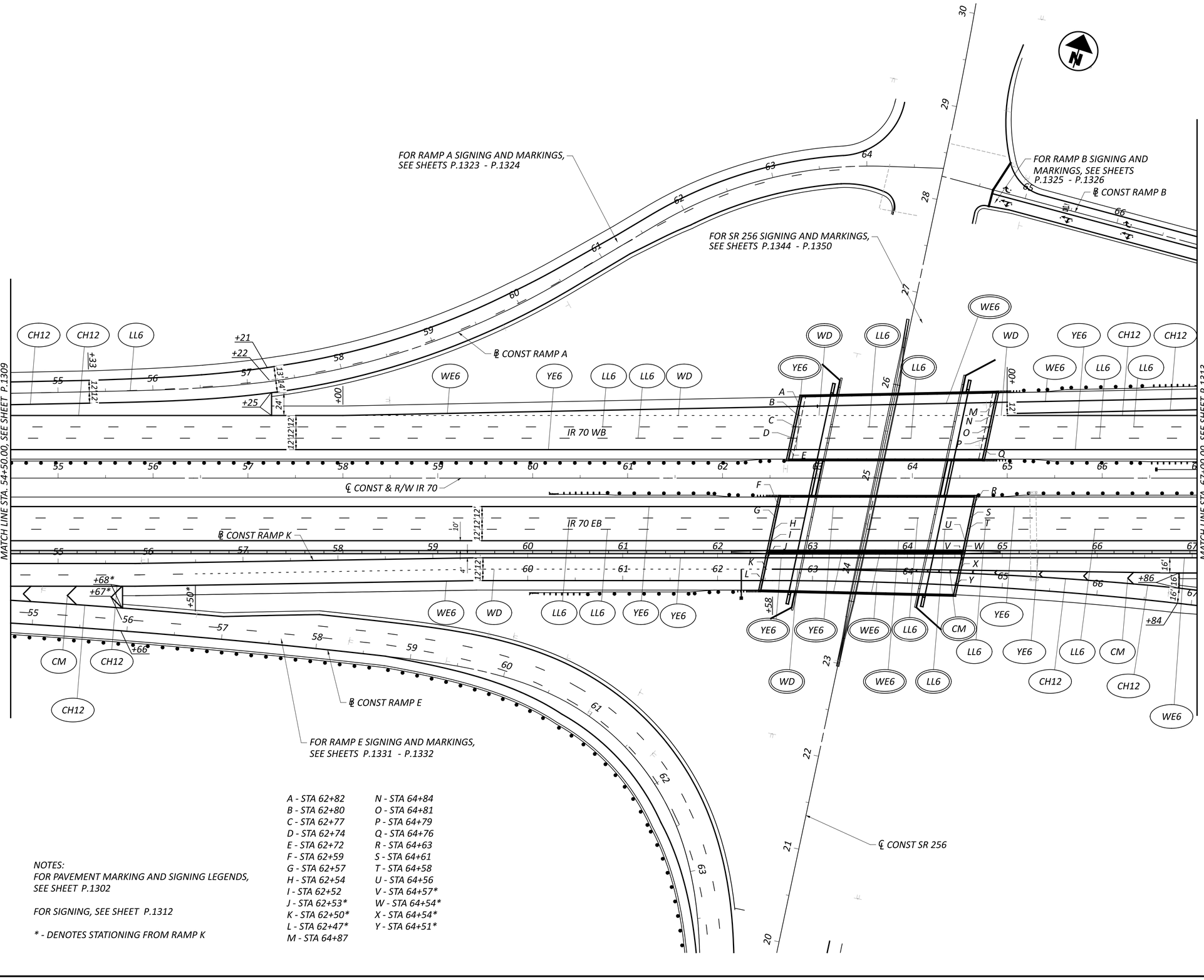


DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 08/07/26	96808	P.1310	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 42+00.00 TO STA. 54+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

FOR SIGNING, SEE SHEET P.1312

** - DENOTES STATIONING FROM RAMP K*

A - STA 62+82
B - STA 62+80
C - STA 62+77
D - STA 62+74
E - STA 62+72
F - STA 62+59
G - STA 62+57
H - STA 62+54
I - STA 62+52
*J - STA 62+53**
*K - STA 62+50**
*L - STA 62+47**
M - STA 64+87
N - STA 64+84
O - STA 64+81
P - STA 64+79
Q - STA 64+76
R - STA 64+63
S - STA 64+61
T - STA 64+58
U - STA 64+56
*V - STA 64+57**
*W - STA 64+54**
*X - STA 64+54**
*Y - STA 64+51**

HORIZONTAL SCALE IN FEET
0 50 100 200

TRAFFIC CONTROL PLAN - IR 70
STA. 54+50.00 TO STA. 67+00.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER BER
REVIEWER VDK 08/07/26
PROJECT ID 96808
SHEET P.1311 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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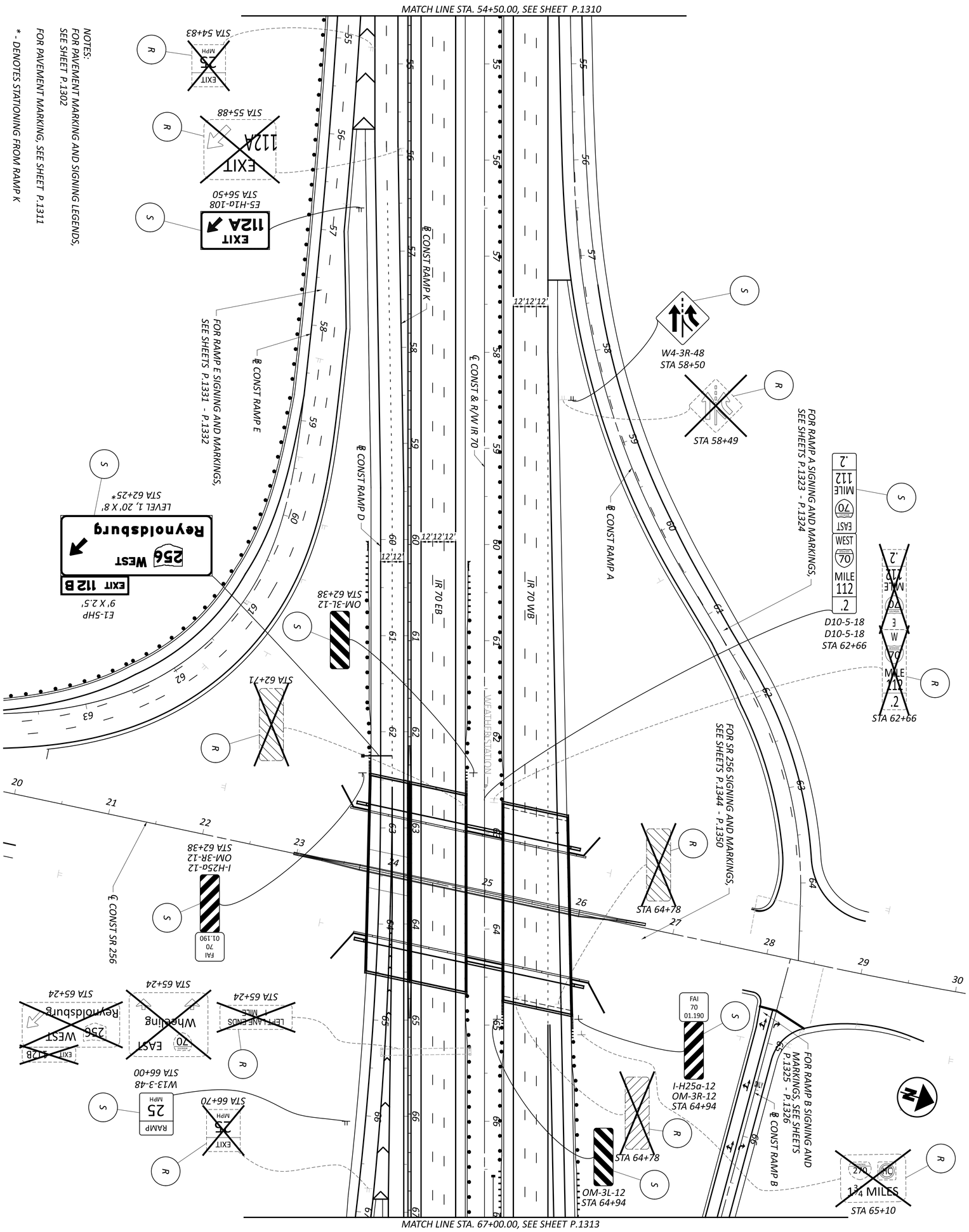

SHEET P.1312 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	TRAFFIC CONTROL PLAN - IR 70 STA. 54+50.00 TO STA. 67+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP109 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:57:53 AM USER: brieder
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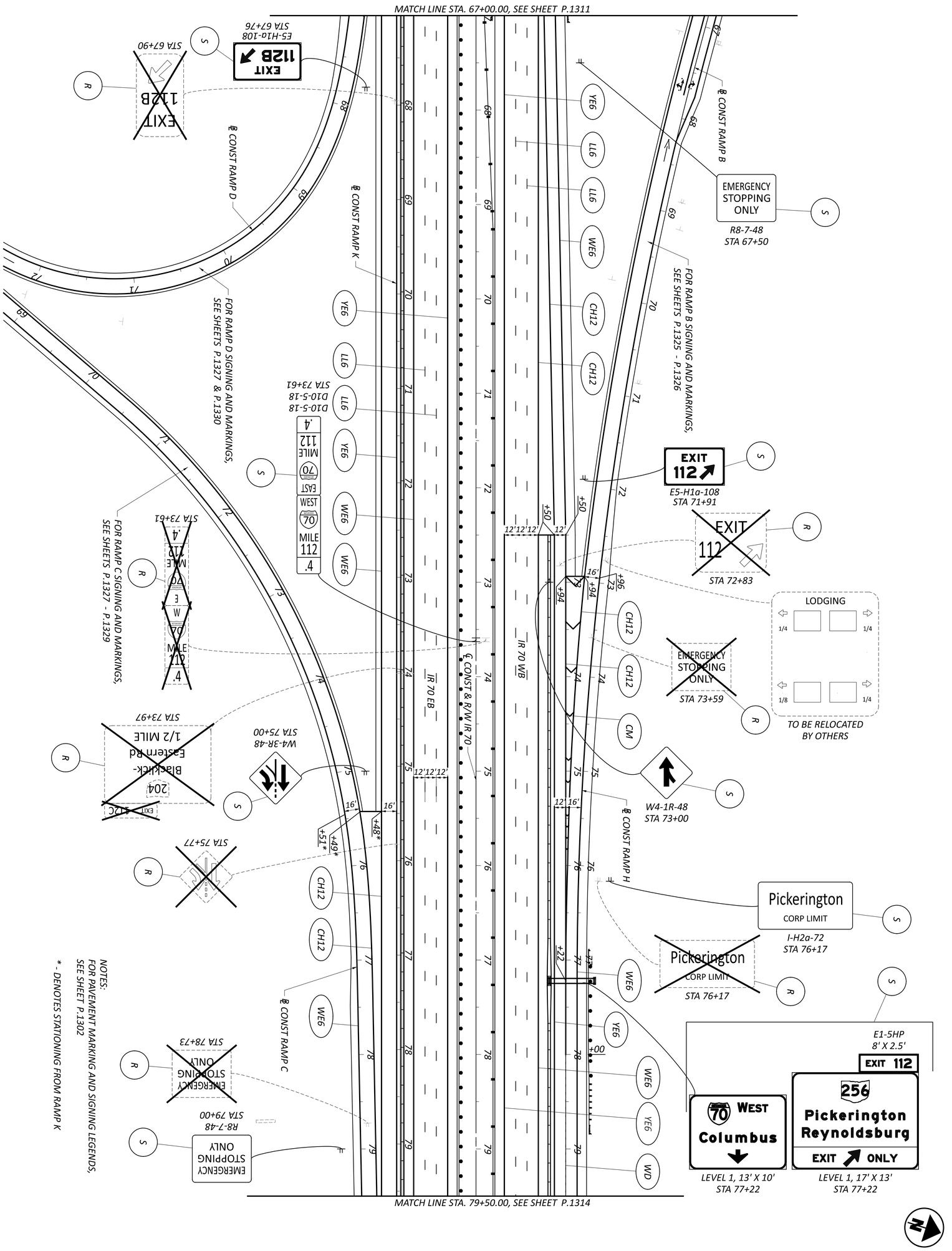

SHEET	TOTAL
P.1313	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 67+00.00 TO STA. 79+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP110 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:01 AM USER: brieder
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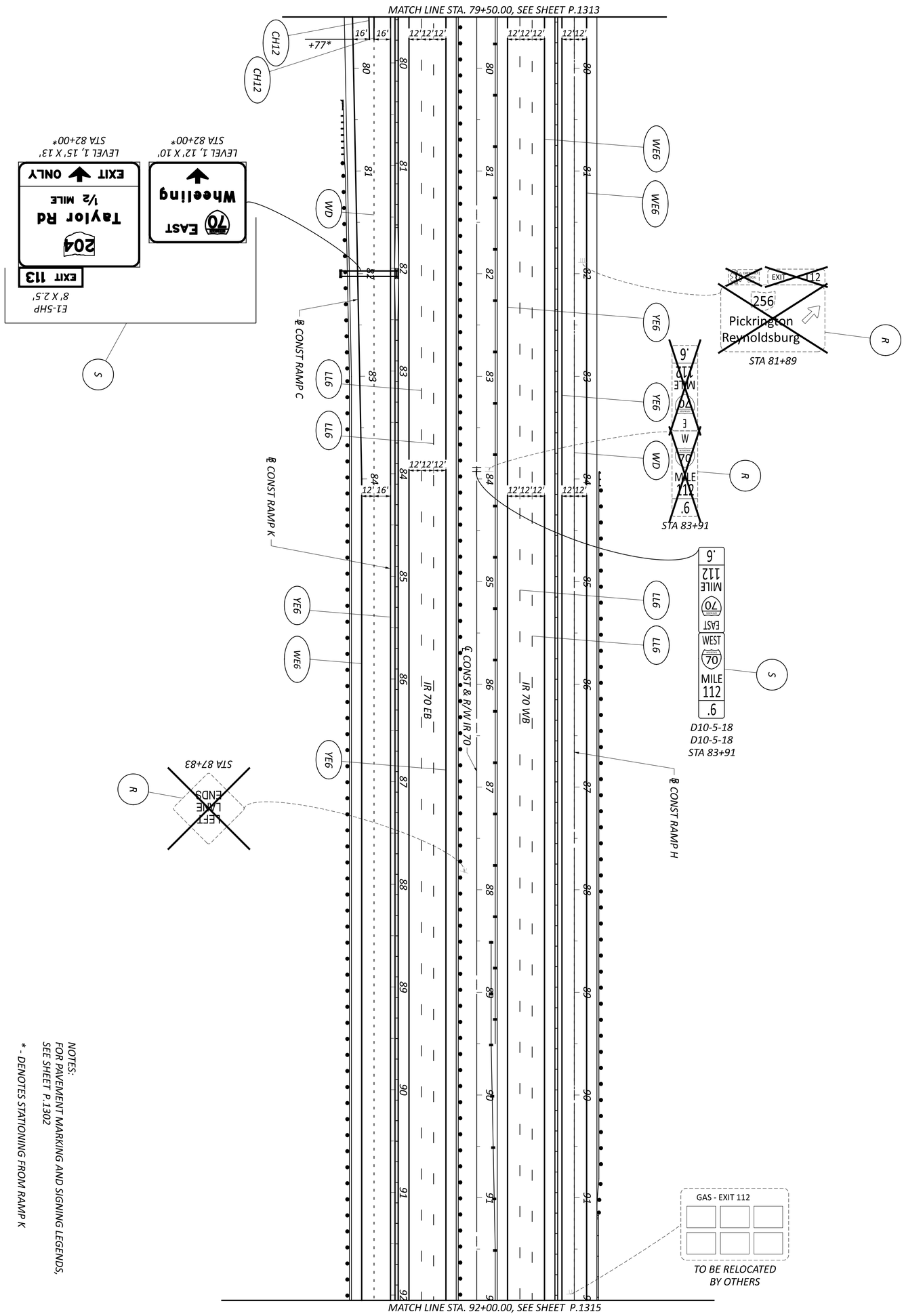

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

*_ DENOTES STATIONING FROM RAMP K

SHEET	TOTAL
P.1314	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 79+50.00 TO STA. 92+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP111 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:13 AM USER: brieder
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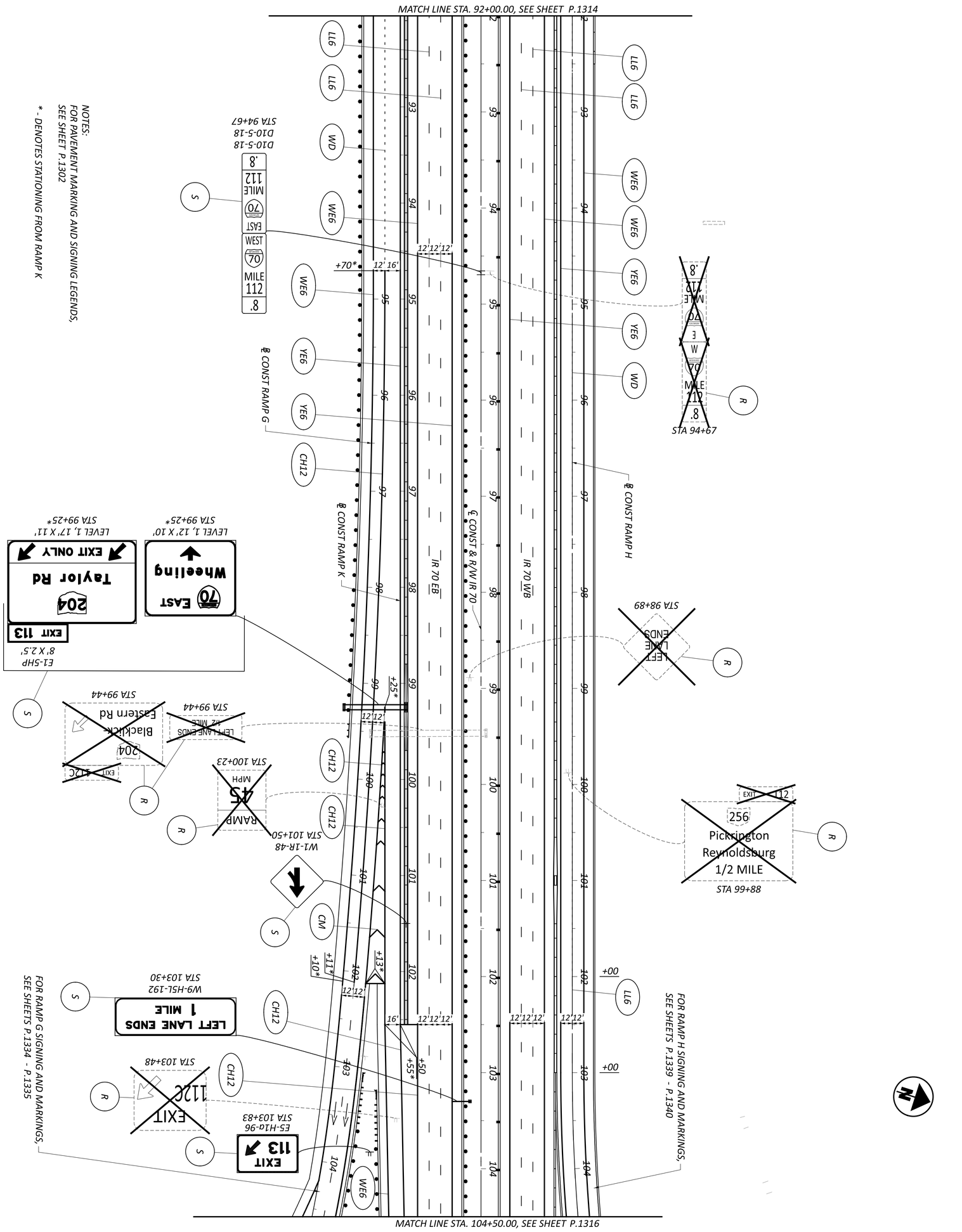

TRAFFIC CONTROL PLAN - IR 70
STA. 92+00.00 TO STA. 104+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

SHEET	TOTAL
P.1315	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP112 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:24 AM USER: brieder
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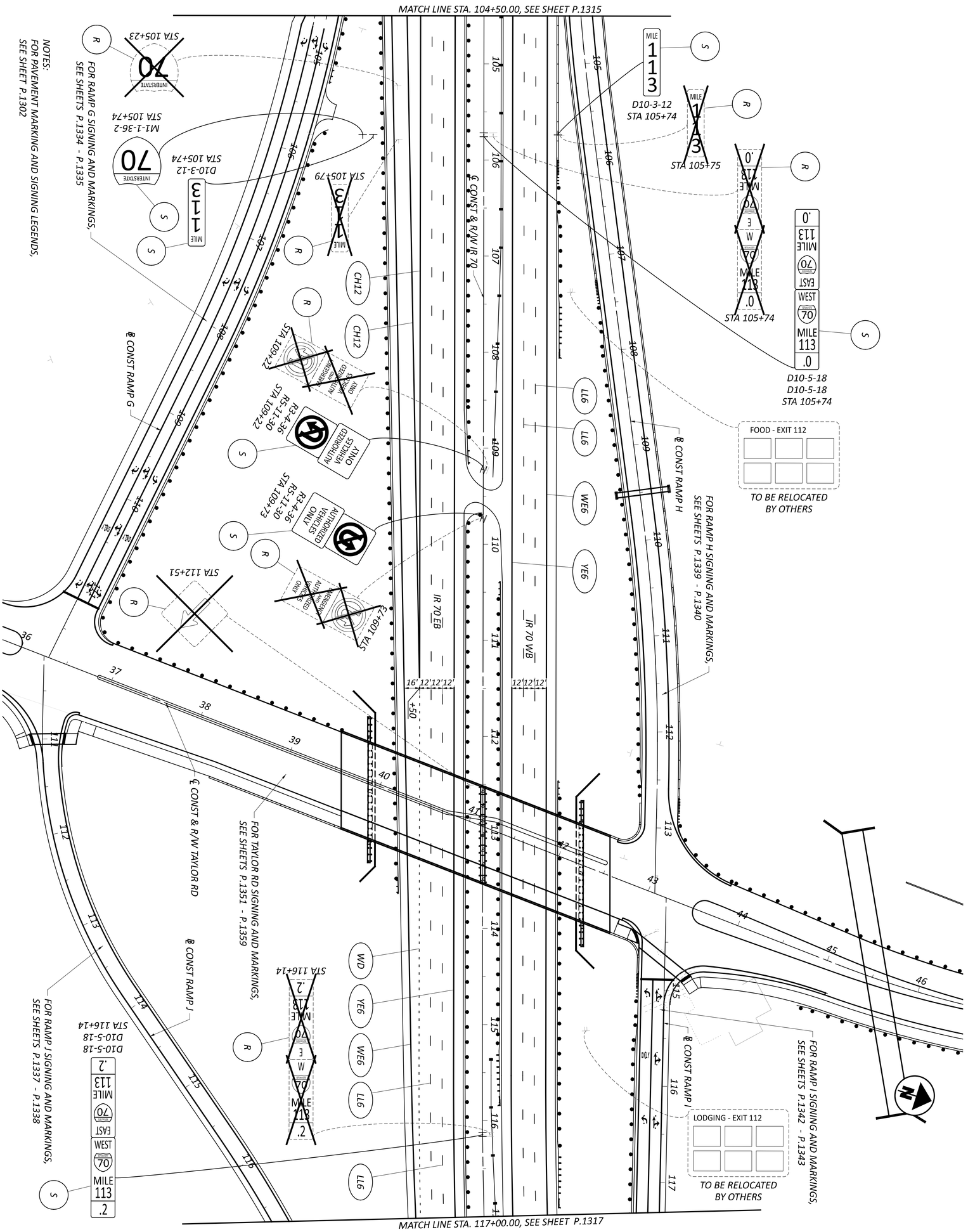

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 08/07/26	96808	P.1316	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 104+50.00 TO STA. 117+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP113 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:35 AM USER: brieder
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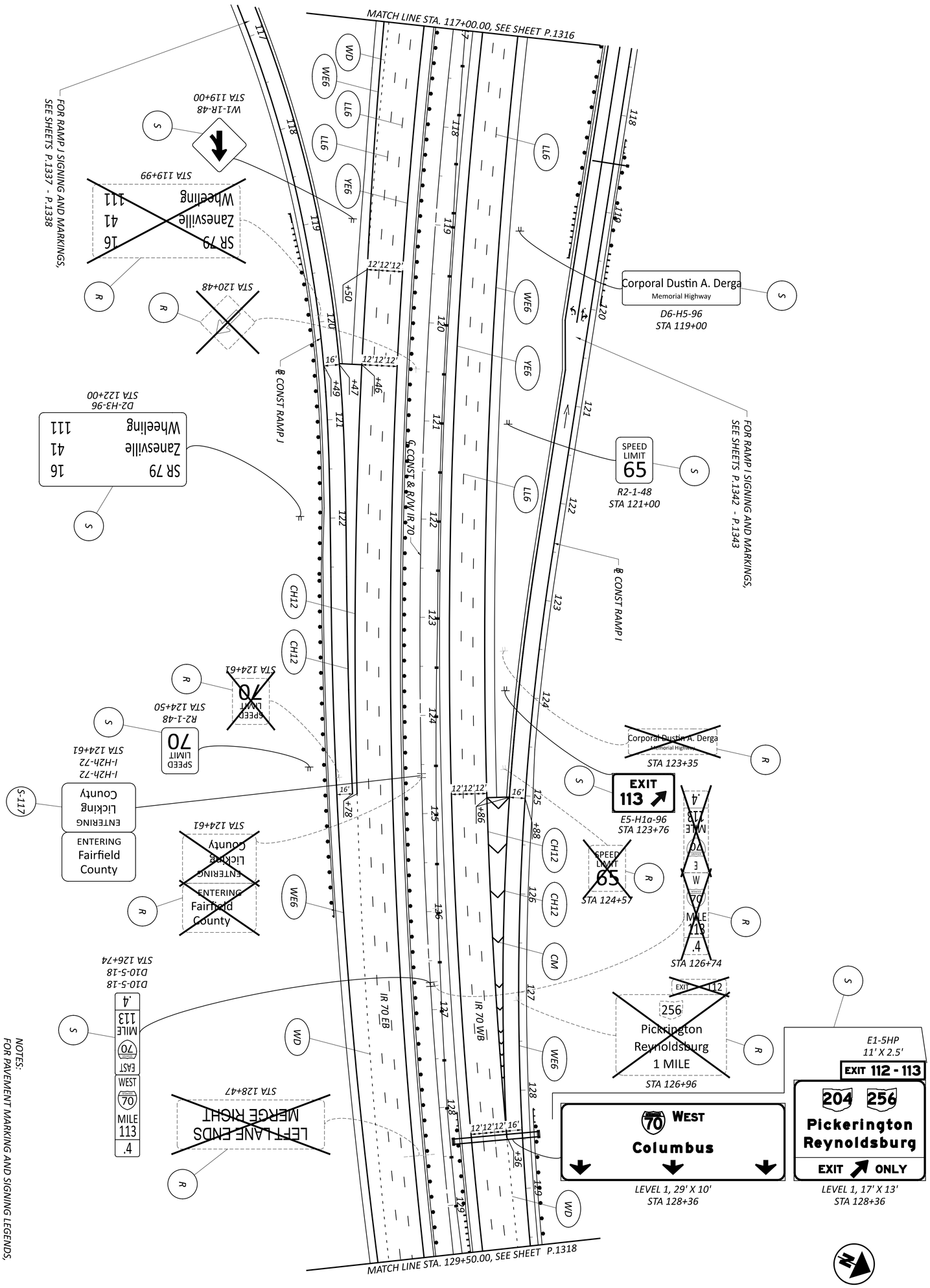

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1317	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 117+00.00 TO STA. 129+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

HORIZONTAL SCALE IN FEET
0 50 100 200

TRAFFIC CONTROL PLAN - IR 70
STA. 129+50.00 TO STA. 142+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP114 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:45 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER BER
REVIEWER VDK 08/07/26
PROJECT ID 96808
SHEET P.1318 TOTAL P.2024

MODEL: 96808_TP115 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:58:53 AM USER: brieder
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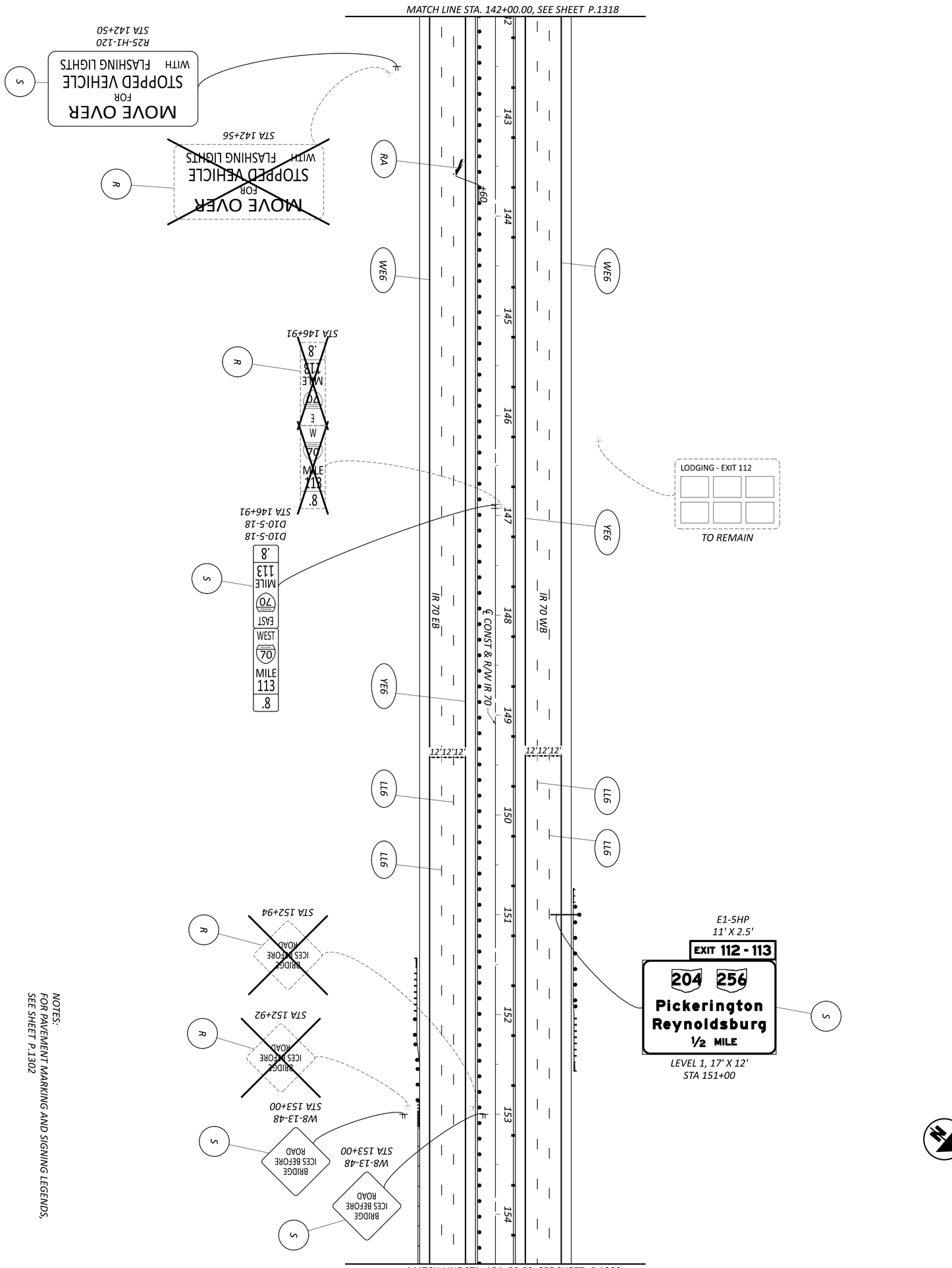

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1319	P.2024

PROJECT ID	REVIEWER	DESIGNER
96808	VDK 08/07/26	BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 142+00.00 TO STA. 154+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP116 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:59:02 AM USER: brieder
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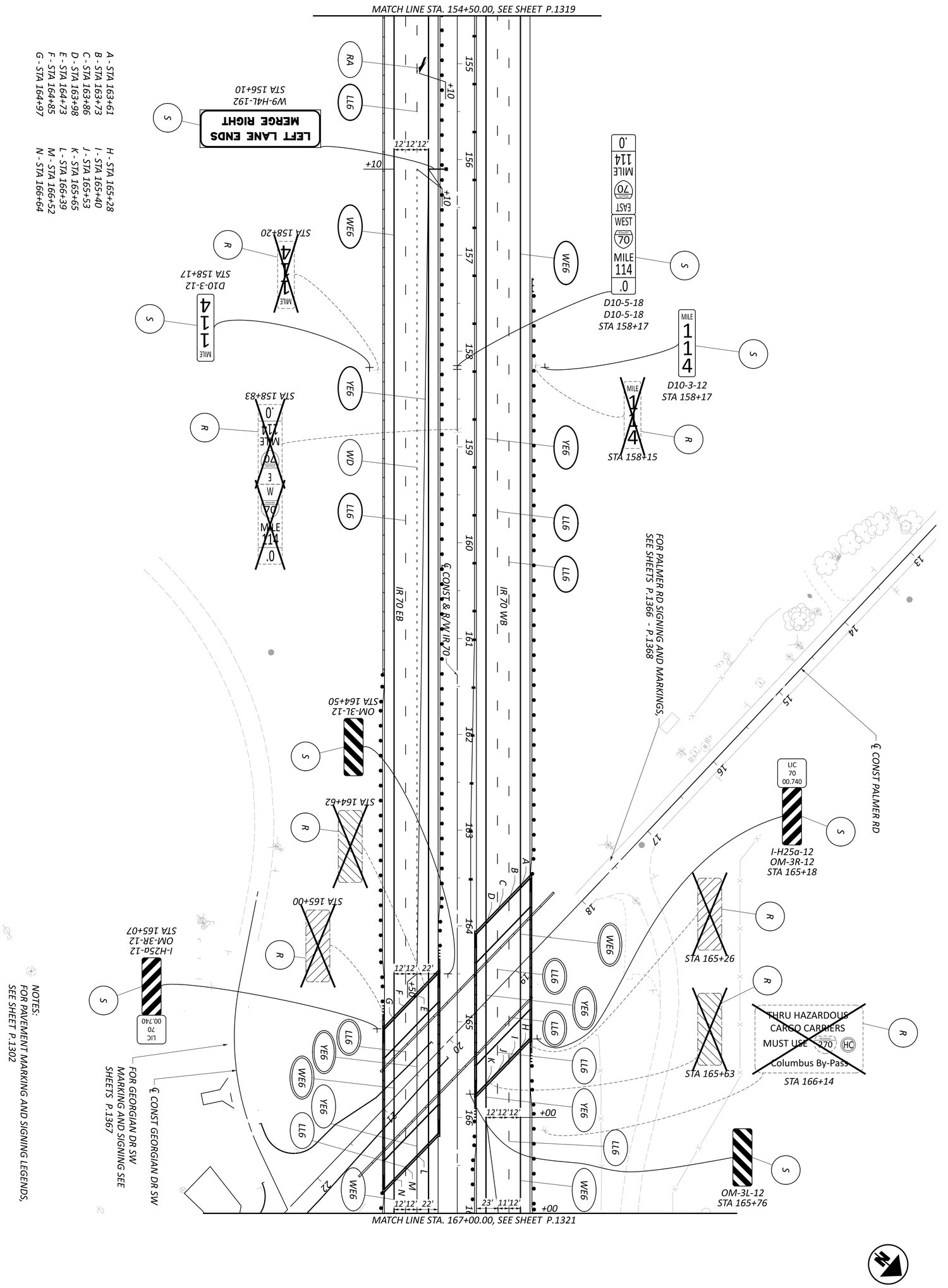

SHEET P.1320 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 154+50.00 TO STA. 167+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP117 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:59:14 AM USER: brieder
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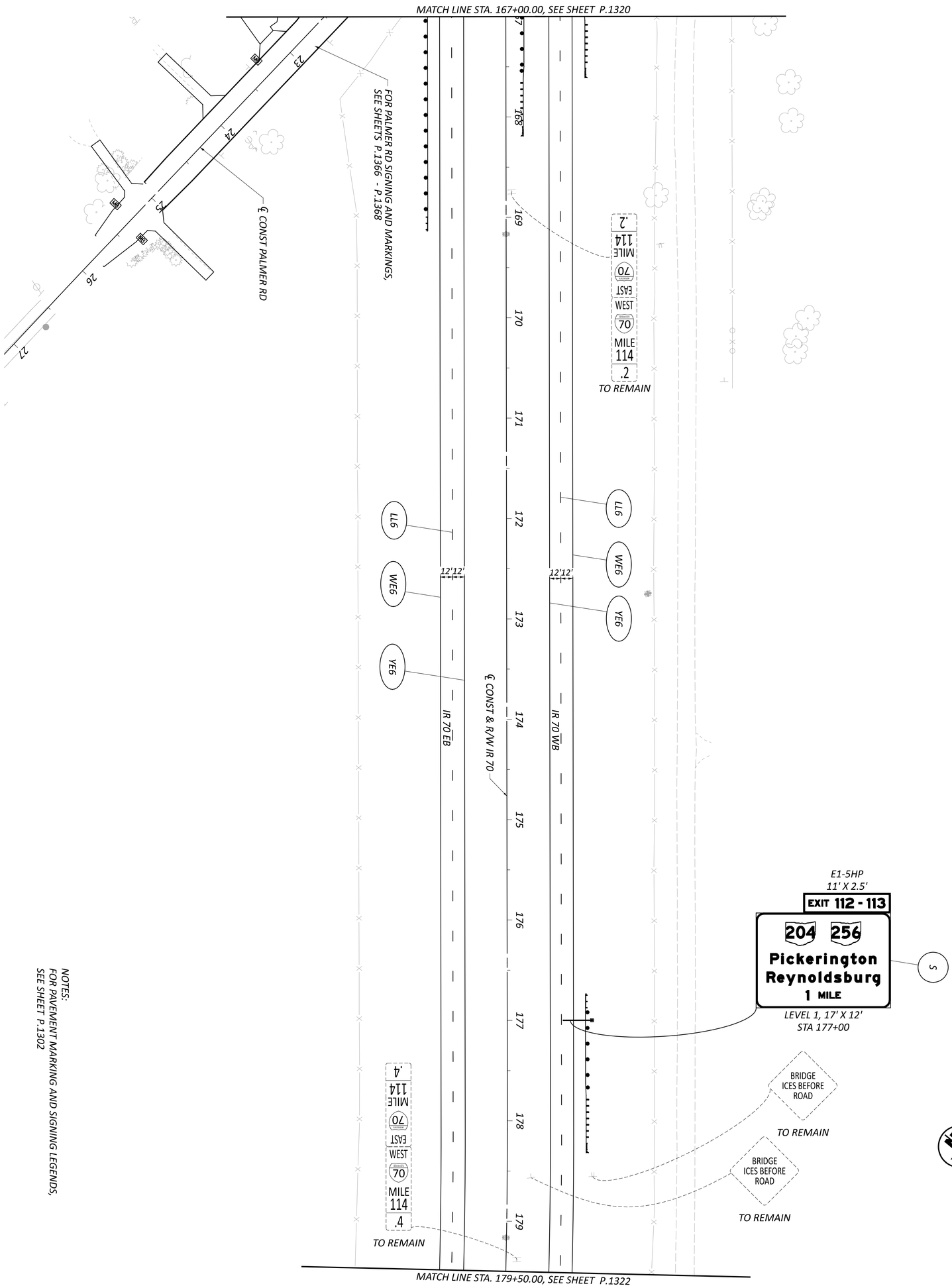


NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1321	P.2024

PROJECT ID: 96808

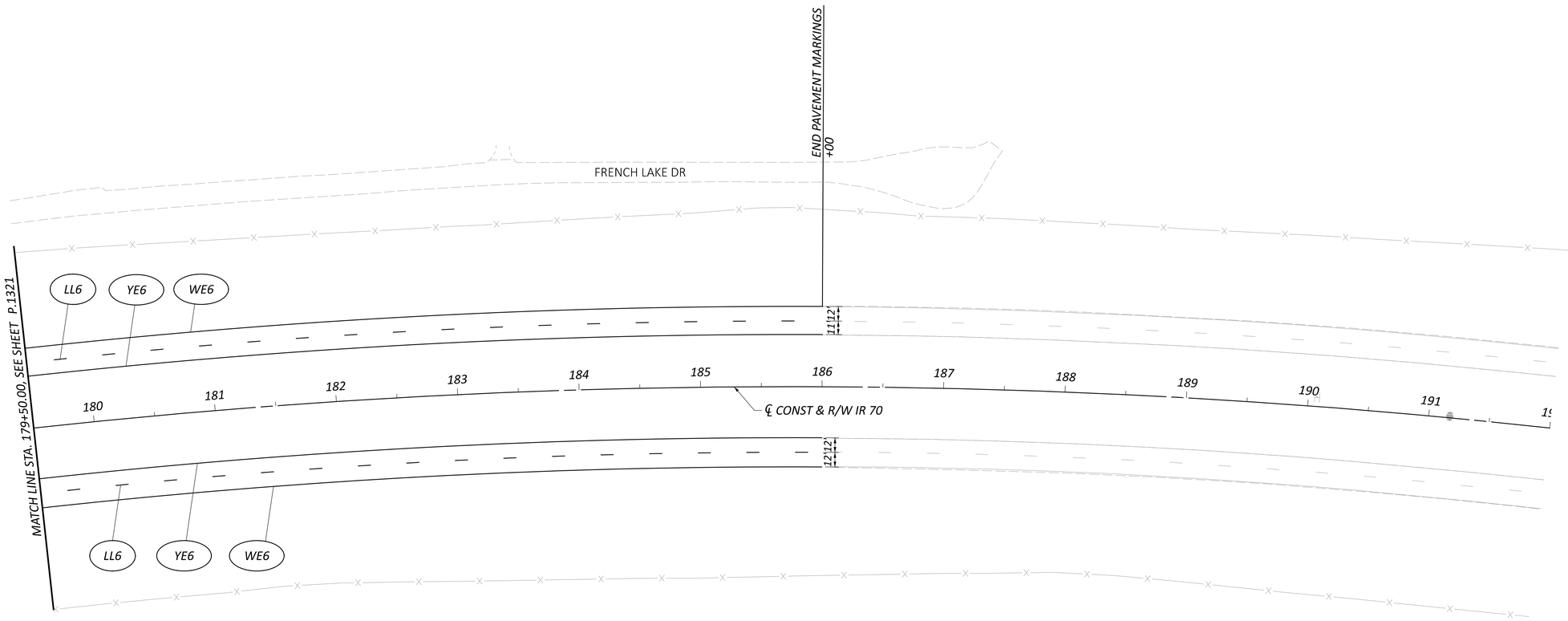
REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - IR 70
STA. 167+00.00 TO STA. 179+50.00

HORIZONTAL SCALE IN FEET
0 100
50 200



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

HORIZONTAL SCALE IN FEET
0 50 100 200

TRAFFIC CONTROL PLAN - IR 70
STA. 179+50.00 TO STA. 192+00.00

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
VDK 08/07/26

PROJECT ID
96808

SHEET P.1322 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP118 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:59:23 AM USER: brieder
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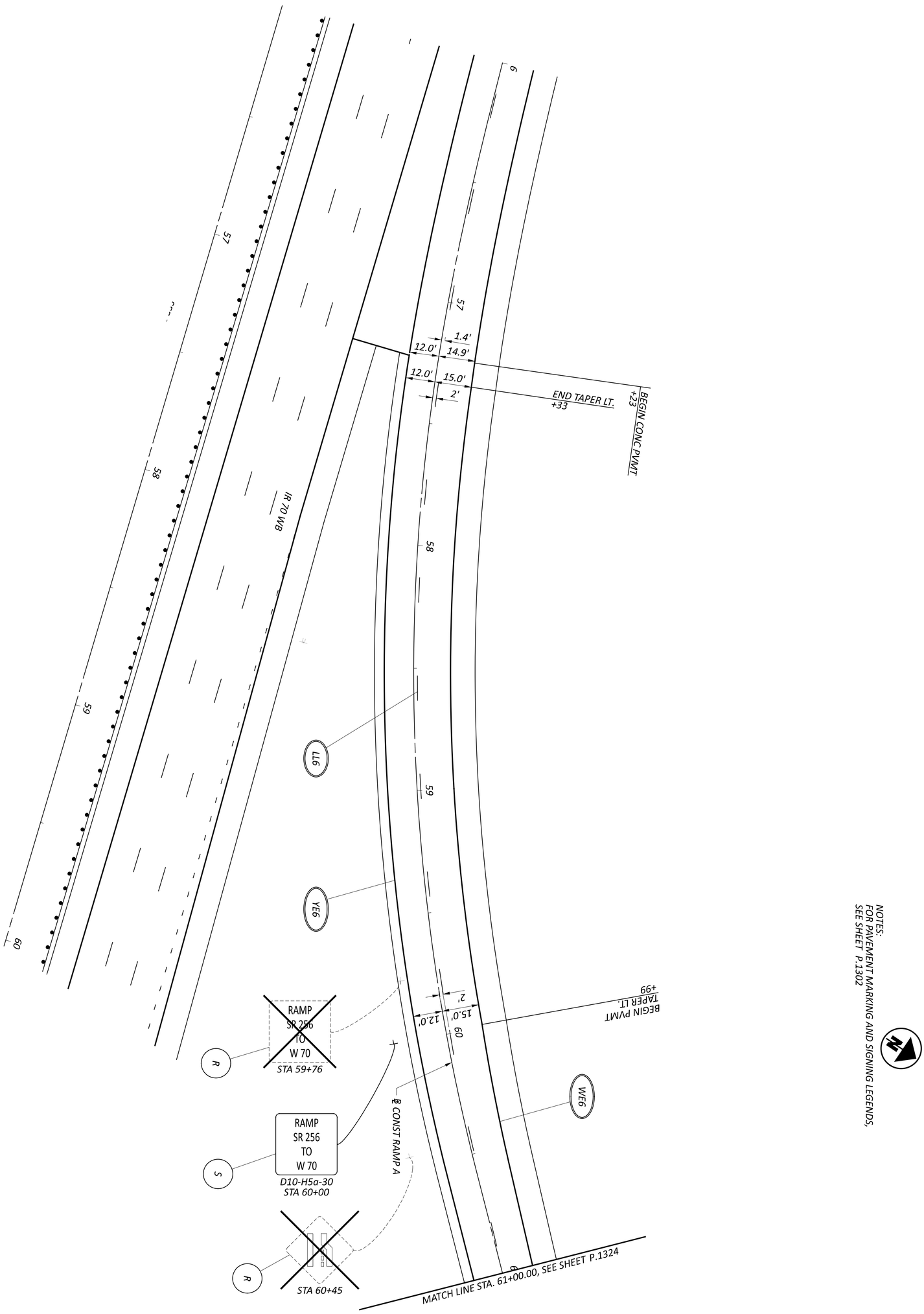

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1323	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP A
STA. 56+00.00 TO STA. 61+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP202 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:59:45 AM USER: brieder
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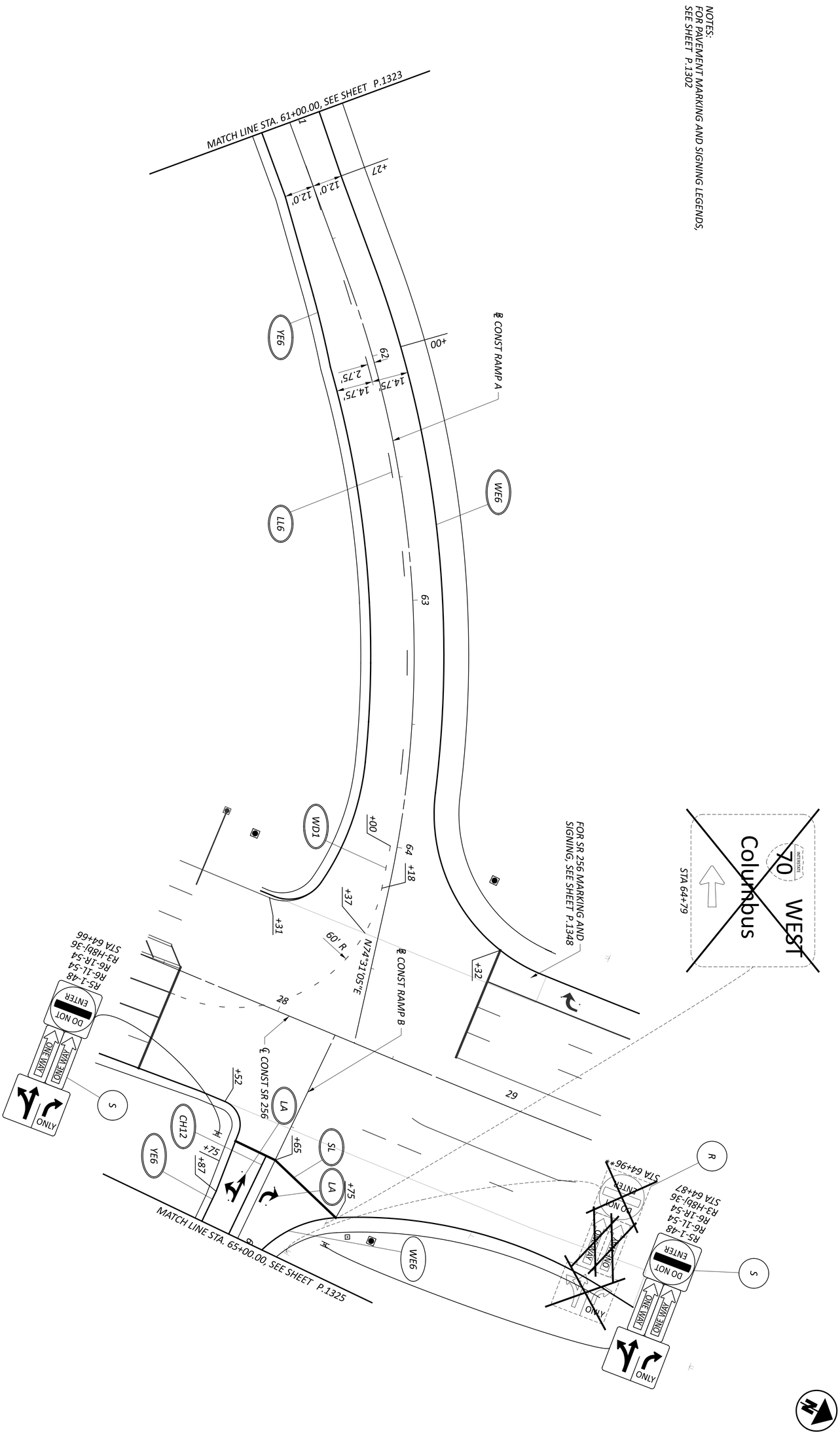

SHEET P.1324	TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP A & RAMP B
STA. 61+00.00 TO STA. 64+80.85 & STA. 64+09.09 TO STA. 65+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

MODEL: 96808_TP203 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 10:59:56 AM USER: brieder
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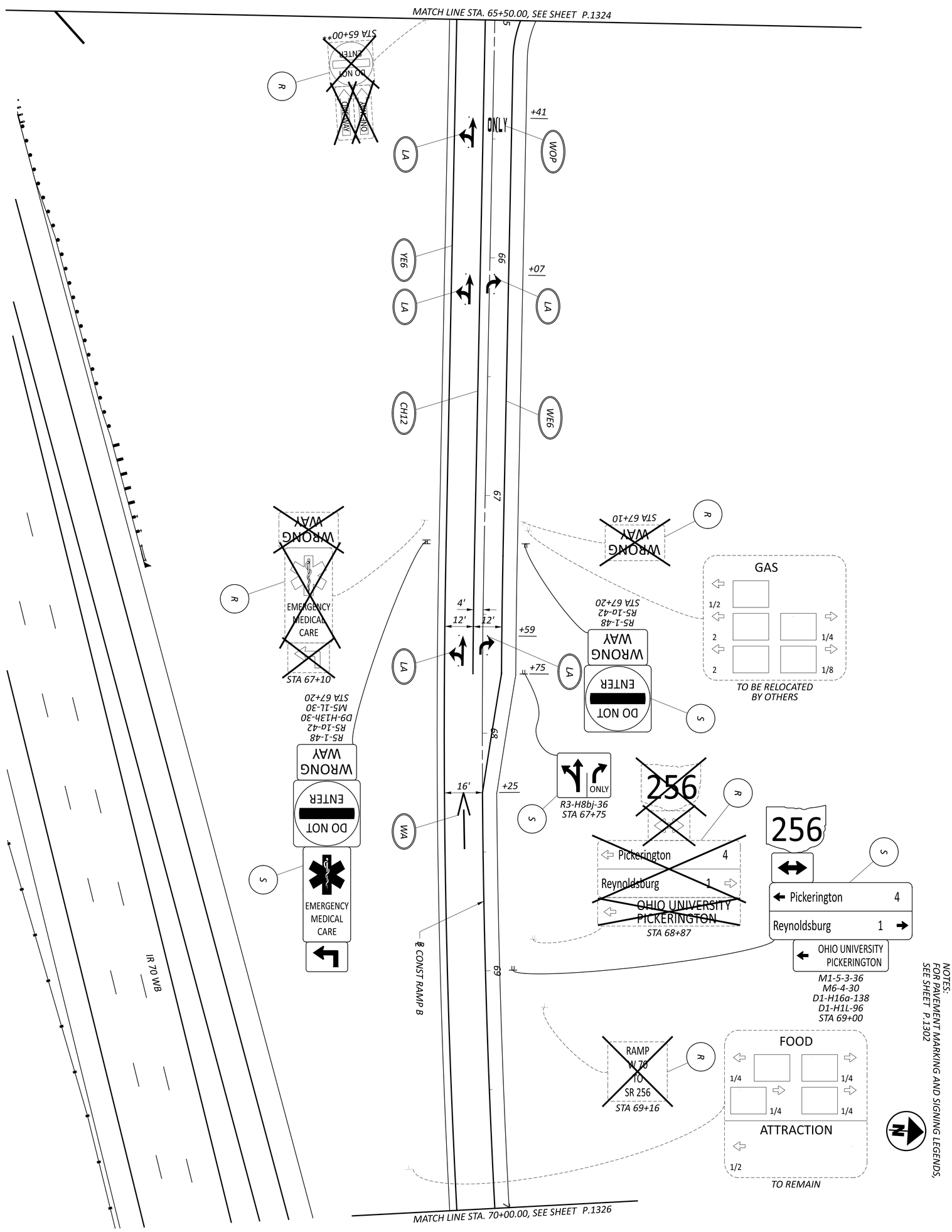

SHEET	TOTAL
P.1325	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP B
STA. 65+50.00 TO STA. 70+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP204 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:05 AM USER: brieder
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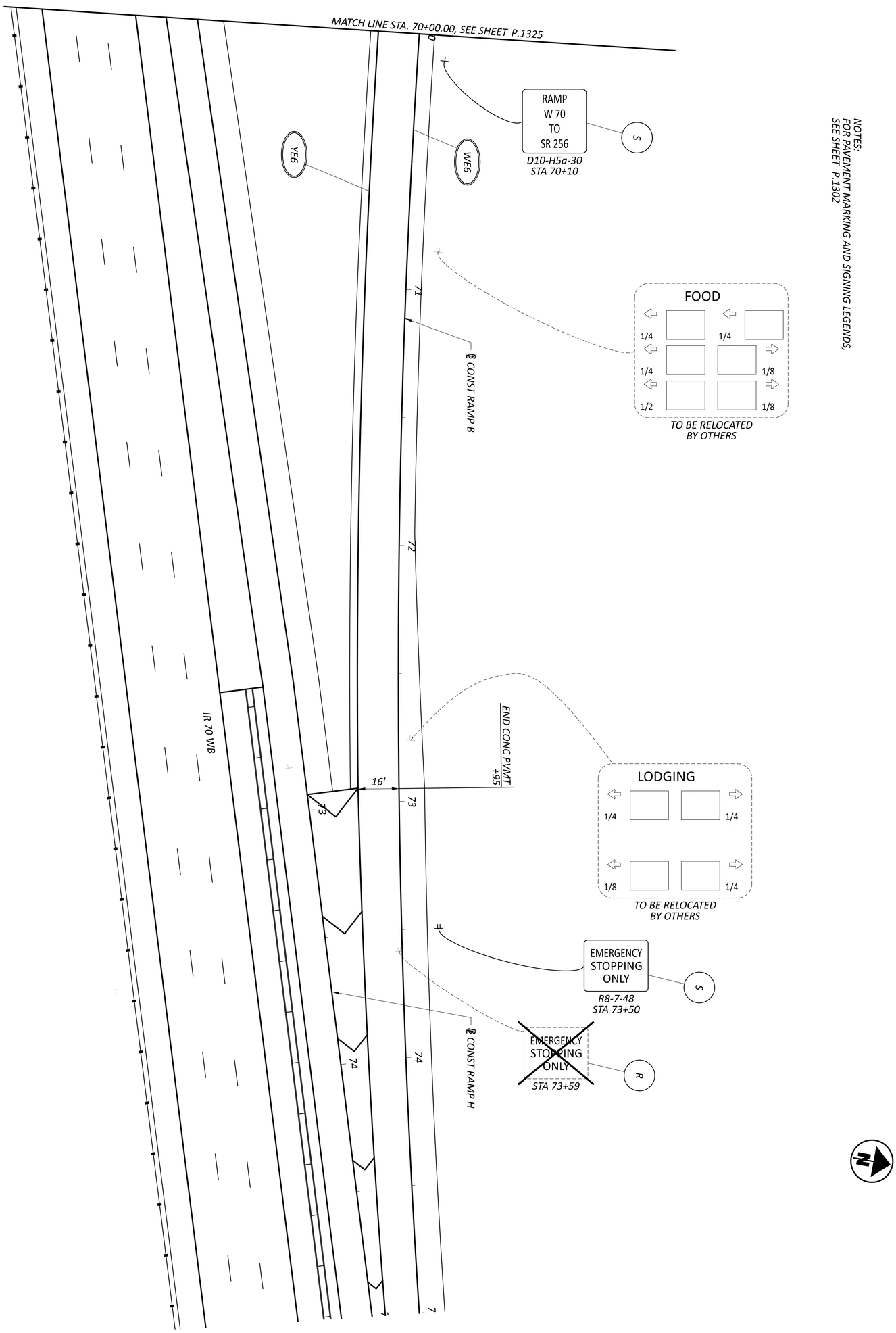

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

SHEET	TOTAL
P.1326	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP B
STA. 70+00.00 TO STA. 75+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP205 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:12 AM USER: brieder
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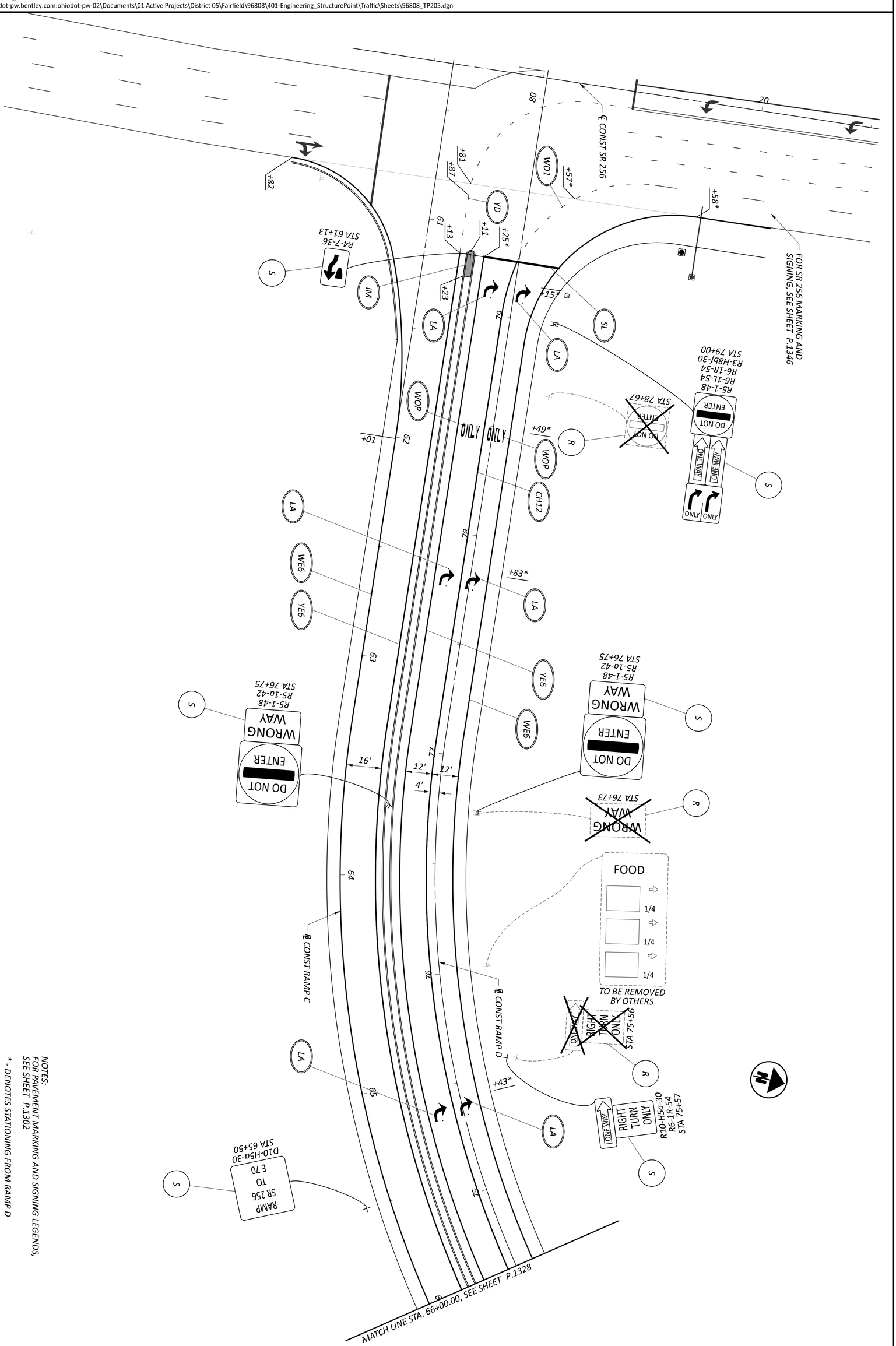

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

* - DENOTES STATIONING FROM RAMP D

SHEET	TOTAL
P.1327	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP C
STA. 60+28.84 TO STA. 66+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP206 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:19 AM USER: brieder
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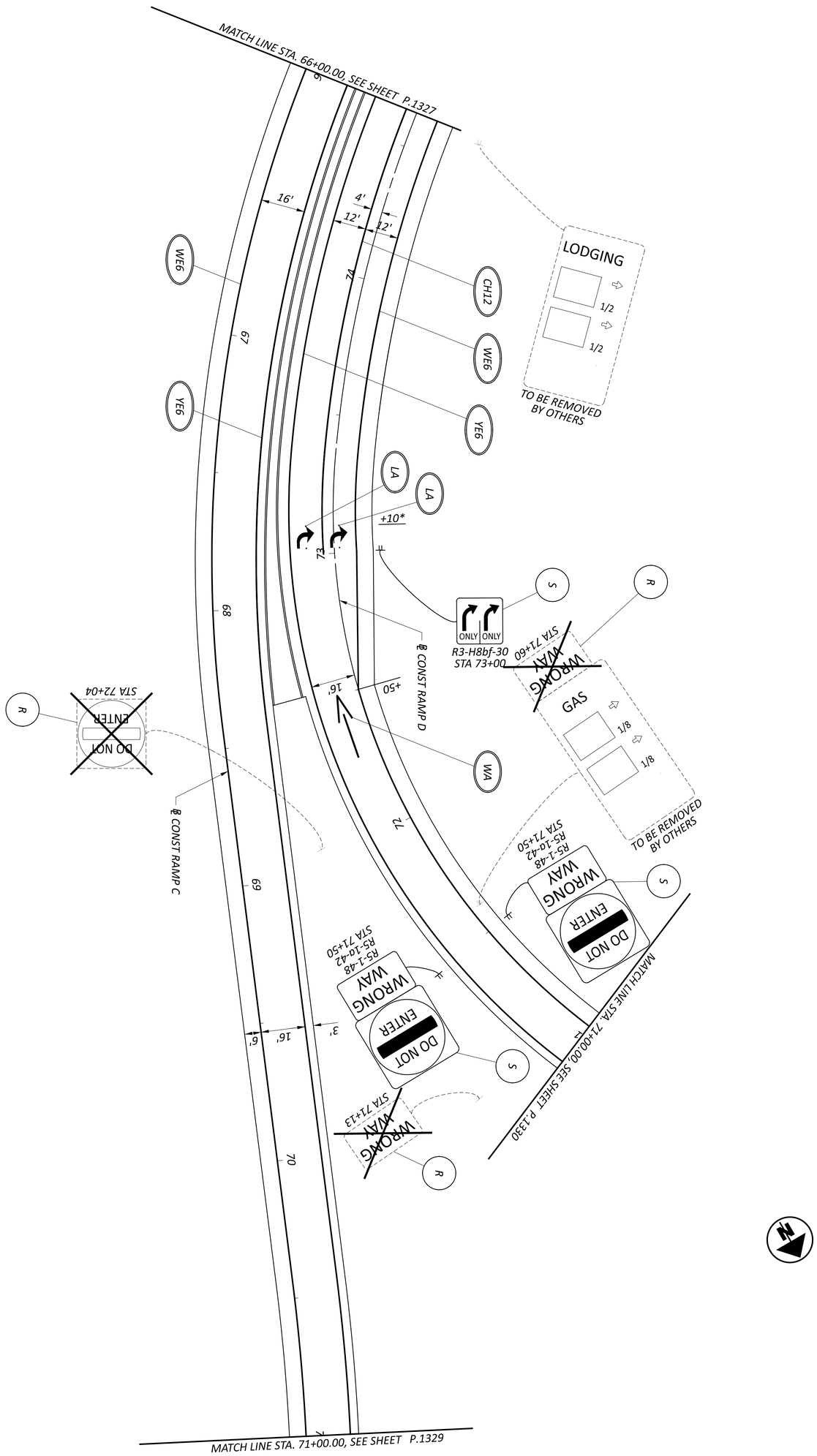

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET P.1328 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	TRAFFIC CONTROL PLAN - RAMP C STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP207 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:27 AM USER: brieder
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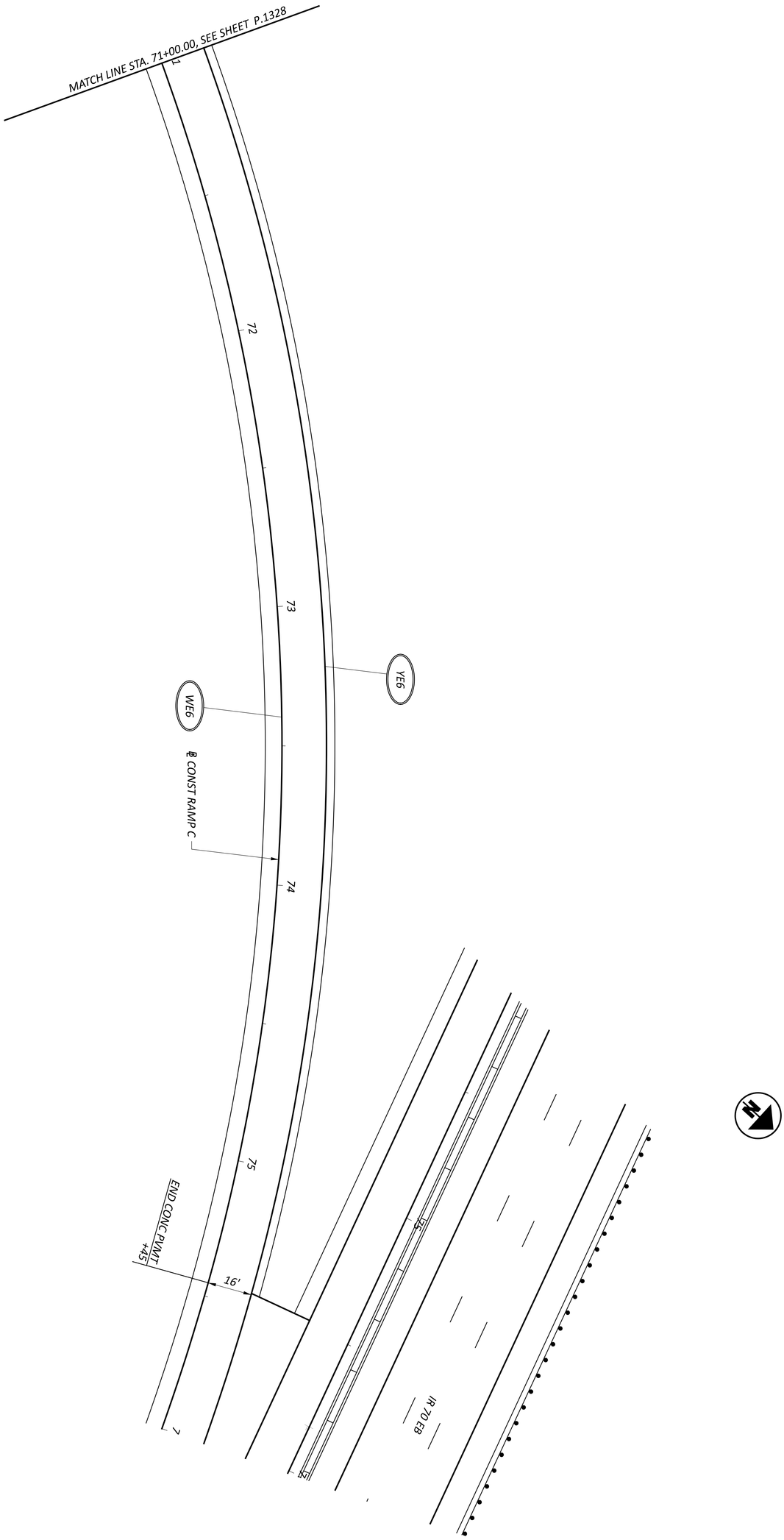

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

TRAFFIC CONTROL PLAN - RAMP C
STA. 71+00.00 TO STA. 76+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1329	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP208 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:36 AM USER: brieder
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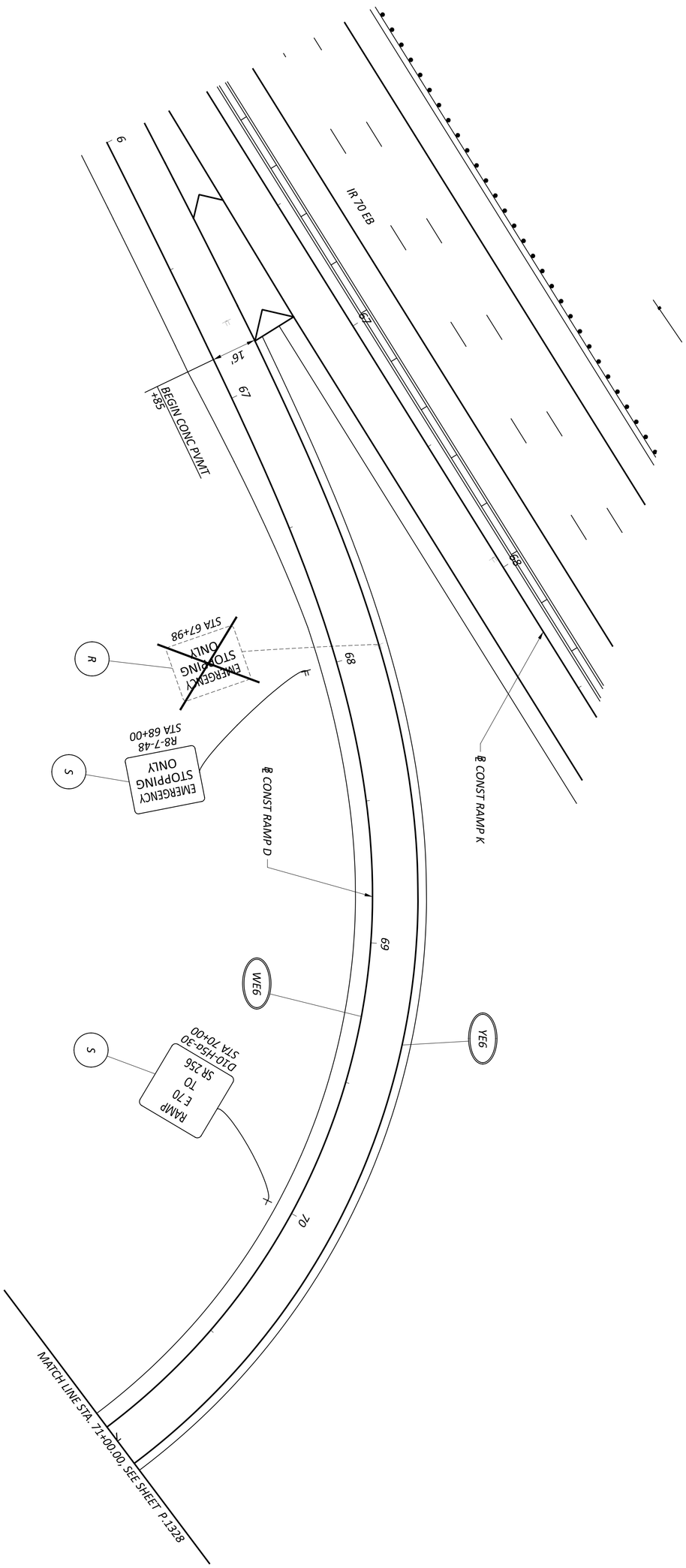

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

TRAFFIC CONTROL PLAN - RAMP D
STA. 66+00.00 TO STA. 71+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1330	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP209 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:45 AM USER: brieder
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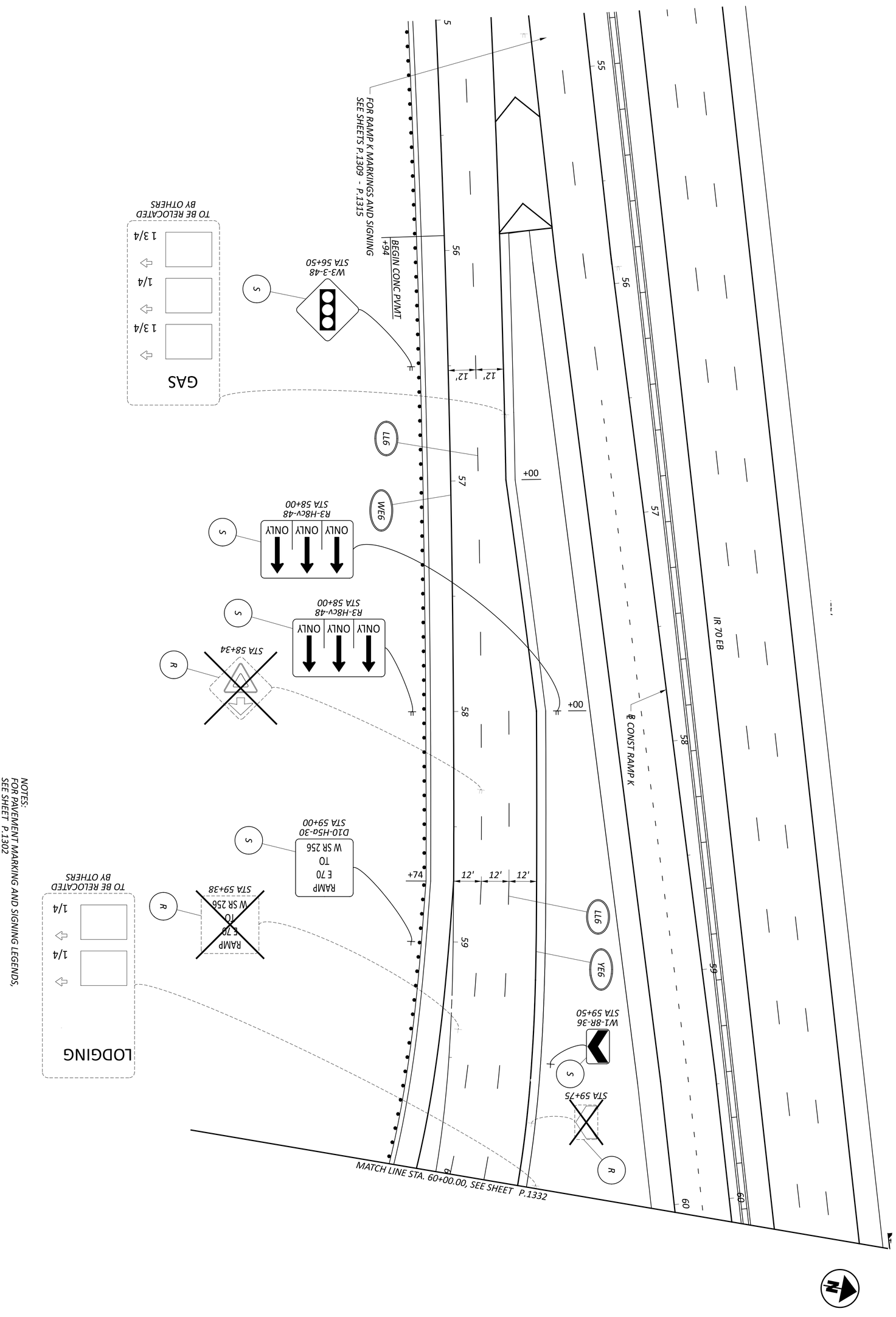

SHEET	TOTAL
P.1331	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP E
STA. 55+00.00 TO STA. 65+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP210 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:00:55 AM USER: brieder
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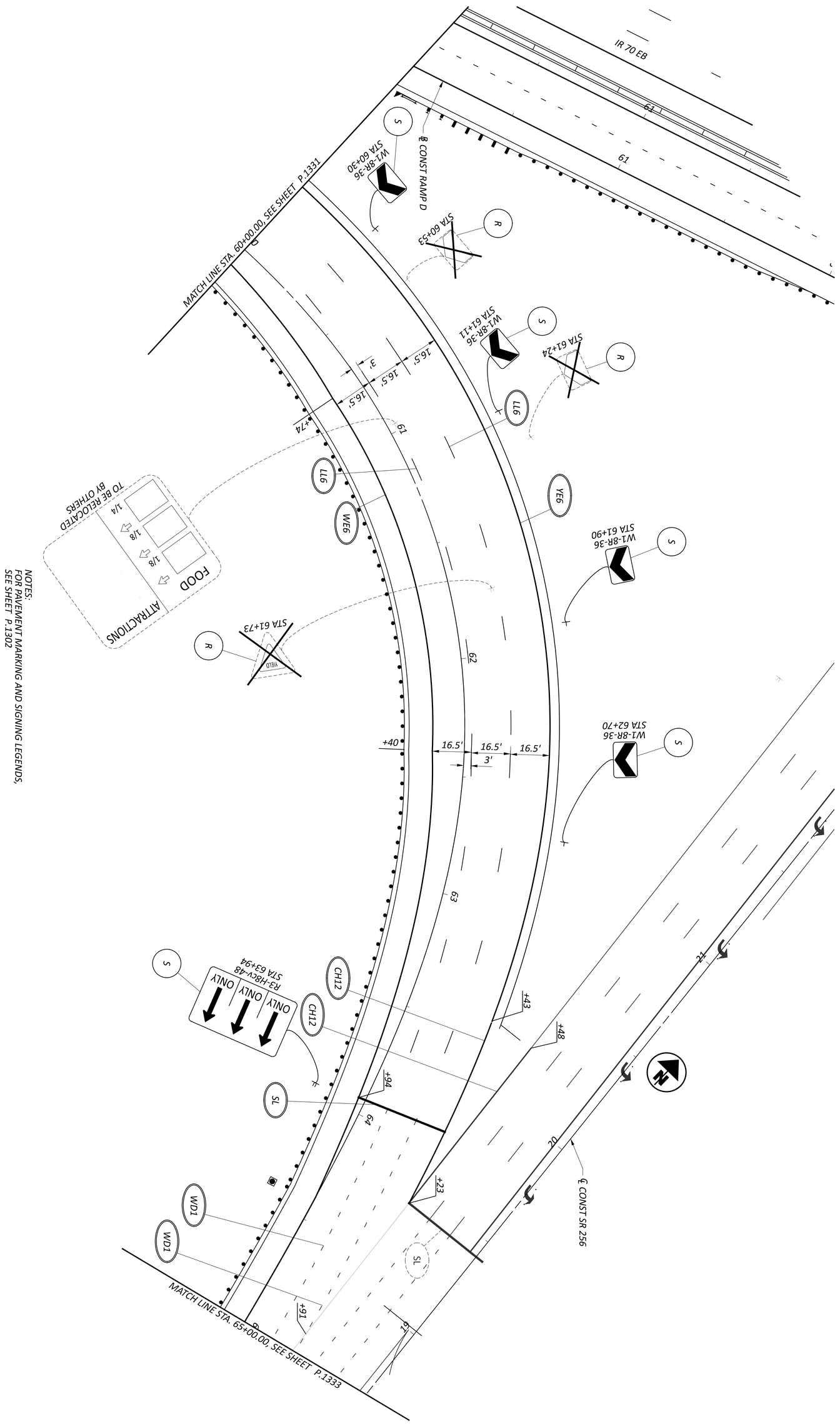

SHEET	TOTAL
P.1332	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP E
STA. 60+00.00 TO STA. 63+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: BLP_R070E - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:01 AM USER: brieder
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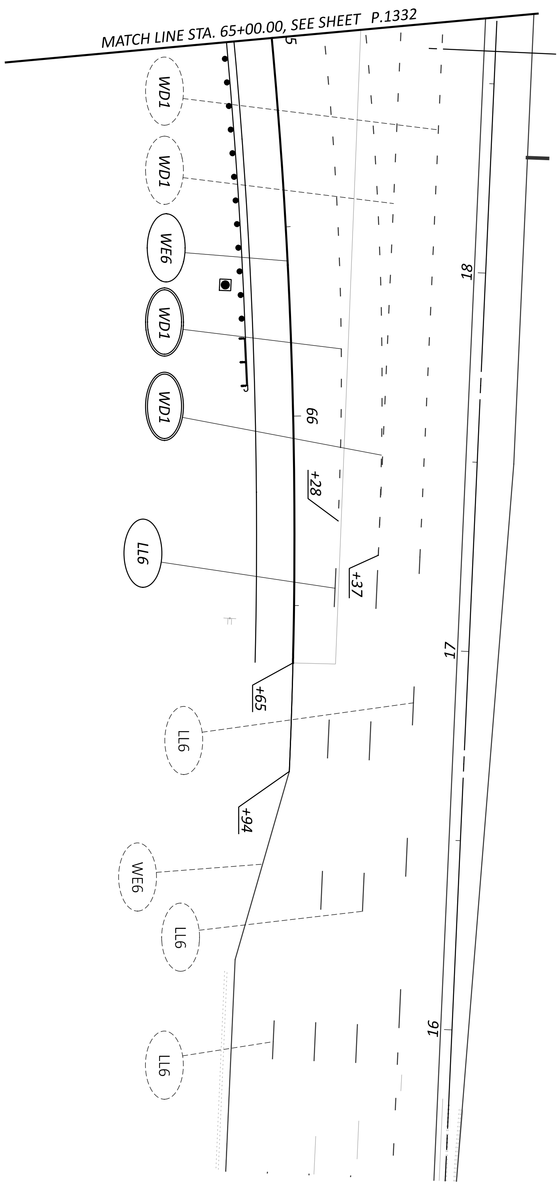


TRAFFIC CONTROL PLAN - RAMP E
STA. 65+00.00 TO STA. 66+93.83

HORIZONTAL SCALE IN FEET
0 20
10 40

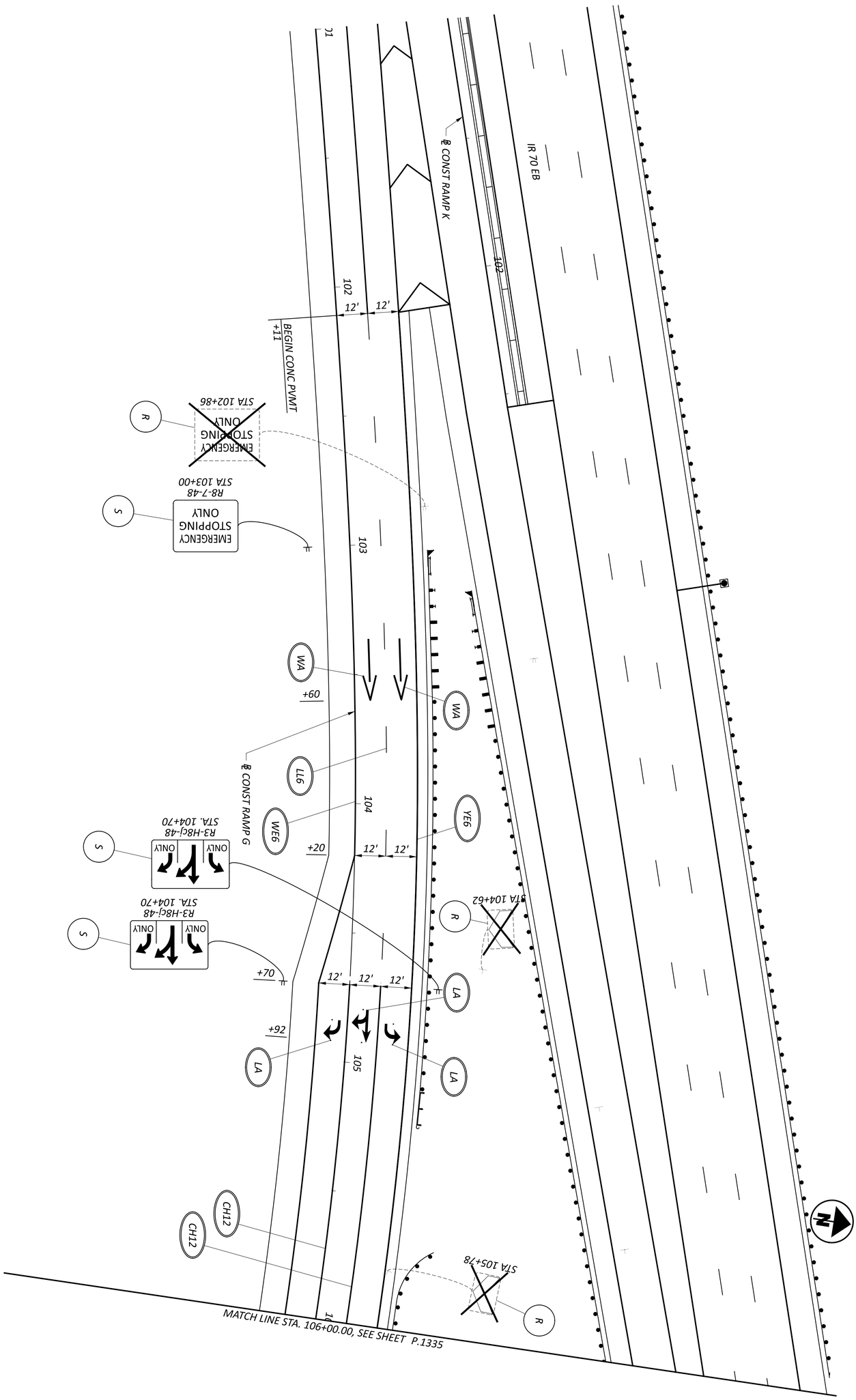
SHEET	TOTAL
P.1333	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

SHEET P.1334	TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP G
STA. 101+00.00 TO STA. 106+00.00

HORIZONTAL SCALE IN FEET
0 10 20 40

MODEL: 96808_TP212 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:22 AM USER: brieder
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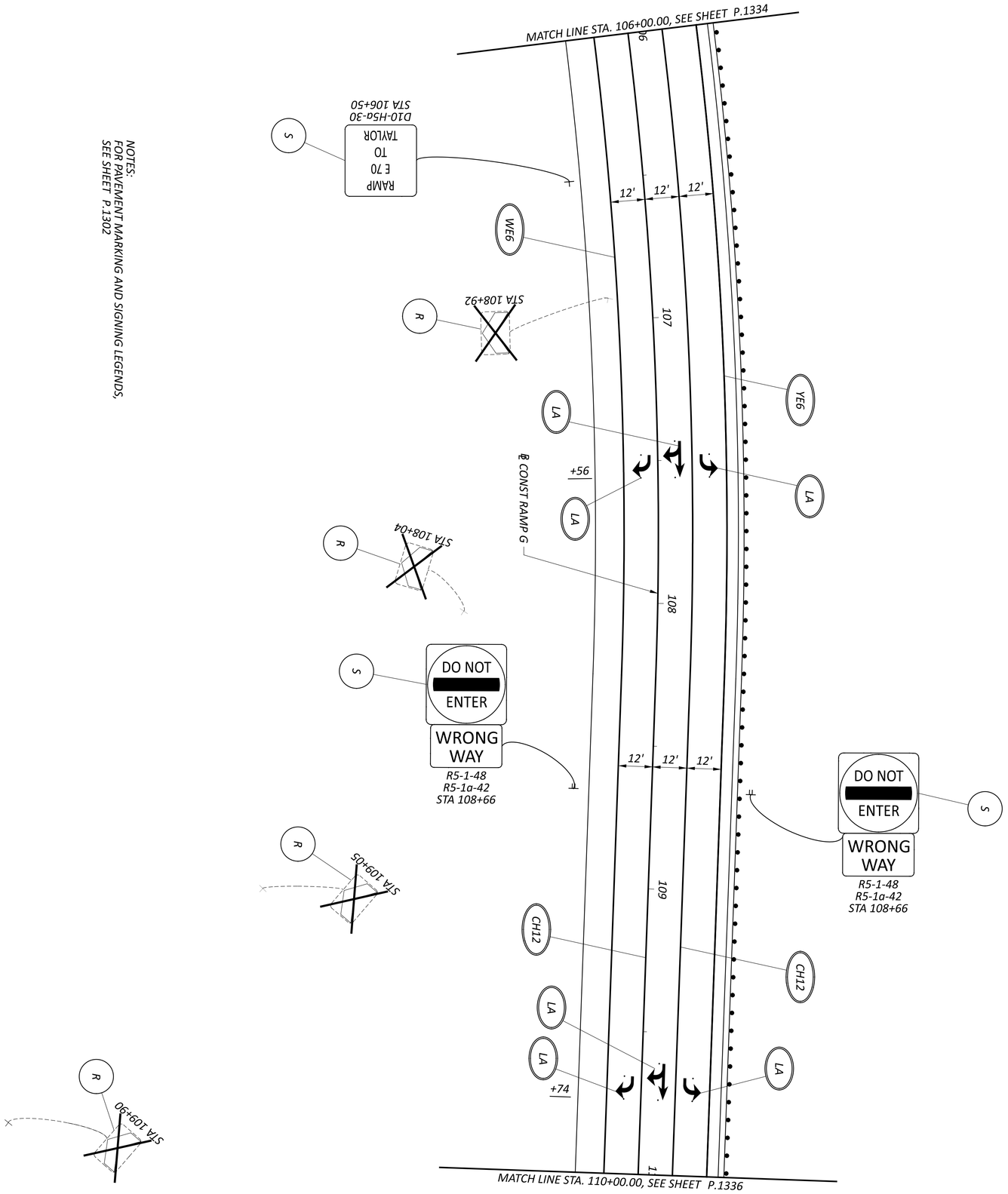

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

SHEET	TOTAL
P.1335	P.2024

PROJECT ID
96808

REVIEWER
VDK 08/07/26

DESIGNER
BER

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP G
STA. 106+00.00 TO STA. 110+00.00

HORIZONTAL
SCALE IN FEET
0 20
10 40

MODEL: BLP_R070G - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:29 AM USER: brieder
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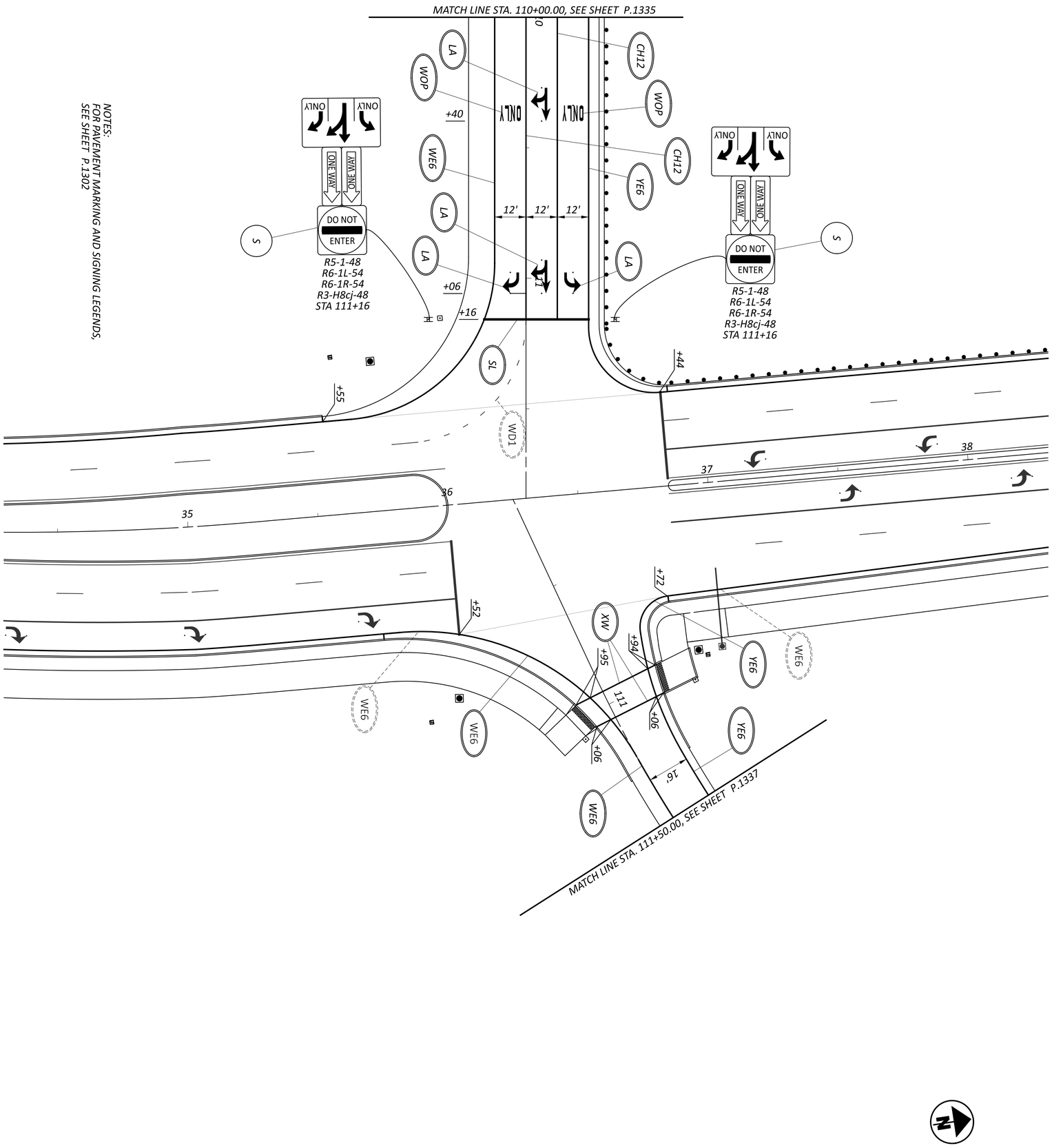

SHEET	TOTAL
P.1336	P.2024

PROJECT ID: 96808

REVIEWER: KAM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP G & RAMP J
STA. 110+00.00 TO STA. 111+84.30 & STA. 110+13.40 TO STA. 111+50.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP217 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:40 AM USER: brieder
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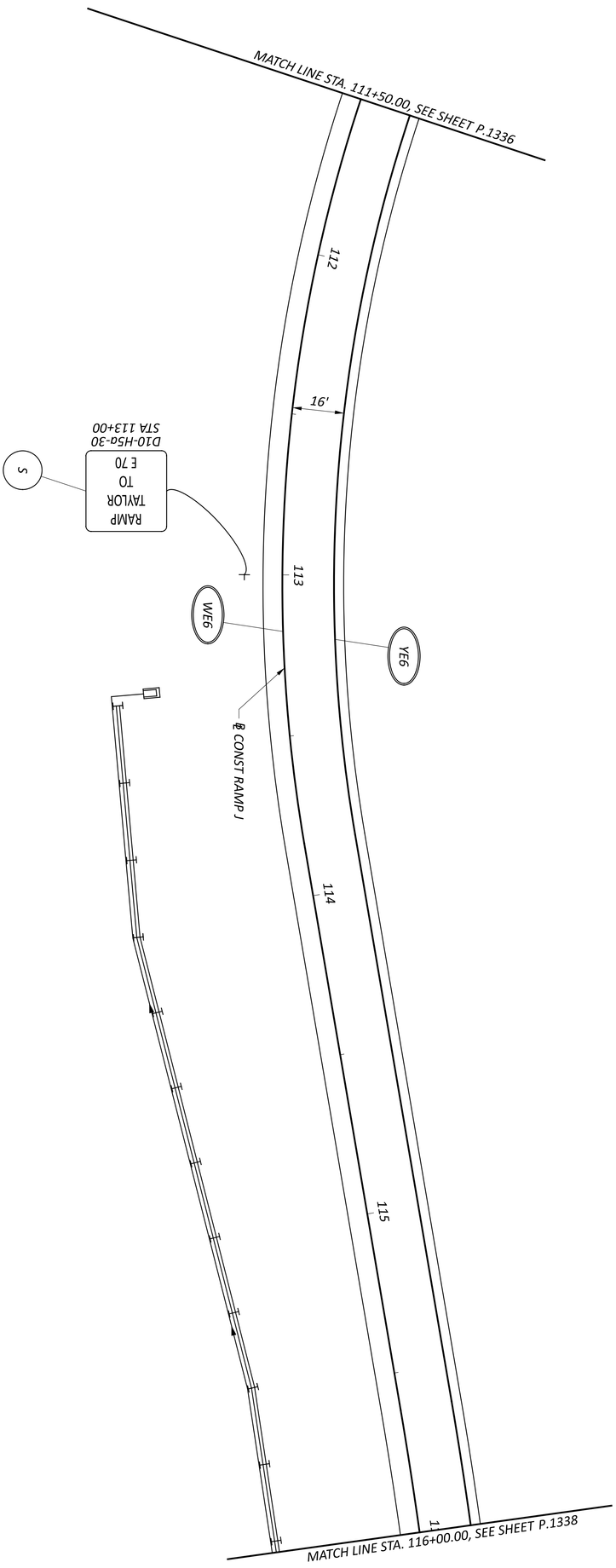

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

TRAFFIC CONTROL PLAN - RAMP J
STA. 111+50.00 TO STA. 116+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1337	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

HORIZONTAL
SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN - RAMP J
STA. 116+00.00 TO STA. 121+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
BER

REVIEWER
VDK 08/07/26

PROJECT ID
96808

SHEET P.1338 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP218 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:49 AM USER: brieder
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MODEL: 96808_TP213 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:01:58 AM USER: brieder
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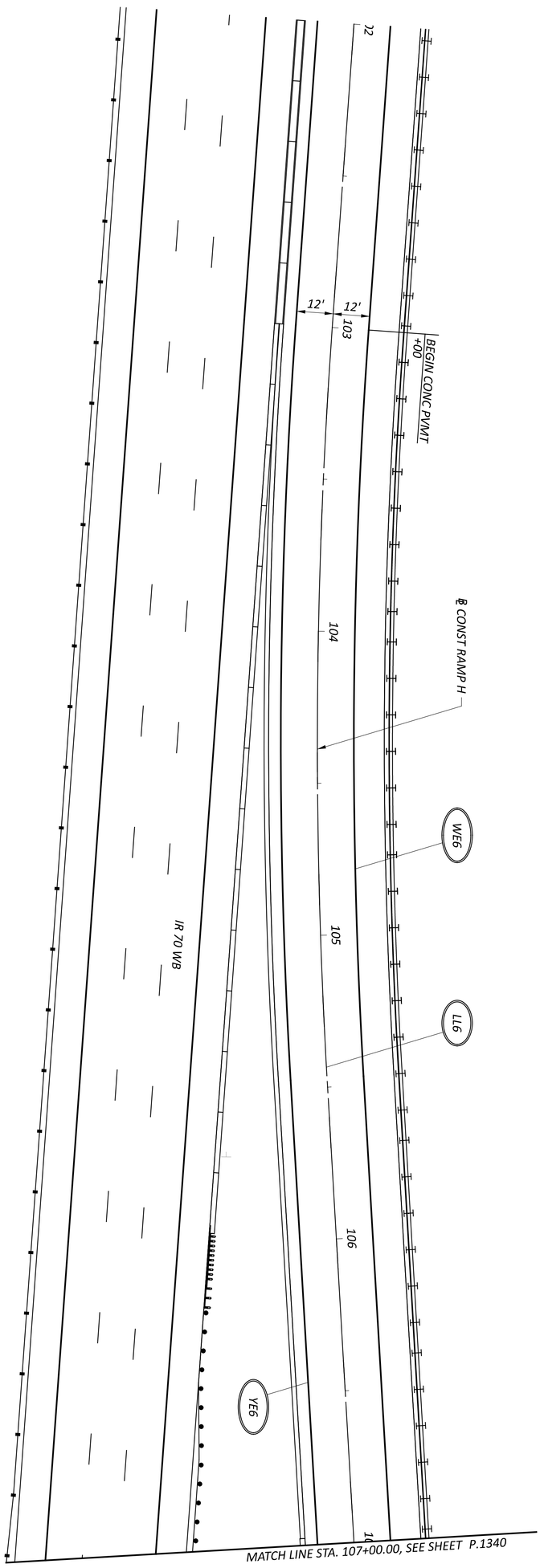

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

TRAFFIC CONTROL PLAN - RAMP H
STA. 102+00.00 TO STA. 107+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1339	P.2024	96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP214 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:04 AM USER: brieder
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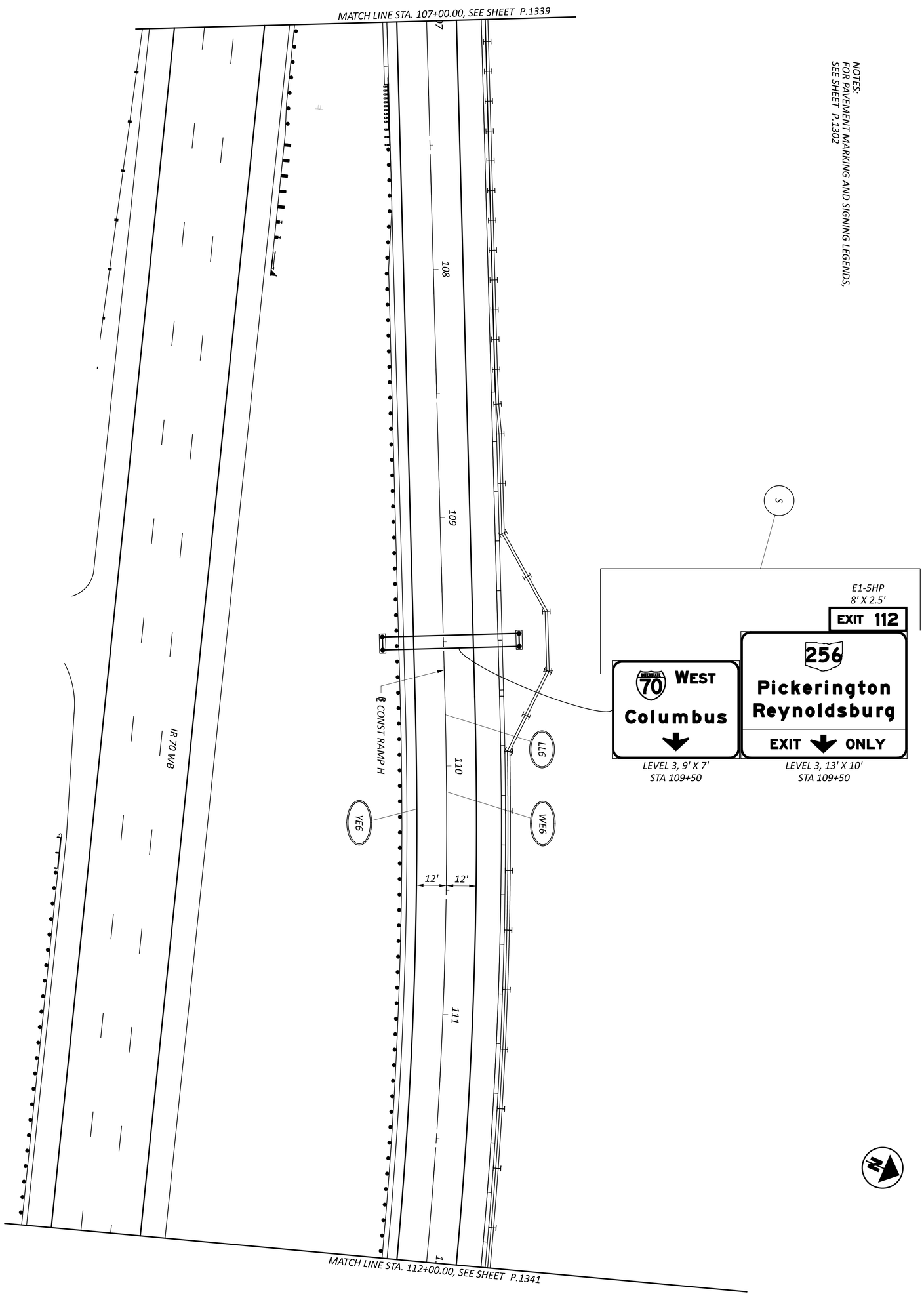

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1340	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP H
STA. 107+00.00 TO STA. 112+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: BLP_R070H - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:13 AM USER: brieder
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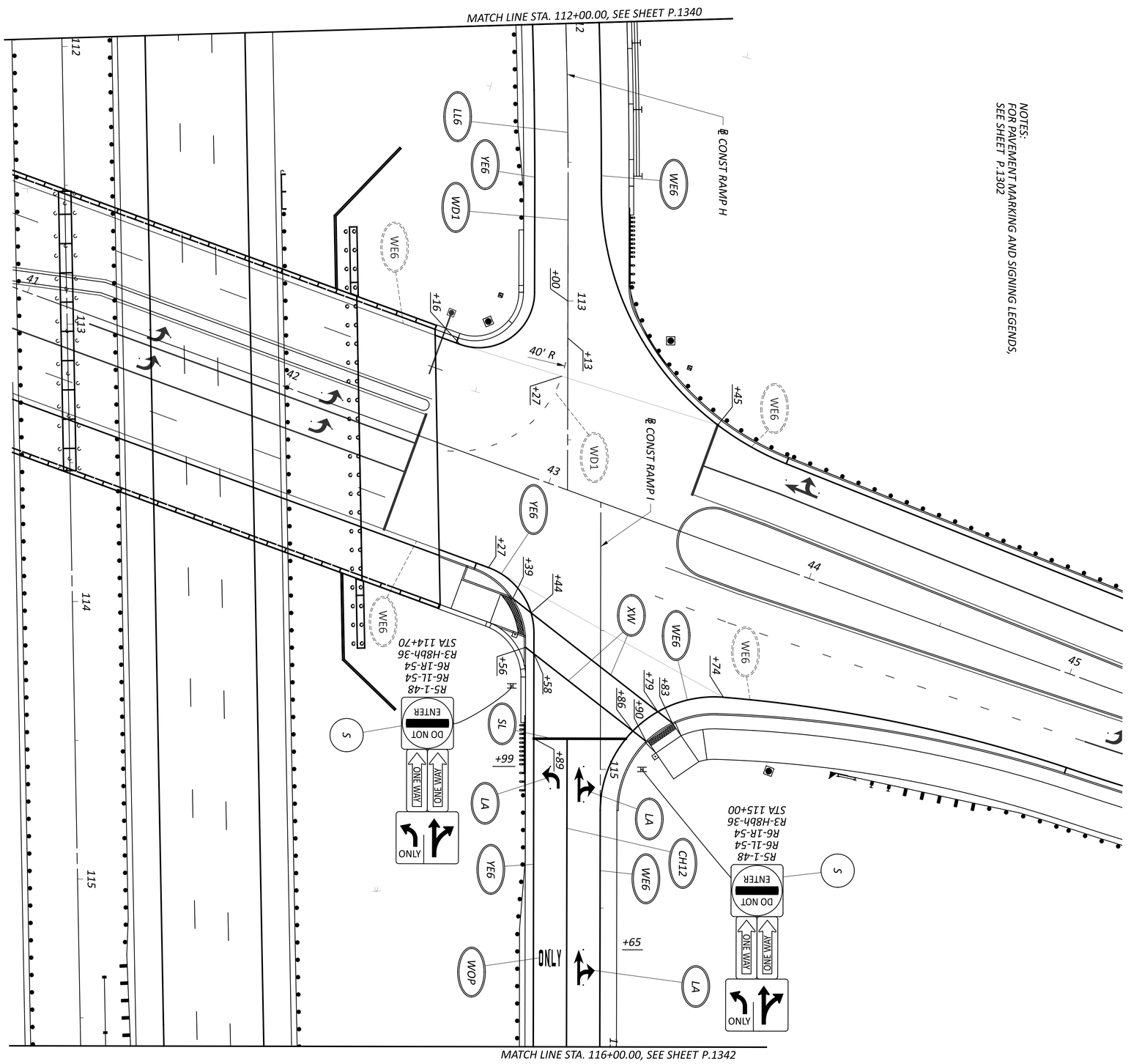

TRAFFIC CONTROL PLAN - RAMP H & RAMP I
STA. 112+00.00 TO STA. 113+68.11 & STA. 114+03.78 TO STA. 116+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1341	P.2024

PROJECT ID: 96808
REVIEWER: KAM 08/07/26
DESIGNER: BER
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP215 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:25 AM USER: brieder
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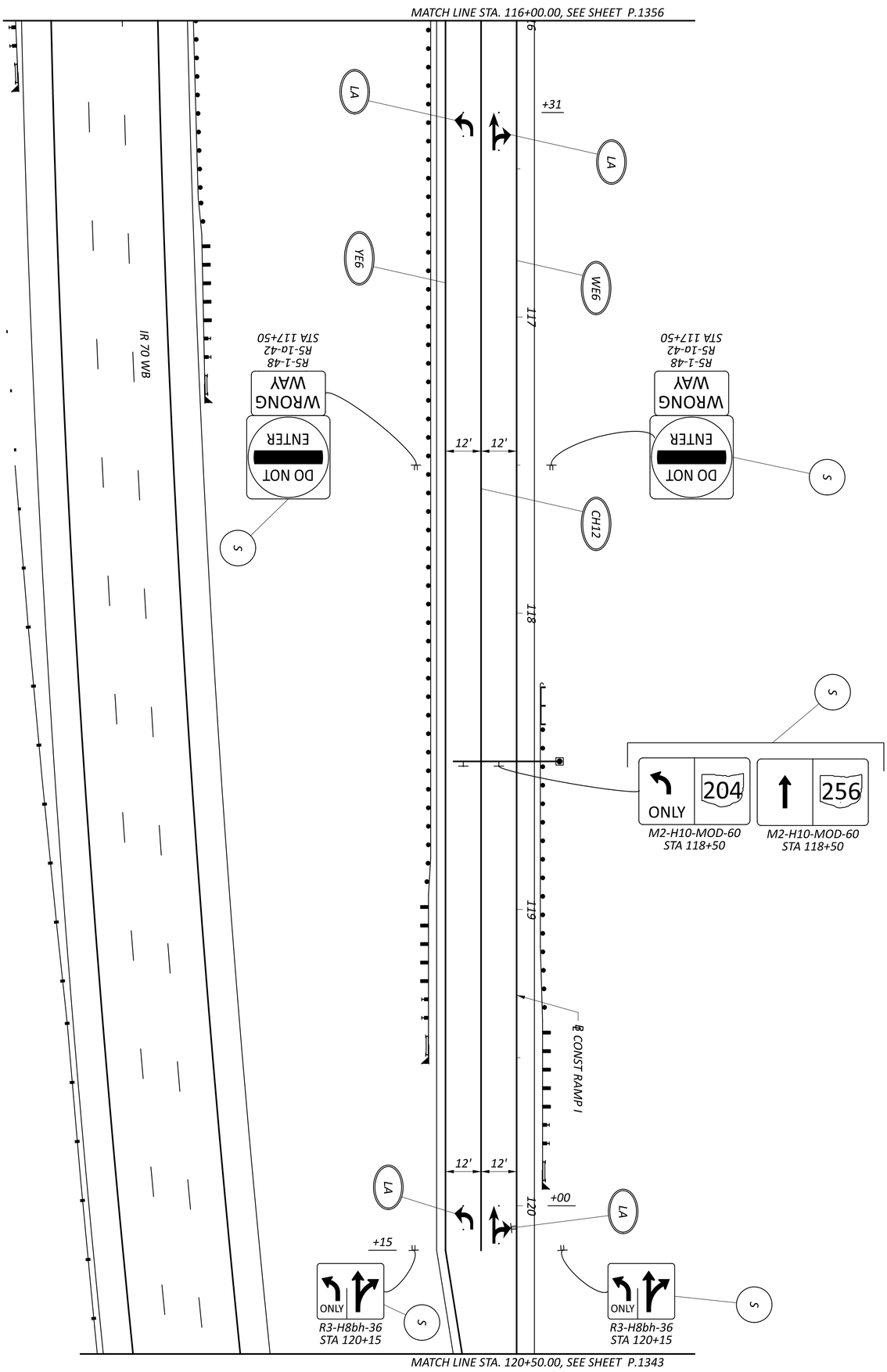

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1342	P.2024	96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP I
STA. 116+00.00 TO STA. 120+50.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP216 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:34 AM USER: brieder
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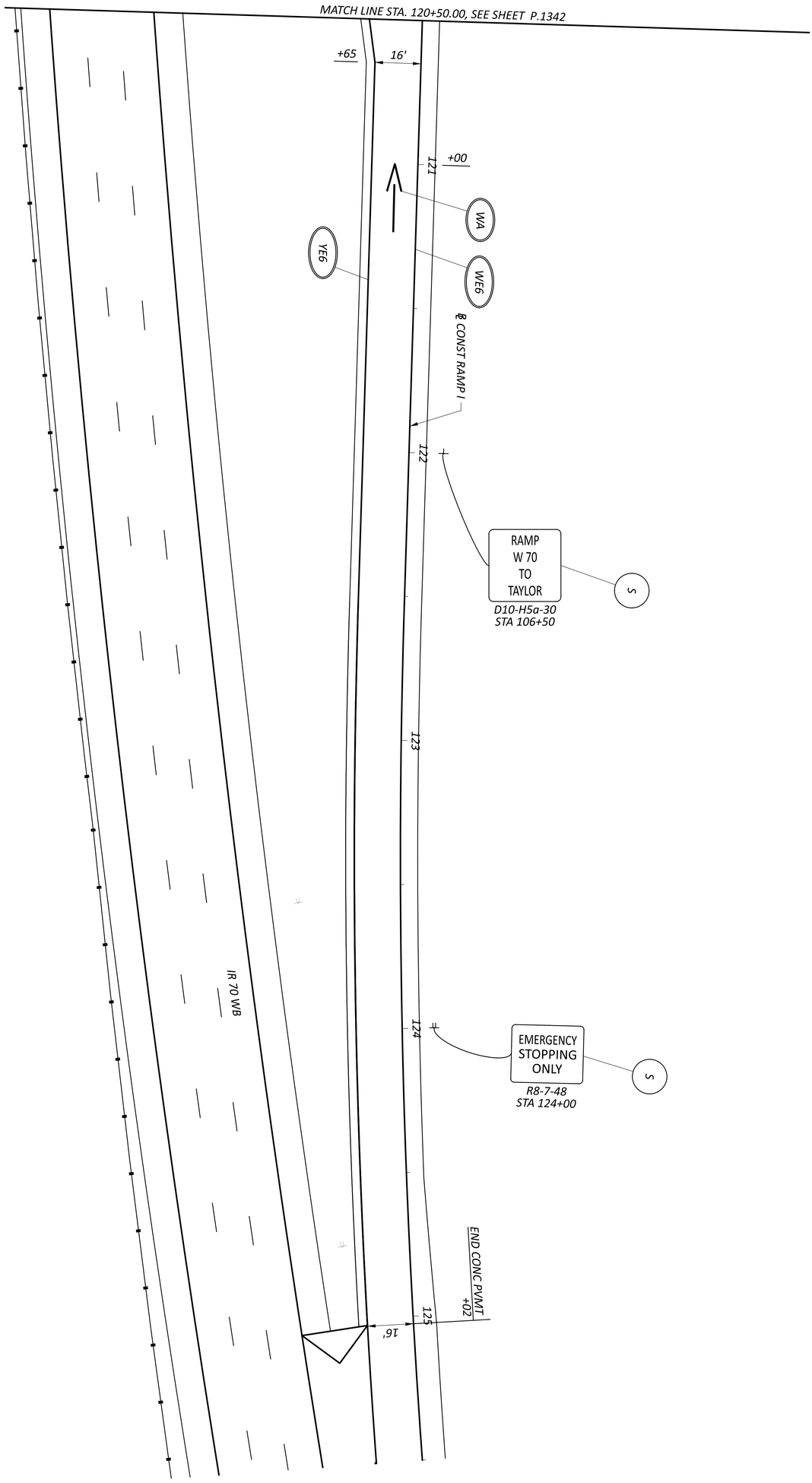

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

N

SHEET	TOTAL
P.1343	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - RAMP I
STA. 120+50.00 TO STA. 125+50.00

HORIZONTAL SCALE IN FEET

0 20
10 40

MODEL: 96808_TP401 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:43 AM USER: brieder
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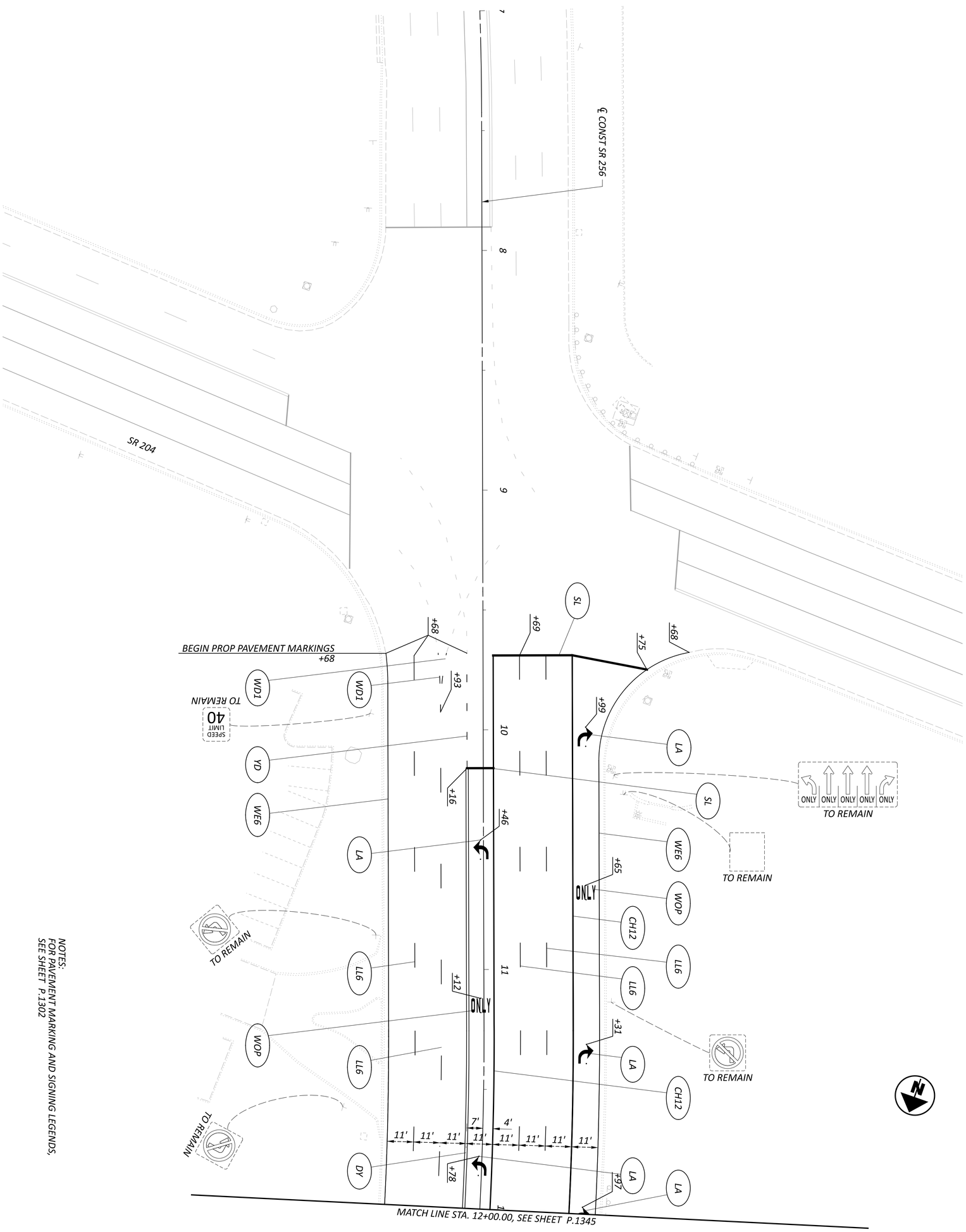

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1344	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 7+00.00 TO STA. 12+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP402 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:02:53 AM USER: brieder
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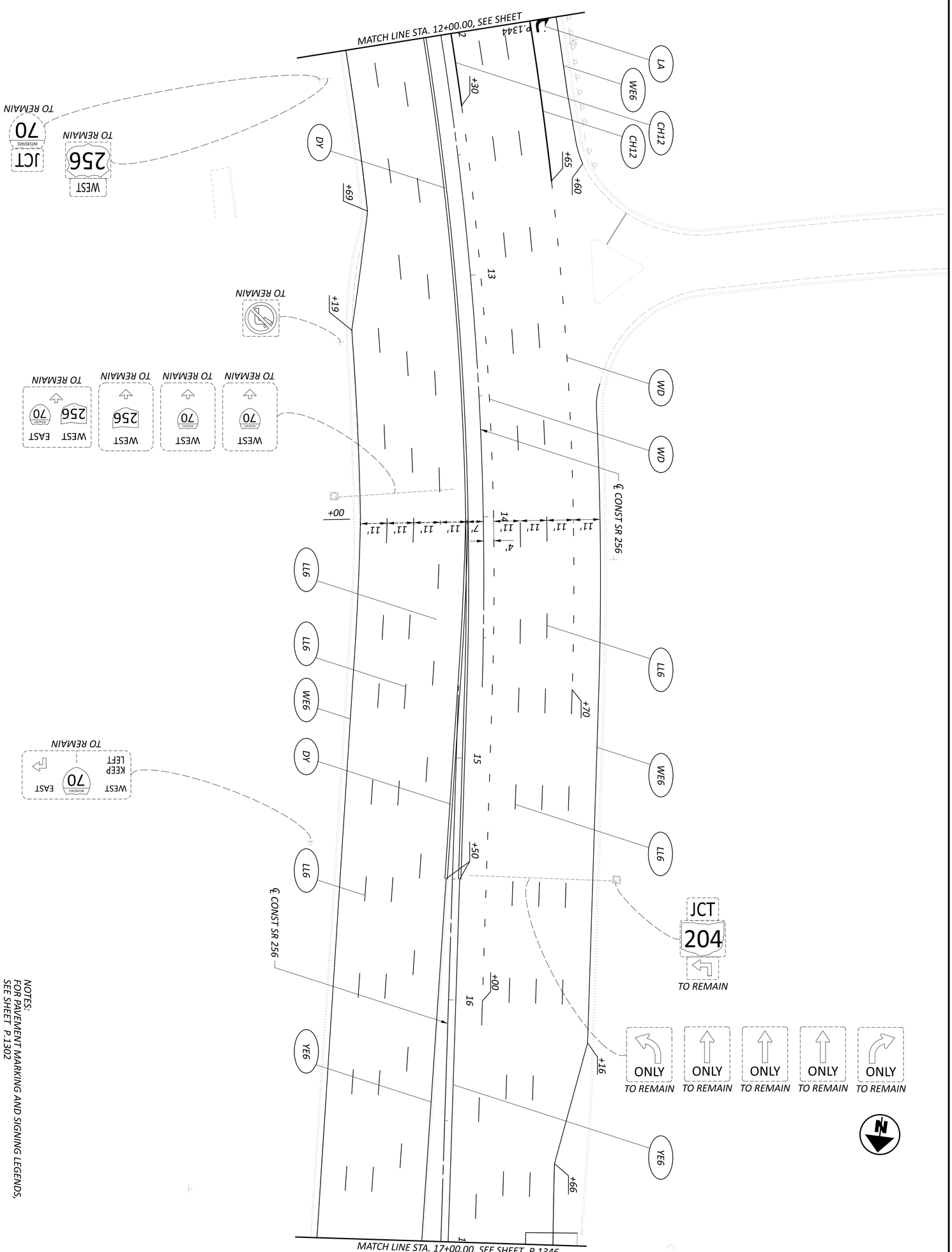

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

*** - DENOTES STATIONING FROM RAMP E

SHEET	TOTAL
P.1345	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 12+00.00 TO STA. 17+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP403 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:02 AM USER: brieder
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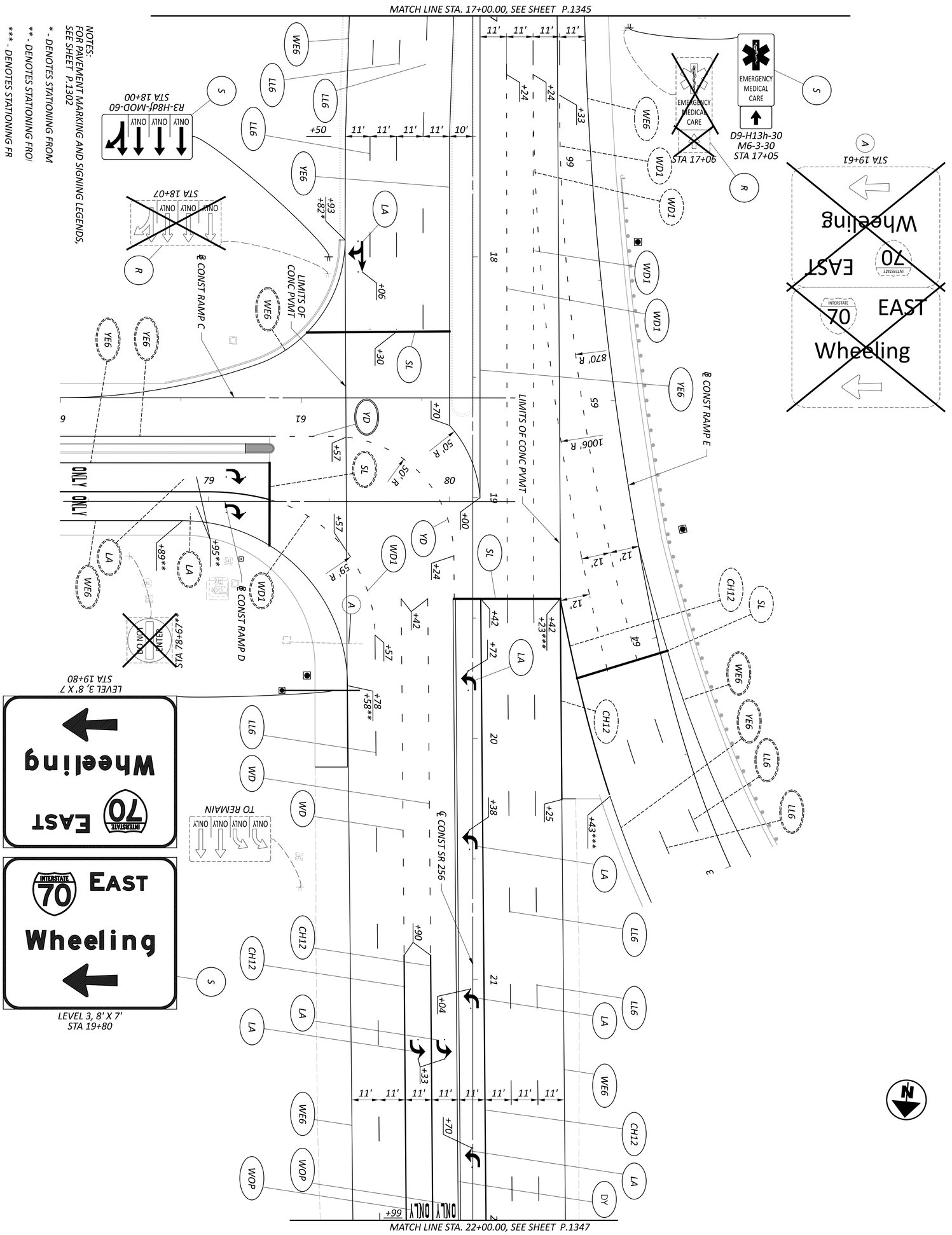

SHEET P.1346 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	AMERICAN STRUCTUREPOINT INC. DESIGN AGENCY	TRAFFIC CONTROL PLAN - SR 256 STA. 17+00.00 TO STA. 22+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP404 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:11 AM USER: brieder
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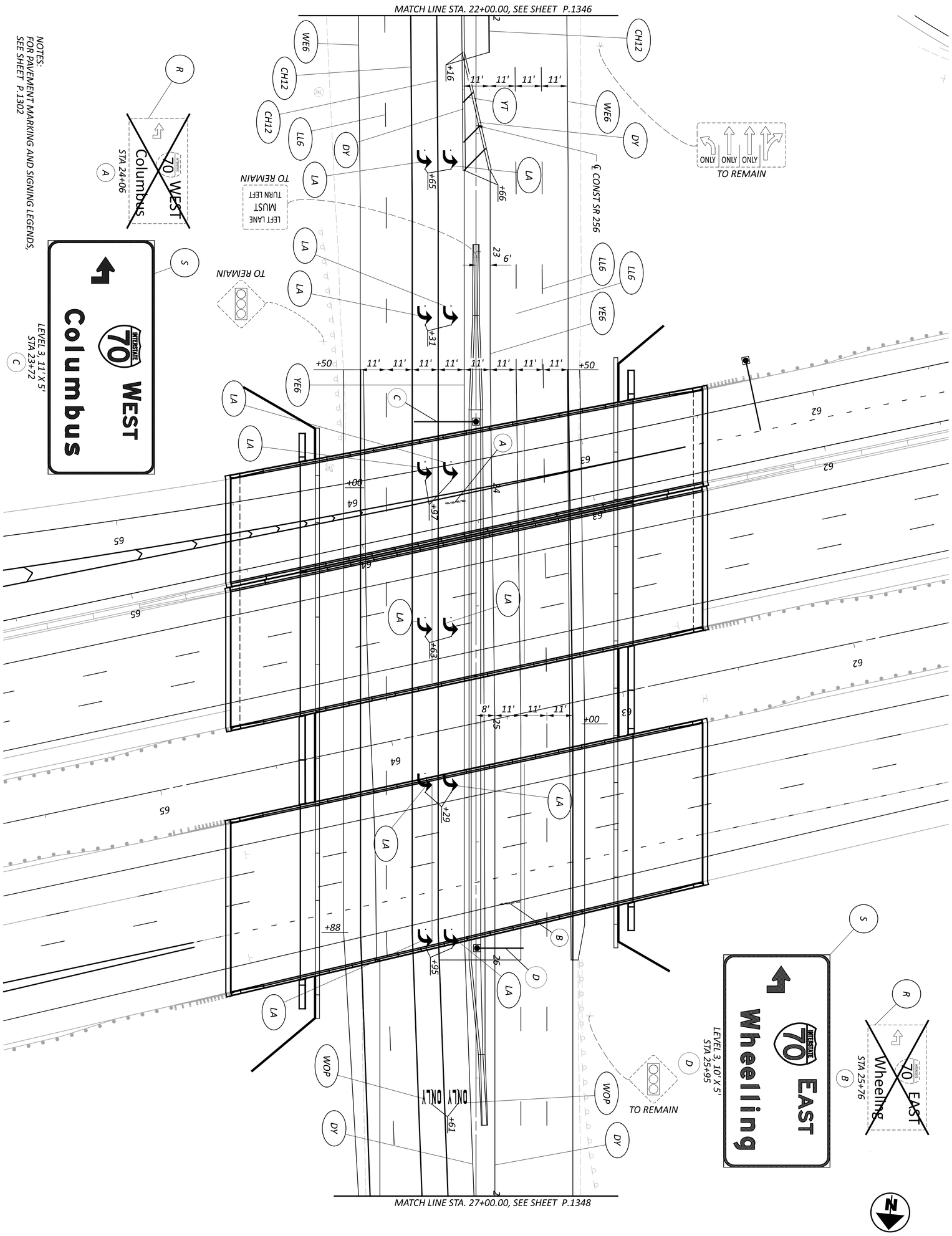

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	VDK 08/07/26	96808	P.1347	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 22+00.00 TO STA. 27+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP405 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:20 AM USER: brieder
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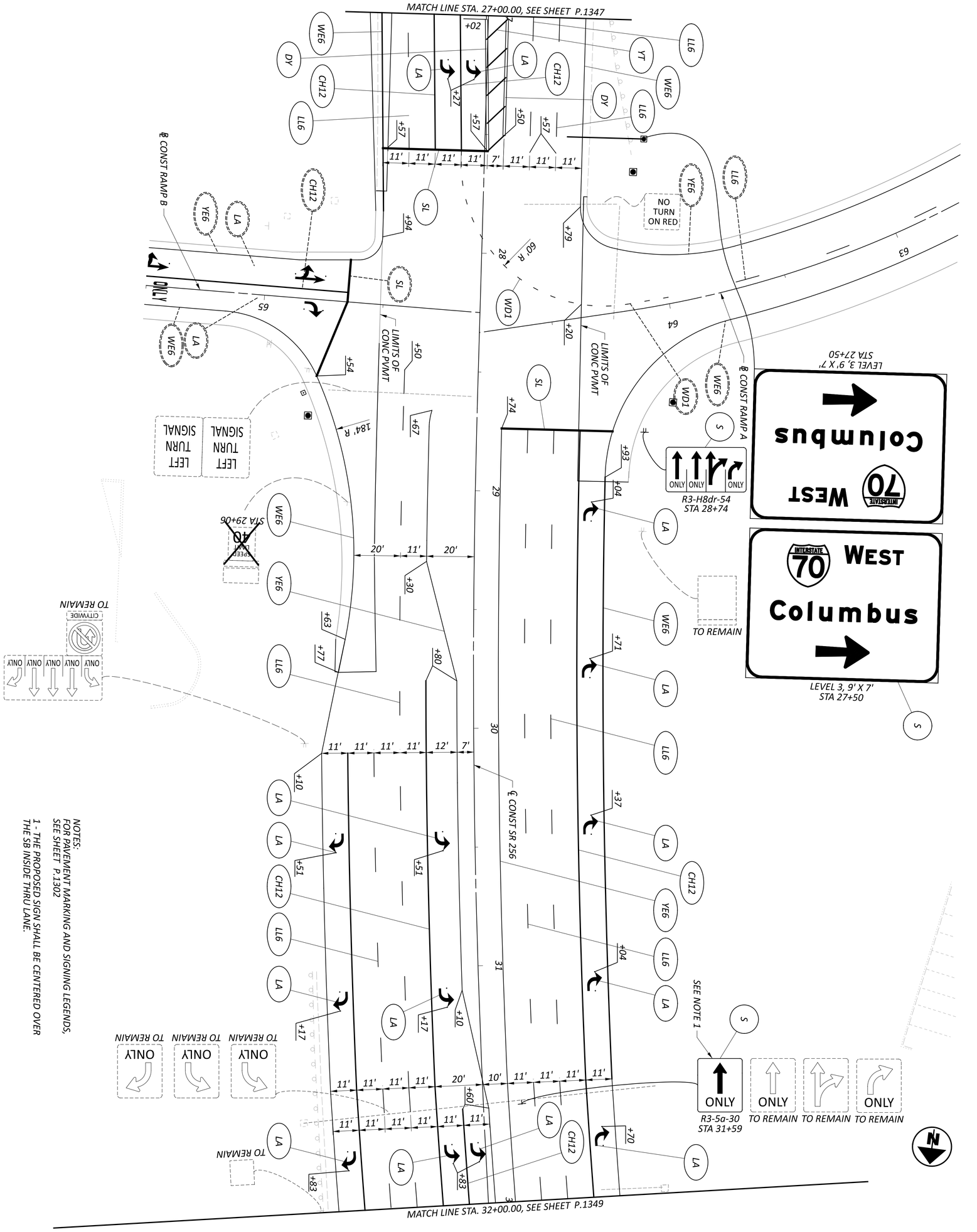

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

1 - THE PROPOSED SIGN SHALL BE CENTERED OVER THE SB INSIDE THRU LANE.

SHEET	TOTAL
P.1348	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 27+00.00 TO STA. 32+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP406 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:29 AM USER: brieder
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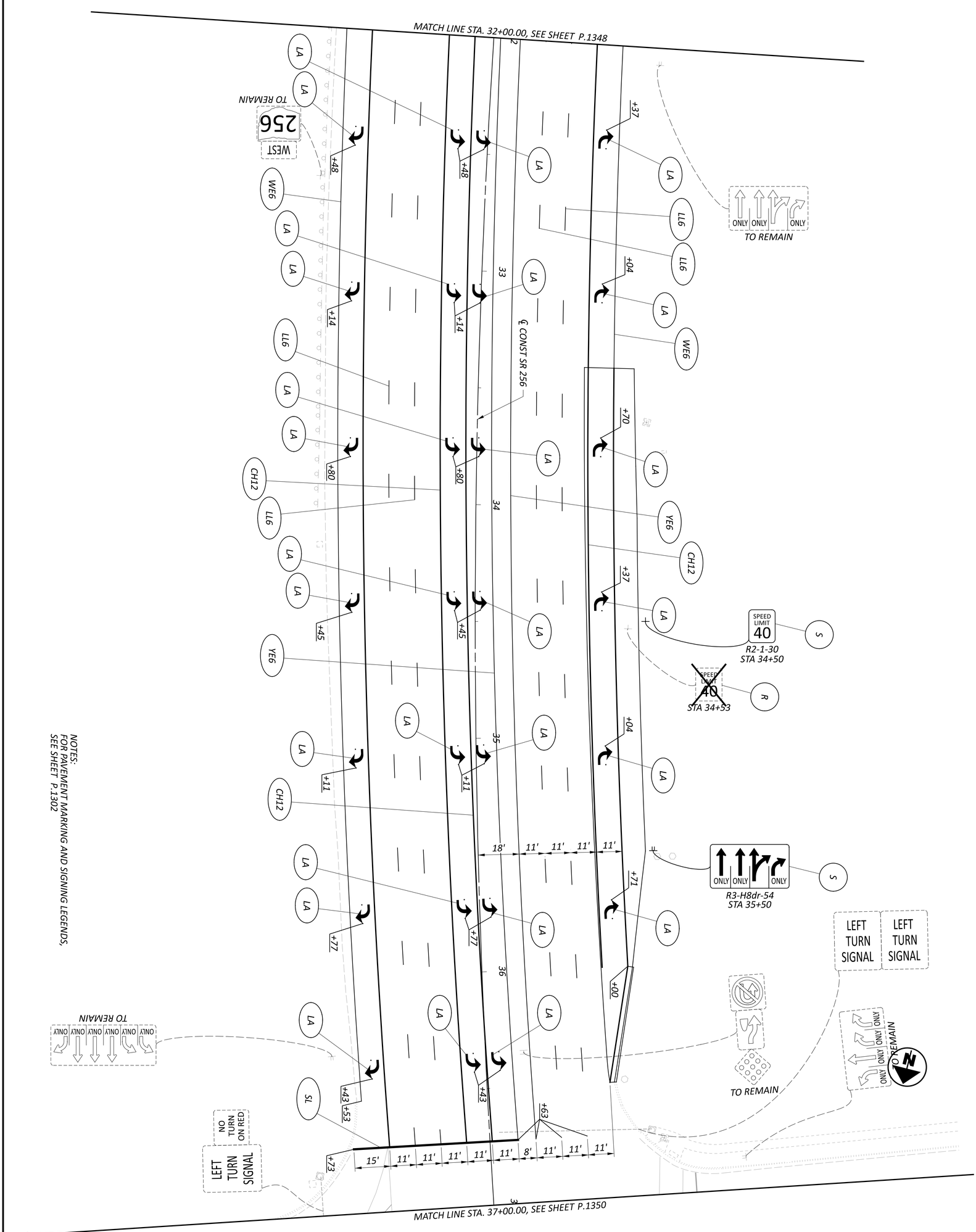

SHEET	TOTAL
P.1349	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 32+00.00 TO STA. 37+00.00

HORIZONTAL SCALE IN FEET

0 20

10 40

MODEL: 96808_TP407 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:38 AM USER: brieder
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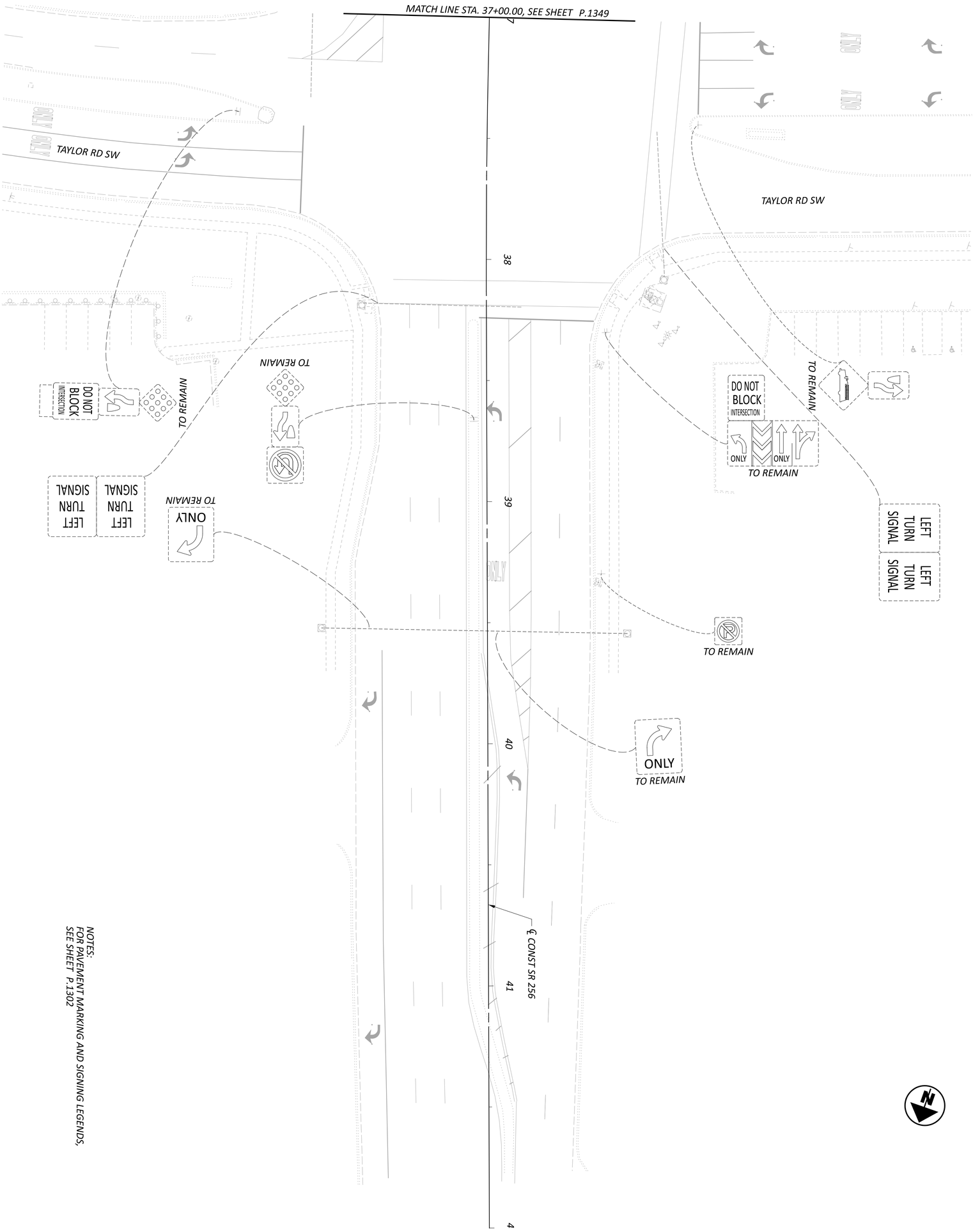

SHEET	TOTAL
P.1350	P.2024

PROJECT ID
96808

REVIEWER	
VDK	08/07/26

DESIGNER
BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 256
STA. 37+00.00 TO STA. 42+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP408 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:47 AM USER: brieder
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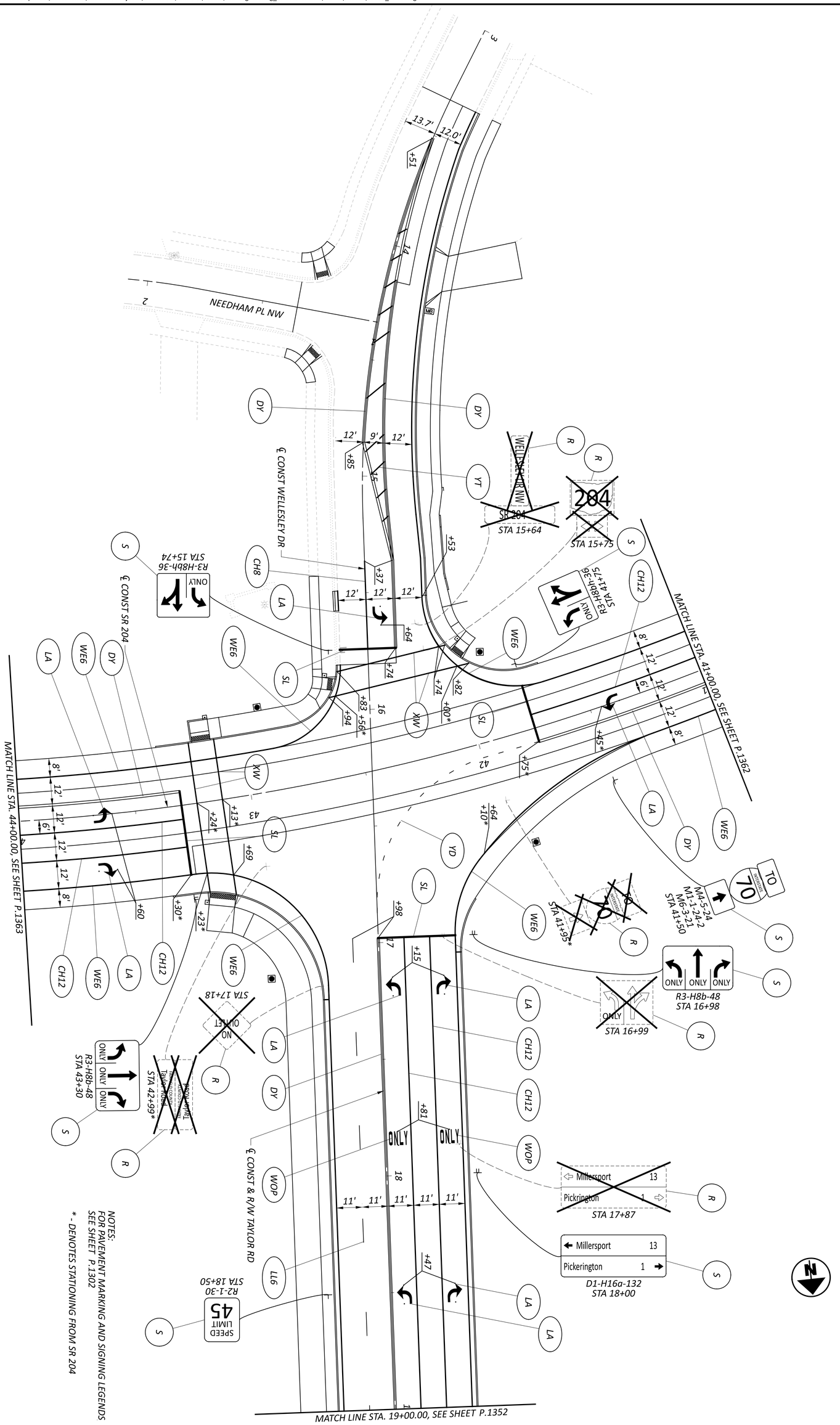

SHEET	TOTAL
P.1351	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 14+00.00 TO STA. 19+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP409 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:03:58 AM USER: brieder
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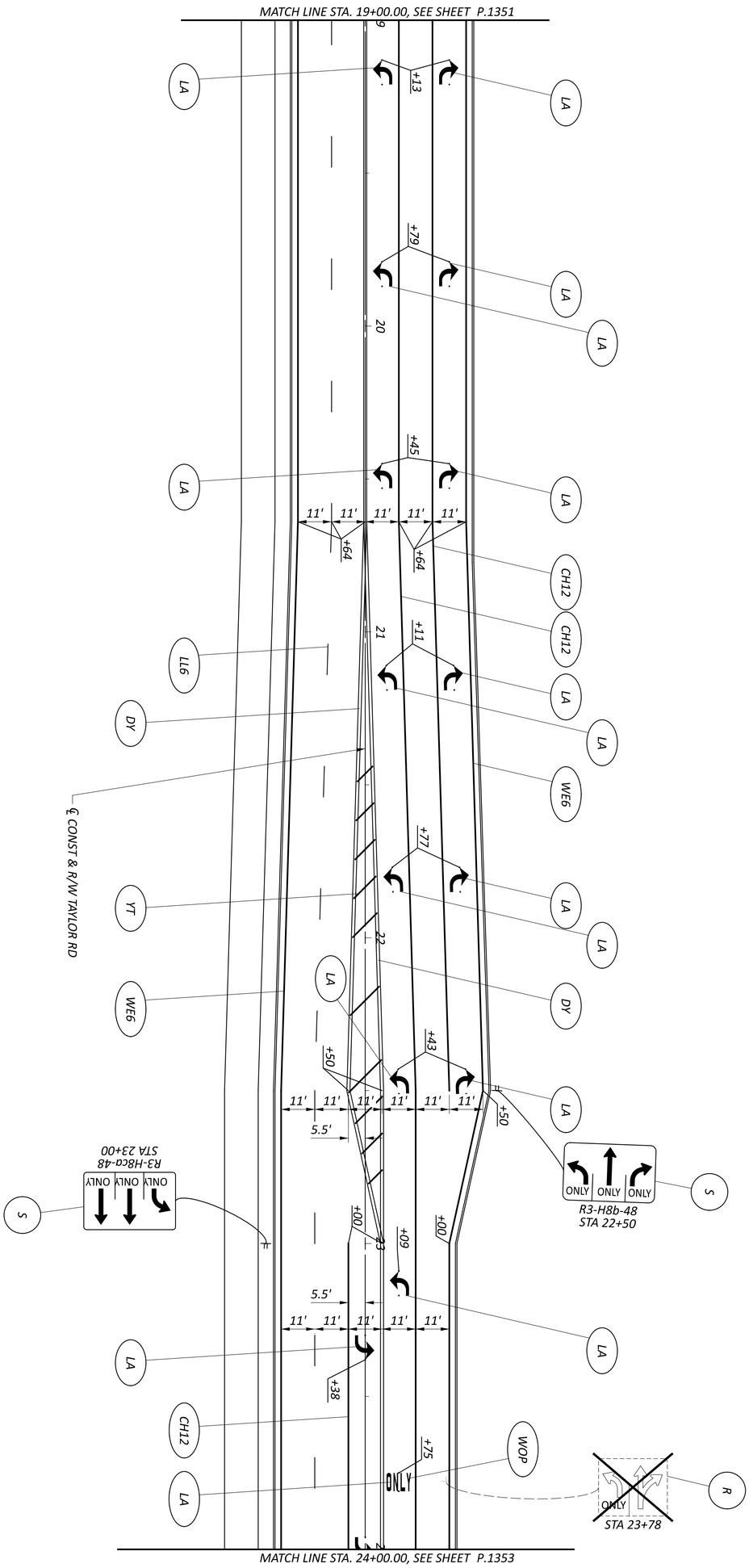

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

SHEET	TOTAL
P.1352	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 19+00.00 TO STA. 24+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP410 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:08 AM USER: brieder
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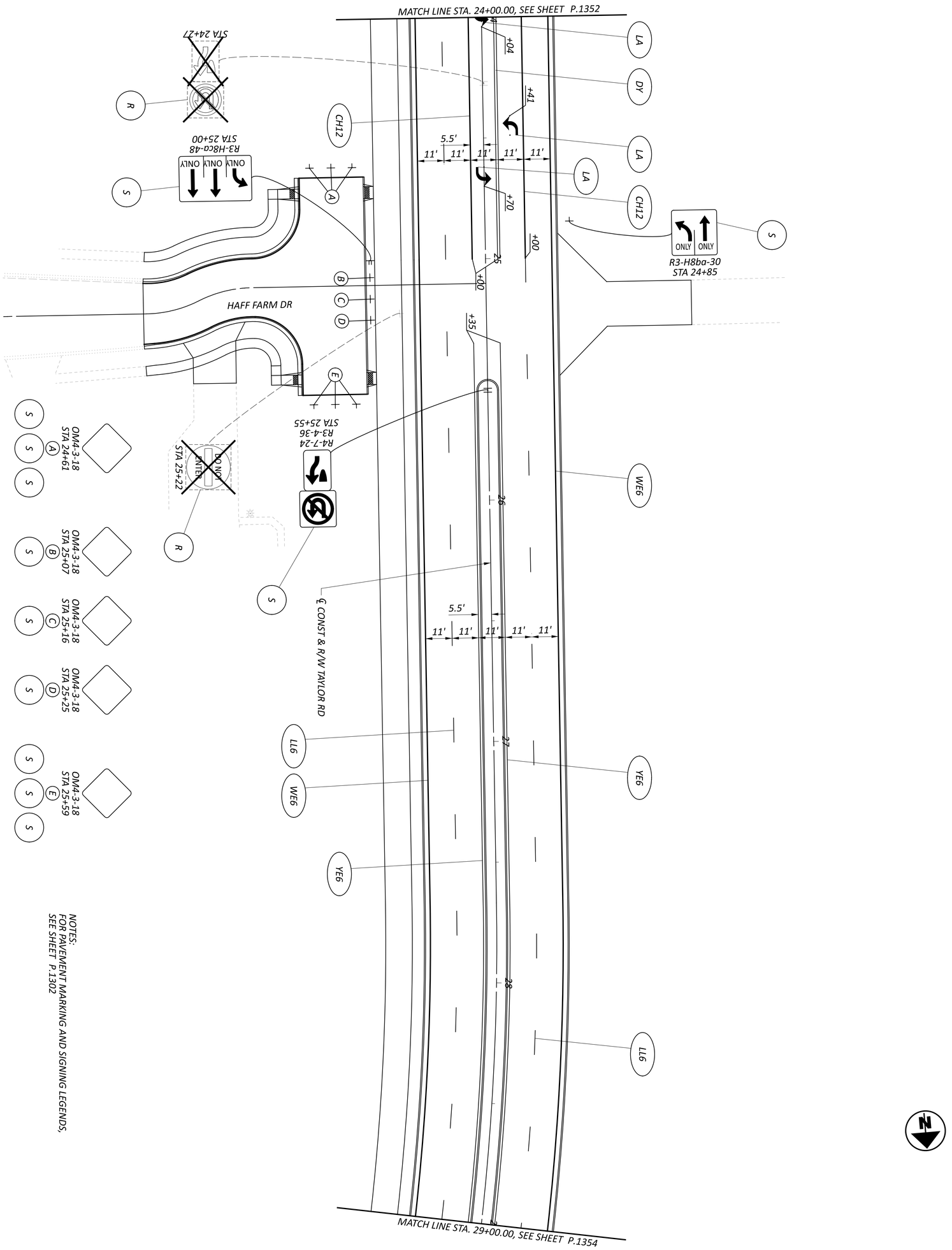

SHEET	TOTAL
P.1353	P.2024

PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 24+00.00 TO STA. 29+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP411 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:19 AM USER: brieder
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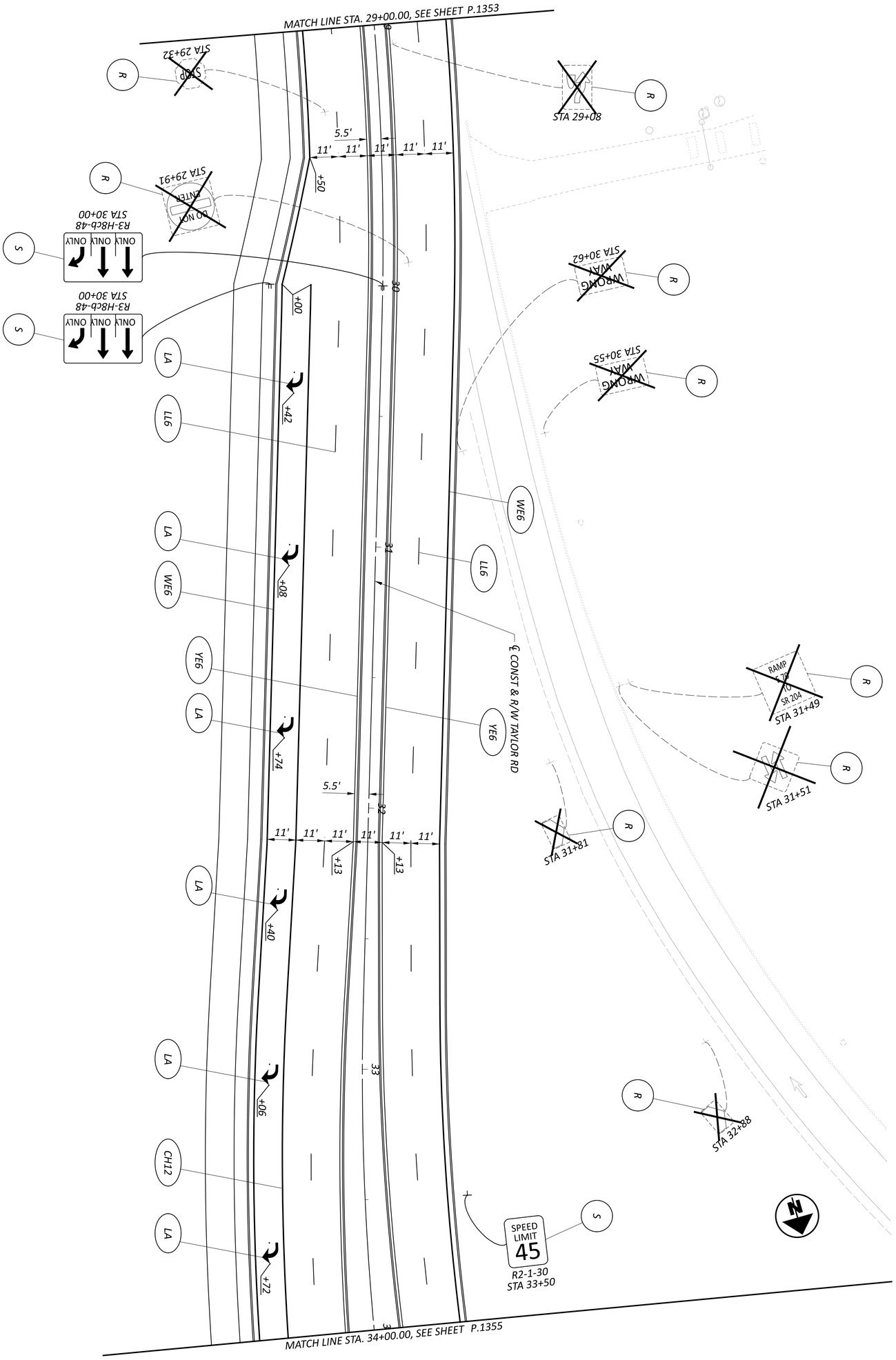

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1354	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 29+00.00 TO STA. 34+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP412 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:27 AM USER: brieder
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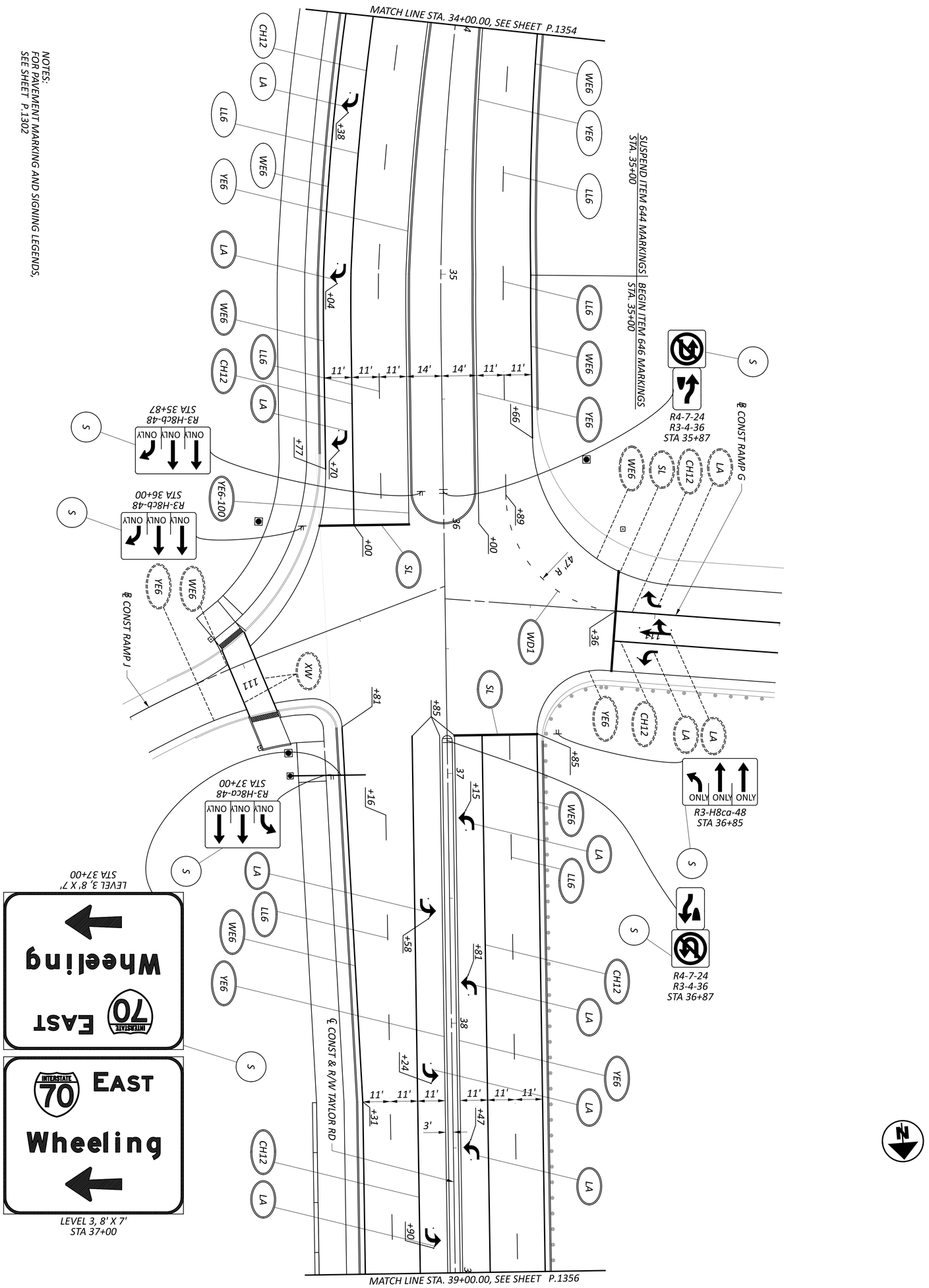

SHEET P.1355 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	TRAFFIC CONTROL PLAN - TAYLOR RD STA. 34+00.00 TO STA. 39+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP413 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:36 AM USER: brieder
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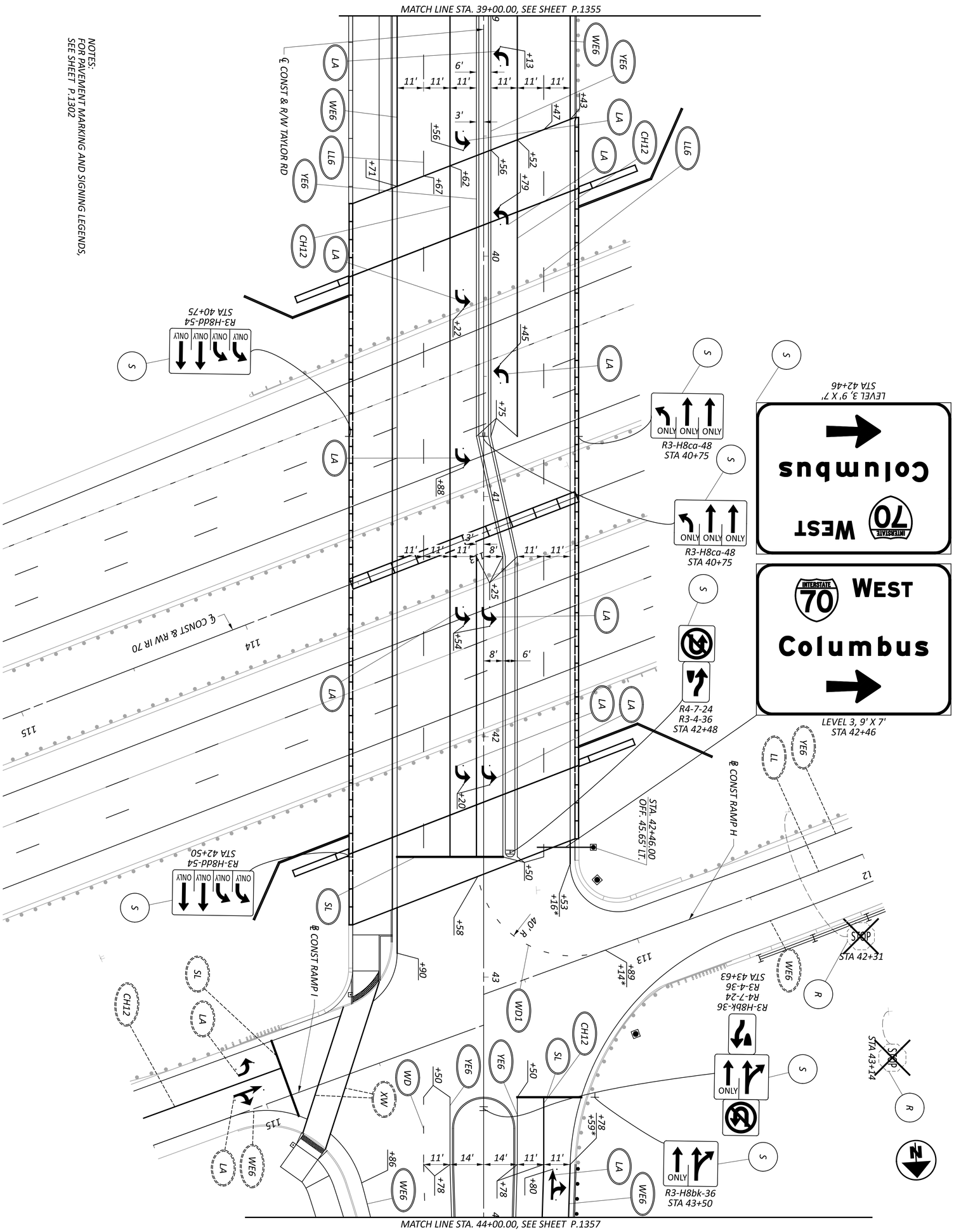

SHEET P.1356 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	TRAFFIC CONTROL PLAN - TAYLOR RD STA. 39+00.00 TO STA. 44+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP414 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:45 AM USER: brieder
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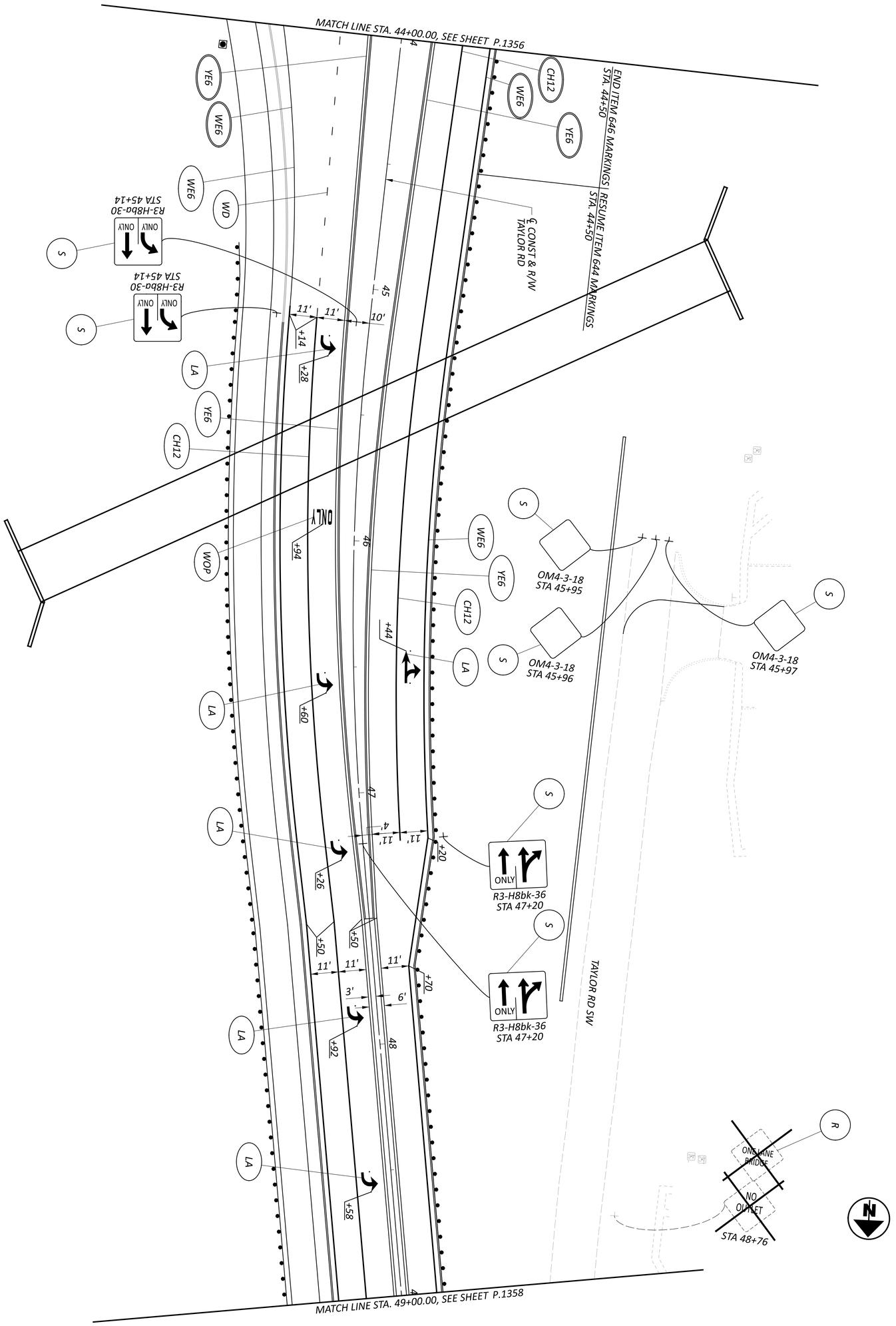
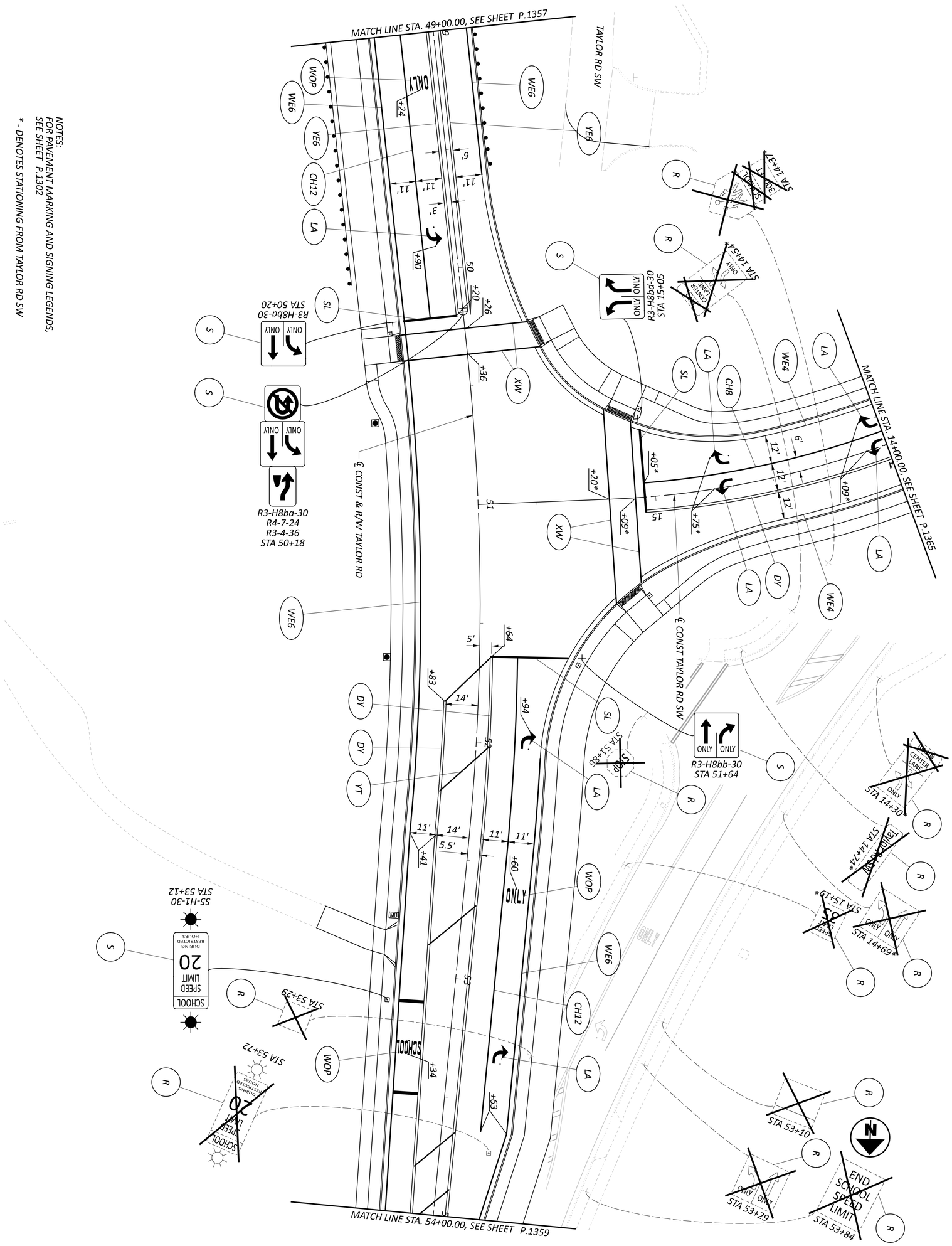


NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET P.1357 TOTAL P.2024	PROJECT ID 96808	REVIEWER VDK 08/07/26	DESIGNER BER	DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.	TRAFFIC CONTROL PLAN - TAYLOR RD STA. 44+00.00 TP STA. 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP415 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:04:54 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP415.dgn



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

* - DENOTES STATIONING FROM TAYLOR RD SW

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 49+00.00 TO STA. 54+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL
P.1358	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

MODEL: 96808_TP416 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:05 AM USER: brieder
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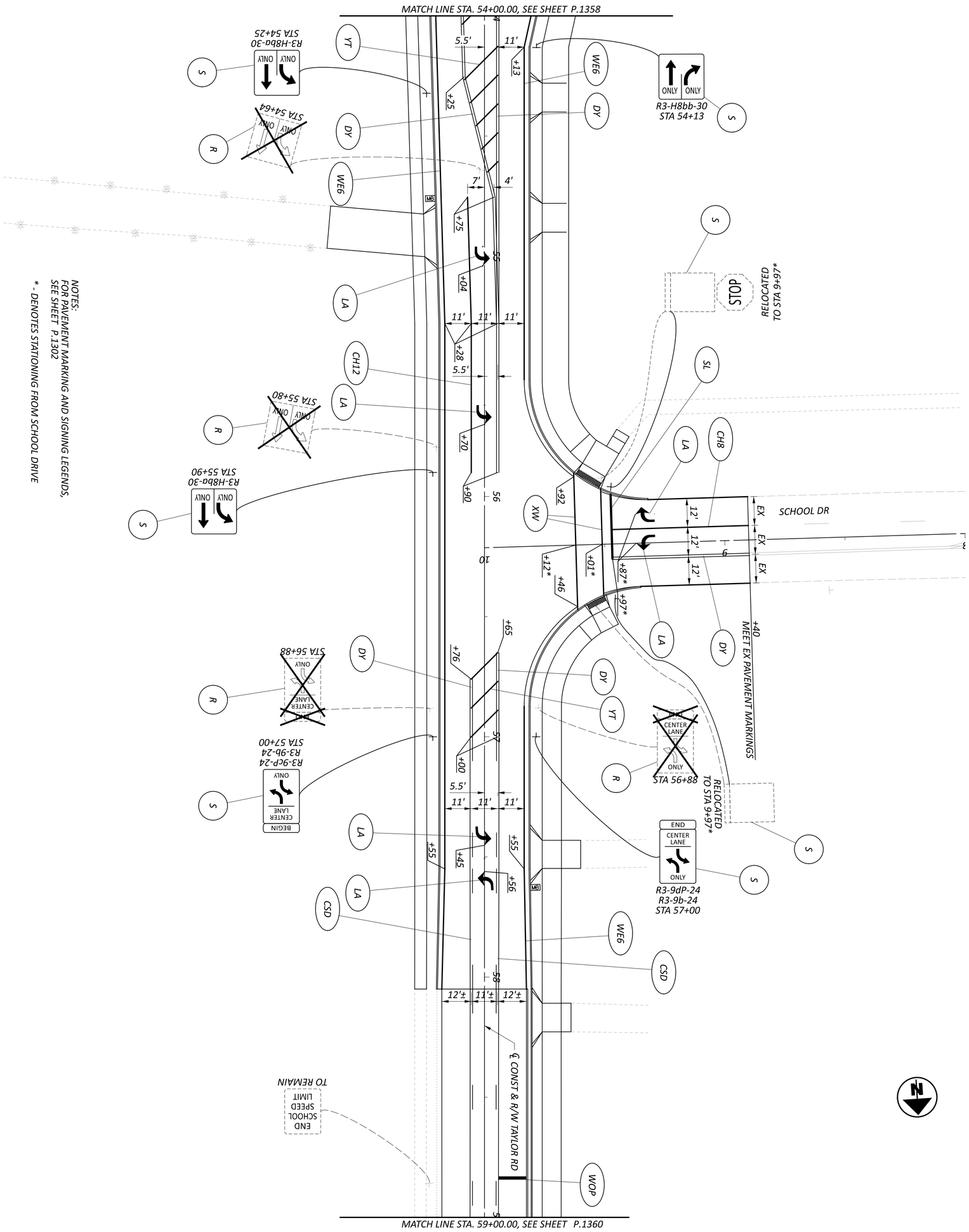

SHEET	TOTAL
P.1359	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 54+00.00 TO STA. 59+00.00

HORIZONTAL SCALE IN FEET

0 20 10 40

MODEL: CLP_TAYLOR - Plan 10 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:12 AM USER: brieder
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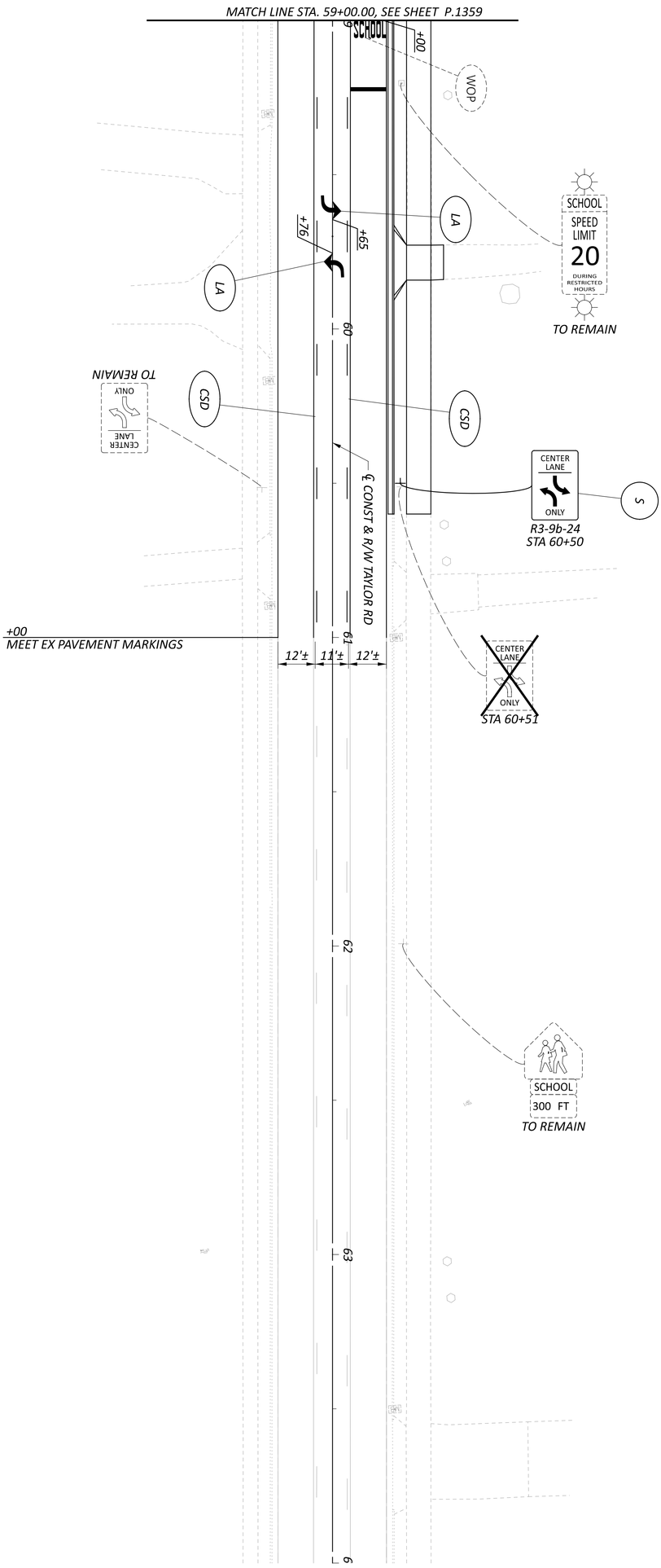


SHEET	TOTAL
P.1360	P.2024

PROJECT ID: 96808

REVIEWER: KEM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

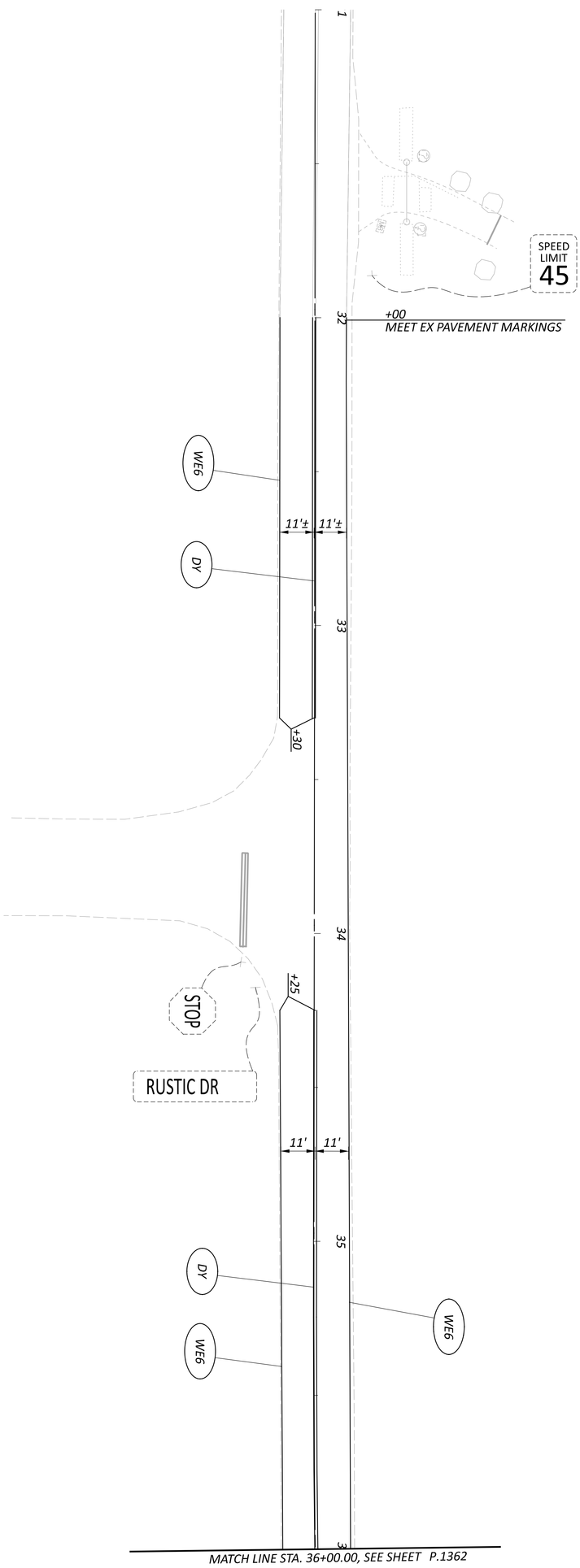
TRAFFIC CONTROL PLAN - TAYLOR RD
STA. 59+00.00 TO STA. 64+00.00

HORIZONTAL SCALE IN FEET

0 100

50 200

MODEL: CLP_S204 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:18 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Traffic\Sheets\96808_TP425.dgn



SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1361	P.2024	96808	KEM 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 31+00.00 TO STA. 36+00.00

HORIZONTAL SCALE IN FEET
0 100
50 200

MODEL: 96808_TP417 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:26 AM USER: brieder
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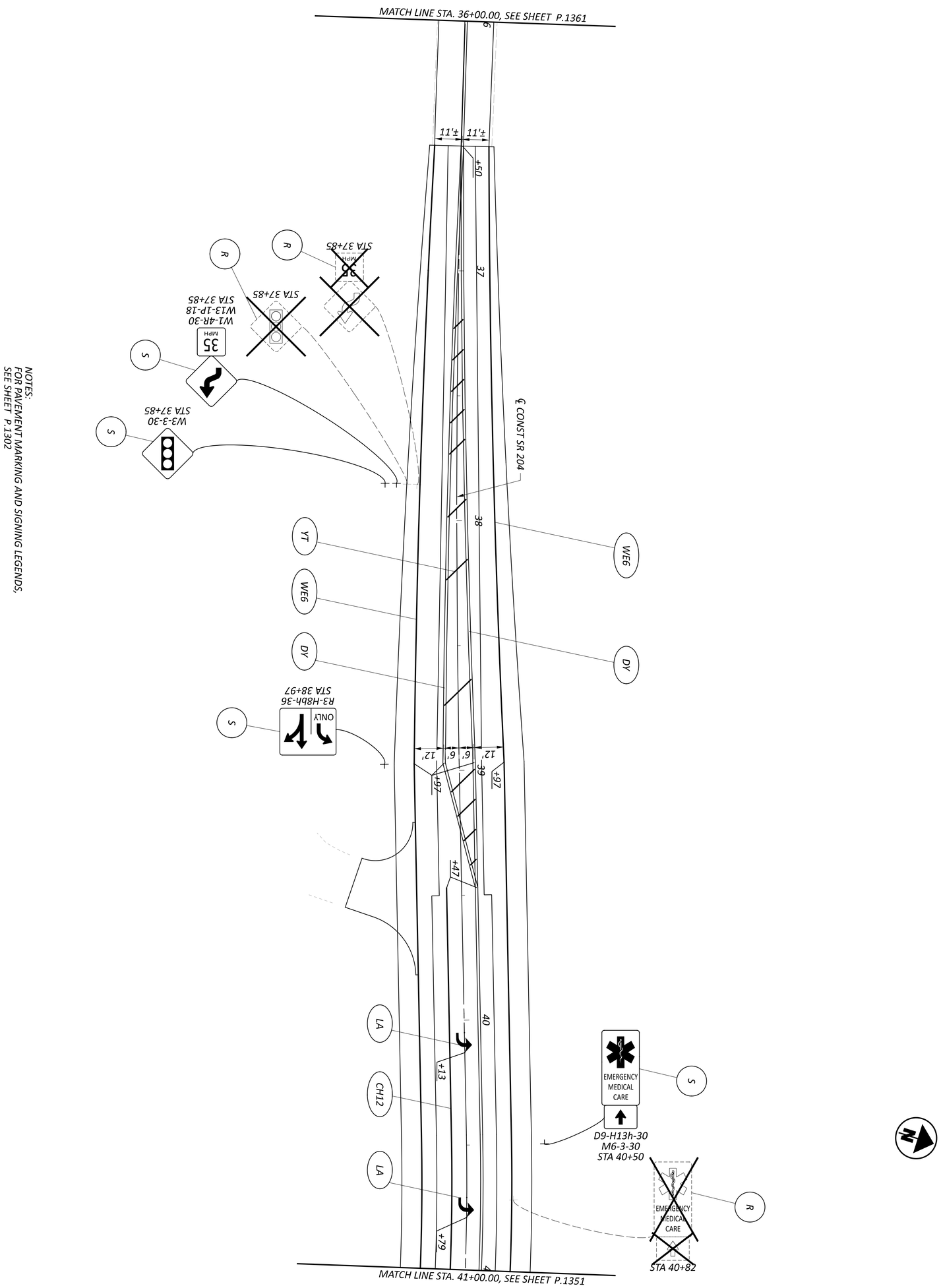

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1362	P.2024	96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 36+00.00 TO STA. 41+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP418 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:35 AM USER: brieder
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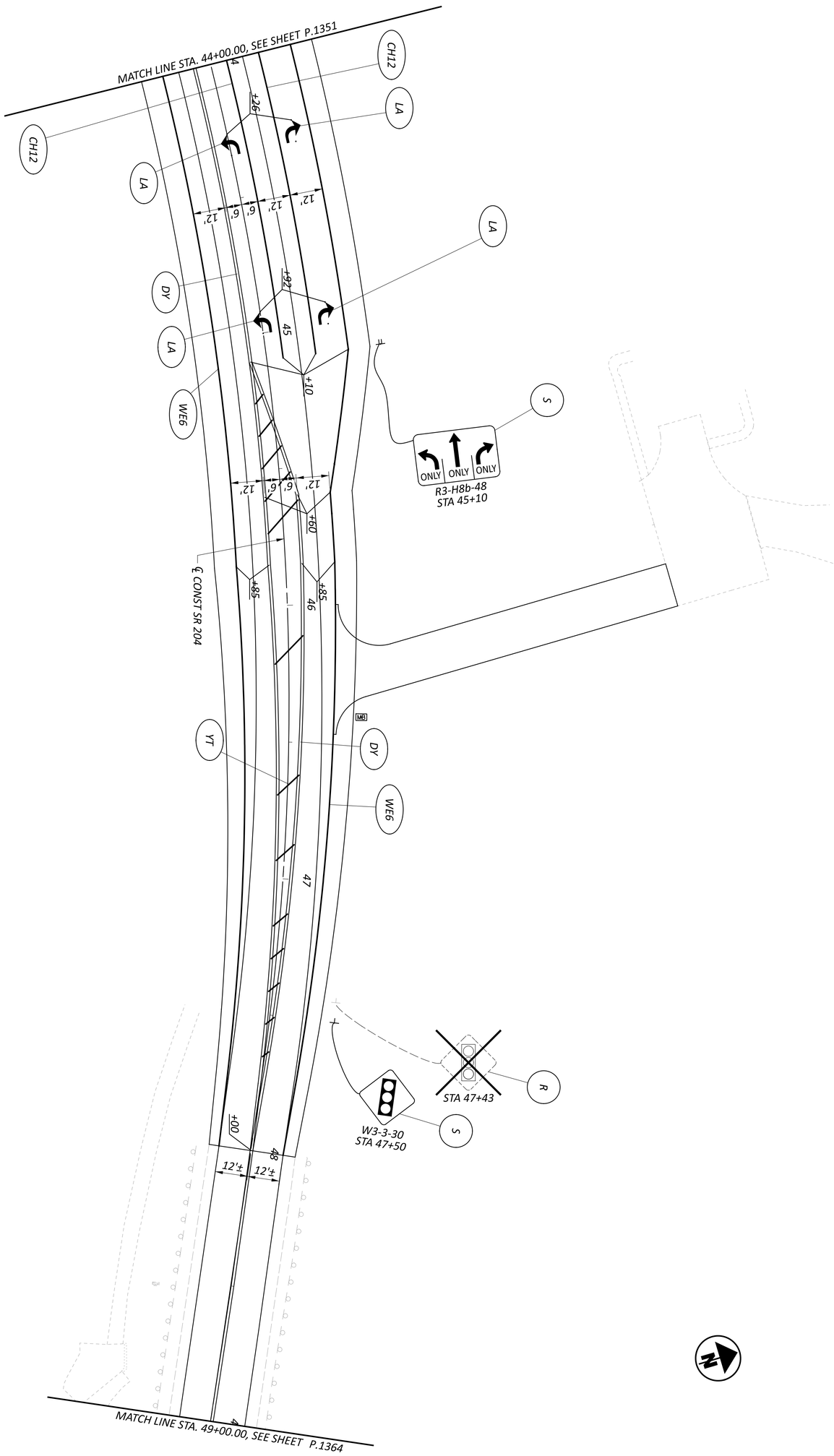

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

TRAFFIC CONTROL PLAN - SR 204
STA. 44+00.00 TO STA. 49+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

SHEET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1363	P.2024	96808	VDK 08/07/26	BER	AMERICAN STRUCTUREPOINT INC.

MODEL: CLP_S204 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:41 AM USER: brieder
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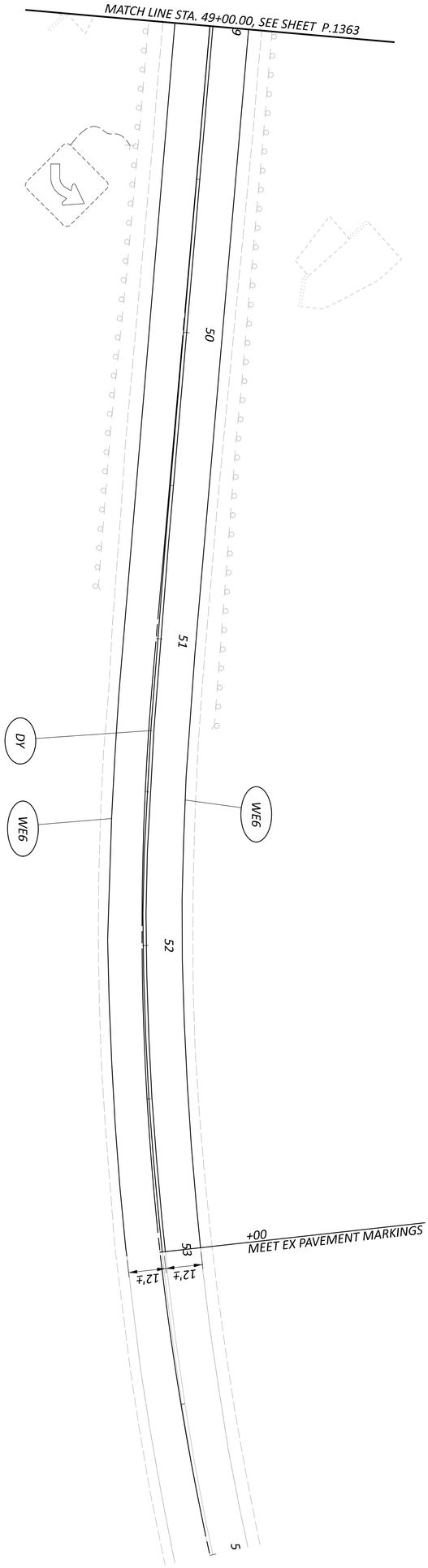

SHEET	TOTAL
P.1364	P.2024

PROJECT ID: 96808

REVIEWER: KEM 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - SR 204
STA. 49+00.00 TO STA. 54+00.00

HORIZONTAL SCALE IN FEET

0 100

50 200

MODEL: 96808_TP420 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:05:50 AM USER: brieder
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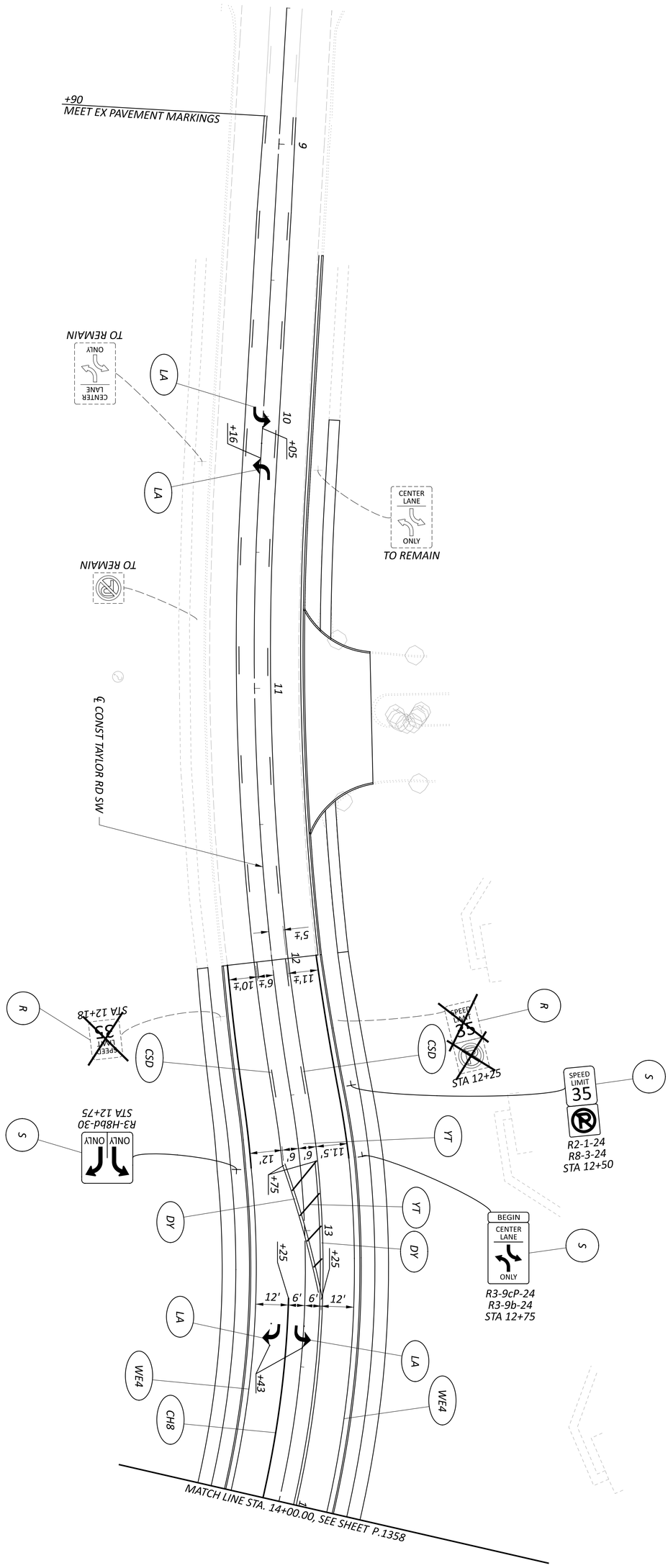

NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS, SEE SHEET P.1302

SHEET	TOTAL
P.1365	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - TAYLOR RD SW
STA. 9+00.00 TO STA. 14+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40

MODEL: 96808_TP421 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:00 AM USER: brieder
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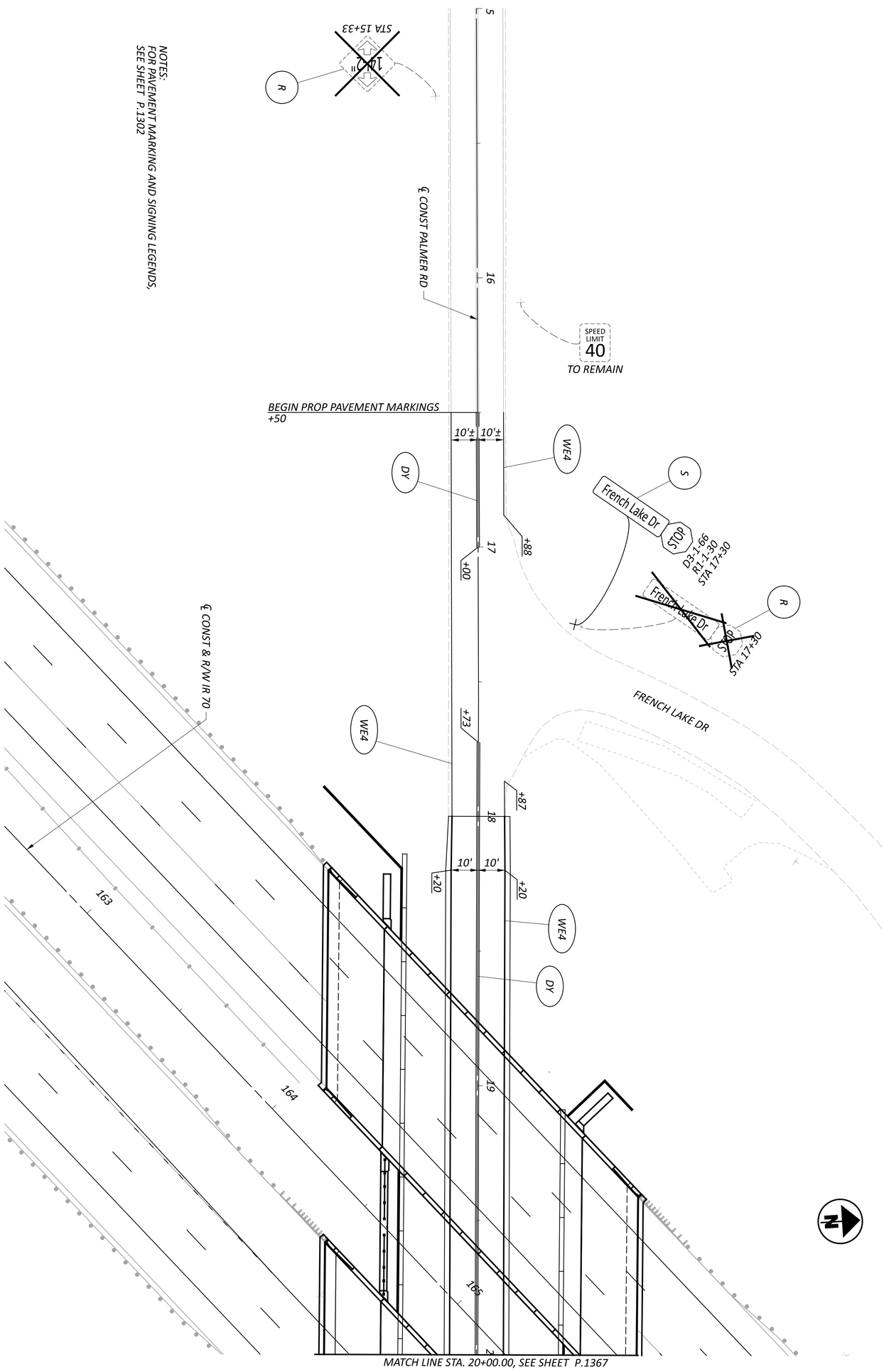

SHEET	TOTAL
P.1366	P.2024

PROJECT ID: 96808

REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - PALMER RD
STA. 15+00.00 TO STA. 20+00.00

HORIZONTAL SCALE IN FEET

0 20
10 40

MODEL: 96808_TP422 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:09 AM USER: brieder
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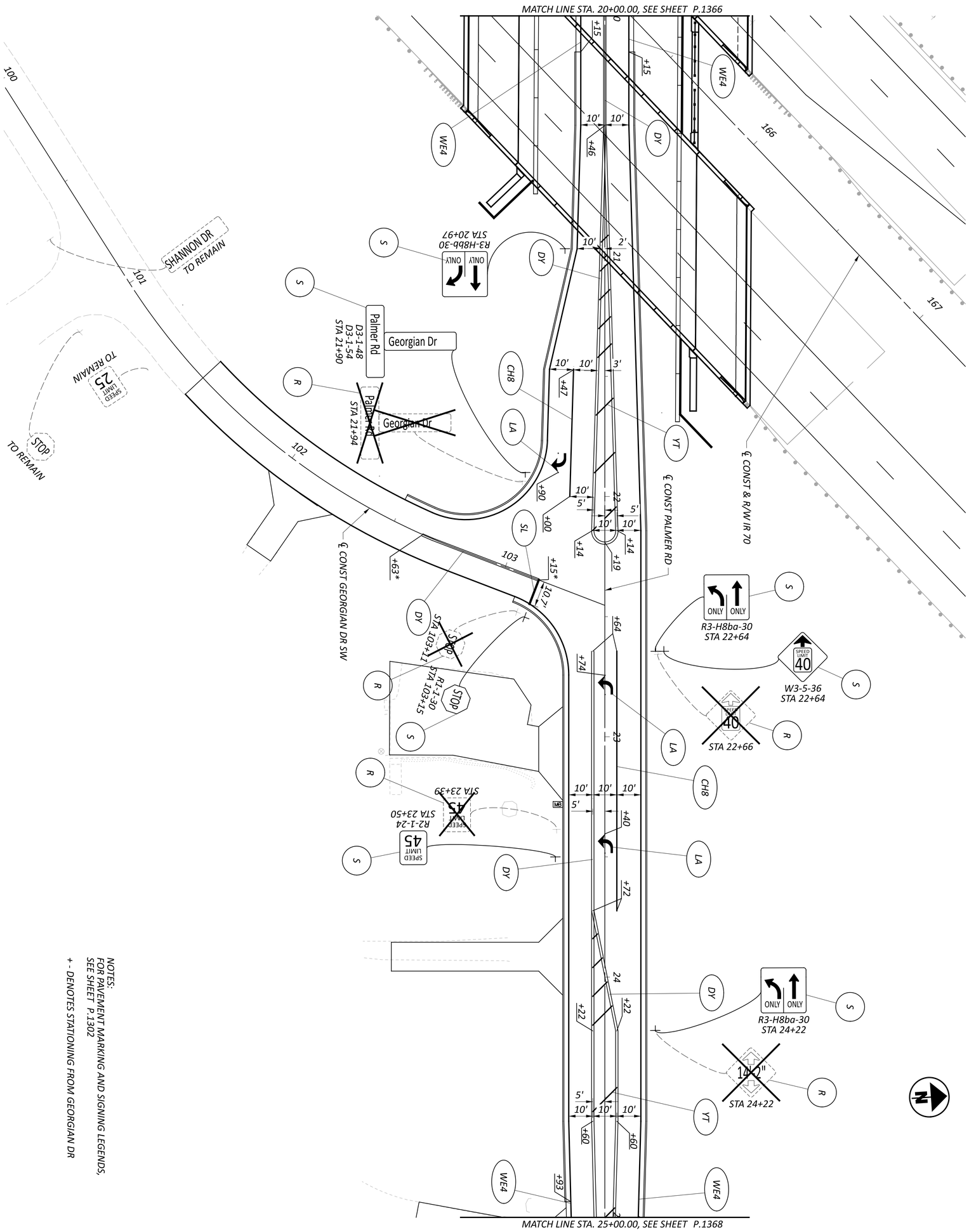


SHEET	TOTAL
P.1367	P.2024

PROJECT ID: 96808

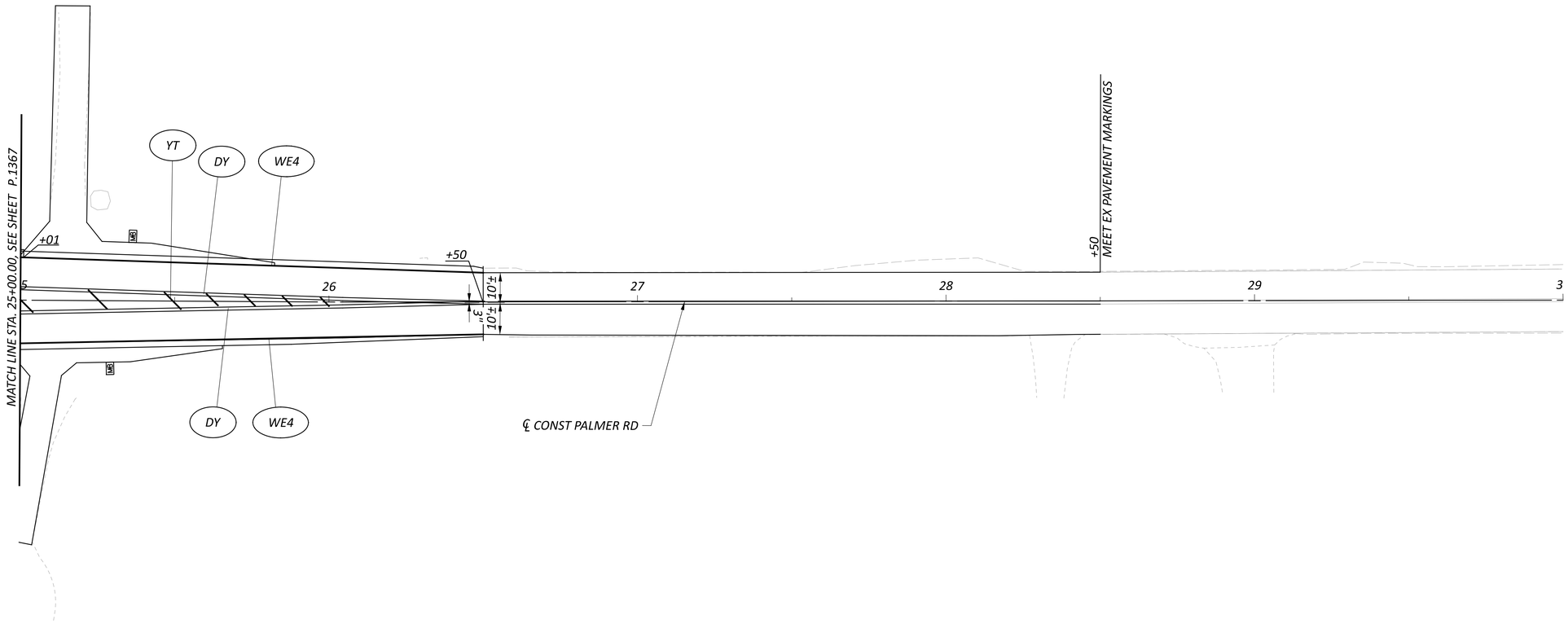
REVIEWER: VDK 08/07/26

DESIGNER: BER

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

TRAFFIC CONTROL PLAN - PALMER RD
STA. 20+00.00 TO STA. 25+00.00

HORIZONTAL SCALE IN FEET
0 20
10 40



NOTES:
FOR PAVEMENT MARKING AND SIGNING LEGENDS,
SEE SHEET P.1302

HORIZONTAL
SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN - PALMER RD
STA. 25+00.00 TO STA. 30+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
VDK 08/07/26

PROJECT ID
96808

SHEET P.1368 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_TP423 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:18 AM USER: brieder
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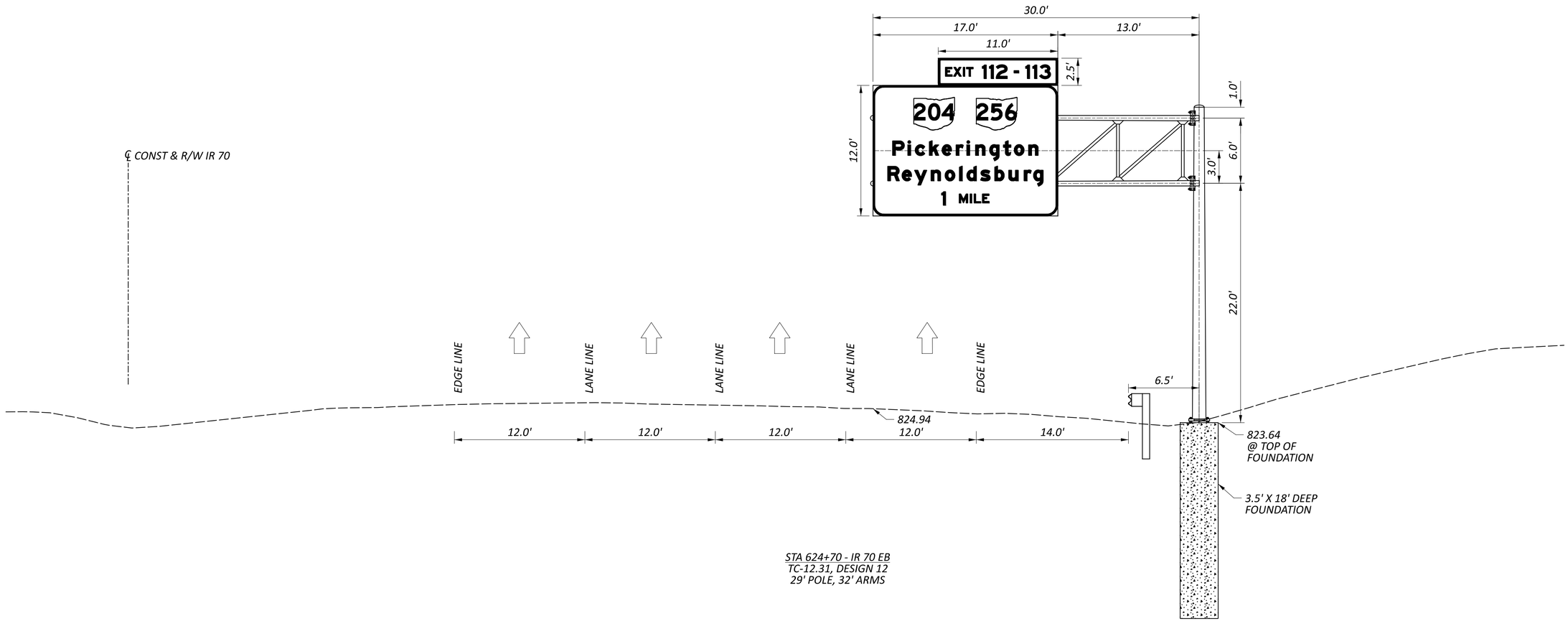
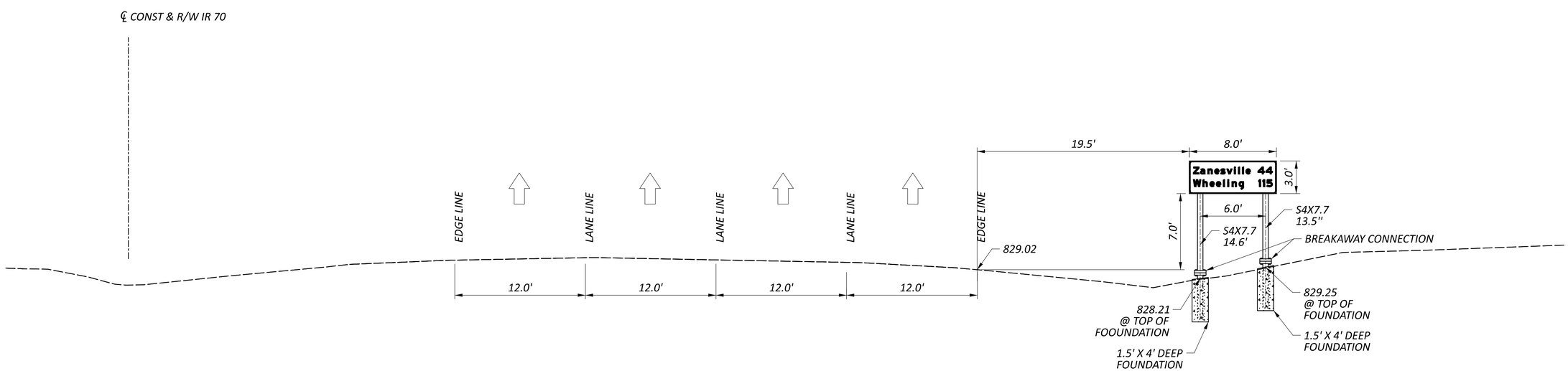


STA 624+70 - IR 70 EB
TC-12.31, DESIGN 12
29' POLE, 32' ARMS



STA 630+00 - IR 70 EB
S4X7.7

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 640+70 & STA 630+00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1369 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:30 AM USER: brieder
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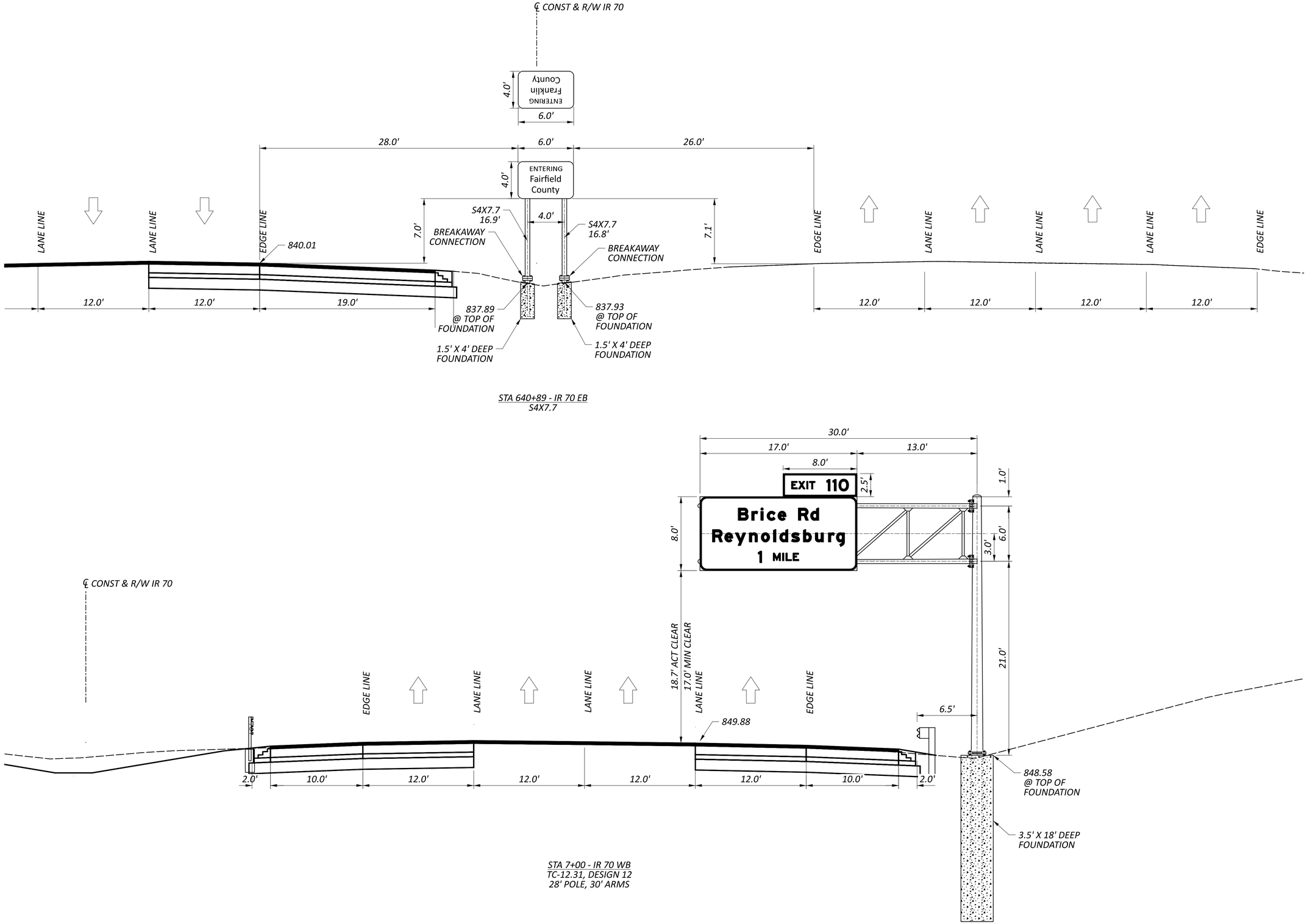

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 640+89 & STA 7+00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:37 AM USER: brieder
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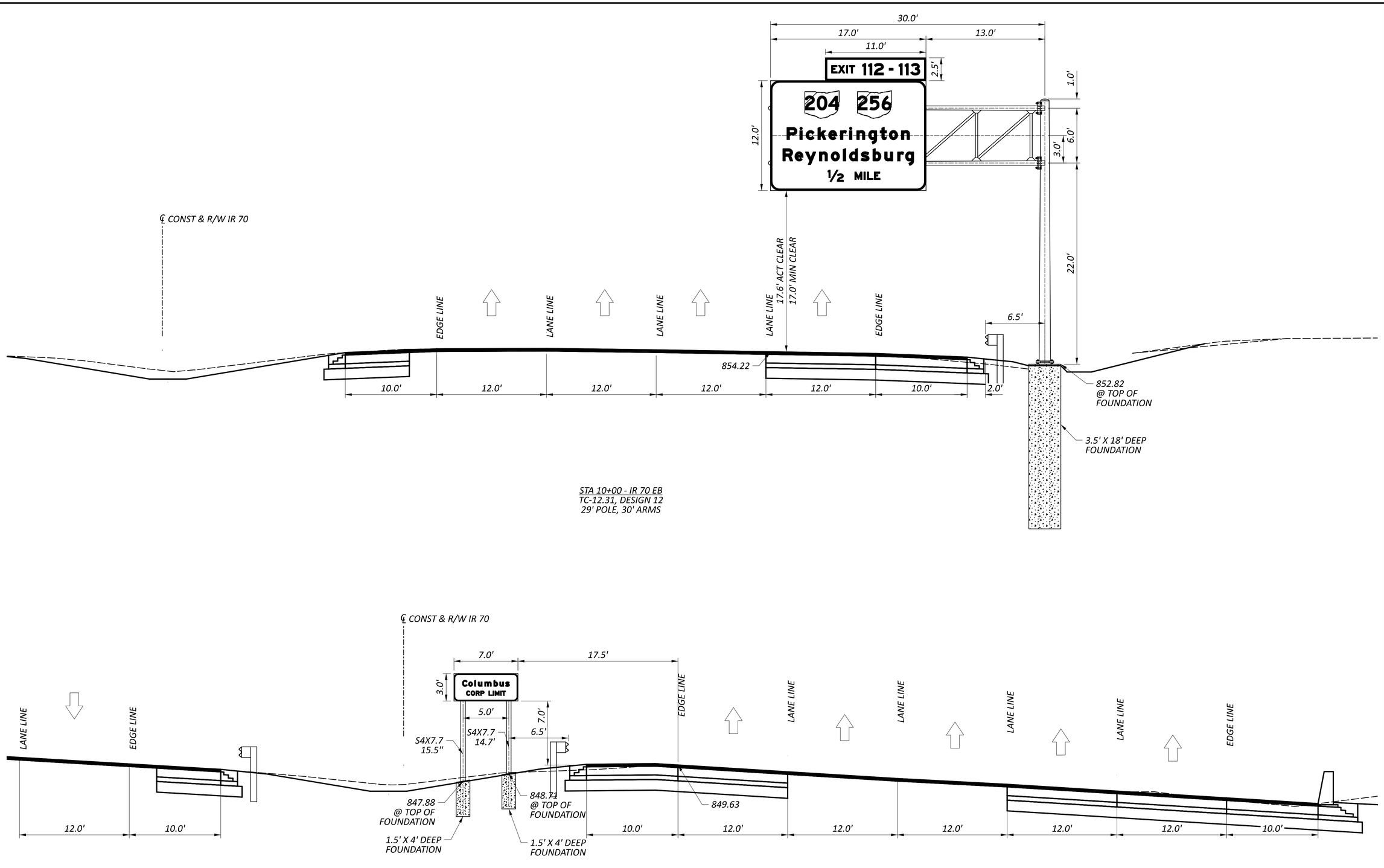
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1370
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 10+00 & STA 35+95

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 3 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:41 AM USER: brieder
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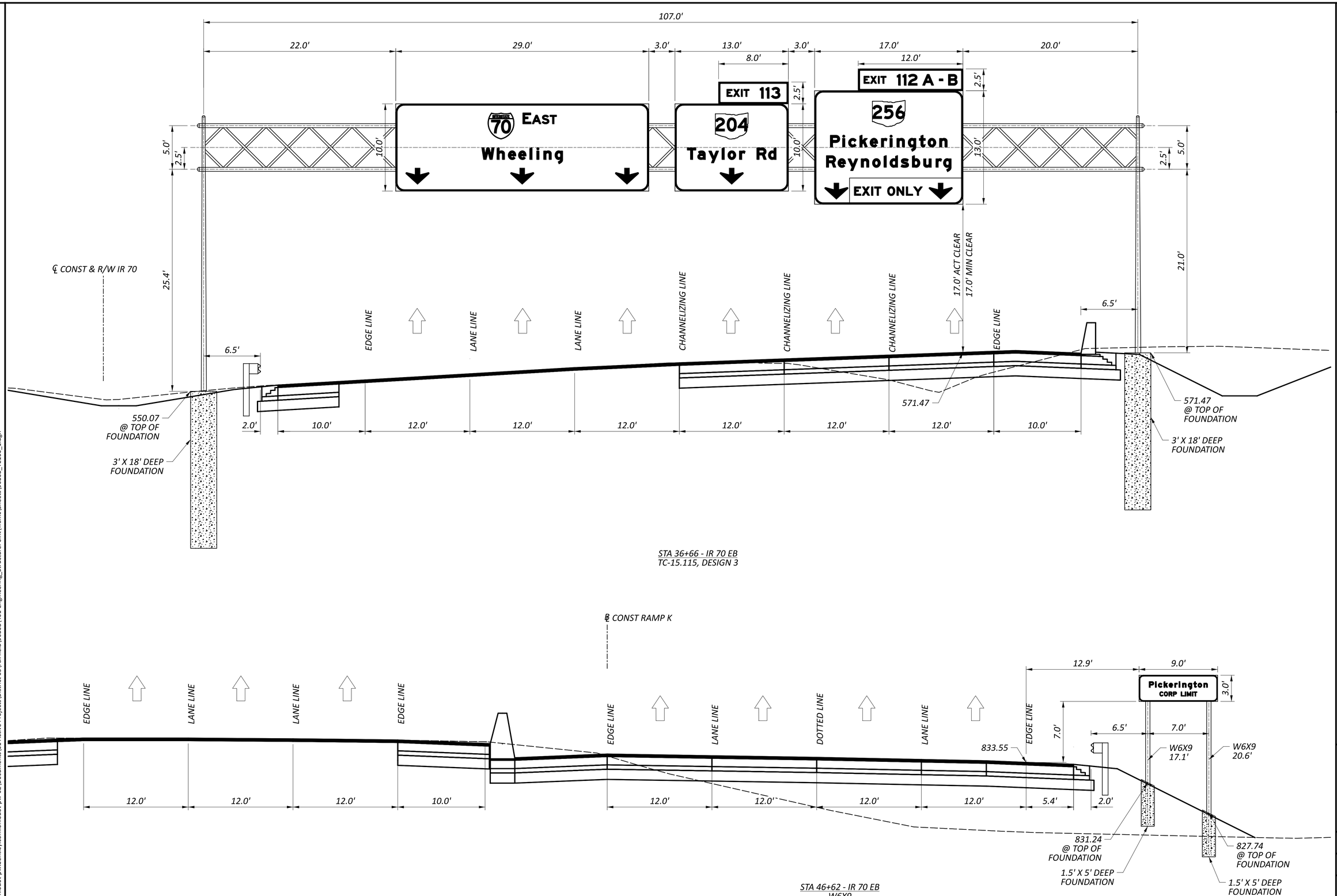
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1371
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 36+66 & STA 46+62

DESIGN AGENCY
WHEELER STRUCTUREPOINT INC.

DESIGNER BER

REVIEWER KAM 08/07/26

PROJECT ID 96808

SHEET P.1372 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 4 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:06:50 AM USER: brieder
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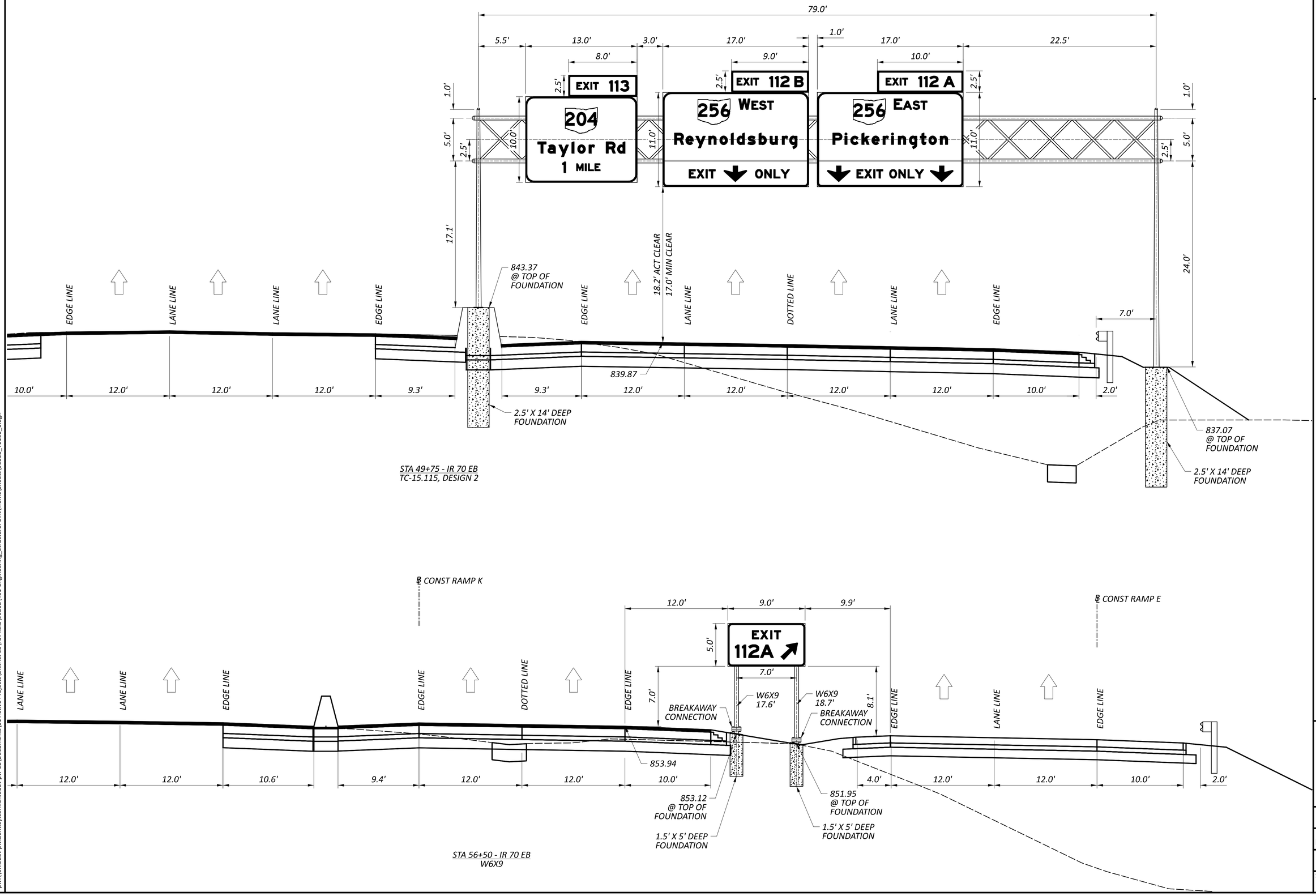

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70- STA 49+75 & STA 56+50

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 5 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:01 AM USER: brieder
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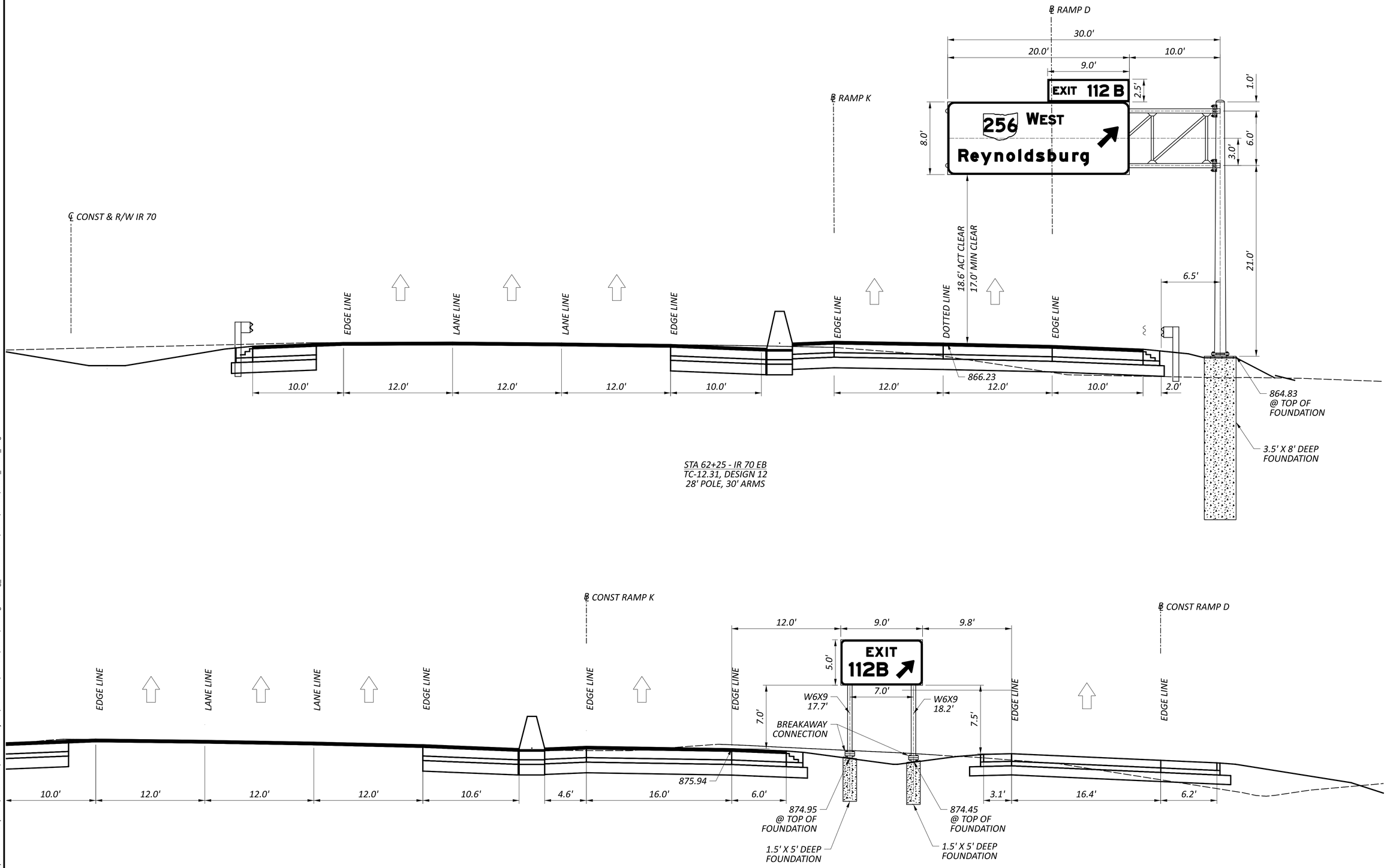
DESIGN AGENCY
AMTECH STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1373
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 62+25 & STA 67+76

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 6 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:10 AM USER: brieder
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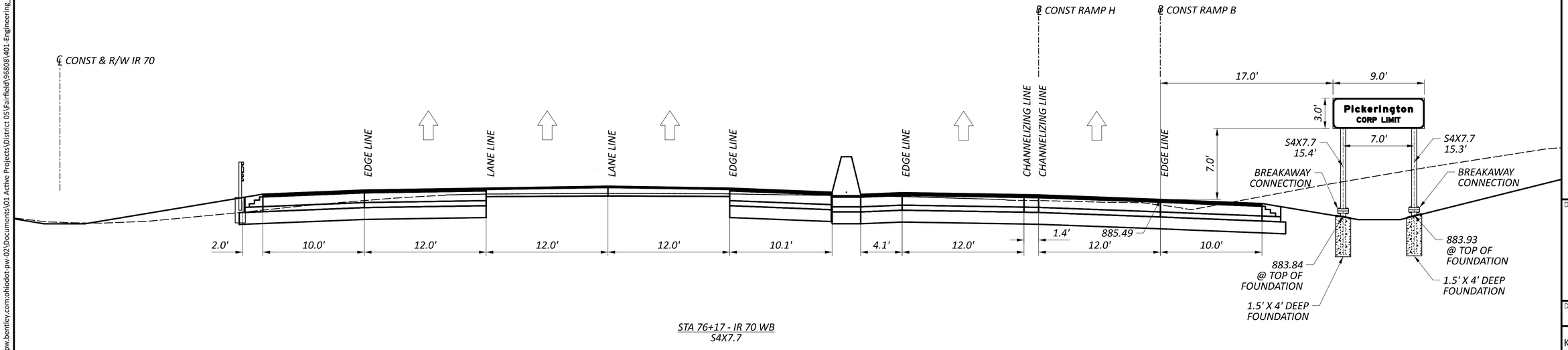
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1374
TOTAL	P.2024



STA 71+91 - IR 70 WB
W6X9



STA 76+17 - IR 70 WB
S4X7.7

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 71+91 & STA 76+17

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1375
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 7 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:20 AM USER: brieder
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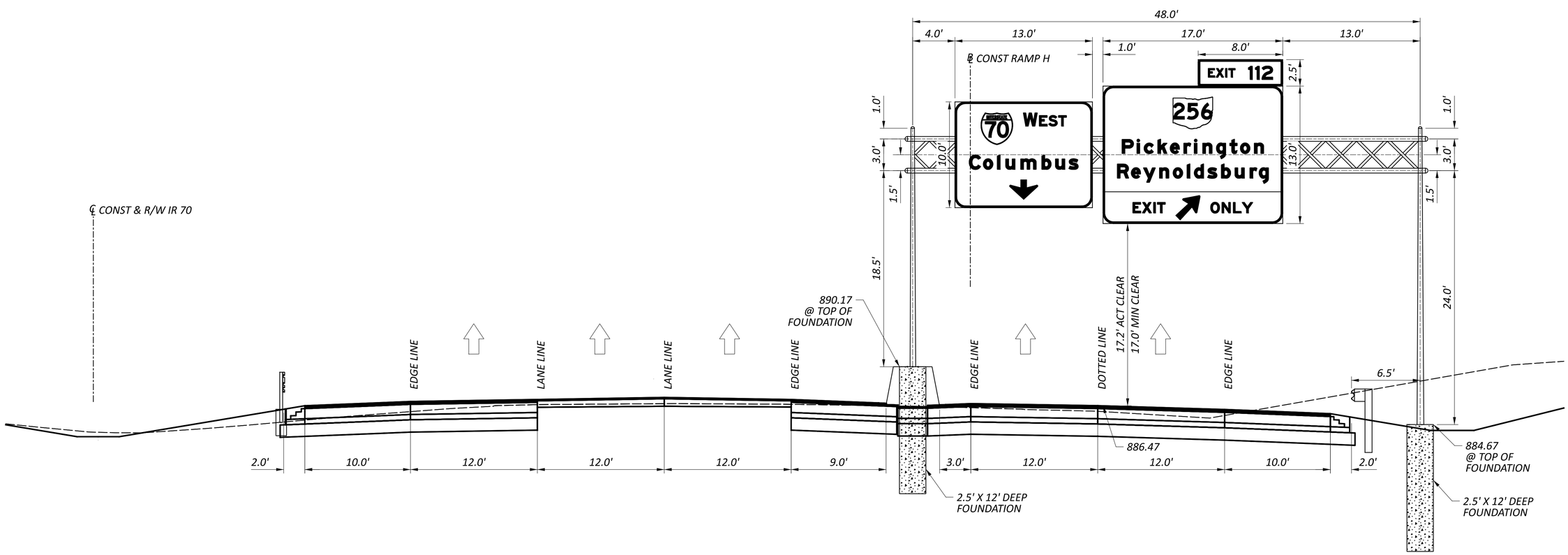

STA 77+22.13 - IR 70 WB
TC-15.115, DESIGN 1

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 77+22.13

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 8 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:29 AM USER: brieder
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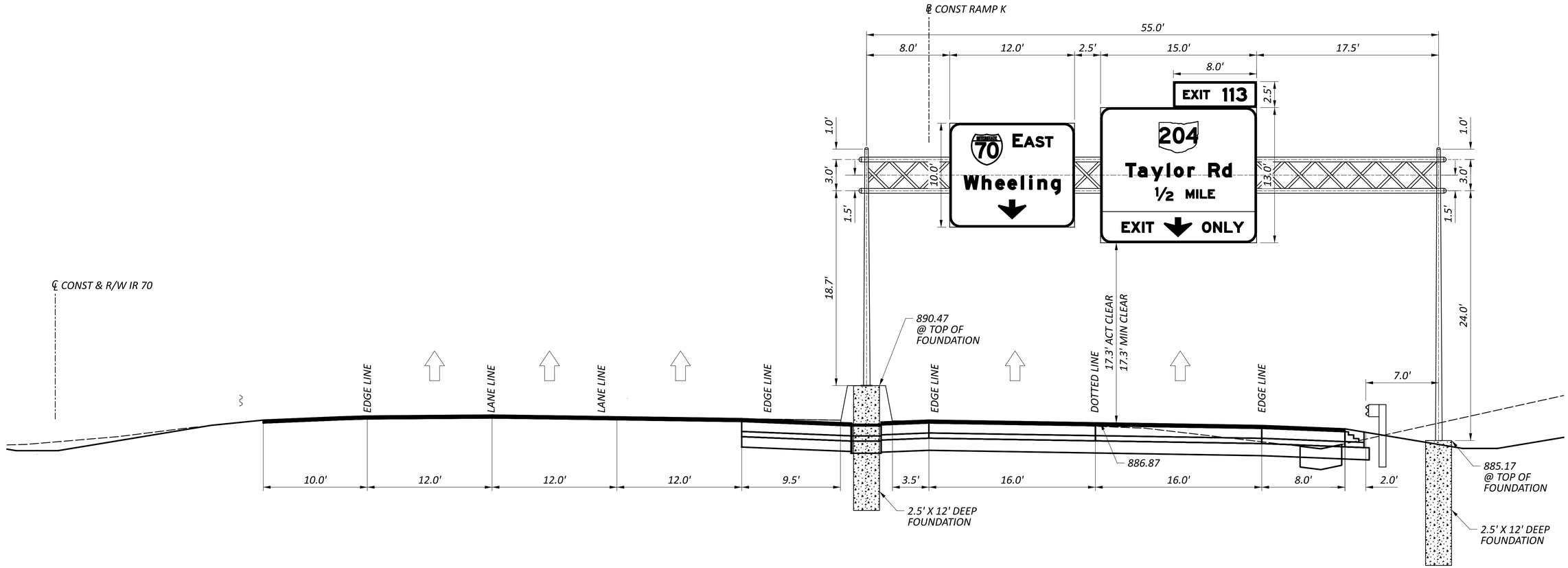
DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1376 TOTAL P.2024



STA 82+00 - IR 70
TC-15.115, DESIGN 1

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 82+00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1377 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 9 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:34 AM USER: brieder
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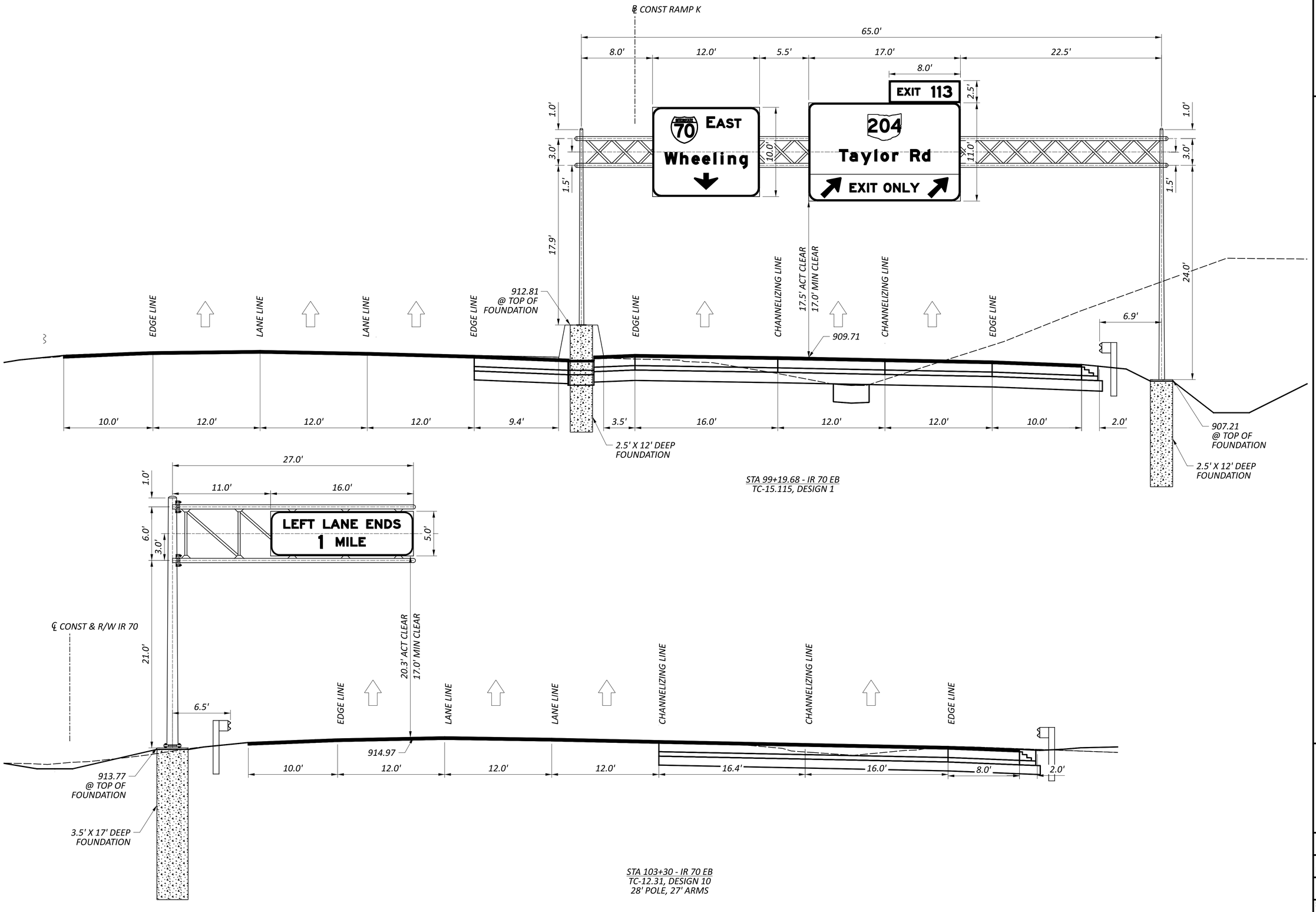

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 99+19.68 & STA 103+30

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1378 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 10 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:40 AM USER: brieder
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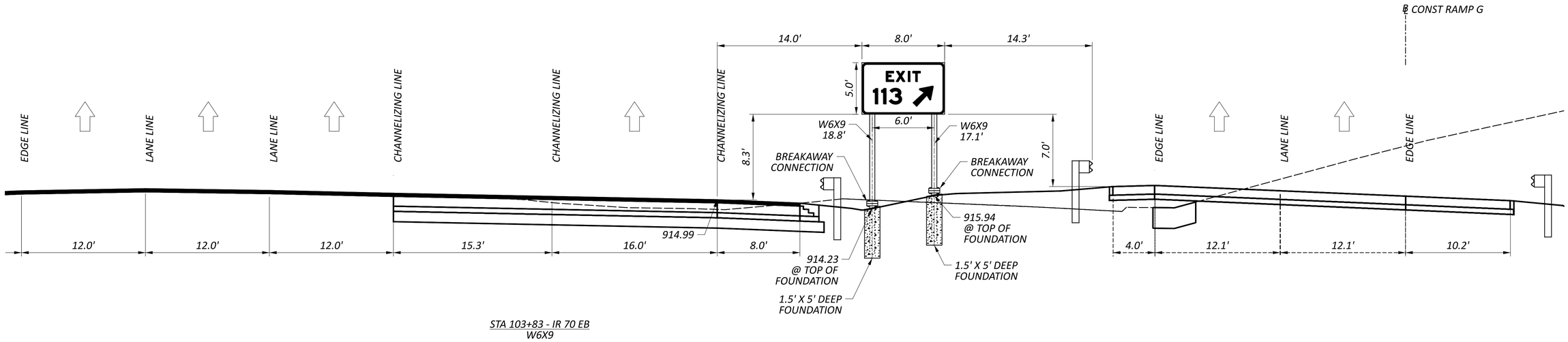
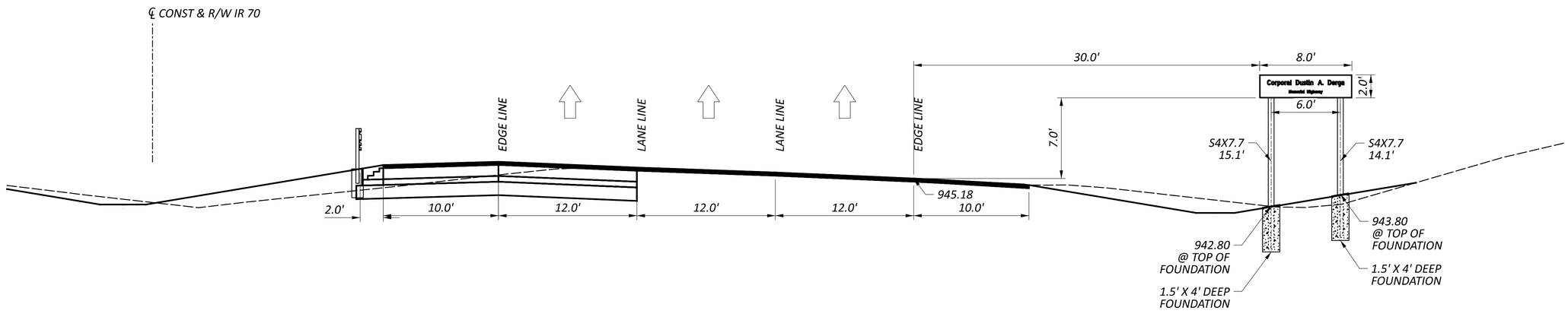


STA 103+83 - IR 70 EB
W6X9



STA 119+00 - IR 70 WB
S4X7.7

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 103+83 & STA 119+00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1379
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 11 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:47 AM USER: brieder
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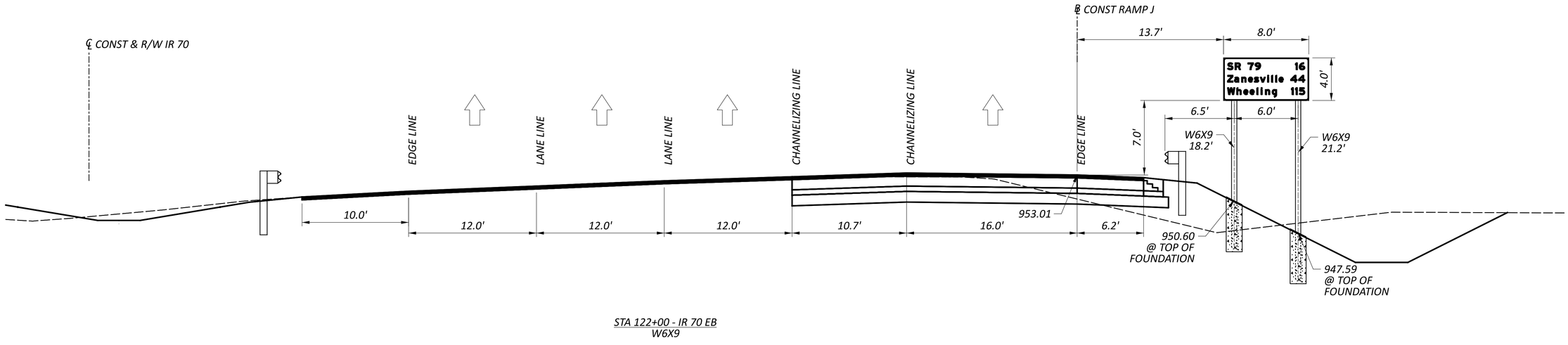
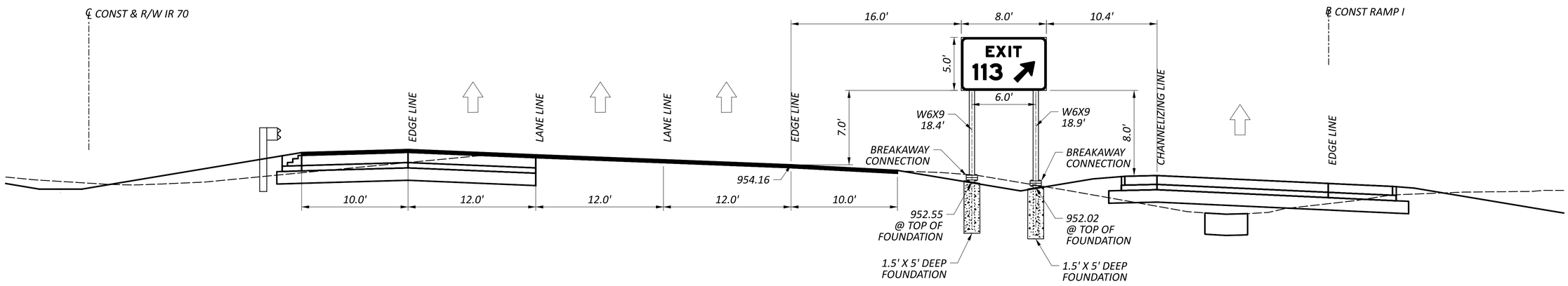


STA 122+00 - IR 70 EB
W6X9



STA 123+76 - IR 70 WB
W6X9

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 122+00 & STA 123+76

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

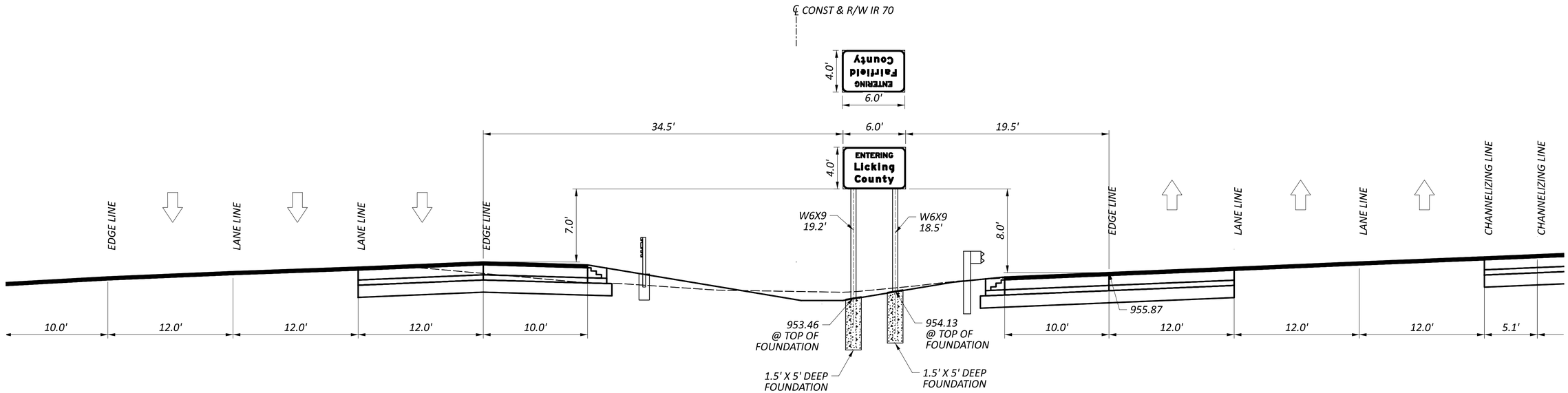
REVIEWER
KAM 08/07/26

PROJECT ID
96808

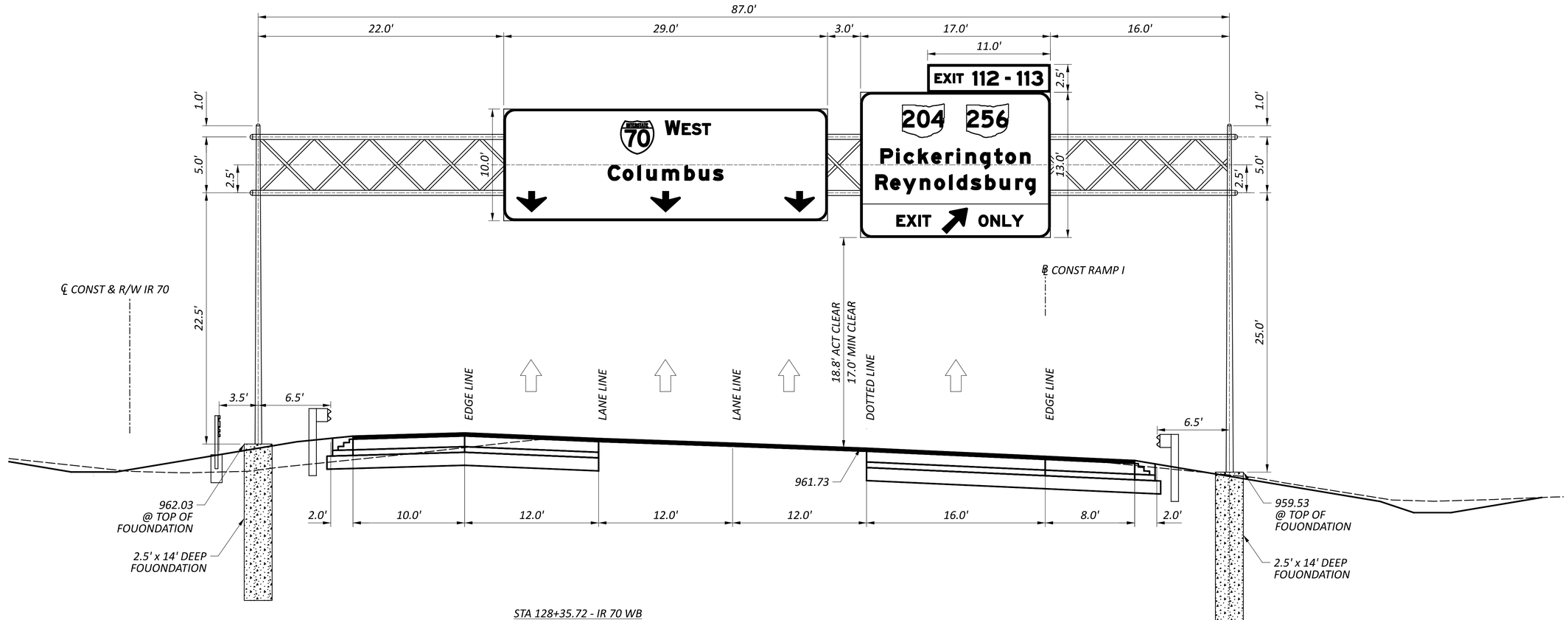
SHEET P.1380 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 12 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:07:53 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d01-Engineering_StructurePoint\Traffic\Sheets\96808_TE100_1.dgn



STA 124+61 - IR 70 EB
W6X9



STA 128+35.72 - IR 70 WB
TC-15.115, DESIGN 2

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 124+61 & STA 128+35.72

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1381
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 13 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:00 AM USER: brieder
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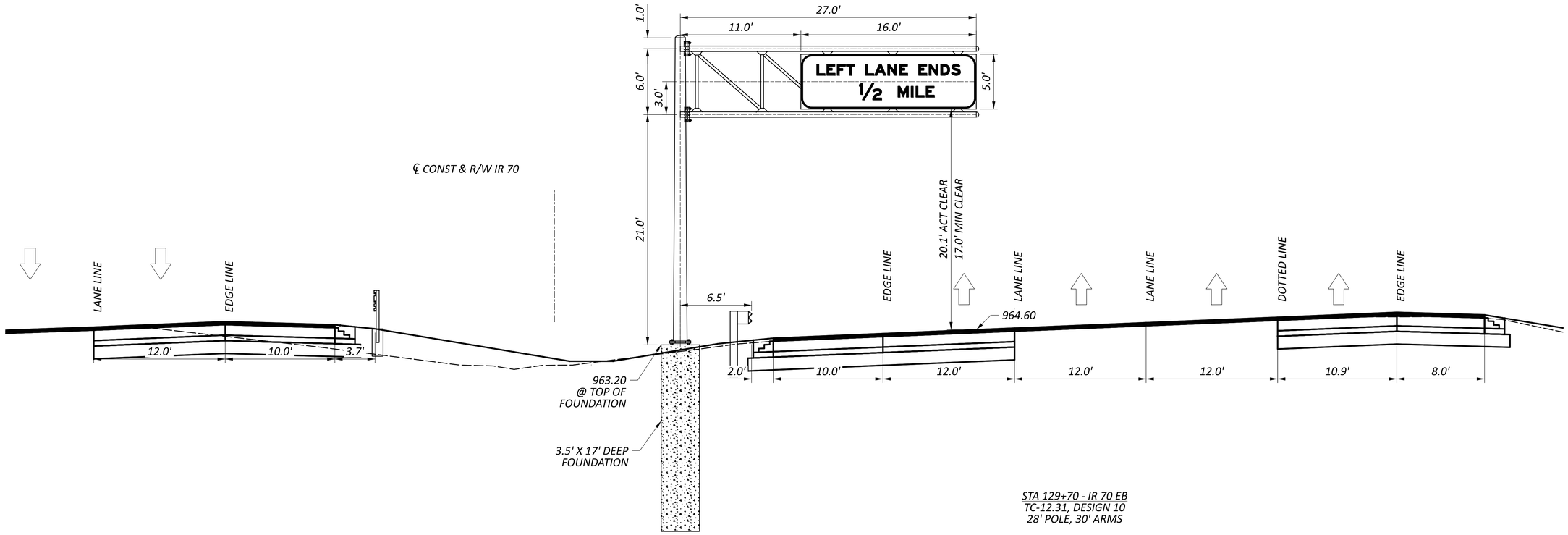

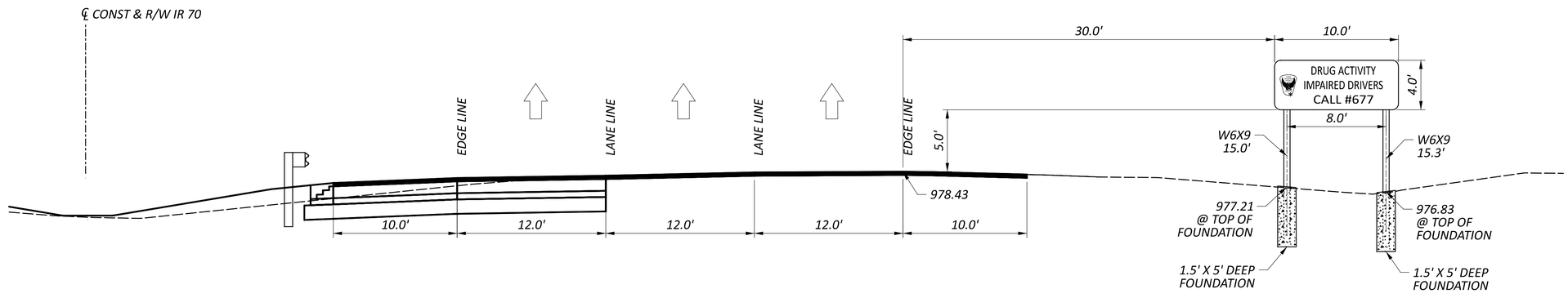

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 129+70 & STA 138+50

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1382
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 14 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:06 AM USER: brieder
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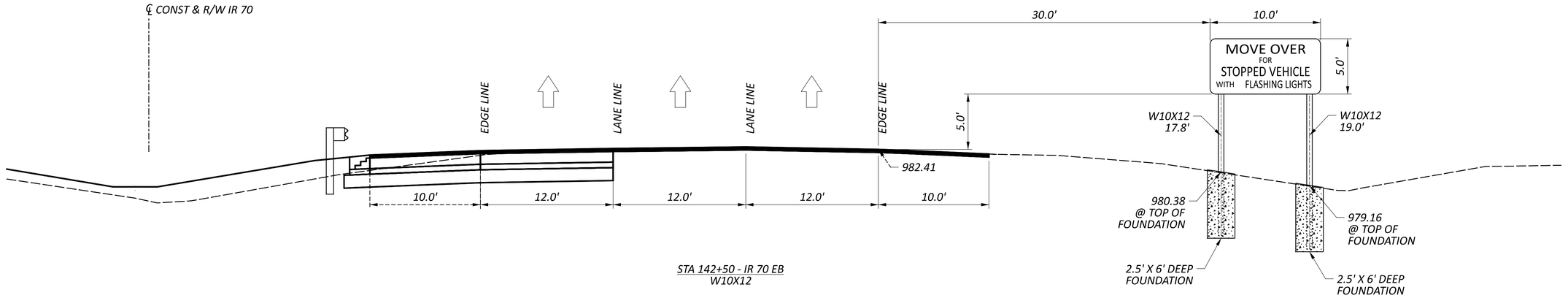
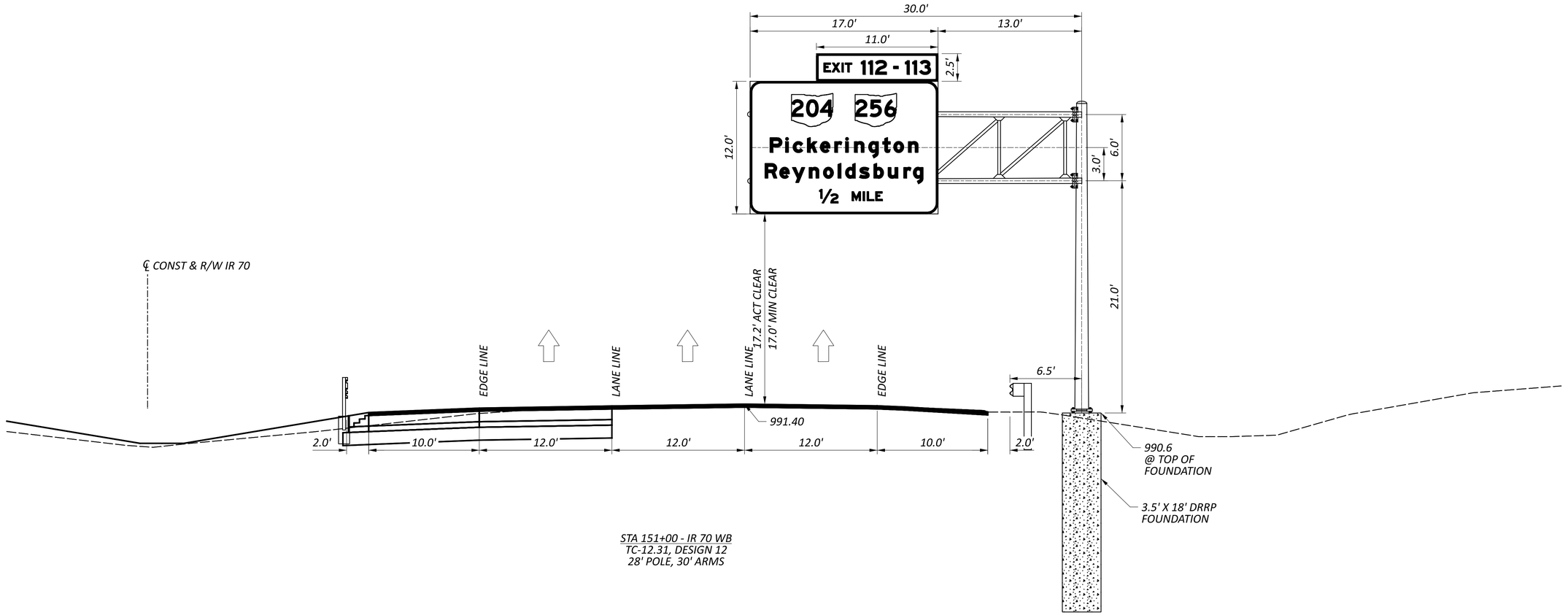


STA 142+50 - IR 70 EB
W10X12



STA 151+00 - IR 70 WB
TC-12.31, DESIGN 12
28' POLE, 30' ARMS

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 142+50 & STA 151+00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1383
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 15 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:13 AM USER: brieder
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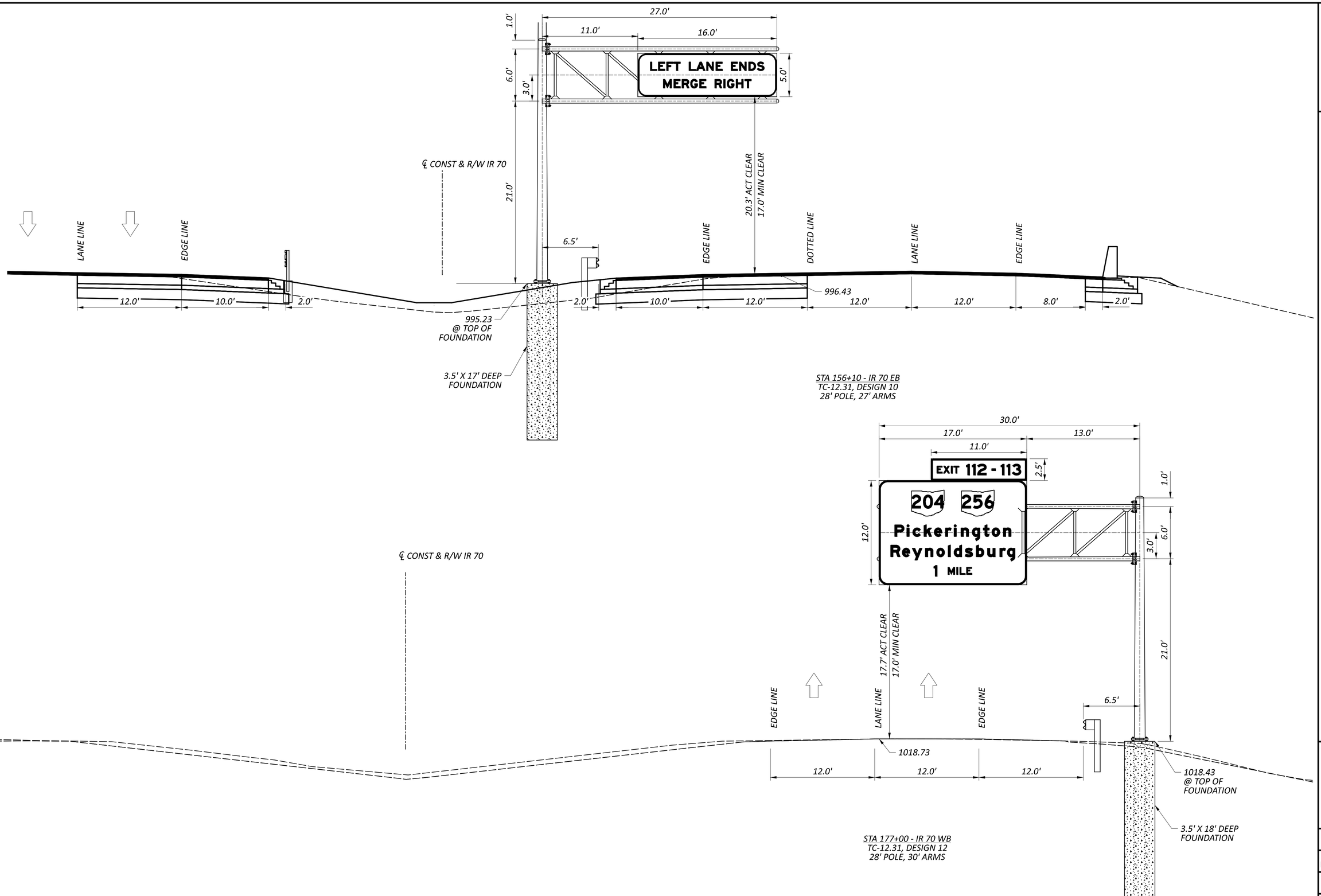

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
IR 70 - STA 156+10 & STA 177+00

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 16 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:22 AM USER: brieder
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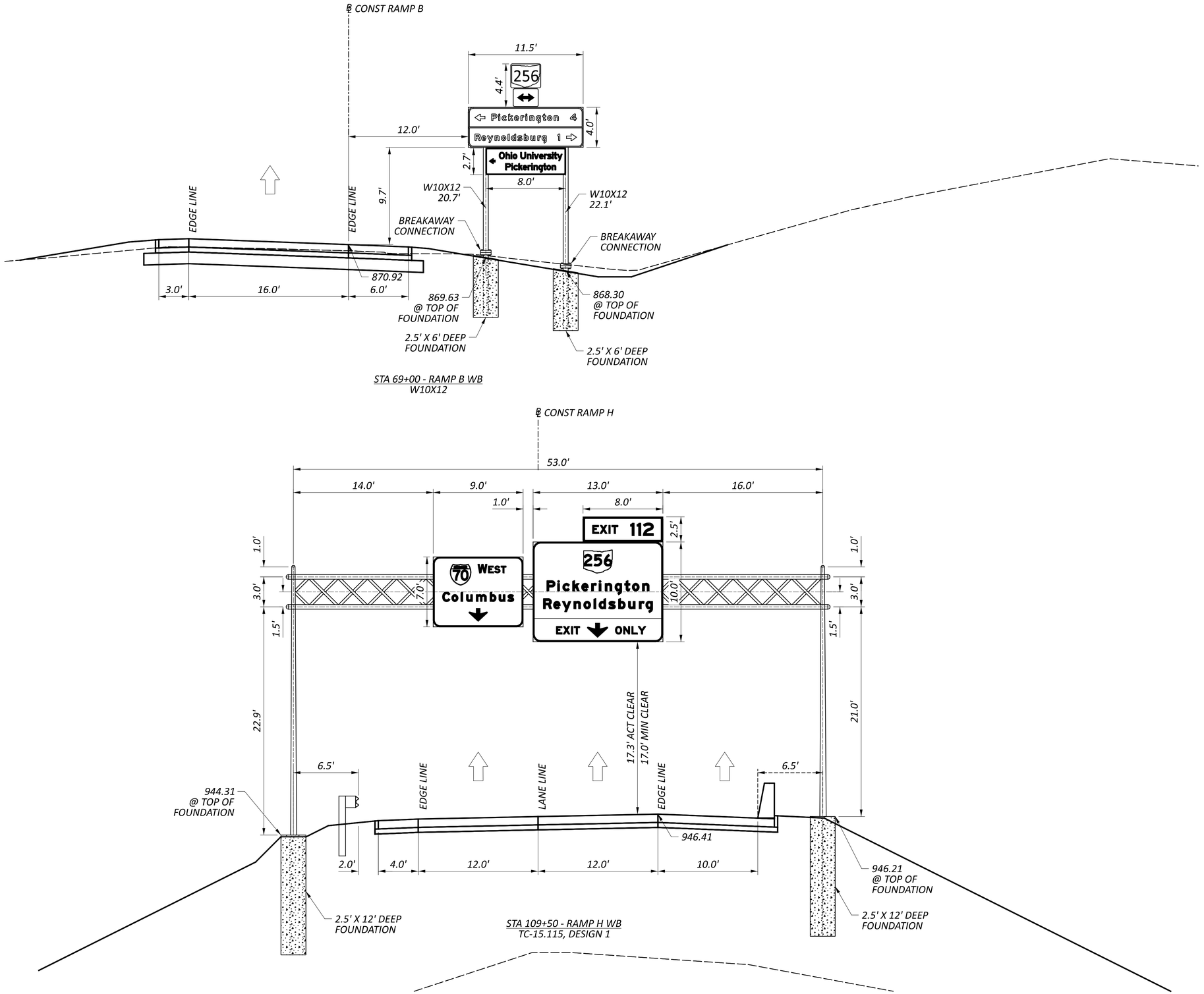
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1384
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
RAMP B - STA 69+00 & RAMP H - STA 109+50

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 17 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:26 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	BER
REVIEWER	KAM 08/07/26
PROJECT ID	96808
SHEET	P.1385
TOTAL	P.2024

MODEL: Sheet 18 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:33 AM USER: brieder
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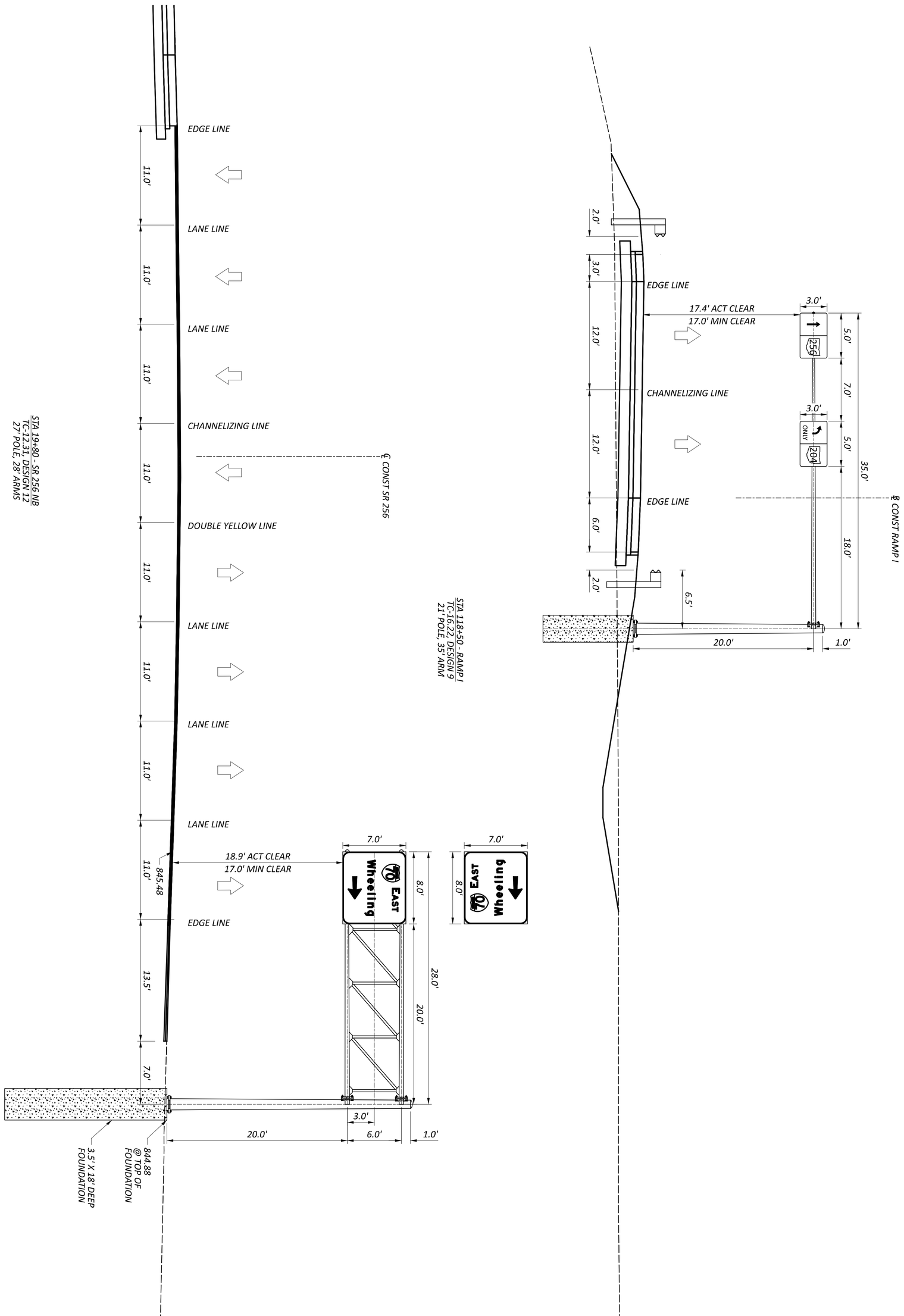

DESIGNER	REVIEWER	PROJECT ID	SHEET	TOTAL
BER	KAM 08/07/26	96808	P.1386	P.2024

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

SIGN ELEVATION DETAILS
RAMP I - STA 118+50 & SR 256 - STA 19+80

HORIZONTAL SCALE IN FEET
0 5
2.5 10

STA 23+72 - SR 256 NB
TC-12.31, DESIGN 10
22' POLE, 22' ARMS

STA 25+95 - SR 256 SB
TC-12.31, DESIGN 10
22' POLE, 18' ARMS

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
SR 256 - SAT 23+75 & STA 25+95

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1387 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 19 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:41 AM USER: brieder
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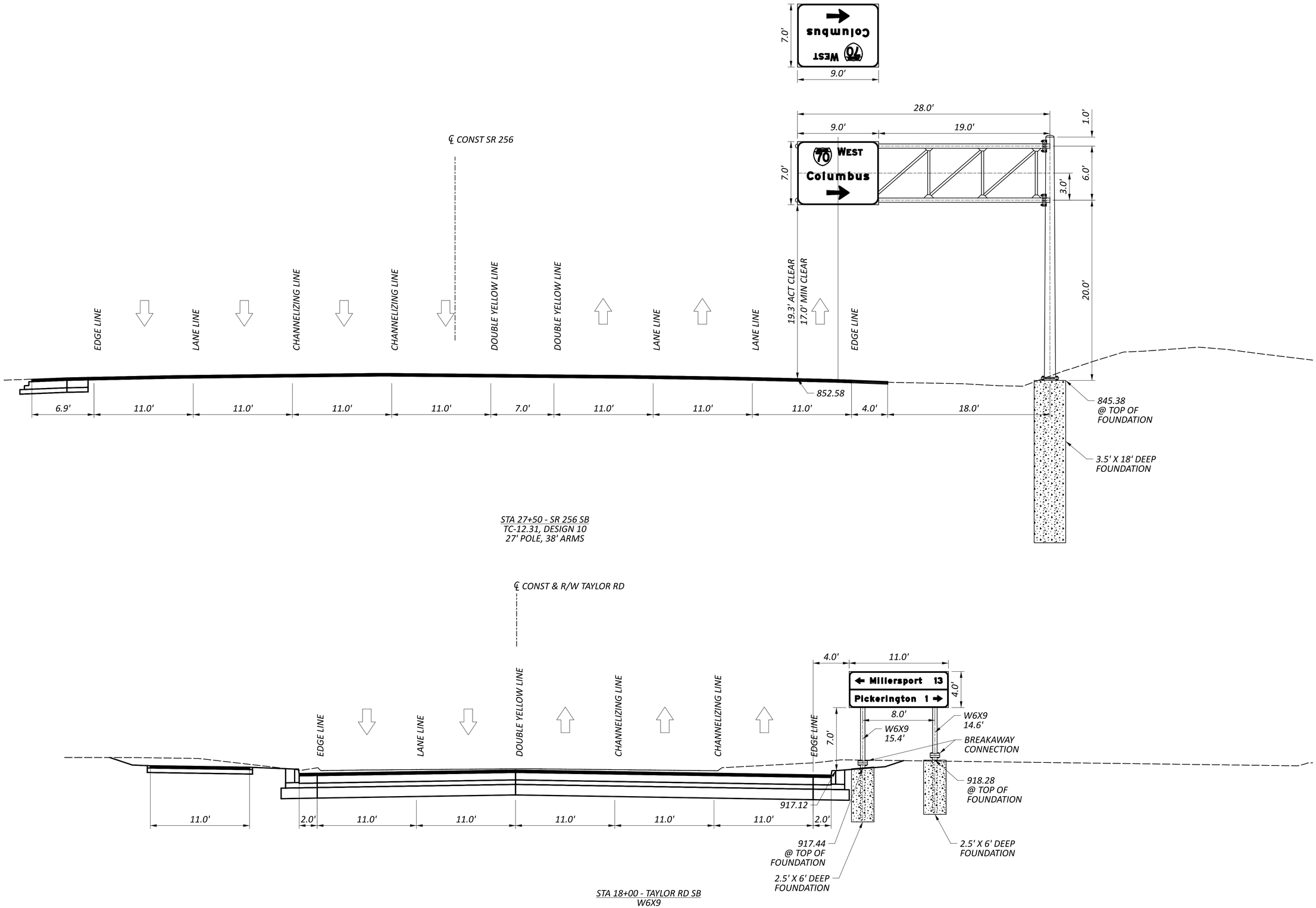

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
SR 256 - 27+50 & TAYLOR RD - STA 18+00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1388 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 20 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:46 AM USER: brieder
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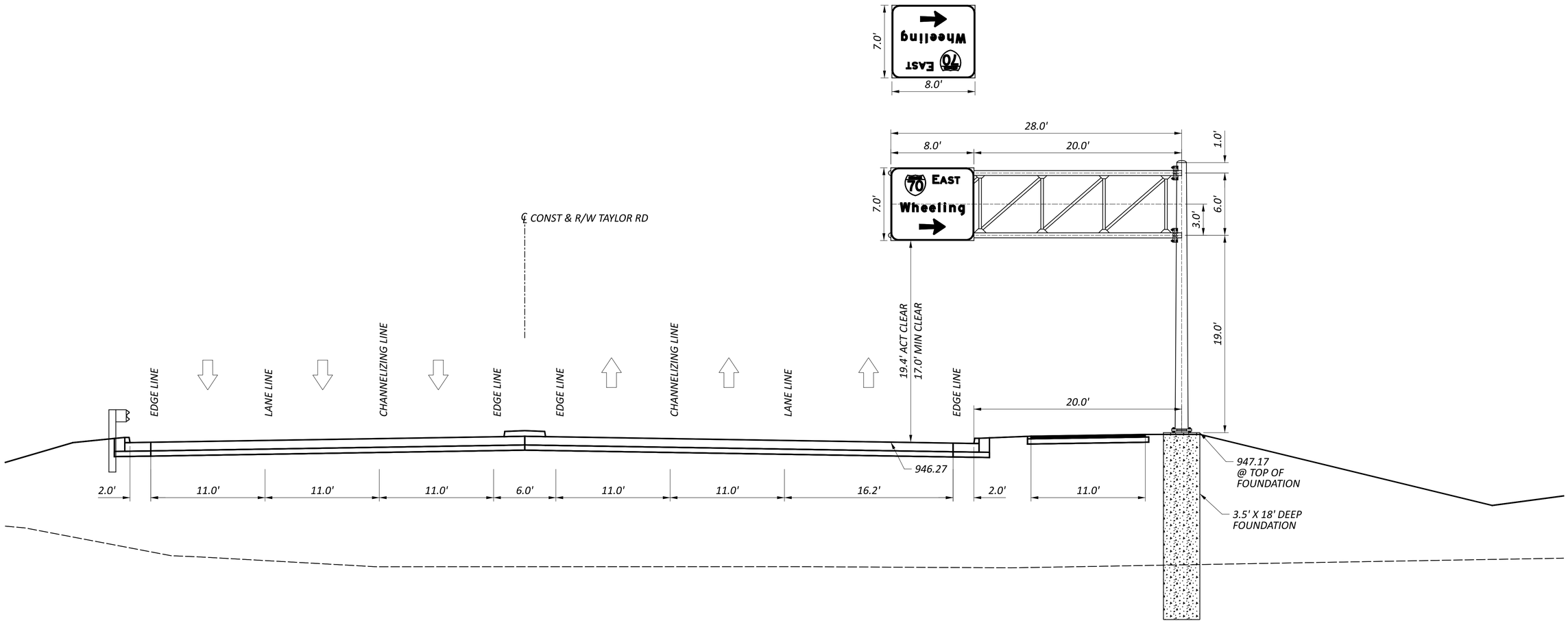

STA 37+00 - TAYLOR RD NB
TC-12.31, DESIGN 12
26' POLE, 28' ARMS

HORIZONTAL
SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
TAYLOR RD - STA 37+00

DESIGN AGENCY
MT. PLEASANT STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1389 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 21 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:53 AM USER: brieder
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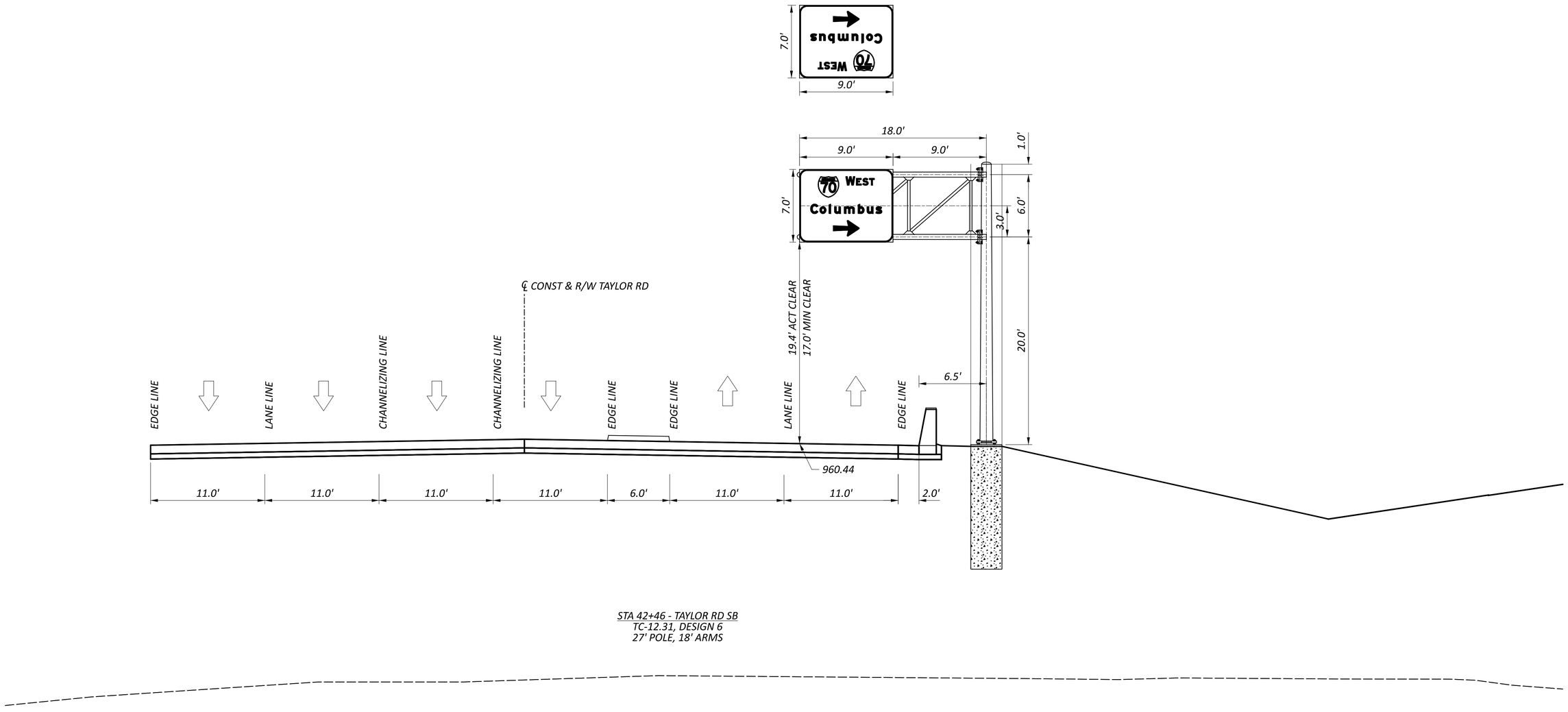

HORIZONTAL SCALE IN FEET
0 2.5 5 10

SIGN ELEVATION DETAILS
TAYLOR RD - STA 42+46

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
BER

REVIEWER
KAM 08/07/26

PROJECT ID
96808

SHEET P.1390 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 22 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 11:08:58 AM USER: brieder
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TRAFFIC SIGNAL NOTES

NOTIFICATION

THE CONTRACTOR SHALL GIVE THE ODOT DISTRICT TRAFFIC OFFICE, (740) 323-5182, 10 WORKING DAYS NOTICE PRIOR TO THE NEW SIGNALS BEING PLACED IN OPERATION.

THE SIGNAL INSTALLATIONS SHALL BE INSPECTED BY ODOT DISTRICT TRAFFIC PERSONNEL. ALL DEFICIENCIES SHALL BE CORRECTED BY THE CONTRACTOR AND APPROVED BY THE DISTRICT TRAFFIC OFFICE.

GUARANTEE

THE CONTRACTOR SHALL GUARANTEE THAT THE TRAFFIC CONTROL SYSTEM INSTALLED AS PART OF THIS CONTRACT SHALL OPERATE SATISFACTORILY FOR A PERIOD OF 120 DAYS FOLLOWING COMPLETION OF THE 10-DAY PERFORMANCE TEST. IN THE EVENT OF UNSATISFACTORY OPERATION, THE CONTRACTOR SHALL CORRECT FAULTY INSTALLATIONS, MAKE REPAIRS AND REPLACE DEFECTIVE PARTS WITH NEW PARTS OF EQUAL OR BETTER QUALITY.

EQUIPMENT, MATERIAL AND LABOR COSTS INCURRED IN CORRECTING AN UNSATISFACTORY OPERATION SHALL BE BORNE BY THE CONTRACTOR.

THE GUARANTEE SHALL COVER THE FOLLOWING ITEMS OF THE TRAFFIC CONTROL SYSTEM: CONTROLLER, CABINET, UNINTERRUPTIBLE POWER SUPPLY, VEHICLE DETECTION EQUIPMENT, LED LAMP UNITS, NETWORK AND COMMUNICATION/INTERCONNECT EQUIPMENT.

CUSTOMARY MANUFACTURER'S GUARANTEES FOR THE FOREGOING ITEMS SHALL BE TURNED OVER TO THE OHIO DEPARTMENT OF TRANSPORTATION FOLLOWING ACCEPTANCE OF THE EQUIPMENT.

THE COST OF GUARANTEEING THE TRAFFIC CONTROL SYSTEM WILL BE INCIDENTAL TO AND INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS ITEMS MAKING UP THE SYSTEM.

SIGNAL ACTIVATION

PRIOR TO ACTIVATING THE NEW TRAFFIC SIGNAL TO STOP-AND-GO MODE AND/OR REMOVING THE EXISTING TRAFFIC SIGNAL FROM SERVICE, ALL ITEMS IN THE PROPOSED SIGNAL PLAN SHALL BE FULLY COMPLETED, (I.E., VEHICLE DETECTION, PEDESTRIAN SIGNAL HEADS, ETC.). IF THERE ARE CONSTRUCTABILITY ISSUES (I.E., ROADWAY WIDENING, ETC.) THAT PREVENT THE SIGNAL FROM BEING COMPLETED PRIOR TO ACTIVATION, IT SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER. THE DISTRICT TRAFFIC ENGINEER WILL THEN REVIEW, APPROVE OR REJECT PROPOSALS TO ACTIVATE THE TRAFFIC SIGNAL PRIOR TO COMPLETION.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER AT LEAST 10 WORKING DAYS PRIOR TO SCHEDULING THE FINAL INSPECTION OF THE SIGNAL INSTALLATION. FINAL INSPECTION IS NOT CONSIDERED COMPLETE UNTIL DESIGNATED DISTRICT TRAFFIC PERSONNEL INSPECT THE TRAFFIC SIGNAL AND ISSUE WRITTEN APPROVAL. IF ISSUES ARE FOUND DURING THE FINAL INSPECTION THAT EFFECT THE SAFETY OF THE TRAVELING PUBLIC AND/OR THE EFFICIENCY OF THE INTERSECTION, THE SIGNAL SHALL NOT BE ACTIVATED ON THE PROPOSED DATE. ANY PUNCH LIST ITEMS THAT ARE FOUND SHALL BE CORRECTED AND REINSPECTED BY DISTRICT TRAFFIC PERSONNEL PRIOR TO FINAL ACCEPTANCE. ODOT FORCES SHALL ONLY ASSUME DAY TO DAY MAINTENANCE OF THE TRAFFIC SIGNAL AFTER FINAL WRITTEN ACCEPTANCE HAS BEEN ISSUED.

WORK INSPECTION

THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER WITH 72-HOUR NOTICE OF ANY SIGNAL WORK TO BE PERFORMED AT THE INTERSECTION SITE(S) SO THAT INSPECTION SERVICES CAN BE SUPPLIED.

POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 120 VOLTS.

DETECTION MAINTENANCE

IF VEHICLE DETECTION BECOMES UNEXPECTEDLY DISABLED, REQUIRES MODIFICATION, OR IS SCHEDULED TO BE TEMPORARILY REMOVED DURING THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL IMMEDIATELY NOTIY THE PROJECT ENGINEER AND DISTRICT TRAFFIC ENGINEER.

IF THE LOSS OF VEHICLE DETECTION IS KNOWN PRIOR TO THE START OF CONSTRUCTION, IT SHALL BE DISCUSSED AT THE PRECONSTRUCTION MEETING. AT SUCH TIME, THE DISTRICT TRAFFIC ENGINEER SHALL ADVISE THE PROJECT ENGINEER AND CONTRACTOR ON THE APPROPRIATE ACTION TO RECTIFY ANY LOSS OF VEHICLE DETECTION. THIS MAY INCLUDE PLACING THE TRAFFIC SIGNAL ON MINIMUM OR MAXIMUM RECALL, MODIFYING THE MINIMUM GREEN TIMES, AND REMOVING THE MANLFUNCTIONING DETECTION FROM SERVICE. WHERE NON-INTRUSIVE DETECTION (I.E. VIDEO, RADAR) ALREADY EXISTS, THE CONTRACTOR SHALL INSURE THAT DETECTION IS OPERATING AND MAINTAINED BY RECONFIGURING THE DETECTION UNITS ACCORDINGLY DURING ALL CONSTRUCTION PHASES. THIS IS TO AVOID THE SIGNAL FROM MAXING OUT THE EFFECTED SIGNAL PHASE AND CREATING UNNECESSARY DELAYS.

LOCATIONS WHERE NON-INTRUSIVE DETECTION IS PROPOSED AND THE EXISTING VEHICLE DETECTION IS TO BE ABANDONED, THE NON-INTRUSIVE VEHICLE DETECTION SHALL BE INSTALLED, CONFIGURED AND MADE FULLY FUNCTIONAL PRIOR TO THE EXISTING DETECTION BEING DISABLED. THE CONTRACTOR SHALL CONTINUE TO MAINTAIN AND MODIFY THE DETECTION UNTIL FINAL ACCEPTANCE OF THE TRAFFIC SIGNAL. THIS IS TO ENSURE VEHICLE DETECTION REMAINS FULLY FUNCTIONAL THROUGHOUT CONSTRUCTION.

GROUNDING AND BONDING

THE REQUIREMENTS OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS) AND THE TC SERIES OF STANDARD CONSTRUCTION DRAWINGS ARE MODIFIED AS FOLLOWS:

1. ALL METALLIC PARTS CONTAINING ELECTRICAL CONDUCTORS SHALL BE PERMANENTLY JOINED TO FORM AN EFFECTIVE GROUND FAULT CURRENT PATH BACK TO THE GROUNDED CONDUCTOR IN THE POWER SERVICE DISCONNECT SWITCH.

   A. PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR IN METALLIC CONDUITS (725.04) IN ADDITION TO THE CONDUCTORS SPECIFIED AND BOND THE CONDUIT TO THIS GROUNDING CONDUCTOR.
   B. WHEN AN EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED IN PLASTIC CONDUIT (725.05), THE INSTALLATION SHALL INCLUDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN ADDITION TO THE CONDUCTORS SPECIFIED.
   C. METALLIC CONDUIT CARRYING THE LOOP WIRES FROM IN THE PAVEMENT TO THE PULL BOX SPLICE LOCATION WILL ONLY BE BONDED AT THE PULL BOX END, AND WILL NOT CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR.
   D. IF MULTIPLE CONDUIT RUNS BEGIN AND END AT THE SAME POINTS, ONLY ONE EQUIPMENT GROUNDING CONDUCTOR IS REQUIRED.
   E. IF AN EQUIPMENT GROUNDING CONDUCTOR IS NEEDED IN CONDUIT BETWEEN SIGNALIZED INTERSECTIONS FOR UNDERGROUND INTERCONNECT CABLE, THE GROUNDING SYSTEM FOR EACH SIGNALIZED INTERSECTION WILL BE SEPARATED ABOUT MIDWAY BETWEEN THE INTERSECTIONS.
   F. THE MESSENGER WIRE AT SIGNALIZED INTERSECTIONS WILL BE USED AS THE CONDUCTIVE PATH FROM CORNER TO CORNER IF CONDUIT IS NOT PROVIDED UNDER THE ROADWAY. WHEN CONDUIT CONNECTS THE CORNERS OF AN INTERSECTION, AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE USED IN THE CONDUIT.

2. CONDUITS.

   A. THE 725.04 CONDUIT SHALL HAVE GROUNDING BUSHINGS INSTALLED AT ALL TERMINATION POINTS. THE BUSHING MATERIAL SHALL BE COMPATIBLE WITH GALVANIZED STEEL CONDUIT AND THE GROUNDING LUG MATERIAL SHALL BE COMPATIBLE FOR USE WITH COPPER WIRE. THREADED OR COMPRESSION TYPE BUSHINGS MAY BE USED.
   B. THE 725.05 CONDUIT SHALL HAVE THE INSIDE AND OUTSIDE DIAMETERS OF THE CONDUIT DEBURRED AT ALL TERMINATION POINTS.
   C. BOTH ENDS OF METALLIC CONDUIT SHALL BE BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR.
   D. METALLIC CONDUIT MAY BE BONDED TO METALLIC BOXES THROUGH THE USE OF CONDUIT FITTINGS UL APPROVED FOR THIS TYPE OF CONNECTION, WITH THE BOX BONDED TO THE EQUIPMENT GROUNDING CONDUCTOR.

GROUNDING AND BONDING (CONT.)

3. WIRE FOR GROUNDING AND BONDING.

   A. USE INSULATED, COPPER WIRE FOR THE EQUIPMENT GROUNDING CONDUCTOR. BONDING JUMPERS IN BOXES AND ENCLOSURES MAY BE BARE OR INSULATED COPPER WIRE. WIRE SIZE SHALL BE AS FOLLOWS:

      I. USE 4 AWG BETWEEN THE POWER SERVICE AND SUPPORTS, POLES, PEDESTALS, CONTROLLER OR FLASHER CABINETS.
      II. USE A MINIMUM 8 AWG BETWEEN LOOP DETECTOR PULL BOXES AND THE FIRST CONDUIT THAT REQUIRES A LARGER SIZE AS SPECIFIED IN 3.A.I ABOVE.
      III. USE A MINIMUM 8 AWG BETWEEN THE "PREPARE TO STOP WHEN FLASHING" INSTALLATION (INCLUDING SUPPORT) AND THE FIRST CONDUIT THAT REQUIRES A LARGER SIZE AS SPECIFIED IN 3.A.I ABOVE.
      IV. THE INSULATION SHALL BE GREEN OR GREEN WITH YELLOW STRIPE(S). FOR 4 AWG OR LARGER, INSULATION MAY ALSO BE BLACK WITH GREEN TAPE/LABELS INSTALLED AT ALL ACCESS POINTS.

   B. IN A HIGHWAY LIGHTING SYSTEM, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE THE SAME WIRE SIZE AS THE DUCT CABLE OR DISTRIBUTION CABLE CIRCUIT CONDUCTORS, WITH THE MINIMUM CONDUCTOR SIZE OF 4 AWG. BONDING JUMPERS WILL BE MINIMUM SIZE 4 AWG.

4. GROUND ROD.

   A. A 3/4-INCH SCHEDULE 40 PVC CONDUIT WILL BE USED IN FOUNDATIONS AND CONCRETE WALLS FOR THE GROUNDING CONDUCTOR (GROUND WIRE) RACEWAY TO THE GROUND ROD. SHOULD METALLIC CONDUIT BE USED, BOTH ENDS OF THE CONDUIT SHALL BE BONDED TO THE GROUNDING CONDUCTOR.
   B. THE TYPICAL GROUNDING CONDUCTOR (GROUND WIRE) SHALL BE 4 AWG INSULATED, COPPER.

5. THE GREEN CONDUCTOR IN SIGNAL CABLES (CONDUCTOR #4) SHALL NOT BE USED TO SUPPLY POWER TO A SIGNAL INDICATION. IT WILL BE CONNECTED TO THE SIGNAL BODY AS AN EQUIPMENT GROUND IN ALUMINUM HEADS AND IT WILL BE UNUSED IN PLASTIC HEADS. UNUSED CONDUCTORS SHALL BE GROUNDED IN THE CABINET. TYPICAL USE OF CONDUCTORS IS AS FOLLOWS:

COND. NO.	COLOR	VEHICULAR SIGNAL	PEDESTRIAN SIGNAL
1	BLACK	GREEN BALL	#1 WALK
2	WHITE	AC NEUTRAL	AC NEUTRAL
3	RED	RED BALL	#1 DW/FDW
4	GREEN	EQUIPMENT GROUND	EQUIPMENT GROUND
5	ORANGE	YELLOW BALL	#2 DW/FDW
6	BLUW	GREEN ARROW	#2 WALK
7	WHITE/BLACK STRIPE	YELLOW ARROW	NOT USED

6. POWER SERVICE AND DISCONNECT SWITCH.

   A. AT THE POWER SERVICE LOCATION, THE GROUNDING CONDUCTOR (GROUND WIRE) FROM THE DISCONNECT SWITCH NEUTRAL (AC-) BAR TO THE GROUND ROD SHALL BE A CONTINUOUS, UNSPLICED CONDUCTOR. IF SPLICED, IT SHALL BE AN EXOTHERMIC WELD BUTT SPLICE.
   B. THE SERVICE NEUTRAL (AC-) SHALL ONLY BE CONNECTED TO GROUND AT THE PRIMARY POWER SERVICE DISCONNECT SWITCH.

      I. NEMA CONTROLLER CABINETS: IF A POWER SERVICE DISCONNECT SWITCH IS LOCATED BEFORE THE CONTROLLER CABINET, THE NEUTRAL (AC-) AND THE GROUNDING BARS IN THE CONTROLLER CABINET SHALL NOT BE CONNECTED TOGETHER AS SHOWN IN NEMA TS-2, FIGURE 5-4.
      II. IF SECONDARY DISCONNECT SWITCHES ARE CONNECTED AFTER THE PRIMARY DISCONNECT SWITCH, THE NEUTRAL (AC-) SHALL ONLY BE GROUNDED AT THE PRIMARY SWITCH. EQUIPMENT GROUNDING CONDUCTORS SHALL BE BROUGHT TO THE PRIMARY SWITCH, BUT SHALL BE GROUNDED AT BOTH SECONDARY AND PRIMARY SWITCHES.

7. PAYMENT – ALL MATERIALS AND WORK REQUIRED TO COMPLETE THE EFFECTIVE GROUND FAULT CURRENT PATH SYSTEM ARE INCIDENTAL TO THE CONDUCTORS INSTALLED BY CONTRACT.

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL, TRAFFIC SIGNAL CABINET

THIS ITEM SHALL INCLUDE PROVIDING ARC FLASH HAZARD CALCULATION AND LABELS PER SUPPLEMENTAL SPECIFICATION 825. LABELS SHALL BE APPLIED TO THE OUTSIDE OF EACH CONTROLLER CABINET. LABELS SHALL BE PROVIDED BY THE CONTRACTOR.

LOCATIONS OF ARC FLASH HAZARD LABELS ARE:

SR 256 / IR 70 EB RAMPS	(STA. 19+57.2, 89.0' RT.)-SIGNAL CONTROLLER
SR 256 / IR 70 WB RAMPS	(STA. 27+71.2, 78.2' LT.)-SIGNAL CONTROLLER
SR 204 (BLACKLICK-EASTERN RD NW) / TAYLOR RD / WELLESLEY DR	(STA. 43+13.4, 75.0' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / IR 70 EB RAMPS	(STA. 35+43.3, 55.1' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / IR 70 WB RAMPS	(STA. 43+39.3, 64.3' LT.)-SIGNAL CONTROLLER
TAYLOR ROAD / TAYLOR ROAD SW	(STA. 50+46.1, 69.8' LT.)-SIGNAL CONTROLLER

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH ITEM 625 - ARC FLASH CALCUALTIONS AND LABEL FOR EACH SET OF CALCULATIONS ACCEPTED AND LABEL INSTALLED, INCLUDING ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY.

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING PULL BOXES, SIGNAL HEADS, CABLE, MESSENGER WIRE, STRAIN POLES, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH C&MS 632.26 AND AS INDICATED ON THE PLANS. UNLESS NOTED, POWER SERVICES SHALL BE REMOVED IN ACCORDANCE WITH C&MS 625.21F. REMOVED ITEMS SHALL BE REUSED AS PART OF A NEW INSTALLATION ON THE PROJECT OR STORED ON THE PROJECT FOR SALVAGE BY THE OHIO DEPARTMENT OF TRANSPORTATION IN ACCORDANCE WITH THE LISTING GIVEN HEREIN.

THE ITEMS TO BE DELIVERED, DISPOSED OF, OR REUSED SHALL BE PER THE REMOVAL CHART ON THE SIGNAL PLAN FOR THE FOLLOWING INTERSECTIONS:

1. SR 256 / IR 70 EB RAMPS
2. SR 256 / IR 76 WB RAMPS
3. SR 204 (BLACKLICK-EASTERN RD NW) / TAYLOR RD / WELLESLEY DR

REMOVED ITEMS SHALL BE DELIVERED TO THE NEAREST ODOT FACILITY:

ODOT DISTRICT 5
ATTN: BRIAN BOSCH
9600 JACKSONTOWN ROAD, JACKSONTOWN, OH 43030
(740) 323-5182

IN THE EVENT THE ITEMS STORED ON THE PROJECT FOR SALVAGE BY THE LOCAL AGENCY ARE NOT REMOVED, THE CONTRACTOR SHALL, WHEN DIRECTED BY THE ENGINEER IN WRITING, REMOVE AND DISPOSE OF THE ITEMS AT NO ADDITIONAL COST TO THE PROJECT.

ITEMS NOT SPECIFIED FOR STORAGE SHALL BE DISPOSED OF BY THE CONTRACTOR.

ITEM 632 - TEST HOLE PERFORMED

IT IS ANTICIPATED THAT THE CONTRACTOR WILL ENCOUNTER UNDERGROUND UTILITIES WHILE EXCAVATING FOR SIGNAL SUPPORT FOUNDATIONS OR SIMILAR FOUNDATIONS. AFTER ACCURATELY IDENTIFYING THE PROPOSED LOCATION OF THE FOUNDATION, AS SHOWN IN THE PLANS AND AFTER MODIFYING THAT LOCATION, IF NECESSARY, BASED ON THE FIELD MARKING OF UNDERGROUND UTILITY LOCATION, IF THE CONTRACTOR DISCOVERS A UTILITY CONFLICT DURING THE EXCAVATION OPERATION, THE CONTRATOR WILL BE COMPENSATED FOR EACH PARTIAL FOUNDATION EXCAVATION ACCORDING TO THE BID PRICE.

BEFORE THE CONTRACTOR BEGINS THE EXCAVATION AT THE MODIFIED LOCATION, THE CONTRACTOR SHALL VERIFY THAT THERE WILL BE NO OVERHEAD UTILITY CONFLICTS RESULTING FROM THE NEW SIGNAL SUPPORT LOCATION. NEW SUPPORT LOCATIONS ARE TO BE APPROVED BY THE ENGINEER.

THE WORK WILL INCLUDE BACKFILLING, COMPACTING, AND RESTRATION OF THE EXCAVATION TO THE SITE'S ORIGINAL CONDITION.

EXCAVATIONS SHALL NOT BE LEFT OPEN OVERNIGHT.

PAYMENT FOR THIS ITEM SHALL BE AT THE UNIT PRICE BID PER EACH ITEM 632 - TEST HOLE PERFORMED TO BE USED AT THE DIRECTION OF THE ENGINEER.

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DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1391 TOTAL P.2024

ITEM 632 - SIGNAL SUPPORT FOUNDATION

PRIOR TO ORDERING THE SIGNAL SUPPORTS, THE CONTRACTOR SHALL CONTACT OUPS TO HAVE ALL THE UTILITIES LOCATED IN THE FIELD. THEN, THE CONTRACTOR SHALL MEET THE PROJECT ENGINEER TO LOCATE THE PROPOSED SUPPORT LOCATIONS TO INSURE THERE ARE NO CONFLICTS WITH UTILITIES. IF THERE ARE ISSUES, THE PROJECT ENGINEER SHALL PROVIDE GUIDANCE AS TO THE RELOCATION OF THE SUPPORTS.

DUE TO THE FURTHER POSSIBILITIY OF CONFLICT WITH EXISTING OR PROPOSED UNDERGROUND OBSTRUCTIONS (INCLUDING THE POSSIBILITY OF UNRECORDED OBSTRUCTIONS) WHICH COULD AFFECT THE LOCATION OF THE FOUNDATION FOR THIS ITEM, AND CONSEQUENTLY, THE DESIGN OF THE SUPPORT AND/OR ARMS, THE CONTRACTOR SHALL NOT PLACE FINAL ORDERS FOR THE ITEM UNTIL THE FOUNDATIONS HAVE BEEN INSTALLED, AT FINAL GRADE, AND THE CONTRACTOR HAS RECEIVED, FROM ENGINEER, WRITTEN NOTICE TO PROCEED WITH THE ORDERS FOR THE ITEM.

IF ANY FOUNDATION LOCATIONS MUST BE ADJUSTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OHIO DEPARTMENT OF TRANSPORTATION, WHO WILL DETERMINE THE REVISED LOCATION AND IF NEEDED, THE SUPPORT DESIGN. THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR DETERMINING THE REVISED DESIGN. THE ENGINEER WILL INFORM THE CONTRACTOR OF ANY CHANGES NECESSARY AND AUTHORIZE THE CONTRACTOR TO ORDER THE SUPPORT.

THE CONTRACTOR SHALL, WHEN DEVELOPING THE PROGRESS SCHEDULE, AND THOSE OF SUBCONTRCATORS, ENSURE THAT THE FOUNDATIONS ARE INSTALLED AT THE EARLIEST TIME AS IS FEASBILE AND PRACTICAL, AND SHALL INCLUDE SUFFICIENT TIME IN THE PROGRESS SCHEDULE FOR ORDERING, MANUFACTURING, DELIVERY, AND INSTALLATION OF THE SUPPORT ITEMS AFTER THE FOUNDATIONS ARE IN PLACE.

NO PAYMENTS FOR DELIVERED MATERIALS FOR THE FOUNDATION OR SUPPORT ITEMS SHALL BE MADE UNTIL THE FOUNDATIONS ARE IN PLACE, AND IF CHANGES IN THE DESIGN OF THIS IEM ARE REQUIRED, NO PAYMENT SHALL BE MADE FOR THE ITEMS MANUFACTURED TO THE ORIGINAL DESIGN.

PAYMENT WILL BE AT CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

ITEM 632 - POWER SERVICE, AS PER PLAN

POWER SERVICE SHALL BE AS PER C&MS ITEM 632.24 AND SCD TC-83.10 WITH THE FOLLOWING EXCEPTIONS:

1. ALL POWER SERVICES SHALL BE METERED. THE METER SHALL HAVE A LEVER OPERATED BYPASS.
2. THE CONTRACTOR SHALL SUPPLY THE NECESSARY METER BASES.
3. THE METER BASE MOUNTING HEIGHT SHALL BE NO MORE THAN 5 FEET HIGH TO THE CENTER OF THE METER BASE FROM THE GROUND.
4. THE POWER SERVICE BLIND HALF COUPLING SHALL BE TWENTY-SEVEN (27) INCHES ABOVE THE BOTTOM OF THE SIGNAL SUPPORT BASE PLATE AND SHALL BE WELDED TO THE SUPPORT POLE.
5. CONDUIT FROM THE BOTTOM OF THE DISCONNECT SWITCH ENCLOSURE INTO THE BOTTON OF THE CONTROLLER CABINET WILL NOT BE PERMITTED. POWER SERVICE WIRES FROM THE DISCONNECT SWITCH ENCLOSURE TO THE CONTROLLER CABINET SHALL BE ROUTED THROUGH THE SIGNAL SUPPORT.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REQUESTING AND SCHEDULING ANY INSPECTIONS AEP MAY REQUIRE FOR THE POWER SERVICE HOOK UP. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT AEP FOR THE ELECTRICAL SERVICE CONNECTION. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR SPLICE POWER CABLES INTO AEP'S CIRCUITS. THE VOLTAGE SUPPLIED SHALL BE NOMINALLY 120 VOLTS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND PAYING OF ALL FEES. THE CONTRACTOR SHALL PAY ALL POWER CHARGES UNTIL THE SIGNAL IS ACCEPTED BY THE OHIO DEPARTMENT OF TRANSPORTATION.

DUE TO THE INTENDED RELOCATION OF EXISTING UTILITY POLES, THE PROPOSED POWER SOURCE LOCATION HAS NOT BEEN IDENTIFIED AT ALL PROJECT INTERSECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE POWER SOURCE LOCATION AT ANY INTERSECTION THAT HAS NOT BEEN PREVIOUSLY IDENTIFIED IN THE PLANS. ALL POWER LOCATIONS SHALL BE APPROVED BY THE ENGINEER. REGARDLESS OF WHETHER THE POWER SOURCE LOCATION HAS BEEN IDENTIFIED IN THE PLANS OR NOT, ALL ITEMS ASSOCIATED WITH THE POWER SERVICE THAT ARE NECESSARY TO PROVIDE COMPLETE ELECTRICAL SERVICE TO EACH TRAFFIC SIGNAL INSTALLATION, INCLUDING, BUT NOT LIMITED TO CONDUIT RISERS, CONDUIT, TRENCHING, PULL BOXES AND POWER SERVICE CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN, AS PER THE C&MS 632.24.

THE COST FOR ALL NECESSARY ITEMS AND ASSOCIATED LABOR SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR ITEM 632 - POWER SERVICE, AS PER PLAN.

ITEM 632 - ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN

THE PROVIDED PUSHBUTTONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF C&MS 632.09 AND 732.06 AND SECTIONS 4E.09-4E.13 OF THE OMUTCD.

THE CONTRACTOR SHALL PROVIDE ONE (1) CENTRAL CONTROL UNIT PER INTERSECTION. THE CENTRAL CONTROL UNIT SHALL BE PAID FOR UNDER A SEPARATE PAY ITEM.

THIS ITEM SHALL INCLUDE ALL LABOR AND MATERIAL COSTS ASSOCIATED WITH THE PROVISIONS AND INSTALLATION OF THE PUSHBUTTON AS OUTLINED ABOVE. PAYMENT FOR THIS WORK SHALL BE AT THE CONTRACT UNIT PRICE FOR ITEM 632 - ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN AND WILL BE MEASURED BY THE NUMBER OF COMPLETE UNITS FURNISHED, INSTALLED AND ACCEPTED.

ITEM 625 - BRACKET ARM, AS PER PLAN
ITEM 632 - SIGNAL SUPPORT, TYPE TC-12.31 (BY DESIGN), WITH MAST ARMS (BY DESIGN) AND (BY DESIGN), AS PER PLAN
ITEM 632 - (COMBINATION) SIGNAL SUPPORT, TYPE TC-81.22 (BY DESIGN), AS PER PLAN
ITEM 632 - PEDESTAL, (BY DESIGN) TALL, TRANSFORMER BASE, AS PER PLAN

ALL BRACKET ARMS SHALL CONFORM TO C&MS ITEM 625.09 AND 725.21.

ALL PEDESTALS SHALL CONFORM TO C&MS ITEM 632.19 AND 732.15 AND SHALL BE EQUIPPED WITH A TRANSFORMER BASE.

ALL SIGNAL SUPPORTS SHALL CONFORM TO ITEM 632.15 AND 732.11 EXCEPT THAT ALL POLES SHALL BE TAPERED TUBES OF A CONTINUOUS TAPER. POLES CONSISTING OF STRAIGHT SECTIONS WITH A TAPERED EFFECT ACCOMPLISHED BY USE OF REDUCERS SHALL NOT BE PERMITTED. POLE SHALL BE ROUND IN SHAPE. OCTAGON SHAPED POLES ARE NOT PERMITTED.

THE SIGNAL SUPPORTS, MAST ARMS, BRACKET ARMS, PEDESTALS, BASES AND ALL EXPOSED HARDWARE FOR THE FOLLOWING INTERSECTIONS SHALL BE PPROVIDED WITH A SEMI-GLOSS FINISH AS NOTED BELOW PER SUPPLEMENTAL SPECIFICATION 916:

1. DARK BRONZE (FEDERAL COLOR 20040)
   i. SR 256 / IR 70 EB RAMPS
   ii. SR 256 / IR WB RAMPS
2. BLACK (FEDERAL COLOR 27038)
   i. TAYLOR ROAD / TAYLOR ROAD SW

ALL PAINTED EQUIPMENT SHALL BE SHIPPED IN A MANNER TO MINIMIZE DAMAGE IN TRANSIT. PAINTED SURFACES WILL BE PROTECTED BY FOAM PADDING, CARDBOARD WRAPPING, SPIRAL WRAPPING WITH WAXED PAPER, CRATING, OR A COMBINATION OF THE LISTED METHODS. THE METHOD UTILIZED SHALL BE SELECTED BY THE SUPPORT MANUFACTURER AS MOST APPROPRIATE FOR THE PROJECT BASED ON POLE SIZES, QUANTITIES, CONFIGURATIONS AND METHOD OF TRANSPORTATION.

ANY FIELD TOUCH-UPS OF THE PAINTED SURFACE FOR ACCIDENTAL DAMAGE DURING TRANSPORT AND/OR INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED IN THE PAY ITEM.

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE AND WILL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND OTHER INCIDENTALS NECESSARY FOR EACH SUPPORT FURNISHED, IN PLACE, COMPLETE AND ACCEPTED.

ITEM 632 - PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF C&MS 632 AND 732, THE FOLLOWING SHALL APPLY:

1. NEW ATTACHMENT HARDWARE AND FITTINGS SHALL BE USED AND SHALL BE BLACK IN COLOR.

2. USE OF ALUMINUM BANDING IS NOT PERMITTED.

PAYMENT FOR ITEM 632 - PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN SHALL BE MADE FOR THE NUMBER OF COMPLETE SIGNAL HEAD FURNISHED AND INSTALLED, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND NEW ATTACHMENT HARDWARE.

ITEM 633 - CABINET, TYPE 332, AS PER PLAN

THE CABINET SHALL BE FURNISHED AND INSTALLED ACCORDING TO CMS 633 AND 733 AND BE LISTED ON THE TRAFFIC AUTHORIZED PRODUCTS LIST (TAP).

THE CABINET SHALL BE FURNISHED WITH AN EDI MONITOR AS ALLOWED ON THE TAP/APPROVED PRODUCTS LIST.

THE CONTRACTOR SHALL NOT REASSIGN THE CABINET DETECTOR INPUTS IN ORDER TO REDUCE THE NUMBER OF 2-CHANNEL DETECTOR UNITS SUPPLIED AND SHALL USE THE STANDARD CALTRANS INPUT FILE DESIGNATIONS FOLLOWING PLAN INSERT SHEET 203324.

PAYMENT FOR ITEM 633 CABINET, TYPE 332, AS PER PLAN WILL BE AT THE CONTRACT BID PRICE PER EACH COMPLETE AND IN PLACE INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

ITEM 633 - UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF C&MS 633 AND 733, A CABINET RISER (8-INCH MINIMUM) AND ANCHOR BOLTS WILL BE PROVIDED FOR BASE-MOUNTED CABINETS. BEFORE PERFORMING THE WORK, THE CONTRACTOR, THE DISTRICT TRAFFIC ENGINEER AND THE PROJECT ENGINEER WILL PERFORM A SITE INSPECTION TO ESTABLISH THE LOCATION OF THE UPS CABINET AND FOUNDATION.

THE UPS CABINET SHALL INCLUDE A GENERATOR POWER PANEL WITH A HEAVY-DUTY POWER RELAY VERSUS THE LINE VOLTAGE GENERATOR SWITCH. THE GENERATOR INLET SHALL BE A RECESSED PANEL WITH A DOOR THAT IS FLUSH WITH THE EXTERNAL SIDE OF THE UPS CABINET. IT SHALL INCLUDE A RECESSED PLUG, AUTOMATIC TRANSFER SWITCH AND A DOOR THAT SECURELY CLOSES OVER THE POWER CORD.

THE CABINET SHALL INCLUDE A PULL-OUT DRAWER TO AID IN BATTERY MAINTENANCE THAT IS INTEGRAL TO EACH SHELF.

THE CABINET SHALL HAVE A DOOR STOP MECHANISM AND THERMOSTATICALLY CONTROLLED FAN. ADDITIONALLY, THE CABINET SHALL BE BUILT WITH ALL BATTERIES ALWAYS BELOW THE INVERTER TO AVOID POTENTIAL FURTHER BATTERY LEAKAGE ISSUES.

THE CABINET SHALL INCLUDE A BATTERY BALANCING DEVICE THAT REGULATES THE BATTERIES AND OPTIMIZES PERFORMANCE.

THE UPS FURNISHED SHALL BE AN ALPHA MANUFACTURED UNIT AND LISTED ON THE TRAFFIC AUTHORIZED PRODUCTS (TAP) LIST.

AFTER FOUR (4) HOURS OF BATTERY RUNTIME, THE SYSTEM SHALL BE PROGRAMMED TO SWITCH THE INTERSECTION FROM FULL OPERATION TO CONTROLLER AUTOMATIC FLASH OPERATION THROUGH THE MONITOR. THE CONTROLLER SHALL BE PROGRAMMED SO THAT FLASH OPERATION SHALL BEGIN ONCE THE INTERSECTION RUNS MINOR STREET GREEN (TYP. PH. 4 & 8), ALL-RED CLEARANCE, AND THEN FLASH OPERATION.

THE UPS OUTPUT NOTIFICATIONS FOR ON BATTERY, BATTERY 2-HOUR TIMER, AND LOW BATTERY SHALL BE WIRED INTO THE TRAFFIC SIGNAL CABINET BACK PANEL WITH SPECIAL STATUS ALARMS FOR EACH OUTPUT INTO THE SIGNAL CONTROLLER.

THIS ITEM SHALL INCLUDE A RED LED STATUS INDICATOR LAMP TO ALLOW MAINTENANCE PERSONNEL AND LAW ENFORCEMENT TO QUICKLY ASSESS WHETHER A TRAFFIC SIGNAL CABINET IS BEING POWERED BY A UPS. THE LED HOUSING SHALL BE NEMA 4X, IP65 OR IP66, RATED FOR OUTDOOR USE AND BE TAMPER/ SHATTER RESISTANT. IT SHALL BE A DOMED ENCLOSURE CONTAINING A RED LENS WITH LED THAT IS VISIBLE FROM 100 FOOT MINIMUM. THE ENCLOSURE AND LED MODULE SHOULD BE PLACED ON THE SIDE OF THE UPS CABINET FACING TOWARDS THE MAINLINE ROADWAY AND SEALED FROM WATER INTRUSION. IT SHOULD BE WIRED USING MINIMUM 20GA STRANDED, INSULATED HOOKUP WIRE TO THE STATUS RELAY OUTPUTS OF THE UPS. THE WIRES SHALL BE TERMINATED BY LUGS AT THE DISPLAY END AND PERMANENTLY LABELED "BACKUP POWER STATUS DISPLAY,"WITH WIRE POLARITY INDICATED. THE RED LED SHALL ONLY ILLUMINATE TO INDICATE THE CABINET IS OPERATING UNDER UPS BACKUP POWER (THE "BACKUP"OPERATING CONDITION). THIS ITEM INCLUDES PROGRAMMING THE UPS STATUS RELAY OUTPUTS TO PRODUCE THE LAMP STATUS DISPLAYS. THESE STATUS DISPLAYS WILL BE SOLID 100% DUTY CYCLE (NOT FLASHING) DISPLAYS. THE OPERATING VOLTAGE OF THE LED LAMP SHALL BE 120V AC UNLESS OTHERWISE INDICATED.

ITEM 632 - SIGNALIZATION, MISC.: ACCESSIBLE PEDESTRIAN PUSHBUTTON CENTRAL CONTROL UNIT

THE CONTRACTOR SHALL INSTALL A PUSHBUTTON CENTRAL CONTROL UNIT THAT IS MANUFACTURED BY THE SAME MANUFACTURER AS THE ACCESSIBLE PEDESTRIAN PUSHBUTTONS. THE UNIT POWER SUPPLY, ALL CONNECTOR CABLES, INTERCONNECT BOARD AND PROGRAMMING BY THE VENDOR SHALL BE PROVIDED AND PAID FOR UNDER THIS PAY ITEM.

PAYMENT FOR THIS ITEM SHALL BE AT THE UNIT PRICE BID PER EACH, COMPLETE AND IN PLACE, INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

TRAFFIC SIGNAL NOTES

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ITEM 809 - EMERGENCY VEHICLE PREEMPTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING PREEMPTION EQUIPEMENT IN THE LOCATIONS AND LOCAL CONTROLLERS AS SHOWN IN THE PLANS. THE PREEMPTION SHALL CONFORM TO ODOT SUPPLEMENTAL SPECIFICATION 809 AND SHALL UTILIZE COMMUNICATIONS TO IDENTIFY THE PRESENCE OF AN EMERGENCY PRIORITY VEHICLE. IT SHALL CUASE THE TRAFFIC SIGNAL CONTROLLER TO SELECT A PRE-PROGRAMMED PREEMPTION PLAN THAT WILL DISPLAY AND HOLD THE DESIRED SIGNAL PHASE FOR THE DIRECTION OF THE EMERGENCY VEHICLE.

THE COMMUNICATIONS MEDIUM SHALL EMPLOY GPS DETECTION TECHNIQUES TO DETERMINE AND LOG THE PRESENCE OF THE EMERGENCY VEHICLE. THE SYSTEM SHALL DETECT THE PRESENCE OF THE VEHICLE THROUGH AN EMITTING DEVICE LOCATED ON THE EMERGENCY VEHICLE. THE SYSTEM SHALL ACTIVATE THE PREEMPTION SEQUENCE BY APPLYING A SIGNAL TO ONE OF THE CONTROLLER'S PREEMPT DISCRETE INPUTS. THE SYSTEM SHALL BE COMPLETELY COMPATIBLE WITH THE CONTROLLER. OPTICOM GPS EMERGENCY PREEMPTION UNITS SHALL BE UTILIZED.

THE EQUIPMENT SHALL BE SHELF OR RACK MOUNTED AND EASILY REMOVABLE AND REPLACEABLE WITHIN THE CABINET. SUPPLY EQUIPMENT COMPLETELY WIRED IN THE CONTROLLER CAINET AND TESTED. THE SYSTEM SHALL BE CAPABLE OF PREEMPTING AND RECEIVING PRIORITY FOR EACH APPROACH TO THE INTERSECTION. IT SHALL BE POSSIBLE TO DETECT THE EMERGENCY VEHICLE AT LEAST 2000 FEET FROM THE INTERSECTION IN AN 80DB-A NOIST ENVIRONMENT.

ALL PREEMPTION PLANS SHOULD BE PROGRAMMED TO PREVENT THE YELLOW TRAP, UNLESS AS DIRECTED BY THE DISTRICT TRAFFIC ENGINEER. YELLOW TRAP PREVENT WILL FORCE THE TRANSITION THROUGH YELLOW CHANGE AND RED CLEARANCE FOR RESOLUTION OF YELLOW TRAP IF ANY PHASE OPPOSING THE PREEMPTION CLEARANCE PHASE(S) IS ACTIVE AND DISPLAYING A GREEN OR FLASHING YELLOW ARROW INDICATION WHEN THE PREEMPTION PLAN IS ACTIVATED AND THE PREEMPTION CLEARANCE PHASE(S) ARE GREEN.

SUPPLY EACH INTERSECTION SHOWN IN THE PLANS WITH THE FOLLOWING COPONENETS, EACH BID SEPARATELY:

1. *PREEMPT RECEIVING UNIT.*
2. *PREEMPT DETECTOR CABLE.*
3. *PREEMPT PHASE SELECTOR ASSEMBLY AND INTERFACE WIRING PANEL.*
4. *CONFIRMATION LIGHT.*

THE MODEL SUPPLIED SHALL BE OPTICOM GPS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC).

THE CITIES SHALL BE SUPPLIED WITH SOFTWARE REQUIRED TO CALIBRATE, LOG, AND OPERATE THE SYSTEM. TWO (2) OPERATING AND INSTRUCTION MANUALS SHALL BE SUPPLIED WITH THE SOFTWARE.

THE CONTRACTOR SHALL THOROUGHLY TEST THE INSTALLED SYSTEM. AT A MINIMUM, THE CONTRACTOR SHALL VERIFY THAT ALL CONNECTIONS ARE PROPERLY MADE TO THE CONTROLLER CABINETS. THE CONTRACTOR SHALL CHECK THAT THE RANGE SETTING IS PROPER FOR EACH INTERSECTION. THE CONTRACTOR SHALL DETERMINE THAT ALL PHASE SELECTORS ARE SELECTING THE PROPER PHASE AND TIMING ACCURATELY. THE CONTRACTOR SHALL VERIFY THAT ALL VEHICLE EMITTERS ARE BEING PROPERLY DETECTED.

PAYMENT FOR ITEM 809 - EMERGENCY VEHICLE PREEMPTION, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH PREEMPTION IN PLACE AND FULLY OPERATIONAL AS SHOWN IN THE PLANS, EXCEPT FOR THOSE ITEMS BID SEPARATELY.

ITEM 809 - PREEMPT RECEIVING UNIT, AS PER PLAN

RECEIVING UNITS SHALL CONSIST OF A LIGHTWEIGHT, WEATHERPROOF AND DIRECTIONAL ASSEMBLY. EACH RECEIVING UNIT SHALL BE 360 DEGREE ADJUSTABLE. THE RECEIVING UNIT SHALL BE CAPABLE OF SENDING THE PROPER ELECTRICAL SIGNAL TO THE TRAFFIC SIGNAL CONTROLLER VIA THE PREEMPTION DETECTOR CABLE. RECEIVING UNITS SHALL BE SUPPLIED WITH MAST ARM MOUNTING HARDWARE AS SHOWN IN THE PLANS. MOUNTING HARDWARE COLORS SHALL MATCH THE FINISH OF THE MAST ARMS. FURNISH PREEMPTION RECEIVING UNITS WITH 60-MONTH WARRANTIES OR FOR THE MANUFACTURER'S STANDARD WARRANTY, WHICHEVER IS GREATER. ENSURE THAT THE WARRANTY PERIOD BEGINS ON THE DATE OF SHIPMENT TO THE PRECT. ENSURE THAT EACH UNIT HAS A PERMANENT LABEL OR STAMP INDICATING THE DATE OF SHIPMENT.

THE PREEMPTION RECEIVING UNIT SHALL BE OPTICOM MODEL 3100 GPS RADIO UNIT AS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC.)

PAYMENT FOR ITEM 809 - PREEMPT RECEIVING UNIT, AS PER PLAN SHALL BE AT THE CONTRACT UNIT FOR EACH RECEIVING UNIT IN PLACE, COMPLETELY INSTALLED AT THE LOCATION SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - PREEMPT PHASE SELECTOR, AS PER PLAN

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTLLING PREEMPT PHASE SELECTORS INCLUDING WIRING INTERFACE PANELS IN THE LOCAL CONTROLLER CABINET AND ALL OTHER ACCESSORIES THAT ARE NECESSARY TO MAKE THE PREEMPT PHASE SELECTORS COMPLETELY FUNCTIONAL AND OPERATIONAL AS SHOWN IN THE PLANS. THIS ITEM SHALL INCLUDE THE EXTRA CABINET SPACE NECESSARY TO BE LOCATED IN THE LOCAL CONTROLLER CABINETS WHERE INDICATED IN THE PLANS.

THE PHASE SELECTORS SHALL CONSIST OF A MODULE OR MODULES THAT WILL PROVIDE THE NECESSARY INPUTS TO THE CONTROLLER. PHASE SELECTORS SHALL BE SUPPLIED WITH SUFFICIENT QUANTITIES OF CHANNELS TO PROVIDE PREEMPTION FOR ALL APPROACHES TO THE INTERSECTION SEPARATELY. POWER SHALL BE OBTAINED FROM THE PHASE SELECTOR OR PHASE SELECTOR POWER SUPPLY AND NOT FROM THE LOCAL CONTROLLER TIMER.

THE PHASE SELECTORS SHALL HAVE FRONT PANEL INDICATORS FOR ACTIVE PREEMPT CHANNEL STATUS. IT SHALL HAVE TEST SWITCHES TO ACTIVATE ALL PREEMPT CHANNELS.

THE PHASE SELECTOR SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTOR AS MANUFACTURED BY MIOVISION (FORMERLY GLOBAL TRAFFIC TECHNOLOGIES, LLC).

FURNISH PREEMPT PHASE SELECTORS WITH 60-MONTH WARRANTIES OR FOR THE MANUFACTURER'S STANDARD WARRANTY WHICHEVER IS GREATER. ENSURE THAT THE WARRANTY PERIOD BEGINS ON THE DATE OF SHIPMENT TO THE PROJECT. ENSURE THAT EACH UNIT HAS A PERMANENT LABEL OR STAMP INDICATING THE DATE OF SHIPMENT.

PAYMENT FOR ITEM 809 PREEMPT PHASE SELECTOR, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH PHASE SELECTOR IN PLACE, COMPLETELY INSTALLED IN THE LOCAL CONTROLLER SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - PREEMPT CONFIRMATION LIGHT, LED, AS PER PLAN

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING PREEMPT CONFIRMATION LIGHTS INCLUDING HARDWARE AND ALL OTHER ACCESSORIES THAT ARE NECESSARY TO MAKE THE PREEMPT CONFIRMATION LGIHT COMPLETELY FUNCTIONAL AND OPERATIONAL AS SHOWN IN THE PLANS.

A CONFIRMATION LIGHT SHALL BE SUPPLIED FOR EACH INTERSECTION TO INDICATE THAT THE EMERGENCY VEHICLE HAS ACHIEVED CONTROL OF THE TRAFFIC SIGNAL.

THE CONFIRMATION LIGHT SHALL BE A WEATHER TIGHT LIGHTING FIXTURE. IT SHALL BE SUPPLIED WITH A GLOBE, LED LAMP AND MOUNTING HARDWARE TO ATTACH TO THE TRAFFIC SIGNAL MAST ARM. THE COLOR OF THE MOUNTING HARDWARE SHALL MATCH THE FINISH OF THE MAST ARM. THE CONFIRMATION LIGHT SHALL BE POWERED BY A LOAD SWITCH IN THE TRAFFIC SIGNAL CONTROLLER. SIGNAL CABLE CONFORMING TO 732.19 SHALL BE USED FOR CONFIRMATION LIGHTS. A MINIMUM OF 4-CONDUCTOR CABLE SHALL BE USED WITH THE GREEN WIRE SERVING AS THE SAFETY GROUND CONDUCTOR.

PAYMENT FOR ITEM 809 PREEMPT CONFIRMATION LIGHT, AS PER PLAN SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH LIGHT IN PLACE, COMPLETELY INSTALLED IN THE LOCATION SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

ITEM 809 - ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL ONLY)

ALL REQUIREMENTS OF SS 809 SHALL BE FOLLOWED, ALONG WITH THE ADDITIONAL DESCRIPTION AS STATED BELOW. THE ATC CONTROLLER WILL BE PROVIDED BY THE DISTRICT WITHOUT PROGRAMMING. IN THE CASE OF A 332/336 CABINET TYPE, THE CONTROLLER WILL BE PROVIDED WITH THE POWER CORD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROGRAMMING THE CONTROLLER TO THE PROPOSED CONDITIONS ACCORDING TO THE PLANS. ODOT WILL NOT BE RESPONSIBLE FOR THE PROGRAMMING.

THE CONTROLLER SHALL BE LISTED ON THE TAP AND BE AN ECONOLITE COBALT AND COMPATIBLE WITH THE CABINET TYPE BEING INSTALLED.

PAYMENT SHALL BE MADE ONCE THE CONTROLLER IS PROGRAMMED, INSTALLED, TESTED, FUCNTIONING ACCORDING TO THE PLANS, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS TO COMPLETE THE WORK.

ITEM 809 - STOP-LINE RADAR DETECTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR MATRIX DETECTION UNIT.

ITEM 809 - ADVANCE RADAR DETECTION, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING A WAVETRONIX SMARTSENSOR ADVANCE DETECTION UNIT (MODEL SS-200E).

TRAFFIC SIGNAL NOTES

DESIGN AGENCY

GPD GROUP

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ITEM 633 - CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET SWITCH (CITY OF PICKERINGTON)

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING AN INDUSTRY HARDENED, FULLY MANAGED ETHERNET SWITCH PROVIDING DUAL FIBER OPTIC GIGABIT ETHERNET (100BASEX) PORTS USING INDUSTRY STANDARD SC FIBER OPTIC CONNECTORS AND 8 FAST ETHERNET (10/100BASE TX) RJ45 COPPER PORTS. THE SWITCH SHALL MEET OR EXCEED NEMA TS2 ENVIRONMENTAL REQUIREMENTS.

THE FIBER OPTIC SWITCH SHALL INTERFACE TO SINGLE-MODE (8/125) FIBER OPTIC CABLE WITH AN OPTICAL WAVELENGTH OF 1310NM USING SC CONNECTORS. IT SHALL BE CAPABLE OF OPERATING OVER A DISTANCE OF AT LEAST 10 KM WITH AN OPTICAL POWER BUDGET OF 17 DB. THE SWITCH SHALL BE CAPABLE OF OPERATING IN A FAULT TOLERANT FIBER OPTIC LOOP.

PROVIDE A SWITCH THAT IS FULLY COMPLIANT WITH IEEE 802.3, 802.3U AND 802.3Z. THE SWITCH SHALL PROVIDE FULL-DUPLEX OPERATION AND FLOW CONTROL.

PROVIDE A SIMPLE INTUITIVE USER INTERFACE FOR CONFIGURATION AND MONITORING OF THE SWITCH VIA STANDARD HTML GRAPHICAL WEB BROWSER, INCLUDING DETAILED ONLINE HELP.

EVENT LOGGING AND RECORDING SHALL BE INCLUDED. ALL SIGNIFICANT EVENTS SHALL BE STORED IN A NON-VOLATILE SYSTEM LOG.

THE OPTICAL ETHERNET SWITCH SHALL CONNECT TO ALL ETHERNET DEVICES IN THE CONTROLLER CABINET INCLUDING CONTROLLER, MMU, UPS, RADAR DETECTION COMMUNICATIONS INTERFACE PANEL AND VIDEO SERVERS, AND ANY OTHER ETHERNET DEVICES USING PROPERLY RATED CAT5E CABLEDS WITH RJ45 CONNECTORS.

THE CONTRACTOR SHALL COORDINATE WITH THE PICKERINGTON CITY ENGINEER (MATT WEBER, 614-833-2221) WHEN THE SWITCHES ARE IN PLACE TO CONNECT TO THE CITY'S SYSTEM.

PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR EACH FIBER OPTIC ETHERNET SWITCH IN PLACE, COMPLETELY INSTALLED IN THE CONTROLLER SHOWN IN THE PLANS, WIRED, TESTED AND ACCEPTED.

FIBER OPTIC EQUPMENT TO REMAIN

THE CONTRACTOR SHALL TAKE GREAT CARE TO NOT DAMAGE THE EXISTING FIBER OPTIC EQUIPMENT TO REMAIN WHICH INCLUDES, BUT NOT LIMITED TO, CONDUIT, PULL BOXES, FIBER OPTIC CABLE AND SPLICE ENCLOSURES. IF IT IS DETERMINED BY THE ENGINEER, THAT ANY EQUIPMENT DESIGNATED TO REMAIN HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THE CONTRACTOR SHALL REPLACE THE EQUIPMENT IN LIKE KIND AT THE COST TO THE CONTRACTOR.

ITEM 633 - CONTROLLER WORK PAD, AS PER PLAN

THE CONTROLLER WORK PAD SHALL BE FURNISHED AND INSTALLED AS PER STANDARD CONSTRUCTION DRAWINGS ITS-10.11 AND ITS-50.12.

CCTV INSTALLATIONS

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED IN THE PLANS.

TRACER WIRE

TRACER WIRE SHALL BE FURNISHED AND INSTALLED PER SUPPLEMENTAL SPECIFICATION 809.

ITEM 809 - MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN ALL PREEXISTING OR NEWLY INSTALLED PERMANENT ITS/TRAFFIC DEVICES AND INFRASTRUCTURE DURING CONSTRUCTION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

PAYMENT FOR ITEM 809 - MAINTAINING ITS DURING CONSTRUCTION SHALL BE MADE AT THE CONTRACT LUMP SUM PRICE AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO MAINTAIN THE ITS INFRASTRUCTURE DURING CONSTRUCTION.

ITEM 809 - AS-BUILT CONSTRUCTION PLANS

THE CONTRACTOR SHALL PROVIDE AS-BUILT CONSTRUCTION PLANS OF THE ITS INFRASTRUCTURE INSTALLED ON THE PROJECT WITH GPS COORDINATE DATA, PICTURES, AND INFORMATION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

ITEM 809 - CCTV POLE, 70' TALL

THE CONTRACTOR SHALL FURNISH AND INSTALL THIS ITEM ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809, AS WELL AS ANY STANDARD CONSTRUCTION DRAWINGS NOTED ON THE PLANS. THE CONTRACTOR SHALL DETERMINE WHICH TYPE OF POLE TO FURNISH AND INSTALL (CONCRETE OR STEEL) WHEN BIDDING ON THIS ITEM. THE POLE AND FOUNDATION/EMBEDMENT ARE INCIDENTAL TO THIS ITEM REGARDLESS OF MATERIAL TYPE. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL ONE COMPLETE LOWERING UNIT TOOL ASSEMBLY PER CAMERA FOR LOWERING CAMERAS PER SUPPLEMENTAL SPECIFICATION 809 (PAID SEPARATELY).

THE CONTRACTOR SHALL FURNISH/INSTALL POLES WITH THE CORRECT LENGTH/EMBEDMENT AND ALL COUPLINGS, HANDHOLES, ETC., IN THE APPROPRIATE LOCATION ABOVE GROUND ACCORDING TO SCD ITS-12.10 OR ITS-12.11.

FOR THIS SITE, LOCATED AT STA. 39+56.1, 79.3' RT., THE POLE HEIGHT SHALL BE __ FT ABOVE GROUND. THE EMBEDMENT DEPTH FOR A CONCRETE POLE SHALL BE __ FT. A SPECIAL FOUNDATION DESIGN (IS/ IS NOT) REQUIRED FOR A STEEL POLE.

THE CONTRACTOR MAY FURNISH/INSTALL LONGER OVERALL LENGTH CONCRETE POLES AT A DEEPER EMBEDMENT DEPTH IF IT IS MORE BENEFICIAL FOR MANUFACTURING, SHIPPING, ETC., AS LONG AS ALL ABOVE GROUND COMPONENTS MAINTAIN APPROPRIATE HEIGHT LEVEL.

THE CONTRACTOR SHALL SUBMIT ALL POLE MANUFACTURER FABRICATION DRAWING SUBMITTALS, AS WELL AS INSTALLATION PROCEDURES AND BACKFILL MATERIAL, TO THE ENGINEER FOR ACCEPTANCE BEFORE ORDERING.

PAYMENT FOR EACH POLE COMPLETE, INSTALLED, AND ACCEPTED SHALL BE MADE AT THE UNIT BID PRICE FOR ITEM 809, CCTV POLE, 70' TALL.

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL, ITS CABINET

THIS ITEM SHALL INCLUDE PROVIDING ARC FLASH HAZARD CALCULATIONS AND LABELS PER SUPPLEMENTAL SPECIFICATIONS 825. LABELS SHALL BE APPLIED TO THE OUTSIDE OF EACH CONTROLLER CABINET. LABELS SHALL BE PROVIDED BY THE CONTRACTOR.

LOCATIONS OF ACR FLASH HAZARD LABELS ARE:

FAI/LIC-IR 70-0.00/0.00 STA. 39+50.8, 78.9' RT.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH ITEM 625 - ARC FLASH CALUCATIONS AND LABEL, ITS CABINET FOR EACH SET OF CALCULATIONS ACCEPTED AND LABEL INSTALLED, INCLUDING ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY.

ITEM 809 - ITS DEVICE, MISC.: RELOCATION OF EXISTING ITS INSTALLATION

THE EXISTING WRONG WAY DETECTION CAMERA SYSTEM INSTALLED AT THE SR 256 / I70 EB RAMPS INTERSECTION SHALL BE REMOVED AND RELOCATED IN ITS ENTIRETY AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE GREAT CARE AS TO NOT DAMAGE THE EXISTING EQUIPMENT WHILE REMOVING THE CCTV IP-CAMERA SYSTEM, AS IT IS THE INTENT OF THE PROJECT TO REUSE THE CAMERA AND PROVIDE A NEW CONNECTION TO THE EXISTING GROUND MOUNTED CONTROLLER CABINET THAT IS TO REMAIN.

THE CONTRACTOR SHALL DOCUMENT, IN WRITING, ANY MALFUNCTIONING EQUIPMENT PRIOR TO EQUIPMENT REMOVAL. IF THE ENGINEER HAS DETERMINED THE CAMERA EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE EQUIPMENT IN LIKE KIND AS APPROVED BY THE ENGINEER, AT THE CONTRACTOR'S COST.

ALL REQUIRED ATTACHMENT HARDWARE SHALL BE CONSIDERED INCIDENTAL TO THIS PAY ITEM.
PAYMENT FOR ITEM 809 ITS DEVICE, MISC.: RELOCATION OF EXISTING ITS INSTALLATION SHALL BE MADE AT THE CONTRACT UNIT PRICE PER EACH AND SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, AND OTHER INCIDENTALS NECESSARY TO RELOCATE THE CCTV IP-CAMERA SYSTEM AND RETURN THE WRONG WAY DETECTION SYSTEM TO A FULL OPERATION STATUS, TESTED AND ACCEPTED.

INTERCONNECT & ITS NOTES

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REVIEWER KMG 07/31/26
PROJECT ID 96808
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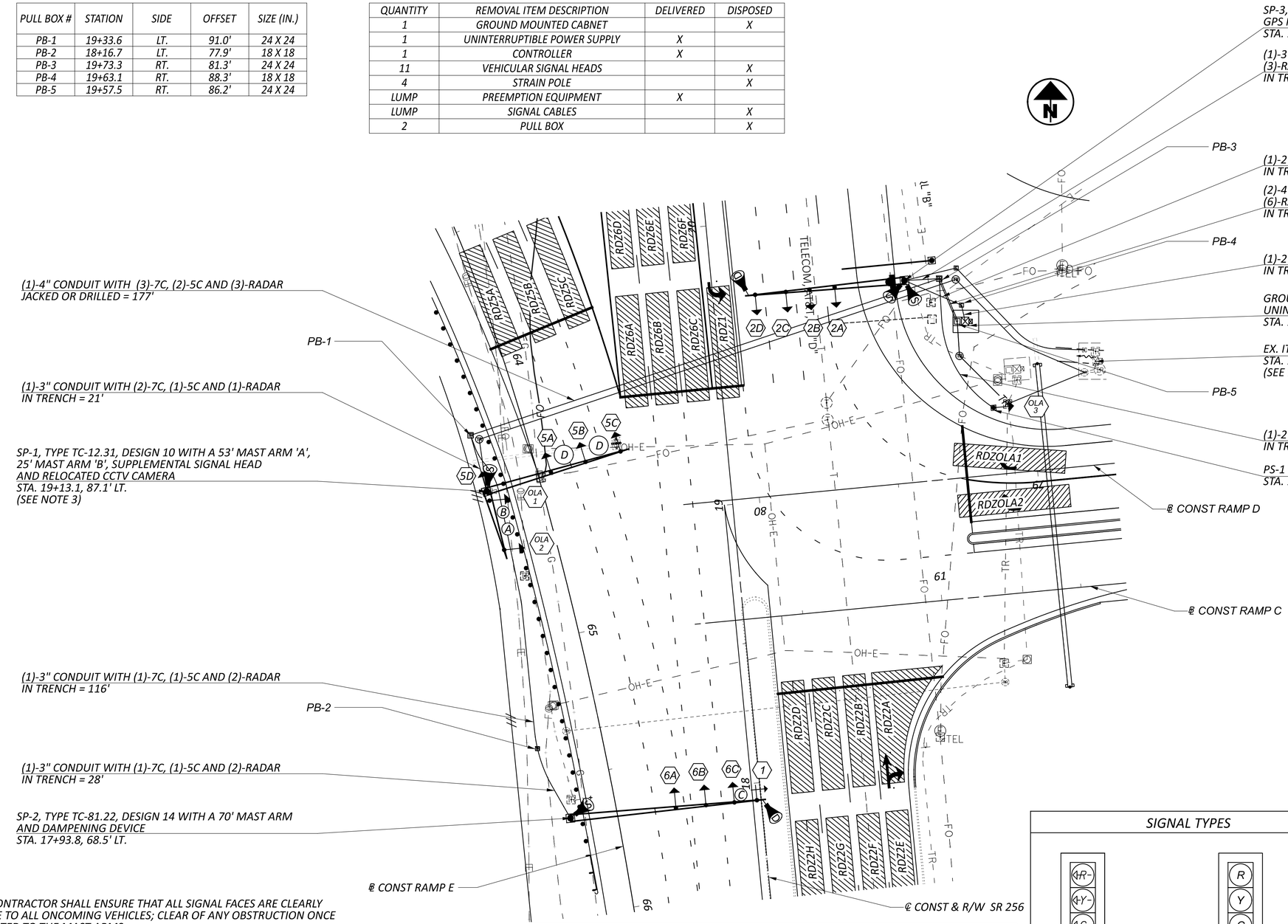
PULL BOX TABLE

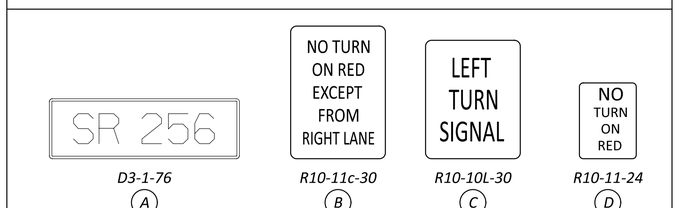
PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	19+33.6	LT.	91.0'	24 X 24
PB-2	18+16.7	LT.	77.9'	18 X 18
PB-3	19+73.3	RT.	81.3'	24 X 24
PB-4	19+63.1	RT.	88.3'	18 X 18
PB-5	19+57.5	RT.	86.2'	24 X 24

REMOVAL CHART

QUANTITY	REMOVAL ITEM DESCRIPTION	DELIVERED	DISPOSED
1	GROUND MOUNTED CABNET		X
1	UNINTERRUPTIBLE POWER SUPPLY	X	
1	CONTROLLER	X	
11	VEHICULAR SIGNAL HEADS		X
4	STRAIN POLE		X
LUMP	PREEMPTION EQUIPMENT	X	
LUMP	SIGNAL CABLES		X
2	PULL BOX		X

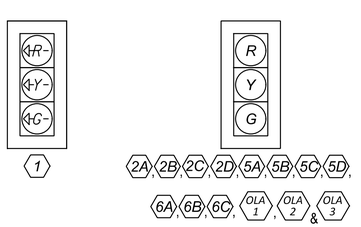


MAST ARM SIGNS



D3-1-76 (A) | R10-11c-30 (B) | R10-10L-30 (C) | R10-11-24 (D)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. SIGNAL HEADS 2A, 2B, 2C, 2D, OLA 1, OLA 2 & OLA 3 SHALL PROVIDED WITH CUTAWAY TYPE VISORS.
4. SIGNAL HEADS 1, 5A, 5B, 5C 5D, 6A, 6B & 6C SHALL BE PROVIDED WITH LOUVERS AND TUNNEL VISORS.

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"	●	○
TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS	●	○
TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"	●	○
LUMINAIRE, CONVENTIONAL	●	
SIGNAL SUPPORT POLE	◉	◎
PEDESTAL SUPPORT	⊡	
CONTROLLER CABINET AND WORK PAD (332)	⊠	⊠
PULL BOX	TR LT TR E	
DILEMMA ZONE RADAR DETECTION UNIT	D	
STOP-LINE RADAR DETECTION UNIT	S	
DETECTION ZONE	▨	
GPS PREEMPTION RECEIVING UNIT	▟	
PREEMPTION CONFIRMATION LIGHT	!	

NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. SEE ITS PLANS (SHEET P.1429) FOR RELOCATED CCTV CAMERA DETAILS.
4. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
5. IT IS THE INTENT OF THE PROJECT TO RETAIN THE EXISTING POWER SOURCE LOCATION TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 256 / IR 70 EB RAMPS

DESIGN AGENCY
GPD GROUP®

DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1395 TOTAL P.2024

FAI/LIC-IR 70-00/0.00

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SIGNAL TIMING CHART

INTERSECTION: SR 256 / IR 70 EB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN: ALL-RED FLASH			OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6			PHASES			Ø1	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	-	SEB	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	-	10	20	-	-
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	-	3.0	3.0	-	-
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	10	60	-	-	30	60	-	-
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	3.7	4.6	-	-	4.3	4.6	-	-
ALL RED CLEARANCE		(SEC.)	2.5	1.0	-	-	1.0	1.0	-	-
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	-	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

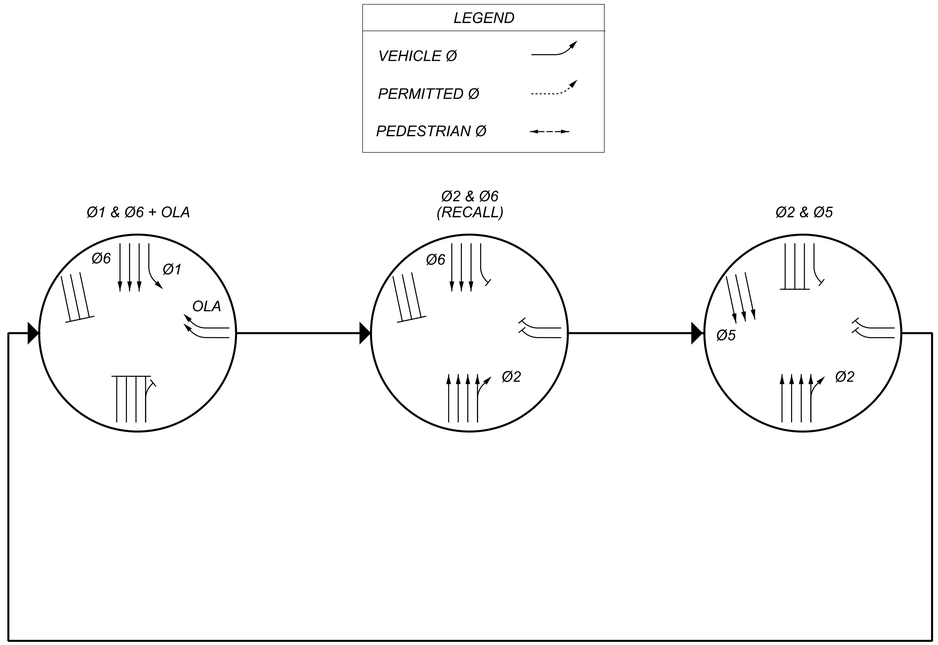
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø5), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(5) (SOUTHEASTBOUND ONLY)
CHANNEL 3 = Ø(1+6) (SOUTHBOUND ONLY)
CHANNEL 4 = (OLA) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	-	STOP LINE	8 X 40
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2D	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2E	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2F	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2G	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2H	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	SEB CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6D	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6E	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6F	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZOLA1	WB RIGHT CALL	PRESENCE	Ø1	10	STOP LINE	8 X 40
RDZOLA2	WB RIGHT CALL	PRESENCE	Ø1	-	STOP LINE	8 X 40

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

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REVIEWER KMG 07/31/26
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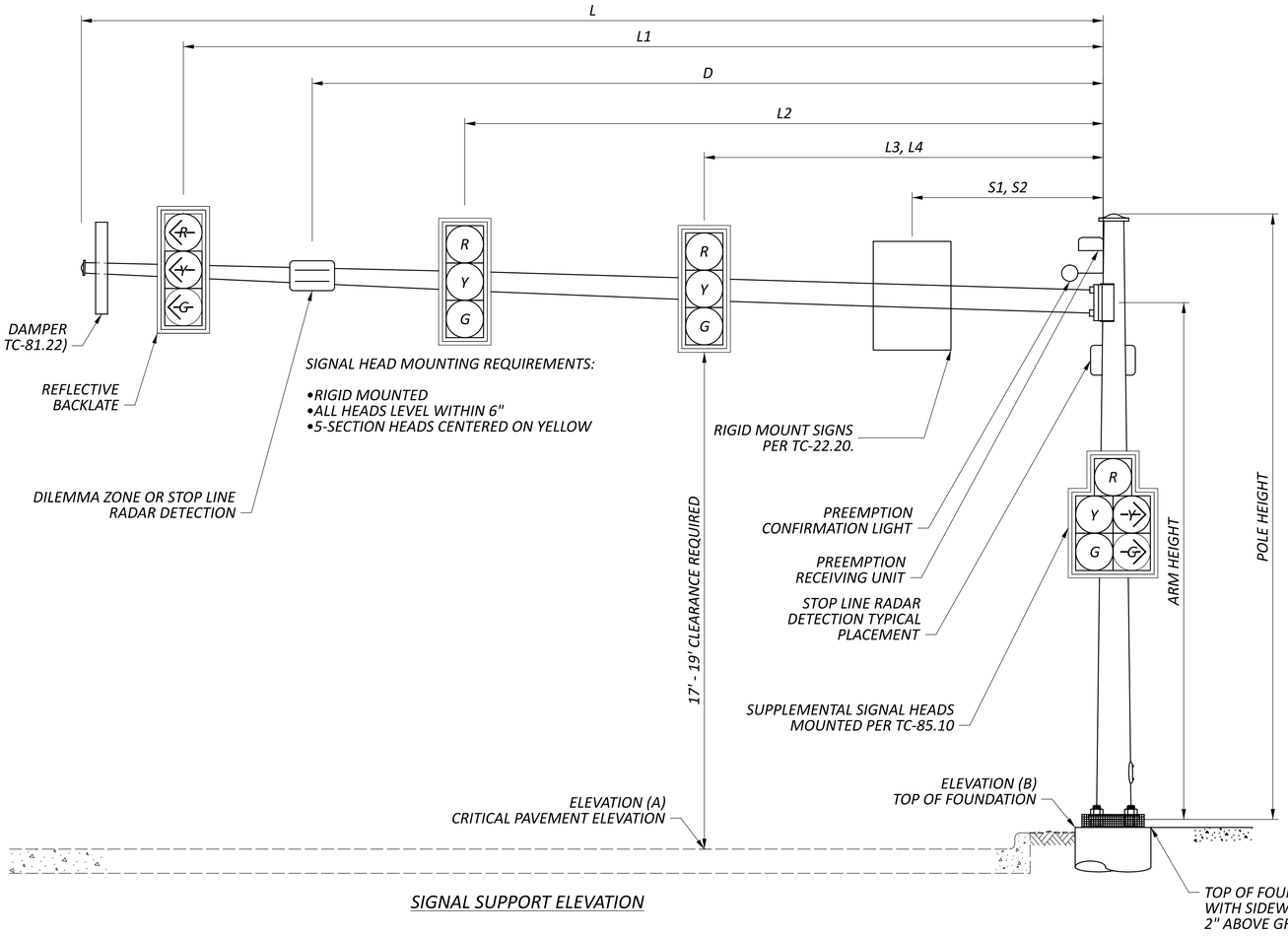
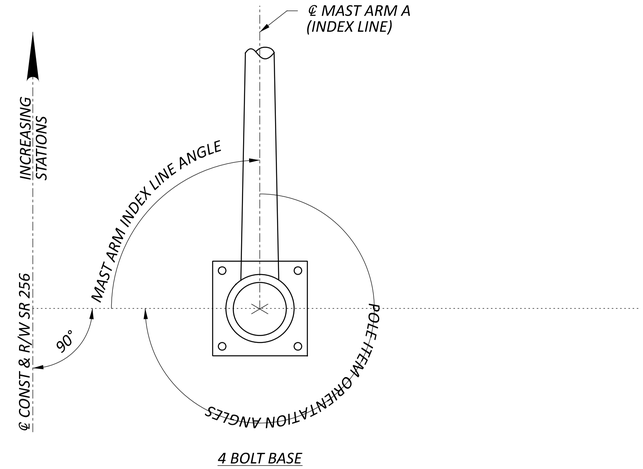


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	ARM DESIGNATION	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ANGLES (DEG.) FROM INDEX LINE			
				A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D1	S1	S2	MAST ARM B	SUPPLEMENTAL SIGNAL HEAD	HANDHOLE	POWER SERVICE
				FT	FT			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG
SP-1	A	19+13.1	87.1' LT.	845.68	842.3	TC-12.31	10	27.5	22.5	53	50	37	24	-	-	43.5	30.5	350	-	275	180	-
	B			842.44					19.5	25	22	3.5	-	-	-	12.5	6.5		90	-	-	-
SP-2	-	17+93.8	68.5' LT.	845.35	843.53	TC-81.22	14	26	21	70	67	59	48.5	38	69	64	-	0	-	-	180	-
SP-3	-	19+73.8	68.8' RT.	846.17	844.89	TC-81.22	14	25.5	20.5	57	53.5	42.5	34	25	56	-	-	0	-	-	180	180

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

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DESIGNER
BCT

REVIEWER
KMG 07/31/26

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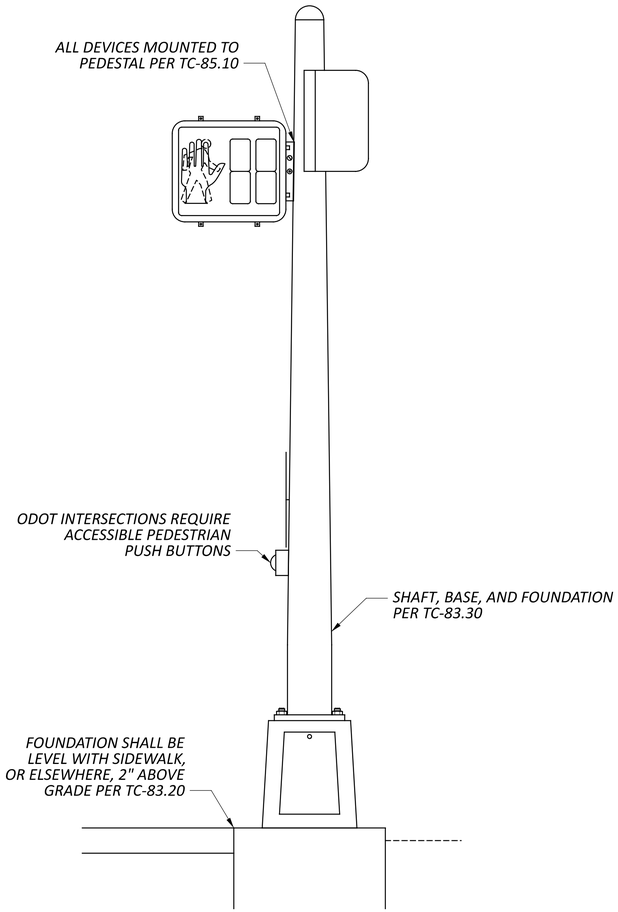
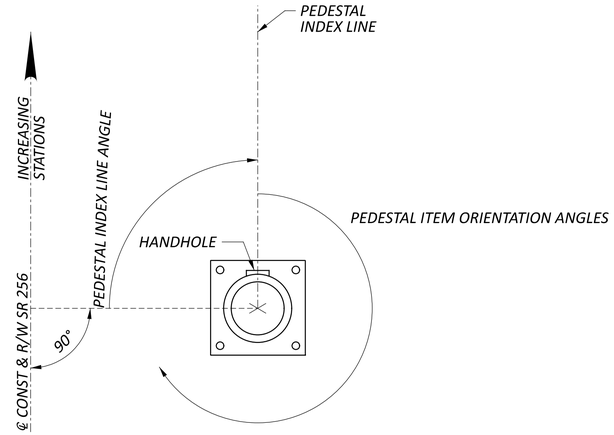


PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
							PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	19+25.5	96.2' RT.	845.33	14.4	YES	180	-	-	0

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

DESIGN AGENCY
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DESIGNER
BCT

REVIEWER
KMG 07/31/26

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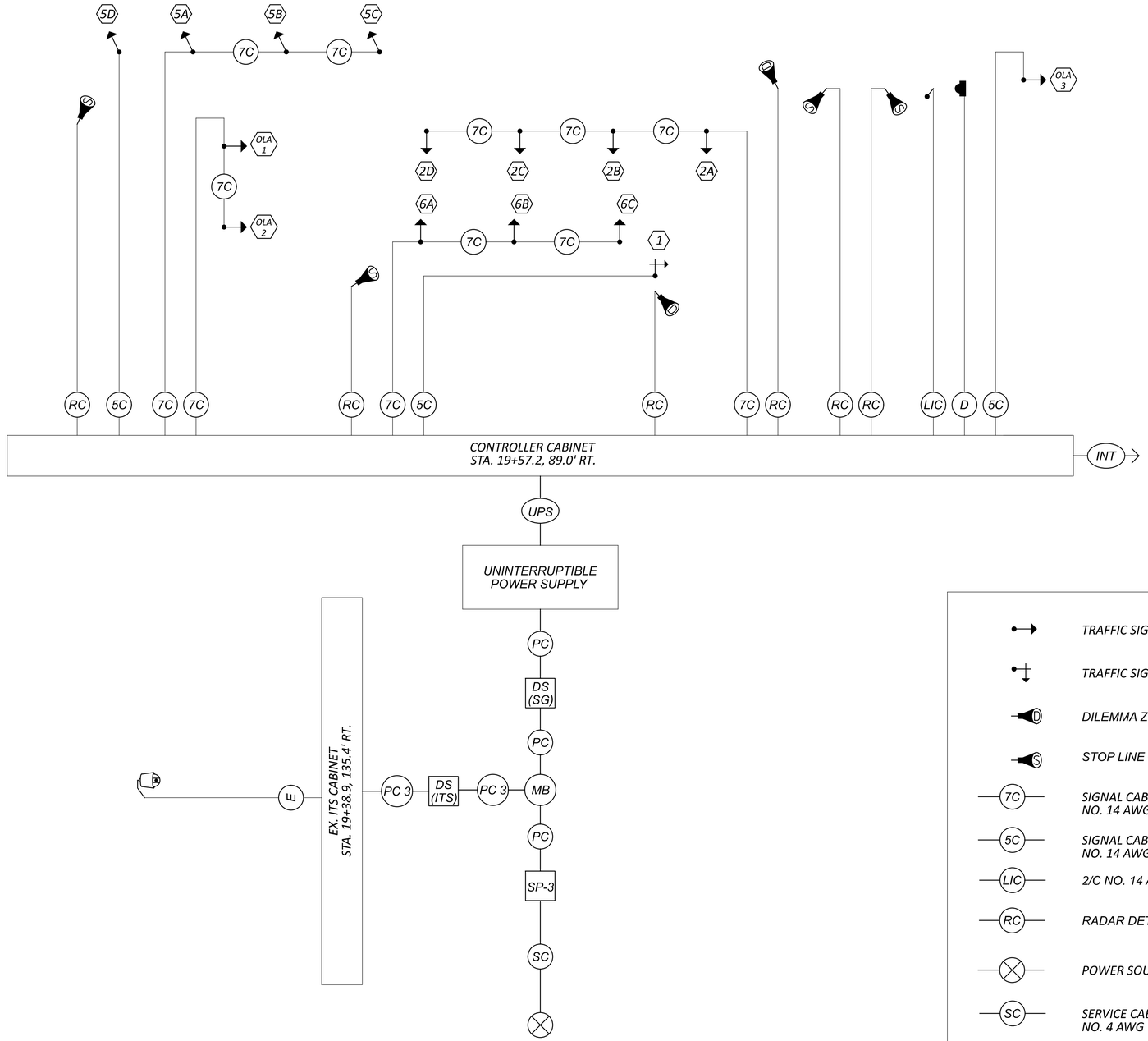
WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	<--R---	Φ1 R	R
	<--Y---	Φ1 Y	
	<--G---	Φ1 G	
2A, 2B, 2C, 2D (NB)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
5A, 5B, 5C, 5D (SEB)	R	Φ5 R	R
	Y	Φ5 Y	
	G	Φ5 G	
6A, 6B (SB)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
OLA1, OLA2, OLA3 (WB)	R	Φ1 R / LS 9 R	R
	Y	Φ1 Y / LS 9 Y	
	G	Φ1 G / LS 9 G	

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- PC 3 — POWER CABLE, 3 CONDUCTOR NO. 6 AWG
- INT — INTERCONNECT CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- DS (ITS) — ITS DISCONNECT SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- E — ETHERNET CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT
- WRONG WAY DETECTION CCTV

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 EB RAMPS

DESIGN AGENCY
GPD GROUP
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DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1399
TOTAL	P.2024

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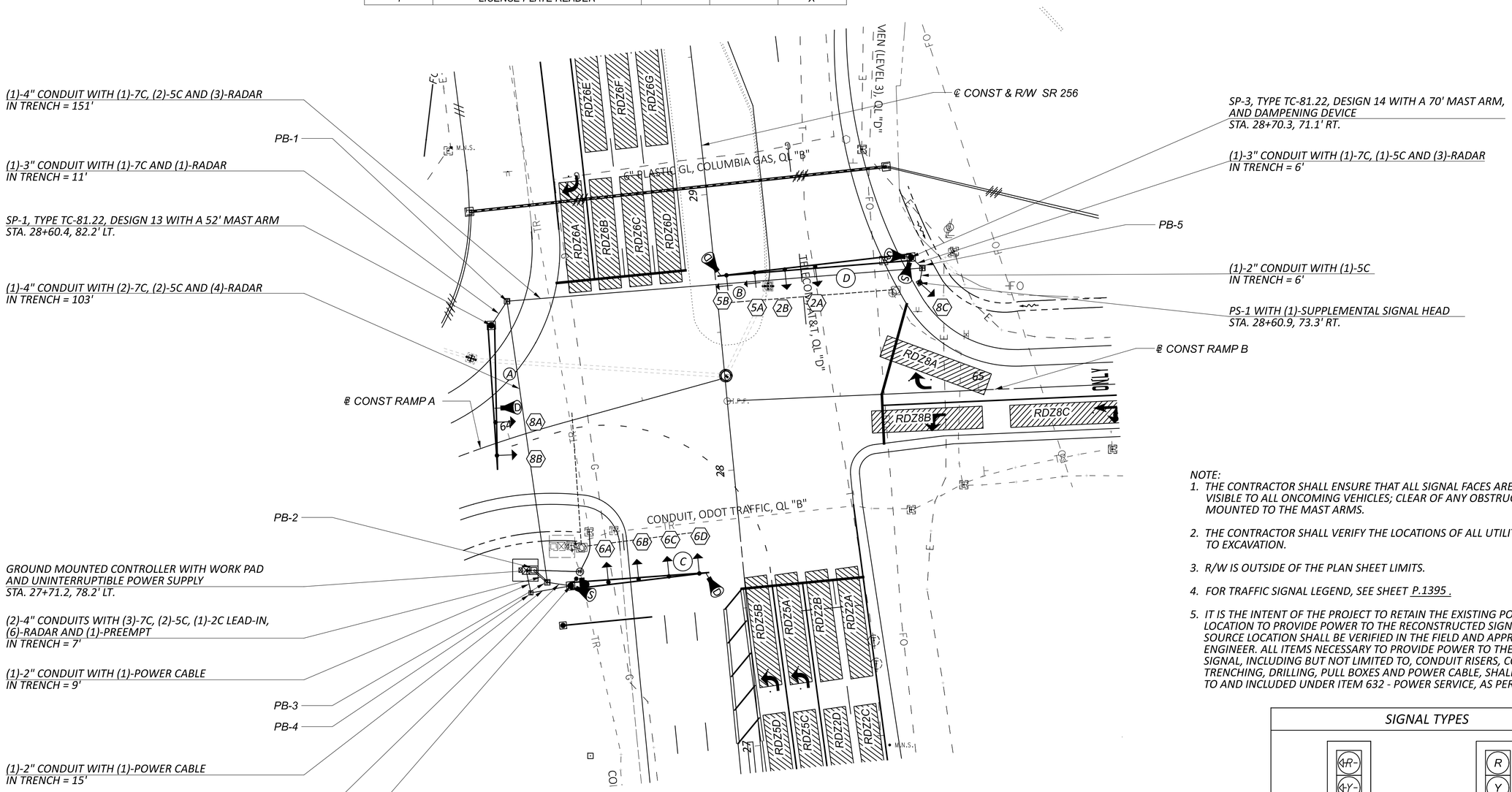
PULLBOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	28+68.6	LT.	75.7'	24 X 24
PB-2	27+70.9	LT.	75.4'	24 X 24
PB-3	27+66.1	LT.	71.0'	24 X 24
PB-4	27+62.8	LT.	77.2'	18 X 18
PB-5	28+66.1	RT.	74.8'	24 X 24

REMOVAL CHART

QUANTITY	REMOVAL ITEM DESCRIPTION	DELIVERED	DISPOSED	REUSE
1	GROUND MOUNTED CABINET		X	
1	UNINTERRUPTIBLE POWER SUPPLY	X		
1	CONTROLLER	X		
9	VEHICULAR SIGNAL HEADS		X	
LUMP	SIGNAL CABLES		X	
2	SIGNAL SUPPORTS AND MAST ARMS		X	
LUMP	PREEMPTION EQUIPMENT	X		
9	PULL BOX		X	
1	LICENSE PLATE READER			X



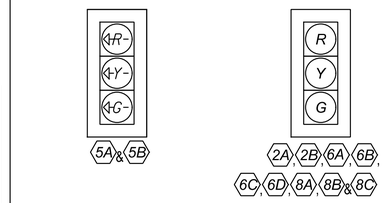
NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
4. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1395 .
5. IT IS THE INTENT OF THE PROJECT TO RETAIN THE EXISTING POWER SOURCE LOCATION TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

MAST ARM SIGNS



D3-1-76 (A) | R10-10L-30 (B) | R3-2-36 (C) | R3-1-36 (D)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.
4. SIGNAL HEAD 8C SHALL BE OPTICALLY PROGRAMMED.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 256 / IR 70 WB RAMPS

DESIGN AGENCY
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DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1400 TOTAL P.2024

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SIGNAL TIMING CHART

INTERSECTION: SR 256 / IR 70 WB RAMPS									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION									
START UP			DUAL ENTRY: YES		PHASES:			2 & 6	
			REST IN RED:		RING 1	-		RING 2	-
START IN: ALL-RED FLASH			OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6			PHASES			-	-	-	-
COLOR DISPLAYED: GREEN									
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	-	60	-	-	10	60	-	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	-	4.7	-	-	3.5	4.7	-	5.3
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.9	1.0	-	1.0
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	-	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	-	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

EMERGENCY PREEMPT CHANNELS

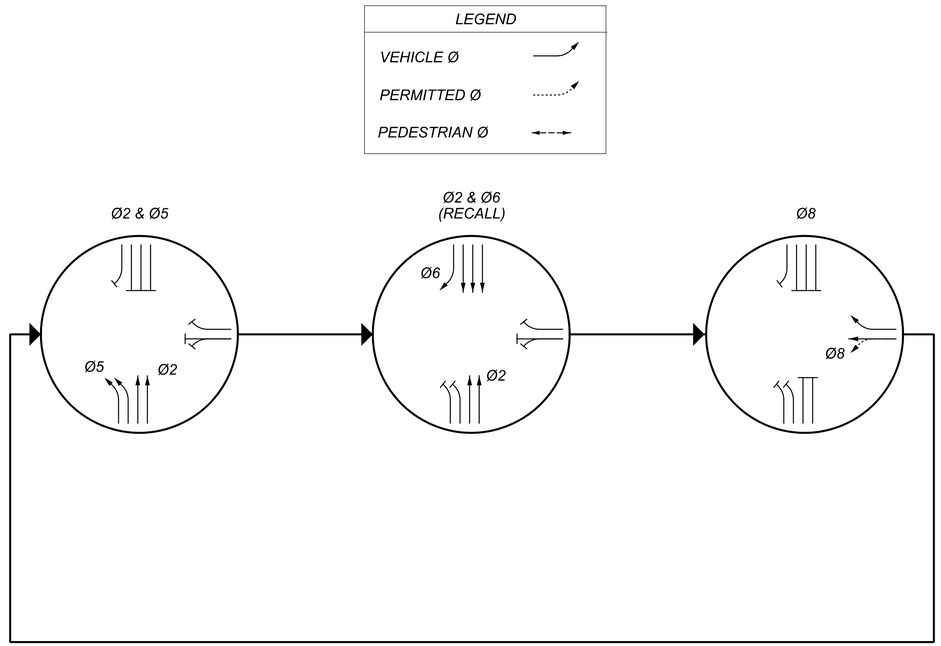
CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 4 = Ø(8) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

PHASING DIAGRAM



RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ5D	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ6A	SB RIGHT CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6D	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6E	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6F	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6G	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40
RDZ8C	WB CALL	PULSE	Ø8	-	ADVANCE	MAX

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1401 TOTAL P.2024

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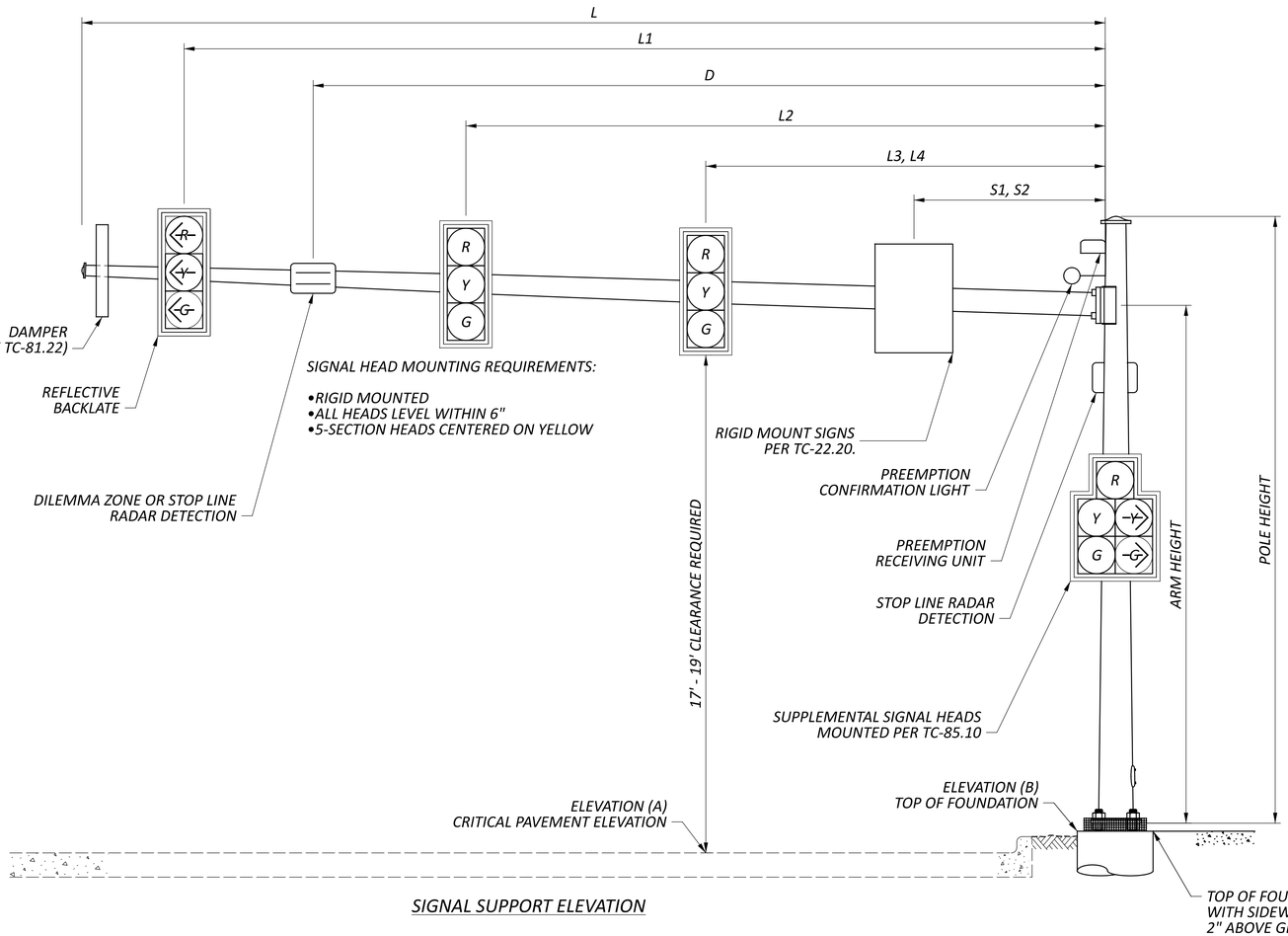
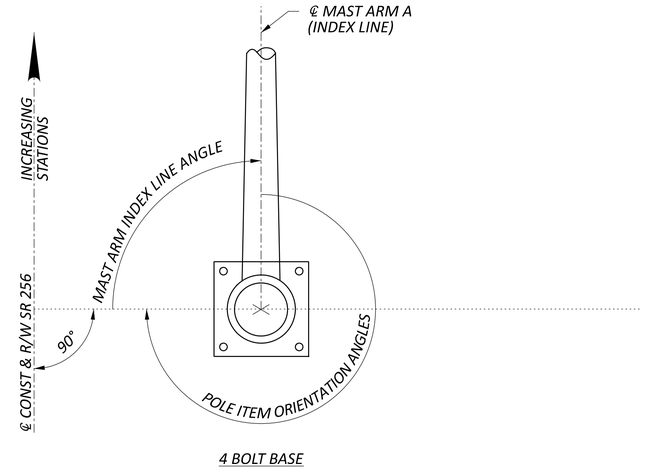


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE	
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D	S1	S2	HANDHOLE	POWER SERVICE
			FT	FT			FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG
SP-1	28+60.4	82.2' LT.	853.51	852.17	TC-81.22	13	25.5	20.5	52	47	35	-	-	30	17.5	-	90	90	-
SP-2	27+64.0	62.7' LT.	853.22	852.40	TC-81.22	14	25	20	50	46.5	35.5	24.5	13.5	49	41	-	0	180	180
SP-3	28+70.3	71.1' RT.	856.60	855.31	TC-81.22	14	25	20	70	67	57	46	35	69	62	31	0	90	-

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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PROJECT ID 96808
SHEET P.1402 TOTAL P.2024

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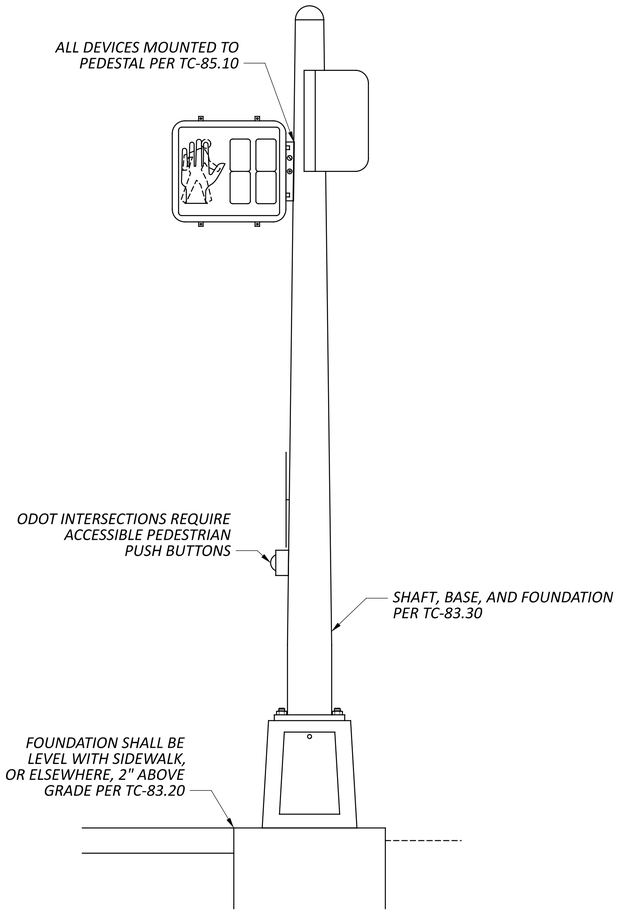
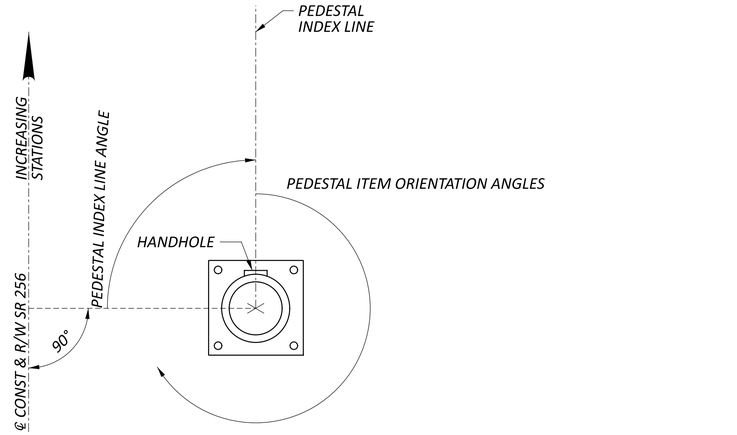


PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
							PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	28+60.9	73.3' RT.	854.17	14.4	YES	90	-	-	140

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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PROJECT ID 96808
SHEET P.1403 TOTAL P.2024

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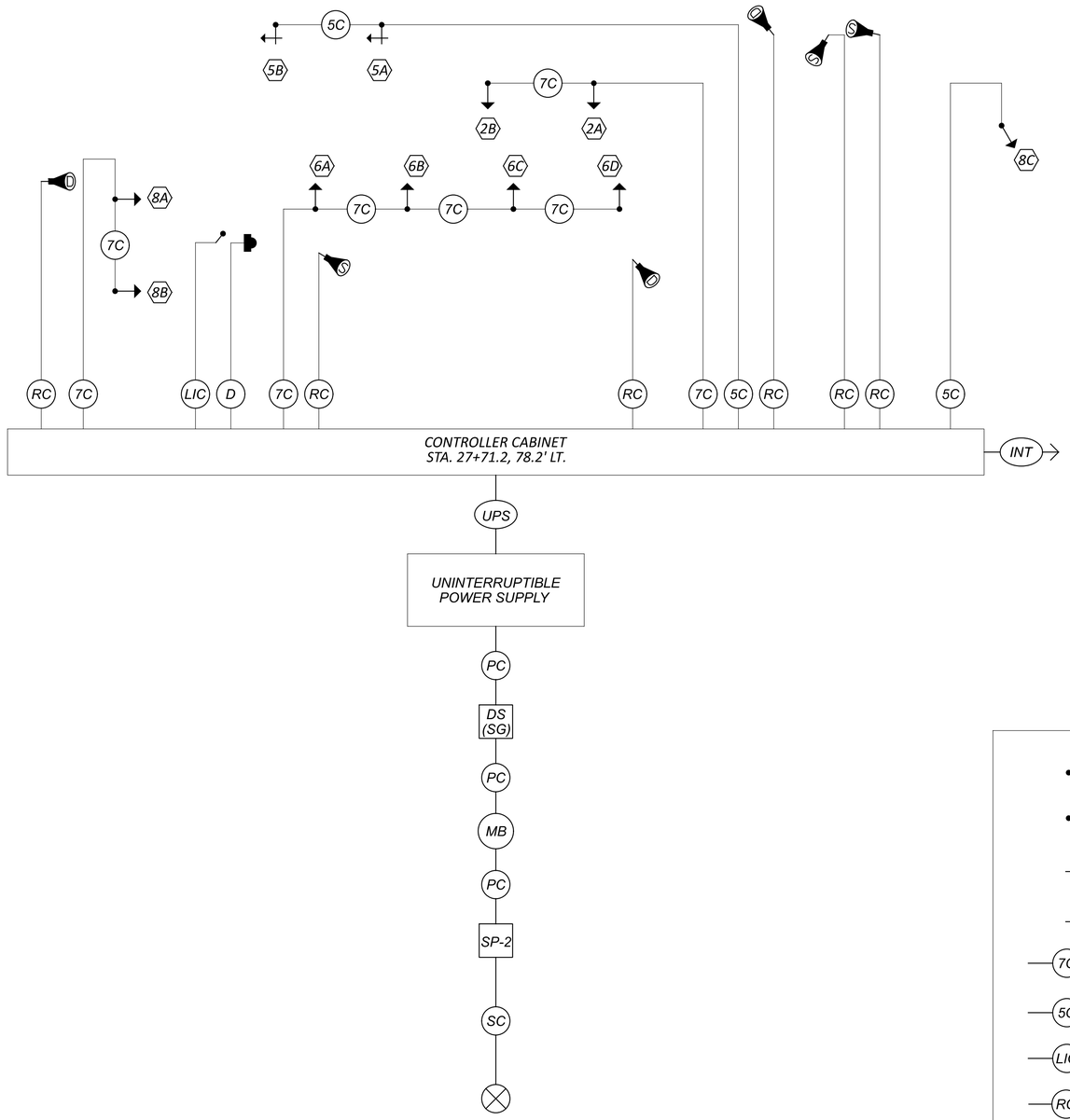
WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B	R	Φ2 R	R
	Y	Φ2 Y	
(NB)	G	Φ2 G	
5A, 5B	<--R---	Φ5 R	R
	<--Y---	Φ5 Y	
(NB LT)	<--G---	Φ5 G	
6A, 6B, 6C, 6D	R	Φ6 R	R
	Y	Φ6 Y	
(SB)	G	Φ6 G	
8A, 8B, 8C	R	Φ8 R	R
	Y	Φ8 Y	
(WB)	G	Φ8 G	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- INT — INTERCONNECT CABLE
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- SP X — SIGNAL SUPPORT POLE NO. __
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
SR 256 / IR 70 WB RAMPS

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1404 TOTAL P.2024

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PULL BOX TABLE

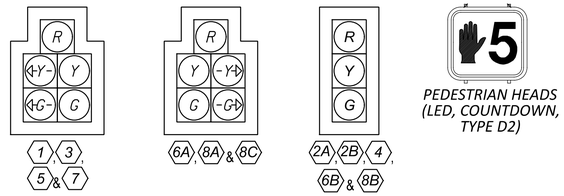
PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	41+95.7	LT.	51.2'	24 X 24
PB-2	41+97.8	LT.	49.5'	18 X 18
PB-3	41+78.8	RT.	36.0'	18 X 18
PB-4	41+76.2	RT.	38.8'	24 X 24
PB-5	43+13.3	LT.	81.2'	18 X 18
PB-6	43+10.8	LT.	75.1'	24 X 24
PB-7	43+19.9	LT.	68.1'	24 X 24
PB-8	43+17.4	LT.	66.0'	18 X 18
PB-9	42+96.9	RT.	37.1'	18 X 18
PB-10	42+99.2	RT.	40.1'	24 X 24

PEDESTRIAN SIGNS

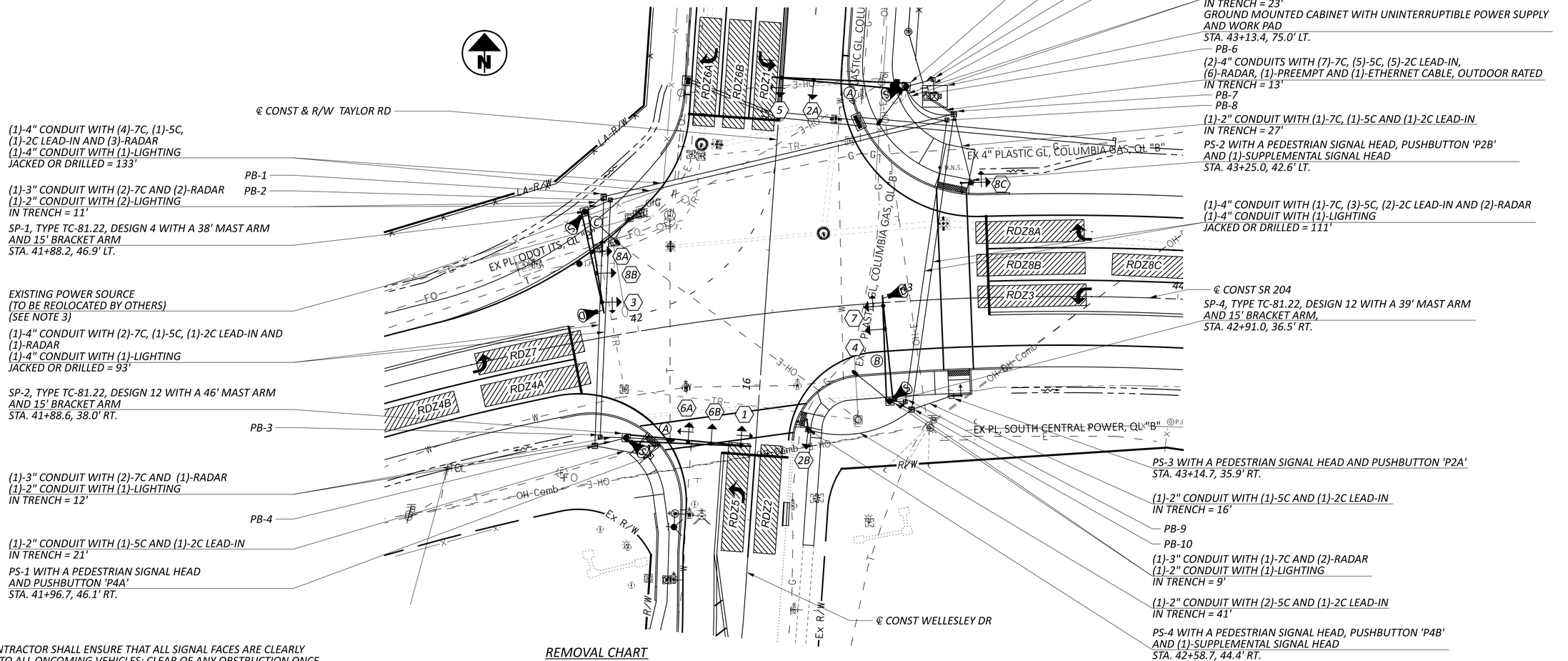


R10-3E-9
1 - LEFT ARROWS (PS-1)
3- RIGHT ARROWS (PS-2, PS-3, PS-4)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.



(1)-4" CONDUIT WITH (4)-7C, (1)-5C, (1)-2C LEAD-IN AND (3)-RADAR
(1)-4" CONDUIT WITH (1)-LIGHTING
JACKED OR DRILLED = 133'

(1)-3" CONDUIT WITH (2)-7C AND (2)-RADAR
(1)-2" CONDUIT WITH (2)-LIGHTING
IN TRENCH = 11'

SP-1, TYPE TC-81.22, DESIGN 4 WITH A 38' MAST ARM AND 15' BRACKET ARM
STA. 41+88.2, 46.9' LT.

EXISTING POWER SOURCE
(TO BE REOLOCATED BY OTHERS)
(SEE NOTE 3)

(1)-4" CONDUIT WITH (2)-7C, (1)-5C, (1)-2C LEAD-IN AND (1)-RADAR
(1)-4" CONDUIT WITH (1)-LIGHTING
JACKED OR DRILLED = 93'

SP-2, TYPE TC-81.22, DESIGN 12 WITH A 46' MAST ARM AND 15' BRACKET ARM
STA. 41+88.6, 38.0' RT.

(1)-3" CONDUIT WITH (2)-7C AND (1)-RADAR
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 12'

(1)-2" CONDUIT WITH (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 21'

PS-1 WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON 'P4A'
STA. 41+96.7, 46.1' RT.

SP-3, TYPE TC-81.22, DESIGN 13 WITH A 50' MAST ARM, 15' BRACKET ARM, GPS PREEMPTION RECEIVING UNIT CONFIRMATION LIGHT AND RELOCATED PTZ CAMERA
STA. 43+04.0, 79.1' LT.

(1)-2" CONDUIT WITH (1)-POWER CABLE
IN TRENCH = 11'

(1)-2" CONDUIT WITH (1)-POWER CABLE
IN TRENCH = 7'

(1)-3" CONDUIT WITH (1)-7C, (1)-2C LEAD-IN, (1)-RADAR, (1)-PREEMPT AND (1)-ETHERNET CABLE, OUTDOOR RATED
(1)-3" CONDUIT WITH (2)-LIGHTING
IN TRENCH = 23'
GROUND MOUNTED CABINET WITH UNINTERRUPTIBLE POWER SUPPLY AND WORK PAD
STA. 43+13.4, 75.0' LT.

(2)-4" CONDUITS WITH (7)-7C, (5)-5C, (5)-2C LEAD-IN, (6)-RADAR, (1)-PREEMPT AND (1)-ETHERNET CABLE, OUTDOOR RATED
IN TRENCH = 13'

(1)-2" CONDUIT WITH (1)-7C, (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 27'

PS-2 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P2B' AND (1)-SUPPLEMENTAL SIGNAL HEAD
STA. 43+25.0, 42.6' LT.

(1)-4" CONDUIT WITH (1)-7C, (3)-5C, (2)-2C LEAD-IN AND (2)-RADAR
(1)-4" CONDUIT WITH (1)-LIGHTING
JACKED OR DRILLED = 111'

℄ CONST SR 204

SP-4, TYPE TC-81.22, DESIGN 12 WITH A 39' MAST ARM AND 15' BRACKET ARM,
STA. 42+91.0, 36.5' RT.

PS-3 WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON 'P2A'
STA. 43+14.7, 35.9' RT.

(1)-2" CONDUIT WITH (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 16'

(1)-3" CONDUIT WITH (1)-7C AND (2)-RADAR
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 9'

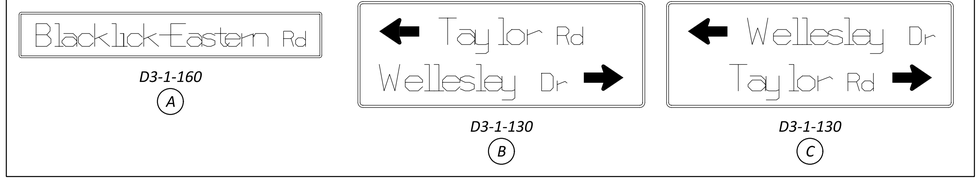
(1)-2" CONDUIT WITH (2)-5C AND (1)-2C LEAD-IN
IN TRENCH = 41'

PS-4 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P4B' AND (1)-SUPPLEMENTAL SIGNAL HEAD
STA. 42+58.7, 44.4' RT.

NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. IT IS THE INTENT OF THE PROJECT TO UTILIZE THE RELOCATED POWER SOURCE TO PROVIDE POWER TO THE RECONSTRUCTED SIGNAL. THE POWER SOURCE LOCATION SHALL BE DETERMINED BY AEP AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.
4. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1395 .

REMOVAL CHART

MAST ARM SIGNS



D3-1-160 (A)
D3-1-130 (B)
D3-1-130 (C)

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

DESIGN AGENCY
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DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1405 TOTAL P.2024

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SIGNAL TIMING CHART

INTERSECTION:			BLACKLICK-EASTERN ROAD NW (SR 204) / TAYLOR ROAD / WELLESLEY DRIVE						
MAINTAINING AGENCY:			OHIO DEPARTMENT OF TRANSPORTATION						
START UP			DUAL ENTRY: YES		PHASES:			2, 4, 6, 8	
			REST IN RED:		RING 1	-		RING 2	-
START IN:		ALL-RED FLASH	OVERLAP			A	B	C	D
TIME FOR: FLASH , ALL RED (SEC.):		9, 6							
FIRST PHASE(S):		Ø2 & Ø6							
COLOR DISPLAYED:		GREEN	PHASES			Ø1	Ø7	-	-
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	WB LT	EB	NB LT	SB	EB LT	WB
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	7	10	7	20	7	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	10	60	10	30	10	60	10	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	4.2	5.1	3.8	4.7	4.2	5.1	3.8	4.7
ALL RED CLEARANCE		(SEC.)	1.7	1.0	2.5	1.0	1.7	1.0	2.5	1.0
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	7	-	7	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	14	-	11	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.

- ENABLE Ø1, 3 AND Ø5, 7 DETECTOR SWITCHING TO ALLOW Ø1 AND Ø5 TO EXTEND Ø2 AND Ø6 OR Ø3 AND Ø7 TO EXTEND Ø4 AND Ø8, RESPECTIVELY, WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4I-4.

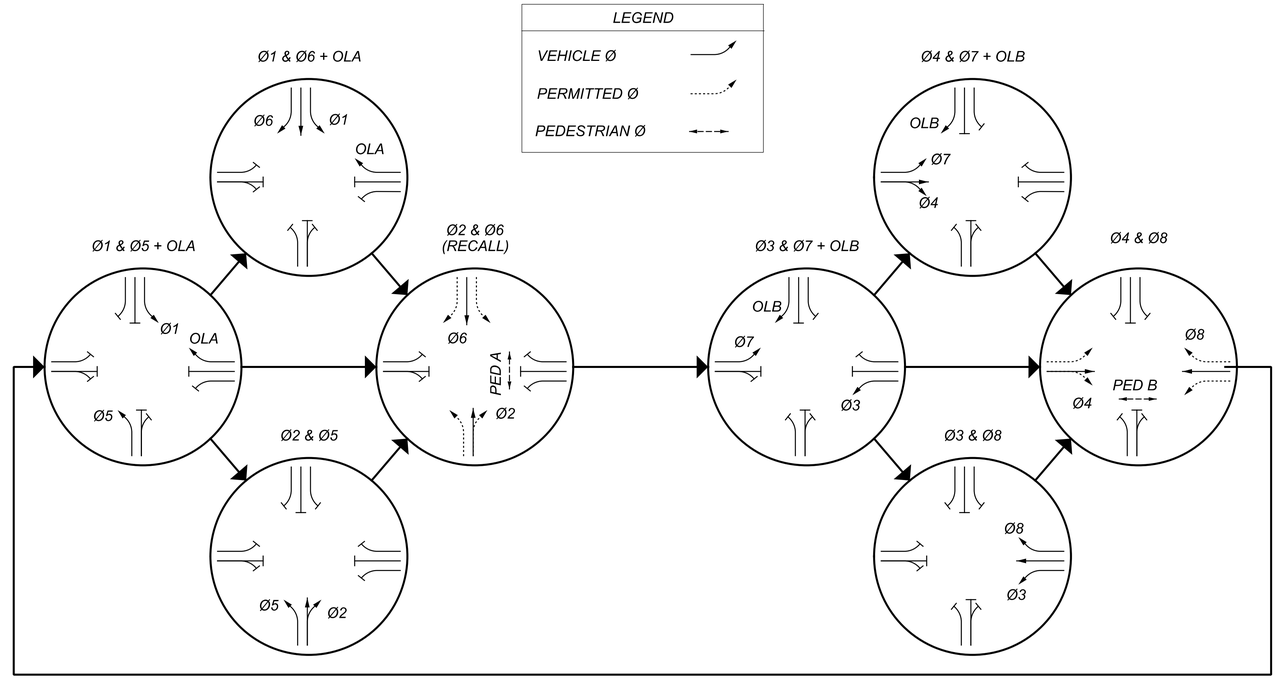
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4 & Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(1+6) (SOUTHOUND ONLY)
CHANNEL 3 = Ø(3 +8) (WESTBOUND ONLY)
CHANNEL 4= Ø(4+7) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	5	STOP LINE	8 X 40
RDZ2	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ3	WB LEFT CALL	PRESENCE	Ø3	-	STOP LINE	8 X 40
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PULSE	Ø4	-	ADVANCE	MAX
RDZ5	NB LEFT CALL	PRESENCE	Ø5	5	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ7	EB LEFT CALL	PRESENCE	Ø7	-	STOP LINE	8 X 40
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40
RDZ8C	WB CALL	PULSE	Ø8	-	ADVANCE	MAX

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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PROJECT ID 96808
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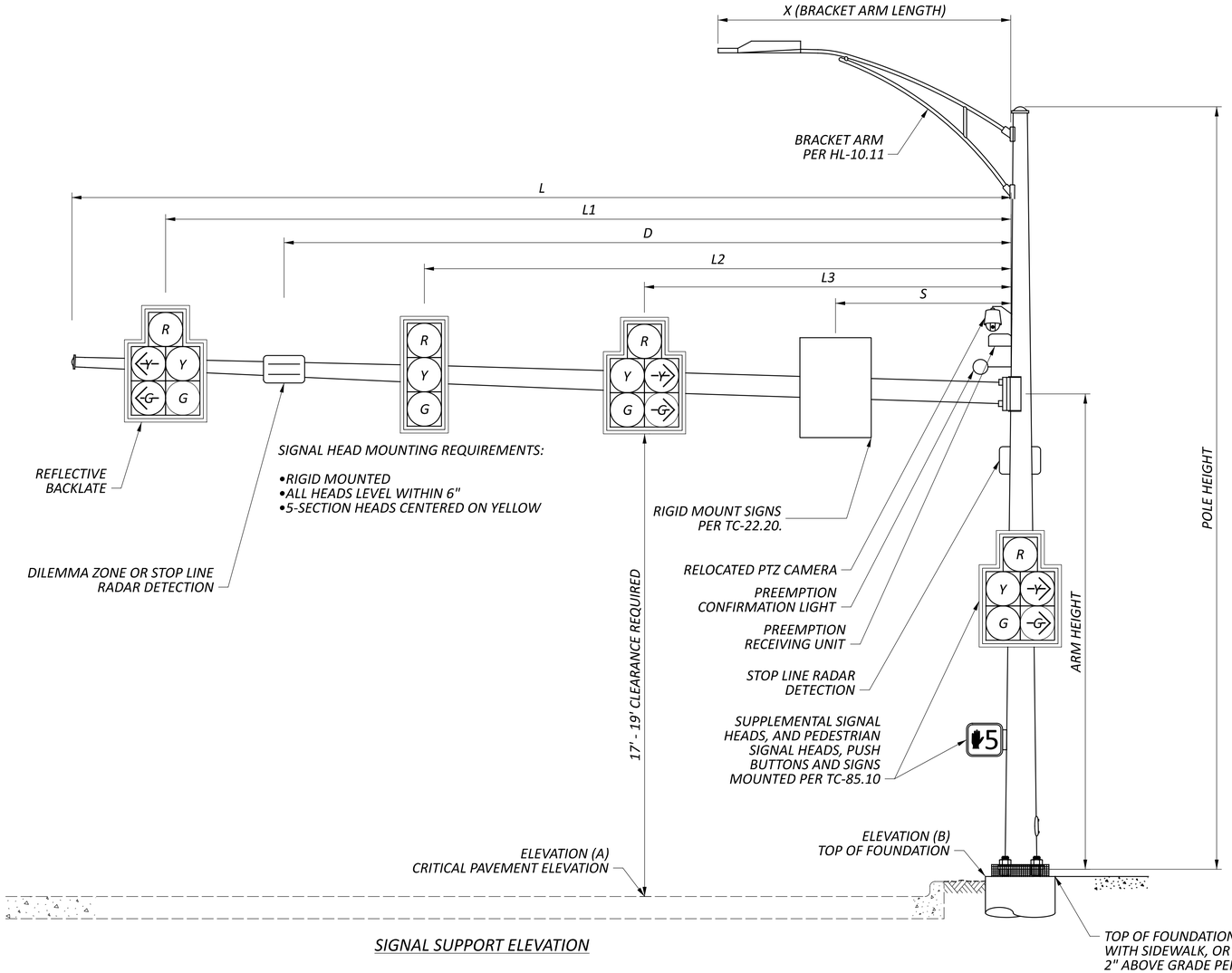
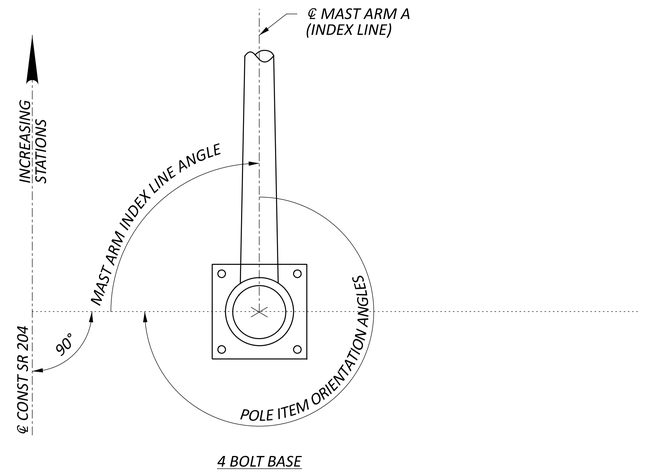


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	D	S	X		HANDHOLE	BRACKET ARM	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG
SP-1	41+88.2	46.9' LT.	914.01	913.55	TC-81.22	4	30	20.5	38	34	23	15	37	7	15	0	90	324	-
SP-2	41+88.6	38.0' RT.	911.72	912.40	TC-81.22	12	30	19	46	42.5	31.5	23	-	11.5	15	105	90	359	-
SP-3	43+04.0	79.1' LT.	915.11	916.97	TC-81.22	13	30	17.5	50	46	34.5	-	-	17	15	95	180	303	180
SP-4	42+91.0	36.5' RT.	912.99	912.27	TC-81.22	12	30	20.5	39	35.5	26.5	-	38	13.5	15	0	180	313	-

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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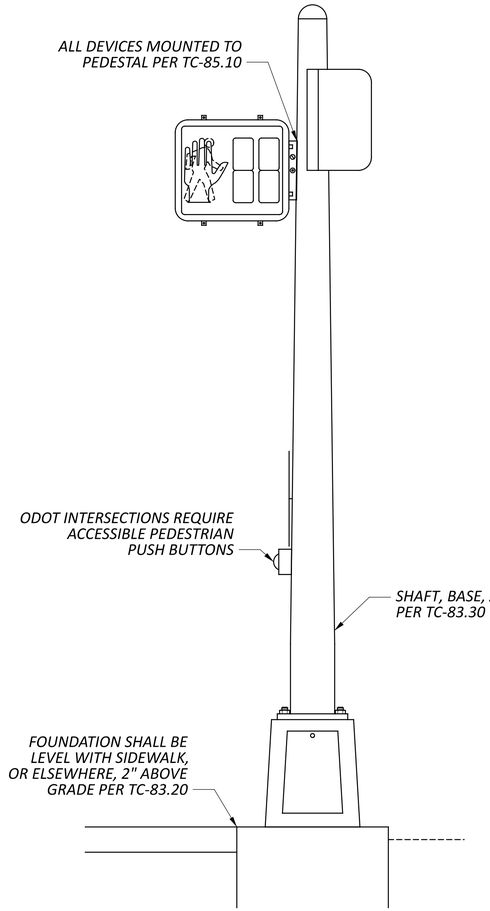
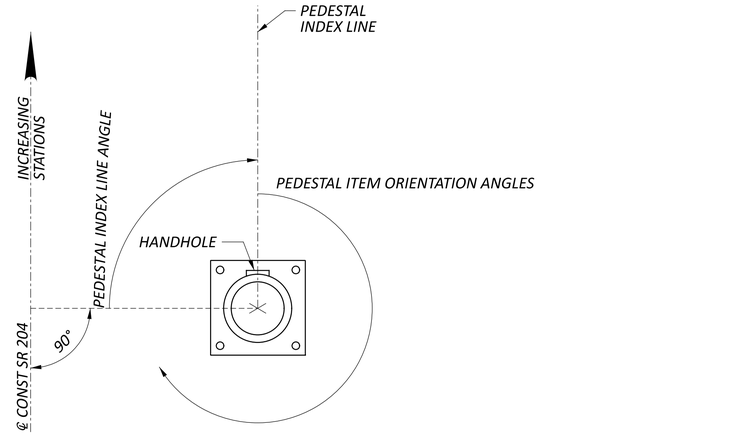


PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	DESIGN TYPE	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
								PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	41+96.7	46.1' RT.	911.82	-	10.7	YES	180	180	180	-
PS-2	43+25.0	42.6' LT.	914.70	HL-10.13	17.5	YES	180	270	270	90
PS-3*	43+14.7	35.9' RT.	912.08	-	10.7	YES	180	270	270	-
PS-4	42+58.7	44.4' RT.	912.04	-	17.5	YES	90	270	270	105

*FOUNDATION SHALL BE INTEGRAL WITH THE CURB.

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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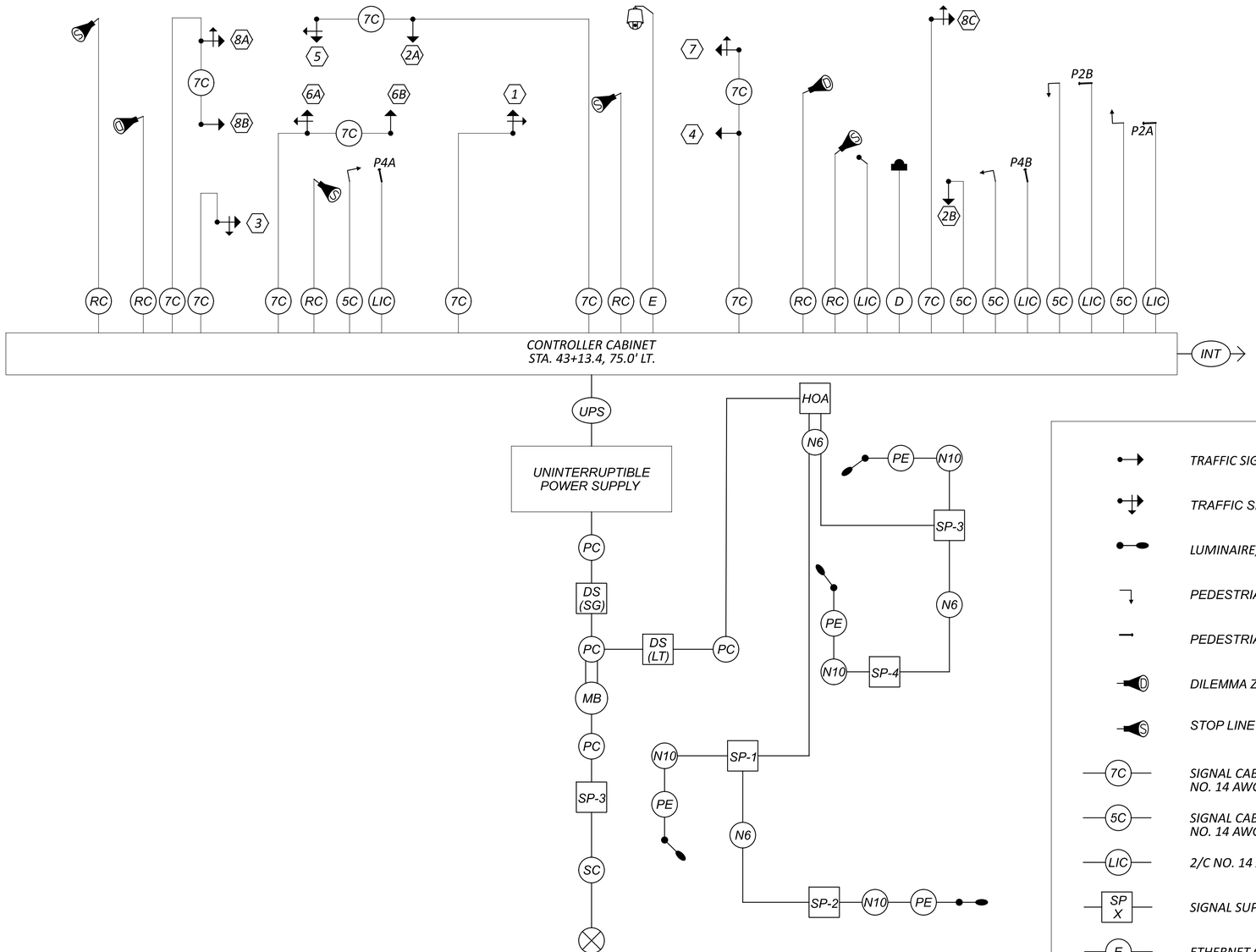
WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH	SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	R	Φ6 R	R	6A (SB RT)	R	Φ6 R	R
	Y	Φ6 Y			Y	Φ6 Y	
	G	Φ6 G			G	Φ6 G	
	<--Y---	Φ1 Y			---Y-->	Φ7 Y / LS 14 Y	
	<--G---	Φ1 G			---G-->	Φ7 G / LS 14 G	
2A, 2B (NB)	R	Φ2 R	R	6B (SB)	R	Φ6 R	R
	Y	Φ2 Y			Y	Φ6 Y	
	G	Φ2 G			G	Φ6 G	
3 (WB LT)	R	Φ8 R	R	7 (EB LT)	R	Φ4 R	R
	Y	Φ8 Y			Y	Φ4 Y	
	G	Φ8 G			G	Φ4 G	
	<--Y---	Φ3 Y			<--Y---	Φ7 Y	
	<--G---	Φ3 G			<--G---	Φ7 G	
4 (EB)	R	Φ4 R	R	8A, 8C (WB RT)	R	Φ8 R	R
	Y	Φ4 Y			Y	Φ8 Y	
	G	Φ4 G			G	Φ8 G	
5 (NB LT)	R	Φ2 R	R		---Y-->	Φ1 Y / LS 13 Y	
	Y	Φ2 Y			---G-->	Φ1 G / LS 13 G	
	G	Φ2 G		8B (WB)	R	Φ8 R	R
	<--Y---	Φ5 Y			Y	Φ8 Y	
	<--G---	Φ5 G			G	Φ8 G	
PEDESTRIAN MOVEMENTS				OVERLAPS			
PED A	W	Φ2 PED / LS 9 G	OUT	OLA	---Y-->	Φ1 Y / LS 13 Y	OUT
	DW	Φ2 PED / LS 9 R			---G-->	Φ1 G / LS 13 G	
PED B	W	Φ4 PED / LS 10 G	OUT	OLB	---Y-->	Φ7 Y / LS 14 Y	OUT
	DW	Φ4 PED / LS 10 R			---G-->	Φ7 G / LS 14 G	
LS = LOAD SWITCH							

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 5 UNIT HEAD, 12"
- LUMINAIRE, CONVENTIONAL
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- SP X — SIGNAL SUPPORT POLE NO. __
- E — ETHERNET CABLE
- PE — PHOTOELECTRIC CELL
- N10 — NO. 10 AWG POLE & BRACKET CABLE
- N6 — NO. 6 AWG DISTRIBUTION CABLE
- INT — INTERCONNECT CABLE
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- DS (LT) — LIGHTING DISCONNECT SWITCH
- HOA — HAND / OFF / AUTO SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
SR 204 (BLACKLICK-EASTERN ROAD NW) / TAYLOR ROAD / WELLESLEY DRIVE

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REVIEWER KMG 07/31/26
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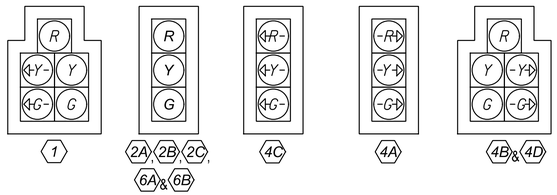
SIGNAL TYPES

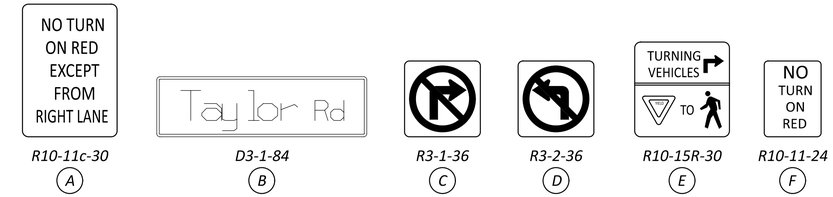




PEDESTRIAN HEADS (LED, COUNTDOWN, TYPE D2)

1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

MAST ARM SIGNS



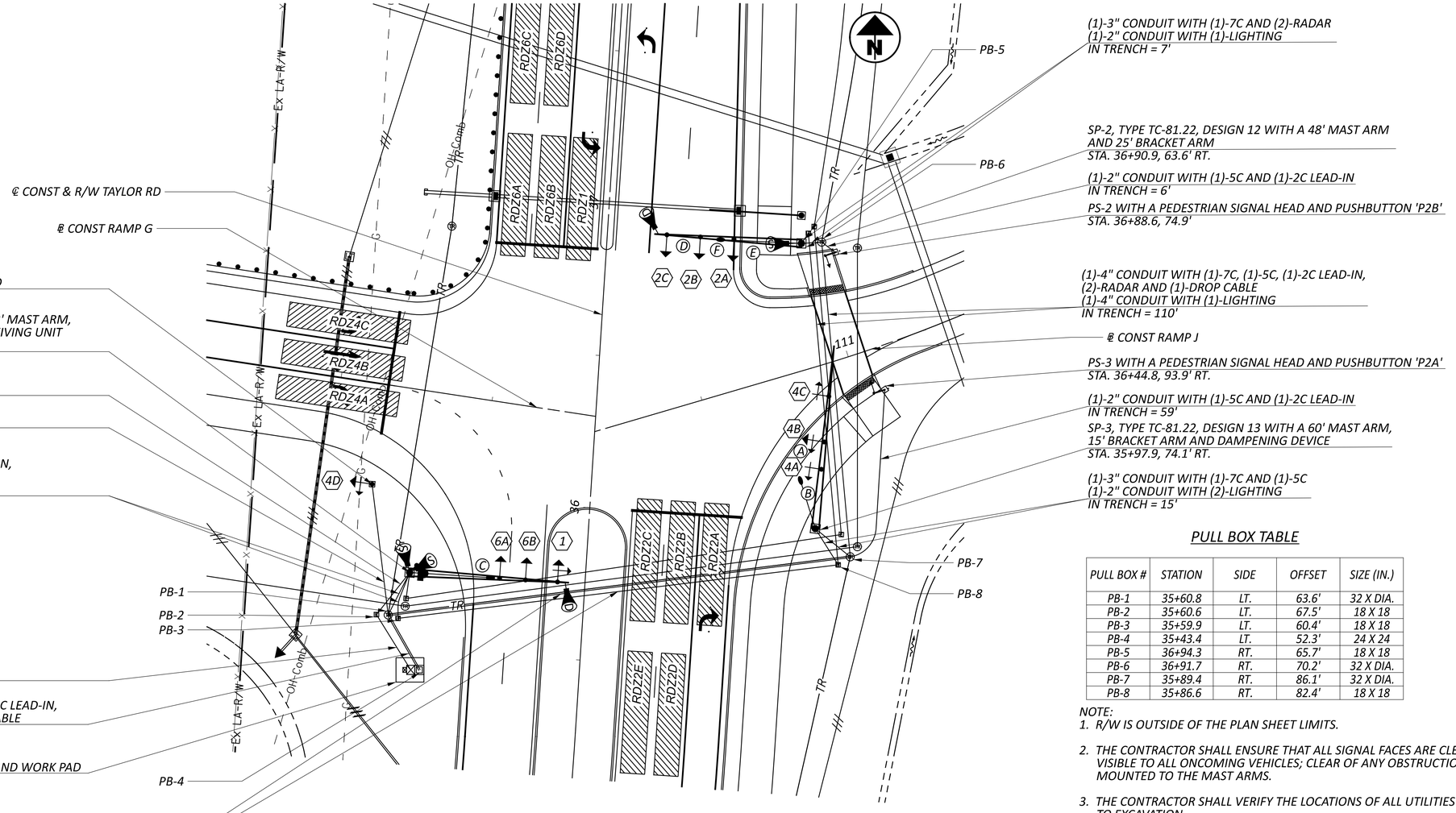
R10-11c-30 (A) | D3-1-84 (B) | R3-1-36 (C) | R3-2-36 (D) | R10-15R-30 (E) | R10-11-24 (F)

PEDESTRIAN SIGNS



R10-3E-9

1 - LEFT ARROW (PS-3)
1- RIGHT ARROW (PS-2)



PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	35+60.8	LT.	63.6'	32 X DIA.
PB-2	35+60.6	LT.	67.5'	18 X 18
PB-3	35+59.9	LT.	60.4'	18 X 18
PB-4	35+43.4	LT.	52.3'	24 X 24
PB-5	36+94.3	RT.	65.7'	18 X 18
PB-6	36+91.7	RT.	70.2'	32 X DIA.
PB-7	35+89.4	RT.	86.1'	32 X DIA.
PB-8	35+86.6	RT.	82.4'	18 X 18

NOTE:
1. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
2. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
3. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
4. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.
5. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1395 .

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / IR 70 EB RAMPS

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1410 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP004 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:03:27 PM USER: BCTondra
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SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / IR 70 EB RAMPS
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

OVERLAP	A	B	C	D
PHASES	-	-	-	-

INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			SB LT	NB	-	EB	-	SB	-	-
MINIMUM GREEN (INITIAL)		(SEC.)	7	20	-	10	-	20	-	-
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	3.0	3.0	-	3.0	-	3.0	-	-
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	10	60	-	30	-	60	-	-
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	4.4	5.4	-	4.4	-	5.4	-	-
ALL RED CLEARANCE		(SEC.)	1.5	1.0	-	1.0	-	1.0	-	-
DELAYED GREEN (LPI) '		(SEC.)	-	6	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	7	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	4	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.

- ENABLE Ø1 DETECTOR SWITCHING TO ALLOW Ø1 TO EXTEND Ø2 WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4I-4.

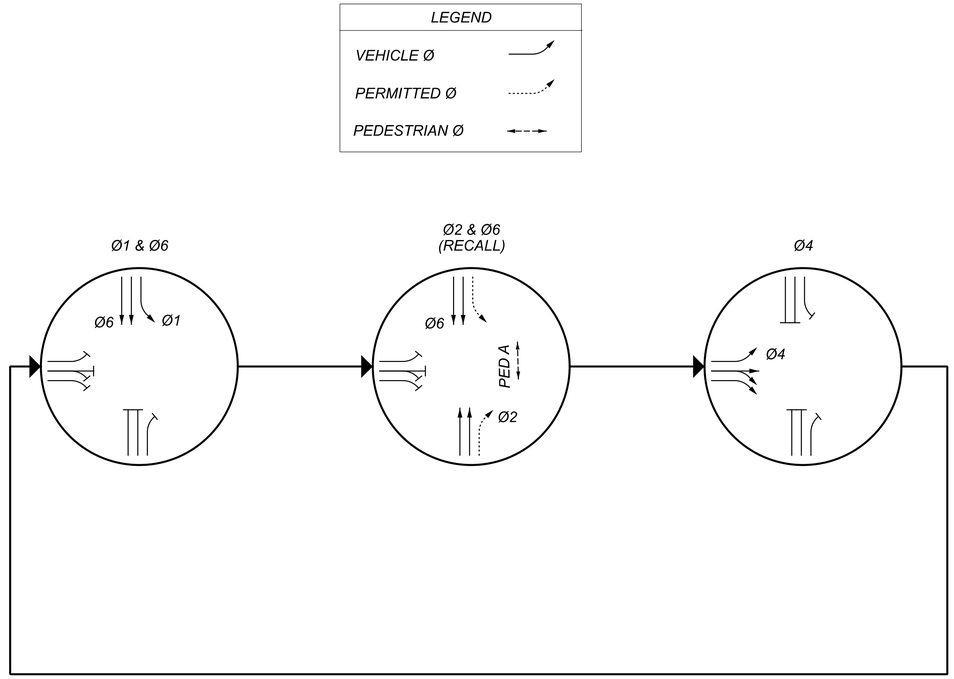
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

PHASING DIAGRAM



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(1+6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(4) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ1	SB LEFT CALL	PRESENCE	Ø1	5	STOP LINE	8 X 40
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2E	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ4C	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6D	SB CALL	PULSE	Ø6	-	ADVANCE	MAX

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1411 TOTAL P.2024

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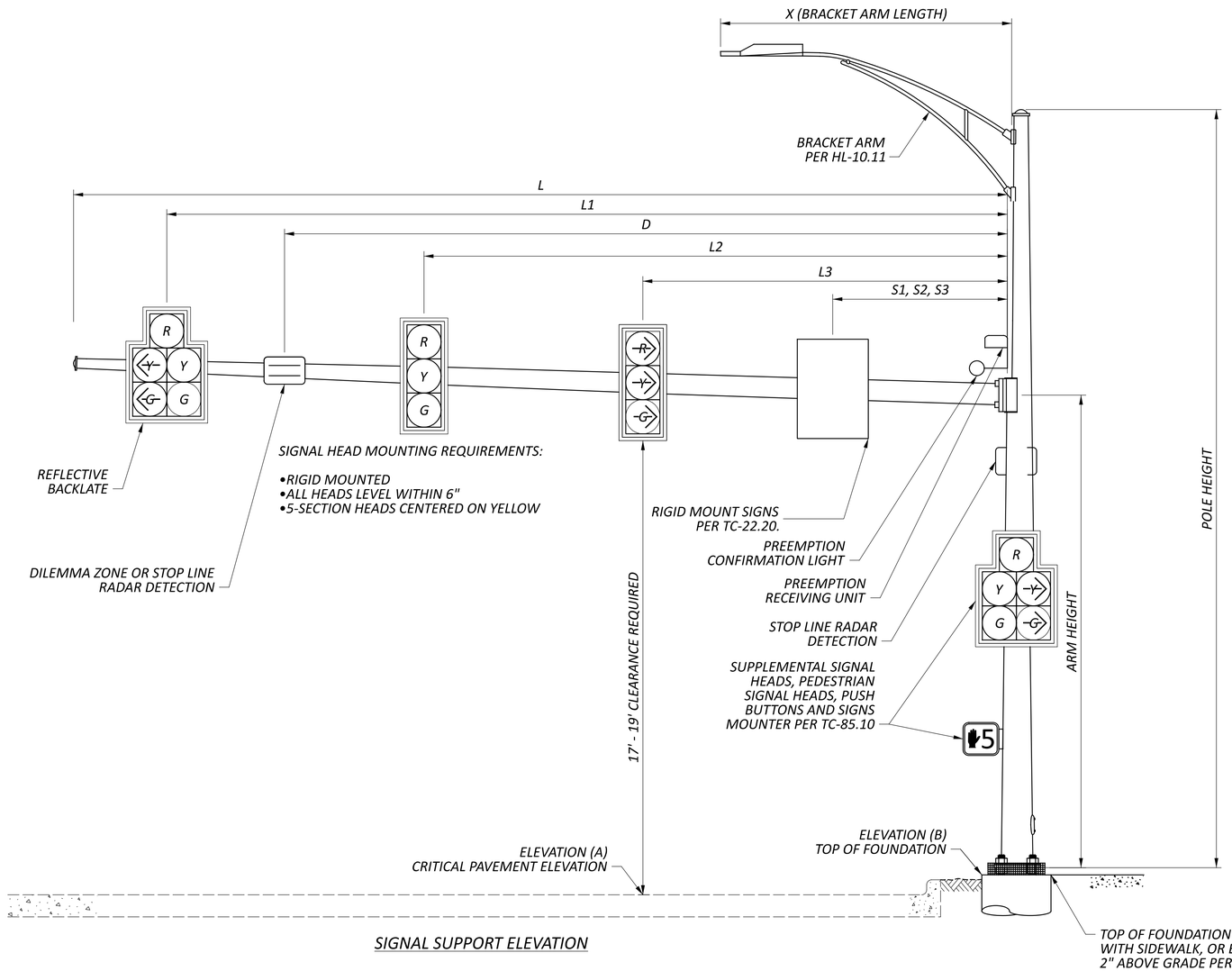
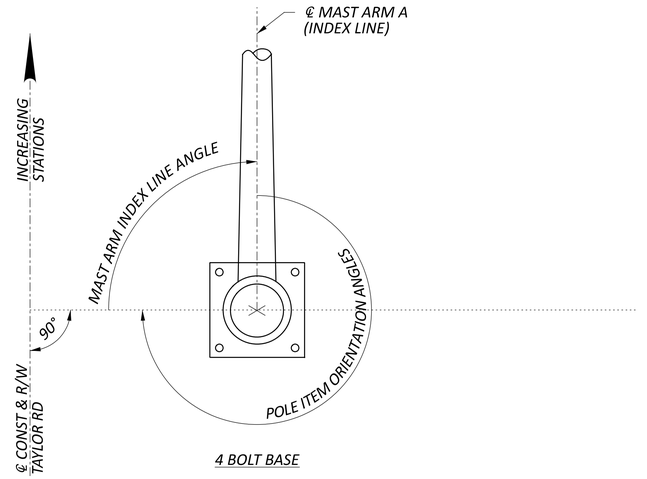


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS												MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	D	S1	S2	S3	X		HANDHOLE	BRACKET ARM	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG
SP-1	35+75.1	57.5' LT.	942.15	938.98	TC-81.22	13	30	22.5	52	48.5	38	29.5	51	26	-	-	25	0	180	0	90
SP-2	36+90.9	63.6' RT.	946.15	946.63	TC-81.22	12	30	19	48	44	33	22	47	38.5	27.5	18.5	25	0	180	359	-
SP-3	35+97.9	74.1' RT.	943.31	941.04	TC-81.22	13	30	22	60	43.5	28.5	19.5	-	24	9.5	-	15	90	90	337	-

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TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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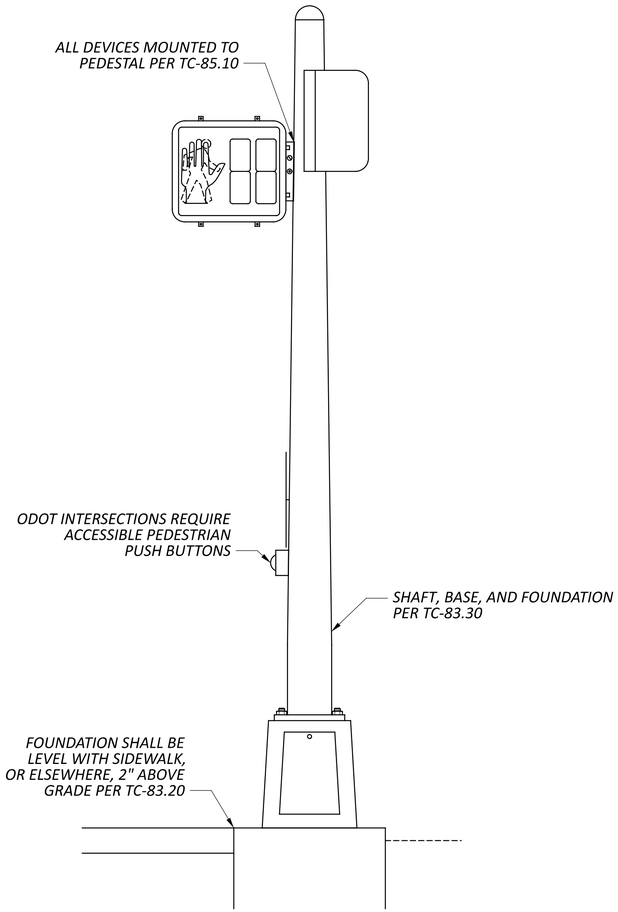
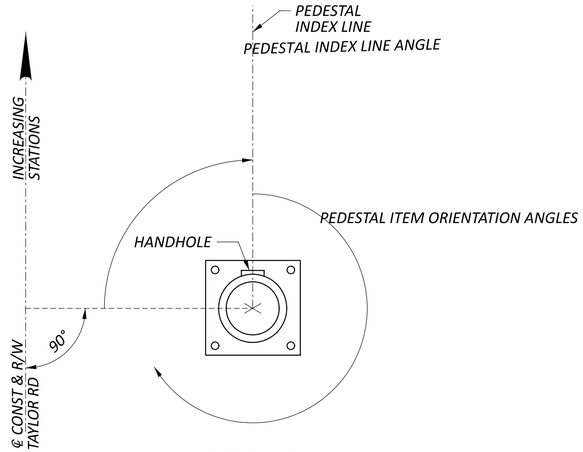
PROJECT ID 96808
SHEET P.1412 TOTAL P.2024



PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	DESIGN TYPE	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
								PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	36+03.2	71.6' LT.	941.37	HL-10.13	14.4	YES	180	-	-	5
PS-2*	36+88.6	74.9' RT.	944.38	-	10.7	YES	180	160	160	-
PS-3	36+44.8	93.9' RT.	943.54	-	10.7	YES	180	160	160	-

*PEDESTAL FOUNDATION SHALL BE INTEGRAL WITH THE CURB.

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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PROJECT ID 96808
SHEET P.1413 TOTAL P.2024

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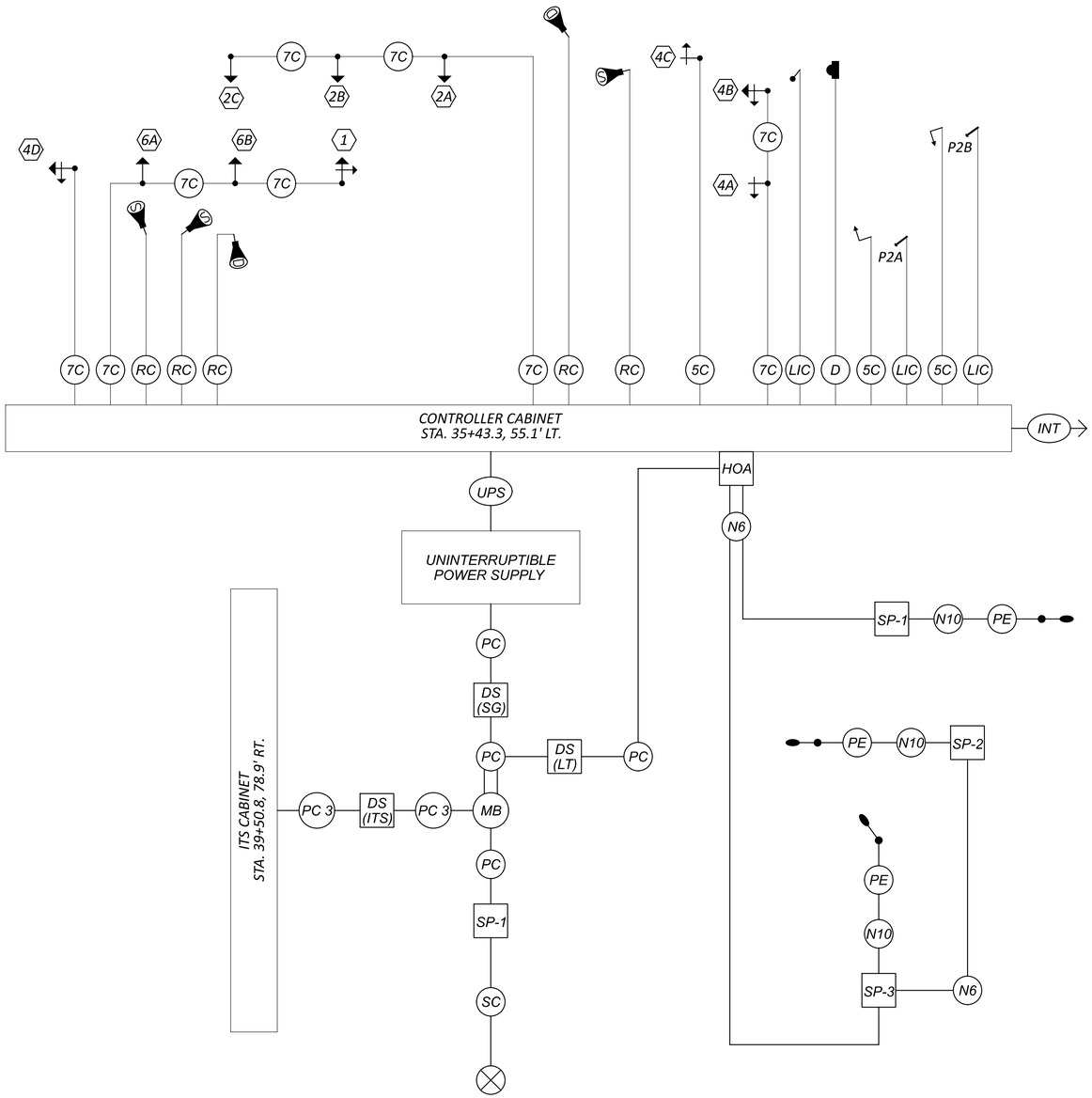
WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1 (SB LT)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
	<--Y---	Φ1 Y	
	<--G---	Φ1 G	
2A, 2B, 2C (NB)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
4A (EB)	---R-->	Φ4 R	R
	---Y-->	Φ4 Y	
	---G-->	Φ4 G	
4C (EB)	<--R---	Φ4 R	R
	<--Y---	Φ4 Y	
	<--G---	Φ4 G	
4B, 4D (EB)	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
	---Y-->	Φ4 Y	
	---G-->	Φ4 G	
6A, 6B (SB)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ2 PED / LS 9 G	OUT
	DW	Φ 2 PED / LS 9 R	
LS = LOAD SWITCH			

LEGEND

→	TRAFFIC SIGNAL, 3 UNIT HEAD, 12"	N10	NO. 10 AWG POLE & BRACKET CABLE
	TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS	N6	NO. 6 AWG DISTRIBUTION CABLE
	TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"	INT	INTERCONNECT CABLE
	PEDESTRIAN SIGNAL	RC	RADAR DETECTION CABLE
	PEDESTRIAN PUSH BUTTON		POWER SOURCE
D	DILEMMA ZONE RADAR DETECTION UNIT	SC	SERVICE CABLE, 2 CONDUCTOR, NO. 4 AWG
S	STOP LINE RADAR DETECTION UNIT	PC	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
7C	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	PC 3	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG
5C	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	MB	METER BASE
LIC	2/C NO. 14 AWG (LEAD-IN CABLE)	DS (SG)	SIGNAL DISCONNECT SWITCH
SP X	SIGNAL SUPPORT POLE NO. __	DS (ITS)	ITS DISCONNECT SWITCH
DS (LT)	LIGHTING DISCONNECT SWITCH	UPS	UNINTERRUPTIBLE POWER SUPPLY CABLE
HOA	HAND / OFF / AUTO SWITCH	D	PREEMPTION DETECTOR CABLE
PE	PHOTOELECTRIC CELL		GPS PREEMPTION RECEIVING UNIT
			PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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PROJECT ID 96808
SHEET P.1414 TOTAL P.2024

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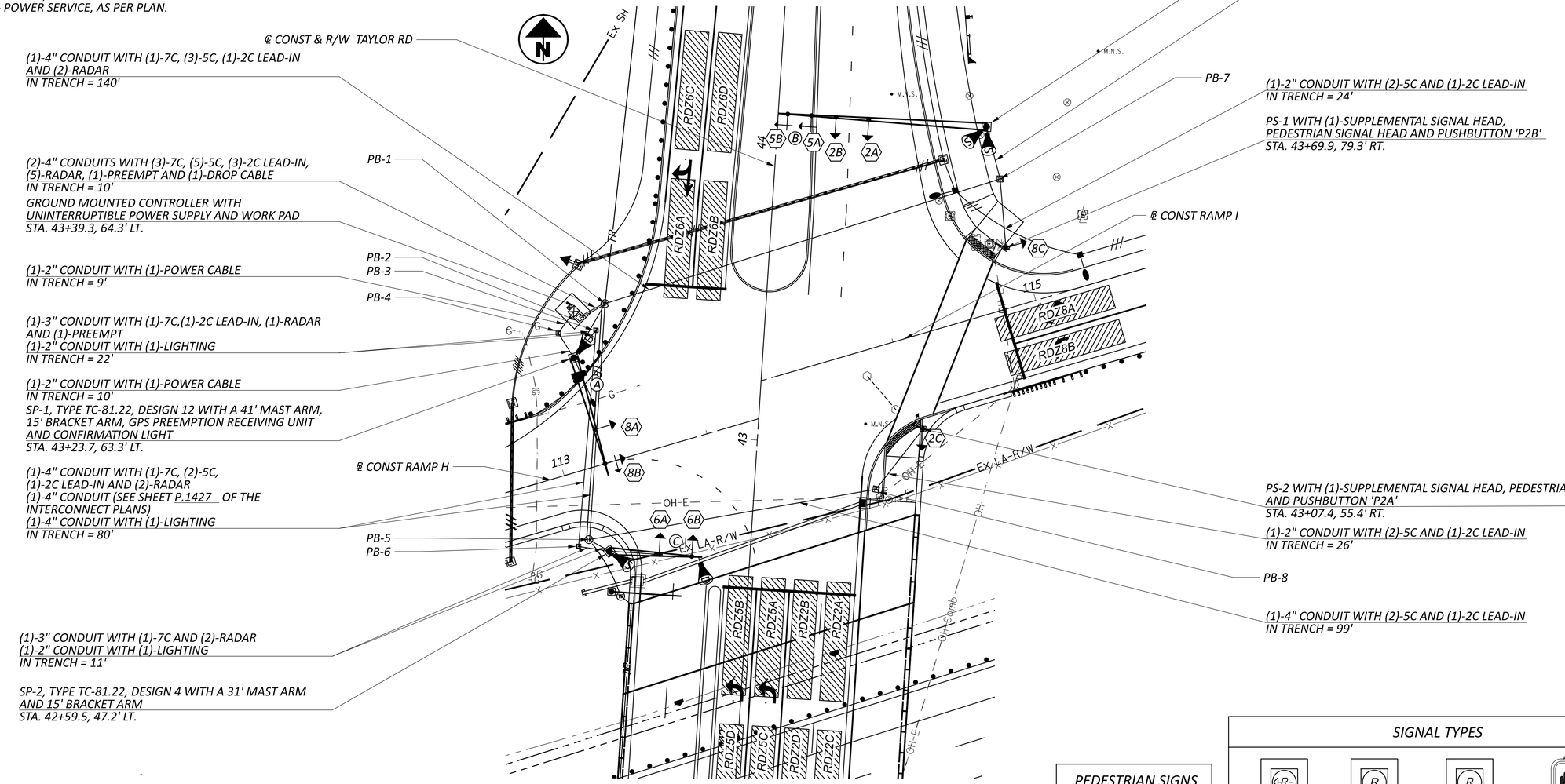
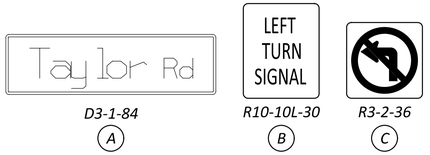
NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1395 .
4. R/W IS OUTSIDE OF THE PLAN SHEET LIMITS.
5. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.



PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	43+42.6	LT.	54.0'	32 X DIA.
PB-2	43+37.4	LT.	62.2'	24 X 24
PB-3	43+33.4	LT.	56.5'	18 X 18
PB-4	43+31.7	LT.	69.1'	18 X 18
PB-5	42+63.0	LT.	54.4'	32 X DIA.
PB-6	43+92.9	RT.	75.9'	24 X 24
PB-7	42+60.5	LT.	57.7'	18 X 18
PB-8	42+86.1	RT.	40.9'	24 X 24

MAST ARM SIGNS



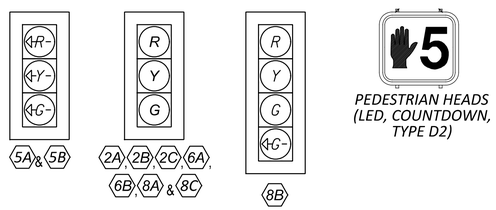
D3-1-84 (A) | R10-10L-30 (B) | R3-2-36 (C)

PEDESTRIAN SIGNS



R10-3E-9
1 - RIGHT ARROW (PS-1)
1 - LEFT ARROW (PS-2)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / IR 70 WB RAMPS

FAI/LIC-IR 70-0.00/0.00

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PROJECT ID 96808
SHEET P.1415 TOTAL P.2024

SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / IR 70 WB RAMPS
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRANSPORTATION

START UP
START IN: ALL-RED FLASH
TIME FOR: FLASH , ALL RED (SEC.): 9, 6
FIRST PHASE(S): Ø2 & Ø6
COLOR DISPLAYED: GREEN

DUAL ENTRY: YES | PHASES: 2 & 6
REST IN RED: RING 1 - | RING 2 -

OVERLAP					A	B	C	D
PHASES					-	-	-	-
INTERVAL OR FEATURE			CONTROLLER MOVEMENT NO.						
INTERSECTION MOVEMENT (PHASE)			1	2	3	4	5	6	7	8
DIRECTION			-	NB	-	-	NB LT	SB	-	WB
MINIMUM GREEN (INITIAL)		(SEC.)	-	20	-	-	7	20	-	10
ADDED INITIAL		*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL		*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		(SEC.)	-	3.0	-	-	3.0	3.0	-	3.0
TIME BEFORE REDUCTION		*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP		*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE		*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I		(SEC.)	-	60	-	-	10	60	-	30
MAXIMUM GREEN II		(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE		(SEC.)	-	4.6	-	-	3.8	4.6	-	4.7
ALL RED CLEARANCE		(SEC.)	-	1.0	-	-	1.3	1.0	-	1.0
DELAYED GREEN (LPI) '		(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^		(SEC.)	-	-	-	-	-	-	-	-
WALK		(SEC.)	-	7	-	-	-	-	-	-
PEDESTRIAN CLEARANCE		(SEC.)	-	14	-	-	-	-	-	-
RECALL	MAXIMUM	(ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM	(ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN	(ON/OFF)	-	-	-	-	-	-	-	-
MEMORY		(ON/OFF)	-	-	-	-	-	-	-	-

*VOLUME DENSITY CONTROLS

NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.

- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4I-4.

- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.

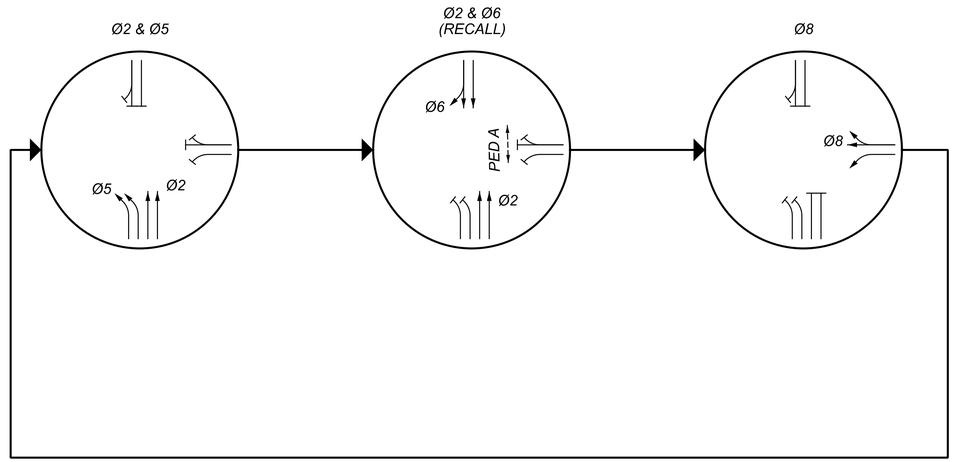
- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø8), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.

- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.

PHASING DIAGRAM

LEGEND
VEHICLE Ø
PERMITTED Ø
PEDESTRIAN Ø



EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(8) (WESTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.

2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.

2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2C	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ2D	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ5A	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5B	NB LEFT CALL	PRESENCE	Ø5	-	STOP LINE	8 X 40
RDZ5C	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ5D	NB LEFT CALL	PULSE	Ø5	-	ADVANCE	MAX
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ6D	SB CALL	PULSE	Ø6	-	ADVANCE	MAX
RDZ8A	WB CALL	PRESENCE	Ø8	10	STOP LINE	8 X 40
RDZ8B	WB LEFT CALL	PRESENCE	Ø8	-	STOP LINE	8 X 40

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1416 TOTAL P.2024

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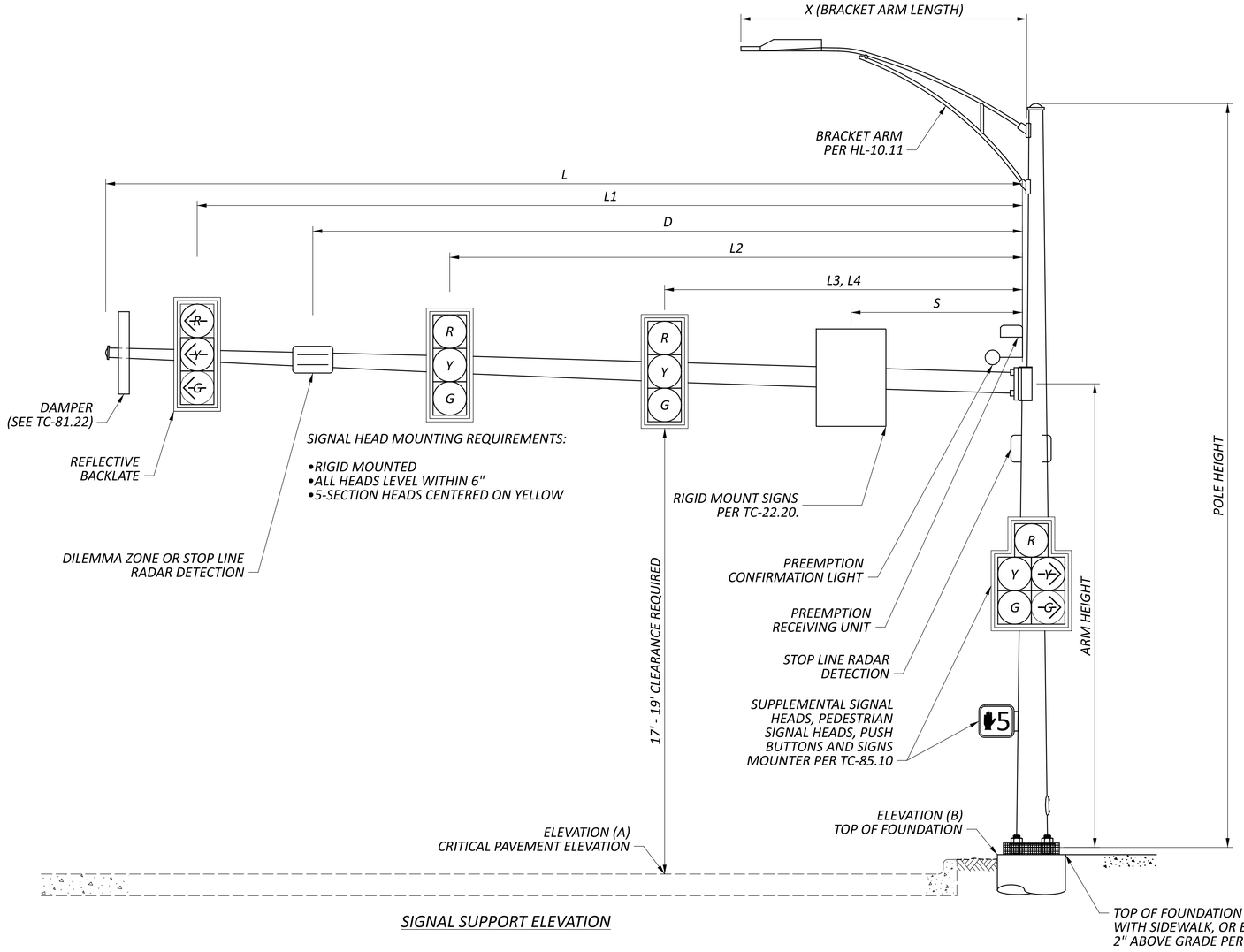
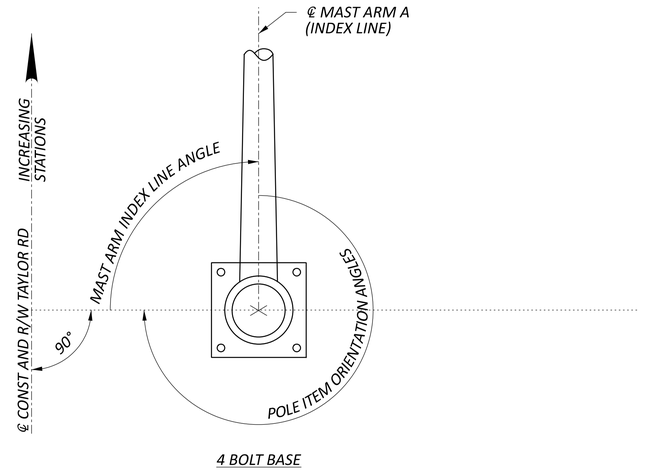


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS											MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	L3	L4	D	S	X	HANDHOLE	BRACKET ARM	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG
SP-1	43+23.7	63.3' LT.	959.40	958.40	TC-81.22	12	30	21.5	41	37	25	-	-	-	12.5	15	70	180	353	180
SP-2	42+59.5	47.2' LT.	960.38	959.09	TC-81.22	4	30	21	31	27.5	16.5	-	-	30	22	15	0	180	0	-
SP-3	44+10.1	70.2' RT.	957.60	957.00	TC-81.22	14	24.5	19.5	70	67	59	50.5	39.5	-	63	-	0	180	-	-

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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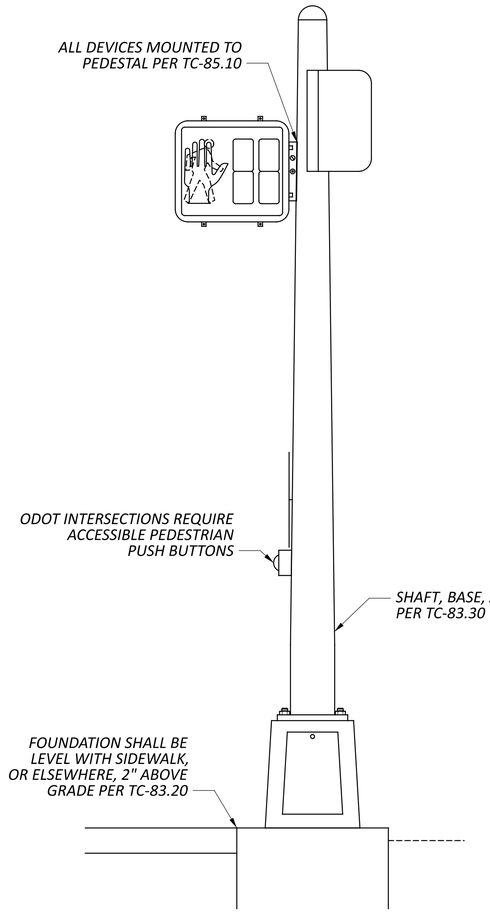
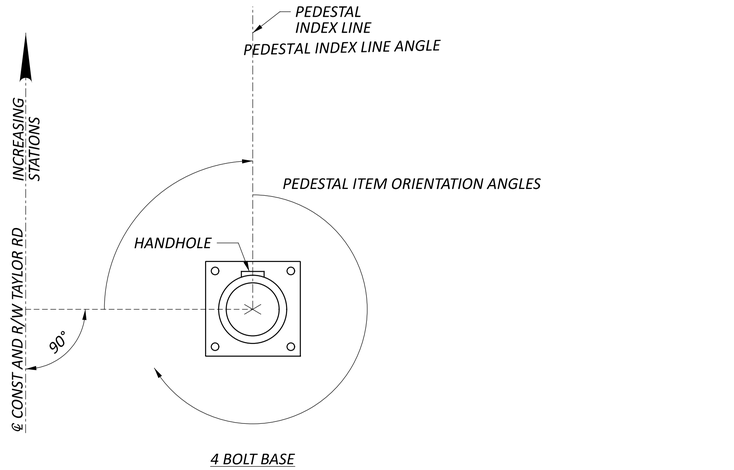


PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. *ALL ANGLES ARE MEASURED CLOCKWISE.*
2. *THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE*

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
							PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	43+69.9	79.3' RT.	957.75	17.5	YES	90	290	290	70
PS-2	43+07.4	55.4' RT.	959.15	17.5	YES	270	110	110	0

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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REVIEWER
KMG 07/31/26

PROJECT ID
96808

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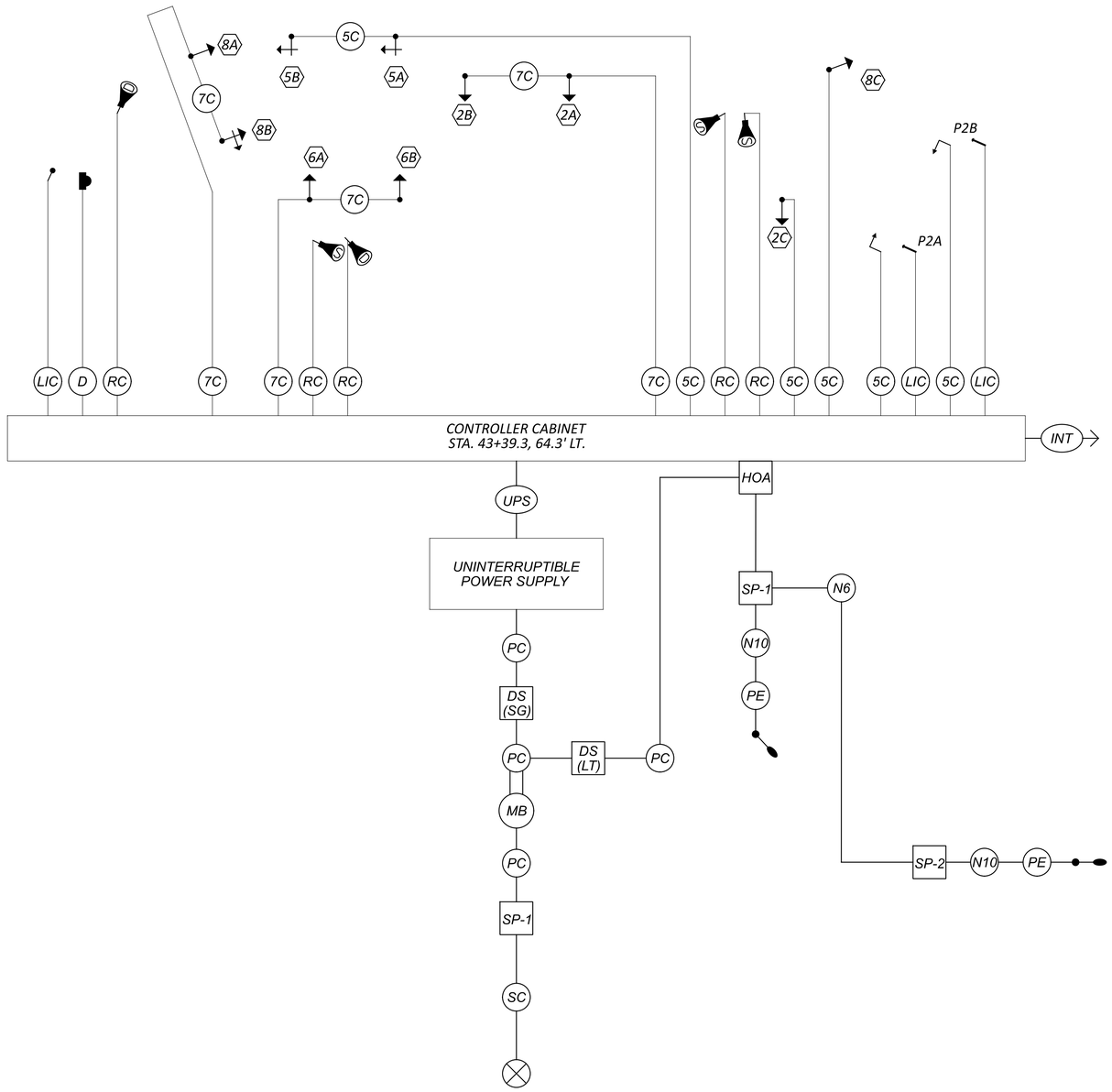
WIRING DIAGRAM



FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B, 2C	R	Φ2 R	R
	Y	Φ2 Y	
(NB)	G	Φ2 G	
5A, 5B	<--R---	Φ5 R	R
	<--Y---	Φ5 Y	
(NB LT)	<--G---	Φ5 G	
6A, 6B	R	Φ6 R	R
	Y	Φ6 Y	
(SB)	G	Φ6 G	
8A, 8C	R	Φ8 R	R
	Y	Φ8 Y	
(WB)	G	Φ8 G	
8B	R	Φ8 R	R
	Y	Φ8 Y	
	G	Φ8 G	
(WB)	<--G---	Φ8 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ2 PED / LS 9 G	OUT
	DW	Φ2 PED / LS 9 R	
LS = LOAD SWITCH			

LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- N10 — NO. 10 AWG POLE & BRACKET CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- INT — INTERCONNECT CABLE
- N6 — NO. 6 AWG DISTRIBUTION CABLE
- DS (LT) — LIGHTING DISCONNECT SWITCH
- HOA — HAND / OFF / AUTO SWITCH
- PE — PHOTOELECTRIC CELL
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / IR 70 WB RAMPS

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SHEET P.1419 TOTAL P.2024

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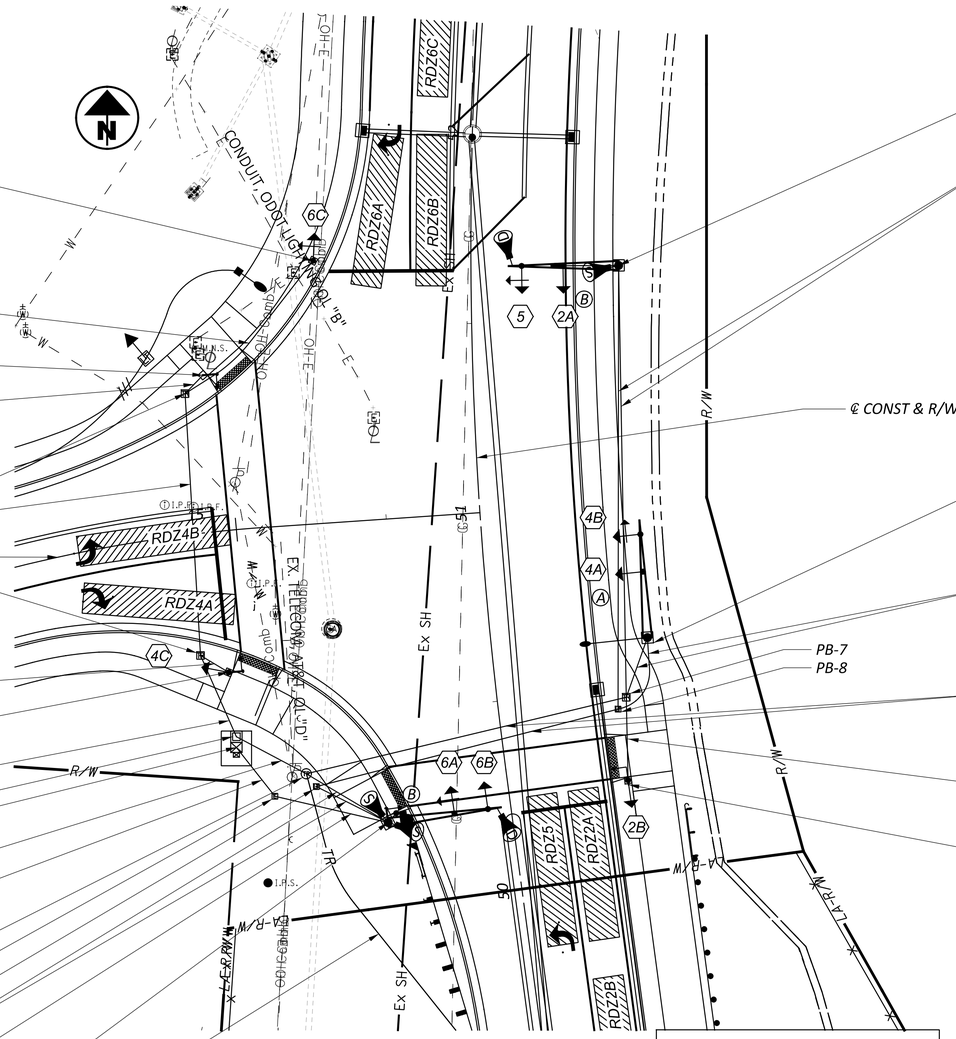
NOTE:
1. THE CONTRACTOR SHALL ENSURE THAT ALL SIGNAL FACES ARE CLEARLY VISIBLE TO ALL ONCOMING VEHICLES; CLEAR OF ANY OBSTRUCTION ONCE MOUNTED TO THE MAST ARMS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION.
3. FOR TRAFFIC SIGNAL LEGEND, SEE SHEET P.1395.
4. PROPOSED POWER SOURCE LOCATION TO BE DETERMINED WITH POWER COMPANY. THE POWER SOURCE LOCATION SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER. ALL ITEMS NECESSARY TO PROVIDE POWER TO THE PROPOSED SIGNAL, INCLUDING BUT NOT LIMITED TO, CONDUIT RISERS, CONDUIT, TRENCHING, DRILLING, PULL BOXES AND POWER CABLE, SHALL BE INCIDENTAL TO AND INCLUDED UNDER ITEM 632 - POWER SERVICE, AS PER PLAN.

PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
PB-1	51+34.1	LT.	76.1'	24 X 24
PB-2	50+69.6	LT.	76.6'	24 X 24
PB-3	50+48.8	LT.	69.5'	24 X 24
PB-4	50+37.5	LT.	52.4'	32 X DIA.
PB-5	50+32.9	LT.	61.4'	18 X 18
PB-6	50+34.0	LT.	50.2'	18 X 18
PB-7	50+47.0	RT.	33.9'	24 X 24
PB-8	50+44.1	RT.	31.4'	18 X 18



PS-1 WITH A SUPPLEMENTAL SIGNAL HEAD
STA. 51+66.7, 41.6' LT.

(1)-2" CONDUIT WITH (1)-7C
IN TRENCH = 50'

PS-2 WITH A PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON 'P6A'
STA. 51+38.6, 71.2' LT.

(1)-2" CONDUIT WITH (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 7'

(1)-4" CONDUIT WITH (1)-7C, (1)-5C AND (1)-2C LEAD-IN
IN TRENCH = 70'

(1)-2" CONDUIT WITH (2)-5C AND (1)-2C LEAD-IN
IN TRENCH = 9'

PS-3 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P6B' AND SUPPLEMENTAL SIGNAL HEAD
STA. 50+64.8, 69.7' LT.

(1)-4" CONDUIT WITH (1)-7C, (3)-5C AND (2)-2C LEAD-IN
IN TRENCH = 24'

GROUND MOUNTED CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY AND WORK PAD
STA. 50+46.1, 69.8' LT.

(1)-4" CONDUIT WITH (2)-7C, (3)-5C, (3)-2C LEAD-IN, (5)-RADAR, (1)-PREEMPT, AND (1)- DROP CABLE
IN TRENCH = 21'

(1)-2" CONDUIT WITH (1)-POWER CABLE
IN TRENCH = 17'

(1)-3" CONDUIT WITH (1)-7C, (1)-5C, (2)-2C LEAD-IN, (3)-RADAR AND (1)-PREEMPT
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 26'

(1)-2" CONDUIT WITH (1)-POWER CABLE
IN TRENCH = 31'

SP-1, TYPE TC-81.22, DESIGN 4 WITH A 30' MAST ARM, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P4A', GPS PREEMPTION RECEIVING UNIT AND CONFIRMATION LIGHT
STA. 50+22.1, 32.7' LT.

(1)-2" CONDUIT WITH (1)-DROP CABLE
(SEE SHEET P.1427 OF THE INTERCONNECT PLANS)

SP-2, TYPE TC-81.22, DESIGN 4 WITH A 29' MAST ARM AND 15' BRACKET ARM
STA. 51+65.1, 39.0' RT.

(1)-3" CONDUIT WITH (1)-7C AND (2)-RADAR
(1)-2" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 118'

SP-3, TYPE TC-81.22, DESIGN 4 WITH A 31' MAST ARM AND 15' BRACKET ARM
STA. 50+62.1, 41.2' RT.

(1)-3" CONDUIT WITH (1)-7C
(1)-2" CONDUIT WITH (2)-LIGHTING
IN TRENCH = 24'

(1)-4" CONDUIT WITH (2)-7C, (2)-5C, (1)-2C LEAD-IN AND (2)-RADAR
(1)-4" CONDUIT WITH (1)-LIGHTING
IN TRENCH = 87'

(1)-2" CONDUIT WITH (2)-5C AND (1)-2C LEAD-IN
IN TRENCH = 22'

PS-4 WITH A PEDESTRIAN SIGNAL HEAD, PUSHBUTTON 'P4B' AND A SUPPLEMENTAL SIGNAL HEAD
STA. 50+24.8, 31.6' RT.

MAST ARM SIGNS



D3-1-84 (A)

D3-1-106 (B)

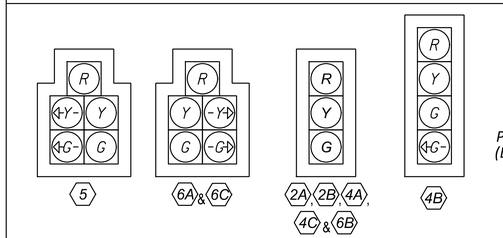
PEDESTRIAN SIGNS



R10-3E-9

2 - LEFT ARROWS (PS-2, SP-1)
2- RIGHT ARROWS (PS-3, PS-4)

SIGNAL TYPES



1. ALL SIGNAL HEADS SHALL HAVE 12" LED LENSES.
2. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR AND HAVE BACKPLATES.
3. ALL SIGNAL HEAD VISORS SHALL BE CUTAWAY TYPE.

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC SIGNAL PLAN
TAYLOR ROAD / TAYLOR ROAD SW

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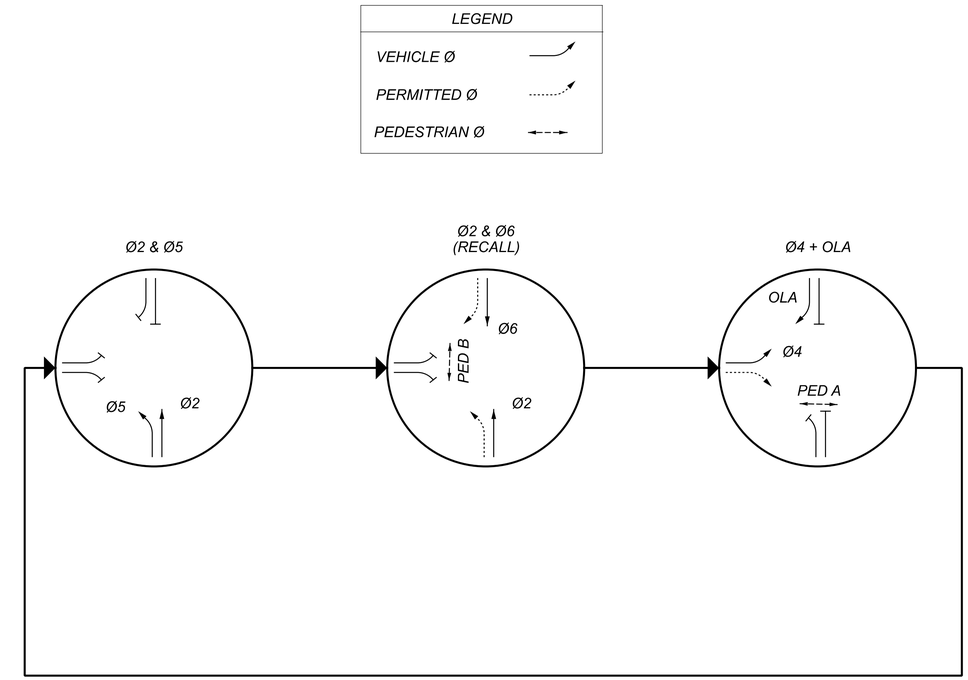
SIGNAL TIMING CHART

INTERSECTION: TAYLOR ROAD / TAYLOR ROAD SW									
MAINTAINING AGENCY: OHIO DEPARTMENT OF TRASNPORTATION									
START UP		DUAL ENTRY: YES		PHASES:			2 & 6		
		REST IN RED:		RING 1	-		RING 2	-	
START IN: -		OVERLAP			A	B	C	D	
TIME FOR: FLASH , ALL RED (SEC.): 9, 6									
FIRST PHASE(S): Ø2 & Ø6									
COLOR DISPLAYED: -		PHASES			4	-	-	-	
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT (PHASE)		1	2	3	4	5	6	7	8
DIRECTION		-	NB	-	EB	NB LT	SB	-	-
MINIMUM GREEN (INITIAL)	(SEC.)	-	20	-	10	7	20	-	-
ADDED INITIAL	*(SEC./ACTUATION)	-	-	-	-	-	-	-	-
MAXIMUM INITIAL	*(SEC.)	-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)	(SEC.)	-	3.0	-	3.0	3.0	3.0	-	-
TIME BEFORE REDUCTION	*(SEC.)	-	-	-	-	-	-	-	-
MINIMUM GAP	*(SEC.)	-	-	-	-	-	-	-	-
TIME TO REDUCE	*(SEC.)	-	-	-	-	-	-	-	-
MAXIMUM GREEN I	(SEC.)	-	60	-	30	10	60	-	-
MAXIMUM GREEN II	(SEC.)	-	-	-	-	-	-	-	-
YELLOW CHANGE	(SEC.)	-	5.2	-	3.1	4.1	5.2	-	-
ALL RED CLEARANCE	(SEC.)	-	1.0	-	2.0	2.3	1.0	-	-
DELAYED GREEN (LPI) '	(SEC.)	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW DELAY^	(SEC.)	-	-	-	-	-	-	-	-
WALK	(SEC.)	-	-	-	7	-	7	-	-
PEDESTRIAN CLEARANCE	(SEC.)	-	-	-	13	-	17	-	-
RECALL	MAXIMUM (ON/OFF)	-	-	-	-	-	-	-	-
	MINIMUM (ON/OFF)	-	ON	-	-	-	ON	-	-
	PEDESTRIAN (ON/OFF)	-	-	-	-	-	-	-	-
MEMORY	(ON/OFF)	-	-	-	-	-	-	-	-

PHASING DIAGRAM



NOTES:

- ALL MOVEMENTS SHALL BE ACTUATED. THE PRIMARY THRU MOVEMENT SHOULD HAVE MIN RECALL ACTIVE TO REST IN GREEN.
- RADAR DETECTION UNITS FOR DILEMMA ZONE DETECTION SHALL PLACE A CONSTANT CALL TO THE CONTROLLER WHEN VEHICLE TRAVEL TIMES TO THE STOP BAR ARE BETWEEN 2.5 AND 6.0 SECONDS. SPEED TRIGGER SHALL BE SET FOR VEHICLES TRAVELING 35 MPH AND GREATER.
- RADAR SHALL HAVE QUEUE DETECTION CONFIGURED AND A ZONE PLACED AT 100-200 FEET FROM THE STOP BAR FOR SLOW MOVING VEHICLE EXTENSIONS. SPEED TRIGGER SHALL BE SET AT 1 - 35 MPH.
- FOR PROTECTED / PERMISSIVE PHASES, IMPLEMENT CALL OMITS TO AVOID YELLOW BALL TRAP.
- ENABLE Ø5 DETECTOR SWITCHING TO ALLOW Ø5 TO EXTEND Ø6 , WHEN ALLOCATED GREEN TIME FOR LEFT TURN PHASES ARE EXHAUSTED.
- COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL GO TO ZERO ON YELLOW PER OMUTCD FIGURE 4I-4.
- ALL DETECTOR DELAYS SHALL BE PLACED IN THE CONTROLLER.
- FOR ANY ENTRY TO FLASHING OPERATION, PROGRAMMING SHALL RUN MINOR STREET GREEN (Ø4), ALL-RED CLEARANCE, AND THEN FLASHING OPERATION.

EMERGENCY PREEMPT CHANNELS

CHANNEL 1 = Ø(2+5) (NORTHBOUND ONLY)
CHANNEL 2 = Ø(6) (SOUTHBOUND ONLY)
CHANNEL 3 = Ø(4) (EASTBOUND ONLY)

EMERGENCY PREEMPT NOTES:

1. UPON EMERGENCY PREEMPTION, ACTIVE WALK INDICATIONS SHALL IMMEDIATELY BE TERMINATED, FOLLOWED BY THE TIMING OF THE PEDESTRIAN CLEARANCE INTERVAL.
2. ALL ACTIVE PHASES SHALL TIME THEIR YELLOW AND ALL RED CLEARANCE INTERVALS UPON COMPLETION OF ANY PEDESTRIAN INTERVALS PRIOR TO TRANSITIONING TO THE EMERGENCY PREEMPT PHASE TO AVOID THE POTENTIAL FOR YELLOW BALL TRAP.
2. AFTER RELEASE FROM THE EMERGENCY PREEMPT, YELLOW AND ALL RED CLEARANCE INTERVALS SHALL BE DISPLAYED AND RETURN TO NORMAL COORDINATION TIMING PROGRESSION PER CURRENT COORDINATION RECOVERY SETTINGS.

RADAR DETECTION CHART

DETECTION ZONE	MOVEMENT	PULSE OR PRESENCE	ASSOCIATED PHASE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	PURPOSE	DETECTION ZONE LENGTH (FT)
RDZ2A	NB CALL	PRESENCE	Ø2	-	STOP LINE	8 X 40
RDZ2B	NB CALL	PULSE	Ø2	-	ADVANCE	MAX
RDZ4A	EB CALL	PRESENCE	Ø4	10	STOP LINE	8 X 40
RDZ4B	EB CALL	PRESENCE	Ø4	-	STOP LINE	8 X 40
RDZ5	NB LEFT CALL	PRESENCE	Ø5	5	STOP LINE	8 X 40
RDZ6A	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6B	SB CALL	PRESENCE	Ø6	-	STOP LINE	8 X 40
RDZ6C	SB CALL	PULSE	Ø6	-	ADVANCE	MAX

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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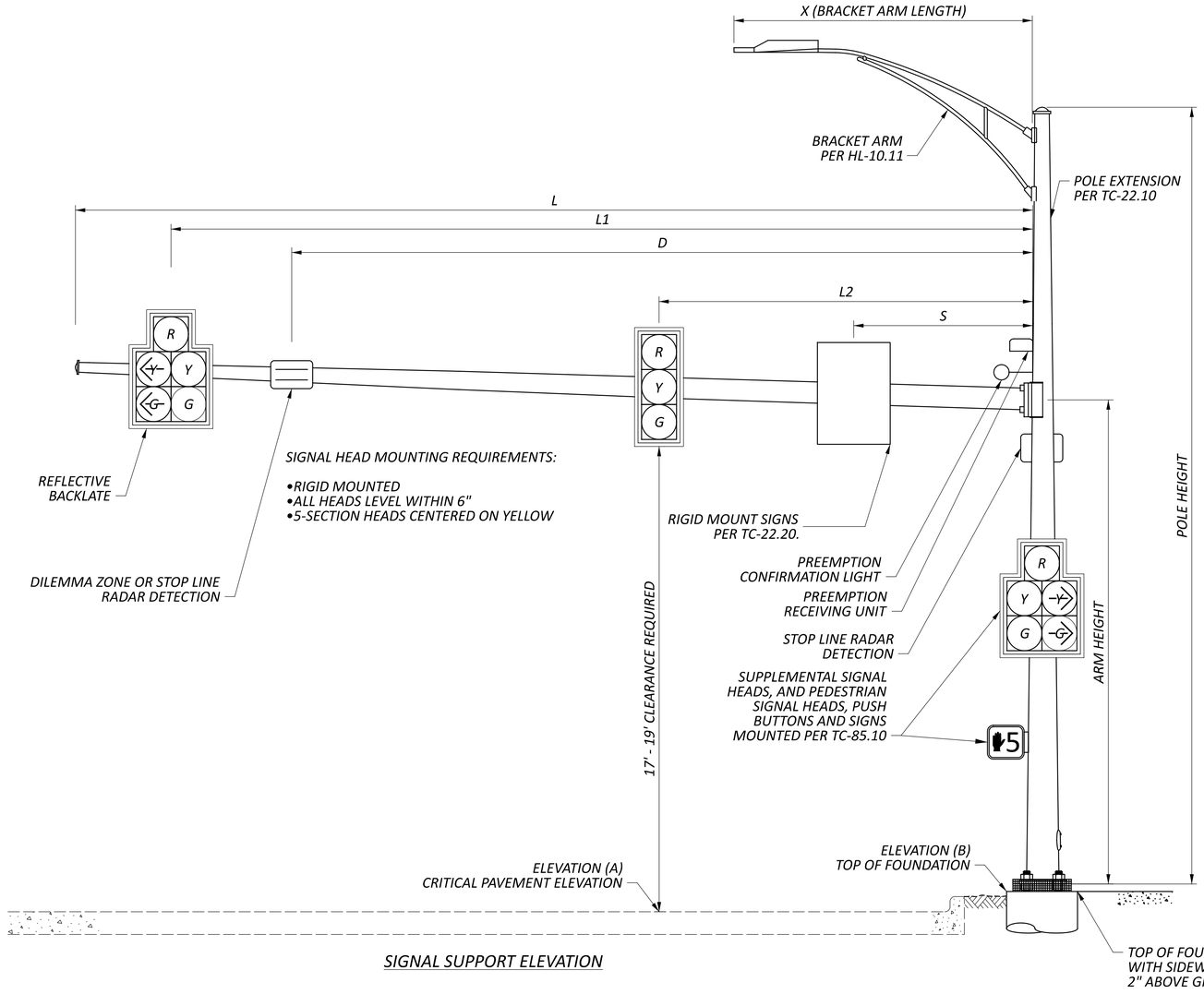
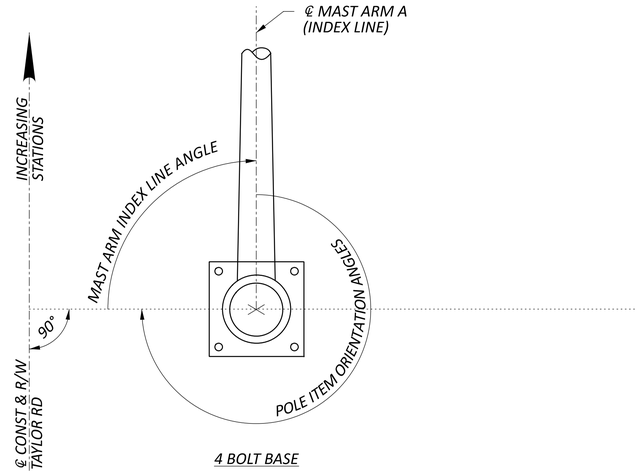


SIGNAL SUPPORT ELEVATION



4 BOLT BASE

NOTE:
1. ALL ANGLES ARE MEASURED CLOCKWISE
2. BASE PLATE IS ORIENTED SQUARE TO MAST ARM A, EVEN IF THE SUPPORT HAS TWO ARMS.

POLE ORIENTATION

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS										MAST ARM A INDEX LINE ANGLE	ORIENTATION ANGLES (DEG.) FROM INDEX LINE				
			A (Pavement Elevation)	B (Top of Foundation)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	D	X	S		PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	BRACKET ARM	HANDHOLE	POWER SERVICE
							FT	FT	FT	FT	FT	FT	FT	FT	DEG	DEG	DEG	DEG	DEG	DEG
SP-1	50+22.1	32.7' LT.	944.51	944.52	TC-81.22	4	21	19.5	30	26.5	17.5	29	-	8.5	0	270	270	-	180	160
SP-2	51+65.1	39.0' RT.	946.90	947.47	TC-81.22	4	30	19	29	25.5	14.5	28	15	7	0	-	-	0	90	-
SP-3	50+62.1	41.2' RT.	945.33	945.51	TC-81.22	4	30	20.5	31	27.5	17.5	-	15	8.5	90	-	-	268	0	-

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TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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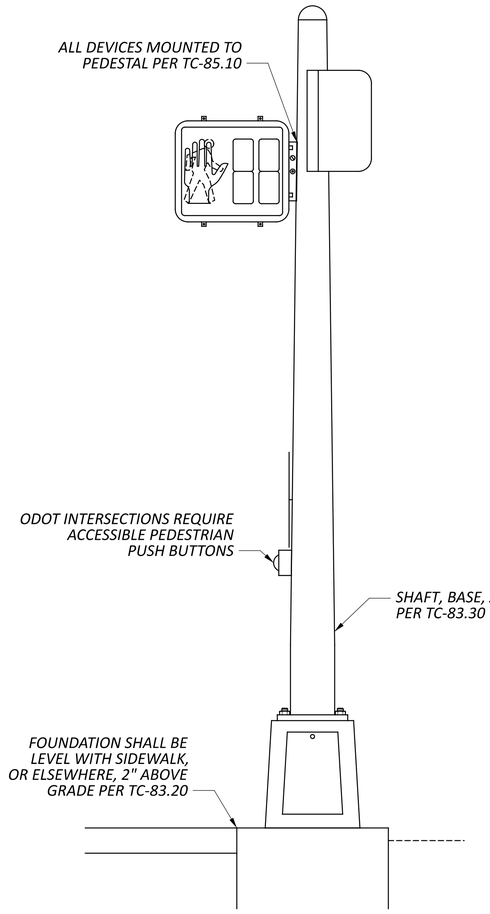
BCT

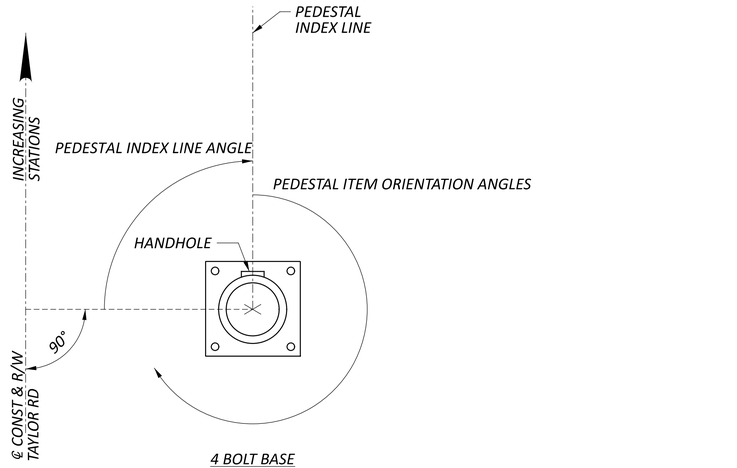
REVIEWER
KMG 07/31/26

PROJECT ID
96808

SHEET P.1422 TOTAL P.2024



PEDESTAL ELEVATION



4 BOLT BASE

NOTE:
1. *ALL ANGLES ARE MEASURED CLOCKWISE.*
2. *THE INDEX LINE GOES THROUGH THE CENTER OF THE PEDESTAL HANDHOLE*

POLE ORIENTATION

PEDESTAL TABLE

PEDESTAL NO.	STATION	OFFSET	FOUNDATION ELEVATION	DESIGN TYPE	PEDESTAL HEIGHT (FT)	TRANSFORMER BASE?	PEDESTAL INDEX LINE ANGLE (DEG.)	ORIENTATION ANGLES (DEG.) FROM INDEX LINE		
								PEDESTRIAN SIGNAL	PEDESTRIAN PUSH BUTTON	VEHICULAR SIGNAL HEAD
PS-1	51+66.7	41.6' LT.	946.36	HL-10.13	14.4	YES	210	-	-	65
PS-2	51+38.6	71.2' LT.	945.19	-	10.7	YES	180	180	180	-
PS-3	50+64.8	69.7' LT.	944.45	-	17.5	YES	90	270	270	105
PS-4	50+24.8	31.6' RT.	944.59	-	17.5	YES	180	270	270	90

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TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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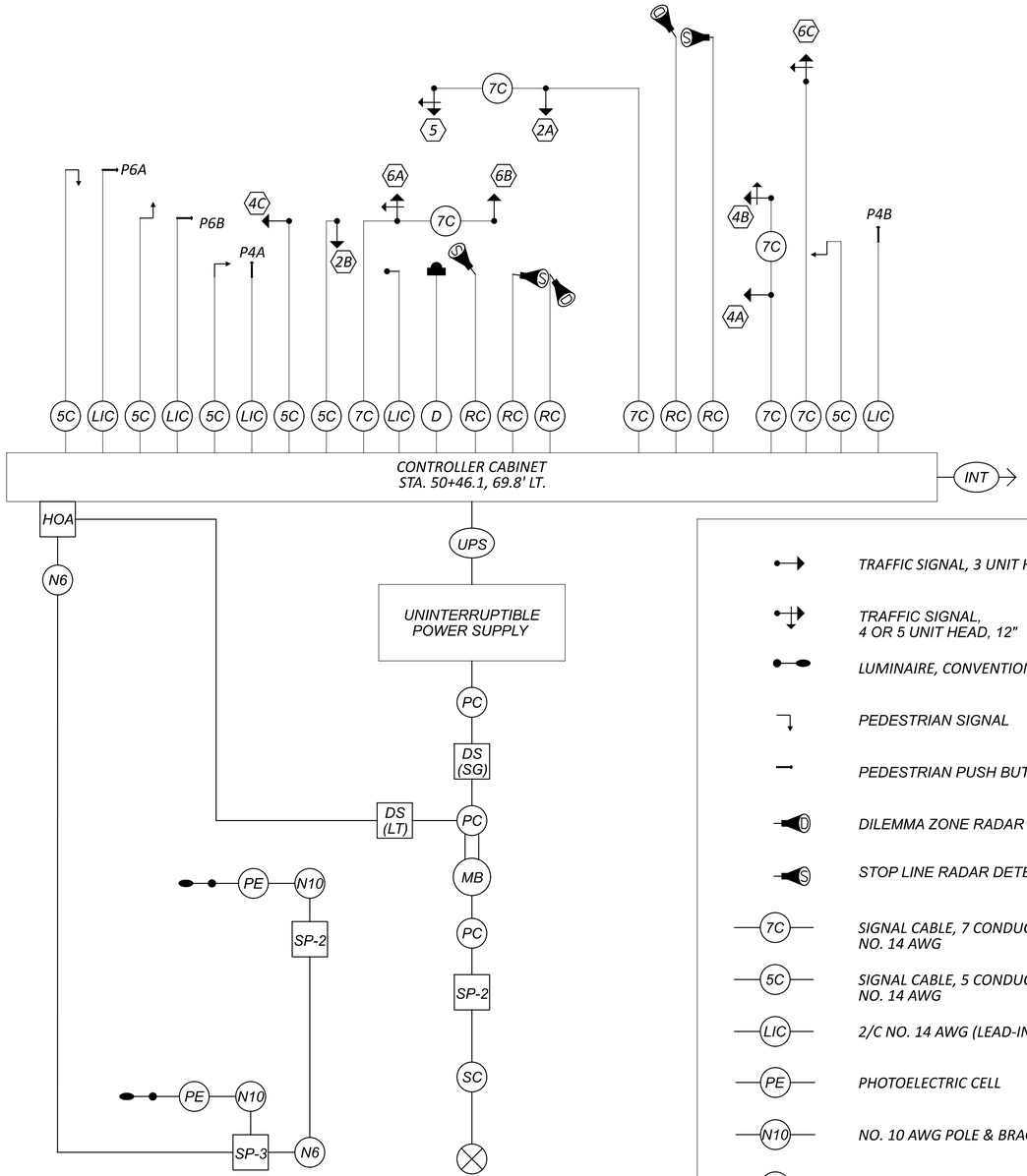
PROJECT ID
96808

SHEET P.1423 | TOTAL P.2024

WIRING DIAGRAM



LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"
- LUMINAIRE, CONVENTIONAL
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- DILEMMA ZONE RADAR DETECTION UNIT
- STOP LINE RADAR DETECTION UNIT
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- LIC — 2/C NO. 14 AWG (LEAD-IN CABLE)
- PE — PHOTOELECTRIC CELL
- N10 — NO. 10 AWG POLE & BRACKET CABLE
- N6 — NO. 6 AWG DISTRIBUTION CABLE
- SP X — SIGNAL SUPPORT POLE NO. __
- INT — INTERCONNECT CABLE
- RC — RADAR DETECTION CABLE
- POWER SOURCE
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG
- PC — POWER CABLE, 2 CONDUCTOR, NO. 4 AWG
- MB — METER BASE
- DS (SG) — SIGNAL DISCONNECT SWITCH
- DS (LT) — LIGHTING DISCONNECT SWITCH
- HOA — HAND / OFF / AUTO SWITCH
- UPS — UNINTERRUPTIBLE POWER SUPPLY CABLE
- D — PREEMPTION DETECTOR CABLE
- GPS PREEMPTION RECEIVING UNIT
- PREEMPTION CONFIRMATION LIGHT

FIELD WIRING HOOKUP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A, 2B (NB)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
4A, 4C (EB)	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
4B (EB)	R	Φ4 R	R
	Y	Φ4 Y	
	G	Φ4 G	
	<--Y---	Φ4 Y	
	<--G---	Φ4 G	
5 (NB LT)	R	Φ2 R	R
	Y	Φ2 Y	
	G	Φ2 G	
	<--Y---	Φ5 Y	
	<--G---	Φ5 G	
6A, 6C (SB RT)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
	---Y-->	Φ4 Y / LS 11 Y	
	---G-->	Φ4 G / LS 11 G	
6B (SB)	R	Φ6 R	R
	Y	Φ6 Y	
	G	Φ6 G	
OVERLAPS			
OLA	---Y-->	Φ4 Y / LS 11 Y	OUT
	---G-->	Φ4 G / LS 11 G	
PEDESTRIAN MOVEMENTS			
PED A	W	Φ4 PED / LS 9 G	OUT
	DW	Φ4 PED / LS 9 R	
PED B	W	Φ6 PED / LS 10 G	OUT
	DW	Φ6 PED / LS 10 R	
LS = LOAD SWITCH			

TRAFFIC SIGNAL DETAILS
TAYLOR ROAD / TAYLOR ROAD SW

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1424 TOTAL P.2024

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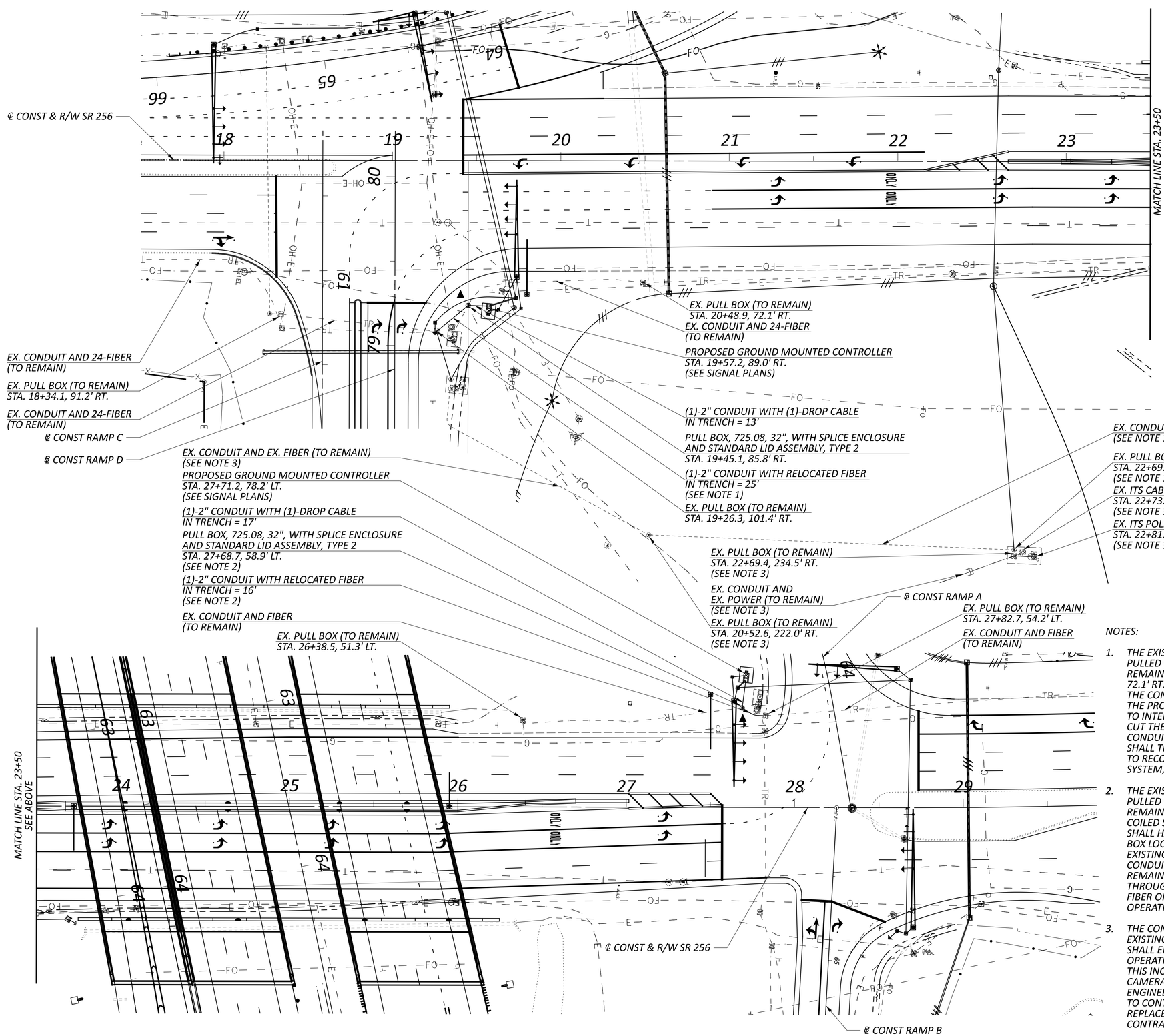

NOTES:

1. THE EXISTING FIBER OPTIC CABLE SHALL BE CAREFULLY PULLED BACK BETWEEN THE EXISTING PULL BOXES TO REMAIN AT STA. 19+26.3, 101.4' RT. AND STA. 20+48.9, 72.1' RT. AND COILED SAFELY IN ONE OF THE PULL BOXES. THE CONTRACTOR SHALL HAND DIG AT THE LOCATION OF THE PROPOSED PULL BOX LOCATED AT STA. 19+45.1. 85.8' RT. TO INTERCEPT THE EXISTING CONDUIT. THE CONTRACTOR SHALL CUT THE EXISTING CONDUIT IN A MANNER TO PROTECT THE CONDUIT THAT IS TO REMAIN IN PLACE. THE EXISTING FIBER SHALL THEN BE PULLED THROUGH THE PROPOSED CONDUIT TO RECONNECT THE EXISTING FIBER OPTIC INTERCONNECT SYSTEM, AND RETURN IT TO A FULLY OPERATIONAL STATUS.
2. THE EXISTING FIBER OPTIC CABLE SHALL BE CAREFULLY PULLED BACK BETWEEN THE EXISTING PULL BOXES TO REMAIN AT STA. 26+38.5, 51.3' LT. AND STA. 27+82.7, 54.2' LT. COILED SAFELY IN ONE OF THE PULL BOXES. THE CONTRACTOR SHALL HAND DIG AT THE LOCATION OF THE PROPOSED PULL BOX LOCATED AT STA. 27+68.7. 58.9' LT. TO INTERCEPT THE EXISTING CONDUIT. THE CONTRACTOR SHALL CUT THE EXISTING CONDUIT IN A MANNER TO PROTECT THE CONDUIT THAT IS TO REMAIN IN PLACE. THE EXISTING FIBER SHALL THEN BE PULLED THROUGH THE PROPOSED CONDUIT TO RECONNECT THE EXISTING FIBER OPTIC INTERCONNECT SYSTEM, AND RETURN IT TO A FULLY OPERATIONAL STATUS.
3. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISTING ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT THE EXISTING CCTV CAMERA REMAINS OPERATIONAL THROUGH THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO PULL BOXES, CCTV CAMERA, CAMERA POLE, CONDUIT AND CABLES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.

INTERCONNECT PLAN - SR 256

DESIGN AGENCY
GPD GROUP*

DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1425 TOTAL P.2024

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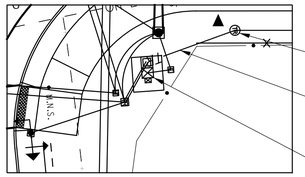
NOTE:
1. FOR INTERCONNECT LEGEND, SEE SHEET P.1425 .

DETAIL 'A' - NOT TO SCALE



PULL BOX, 725.08, 32" WITH SPLICE ENCLOSURE AND STANDARD LID ASSEMBLY, TYPE 2
STA. 17+34.0, 45.6' RT.

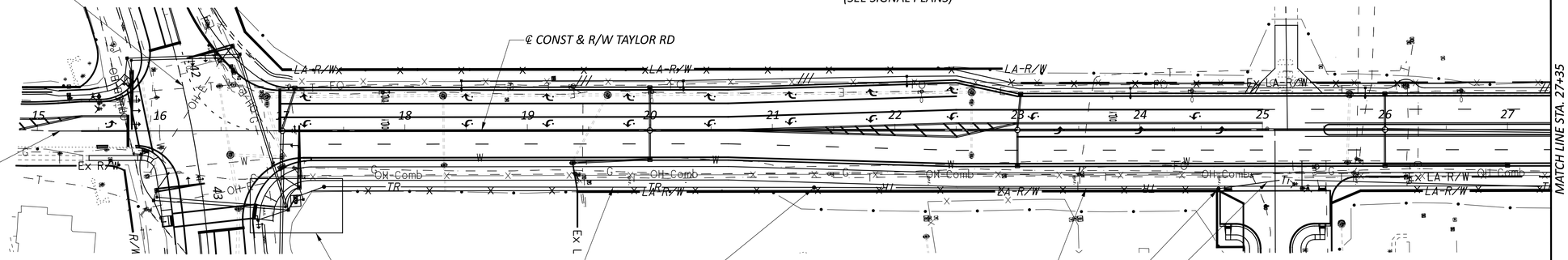
(1)-2" CONDUIT WITH (1)-DROP CABLE
IN TRENCH = 25'

PROPOSED GROUND MOUNTED CONTROLLER
STA. 43+13.4, 75.0' LT.
(SEE SIGNAL PLANS)

℄ CONST SR 204

℄ CONST & R/W TAYLOR RD

℄ CONST WELLESLEY DR



DETAIL 'A'

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 400'

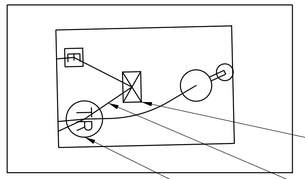
PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 21+34.0, 46.6' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 331'

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 24+64.1, 48.0' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 318'

DETAIL 'B' - NOT TO SCALE



PROPOSED GROUND MOUNTED CONTROLLER
STA. 39+50.8, 78.9' RT.
(SEE ITS PLANS)

(1)-DROP CABLE
IN ITS CONDUIT = 5'

PULL BOX, 725.08, 32"
WITH STANDARD LID ASSEMBLY, TYPE 2
STA. 39+46.6, 81.2' RT.
(SEE ITS PLANS)

(1)-4" CONDUIT, CONCRETE ENCASED,
WITH (1)-24 STRAND FIBER
IN TRENCH = 130'

PULL BOX, 725.08, 32" WITH SPLICE ENCLOSURE
AND HINGED LID ASSEMBLY, TYPE 2
STA. 35+60.8, 63.6' LT.
(SEE SIGNAL PLANS)

(1)-DROP CABLE
IN SIGNAL CONDUIT = 21'

PROPOSED GROUND MOUNTED CONTROLLER
STA. 35+43.3, 55.1' LT.
(SEE SIGNAL PLANS)

(1)-4" CONDUIT WITH (1)-24 STRAND FIBER
(1)-4" CONDUIT (SEE SIGNAL PLANS)
IN TRENCH = 153'

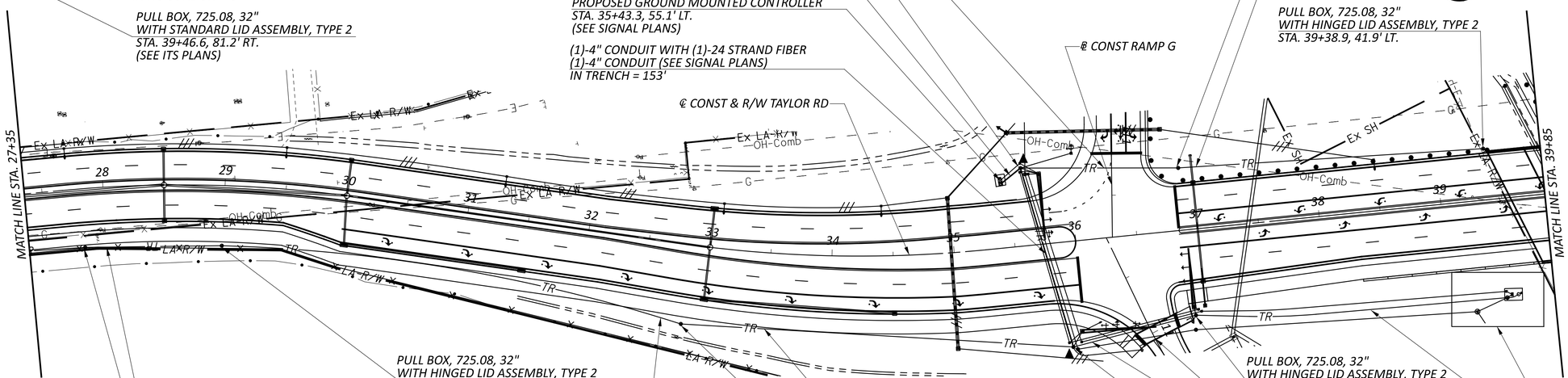
PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 36+89.2, 51.0' LT.

(1)-2" CONDUIT, CONCRETE ENCASED,
WITH (1)-24 STRAND FIBER
IN TRENCH = 250'

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 39+38.9, 41.9' LT.

℄ CONST & R/W TAYLOR RD

℄ CONST RAMP G



PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 28+98.9, 49.1' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 112'

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 27+81.7, 47.9' RT.

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 383'

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 322'

PULL BOX, 725.08, 32"
ROUND WITH SLACK INSTALLATION
AND HINGED LID ASSEMBLY, TYPE 2
STA. 32+84.6, 65.1' RT.

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 36+91.7, 70.2' RT.
(SEE SIGNAL PLANS)

℄ CONST RAMP J
(1)-DROP CABLE
IN SIGNAL CONDUIT = 110'

PULL BOX, 725.08, 32" WITH SPLICE ENCLOSURE
AND HINGED LID ASSEMBLY, TYPE 2
STA. 35+89.4, 86.1' RT.
(SEE SIGNAL PLANS)

DETAIL 'B'

(1)-DROP CABLE
IN TRENCH = 256'

HORIZONTAL SCALE IN FEET
0 25 50 100

INTERCONNECT PLAN - TAYLOR ROAD BEGIN TO STA. 39+85

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REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1426 TOTAL P.2024

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NOTE:
1. FOR INTERCONNECT LEGEND, SEE SHEET P.1425 .

2. CONDUIT TO BE PLACED WITHIN THE BRIDGE PARAPET.
SEE STRUCTURE DETAIL SHEETS FOR ADDITIONAL INFORMATION.

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 42+44.7, 42.5' LT.

(1)-4" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 10'
IN BRIDGE PARAPET = 301'
TOTAL = 311'
(SEE NOTE 2)

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 22'

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 42+63.0, 54.4' LT.
(SEE SIGNAL PLANS)

℄ CONST RAMP H

(1)-4" CONDUIT, CONCRETE ENCASED, WITH (1)-24 STRAND FIBER
(1)-4" CONDUIT (SEE SIGNAL PLANS)
IN TRENCH = 80'

PROPOSED GROUND MOUNTED CONTROLLER
STA. 43+39.3, 64.3' LT.

(1)-DROP CABLE
IN SIGNAL CONDUIT = 10'

32" PULL BOX PULL BOX, 725.08, 32"
WITH SPLICE ENCLOSURE AND
HINGED LID ASSEMBLY, TYPE 2
STA. 43+42.6, 54.0' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT WITH (1)-24 STRAND FIBER
IN TRENCH = 370'

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 47+19.4, 35.8' LT.

PROPOSED GROUND MOUNTED CONTROLLER
STA. 50+46.1, 69.8' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT, CONCRETE ENCASED,
WITH (1)-24 STRAND FIBER
IN TRENCH = 243'

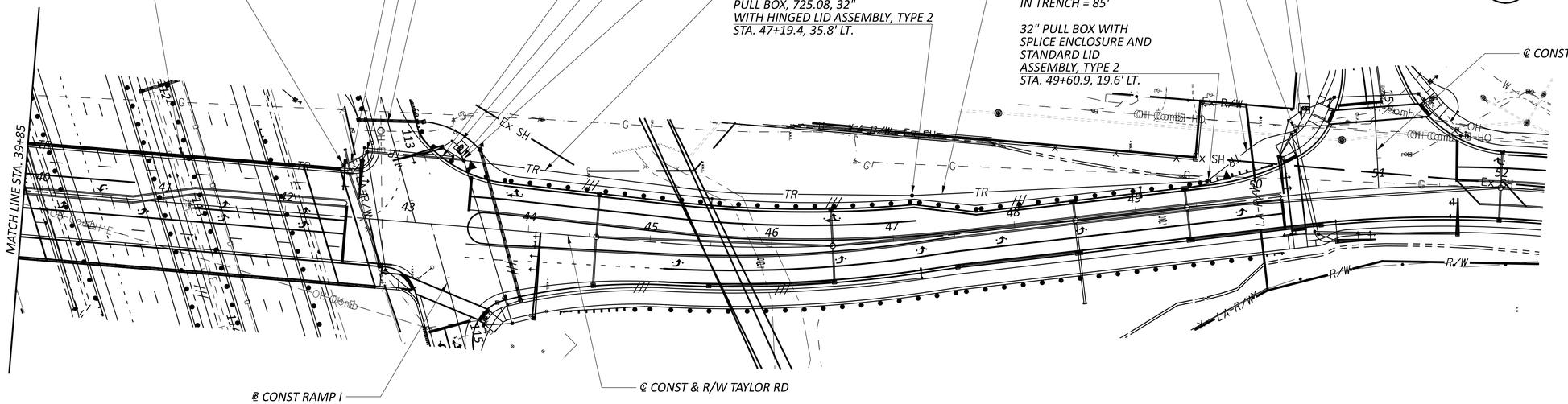
(1)-DROP CABLE
IN SIGNAL CONDUIT = 21'

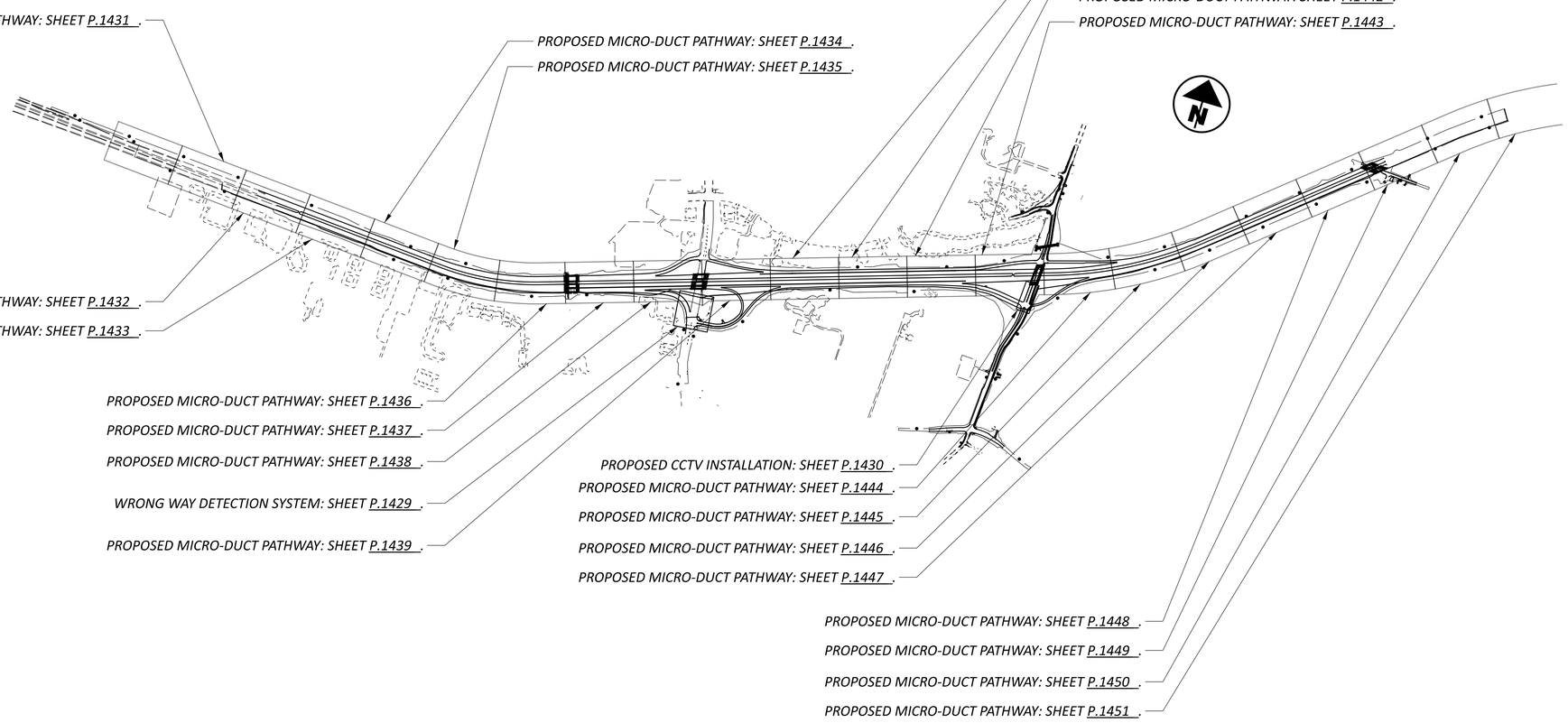
PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 50+37.5, 52.4' LT.
(SEE SIGNAL PLANS)

(1)-2" CONDUIT,
CONCRETE ENCASED,
WITH (1)-DROP CABLE
IN TRENCH = 85'

32" PULL BOX WITH
SPLICE ENCLOSURE AND
STANDARD LID
ASSEMBLY, TYPE 2
STA. 49+60.9, 19.6' LT.

℄ CONST & R/W TAYLOR RD SW


MATCH LINE STA. 39+85
℄ CONST RAMP I
℄ CONST & R/W TAYLOR RD
EX SH
TR
R/W
LA R/W
Ex SH
Ex SH
OH Comm HO
Ex Comb
Ex Comb
Ex Comb



HORIZONTAL SCALE IN FEET
0 500 1000 2000

ITS SHEET INDEX

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REVIEWER
KMG 07/31/26

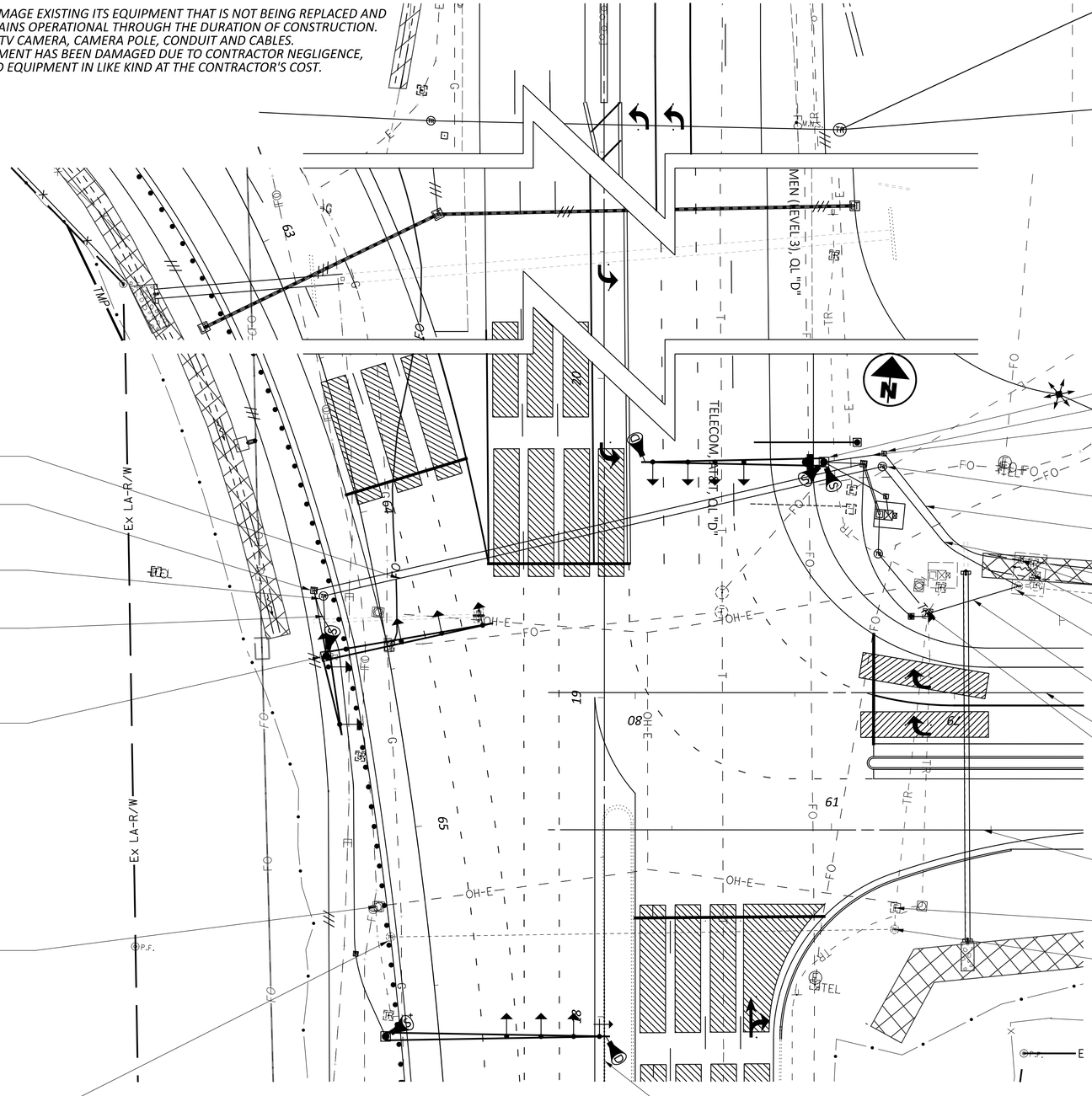
PROJECT ID
96808

SHEET P.1428 | TOTAL P.2024

NOTES:

1. THE EXISTING WRONG WAY DETECTION SYSTEM IS TO BE INSTALLED WITH PID 117258 (ANTICIPATED CONSTRUCTION DECEMBER 2025).

2. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISTING ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT THE EXISTING CCTV CAMERA REMAINS OPERATIONAL THROUGH THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO PULL BOXES, CCTV CAMERA, CAMERA POLE, CONDUIT AND CABLES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.



(1)-4" MULTICELL CONDUIT
WITH (1)-ETHERNET CABLE, OUTDOOR RATED
JACKED OR DRILLED = 180'

24" PULL BOX
STA. 19+33.6, 91.0' LT.
(SEE SIGNAL PLANS, SHEET P.1395 .)

PULL BOX, 725.08, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 19+31.9, 88.0' LT.

(1)-4" MULTICELL CONDUIT
WITH (1)-ETHERNET CABLE, OUTDOOR RATED
IN TRENCH = 19'

SP-1 WITH RELOCATED CCTV IP-CAMERA SYSTEM,
WRONG WAY DETECTION (AIMED TOWARDS EXIT
RAMP), (1)-2" CONDUIT RISER AND
(1)-ETHERNET CABLE, OUTDOOR RATED
STA. 18+87.2, 83.6' LT.
(SEE SIGNAL PLANS, SHEET P.1395 .)

EXISTING CCTV IP-CAMERA SYSTEM,
WRONG WAY DETECTION TO BE RELOCATED TO SP-1
STA. 18+34.4, 71.1' LT.

EX. PULL BOX (TO BE REMOVED)
STA. 18+52.02, 67.1' LT.

EX. PULL BOX (TO REMAIN)
STA. 22+69.4, 230.5' RT.
(SEE NOTE 2)

EX. ITS POLE (TO REMAIN)
WITH EX. CCTV CAMERA
(TO REMAIN)
STA. 22+81.1, 234.5' RT.
(SEE NOTE 2)

EX. ITS CABINET AND
WORK PAD (TO REMAIN)
STA. 222+73.9, 231.9' RT.
(SEE NOTE 2)

EX. PULL BOX (TO REMAIN)
STA. 22+69.4, 234.5' RT.
(SEE NOTE 2)

EX. CONDUIT AND
EX. POWER (TO REMAIN)
(SEE NOTE 2)

EX. CONDUIT AND
EX. FIBER (TO REMAIN)
(SEE NOTE 2)

EX. PULL BOX (TO REMAIN)
STA. 20+52.6, 222.0' RT.
(SEE NOTE 2)

SP-3 WITH ITS POWER SERVICE
STA. 19+73.8, 68.8' RT.

ELECTRICAL PULL BOX, 18"
STA. 19+76.5, 87.7' RT.
(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 20'

EX. CONDUIT AND EX. FIBER (TO REMAIN)
(SEE NOTE 2)

PULL BOX, 725.08, 32"
WITH STANDARD LID ASSEMBLY, TYPE 2
STA. 19+72.4, 87.1' RT.

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 58'

(1)-4" MULTICELL CONDUIT
WITH (1)-ETHERNET CABLE, OUTDOOR RATED
IN TRENCH = 58'

EX. PULL BOX (TO REMAIN)
STA. 19+45.8, 129.5' RT.
(SEE NOTE 1)

EX. ITS CABINET AND WORK PAD (TO REMAIN)
STA. 19+38.9, 135.4' RT.

EX. PULL BOX (TO REMAIN)
STA. 19+33.8, 129.0' RT.

(1)-4" MULTICELL CONDUIT
WITH (1)-FIBER OPTIC DROP CABLE, 24 FIBER
IN TRENCH = 30'

℄ CONST RAMP D

EX. PULL BOX (TO REMAIN)
STA. 19+26.3, 101.4' RT.
(SEE INTERCONNECT PLANS, SHEET P.1425 .)

℄ CONST RAMP C

EX. PULL BOX (TO REMAIN)
STA. 18+34.1, 91.2' RT.
(SEE INTERCONNECT PLANS, SHEET P.1425 .)

EX. PULL BOX (TO REMAIN)
STA. 18+25.8, 88.9' RT.

℄ CONST & R/W SR 256

LEGEND

- GROUND MOUNTED CABINET
- EXISTING PULL BOX (TR) (E) (TR)
- PROPOSED PULL BOX (TR) (E)
- CCTV CAMERA POLE
- ITS WORK PAD

HORIZONTAL SCALE IN FEET
0 10 20 40

ITS PLAN - WRONG WAY DETECTION SYSTEM SR 256 / IR 70 EB RAMPS

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GPD GROUP
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DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1429 TOTAL P.2024

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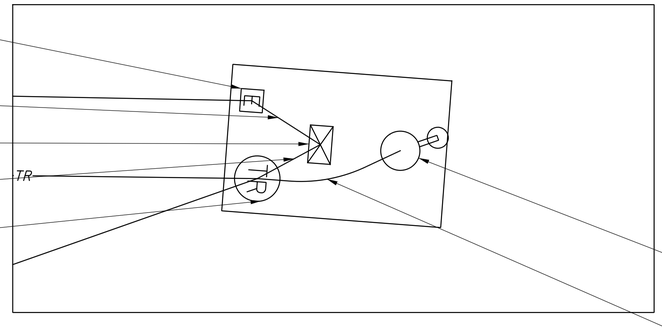
DETAIL 'A' - NOT TO SCALE



ELECTRICAL PULL BOX, 18"
STA. 39+46.3, 76.0' RT.

(1)-2" CONDUIT WITH
(1)-3/C NO. 6 POWER CABLE
IN TRENCH = 6'

GROUND MOUNTED CABINET
STA. 39+50.8, 78.9' RT.

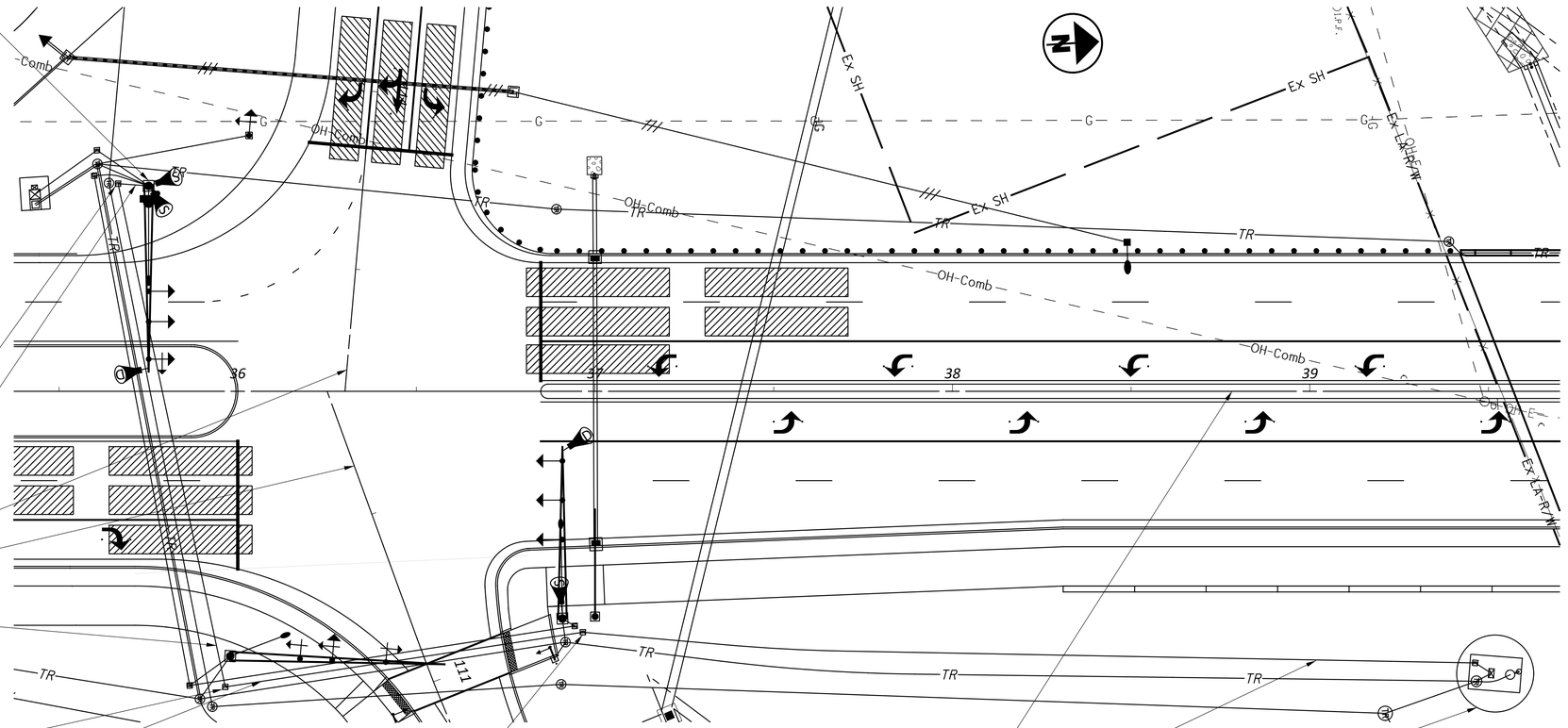
(4)-2" CONDUITS (PER ITS-10.11)
IN TRENCH = 5'

PULL BOX, 725.08, 32"
WITH STANDARD LID ASSEMBLY, TYPE 1
STA. 39+46.6, 81.2' RT.

CCTV POLE, 70' TALL
WITH CCTV CAMERA ROTATED 70 DEGREES AND LOWERING UNIT
STA. 39+56.1, 79.3' RT.
(SEE NOTE 1)

(2)-3" CONDUITS (PER ITS-10.11)
IN TRENCH = 10'

SP-1 WITH ITS POWER SERVICE DISCONNECT
STA. 35+75.1, 57.5' LT.
(SEE SIGNAL PLANS, SHEET P.1410 .)



ELECTRICAL PULL BOX, 18"
STA. 35+66.5, 58.1' LT.

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 9'

℄ CONST RAMP G

℄ CONST RAMP J

(1)-4" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 145'

ELECTRICAL PULL BOX, 18"
STA. 35+96.5, 82.8' RT.

(1)-4" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 102'

ELECTRICAL PULL BOX, 18"
STA. 36+96.6, 67.5' RT.

℄ CONST & R/W TAYLOR RD

(1)-2" CONDUIT WITH (1)-3/C NO. 6 POWER CABLE
IN TRENCH = 250'

SEE DETAIL 'A'

NOTES:

1. ORIENTATION ANGLE OF CCTV CAMERA IS MEASURED CLOCKWISE FROM AN INDEX LINE THAT'S PERPENDICULAR TO THE ℄ CONST & R/W TAYLOR RD.

2. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL
SCALE IN FEET
0 10 20 40

ITS PLAN - CCTV DETAILS
TAYLOR ROAD / IR 70 EB RAMPS

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SHEET P.1430 TOTAL P.2024

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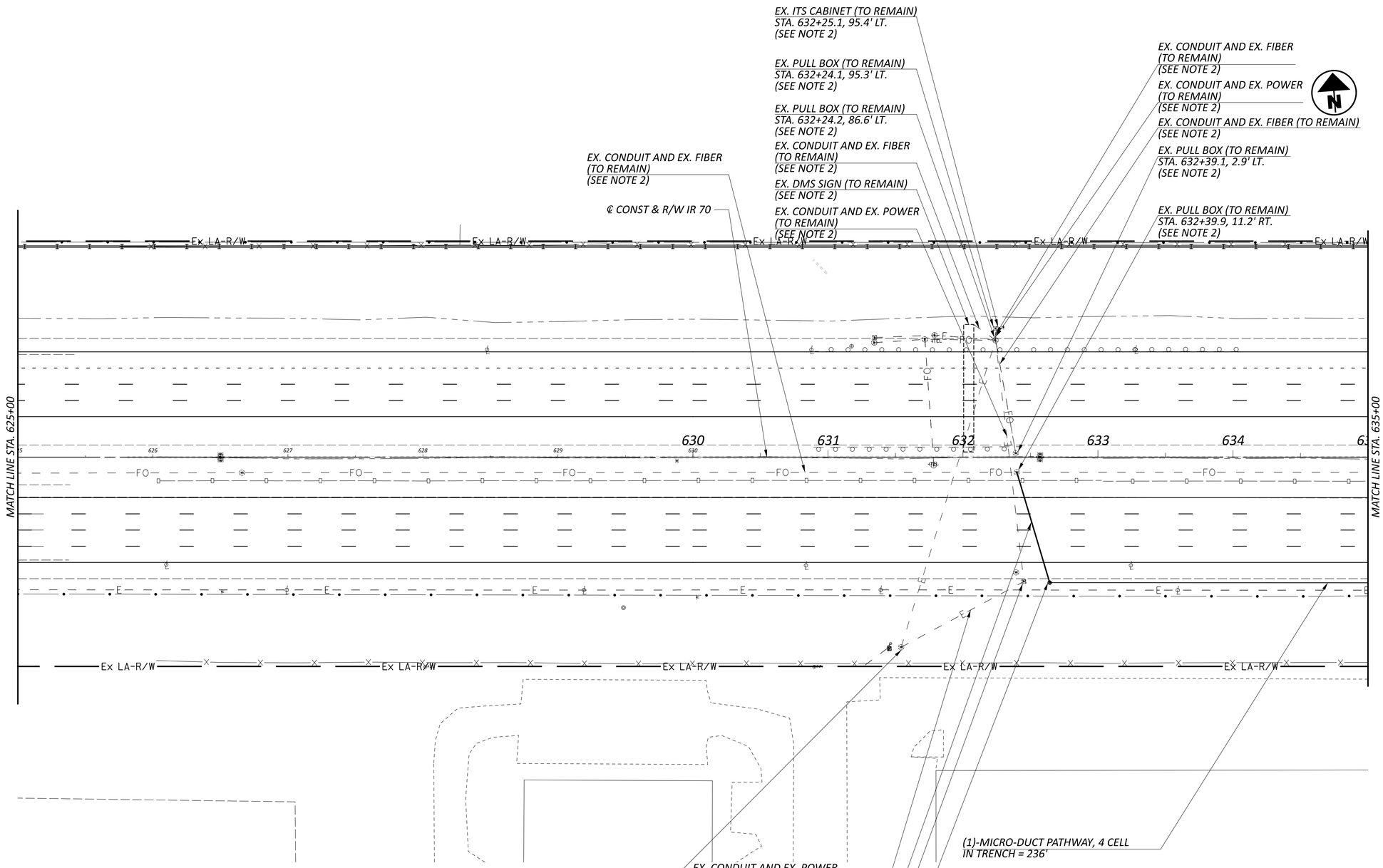

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
BEGIN TO STA. 635+00

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISTING ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT IT REMAINS OPERATIONAL FOR THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO DMS, CONDUIT, CABLES, CAMERAS AND PULL BOXES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.

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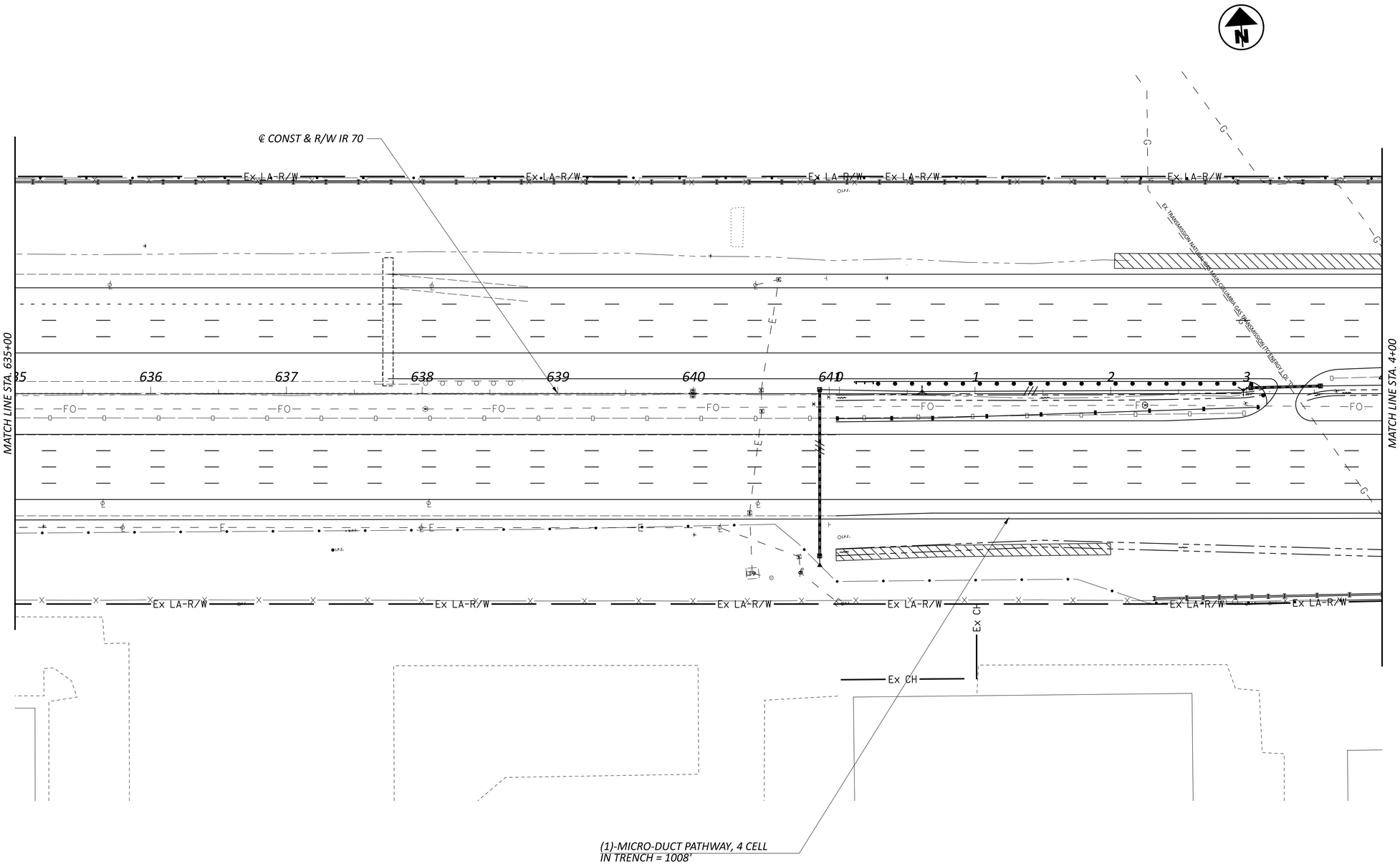
SHEET P.1431 TOTAL P.2024



HORIZONTAL SCALE IN FEET

0 20 40 80

ITS PLAN - IR 70
STA. 635+00 TO STA. 4+00

DESIGN AGENCY

GPD GROUP

DESIGNER
BCT

REVIEWER
KMG 07/31/26

PROJECT ID
96808

SHEET P.1432 TOTAL P.2024

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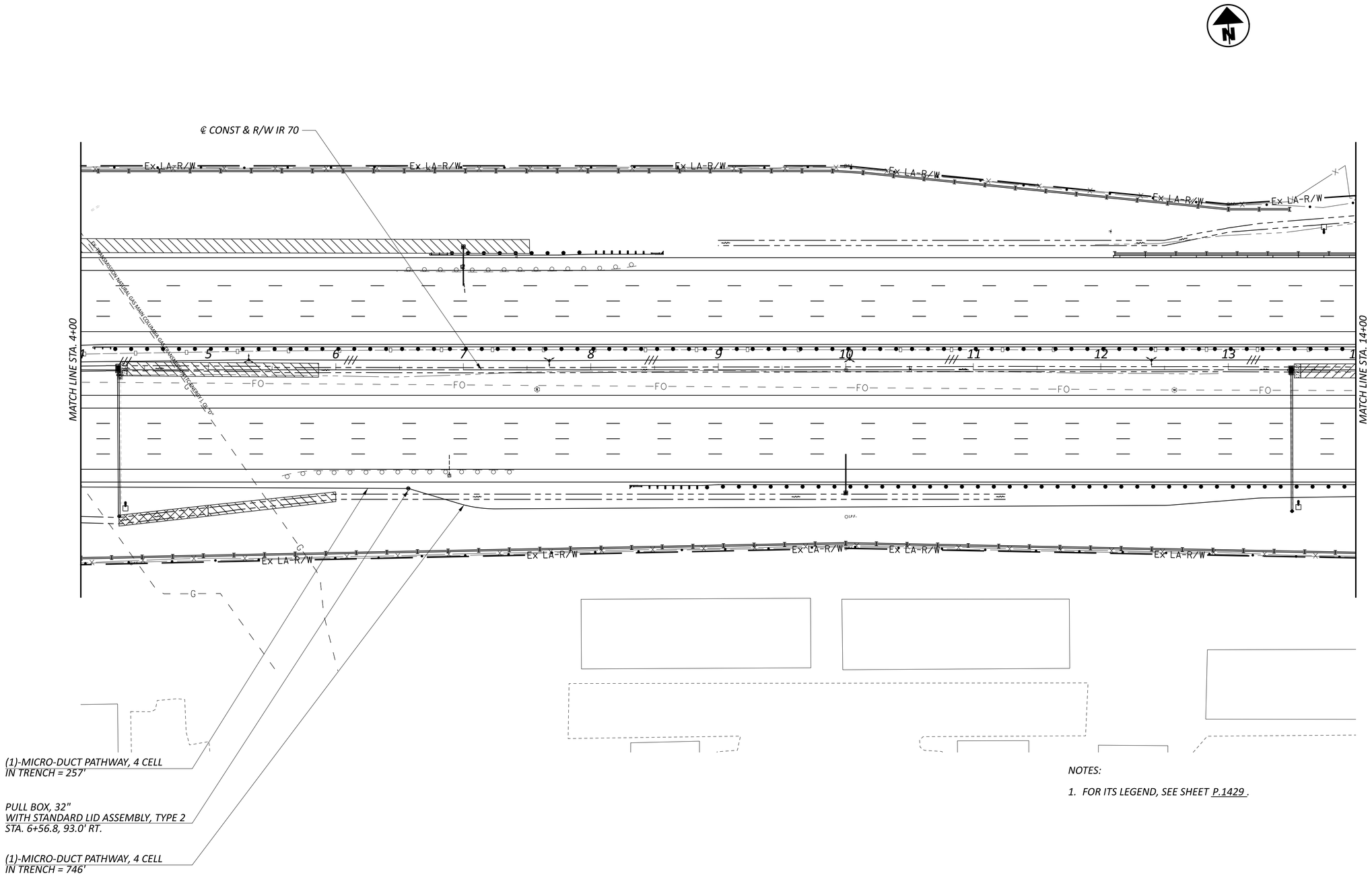

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET

0 20 40 80

ITS PLAN - IR 70
STA. 4+00 TO 14+00

DESIGN AGENCY

GPD GROUP®

DESIGNER: BCT

REVIEWER: KMG 07/31/26

PROJECT ID: 96808

SHEET: P.1433 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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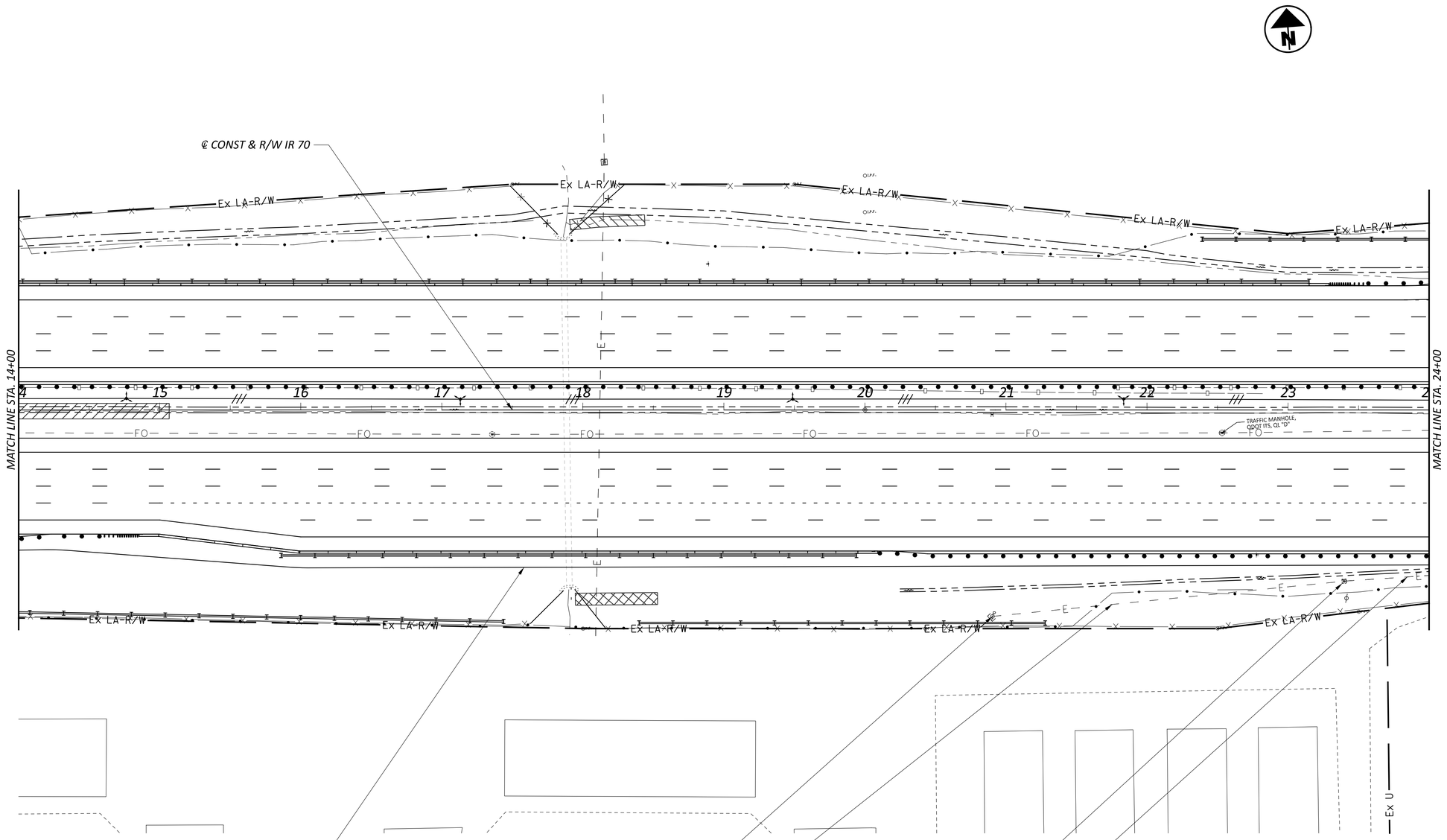

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 1001'

EXISTING UTILITY POLE (TO REMAIN)
WITH EXISTING POWER SOURCE (TO REMAIN)
STA. 20+90.4, 146.4' RT.
(SEE NOTE 2)

EX. CONDUIT AND POWER CABLE (TO REMAIN)
(SEE NOTE 2)

EX. PULL BOX (TO REMAIN)
STA. 23+39.8, 121.4' RT.
(SEE NOTE 2)

EX. CONDUIT AND POWER CABLE (TO REMAIN)
(SEE NOTE 2)

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISTING ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT IT REMAINS OPERATIONAL FOR THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO CONDUIT, CABLES, CAMERAS AND PULL BOXES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 14+00 TO STA. 24+00

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PROJECT ID
96808
SHEET P.1434 TOTAL P.2024

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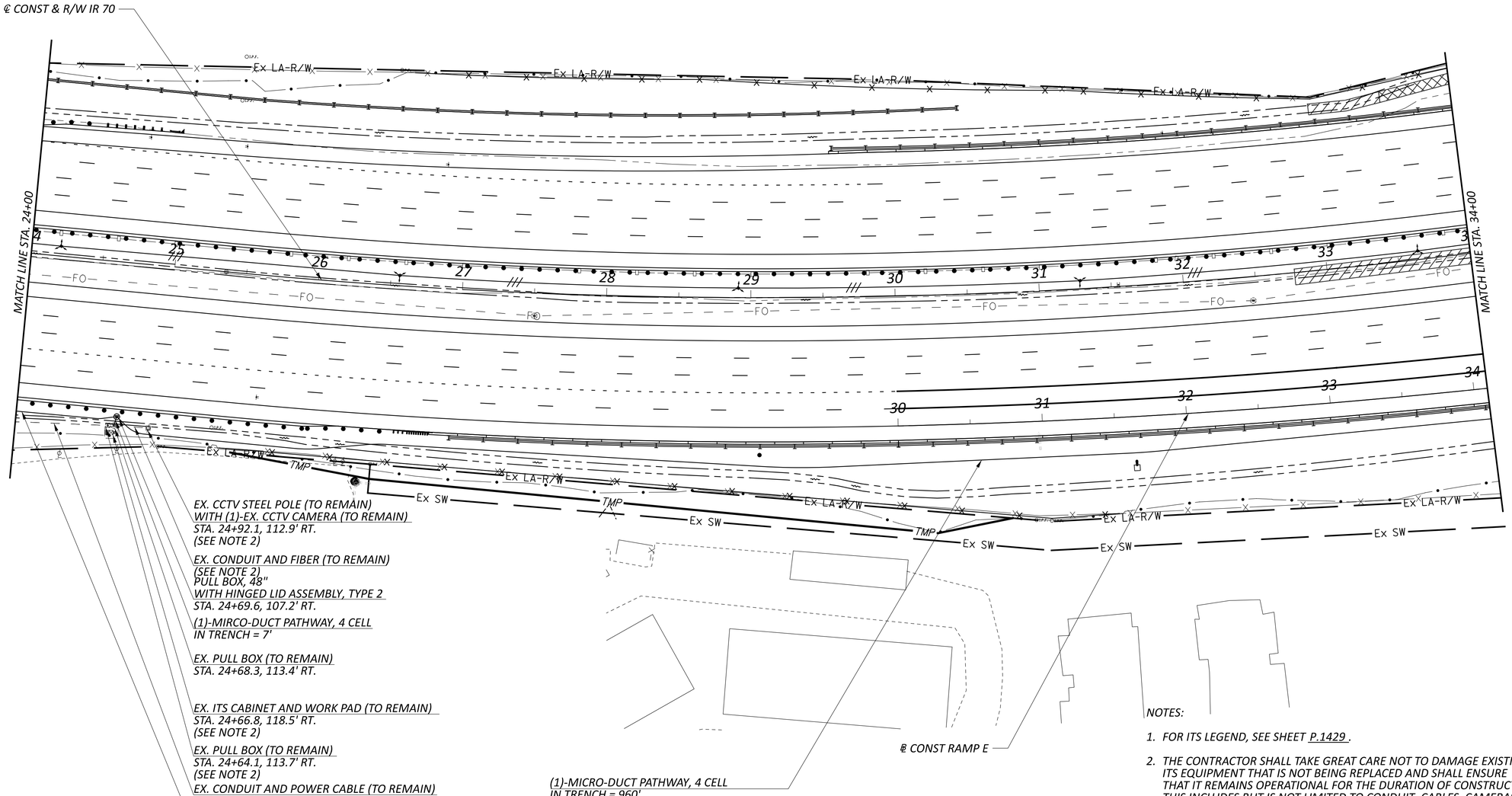

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISTING ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT IT REMAINS OPERATIONAL FOR THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO CONDUIT, CABLES, CAMERAS AND PULL BOXES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 24+00 TO STA. 34+00

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PROJECT ID 96808
SHEET P.1435 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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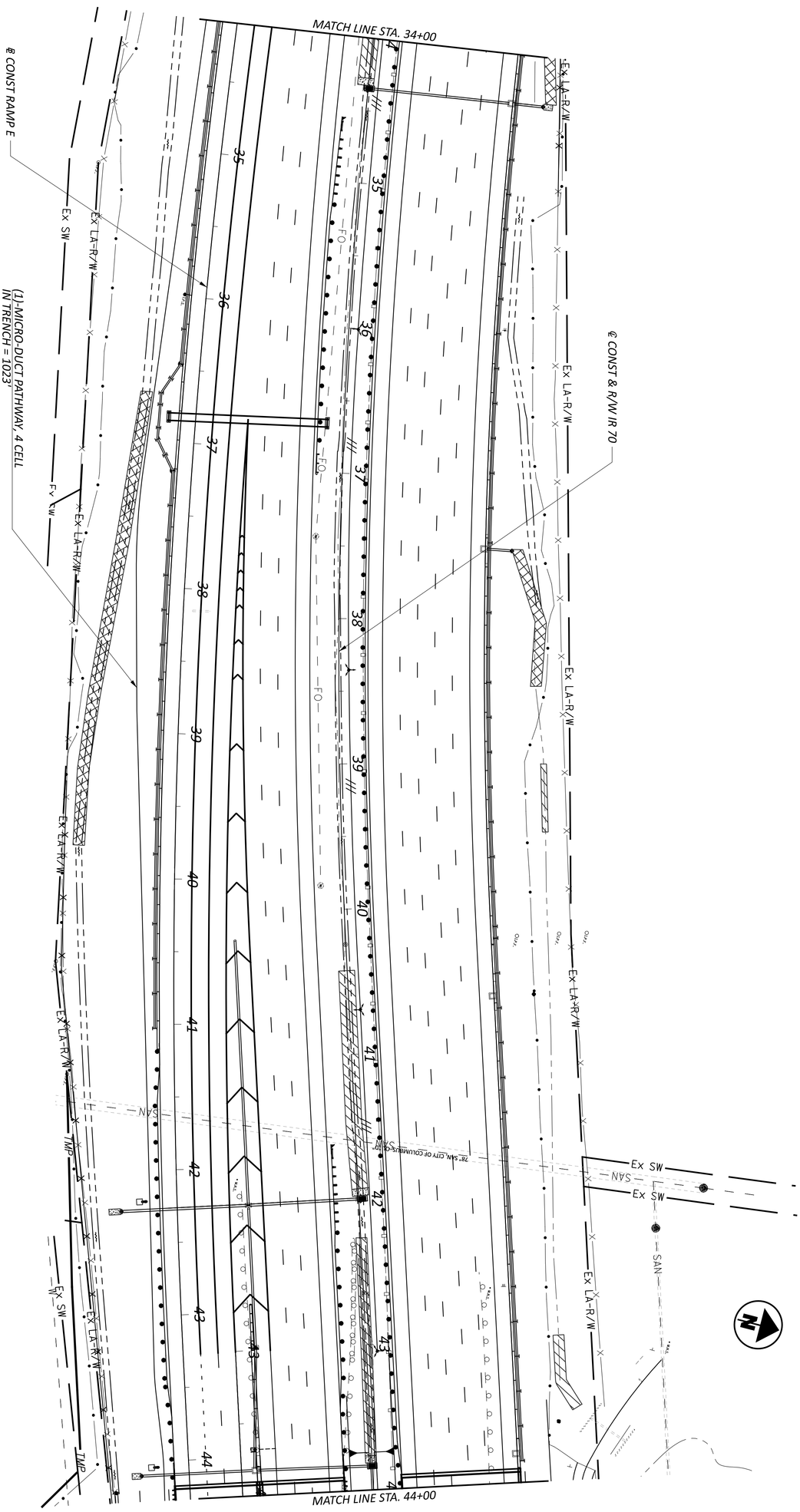

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429.
2. CONDUIT TO BE PLACED WITHIN THE BRIDGE PARAPET. SEE STRUCTURE DETAIL SHEETS FOR ADDITIONAL INFORMATION.

DESIGN AGENCY
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DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1436 TOTAL P.2024

ITS PLAN - MICRO-DUCT PATHWAY
STA. 34+00 TO STA. 44+00

HORIZONTAL SCALE IN FEET
0 40
20 80

℄ CONST BLACKLICK TRAIL

℄ CONST & R/W IR 70

℄ CONST RAMP A

Ex LA-R/W

Ex SW

TMP

HD

EX 16" WL CITY OF COLUMBUS, QL "D"

MATCH LINE STA. 44+00

MATCH LINE STA. 54+00

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 12'

PULL BOX, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 44+11.0, 143.9' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 24'
IN BRIDGE PARAPET = 148'
TOTAL = 172'
(SEE NOTE 2)

PULL BOX, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 45+77.2, 143.5' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 825'

℄ CONST RAMP E

℄ CONST RAMP E

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. CONDUIT TO BE PLACED WITHIN THE BRIDGE PARAPET.
   SEE STRUCTURE DETAIL SHEETS FOR ADDITIONAL INFORMATION.

HORIZONTAL
SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 44+00 TO STA. 54+00

DESIGN AGENCY
GPD GROUP*

DESIGNER
BCT

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KMG 07/31/26

PROJECT ID
96808

SHEET P.1437 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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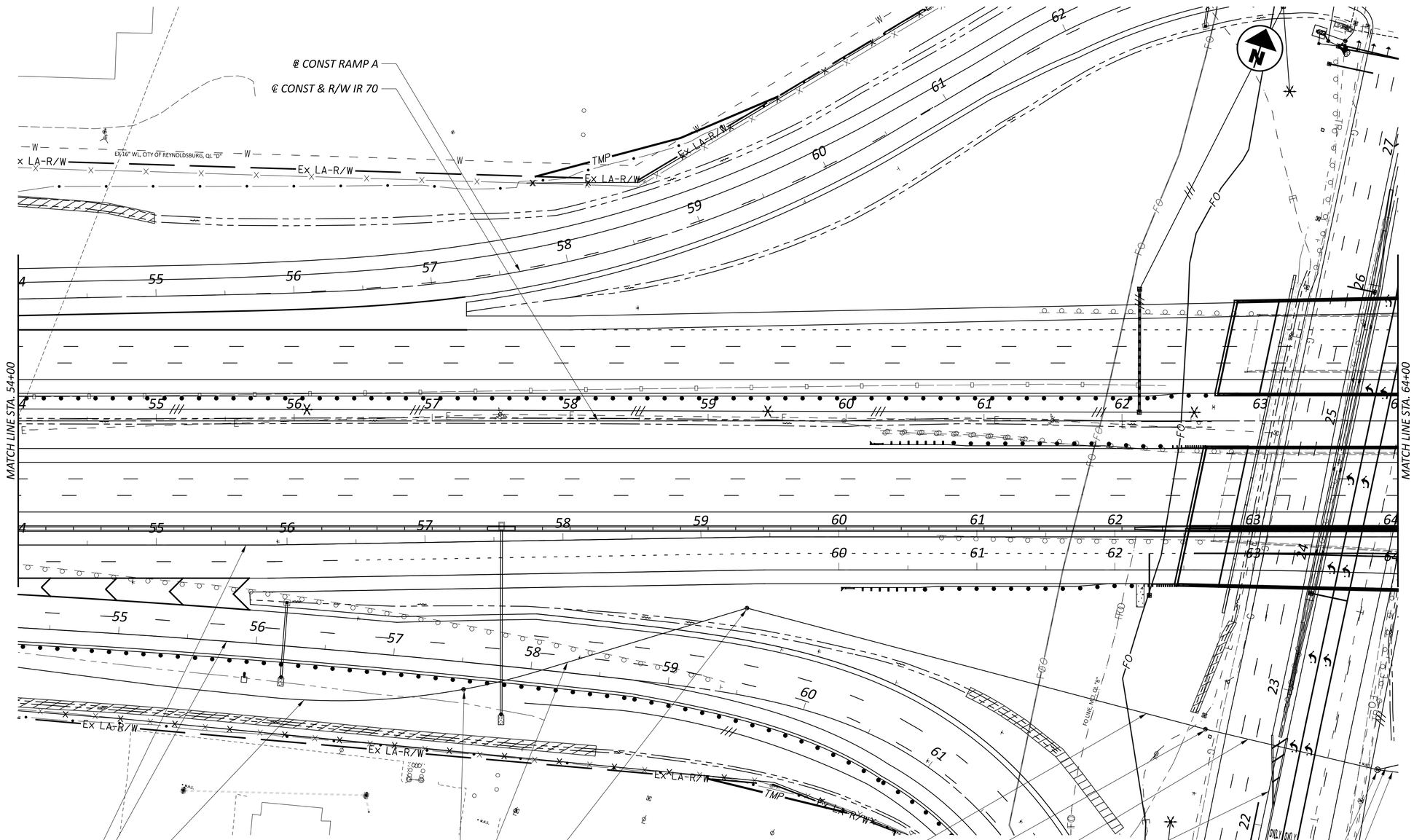

℄ CONST RAMP K

℄ CONST RAMP E

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 325'

PULL BOX, 32"
WITH HINGED LID ASSEMBLY, TYPE 2
STA. 57+22.8, 194.5' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL,
CONCRETE ENCASED
IN TRENCH = 214'

PULL BOX, 32"
WITH STANDARD LID ASSEMBLY, TYPE 2
STA. 59+28.2, 135.6' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 344'

PULL BOX, 32"
WITH STANDARD LID ASSEMBLY, TYPE 2
STA. 62+60.5, 223.4' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL
JACKED OR DRILLED = 129'

℄ CONST & R/W SR 256

PULL BOX, 48"
WITH STANDARD LID ASSEMBLY, TYPE 2
STA. 63+85.3, 252.8' RT.

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 16'

(1)-MICRO-DUCT PATHWAY, 4 CELL
IN TRENCH = 15'

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 54+00 TO STA. 64+00

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KMG 7/31/26

PROJECT ID
96808

SHEET P.1438 TOTAL P.2024

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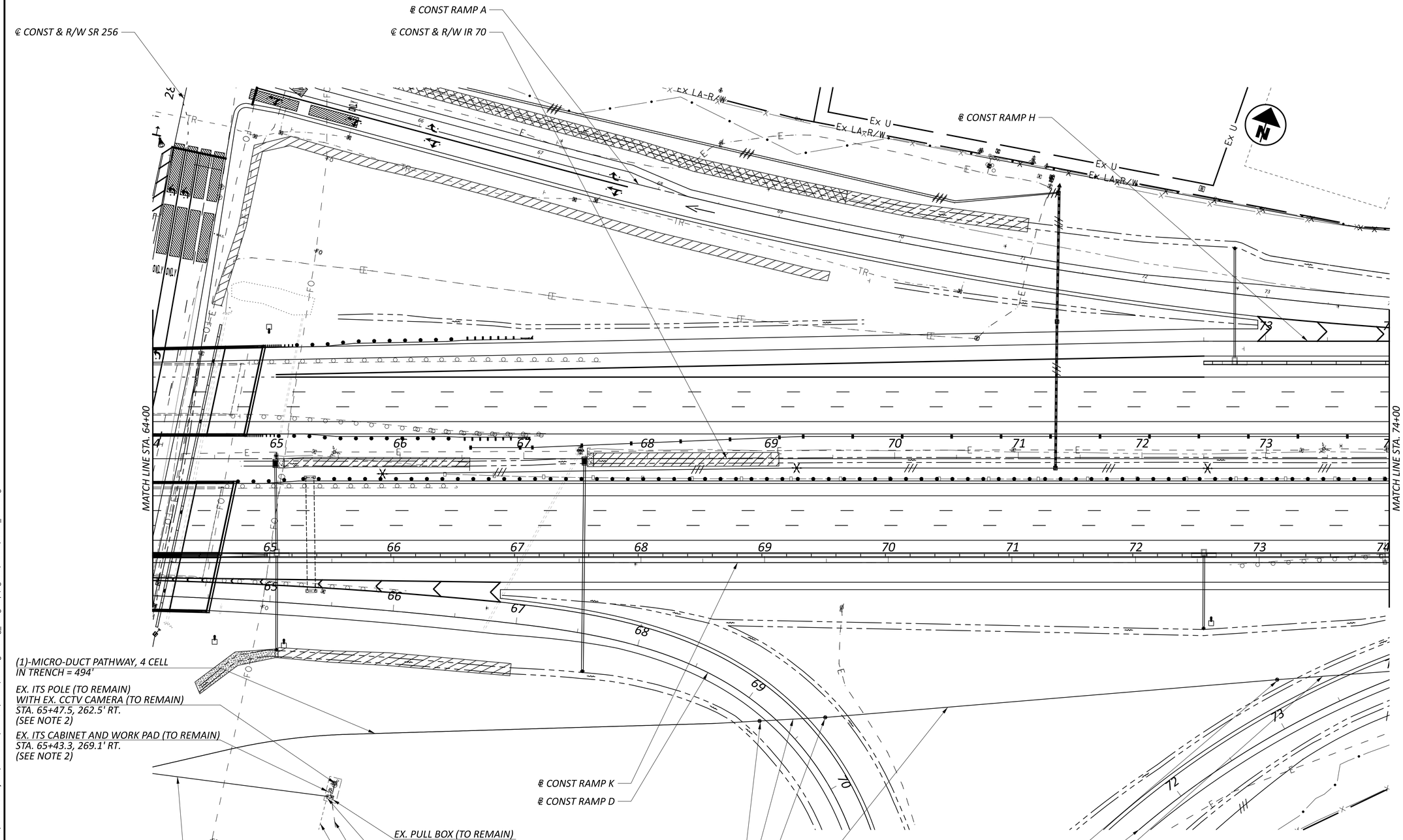

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE EXISITNG ITS EQUIPMENT THAT IS NOT BEING REPLACED AND SHALL ENSURE THAT THE EXISTING CCTV CAMERA REMAINS OPERATIONAL THROUGH THE DURATION OF CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO PULL BOXES, CCTV CAMERA, CAMERA POLE, CONDUIT AND CABLES. IF DETERMINED BY THE ENGINEER THAT THE ITS EQUIPMENT HAS BEEN DAMAGED DUE TO CONTRACTOR NEGLIGENCE, THEN THE CONTRACTOR SHALL REPLACE THE DAMAGED EQUIPMENT IN LIKE KIND AT THE CONTRACTOR'S COST.

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 64+00 TO STA. 74+00

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DESIGNER BCT
REVIEWER KMG 07/31/26
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SHEET P.1439 TOTAL P.2024

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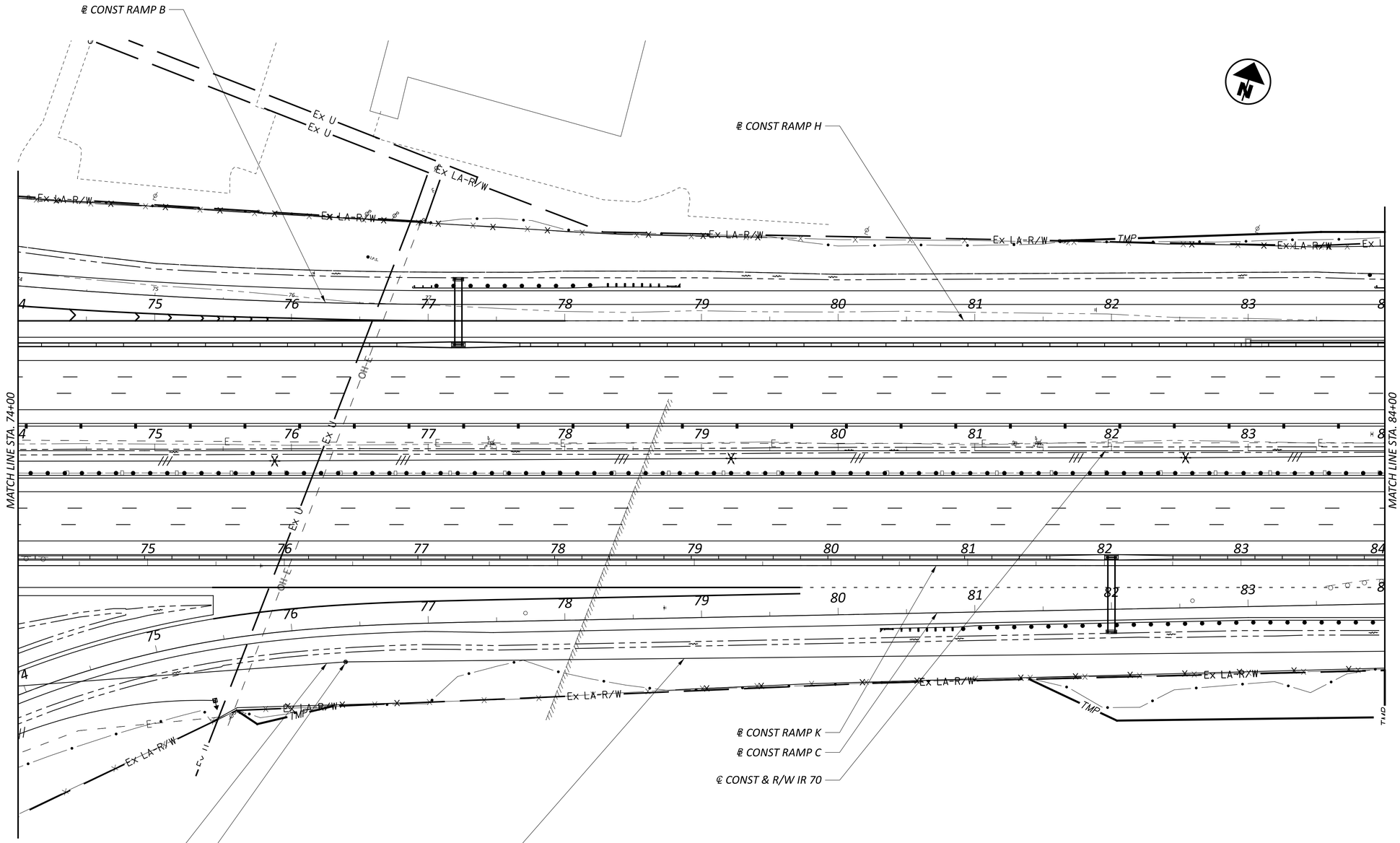

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 74+00 TO STA. 84+00

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REVIEWER KMG 07/31/26
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SHEET P.1440 TOTAL P.2024

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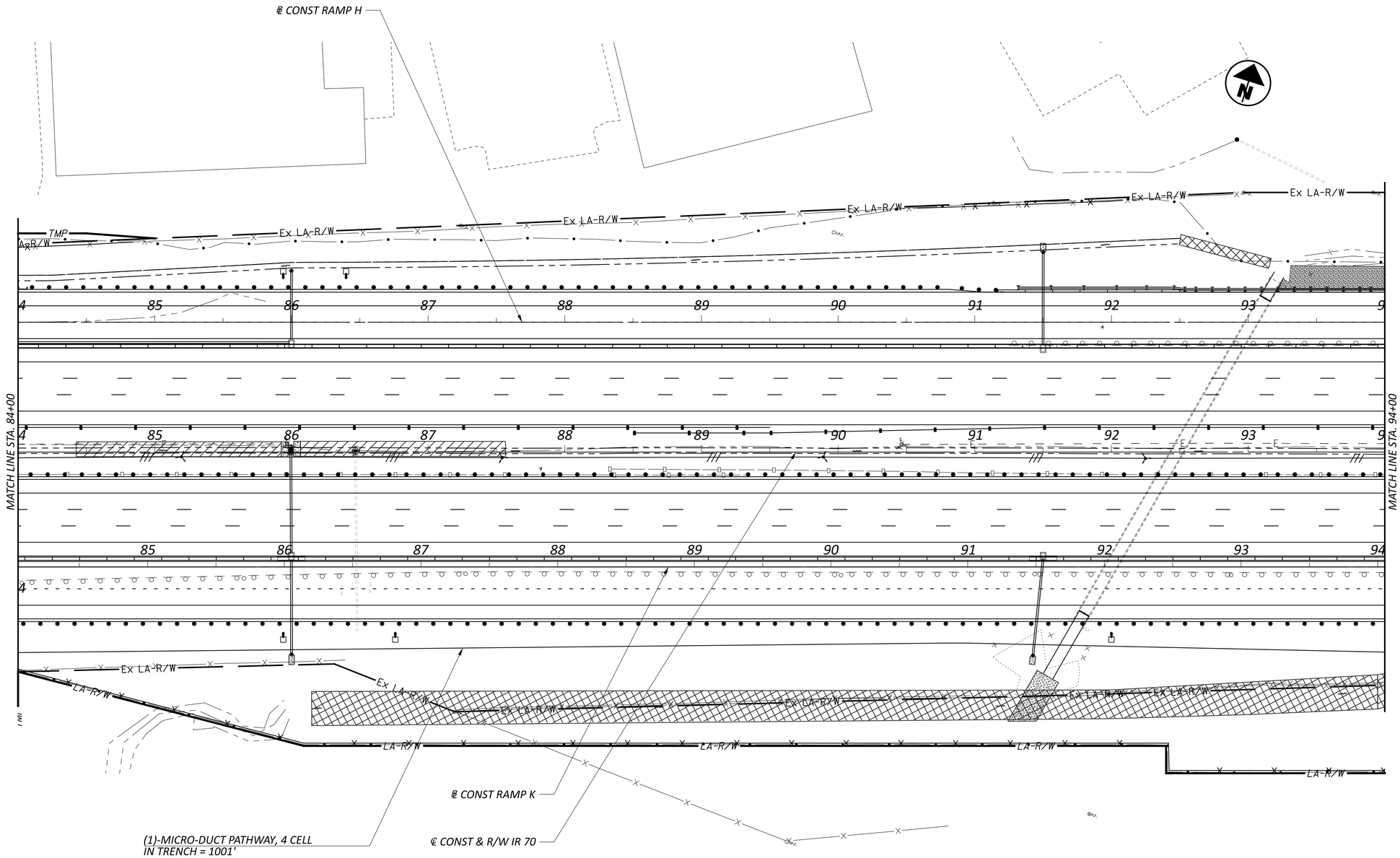
HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 84+00 TO STA. 94+00



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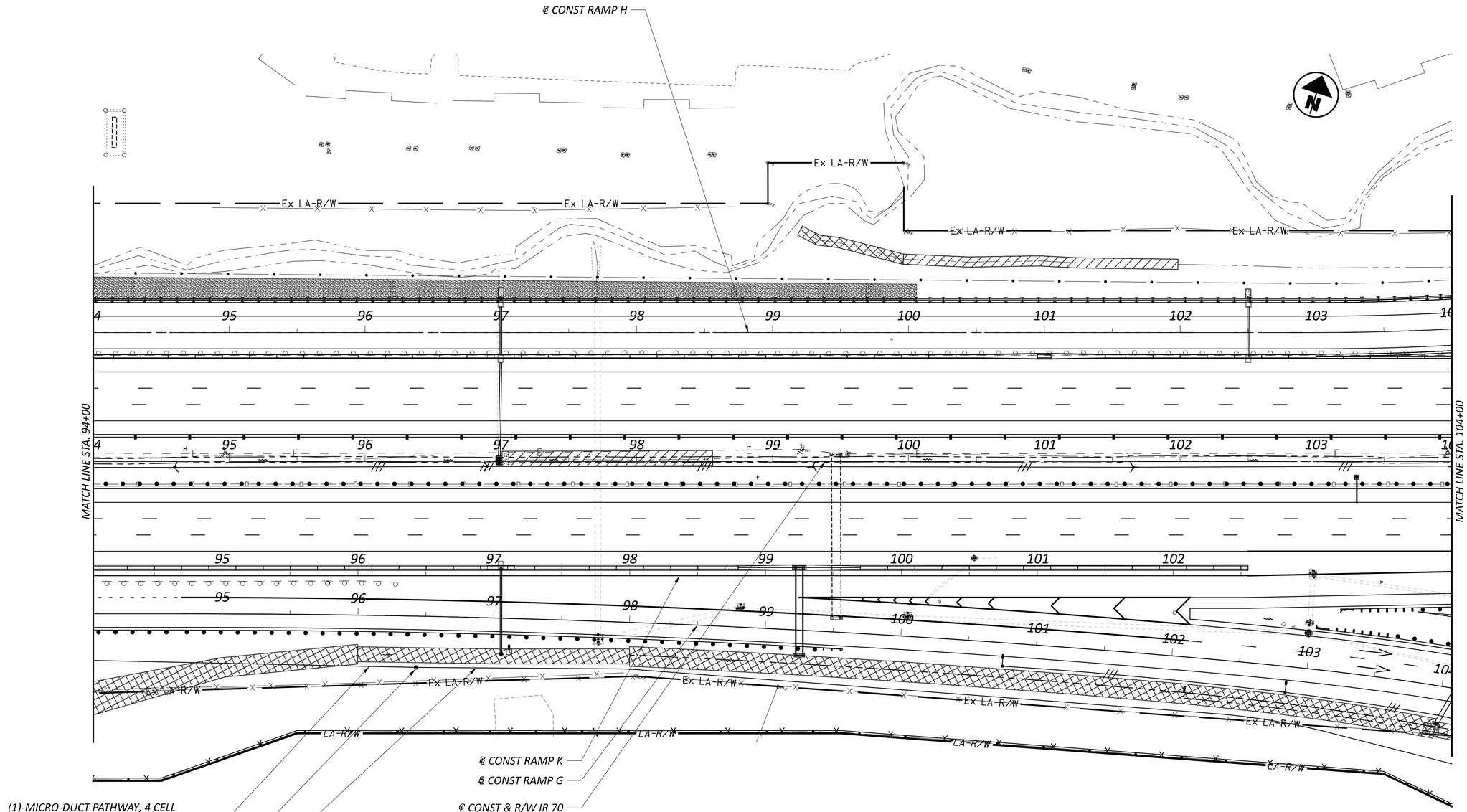
DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1441 TOTAL P.2024



NOTES:

1. *FOR ITS LEGEND, SEE SHEET P.1429 .*

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 94+00 TO STA. 104+00

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REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1442
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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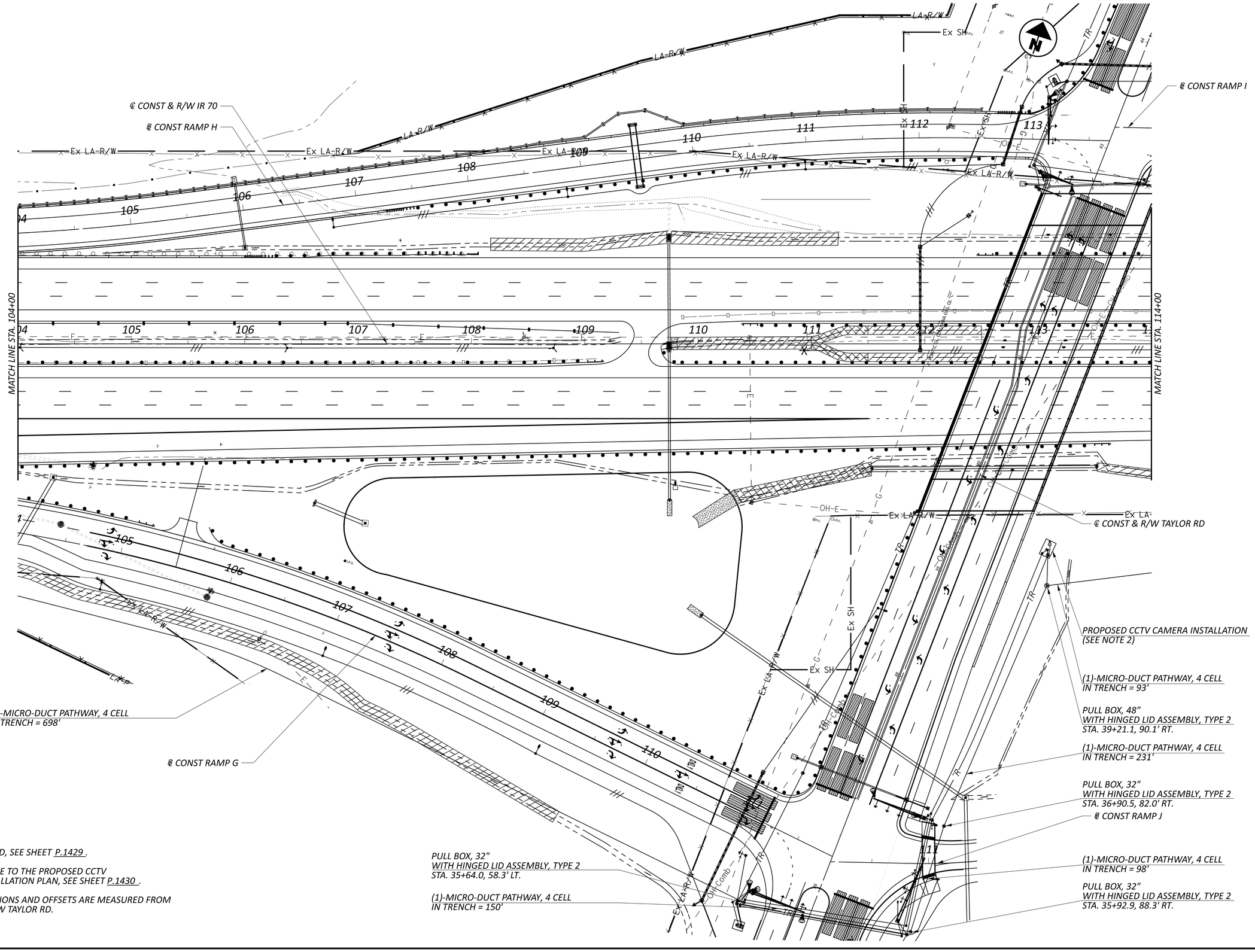

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. FOR REFERENCE TO THE PROPOSED CCTV CAMERA INSTALLATION PLAN, SEE SHEET P.1430 .
3. PULL BOX STATIONS AND OFFSETS ARE MEASURED FROM ℄ CONST & R/W TAYLOR RD.

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 104+00 TO STA. 114+00

DESIGN AGENCY
GPD GROUP®

DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1443
TOTAL	P.2024

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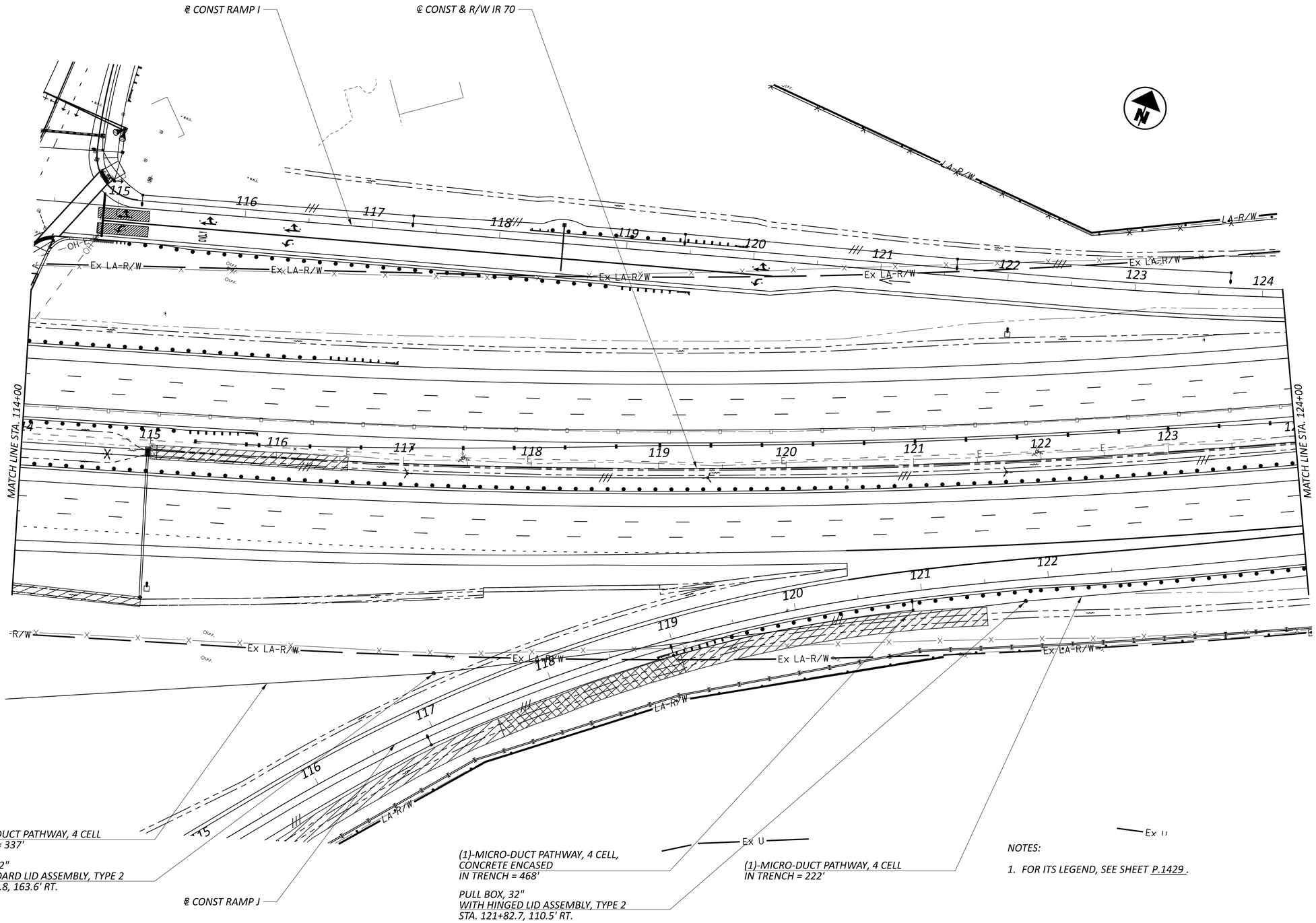

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 114+00 TO STA. 124+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP026 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:13:28 PM USER: BCTondra
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DESIGN AGENCY
GPD GROUP
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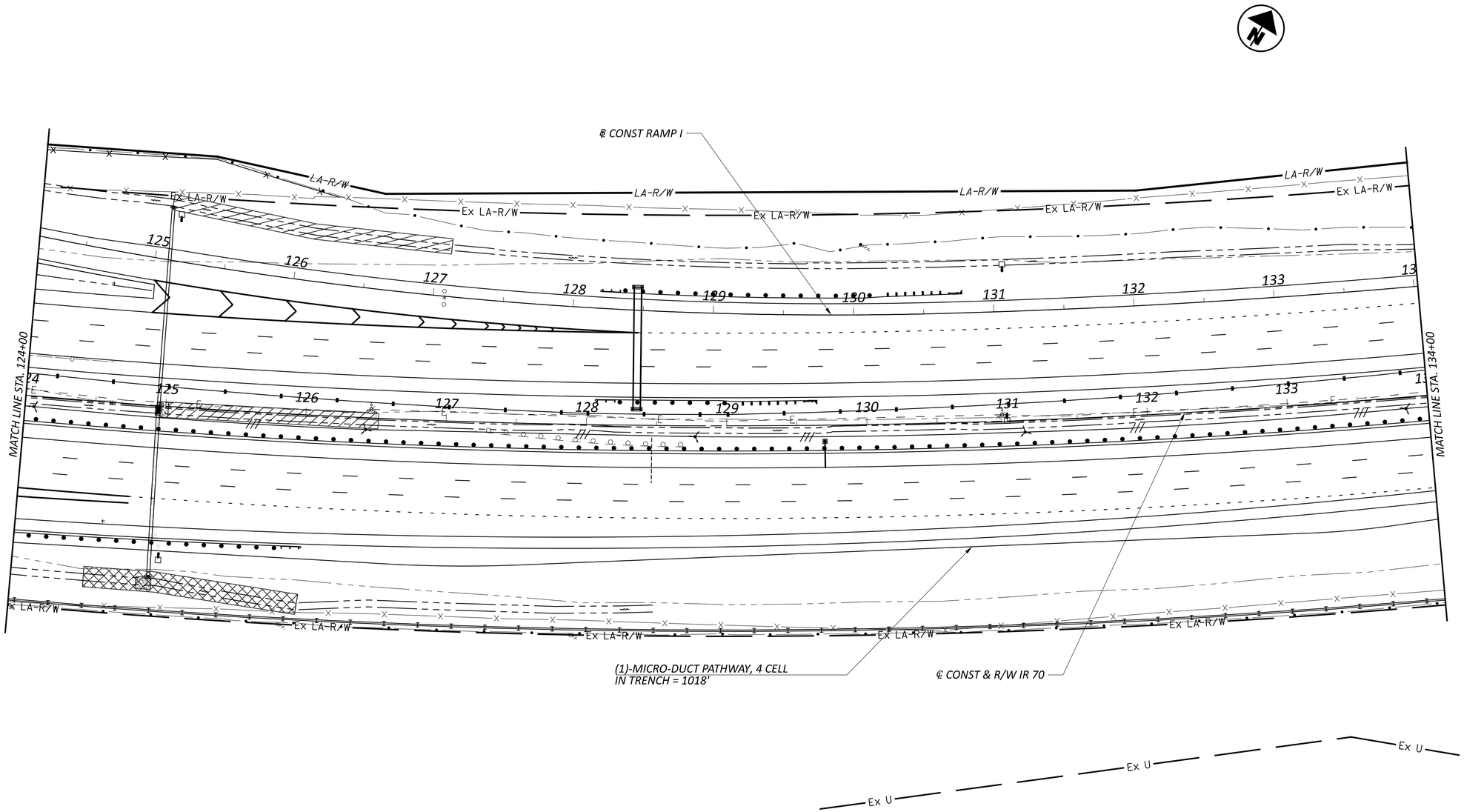
DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1444
TOTAL	P.2024



NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 124+00 TO STA. 134+00

DESIGN AGENCY
GPD GROUP

DESIGNER
BCT

REVIEWER
KMG 07/31/26

PROJECT ID
96808

SHEET P.1445 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP027 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:13:46 PM USER: BCTondra
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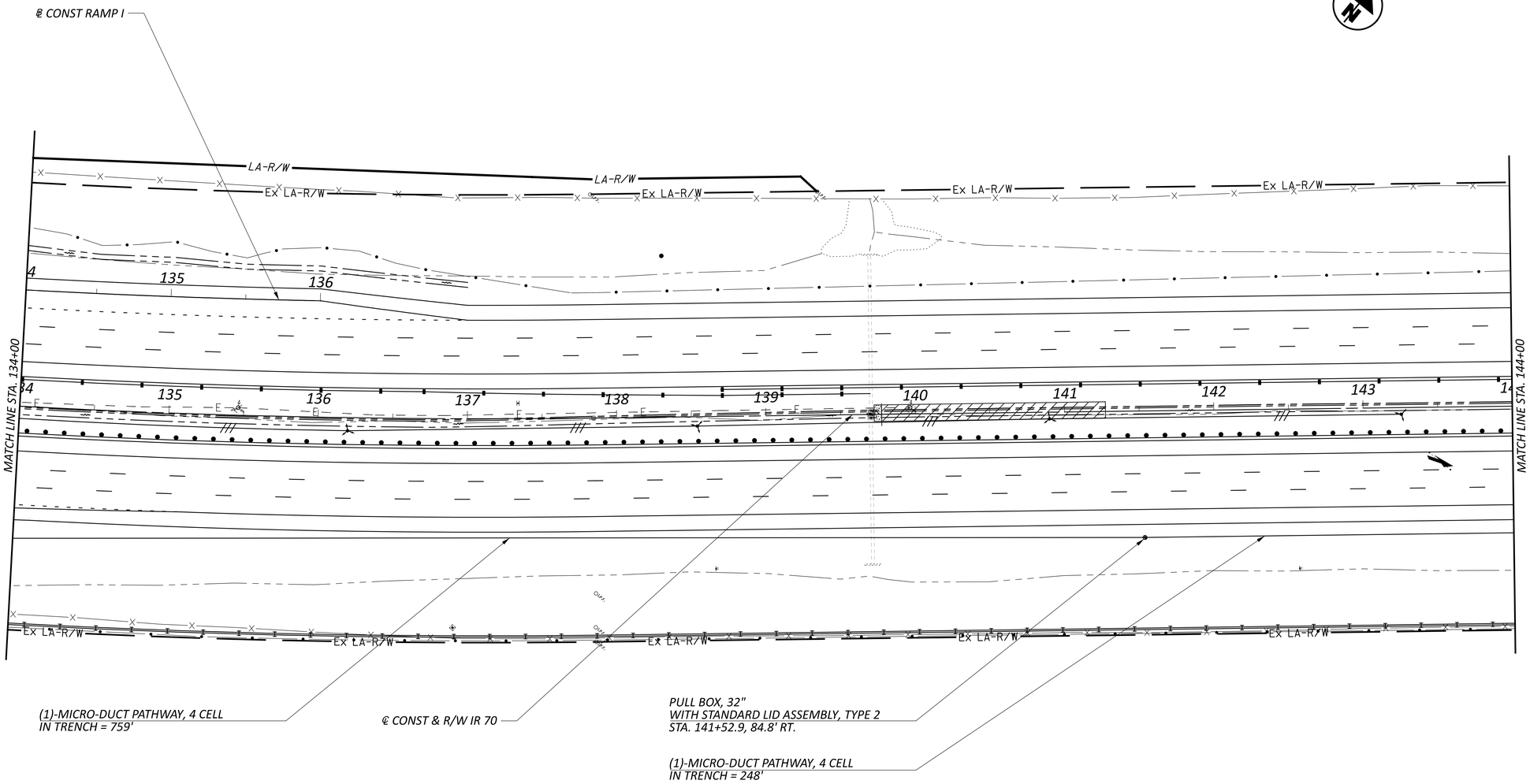

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 134+00 TO STA. 144+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP028 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:14:16 PM USER: BCTondra
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DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1446
TOTAL	P.2024

NOTES:

1. *FOR ITS LEGEND, SEE SHEET P.1429 .*

HORIZONTAL
SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 144+00 TO STA. 154+00

DESIGN AGENCY
GPD GROUP*

DESIGNER
BCT

REVIEWER
KMG 07/31/26

PROJECT ID
96808

SHEET P.1447 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP029 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:14:35 PM USER: BCTondra
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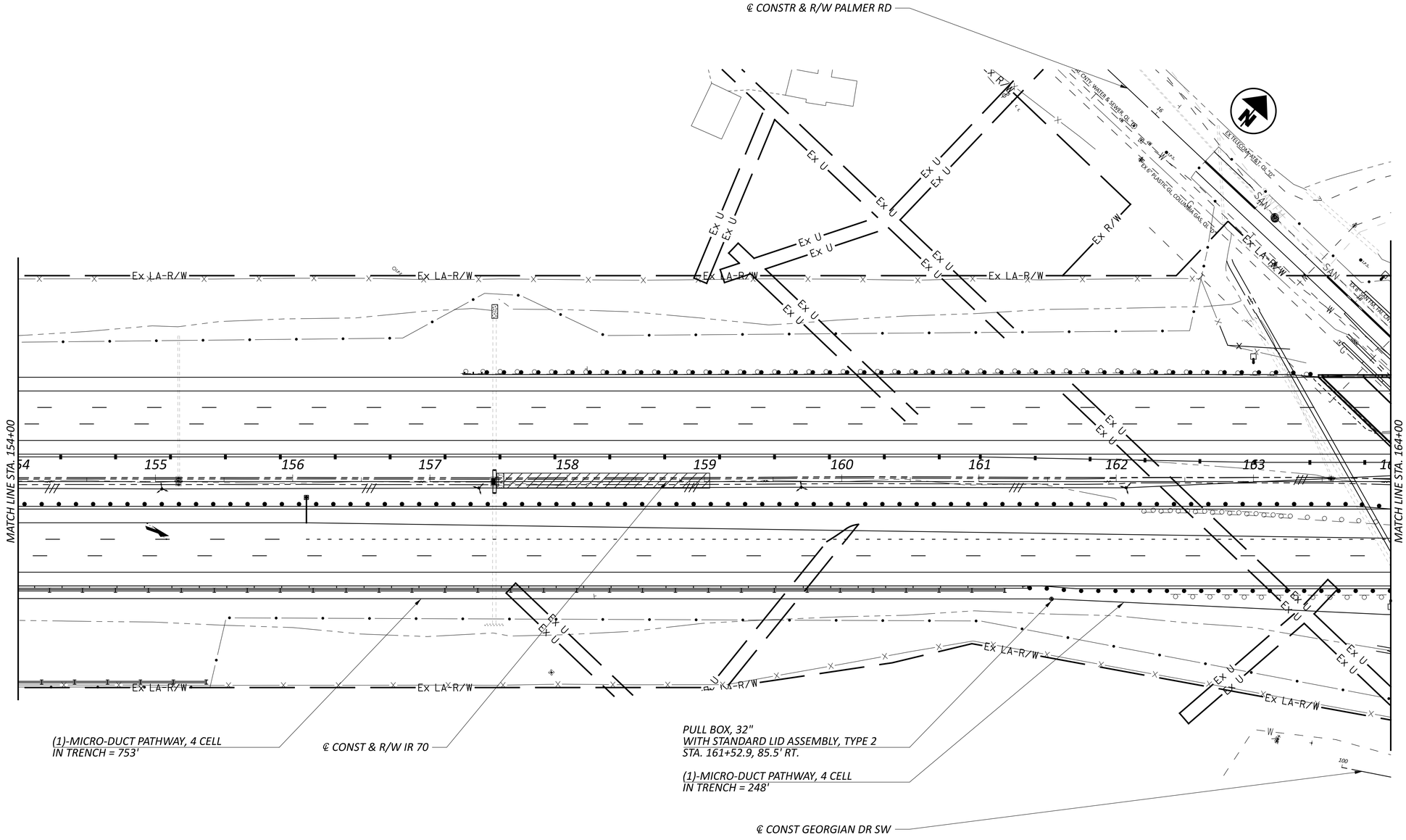

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL
SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 154+00 TO STA. 164+00

DESIGN AGENCY
GPD GROUP*

DESIGNER
BCT

REVIEWER
KMG 07/31/26

PROJECT ID
96808

SHEET P.1448 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP030 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:14:48 PM USER: BCTondra
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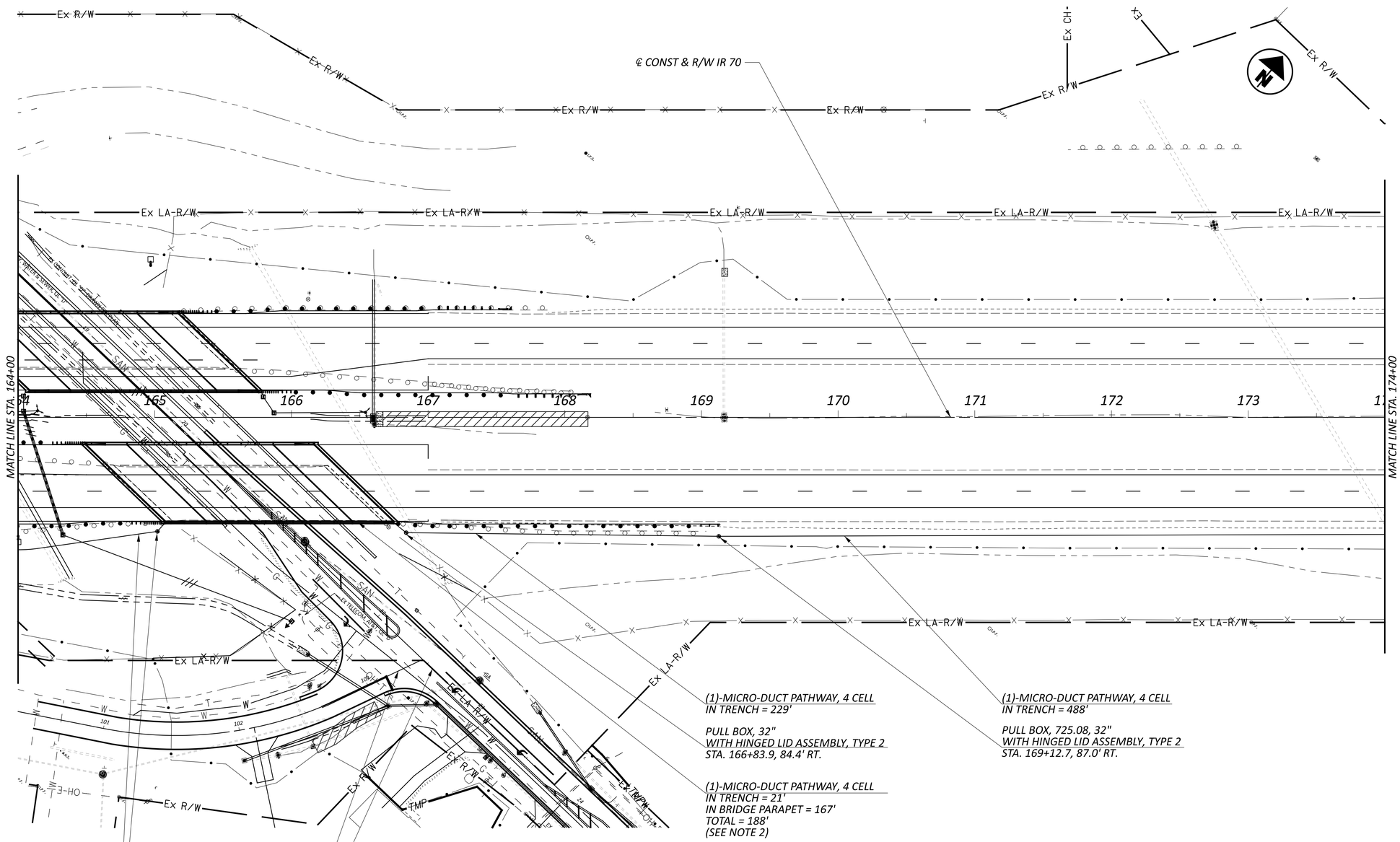

NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .
2. CONDUIT TO BE PLACED WITHIN THE BRIDGE PARAPET. SEE STRUCTURE DETAIL SHEETS FOR ADDITIONAL INFORMATION.

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 164+00 TO STA. 174+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP031 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:15:09 PM USER: BCTondra
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GPD GROUP
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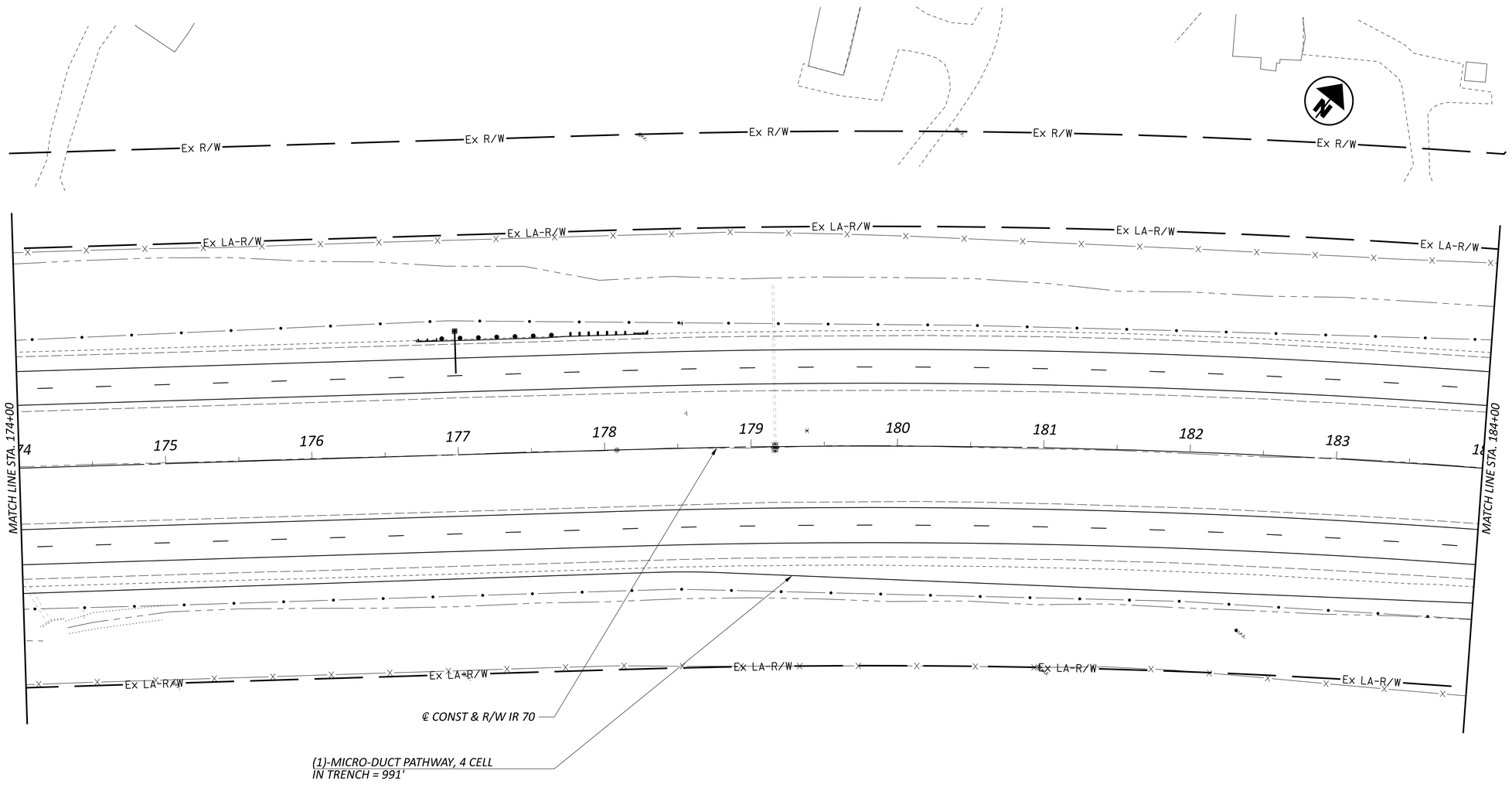
DESIGNER BCT
REVIEWER KMG 07/31/26
PROJECT ID 96808
SHEET P.1449 TOTAL P.2024



NOTES:

1. FOR ITS LEGEND, SEE SHEET P.1429 .

HORIZONTAL
SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 174+00 TO STA. 184+00

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DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1450
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP032 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:15:28 PM USER: BCTondra
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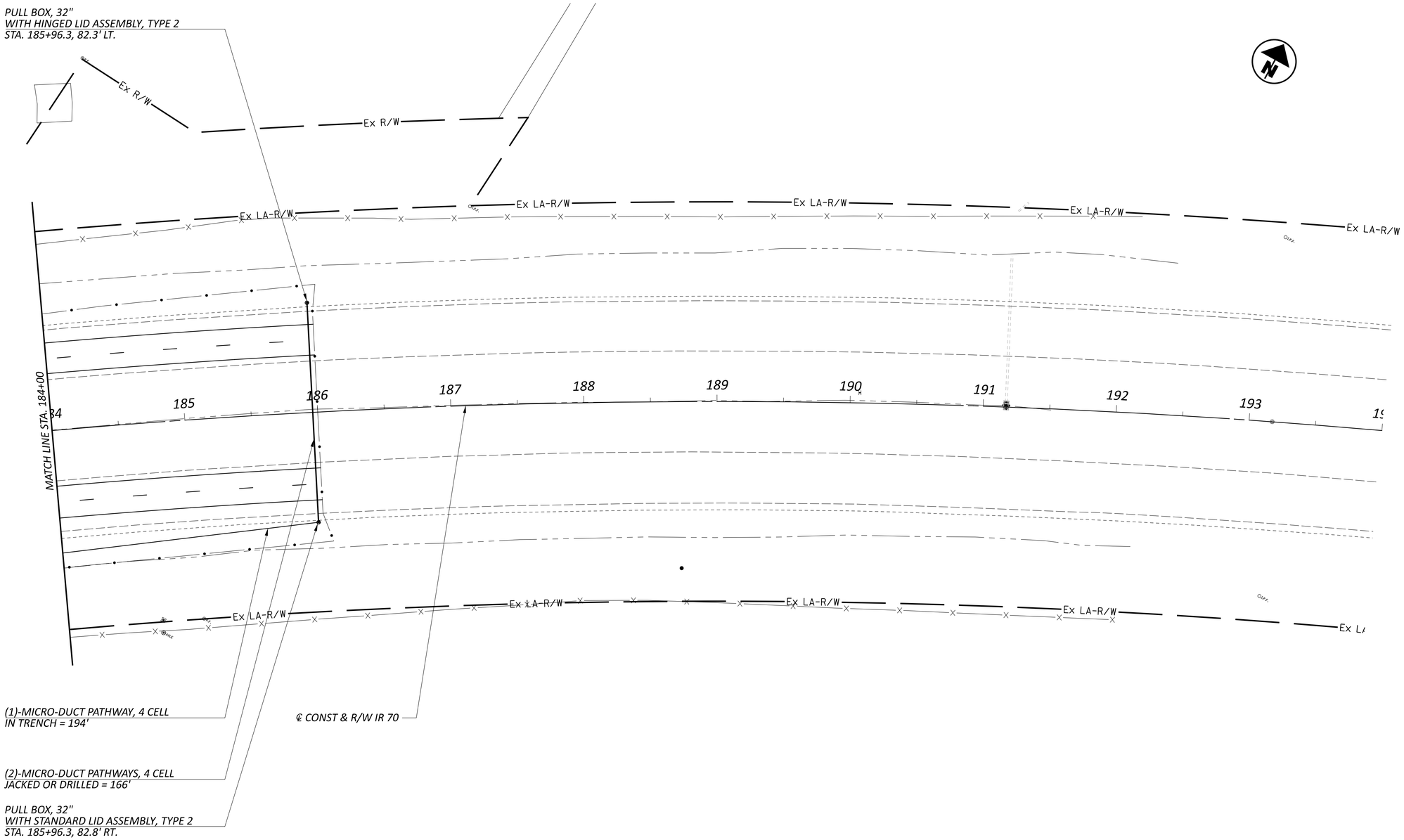

NOTES:

1. *FOR ITS LEGEND, SEE SHEET P.1429 .*

HORIZONTAL SCALE IN FEET
0 20 40 80

ITS PLAN - IR 70
STA. 184+00 TO END

DESIGN AGENCY
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DESIGNER	BCT
REVIEWER	KMG 07/31/26
PROJECT ID	96808
SHEET	P.1451
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_CP033 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:15:50 PM USER: BCTondra
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PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYED IN ACCORDANCE WITH C&MS 631.06. PAYMENT SHALL BE INCLUDED IN THE BID FOR THE ITEM(S) BEING LOCKED.

SPECIAL, MAINTAIN EXISTING LIGHTING

EXISTING ROADWAYS WHICH ARE TO REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION OF THIS PROJECT AND WHICH ARE LIGHTED SHALL HAVE THE LIGHTING MAINTAINED AS DESCRIBED HEREIN.

BEFORE ANY WORK IS STARTED IN THE IMMEDIATE VICINITY OF THE EXISTING LIGHTING CIRCUITS, REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE EXISTING ROADWAY LIGHTING CIRCUITS TO BE MAINTAINED. DURING THIS INSPECTION, A WRITTEN RECORD OF THE CONDITION OF EXISTING LIGHTING SHALL BE MADE BY ODOT'S REPRESENTATIVE. THIS WRITTEN REPORT SHALL NOTE INDIVIDUAL LUMINAIRES WHICH ARE NOT IN WORKING ORDER, INDIVIDUAL POLES WHICH ARE NOT STANDING, AND INDIVIDUAL CIRCUITS WHICH ARE NOT IN WORKING ORDER. THE COMPLETED REPORT SHALL BE SIGNED BY THE REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR.

IF, AS A RESULT OF THIS INSPECTION, IT IS DETERMINED THAT THE CONDITION OF THE EXISTING SYSTEM IS BELOW THAT REQUIRED FOR THE SAFETY OF THE TRAVELING PUBLIC, THEN THE MAINTAINING AGENCY SHALL MAKE THE REPAIRS NECESSARY TO RETURN THE SYSTEM TO AN ACCEPTABLE CONDITION. FOLLOWING THESE REPAIRS, THE SYSTEM SHALL AGAIN BE INSPECTED AND A REPORT SHALL BE MADE AND SIGNED AS OUTLINED HEREIN.

WHEN THE EXISTING SYSTEM IS IN AN ACCEPTABLE CONDITION, IT SHALL BE TURNED OVER TO THE CONTRACTOR WHO SHALL THEN BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING TO THE CONDITION OUTLINED IN THIS REPORT WITH THE EXCEPTION OF KNOCKDOWNS DUE TO TRAFFIC ACCIDENTS.

REPLACEMENT OF KNOCKED DOWNED UNITS SHALL BE DONE ONLY WHEN THE ENGINEER HAS DETERMINED THAT THE REPLACEMENT OF THE KNOCKED DOWN UNIT IS NECESSARY AND SHALL BE PAID SEPARATELY ON A UNIT BASIS.

BETTERMENTS SHALL BE COVERED IN ITEMS OF WORK PERTAINING TO THE CONSTRUCTION OF PERMANENT IMPROVEMENT.

WHEN THE SEQUENCE OF CONSTRUCTION ACTIVITIES REQUIRES, OR SHOULD THE CONTRACTOR DESIRE, THE REMOVAL OF THE EXISTING LIGHTING BEFORE THE NEW LIGHTING IS OPERATIONAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING OF THIS PORTION OF THE ROADWAY.

PRIOR TO INSTALLING SUCH LIGHTING, THE CONTRACTOR SHALL PREPARE AND SUBMIT FOUR SETS OF THE TEMPORARY LIGHTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.

THIS PLAN SHALL SHOW LOCATIONS OF POLES, LENGTHS OF BRACKET ARMS, STYLES OF LUMINAIRES, MOUNTING HEIGHTS, WIRING METHODS AND OTHER PERTINENT INFORMATION. THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 1.2 FOOTCANDLES WITH AN AVERAGE TO MINIMUM UNIFORMITY NOT TO EXCEED 3:1. MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET, AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING.

ALL MATERIALS NECESSARY TO COMPLETE THE TEMPORARY LIGHTING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. WHEN NO LONGER NEEDED, THE TEMPORARY LIGHTING INSTALLATION SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

WHEN THE PROJECT BEGINS AND THE CONTRACTOR HAS TAKEN OVER MAINTENANCE OF THE EXISTING FACILITIES, THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED LAYOUTS AND LOCATIONS OF THE EXISTING AND PROPOSED ELECTRICAL CIRCUITS AND RELATED ITEMS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND ELECTRICAL CIRCUITS (INCLUDING TRAFFIC LOOPS AND LOOP LEAD-INS) FOR THE DURATION OF THE PROJECT.

THE MAINTAINING AGENCY WILL PAY FOR ELECTRICAL ENERGY CONSUMED BY EXISTING POWER SERVICES AND BY PROPOSED PERMANENT POWER SERVICES AFTER ACCEPTANCE OF THE LIGHTING WORK. THE CONTRACTOR WILL PAY FOR ELECTRICAL ENERGY, INSTALLATION, REMOVAL AND MAINTENANCE OF ANY TEMPORARY POWER SERVICES.

THE LUMP SUM PRICE BID FOR ITEM SPECIAL "MAINTAIN EXISTING LIGHTING" SHALL INCLUDE PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO MAINTAIN THE EXISTING LIGHTING AS SPECIFIED HEREIN.

THE UNIT PRICE BID FOR ITEM SPECIAL "REPLACEMENT OF EXISTING LIGHTING UNIT" SHALL BE FULL PAYMENT FOR THE REPLACEMENT OF AN EXISTING LIGHTING UNIT WHICH HAS BEEN KNOCKED DOWN AFTER THE AFOREMENTIONED INSPECTION AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE A REPLACEMENT FOR SUCH UNIT.

CONDUIT EXPANSION AND DEFLECTION

EXPANSION FITTINGS SHALL BE OZ TYPE AX, CROUSE HINDS TYPE XJG, OR EQUAL APPROVED BY THE ENGINEER. EACH EXPANSION FITTING SHALL PROVIDE EITHER 4 OR 8 INCHES TOTAL MOVEMENT AS SPECIFIED BY THE PLAN DETAILS AND SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS.

DEFLECTION COUPLINGS SHALL BE OZ TYPE DX, CROUSE HINDS TYPE XD, OR EQUAL APPROVED BY THE ENGINEER. EACH DEFLECTION COUPLING SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS. MINIMUM DEFLECTION CAPABILITY: 25 DEGREES.

EXPANSION AND DEFLECTION FITTINGS FULLY OR PARTIALLY EMBEDDED IN CONCRETE, SOIL, OR SIMILAR MATERIAL SHALL BE COMPLETELY WRAPPED IN A NEOPRENE SLEEVE OR SHEET OF 1/2-INCH MINIMUM THICKNESS. SECURE NEOPRENE WRAP WITH TIE-WRAPS PRIOR TO EMBEDMENT OF THE FITTING.

625, CONDUIT CLEANED AND CABLES REMOVED

THIS ITEM SHALL CONSIST OF CLEANING AN EXISTING CONDUIT BY REMOVING EXISTING CABLES, MUD AND DEBRIS SO THAT NEW CABLE CAN BE INSTALLED. INCIDENTAL TO THE CLEANING IS THE INSTALLATION OF BUSHINGS AND/OR COUPLINGS ON THE ENDS OF EXISTING CONDUIT AS REQUIRED. MATERIALS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR PROPER DISPOSAL OFF OF THE PROJECT SITE. DISTURBED AREAS SHALL BE PROPERLY RESTORED.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER C&MS ITEM 625, "CONDUIT CLEANED AND CABLES REMOVED" PER FOOT OF CONDUIT CLEANED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625, LIGHT POLE, INSTALLATION ONLY, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF INSTALLING AN EXISTING LIGHT POLE REMOVED FROM THE PREVIOUS LOCATION ON THE PROJECT OR SUPPLIED TO THE PROJECT SITE BY OTHERS.

THE LIGHT POLE SHALL BE CLEANED AND REPAIRS NEEDED FOR THE POLE TO BE IN GOOD SERVICEABLE CONDITION MADE. THE EXISTING POLE NUMBER DECAL SHALL BE REMOVED IF IT IS IN POOR CONDITION OR THE POLE NUMBER HAS CHANGED. A POLE NUMBER DECAL SHALL BE SUPPLIED AND APPLIED IF THE EXISTING DECAL IS REMOVED OR MISSING.

WHEN REQUIRED, NEW ANCHOR BOLTS SHALL BE FURNISHED AS PART OF THIS ITEM.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER ITEM 625, LIGHT POLE, INSTALLATION ONLY, AS PER PLAN FOR EACH POLE INSTALLED AND SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM IN A WORKMANLIKE MANNER.

625, POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING IS ADDED.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

AEP (DISTRIBUTION)
38831 STATE ROUTE 7
REEDSVILLE, OHIO 45772
ATTN: CLARK SAUNDERS
740-985-3054
CMSAUNDERS@AEP.COM

THE ENGINEER SHALL ENSURE THAT EACH POWER SERVICE ELECTRICAL ENERGY ACCOUNT IS IN THE NAME OF AND THAT THE BILLING ADDRESS IS TO THE MAINTAINING AGENCY NOTED IN THE PLANS. THIS SHALL BE DONE NOT ONLY FOR EACH NEW POWER SERVICE ESTABLISHED BY THIS PROJECT BUT ALSO FOR EACH EXISTING POWER SERVICE, SINCE THERE MAY BE A REASSIGNMENT OF THE RESPONSIBILITY FOR AN EXISTING SERVICE AS A RESULT OF THE WORK PERFORMED BY THIS PROJECT.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH C&MS ITEM 625, "POWER SERVICE, AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625, LIGHT TOWER, MISC.: BBB70

THIS ITEM CONSISTS OF SUPPLYING AND INSTALLING A 70 FOOT TALL TOWER ACCORDING TO C&MS 625, THE DETAILS SHOWN IN THE PLANS, AND ODOT STANDARD CONSTRUCTION DRAWING HL-10.31

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM 625 "LIGHT TOWER, MISC.: BBB70" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625, LIGHT POLE, AESTHETIC, AS PER PLAN (AON14)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS, DECORATIVE LIGHT POLES SHALL CONFORM TO CITY OF REYNOLDSBURG STANDARD CONSTRUCTION DRAWING R-26 FOR STREET LIGHTING POST TOP. NO BANNER ARM SHALL BE PROVIDED. THE POLE SHALL BE A HAPCO MODEL 69281-002P.1 (BLACK) WITH A 14' MOUNTING HEIGHT.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM 625, "LIGHT POLE AESTHETIC, AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625, LUMINAIRE, POST TOP, SOLID STATE (LED), AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS, POST TOP LUMINAIRES SHALL CONFORM TO CITY OF REYNOLDSBURG STANDARD CONSTRUCTION DRAWING R-26 FOR STREET LIGHTING POST TOP. THE LUMINAIRE SHALL BE HOLOPHANE MODEL GVD3 P30 30K MVOLT GL3 BK CL FPD85. THE LUMINAIRE SHALL BE COATED TO MATCH THE COLOR OF THE LIGHT POLE.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM 625, "LUMINAIRE, POST TOP, SOLID STATE (LED), AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

625, LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN

THE LUMINAIRE SHALL BE:
1. AUTOBAHN SERIES ATBL
(MODEL #: ATBL F R3 3K)
(259W, 24,516 LUMENS, TYPE III)
OR
2. ARCHEON SERIES
(MODEL #: ARCH-L-PA3-190-730-8-T3)
(189W, 25,205 LUMENS, TYPE III)

OR APPROVED EQUAL BY THE ENGINEER

625, LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN

THE LUMINAIRE SHALL BE:
1. HMLED4 HIGH-MAST SERIES
(MODEL #: HMLED4 P1 30K FTA)
(199W, 28,052 LUMENS, TYPE IV)
OR
2. CST CELESTEON SERIES
(MODEL #: CST-CA8-230-730-U-T4)
(228.4W, 34,725 LUMENS, TYPE IV)

OR APPROVED EQUAL BY THE ENGINEER

ASYMMETRIC LUMINAIRES SHALL FOLLOW ODOT'S STANDARD CONSTRUCTION DRAWING HL-10.31 FOR LUMINAIRE ORIENTATION.

625, LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN

THE LUMINAIRE SHALL BE:
1. HMLED4 HIGH-MAST SERIES
(MODEL #: HMLED4 P1 30K AW)
(199W, 30,655 LUMENS, TYPE V)
OR
2. CST CELESTEON SERIES
(MODEL #: CST-CA8-230-730-U-T5)
(228.4W, 36,309 LUMENS, TYPE V)

OR APPROVED EQUAL BY THE ENGINEER

LIGHTING GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1452 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet 1 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:17 AM USER: brieder
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625, LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN

THE LUMINAIRE SHALL BE:
1. HOLOPHANE WALLCONNECT LED
(MODEL #: WCNG-P2-40K-T4M)
(35W, 4,373 LUMENS, TYPE IV)
OR
2. STREETWORKS UNDERPASS WALL MOUNT
(MODEL #: UPW-SA1-040-740-U-T4FT)
(57W, 5,592 LUMENS, TYPE IV FORWARD THROW)

OR APPROVED EQUAL BY THE ENGINEER

625, SERVICE TO UNDERPASS LIGHTING, AS PER PLAN

THIS ITEM SHALL CONSIST OF PROVIDING COMPLETE ELECTRICAL POWER, EXCEPT FOR LUMINAIRES, STRUCTURE JUNCTION BOXES, AND STRUCTURAL GROUNDING, FOR UNDERPASS LIGHTING SYSTEMS. THE INSTALLATION WORK SHALL INCLUDE DISCONNECT SWITCH, CONDUITS, CONDUIT GROUNDING, MOUNTINGS, FITTINGS, CABLES AND ALL INCIDENTALS NECESSARY TO COMPLETE, READY FOR USE, THE SERVICE AS DETAILED ON THE PLANS.

THE PRICE BID FOR ITEM 625, SERVICE TO UNDERPASS LIGHITNG, AS PER PLAN, SHALL INCLUDE PAYMENT FOR ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK AS SPECIFIED, COMPONENT PARTS NOT SPECIFICALLY MENTIONED, BUT REQUIRED FOR SATISFACTORY OPERATION OF THIS ITEM, SHALL BE FURNISHED AND CONSIDERED PAID FOR AS PART OF THE ITEM.

LIGHTING GENERAL NOTES

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
0

SHEET P.1453 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:22 AM USER: brieder
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CIRCUIT LEGEND

PR. HIGH MAST W/ 3-199W ASYMMETRIC LED LUMINAIRES

PR. HIGH MAST W/ 3-199W SYMMETRIC LED LUMINAIRES

PR. HIGH MAST W/ 6-199W SYMMETRIC LED LUMINAIRES

PR. LIGHT POLE, W/ CONVENTIONAL LED LUMINAIRE

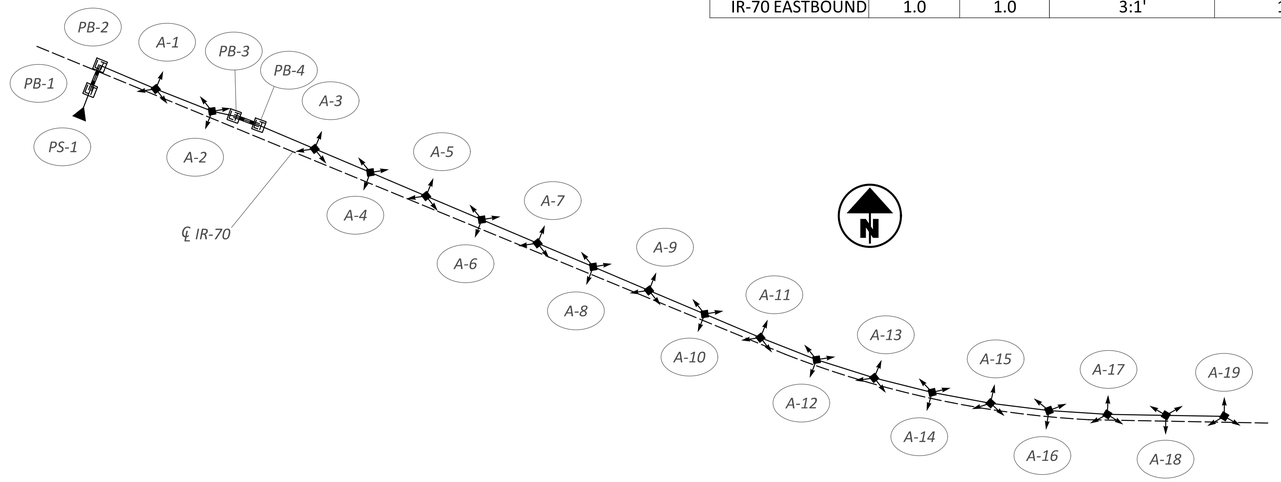
PR. UNDERPASS LIGHTING

PR. DECORATIVE POST TOP LIGHT POLE W/ CONVENTIONAL LED LUMINAIRE

PR. PULL BOX, 725.08, 18"

PR. POWER SERVICE

Lighting Criteria				
Roadway	Required Avg. (fc)	Achived Avg. (fc)	Required Uniformity (Avg./Min.)	Achieved Uniformity (Avg./Min.)
IR-70 WESTBOUND	1.0	1.1	3:1'	1.6:1'
IR-70 EASTBOUND	1.0	1.0	3:1'	1.7:1'



CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
1	480	11.3	2	60	A	23.63	30	2	ODOT
					-	-	-	-	
					-	-	-	-	

Circuit A

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000 FT)	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	Dist. + Slack (ft)	At Point	At Point	Accum.			In Section	Accum.		
A19	A18	236	246	597	1.244	1.244	611.93	0.1900	0.116	22.201	4.63%	A19
A18	A17	234	244	597	1.244	2.488	1213.90	0.1900	0.231	22.085	4.60%	A18
A17	A16	235	245	597	1.244	3.731	1828.31	0.1900	0.347	21.854	4.55%	A17
A17	A15	237	247	597	1.244	4.975	2457.65	0.1900	0.467	21.507	4.48%	A17
A15	A14	235	245	597	1.244	6.219	3047.19	0.1900	0.579	21.040	4.38%	A15
A14	A13	237	247	597	1.244	7.463	3686.48	0.1900	0.700	20.461	4.26%	A14
A13	A12	235	245	597	1.244	8.706	4266.06	0.1900	0.811	19.760	4.12%	A13
A12	A11	236	246	597	1.244	9.950	4895.40	0.1900	0.930	18.950	3.95%	A12
A11	A10	237	247	597	1.244	11.194	5529.71	0.1900	1.051	18.020	3.75%	A11
A10	A9	235	245	597	1.244	12.438	6094.38	0.1900	1.158	16.969	3.54%	A10
A9	A8	236	246	597	1.244	13.681	6731.18	0.1900	1.279	15.811	3.29%	A9
A8	A7	237	247	597	1.244	14.925	7372.95	0.1900	1.401	14.532	3.03%	A8
A7	A6	237	247	597	1.244	16.169	7987.36	0.1900	1.518	13.131	2.74%	A7
A6	A5	237	247	597	1.244	17.413	8601.78	0.1900	1.634	11.614	2.42%	A6
A5	A4	236	246	597	1.244	18.656	9178.88	0.1900	1.744	9.979	2.08%	A5
A4	A3	236	246	597	1.244	19.900	9790.80	0.1900	1.860	8.235	1.72%	A4
A3	PB4	178	188	597	1.244	21.144	7950.05	0.1900	1.511	6.375	1.33%	A3
PB4	PB3	52	62	0	0.000	21.144	2621.83	0.1900	0.498	4.865	1.01%	PB4
PB3	A2	7	17	0	0.000	21.144	718.89	0.1900	0.137	4.367	0.91%	PB3
A2	A1	236	246	597	1.244	22.388	11014.65	0.1900	2.093	4.230	0.88%	A2
A1	PB2	76	86	597	1.244	23.631	4064.58	0.1900	0.772	2.137	0.45%	A1
PB2	PB1	125	135	0	0.000	23.631	6380.44	0.1900	1.212	1.365	0.28%	PB2
PB1	PS1	7	17	0	0.000	23.631	803.46	0.1900	0.153	0.153	0.03%	PB1
			Total =					MAX VOLTAGE DROP:				
			A	11343	23.631				A	22.201	4.63%	

LIGHTING CIRCUIT DIAGRAM
CIRCUIT A

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JSW

REVIEWER EMS 08/07/26

PROJECT ID 96808

SHEET P.1454 TOTAL P.2024

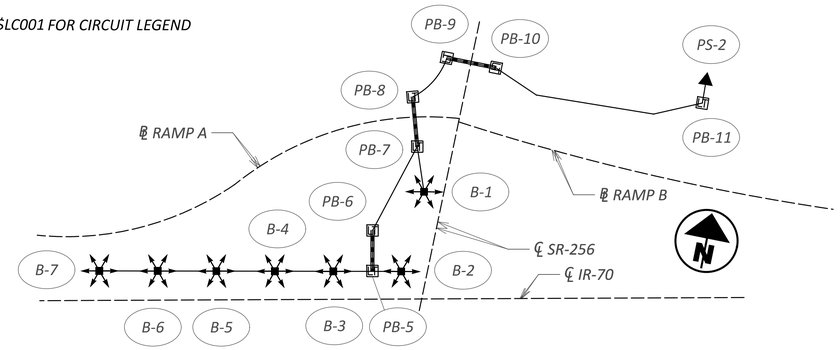
FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:25 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC001.dgn

CONTROL CENTER DATA

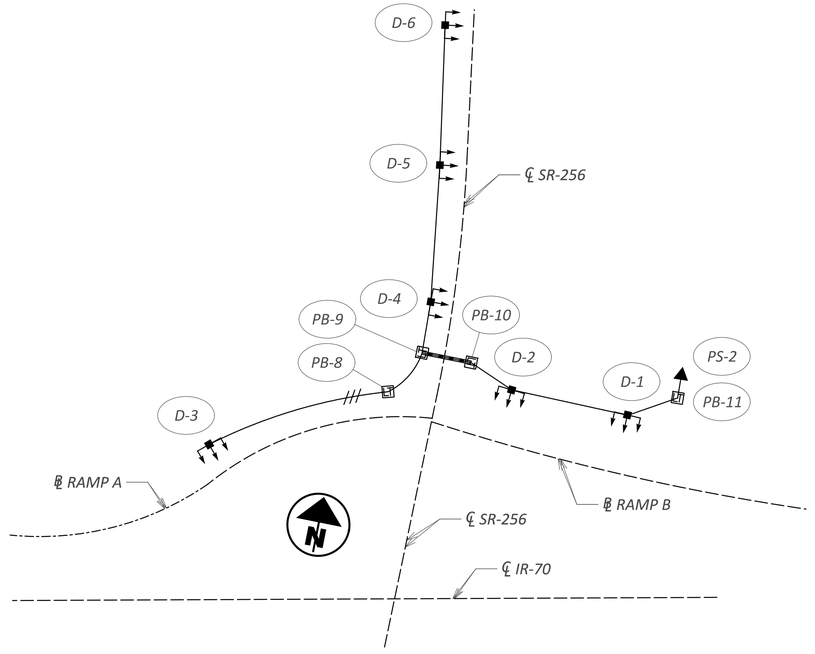
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
2	480	19.1	4	60	B	17.41	30	4	ODOT
					D	7.46	10	4	
					E	14.93	20	4	

NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND



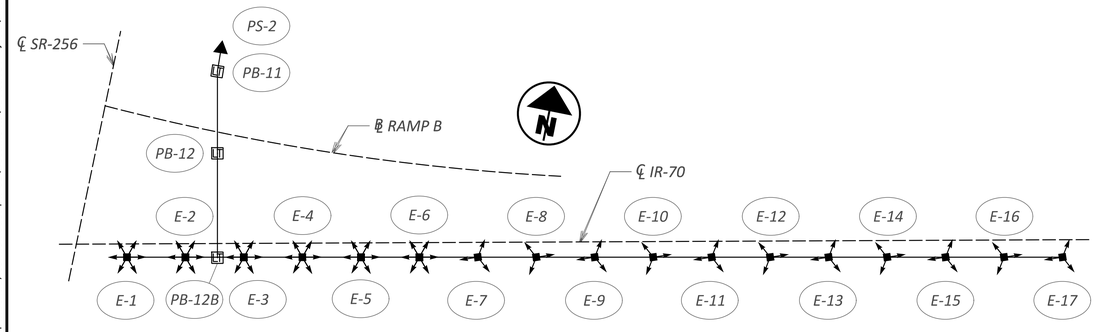
Circuit B

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
B7	B6	338	348	1194	2.488	2.488	1731.30	0.3100	0.537	21.297	4.44%	B7
B6	B5	330	340	1194	2.488	4.975	3383.00	0.3100	1.049	20.760	4.33%	B6
B5	B4	335	345	1194	2.488	7.463	5149.13	0.3100	1.596	19.711	4.11%	B5
B4	B3	320	330	1194	2.488	9.950	6567.00	0.3100	2.036	18.115	3.77%	B4
B3	PB5	270	280	1194	2.488	12.438	6965.00	0.3100	2.159	16.079	3.35%	B3
B2	PB5	40	50	1194	2.488	2.488	248.75	0.3100	0.077	13.997	2.92%	B2
PB5	PB6	90	100	0	0.000	14.925	2985.00	0.3100	0.925	13.920	2.90%	PB5
PB6	PB7	230	240	0	0.000	14.925	7164.00	0.3100	2.221	12.995	2.71%	PB6
B1	PB7	62	72	1194	2.488	2.488	358.20	0.3100	0.111	10.885	2.27%	B1
PB7	PB8	57	67	0	0.000	17.413	2333.28	0.3100	0.723	10.774	2.24%	PB7
PB8	PB9	78	88	0	0.000	17.413	3064.60	0.3100	0.950	10.051	2.09%	PB8
PB9	PB10	152	162	0	0.000	17.413	5641.65	0.3100	1.749	9.101	1.90%	PB9
PB10	PB11	655	665	0	0.000	17.413	23158.63	0.3100	7.179	7.352	1.53%	PB10
PB11	PS2	6	16	0	0.000	17.413	557.20	0.3100	0.173	0.173	0.04%	PB11
			Total =					MAX VOLTAGE DROP:				
			A	8358	17.413				A	21.297	4.44%	



Circuit E

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
E17	E16	235	245	597	1.244	1.244	609.44	0.3100	0.189	23.201	4.83%	E17
E16	E15	236	246	597	1.244	2.488	1223.85	0.3100	0.379	23.012	4.79%	E16
E15	E14	237	247	597	1.244	3.731	1843.24	0.3100	0.571	22.633	4.72%	E15
E14	E13	236	246	597	1.244	4.975	2447.70	0.3100	0.759	22.061	4.60%	E14
E13	E12	241	251	597	1.244	6.219	3121.81	0.3100	0.968	21.303	4.44%	E13
E12	E11	230	240	597	1.244	7.463	3582.00	0.3100	1.110	20.335	4.24%	E12
E11	E10	235	245	597	1.244	8.706	4266.06	0.3100	1.322	19.224	4.01%	E11
E10	E9	236	246	597	1.244	9.950	4895.40	0.3100	1.518	17.902	3.73%	E10
E9	E8	236	246	597	1.244	11.194	5507.33	0.3100	1.707	16.384	3.41%	E9
E8	E7	235	245	597	1.244	12.438	6094.38	0.3100	1.889	14.677	3.06%	E8
E7	E6	267	277	597	1.244	13.681	7579.41	0.1900	1.440	12.788	2.66%	E7
E6	E5	333	343	1194	2.488	16.169	11091.76	0.1900	2.107	11.348	2.36%	E6
E5	E4	334	344	1194	2.488	18.656	12835.50	0.1900	2.439	9.240	1.93%	E5
E4	E3	335	345	1194	2.488	21.144	14589.19	0.1900	2.772	6.802	1.42%	E4
E3	PB12B	124	134	1194	2.488	23.631	6333.18	0.1900	1.203	4.030	0.84%	E3
E1	E2	335	345	1194	2.488	2.488	1716.38	0.1900	0.326	3.568	0.74%	E1
E2	PB12B	210	220	1194	2.488	4.975	2189.00	0.1900	0.416	3.242	0.68%	E2
PB12B	PB12A	119	129	0	0.000	28.606	7380.41	0.1900	1.402	2.826	0.59%	PB12B
PB12A	PB11	104	114	0	0.000	28.606	6522.23	0.1900	1.239	1.424	0.30%	PB12A
PB11	PS2	7	17	0	0.000	28.606	972.61	0.1900	0.185	0.185	0.04%	PB11
			Total =					MAX VOLTAGE DROP:				
			A	7164	14.925				A	11.348	2.36%	



Circuit D

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
D6	D5	309	319	597	1.244	1.244	793.51	0.3100	0.246	3.952	0.82%	D6
D5	D4	302	312	597	1.244	2.488	1552.20	0.3100	0.481	3.706	0.77%	D5
D4	PB9	15	25	597	1.244	3.731	186.56	0.3100	0.058	3.225	0.67%	D4
D3	PB8	286	296	597	1.244	1.244	736.30	0.3100	0.228	3.460	0.72%	D3
PB8	PB9	74	84	0	0.000	1.244	208.95	0.3100	0.065	3.232	0.67%	PB8
PB9	PB10	152	162	0	0.000	4.975	1611.90	0.3100	0.500	3.167	0.66%	PB9
PB10	D2	158	168	0	0.000	4.975	1671.60	0.3100	0.518	2.667	0.56%	PB10
D2	D1	413	423	597	1.244	6.219	5261.06	0.3100	1.631	2.149	0.45%	D2
D1	PB11	85	95	597	1.244	7.463	1417.88	0.3100	0.440	0.518	0.11%	D1
PB11	PS2	7	17	0	0.000	7.463	253.73	0.3100	0.079	0.079	0.02%	PB11
			Total =					MAX VOLTAGE DROP:				
			A	3582	7.463				A	3.952	0.82%	

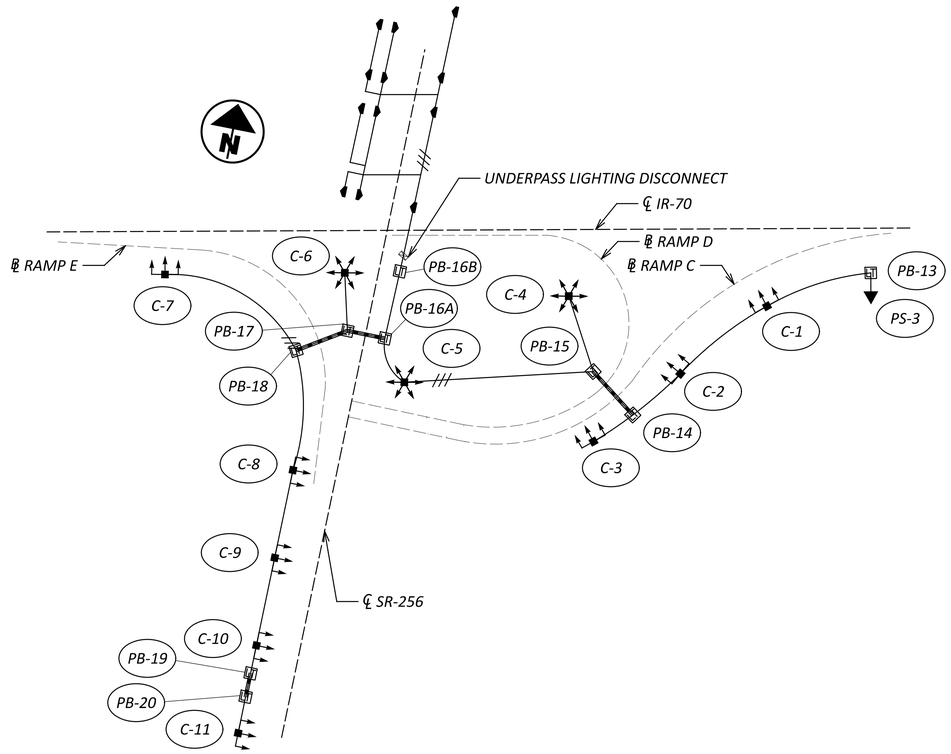
LIGHTING CIRCUIT DIAGRAM
CIRCUIT B, D & E

DESIGN AGENCY: WSP USA INC. STRUCTUREPOINT
DESIGNER: JSW
REVIEWER: EMS 08/07/26
PROJECT ID: 96808
SHEET: P.1455 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:29 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC002.dgn

CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
3	480	8.8	4	60	C	18.29	30	4	ODOT
					-	-	-	-	
					-	-	-	-	



Circuit C

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
C11	PB20	193	203	597	1.244	1.244	504.96	0.3100	0.157	17.145	3.57%	C11
PB20	PB19	43	53	0	0.000	1.244	131.84	0.3100	0.041	16.989	3.54%	PB20
PB19	C10	56	66	0	0.000	1.244	164.18	0.3100	0.051	16.948	3.53%	PB19
C10	C9	262	272	597	1.244	2.488	1353.20	0.3100	0.419	16.897	3.52%	C10
C9	C8	252	262	597	1.244	3.731	1955.18	0.3100	0.606	16.478	3.43%	C9
C8	PB18	162	172	597	1.244	4.975	1711.40	0.3100	0.531	15.872	3.31%	C8
C7	PB18	480	490	597	1.244	1.244	1218.88	0.3100	0.378	15.719	3.27%	C7
PB18	PB17	82	92	0	0.000	6.219	1144.25	0.3100	0.355	15.341	3.20%	PB18
											0.00%	0
C6	PB17	126	136	1194	2.488	2.488	676.60	0.3100	0.210	15.196	3.17%	C6
PB17	PB16A	131	141	0	0.000	8.706	2455.16	0.3100	0.761	14.986	3.12%	PB17
UPASS	PB16B	20	30	420	0.875	0.875	52.50	0.3100	0.016	14.413	3.00%	UPASS
PB16B	PB16A	306	316	0	0.000	0.875	553.00	0.3100	0.171	14.397	3.00%	PB16B
PB16A	C5	103	113	0	0.000	9.581	2165.36	0.3100	0.671	14.225	2.96%	PB16A
C5	PB15	469	479	1194	2.488	12.069	11561.86	0.3100	3.584	13.554	2.82%	C5
C4	PB15	178	188	1194	2.488	2.488	935.30	0.3100	0.290	10.260	2.14%	C4
PB15	PB14	134	144	0	0.000	14.556	4192.20	0.3100	1.300	9.970	2.08%	PB15
C3	PB14	146	156	597	1.244	1.244	388.05	0.3100	0.120	8.791	1.83%	C3
PB14	C2	248	258	0	0.000	15.800	8152.80	0.3100	2.527	8.670	1.81%	PB14
C2	C1	302	312	597	1.244	17.044	10635.30	0.3100	3.297	6.143	1.28%	C2
C1	PB13	226	236	597	1.244	18.288	8631.70	0.3100	2.676	2.846	0.59%	C1
PB13	PS 3	5	15	0	0.000	18.288	548.63	0.3100	0.170	0.170	0.04%	PB13
			Total =					MAX VOLTAGE DROP:				
			A	8778	18.288				A	17.145	3.57%	

NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT C

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

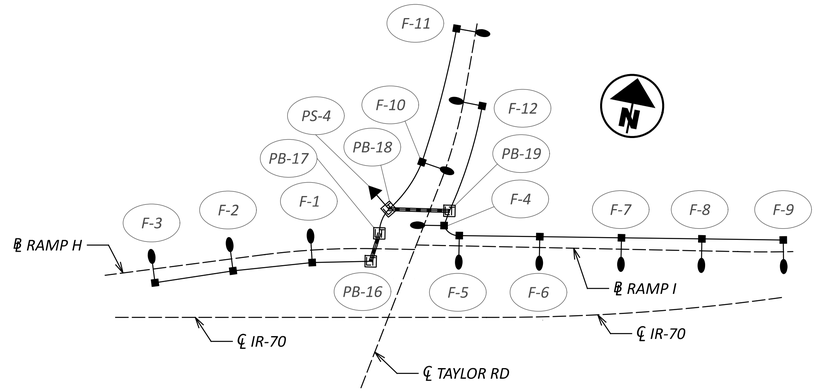
SHEET P.1456 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:33 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC003.dgn

Circuit F

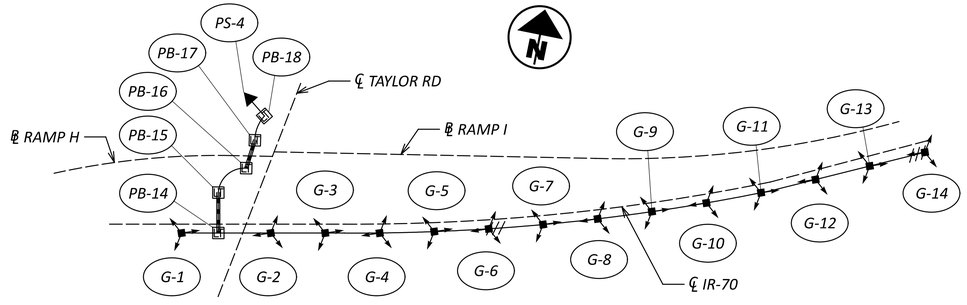
Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
F9	**F8**	**215**	225	**259**	0.540	0.540	242.81	0.3100	0.075	1.275	0.27%	**F9**
F8	**F7**	**215**	225	**259**	0.540	1.079	485.63	0.3100	0.151	1.199	0.25%	**F8**
F7	**F6**	**217**	227	**259**	0.540	1.619	734.91	0.3100	0.228	1.049	0.22%	**F7**
F6	**F5**	**213**	223	**259**	0.540	2.158	962.62	0.3100	0.298	0.821	0.17%	**F6**
F5	**F4**	**48**	58	**259**	0.540	2.698	312.96	0.3100	0.097	0.523	0.11%	**F5**
F4	**PB19**	**11**	21	**259**	0.540	3.238	135.98	0.3100	0.042	0.426	0.09%	**F4**
F12	**PB19**	**331**	341	**259**	0.540	0.540	368.00	0.3100	0.114	0.497	0.10%	**F12**
PB19	**PB18**	**128**	138	**0**	0.000	3.777	1042.48	0.3100	0.323	0.383	0.08%	**PB19**
			10									
F11	**F10**	**365**	375	**259**	0.540	0.540	404.69	0.3100	0.125	0.779	0.16%	**F11**
F10	**PB18**	**187**	197	**259**	0.540	4.856	1913.36	0.3100	0.593	0.653	0.14%	**F10**
F3	**F2**	**209**	219	**259**	0.540	0.540	236.34	0.3100	0.073	0.599	0.12%	**F3**
F2	**F1**	**216**	226	**259**	0.540	1.079	487.78	0.3100	0.151	0.526	0.11%	**F2**
F1	**PB16**	**175**	185	**259**	0.540	1.619	598.94	0.3100	0.186	0.374	0.08%	**F1**
PB16	**PB17**	**54**	64	**0**	0.000	1.619	207.20	0.3100	0.064	0.189	0.04%	**PB16**
PB17	**PB18**	**54**	64	**0**	0.000	1.619	207.20	0.3100	0.064	0.124	0.03%	**PB17**
PB18	**PS4**	**5**	15	**0**	0.000	6.475	194.25	0.3100	0.060	0.060	0.01%	**PB18**
			Total =					**MAX VOLTAGE DROP:**				
			A	**3108**	**6.475**				A	**1.275**	**0.27%**	



CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
4	**480**	**11.5**	**4**	**60**	**F**	**6.48**	**10**	**4**	**ODOT**
					G	**17.41**	**30**	**4**	
					-	-	-	-	

Circuit G

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000 FT)	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
G14	**G13**	**236**	246	**597**	1.244	1.244	611.93	0.3100	0.190	22.603	4.71%	**G14**
G13	**G12**	**236**	246	**597**	1.244	2.488	1223.85	0.3100	0.379	22.413	4.67%	**G13**
G12	**G11**	**235**	245	**597**	1.244	3.731	1828.31	0.3100	0.567	22.034	4.59%	**G12**
G11	**G10**	**237**	247	**597**	1.244	4.975	2457.65	0.3100	0.762	21.467	4.47%	**G11**
G10	**G9**	**272**	282	**597**	1.244	6.219	3507.38	0.3100	1.087	20.705	4.31%	**G10**
G9	**G8**	**236**	246	**597**	1.244	7.463	3671.55	0.3100	1.138	19.618	4.09%	**G9**
G8	**G7**	**235**	245	**597**	1.244	8.706	4266.06	0.3100	1.322	18.480	3.85%	**G8**
G7	**G6**	**237**	247	**597**	1.244	9.950	4915.30	0.3100	1.524	17.157	3.57%	**G7**
G6	**G5**	**235**	245	**597**	1.244	11.194	5484.94	0.3100	1.700	15.634	3.26%	**G6**
G5	**G4**	**235**	245	**597**	1.244	12.438	6094.38	0.3100	1.889	13.933	2.90%	**G5**
G4	**G3**	**236**	246	**597**	1.244	13.681	6731.18	0.3100	2.087	12.044	2.51%	**G4**
G3	**G2**	**236**	246	**597**	1.244	14.925	7343.10	0.3100	2.276	9.957	2.07%	**G3**
G2	**PB14**	**272**	282	**1194**	2.488	17.413	9820.65	0.3100	3.044	7.681	1.60%	**G2**
G1	**PB14**	**103**	113	**1194**	2.488	2.488	562.18	0.3100	0.174	4.811	1.00%	**G1**
PB14	**PB15A**	**92**	102	**0**	0.000	19.900	4059.60	0.3100	1.258	4.637	0.97%	**PB14**
UPASS	**PB15B**	**5**	15	**280**	0.583	0.583	17.50	0.3100	0.005	3.406	0.71%	**UPASS**
PB15B	**PB15A**	**51**	61	**0**	0.000	0.583	71.17	0.3100	0.022	3.400	0.71%	**PB15B**
PB15A	**PB16**	**114**	124	**0**	0.000	20.483	5079.87	0.3100	1.575	3.378	0.70%	**PB15A**
PB16	**PB17**	**54**	64	**0**	0.000	20.483	2621.87	0.3100	0.813	1.803	0.38%	**PB16**
PB17	**PB18**	**53**	63	**0**	0.000	20.483	2580.90	0.3100	0.800	0.991	0.21%	**PB17**
PB18	**PS-4**	**5**	15	**0**	0.000	20.483	614.50	0.3100	0.190	0.190	0.04%	**PB18**
			Total =					**MAX VOLTAGE DROP:**				
			A	**9832**	**20.483**				A	**22.603**	**4.71%**	



NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT F& G

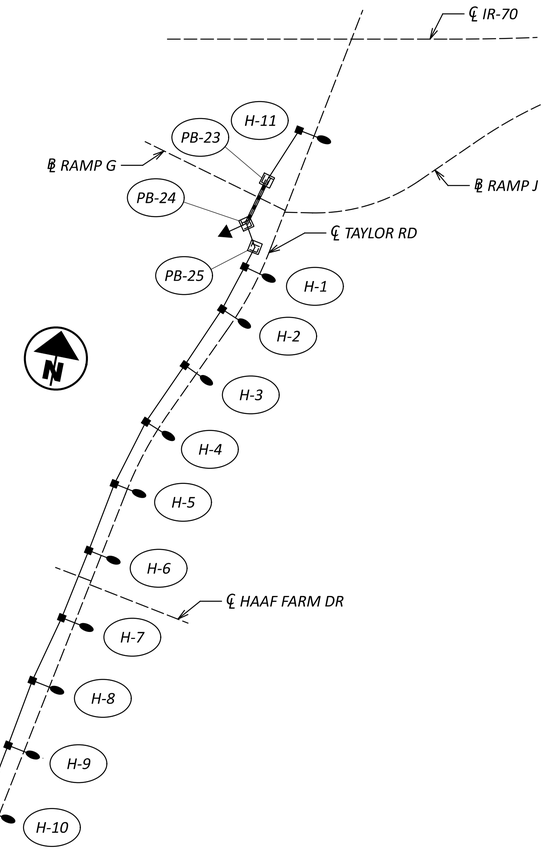
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JSW
REVIEWER: EMS 08/07/26
PROJECT ID: 96808
SHEET: P.1457 TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:37 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC004.dgn

Circuit H

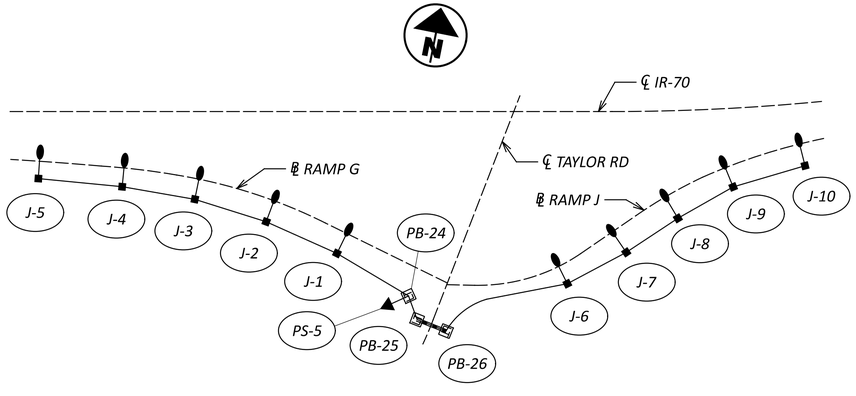
Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000 FT)	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
H10	**H9**	**182**	192	**259**	0.540	0.540	207.20	0.3100	0.064	3.324	0.69%	**H10**
H9	**H8**	**183**	193	**259**	0.540	1.079	416.56	0.3100	0.129	3.259	0.68%	**H9**
H8	**H7**	**184**	194	**259**	0.540	1.619	628.08	0.3100	0.195	3.130	0.65%	**H8**
H7	**H6**	**192**	202	**259**	0.540	2.158	871.97	0.3100	0.270	2.936	0.61%	**H7**
H6	**H5**	**193**	203	**259**	0.540	2.698	1095.35	0.3100	0.340	2.665	0.56%	**H6**
H5	**H4**	**183**	193	**259**	0.540	3.238	1249.68	0.3100	0.387	2.326	0.48%	**H5**
H4	**H3**	**182**	192	**259**	0.540	3.777	1450.40	0.3100	0.450	1.938	0.40%	**H4**
H3	**H2**	**180**	190	**259**	0.540	4.317	1640.33	0.3100	0.509	1.489	0.31%	**H3**
H2	**H1**	**129**	139	**259**	0.540	4.856	1350.04	0.3100	0.419	0.980	0.20%	**H2**
H1	**PB25**	**55**	65	**259**	0.540	5.396	701.46	0.3100	0.217	0.562	0.12%	**H1**
PB25	**PB24**	**72**	82	**0**	0.000	5.396	884.92	0.3100	0.274	0.344	0.07%	**PB25**
H11	**PB23**	**177**	187	**259**	0.540	0.540	201.80	0.3100	0.063	0.178	0.04%	**H11**
PB23	**PB24**	**126**	136	**0**	0.000	0.540	146.77	0.3100	0.045	0.115	0.02%	**PB23**
PB24	**PS5**	**9**	19	**0**	0.000	5.935	225.55	0.3100	0.070	0.070	0.01%	**PB24**
			Total =						**MAX VOLTAGE DROP:**			
			A	**2849**	**5.935**				A	**3.324**	**0.69%**	



CONTROL CENTER DATA								
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
5	480	5.7	4	60	H	6.48	10	4	ODOT
					J	5.40	10	4	
					-	-	-	-	

Circuit J

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
J10	**J9**	**193**	203	**259**	0.540	0.540	219.07	0.3100	0.068	1.697	0.35%	**J10**
J9	**J8**	**203**	213	**259**	0.540	1.079	459.73	0.3100	0.143	1.630	0.34%	**J9**
J8	**J7**	**202**	212	**259**	0.540	1.619	686.35	0.3100	0.213	1.487	0.31%	**J8**
J7	**J6**	**216**	226	**259**	0.540	2.158	975.57	0.3100	0.302	1.274	0.27%	**J7**
J6	**PB26**	**316**	326	**259**	0.540	2.698	1759.04	0.3100	0.545	0.972	0.20%	**J6**
PB26	**PB25**	**124**	134	**0**	0.000	2.698	723.04	0.3100	0.224	0.427	0.09%	**PB26**
PB25	**PB24**	**73**	83	**0**	0.000	2.698	447.85	0.3100	0.139	0.202	0.04%	**PB25**
J5	**J4**	**210**	220	**259**	0.540	0.540	237.42	0.3100	0.074	1.154	0.24%	**J5**
J4	**J3**	**204**	214	**259**	0.540	1.079	461.88	0.3100	0.143	1.080	0.23%	**J4**
J3	**J2**	**206**	216	**259**	0.540	1.619	699.30	0.3100	0.217	0.937	0.20%	**J3**
J2	**J1**	**207**	217	**259**	0.540	2.158	936.72	0.3100	0.290	0.720	0.15%	**J2**
J1	**PB24**	**209**	219	**259**	0.540	2.698	1181.69	0.3100	0.366	0.430	0.09%	**J1**
PB24	**PS5**	**9**	19	**0**	0.000	5.396	205.04	0.3100	0.064	0.064	0.01%	**PB24**
			Total =						**MAX VOLTAGE DROP:**			
			A	**2590**	**5.396**				A	**1.697**	**0.35%**	



NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT H & J

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JSW
REVIEWER: EMS 08/07/26
PROJECT ID: 96808
SHEET: P.1458 | TOTAL: P.2024

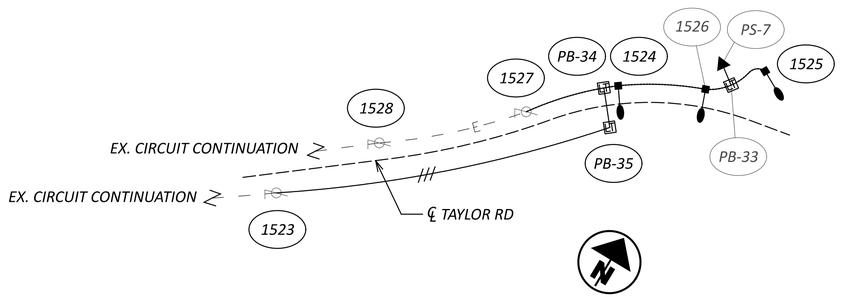
FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:41 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC005.dgn

CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
6	480	4.3	4	60	15	8.87	20	4	ODOT
					-	-	-	-	
					-	-	-	-	

Circuit 15

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
1514	**1515**	**144**	98	**112**	0.233	0.233	45.73	0.3100	0.014	2.651	0.55%	**1514**
1515	**1516**	**115**	98	**112**	0.233	0.467	91.47	0.3100	0.028	2.637	0.55%	**1515**
1516	**1517**	**290**	98	**112**	0.233	0.700	137.20	0.3100	0.043	2.609	0.54%	**1516**
1517	**1518**	**280**	98	**112**	0.233	0.933	182.93	0.3100	0.057	2.566	0.53%	**1517**
1518	**1519**	**285**	98	**112**	0.233	1.167	228.67	0.3100	0.071	2.510	0.52%	**1518**
1519	**1520**	**295**	98	**112**	0.233	1.400	274.40	0.3100	0.085	2.439	0.51%	**1519**
1520	**1521**	**295**	98	**112**	0.233	1.633	320.13	0.3100	0.099	2.354	0.49%	**1520**
1521	**1522**	**281**	98	**112**	0.233	1.867	365.87	0.3100	0.113	2.254	0.47%	**1521**
1522	**1523**	**299**	98	**112**	0.233	2.100	411.60	0.3100	0.128	2.141	0.45%	**1522**
1523	**PB35**	**270**	98	**112**	0.233	2.333	457.33	0.3100	0.142	2.013	0.42%	**1523**
PB35	**PB34**	**44**	98	**0**	0.000	2.333	457.33	0.3100	0.142	1.872	0.39%	**PB35**
1552	**1550**	**167**	98	**112**	0.233	0.233	45.73	0.3100	0.014	12.188	2.54%	**1552**
1550	**1549**	**148**	158	**112**	0.233	0.467	147.47	0.3100	0.046	12.174	2.54%	**1550**
1549	**1548**	**130**	140	**112**	0.233	0.700	196.00	0.3100	0.061	12.128	2.53%	**1549**
1548	**1547**	**169**	179	**112**	0.233	0.933	334.13	0.3100	0.104	12.068	2.51%	**1548**
1547	**1546**	**165**	175	**112**	0.233	1.167	408.33	0.3100	0.127	11.964	2.49%	**1547**
1546	**1545**	**168**	178	**112**	0.233	1.400	498.40	0.3100	0.155	11.837	2.47%	**1546**
1545	**1544**	**159**	169	**112**	0.233	1.633	552.07	0.3100	0.171	11.683	2.43%	**1545**
1544	**1543**	**168**	178	**112**	0.233	1.867	664.53	0.3100	0.206	11.512	2.40%	**1544**
1543	**1542**	**168**	178	**112**	0.233	2.100	747.60	0.3100	0.232	11.306	2.36%	**1543**
1542	**1541**	**167**	177	**112**	0.233	2.333	826.00	0.3100	0.256	11.074	2.31%	**1542**
1541	**1540**	**169**	179	**112**	0.233	2.567	918.87	0.3100	0.285	10.818	2.25%	**1541**
1540	**1539**	**167**	177	**112**	0.233	2.800	991.20	0.3100	0.307	10.533	2.19%	**1540**
1539	**1538**	**168**	178	**112**	0.233	3.033	1079.87	0.3100	0.335	10.226	2.13%	**1539**
1538	**1537**	**179**	189	**112**	0.233	3.267	1234.80	0.3100	0.383	9.891	2.06%	**1538**
1537	**1536**	**134**	144	**112**	0.233	3.500	1008.00	0.3100	0.312	9.508	1.98%	**1537**
1536	**1535**	**144**	154	**112**	0.233	3.733	1149.87	0.3100	0.356	9.196	1.92%	**1536**
1535	**1534**	**262**	272	**112**	0.233	3.967	2157.87	0.3100	0.669	8.839	1.84%	**1535**
1534	**1533**	**295**	305	**112**	0.233	4.200	2562.00	0.3100	0.794	8.170	1.70%	**1534**
1533	**1532**	**295**	305	**112**	0.233	4.433	2704.33	0.3100	0.838	7.376	1.54%	**1533**
1532	**1531**	**286**	296	**112**	0.233	4.667	2762.67	0.3100	0.856	6.538	1.36%	**1532**
1531	**1530**	**286**	296	**112**	0.233	4.900	2900.80	0.3100	0.899	5.681	1.18%	**1531**
1530	**1529**	**279**	289	**112**	0.233	5.133	2967.07	0.3100	0.920	4.782	1.00%	**1530**
1529	**1528**	**292**	302	**112**	0.233	5.367	3241.47	0.3100	1.005	3.862	0.80%	**1529**
1528	**1527**	**295**	305	**112**	0.233	5.600	3416.00	0.3100	1.059	2.858	0.60%	**1528**
1527	**PB34**	**9**	19	**112**	0.233	5.833	221.67	0.3100	0.069	1.799	0.37%	**1527**
PB34	**1524**	**118**	128	**0**	0.000	8.167	2090.67	0.3100	0.648	1.730	0.36%	**PB34**
1524	**1526**	**116**	126	**112**	0.233	8.400	2116.80	0.3100	0.656	1.082	0.23%	**1524**
1526	**PB33**	**50**	60	**112**	0.233	8.633	1036.00	0.3100	0.321	0.426	0.09%	**1526**
1525	**PB33**	**38**	48	**112**	0.233	0.233	22.40	0.3100	0.007	0.111	0.02%	**1525**
PB33	**PS7**	**9**	19	**0**	0.000	8.867	336.93	0.3100	0.104	0.104	0.02%	**PB33**
			Total =					**MAX VOLTAGE DROP:**				
			A	**4256**	**8.867**				A	**12.188**	**2.54%**	



NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT 15

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JSW

REVIEWER EMS 08/07/26

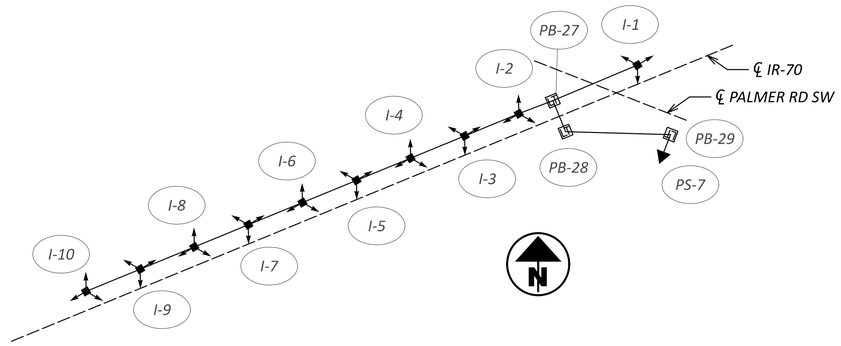
PROJECT ID 96808

SHEET P.1459 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:44 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC006.dgn

CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE - AWG	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AWG	MAINTAINING AGENCY
7	480	6.0	4	60	I	12.44	20	4	ODOT
					-	-	-	-	
					-	-	-	-	



Circuit I

Section				Watts	Current (Amps)		Ampere-Feet	Wire Resistance (Ohms/1000 FT)	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.			In Section	Accum.		
I10	I9	237	247	597	1.244	1.244	614.54	0.3100	0.191	8.963	1.87%	I10
I9	I8	235	245	597	1.244	2.488	1219.12	0.3100	0.378	8.773	1.83%	I9
I8	I7	237	247	597	1.244	3.732	1843.61	0.3100	0.572	8.395	1.75%	I8
I7	I6	237	247	597	1.244	4.976	2458.14	0.3100	0.762	7.823	1.63%	I7
I6	I5	232	242	597	1.244	6.220	3010.48	0.3100	0.933	7.061	1.47%	I6
I5	I4	235	245	597	1.244	7.464	3657.36	0.3100	1.134	6.128	1.28%	I5
I4	I3	237	247	597	1.244	8.708	4301.75	0.3100	1.334	4.994	1.04%	I4
I3	PB27	197	207	597	1.244	9.952	4120.13	0.3100	1.277	3.660	0.76%	I3
I2	PB27	11	21	597	1.244	1.244	52.25	0.3100	0.016	2.399	0.50%	I2
I1	PB30	67	77	597	1.244	1.244	191.58	0.3100	0.059	2.633	0.55%	I1
PB30	PB29	14	24	0	0.000	1.244	59.71	0.3100	0.019	2.574	0.54%	PB30
PB29	PB28	191	201	0	0.000	1.244	500.09	0.3100	0.155	2.555	0.53%	PB29
PB28	PB27	12	22	0	0.000	1.244	54.74	0.3100	0.017	2.400	0.50%	PB28
PB27	PB31	95	105	0	0.000	12.440	2612.40	0.3100	0.810	2.383	0.50%	PB27
PB31	PB32	179	189	0	0.000	12.440	4702.32	0.3100	1.458	1.573	0.33%	PB31
PB32	PS6	5	15	0	0.000	12.440	373.20	0.3100	0.116	0.116	0.02%	PB32
			Total =					MAX VOLTAGE DROP:				
			A	5970	12.440				A	8.963	1.87%	

NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT I

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JSW
REVIEWER: EMS 08/07/26
PROJECT ID: 96808
SHEET P.1460 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

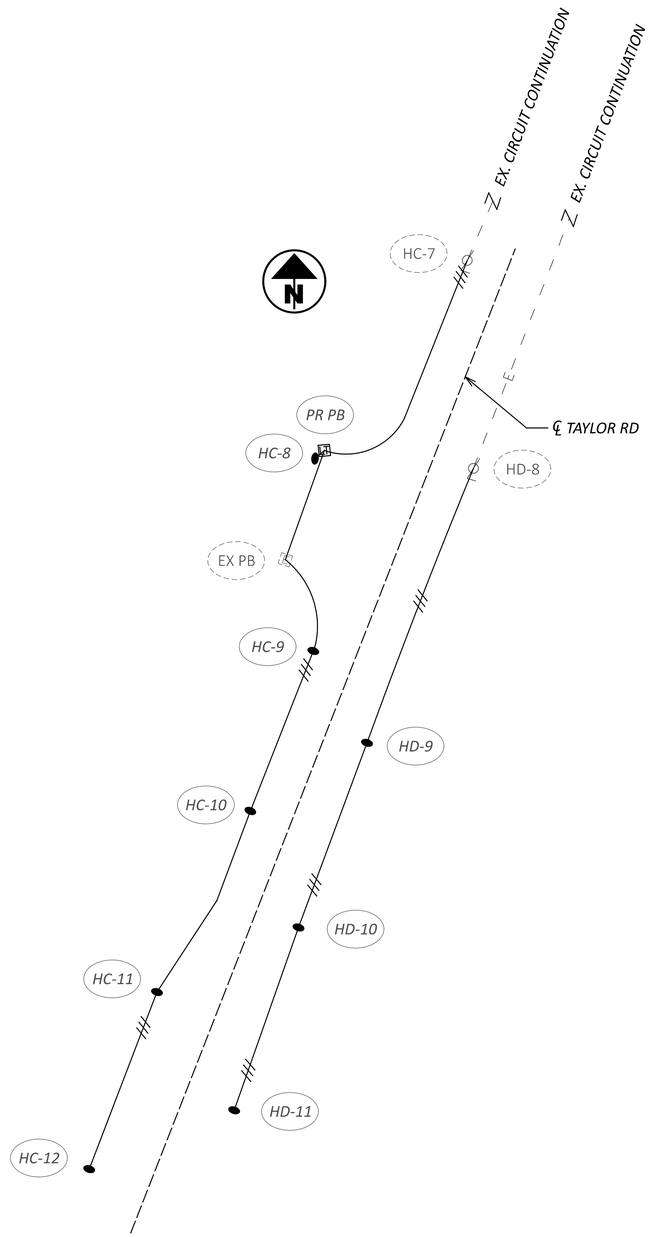
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:48 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LC007.dgn

Circuit HC

Section				Watts	Current (Amps)		Ampere-	Wire Resistance (Ohms/1000	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.	Feet		In Section	Accum.		
HC12	**HC11**	**100**	110	**61**	0.127	0.127	27.96	0.3100	0.009	1.497	0.31%	**HC12**
HC11	**HC10**	**109**	119	**61**	0.127	0.254	60.49	0.3100	0.019	1.488	0.31%	**HC11**
HC10	**HC9**	**91**	101	**61**	0.127	0.381	77.01	0.3100	0.024	1.469	0.31%	**HC10**
HC9	**EX. PB**	**52**	62	**61**	0.127	0.508	63.03	0.3100	0.020	1.445	0.30%	**HC9**
EX. PB	**PB**	**62**	72	**0**	0.000	0.508	73.20	0.3100	0.023	1.426	0.30%	**EX. PB**
HC8	**PB**	**7**	17	**61**	0.127	0.127	4.32	0.3100	0.001	1.405	0.29%	**HC8**
PB	**HC7**	**139**	149	**0**	0.000	0.635	189.35	0.3100	0.059	1.403	0.29%	**PB**
HC7	**HC6**	**251**	261	**100**	0.208	0.844	440.44	0.3100	0.137	1.345	0.28%	**HC7**
HC6	**HC5**	**242**	252	**100**	0.208	1.052	530.25	0.3100	0.164	1.208	0.25%	**HC6**
HC5	**HC4**	**243**	253	**100**	0.208	1.260	637.77	0.3100	0.198	1.044	0.22%	**HC5**
HC4	**HC3**	**241**	251	**100**	0.208	1.469	737.31	0.3100	0.229	0.846	0.18%	**HC4**
HC3	**HC2**	**239**	249	**100**	0.208	1.677	835.19	0.3100	0.259	0.617	0.13%	**HC3**
HC2	**HC1**	**250**	260	**100**	0.208	1.885	980.42	0.3100	0.304	0.358	0.07%	**HC2**
HC1	**PSH**	**32**	42	**100**	0.208	2.094	175.88	0.3100	0.055	0.055	0.01%	**HC1**
			Total =					**MAX VOLTAGE DROP:**				
			A	**1005**	**2.094**				A	**1.497**	**0.31%**	

Circuit HD

Section				Watts	Current (Amps)		Ampere-	Wire Resistance (Ohms/1000	Voltage Drop		% Drop	At Point
From	To	Dist. (ft)	w/ Slack(ft)	At Point	At Point	Accum.	Feet		In Section	Accum.		
HD11	**HD10**	**105**	115	**61**	0.127	0.127	29.23	0.3100	0.009	1.449	0.30%	**HD11**
HD10	**HD9**	**112**	122	**61**	0.127	0.254	62.02	0.3100	0.019	1.440	0.30%	**HD10**
HD9	**HD8**	**156**	166	**61**	0.127	0.381	126.58	0.3100	0.039	1.421	0.30%	**HD9**
HD8	**HD7**	**234**	244	**100**	0.208	0.590	287.72	0.3100	0.089	1.382	0.29%	**HD8**
HD7	**HD6**	**244**	254	**100**	0.208	0.798	405.34	0.3100	0.126	1.293	0.27%	**HD7**
HD6	**HD5**	**239**	249	**100**	0.208	1.006	501.11	0.3100	0.155	1.167	0.24%	**HD6**
HD5	**HD4**	**240**	250	**100**	0.208	1.215	607.29	0.3100	0.188	1.012	0.21%	**HD5**
HD4	**HD3**	**237**	247	**100**	0.208	1.423	702.92	0.3100	0.218	0.823	0.17%	**HD4**
HD3	**HD2**	**238**	248	**100**	0.208	1.631	809.10	0.3100	0.251	0.605	0.13%	**HD3**
HD2	**HD1**	**125**	135	**100**	0.208	1.840	496.69	0.3100	0.154	0.355	0.07%	**HD2**
HD1	**EXPB**	**23**	33	**100**	0.208	2.048	135.16	0.3100	0.042	0.201	0.04%	**HD1**
EXPB	**EXPB**	**87**	97	**0**	0.000	2.048	397.30	0.3100	0.123	0.159	0.03%	**EXPB**
EXPB	**PSH**	**18**	28	**0**	0.000	2.048	114.68	0.3100	0.036	0.036	0.01%	**EXPB**
			Total =					**MAX VOLTAGE DROP:**				
			A	**983**	**2.048**				A	**1.449**	**0.30%**	



NOTE:
- SEE SHEET $LC001 FOR CIRCUIT LEGEND

LIGHTING CIRCUIT DIAGRAM
CIRCUIT HC & HD

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1461 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:23:52 AM USER: brieder
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LIGHTING SCHEMATIC PLAN

FAI/LIC-IR 70-0.00/0.00

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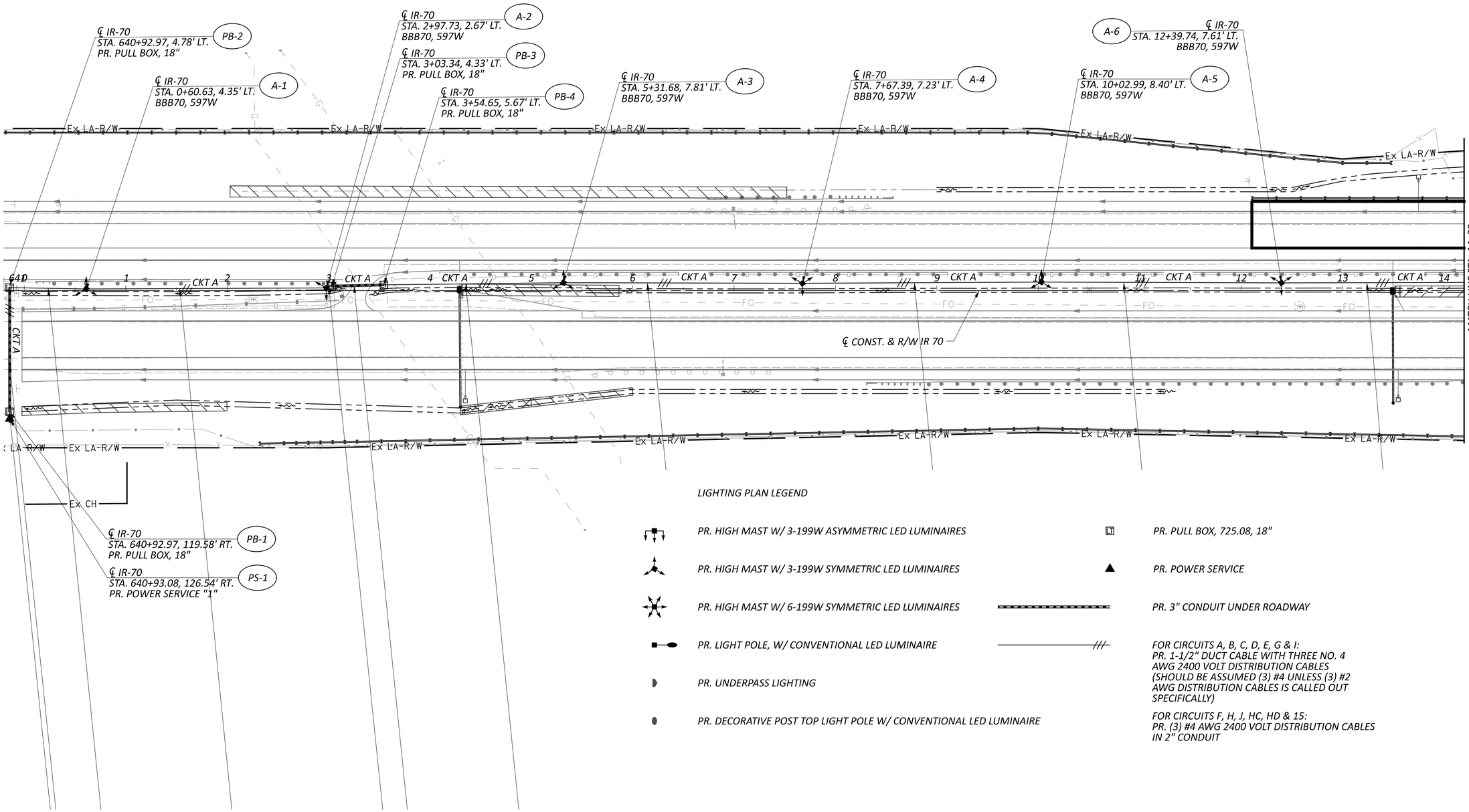
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS $DATE

PROJECT ID
0

SHEET P.1462 TOTAL P.2024



LIGHTING PLAN LEGEND

- *PR. HIGH MAST W/ 3-199W ASYMMETRIC LED LUMINAIRES*
- *PR. HIGH MAST W/ 3-199W SYMMETRIC LED LUMINAIRES*
- *PR. HIGH MAST W/ 6-199W SYMMETRIC LED LUMINAIRES*
- *PR. LIGHT POLE, W/ CONVENTIONAL LED LUMINAIRE*
- *PR. UNDERPASS LIGHTING*
- *PR. DECORATIVE POST TOP LIGHT POLE W/ CONVENTIONAL LED LUMINAIRE*
- *PR. PULL BOX, 725.08, 18"*
- *PR. POWER SERVICE*
- *PR. 3" CONDUIT UNDER ROADWAY*
- *FOR CIRCUITS A, B, C, D, E, G & I:*
  PR. 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT DISTRIBUTION CABLES (SHOULD BE ASSUMED (3) #4 UNLESS (3) #2 AWG DISTRIBUTION CABLES IS CALLED OUT SPECIFICALLY)
- *FOR CIRCUITS F, H, J, HC, HD & 15:*
  PR. (3) #4 AWG 2400 VOLT DISTRIBUTION CABLES IN 2" CONDUIT

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA. 0+00 TO STA. 14+20

FAI/LIC-IR 70-0.00/0.00

MODEL: Plan Sheets - Plan 17 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:03 AM USER: brieder
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JSW
REVIEWER EMS 08/07/26
PROJECT ID 96808
SHEET P.1463 TOTAL P.2024

MODEL: 96808_LP101 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:08 AM USER: brieder
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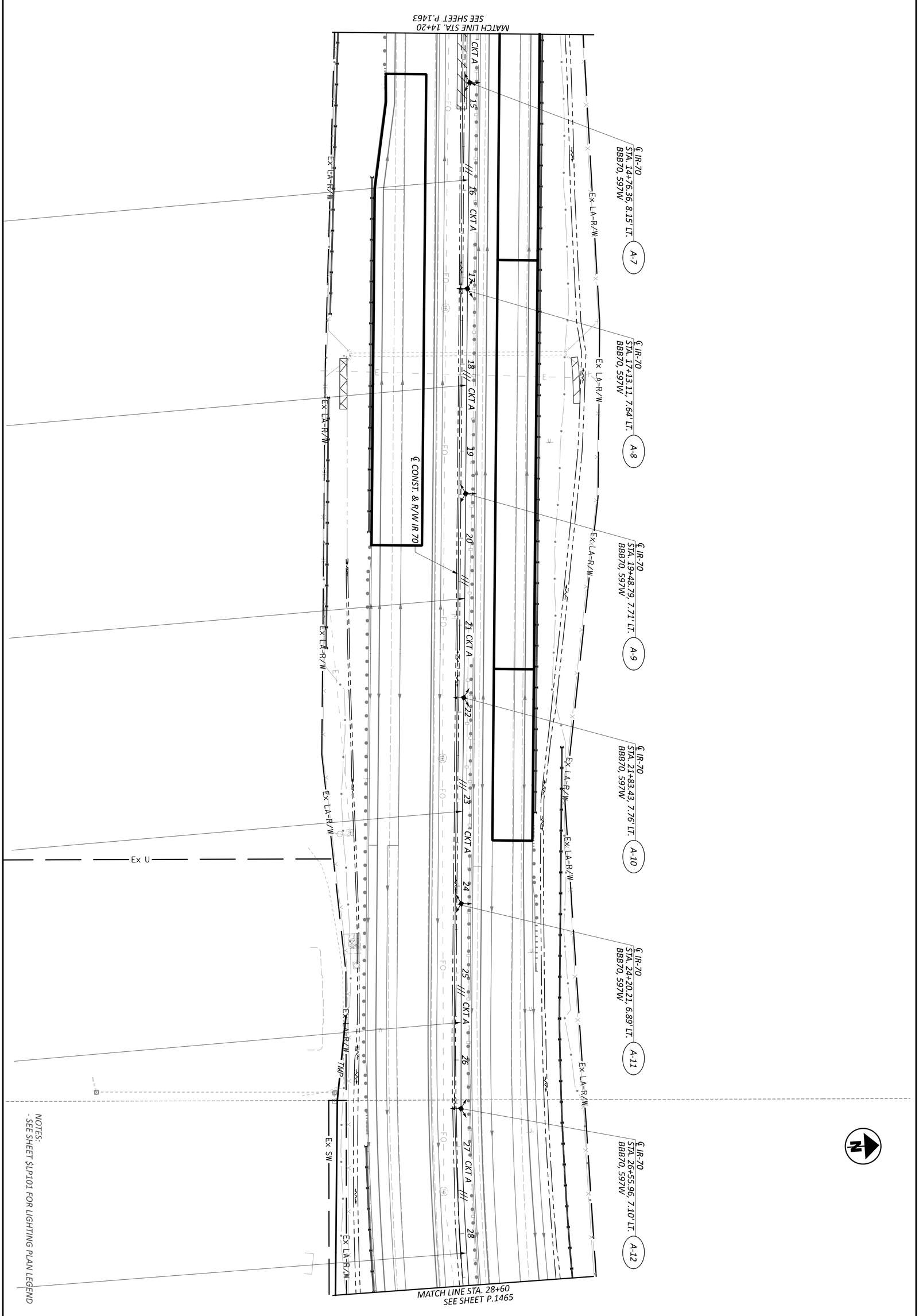

NOTES:
- SEE SHEET SLP101 FOR LIGHTING PLAN LEGEND

SHEET P.1464	TOTAL P.2024	PROJECT ID 96808	REVIEWER EMS 08/07/26	DESIGNER JSW

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

LIGHTING PLAN - IR 70
STA 14+20 TO STA 28+60

HORIZONTAL SCALE IN FEET
0 50
25 100

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

℄ IR-70
STA. 28+91.21, 6.63' LT.
BBB70, 597W
A-13

℄ IR-70
STA. 31+28.56, 5.59' LT.
BBB70, 597W
A-14

℄ IR-70
STA. 33+63.90, 6.06' LT.
BBB70, 597W
A-15

℄ IR-70
STA. 36+00.48, 6.57' LT.
BBB70, 597W
A-16

℄ IR-70
STA. 38+35.32, 6.86' LT.
BBB70, 597W
A-17

℄ IR-70
STA. 40+69.58, 7.72' LT.
BBB70, 597W
A-18

MATCH LINE STA. 28+60
SEE SHEET P.1464

MATCH LINE STA. 43+00
SEE SHEET $LP104

Ex LA-R/W
CKT A
FO
TMP
Ex SW
SAN
℄ CONST. & R/W IR 70

HORIZONTAL
SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 28+60 TO STA 43+00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP102 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:13 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT INC.

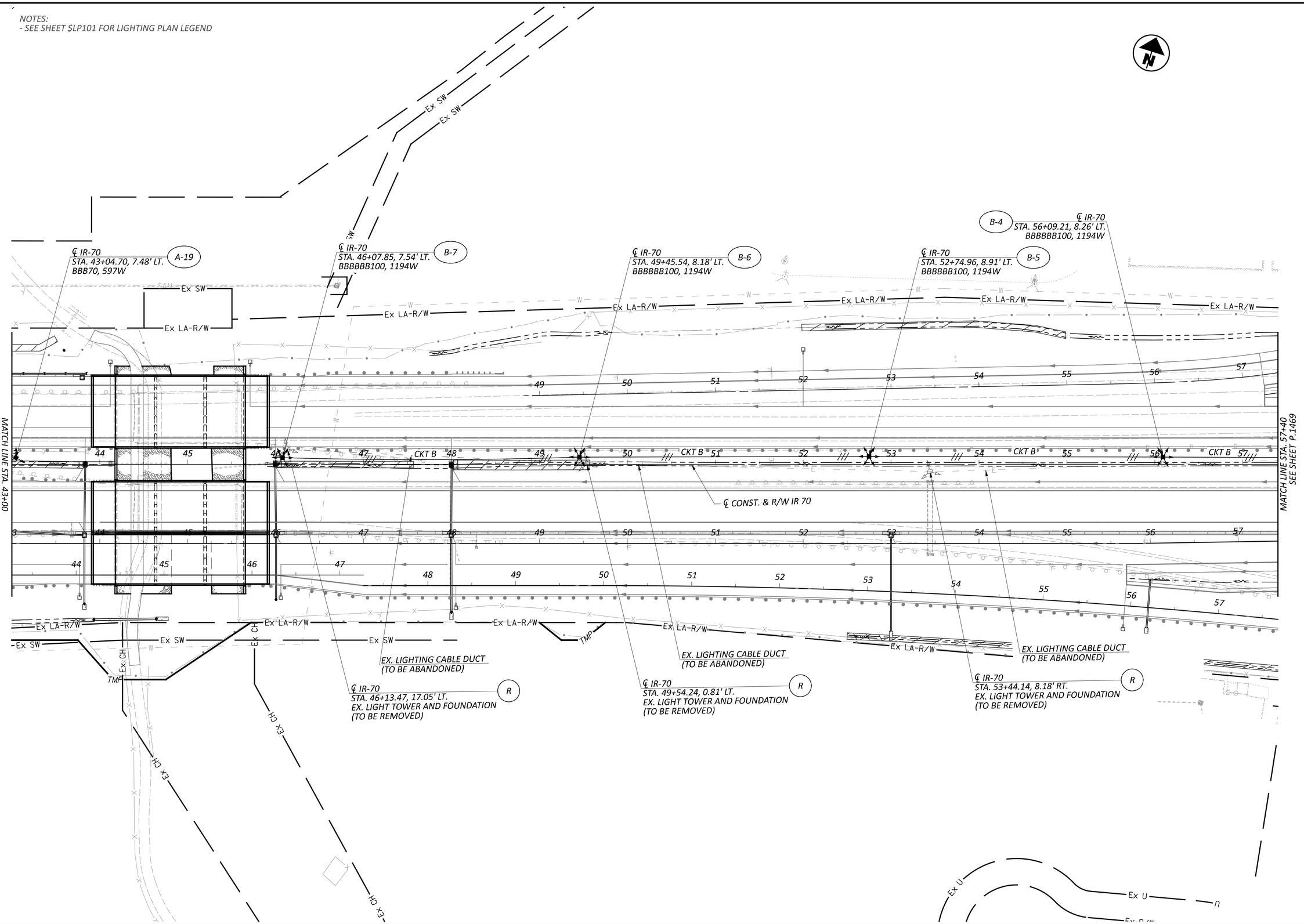
DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1465 | TOTAL P.2024

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND



HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 43+00 TO STA 57+40

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1466 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP103 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:19 AM USER: brieder
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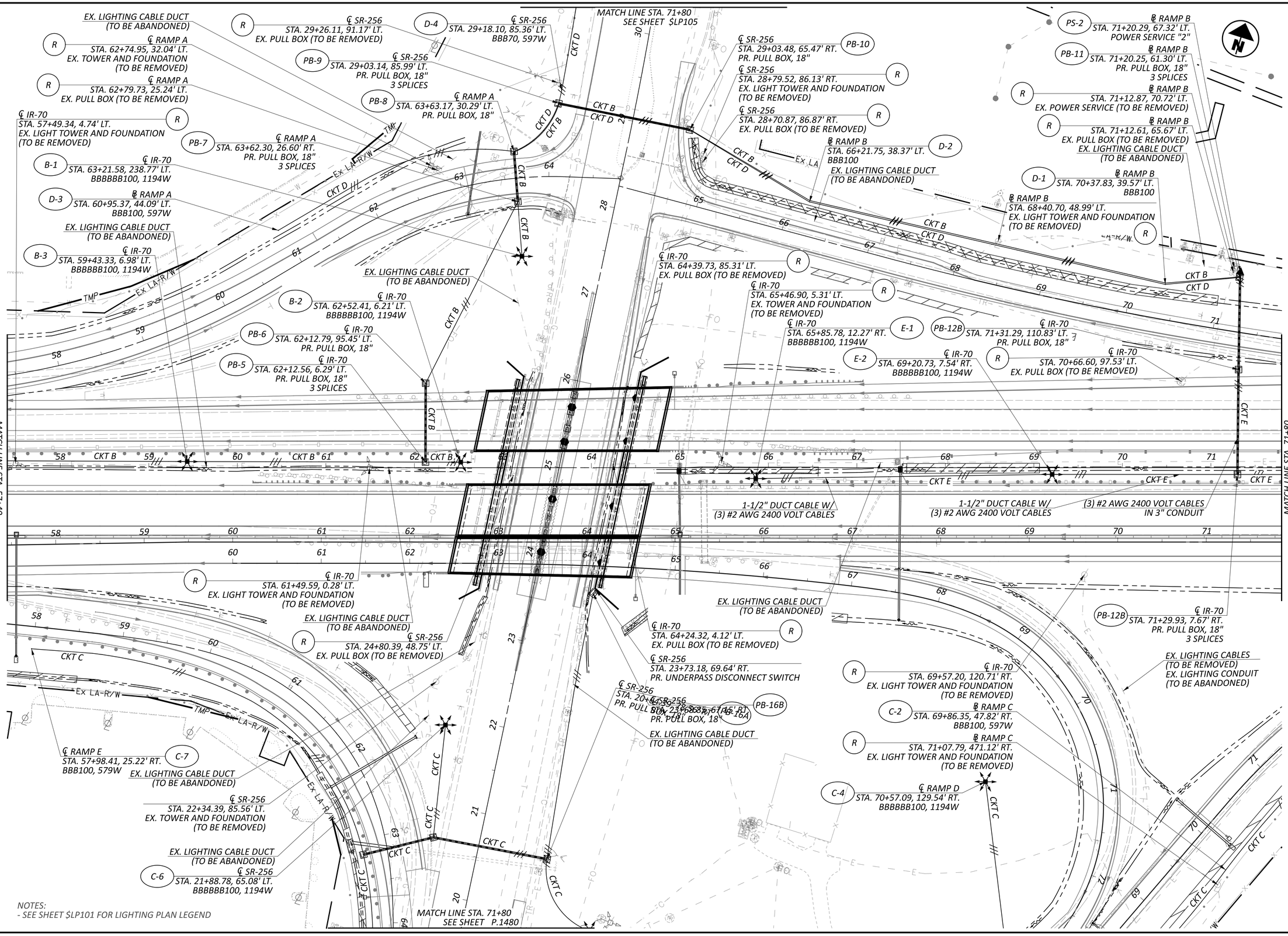

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 57+40 TO STA 71+80

FAI/LIC-IR 70-0.00/0.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1467
TOTAL	P.2024

MODEL: 96808_LP104 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:25 AM USER: brieder
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NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - SR 256
STA. 5+00 TO STA. 17+00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1468
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5259 - Plan 22 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:31 AM USER: brieder
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FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5256 - Plan 18 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:37 AM USER: brieder
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HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - SR 256
STA. 30+00 TO STA. 42+50

EX. LIGHTING CABLE DUCT (TO BE ABANDONED)

℄ SR-256
STA. 32+26.95, 88.77' LT.
BBB70, 597W
D-5

℄ SR-256
STA. 33+49.04, 79.06' LT.
EX. LIGHT TOWER AND FOUNDATION (TO BE REMOVED)
R

℄ SR-256
STA. 35+42.58, 93.95' LT.
BBB70, 597W
D-6

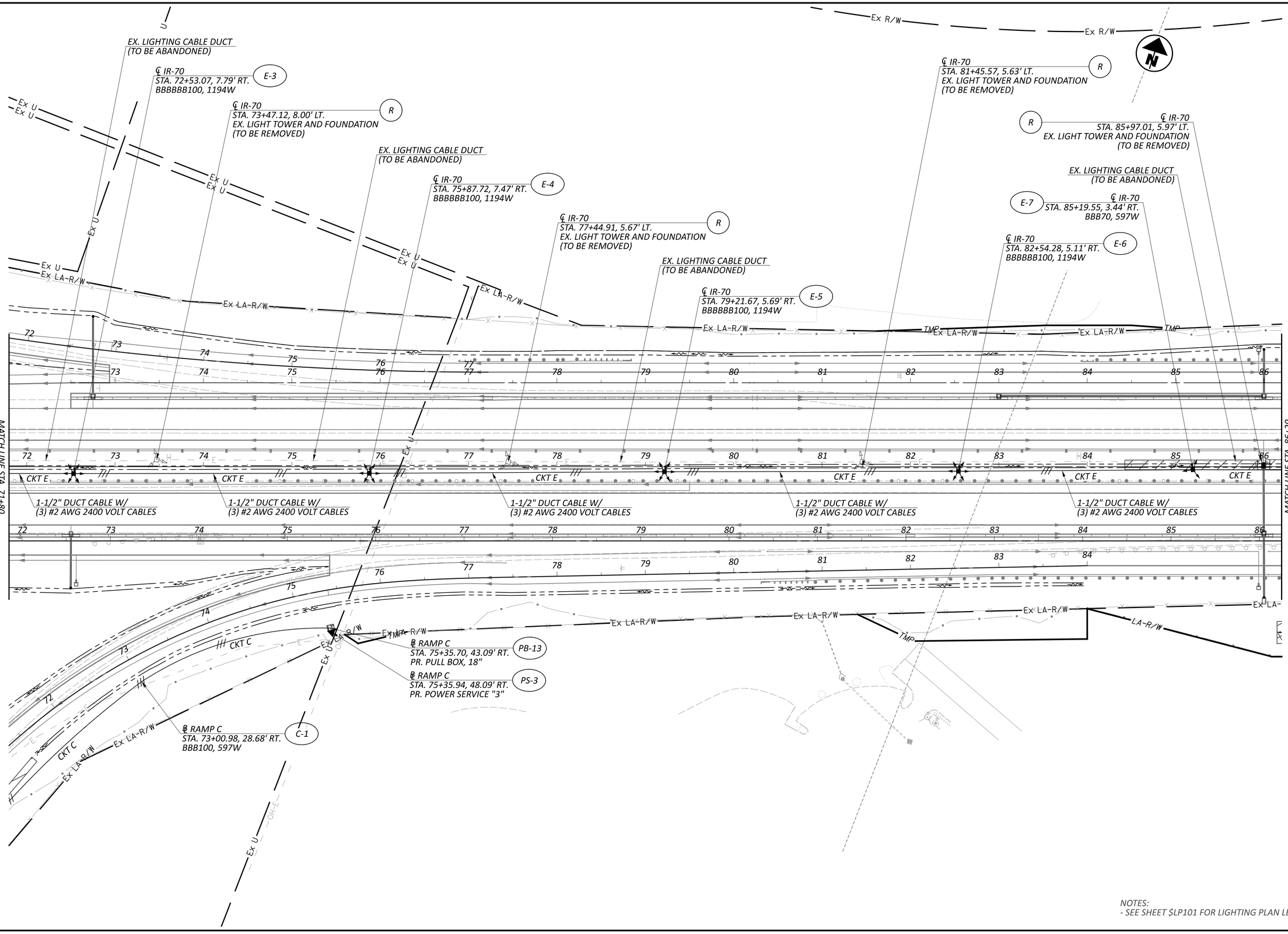
MATCH LINE STA. 30+00
SEE SHEET SLP101

Ex R/W
Ex SW
Ex U
Ex LA-R/W
CKT D
SAN
TR
FO

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1469
TOTAL	P.2024



NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

LIGHTING PLAN - IR 70
STA 71+80 TO STA 86+20

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP105 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:43 AM USER: brieder
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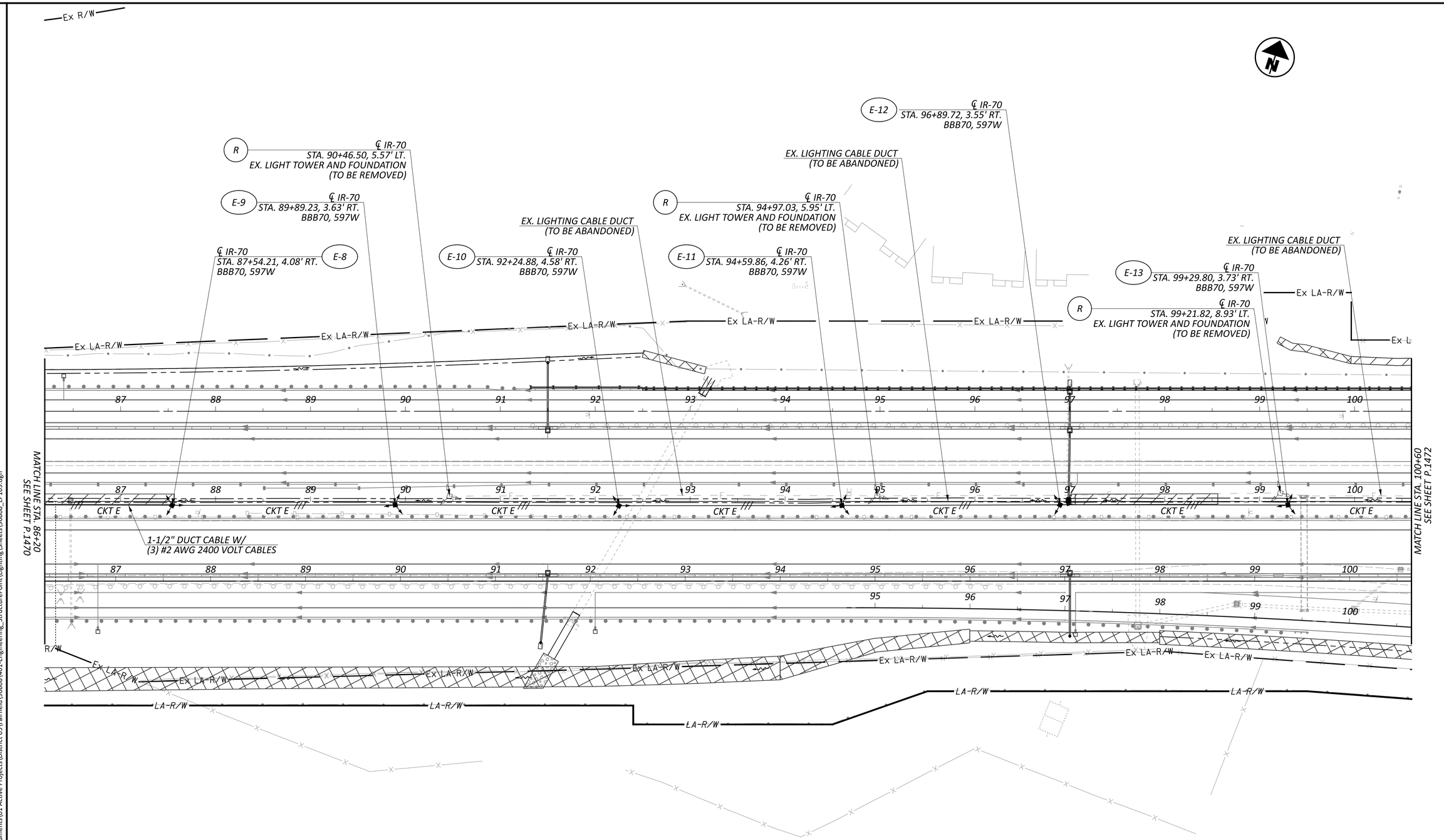
DESIGN AGENCY
STRUCTUREPOINT INC

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1470
TOTAL	P.2024



NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 86+20 TO STA 100+60

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1471 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP106 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:48 AM USER: brieder
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LIGHTING PLAN - IR 70
STA 100+60 TO STA 115+00

HORIZONTAL SCALE IN FEET
0 25 50 100

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP107 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:24:54 AM USER: brieder
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Lighting\Sheets\96808_LP110.dgn

MATCH LINE STA. 100+60
SEE SHEET $LP109

EX. LIGHTING CABLE DUCT (TO BE ABANDONED)

E-15 — ℄ IR-70 STA. 104+01.81, 3.20' RT. BBB70, 597W

R — ℄ IR-70 STA. 103+96.81, 6.30' LT. EX. LIGHT TOWER AND FOUNDATION (TO BE REMOVED)

E-14 — ℄ IR-70 STA. 101+65.57, 4.18' RT. BBB70, 597W

EX. LIGHTING CABLE DUCT (TO BE ABANDONED)

F-2 — ℄ RAMP H STA. 108+85.50, 25.07' RT. AT15B35, 259W

E-17 — ℄ IR-70 STA. 108+72.47, 3.71' RT. BBB70, 597W

R — ℄ IR-70 STA. 108+46.58, 5.82' LT. EX. LIGHT TOWER AND FOUNDATION (TO BE REMOVED)

F-3 — ℄ RAMP H STA. 106+77.10, 25.07' RT. AT15B35, 259W

E-16 — ℄ IR-70 STA. 106+37.60, 3.66' RT. BBB70, 597W

℄ IR-70 STA. 112+42.15, 116.80' LT. PR. UNDERPASS DISCONNECT SWITCH

PB-15B — ℄ IR-70 STA. 112+38.80, 113.09' LT. PR. PULL BOX, 18"

R — ℄ IR-70 STA. 112+94.62, 6.08' LT. EX. LIGHT TOWER AND FOUNDATION (TO BE REMOVED)

F-1 — ℄ RAMP H STA. 110+98.22, 23.99' RT. AT15B35, 259W

PB-15A — ℄ IR-70 STA. 111+95.99, 85.52' LT. PR. PULL BOX, 18"

F-4 — ℄ TAYLOR RD STA. 43+88.06, 61.00' RT. AT20B35, 259W

PS-4 — ℄ TAYLOR RD STA. 113+17.44, 249.69' LT. PR. POWER SERVICE "4"

PB-18 — ℄ TAYLOR RD STA. 43+55.05, 63.83' LT. PR. PULL BOX, 32" 6 SPLICES

PB-17 — ℄ RAMP H STA. 112+85.80, 209.10' LT. PR. PULL BOX, 18"

PB-16 — ℄ RAMP H STA. 112+69.19, 158.41' LT. PR. PULL BOX, 18"

F-5 — ℄ TAYLOR RD STA. 43+69.13, 104.32' RT. AT15B35, 259W

PB-19 — ℄ TAYLOR RD STA. 43+98.12, 56.46' RT. PR. PULL BOX, 18"

MATCH LINE STA. 44+60
SEE SHEET $LP116

J5 — ℄ RAMP G STA. 100+75.92, 17.28' RT. AT25B35, 259W

J4 — ℄ RAMP G STA. 102+85.61, 19.15' RT. AT25B35, 259W

J3 — ℄ RAMP G STA. 104+89.17, 35.21' RT. AT15B35, 259W

R — ℄ RAMP J STA. 106+40.49, 38.99' RT. EX. LIGHT POLE AND FOUNDATION (TO BE REMOVED)

J2 — ℄ RAMP G STA. 106+99.41, 34.00' RT. AT15B35, 259W

EX. LIGHTING CABLE DUCT (TO BE ABANDONED)

J1 — ℄ RAMP G STA. 109+09.17, 34.00' RT. AT15B35, 259W

R — ℄ RAMP J STA. 108+56.19, 150.66' RT. EX. LIGHT POLE AND FOUNDATION (TO BE REMOVED)

PB-24 — ℄ TAYLOR RD STA. 35+52.49, 93.62' LT. PR. PULL BOX, 18" 6 SPLICES

PS-5 — ℄ TAYLOR RD STA. 35+46.20, 98.65' LT. PR POWER SERVICE "5"

G-1 — ℄ IR-70 STA. 110+93.66, 5.90' RT. BBBBBB90, 1194W

PB-14 — ℄ IR-70 STA. 111+95.99, 5.70' RT. PR. PULL BOX, 18" 3 SPLICES

H-11 — ℄ TAYLOR RD STA. 38+48.90, 41.72' LT. AT15B35, 259W

PB-23 — ℄ RAMP G STA. 110+96.67, 39.63' LT. PR. PULL BOX, 18"

G-2 — ℄ IR-70 STA. 114+67.59, 5.17' RT. BBBBBB90, 1194W

J6 — ℄ RAMP J STA. 112+79.02, 18.01' RT. AT15B35, 259W

MATCH LINE STA. 35+40
SEE SHEET $LP115

MATCH LINE STA. 115+00
SEE SHEET P.1473

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1472
TOTAL	P.2024

EX. LIGHTING CABLE DUCT
(TO BE ABANDONED)

℄ RAMP I
STA. 117+00.78, 194.42' LT.
AT15B35, 259W
F-6

℄ IR-70
STA. 117+46.64, 6.07' LT.
EX. LIGHT TOWER AND FOUNDATION
(TO BE REMOVED)
R

℄ RAMP I
STA. 119+21.40, 183.75' LT.
AT15B35, 259W
F-7

EX. LIGHTING CABLE DUCT
(TO BE ABANDONED)

℄ RAMP I
STA. 121+40.81, 159.80' LT.
AT15B35, 259W
F-8

℄ IR-70
STA. 121+97.04, 6.11' LT.
EX. LIGHT TOWER AND FOUNDATION
(TO BE REMOVED)
R

℄ RAMP I
STA. 123+59.98, 136.41' LT.
AT15B35, 259W
F-9

EX. LIGHTING CABLE DUCT
(TO BE ABANDONED)

℄ IR-70
STA. 126+46.47, 6.12' LT.
EX. LIGHT TOWER AND FOUNDATION
(TO BE REMOVED)
R

EX. LIGHTING CABLE DUCT
(TO BE ABANDONED)

LA-R/W
Ex LA-R/W
CKT F
CKT G
CKT J

MATCH LINE STA. 115+00
SEE SHEET P.1472

MATCH LINE STA. 129+40
SEE SHEET P.1474

℄ IR-70
STA. 117+03.20, 7.60' RT.
BBB70, 597W
G-3

℄ IR-70
STA. 119+38.48, 7.31' RT.
BBB70, 597W
G-4

℄ IR-70
STA. 121+72.51, 8.73' RT.
BBB70, 597W
G-5

℄ IR-70
STA. 124+06.43, 7.50' RT.
BBB70, 597W
G-6

℄ IR-70
STA. 126+42.96, 8.38' RT.
BBB70, 597W
G-7

℄ IR-70
STA. 128+77.57, 7.78' RT.
BBB70, 597W
G-8

℄ RAMP J
STA. 116+93.56, 12.69' RT.
AT15B35, 259W
J-8

℄ RAMP J
STA. 118+98.22, 12.68' RT.
AT15B35, 259W
J-9

℄ RAMP J
STA. 120+91.46, 14.74' RT.
AT15B35, 259W
J-10

℄ RAMP J
STA. 114+90.48, 18.28' RT.
AT15B35, 259W
J-7

Ex U
Ex SW

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL
SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 115+00 TO STA 129+40

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP108 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:00 AM USER: brieder
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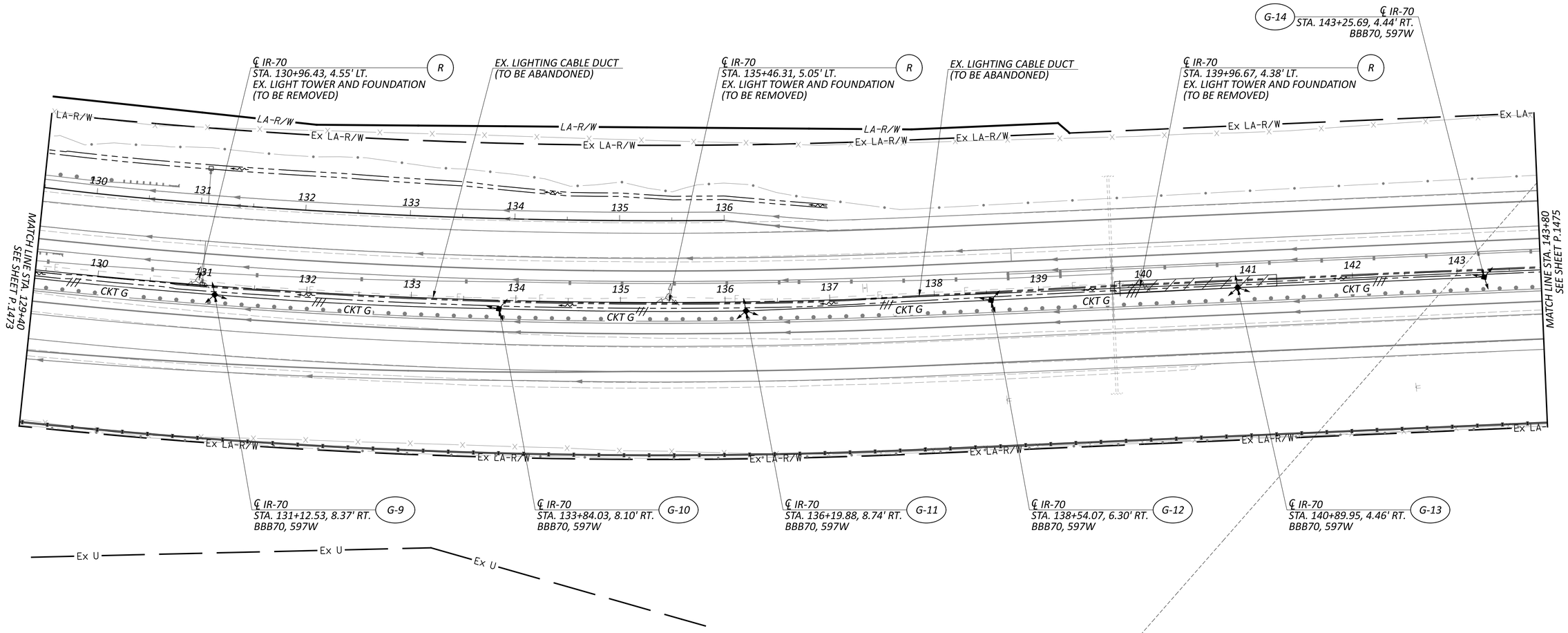
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1473 | TOTAL P.2024



NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 119+40 TO STA 143+80

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1474 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP109 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:06 AM USER: brieder
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NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 143+80 TO STA 158+20

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP110 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:11 AM USER: brieder
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1475
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP111 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:16 AM USER: brieder
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MATCH LINE STA. 158+20
SEE SHEET P.1475

℄ IR-70
STA. 159+70.59, 4.12' RT.
BBB70, 597W
I-4

℄ IR-70
STA. 162+07.27, 4.48' RT.
BBB70, 597W
I-3

PB-28
℄ IR-70
STA. 164+03.97, 15.56' LT.
PR. PULL BOX, 18"

PB-27
℄ IR-70
STA. 164+04.03, 4.44' LT.
PR. PULL BOX, 18"
3 SPLICES

℄ IR-70
STA. 164+14.30, 4.90' LT.
BBB70, 597W
I-2

PB-31
℄ IR-70
STA. 164+32.75, 85.99' RT.
PR. PULL BOX, 18"

PS-7
℄ PALMER RD
STA. 21+56.50, 50.76' RT.
PR. POWER SERVICE "6"

PB-32
℄ PALMER RD
STA. 21+56.63, 45.92' RT.
PR. PULL BOX, 18"

℄ IR-70
STA. 165+79.39, 15.04' LT.
PR. PULL BOX, 18"
PB-29

℄ IR-70
STA. 165+87.29, 3.36' LT.
PR. PULL BOX, 18"
PB-30

℄ IR-70
STA. 166+54.23, 3.70' LT.
BBB70, 597W
I-1

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA 158+20 TO 167+00

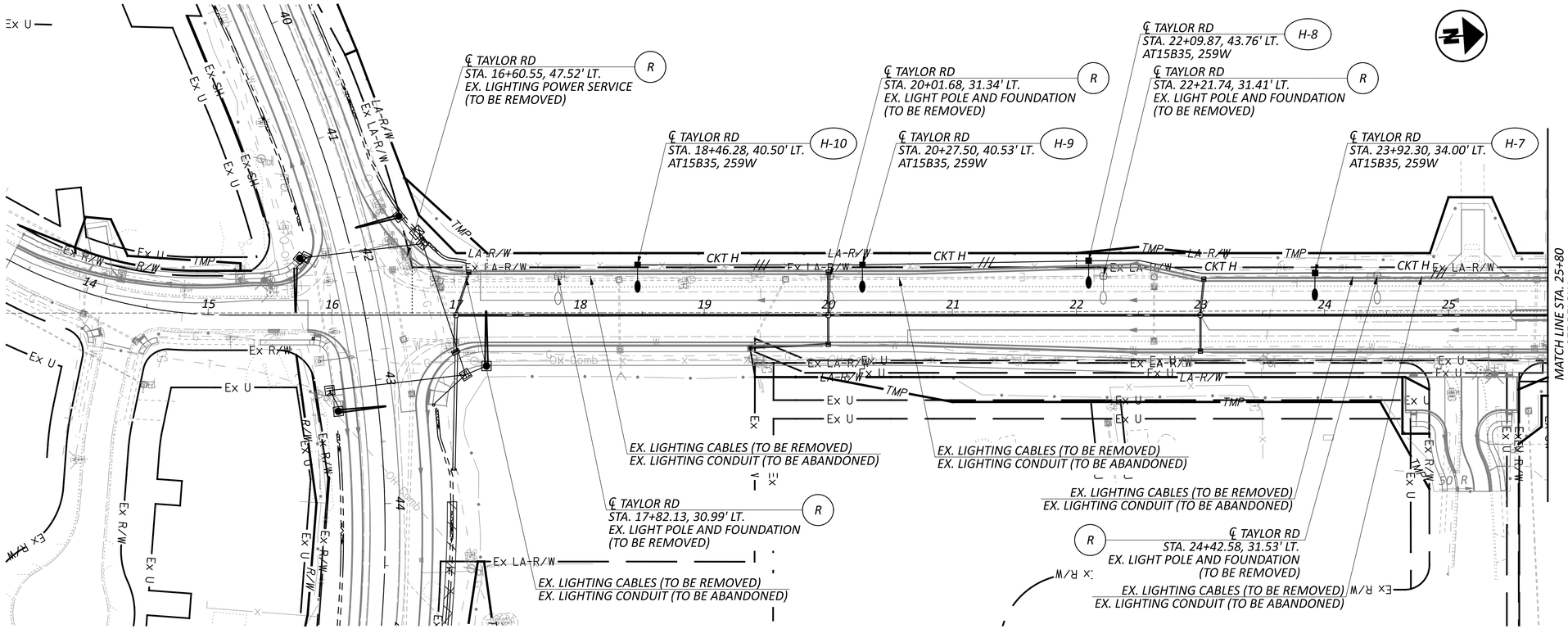
DESIGN AGENCY
STRUCTUREPOINT LLC

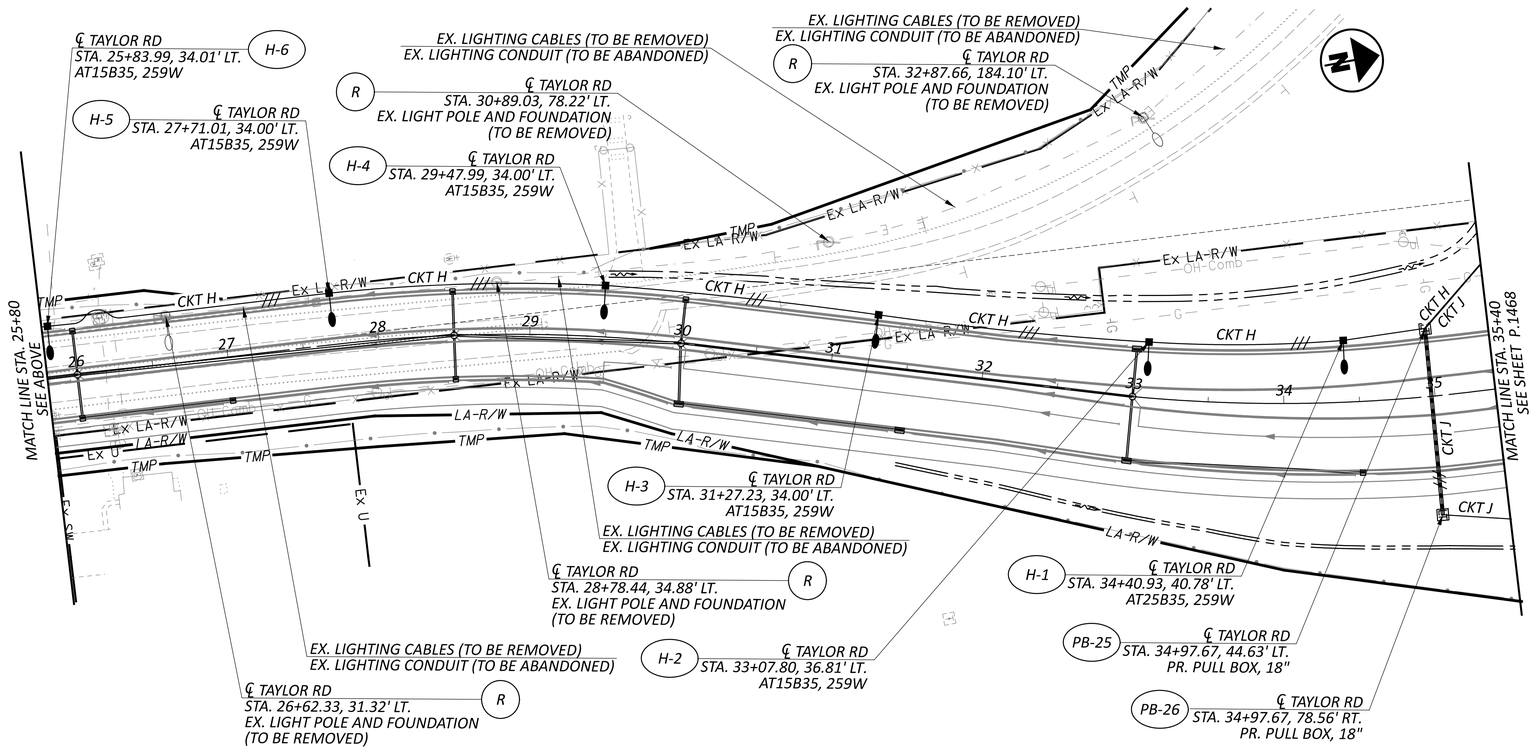
DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1476 TOTAL P.2024





NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - TAYLOR RD
STA 15+00 TO STA 35+40

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET / TOTAL	P.1477 / P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP4000 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:22 AM USER: bnieder
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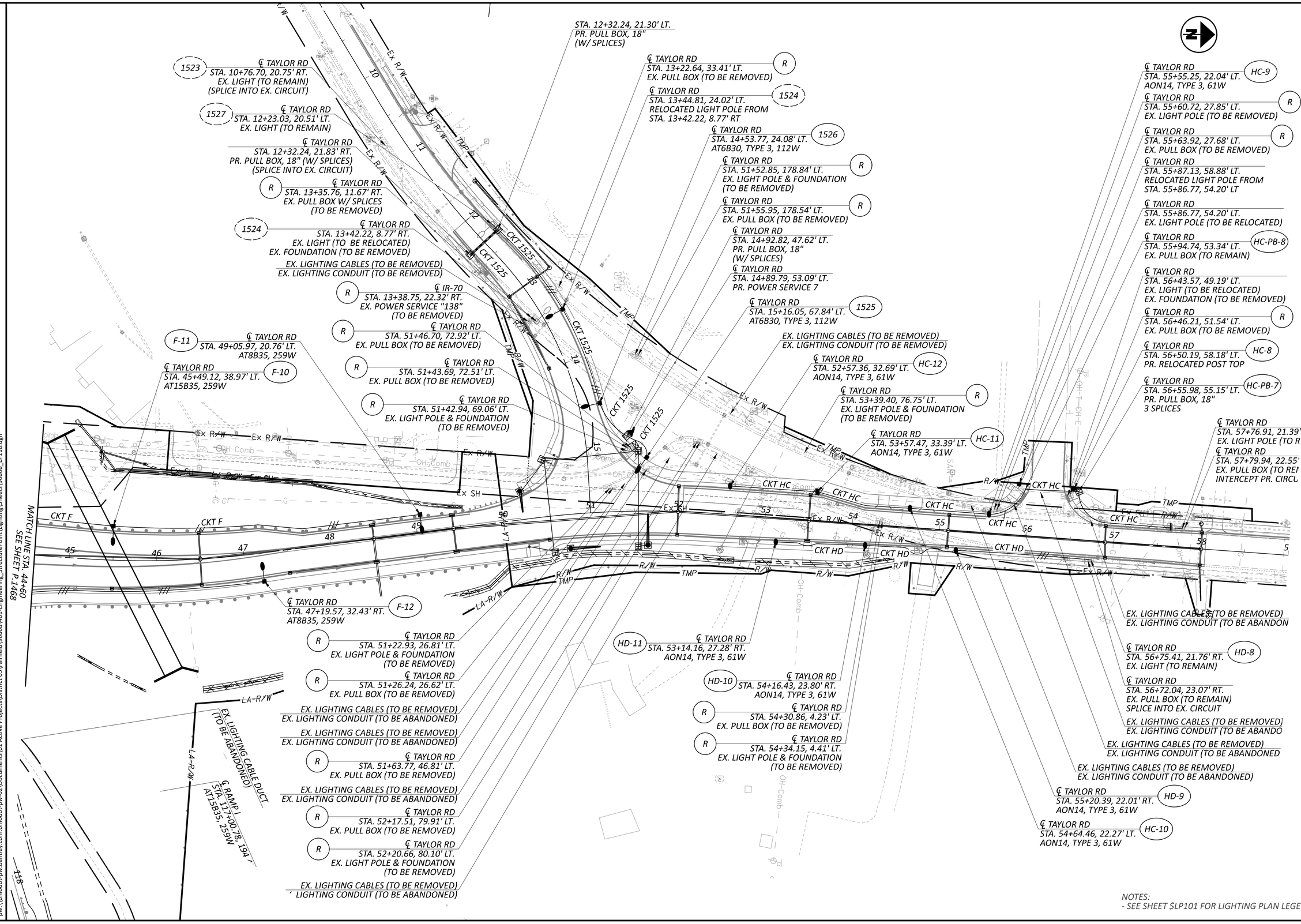

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - TAYLOR RD
STA 44+60 TO STA 59+00

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_LP5000 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:28 AM USER: brieder
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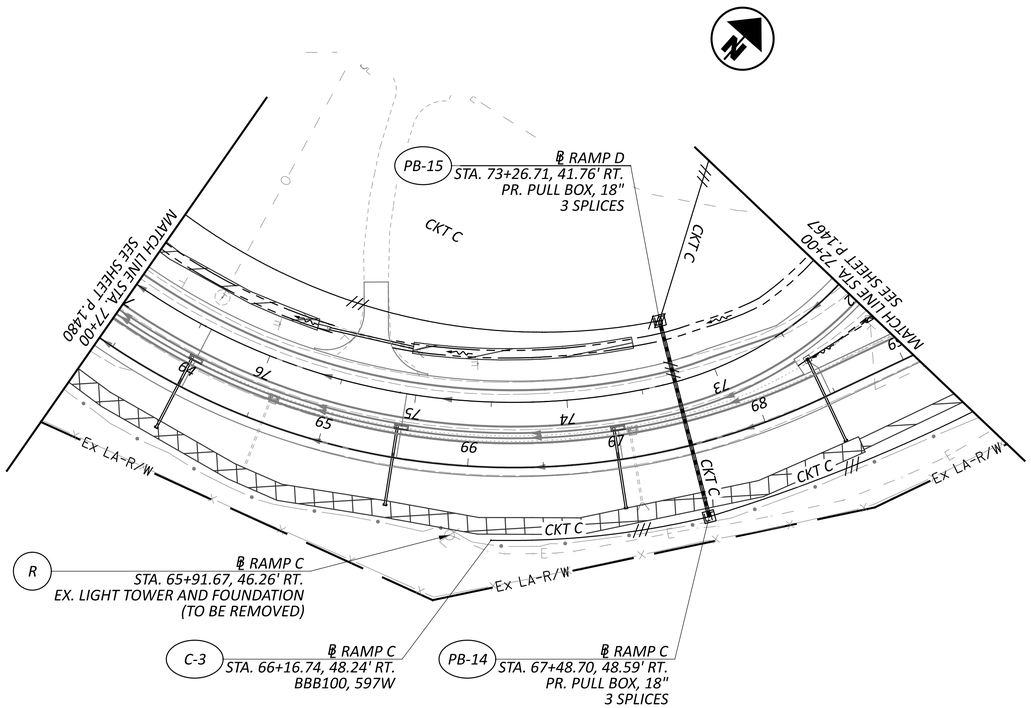
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1478
TOTAL	P.2024



NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - IR 70
STA. 72+00 TO STA. 77+00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JSW
REVIEWER EMS 08/07/26
PROJECT ID 96808
SHEET P.1479 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 15 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:34 AM USER: brieder
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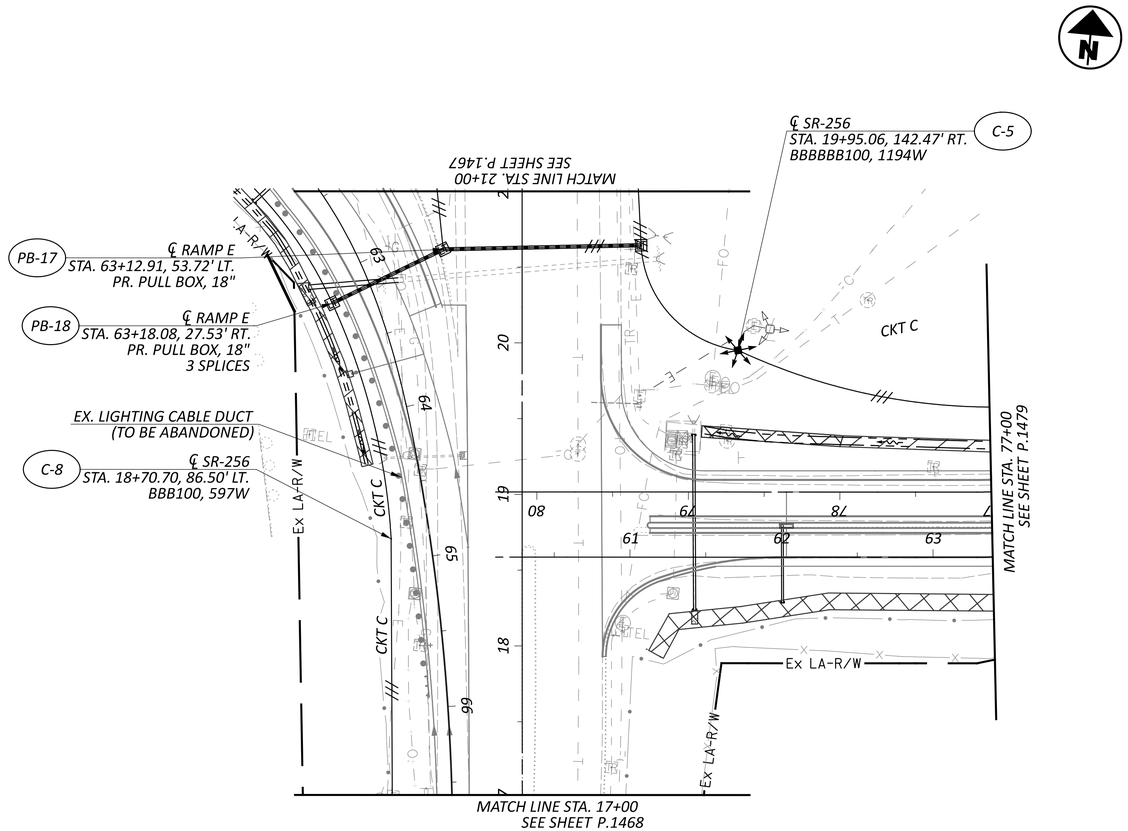

NOTES:
- SEE SHEET $LP101 FOR LIGHTING PLAN LEGEND

HORIZONTAL SCALE IN FEET
0 25 50 100

LIGHTING PLAN - SR 256
STA. 17+00 TO STA. 21+00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1480 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: BLP_R070D - Plan 16 PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:40 AM USER: brieder
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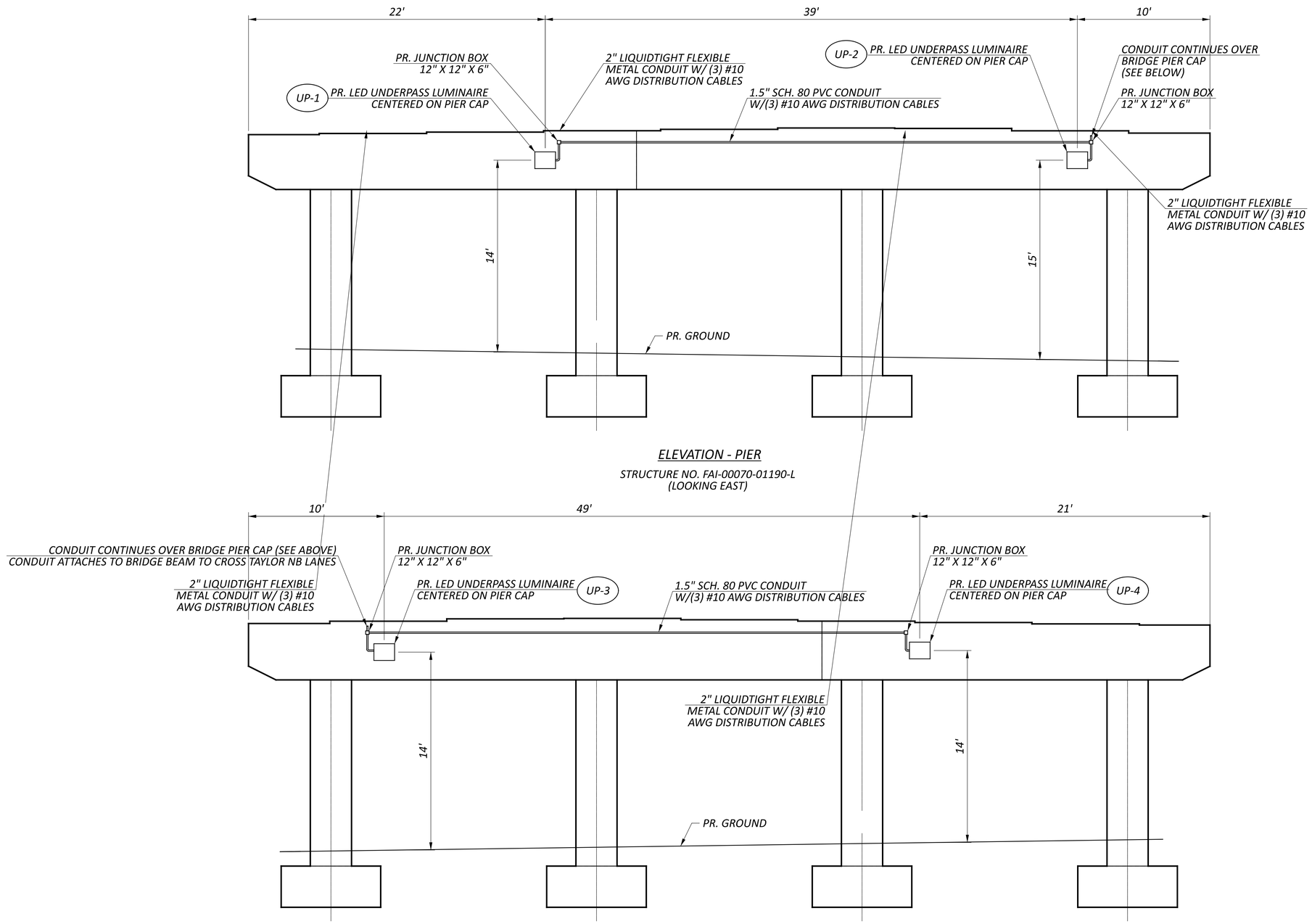

HORIZONTAL
SCALE IN FEET
0 2 4 8

UNDERPASS LIGHTING DETAILS
SFN2301629 IR-70 WESTBOUND PIER 1

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1481 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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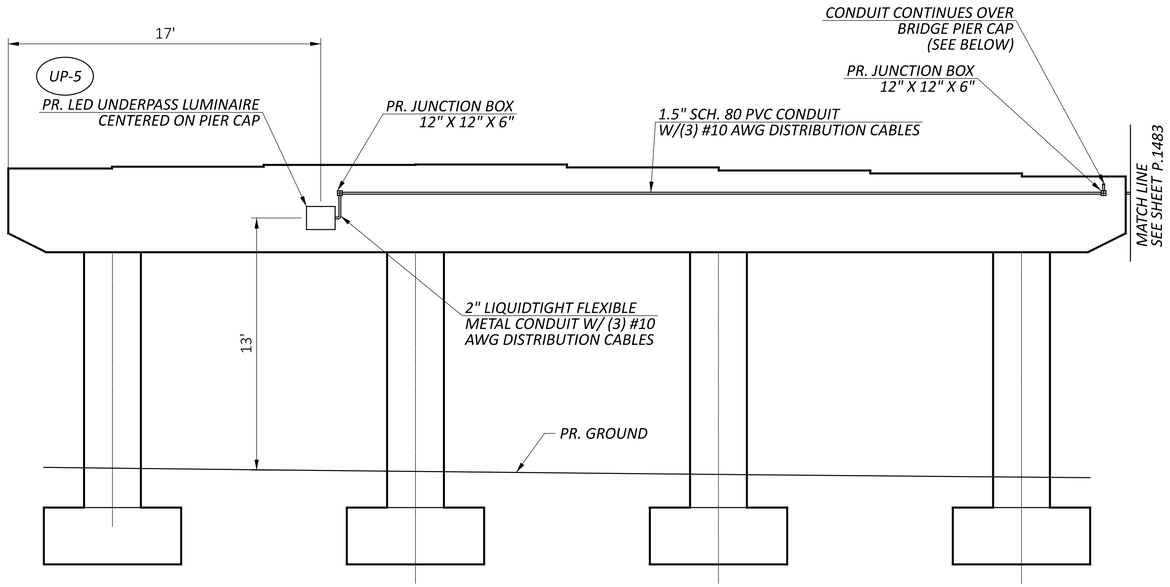
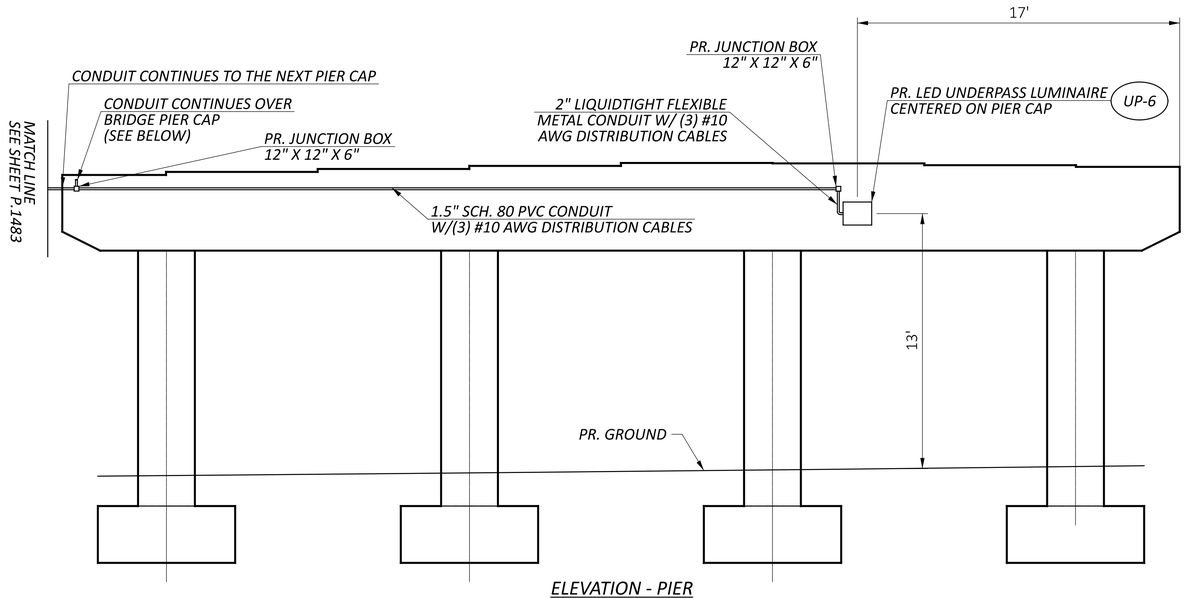


ELEVATION - PIER

STRUCTURE NO. FAI 00070-01190-R
(LOOKING EAST)



ELEVATION - PIER

STRUCTURE NO. FAI 00070-01190-R
(LOOKING WEST)

HORIZONTAL
SCALE IN FEET
0 2 4 8

UNDERPASS LIGHTING DETAIL
SFN2301653 - IR-70 OVER SR-256 - PIER 1 EB IR-70

DESIGN AGENCY
WESTERN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1482 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:49 AM USER: brieder
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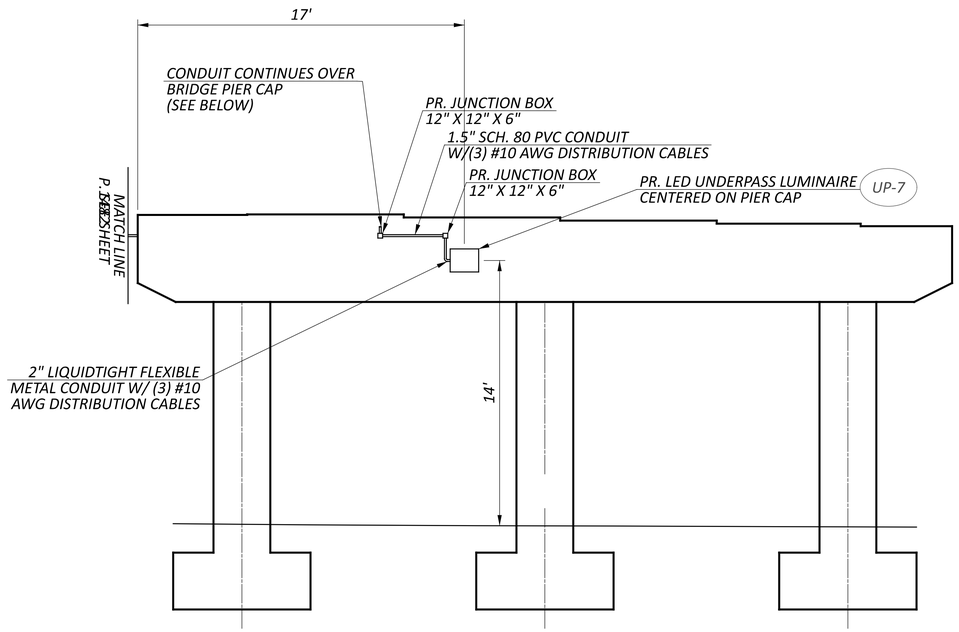
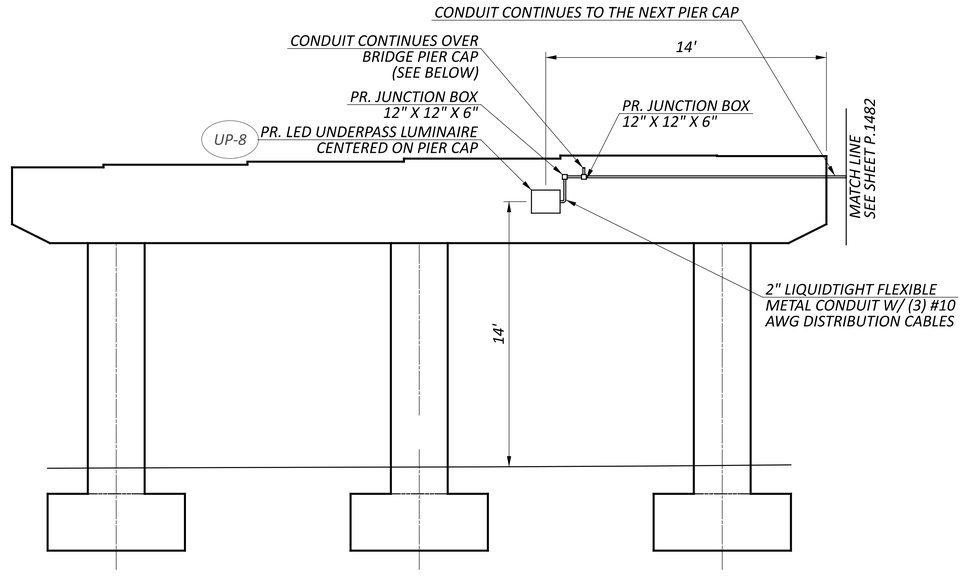


STRUCTURE NO. 2301654 UNDERPASS ELEVATION DETAIL (LOOKING EAST)



STRUCTURE NO. 2301654 UNDERPASS ELEVATION DETAIL (LOOKING WEST)

HORIZONTAL
SCALE IN FEET
0 2 4 8

UNDERPASS LIGHTING DETAIL
SFN2301654 - IR-70 OVER SR-256 - PIER 1 RAMP K

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1483 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:52 AM USER: brieder
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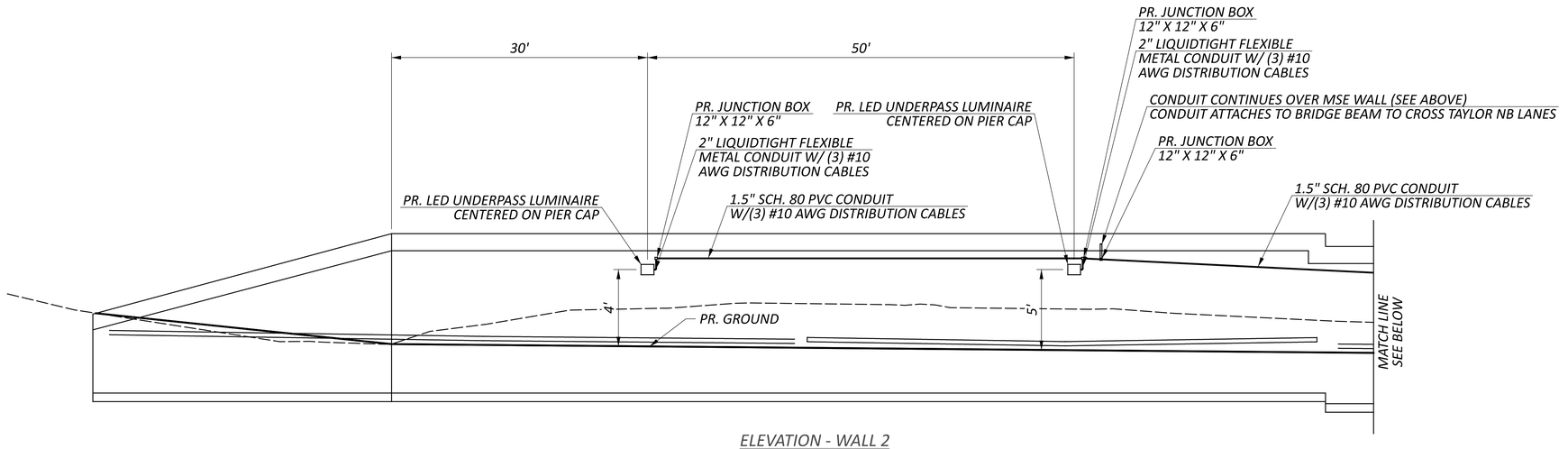
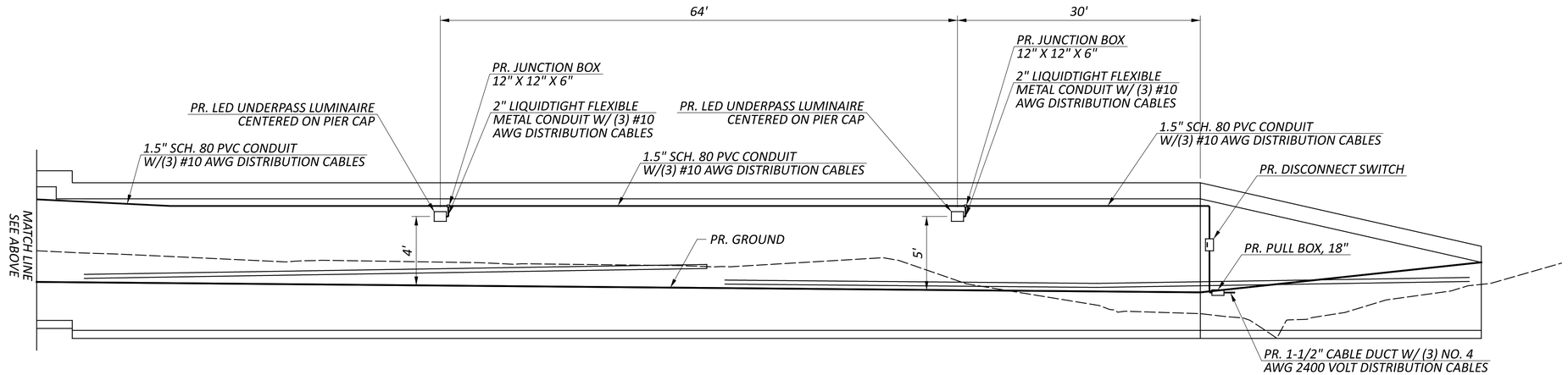


ELEVATION - WALL 2

(LOOKING EAST)



ELEVATION - WALL 2

(LOOKING EAST)

HORIZONTAL
SCALE IN FEET
0 4 8 16

UNDERPASS LIGHTING DETAIL
WALL 2 - IR-70 OVER SR-256

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

CONDUI
COND

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1484 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:26:00 AM USER: brieder
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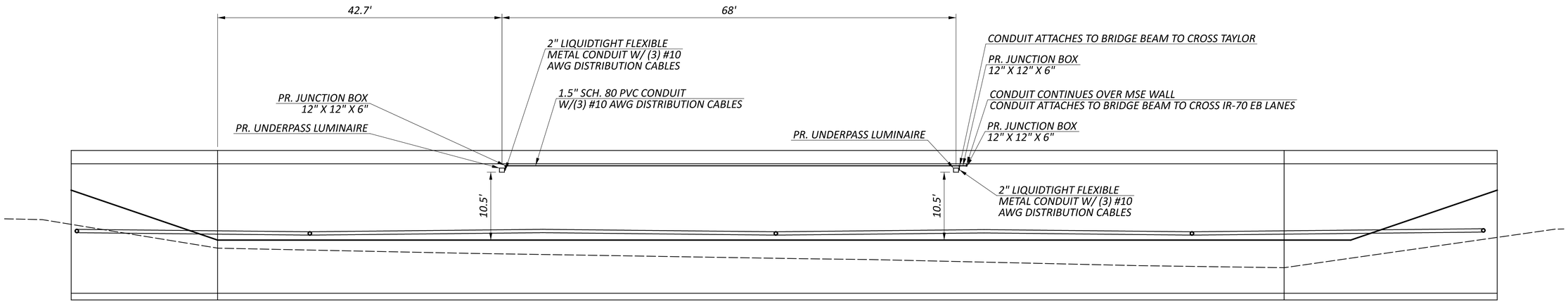

ELEVATION - WALL 3

(LOOKING SOUTH)

HORIZONTAL SCALE IN FEET
0 4 8 16

UNDERPASS LIGHTING DETAIL
WALL 3 - TAYLOR RD OVER IR-70

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1485 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:25:56 AM USER: brieder
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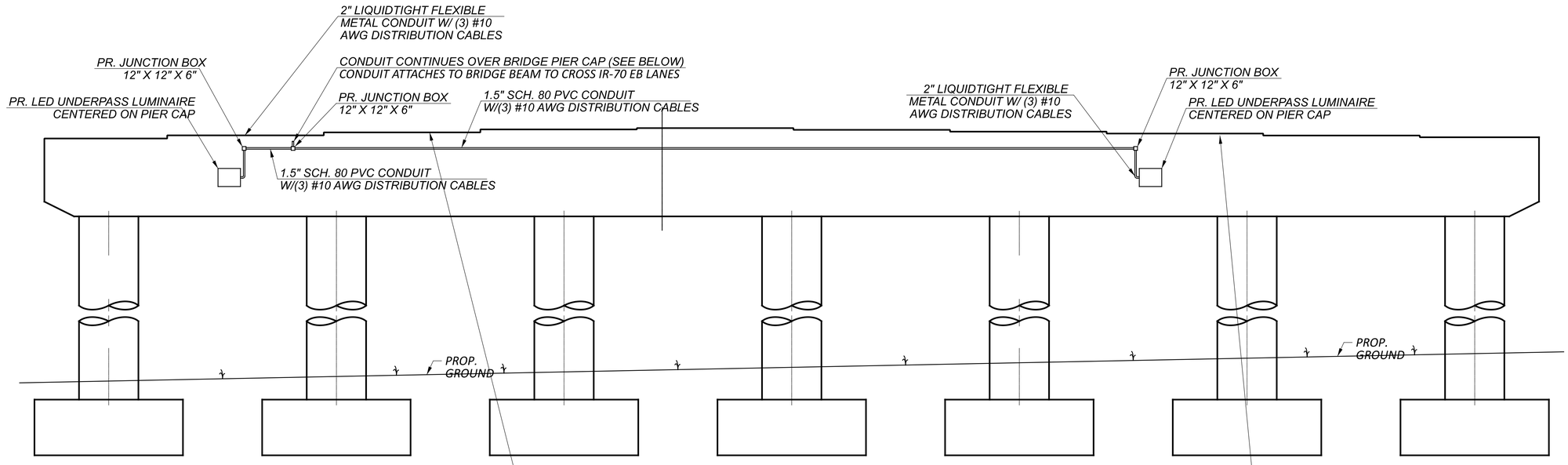
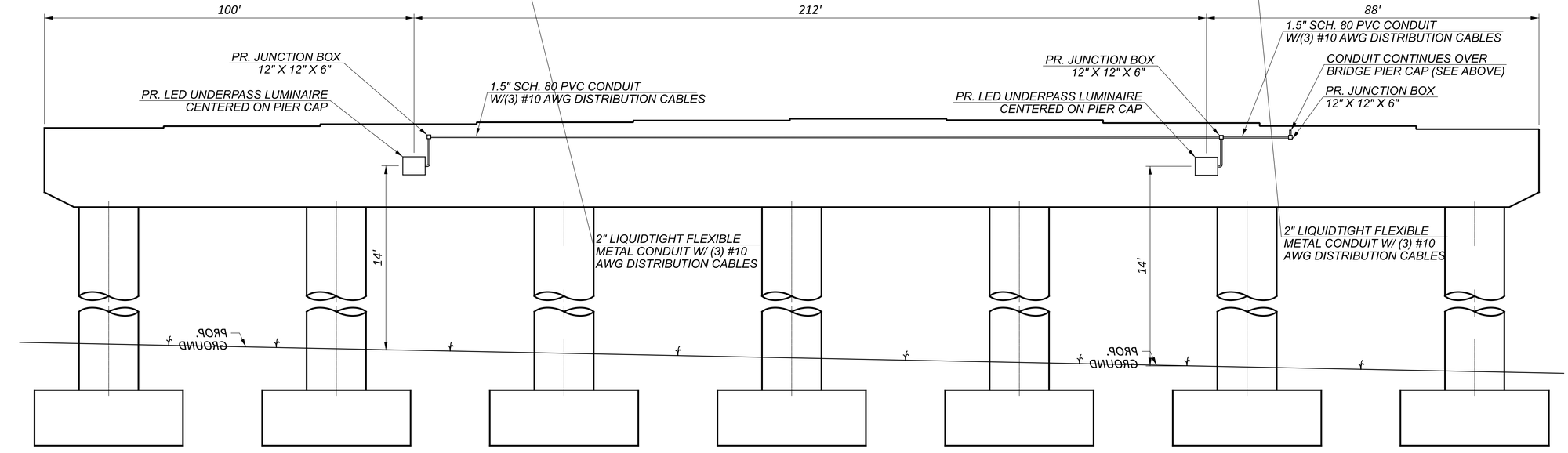


STRUCTURE NO. 2302588 UNDERPASS ELEVATION DETAIL (LOOKING NORTH)



STRUCTURE NO. 2302588 UNDERPASS ELEVATION DETAIL (LOOKING SOUTH)

HORIZONTAL SCALE IN FEET
0 2 4 8

UNDERPASS LIGHTING DETAIL
SFN2302588 - TAYLOR RD OVER IR-70 - PIER 1

DESIGN AGENCY
WESTON STRUCTUREPOINT INC.

DESIGNER	JSW
REVIEWER	EMS 08/07/26
PROJECT ID	96808
SHEET	P.1486
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:26:04 AM USER: bfeder
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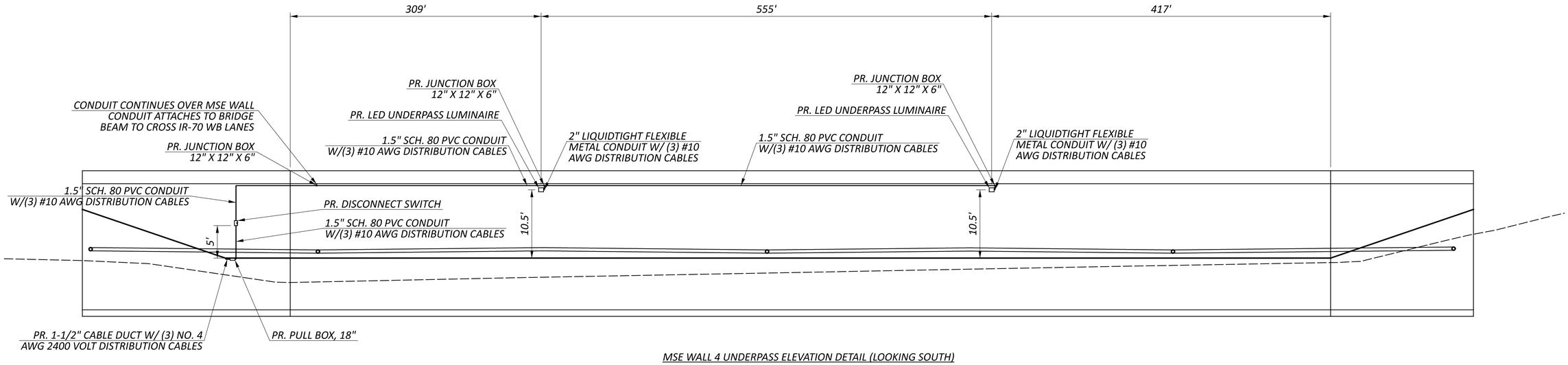

MSE WALL 4 UNDERPASS ELEVATION DETAIL (LOOKING SOUTH)

HORIZONTAL
SCALE IN FEET
0 4 8 16

UNDERPASS LIGHTING DETAIL
WALL 4 - TAYLOR RD OVER IR-70

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JSW

REVIEWER
EMS 08/07/26

PROJECT ID
96808

SHEET P.1487 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/22/2026 TIME: 6:26:08 AM USER: brieder
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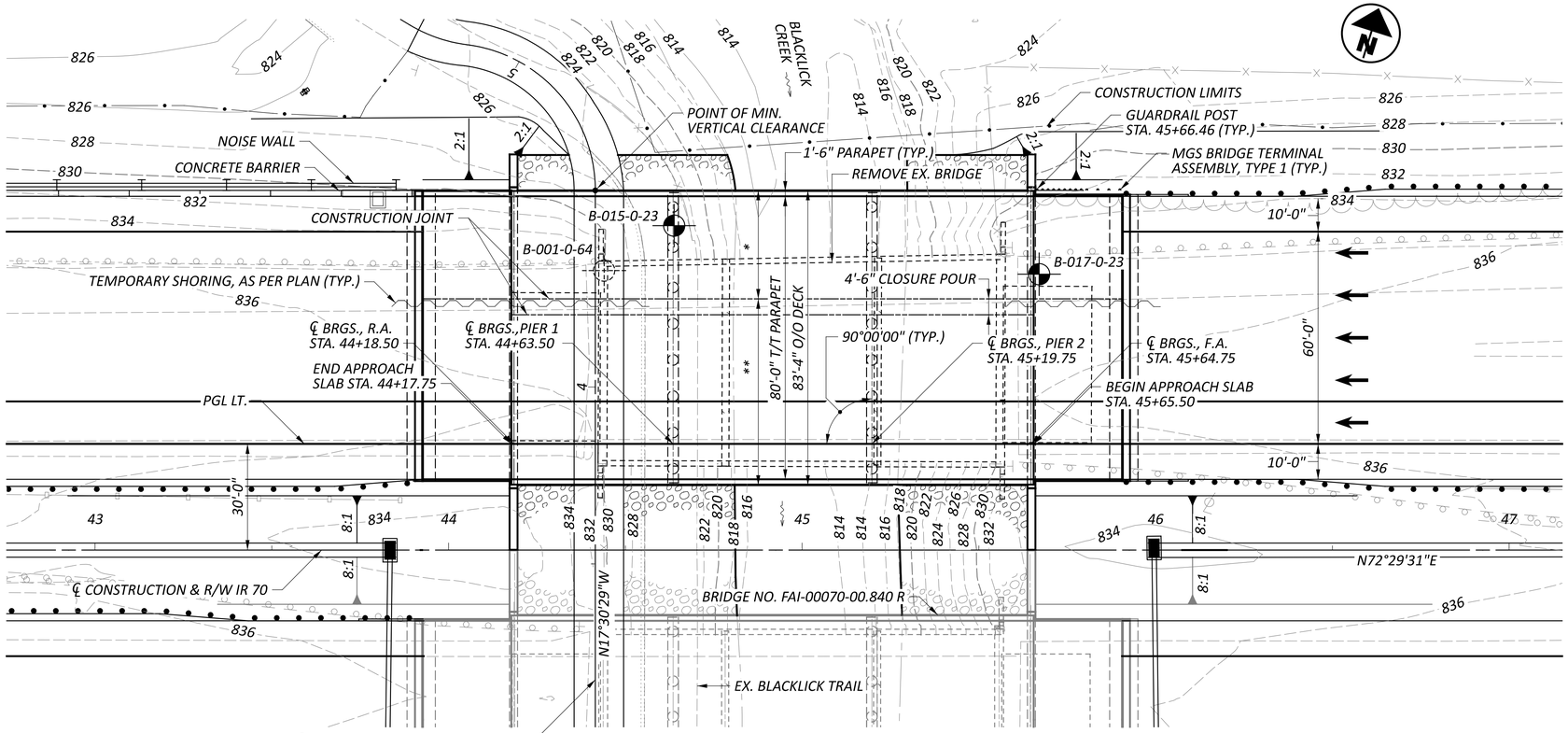
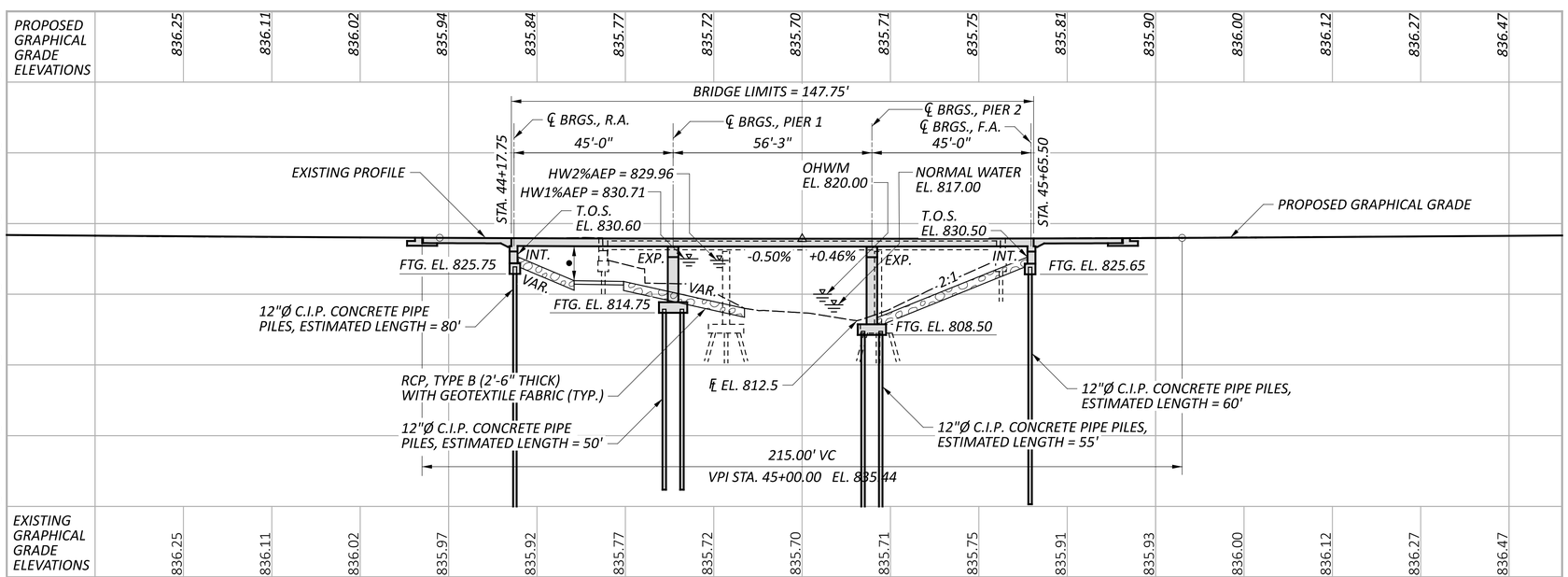


PLAN



PROFILE - ALONG PGL LT.

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12'	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98'	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75'	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.2024.

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 56680 2030 ADTT = 6802
2050 ADT = 76150 2050 ADTT = 9138
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  9'-0" ACTUAL MINIMUM VERTICAL CLEARANCE
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

* - PHASE 4A CONSTRUCTION = 30'-8"
** - PHASE 4B CONSTRUCTION = 52'-8"

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN HW BY 2.80 FEET.

EXISTING STRUCTURE

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 34'-6"±, 43'-0"±, 34'-6"± (C/C BEARINGS)
ROADWAY: VARIABLE TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: NONE
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301563
DATE BUILT: 1967 REHABILITATED: 1989
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS
SPANS: 45'-0", 56'-3", 45'-0" (C/C BEARINGS)
ROADWAY: 80'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: NONE
APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE C, MODIFIED)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 12,313 SF
COORDINATES: LATITUDE 39°55'55.80"N
LONGITUDE 82°47'45.6"W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER BWR CHECKER AMR
REVIEWER GDJ 8-18-26
PROJECT ID 96808
SUBSET 1 TOTAL 30
SHEET P.1488 TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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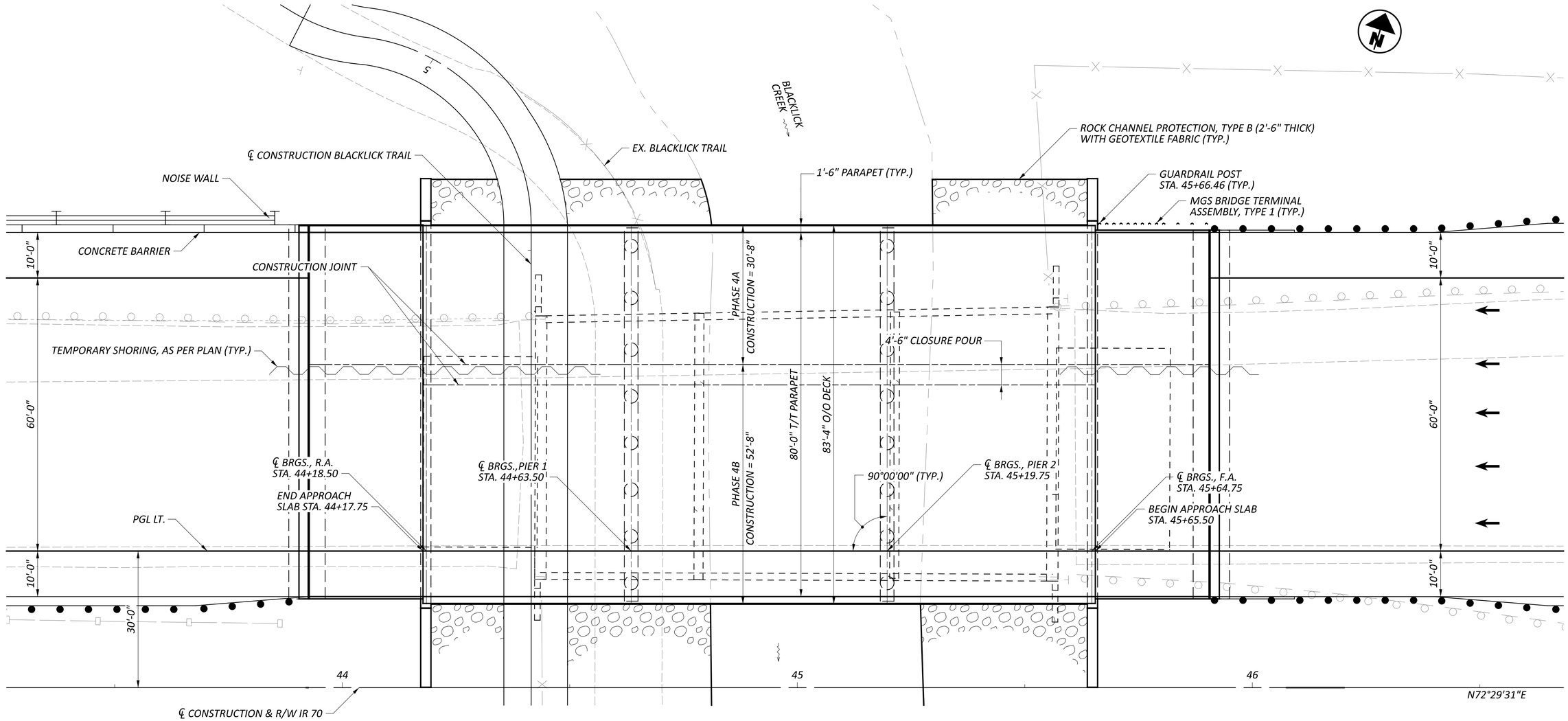

GENERAL PLAN

HORIZONTAL SCALE IN FEET
0 10 20 40

GENERAL PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	BWR
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	2
TOTAL	30
SHEET	P.1489
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	DATED	1-16-2026
SBR-1-20	REVISED	7-19-2024
PCB-91	REVISED	7-17-2020

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT^2

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAPS)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURE, SUPERSTRUCTURE, APPROACH SLAB)

GFRP REINFORCEMENT (PARAPET)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

STEEL SHEET PILING - ASTM A572 GRADE 50 - YIELD STRENGTH 50 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 267 KIPS PER PILE FOR THE REAR ABUTMENT PILES. THE UBV IS 324 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 311 KIPS PER PILE FOR THE PIER 2 PILES.
THE UBV FOR THE REAR ABUTMENT PILES INCLUDES AN ADDITIONAL 8 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR THE PIER 1 PILES INCLUDES AN ADDITIONAL 14 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 7 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR THE PIER 2 PILES INCLUDES AN ADDITIONAL 1 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 7 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 85 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 65 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.25" FOR THE ABUTMENTS AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 267 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 7 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 60 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

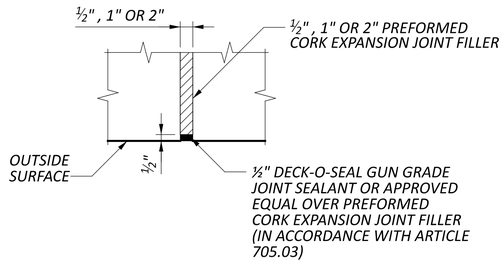
IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665



PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

SCOUR ELEVATIONS

THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	819.98	805.92	805.92	822.98
CHECK FLOOD	823.00	805.67	805.67	826.00

ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANES OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF THE EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF THE EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUM SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
3	30

SHEET	TOTAL
P.1490	P.2024

FAI/LIC-IR 70-0.00/0.00

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DESIGN: DATE:		CHECK: DATE:		ESTIMATED QUANTITIES					
ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
				202	22900	SY		APPROACH SLAB REMOVED	
				202	32800	SY		CONCRETE SLOPE PROTECTION REMOVED	
				503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING	
				503	11101	LS	-	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	3, 13
				503	21301	LS	-	UNCLASSIFIED EXCAVATION, AS PER PLAN	28
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	26000	0	LB	GALVANIZED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				512	33000	0	SY	TYPE 2 WATERPROOFING	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	13901	0	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	3
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				516	14600	0	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: EMSEAL WITH SLEEPER SLAB	28
				516	42600	0	FT	ELASTOMERIC BEARING PAD, MISC.: 1.5" THICK ELASTOMERIC STRIP BEARING	18
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				518	40010	0	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25010	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564
DESIGN AGENCY CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER GDJ 8-18-26
PROJECT ID 96808

SUBSET	TOTAL
4	30

SHEET	TOTAL
P.1491	P.2024

FAI/LIC-IR 70-0.00/0.00

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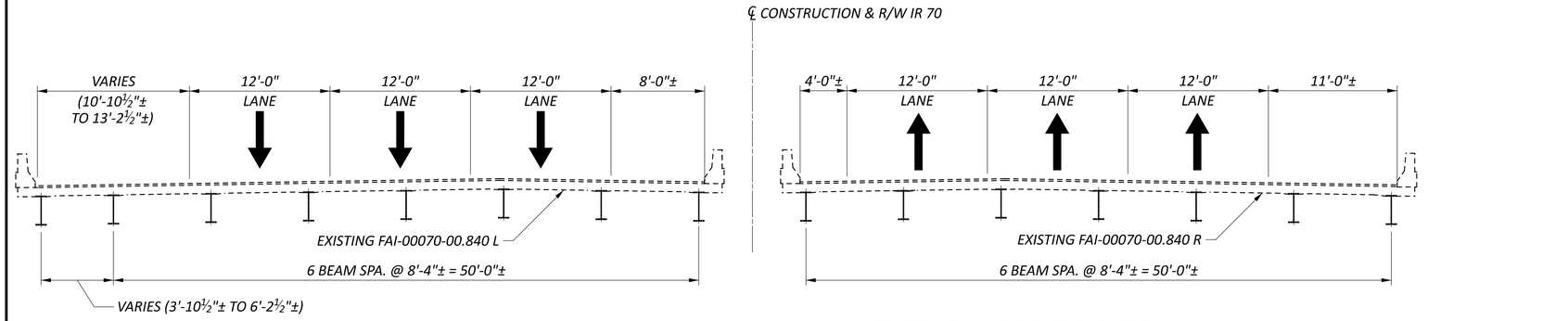
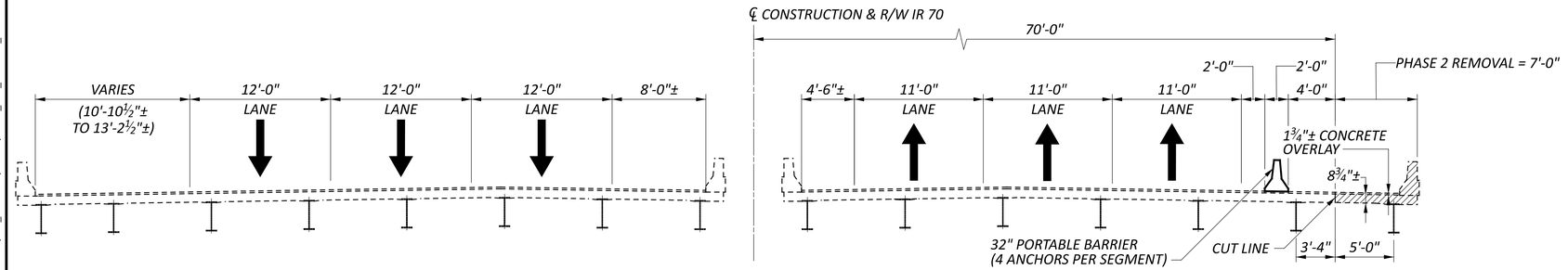
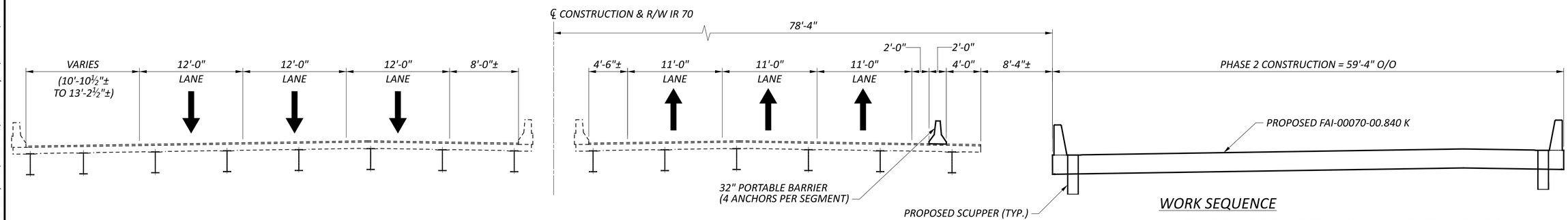


EXISTING LANE CONFIGURATION



PHASE 2 REMOVAL



PHASE 2 CONSTRUCTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN

WORK SEQUENCE

1. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. PROVIDE TEMPORARY SHORING TO ACCOMMODATE THE REMOVAL.
3. CONSTRUCT SUBSTRUCTURE AND APPROACH SLABS.
4. CONSTRUCT SUPERSTUCTURE INCLUDING THE DECK AND PARAPETS.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 8-18-26

PROJECT ID
96808

SUBSET	TOTAL
5	30

SHEET	TOTAL
P.1492	P.2024

FAI/LIC-IR 70-00.00/0.00

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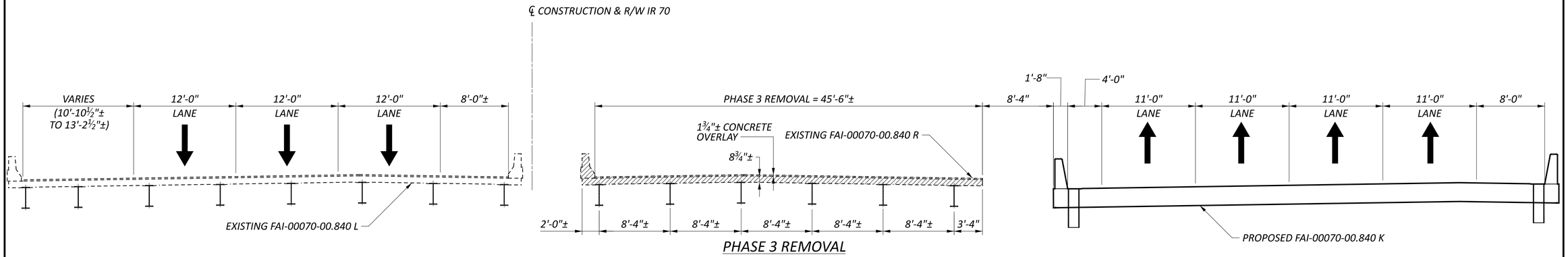
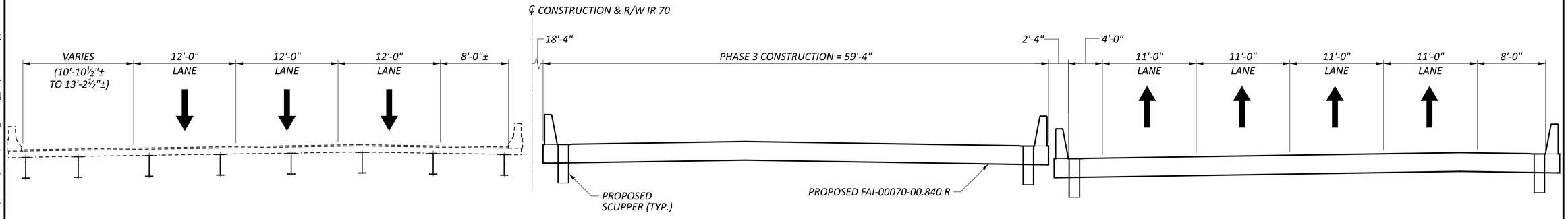


PHASE 3 REMOVAL



PHASE 3 CONSTRUCTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN

WORK SEQUENCE

1. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. REMOVE TEMPORARY SHORING.
2. CONSTRUCT SUBSTRUCTURE AND APPROACH SLABS.
3. CONSTRUCT SUPERSTUCTURE INCLUDING THE DECK AND PARAPETS.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 8-18-26

PROJECT ID
96808

SUBSET	TOTAL
6	30

SHEET	TOTAL
P.1493	P.2024

FAI/LIC-IR 70-0.00/0.00

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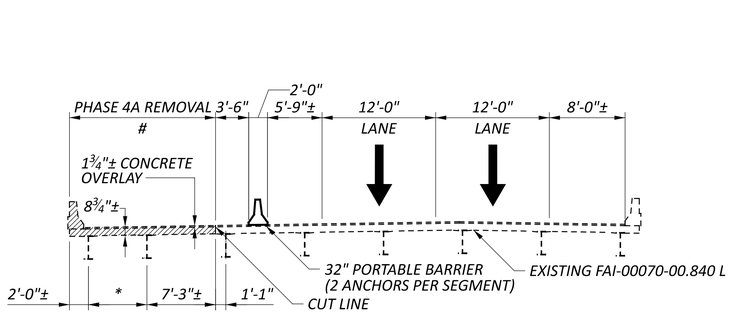
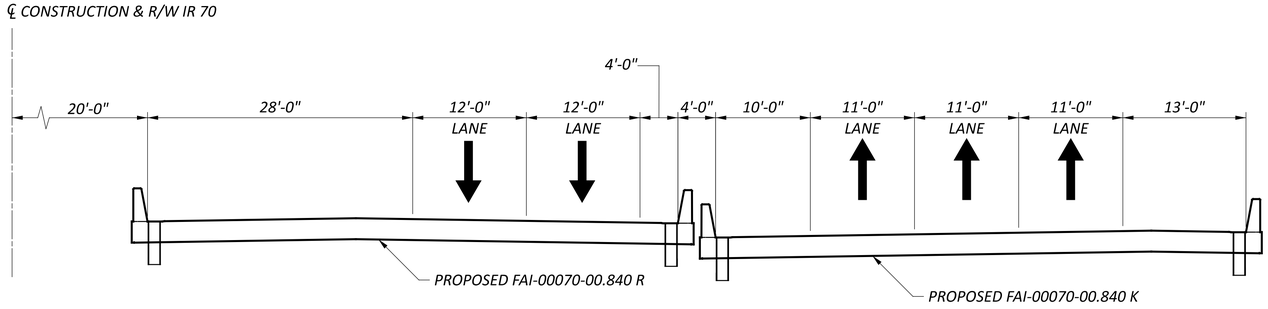
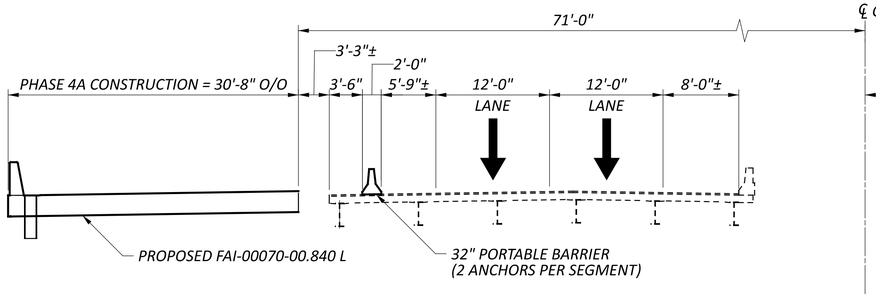
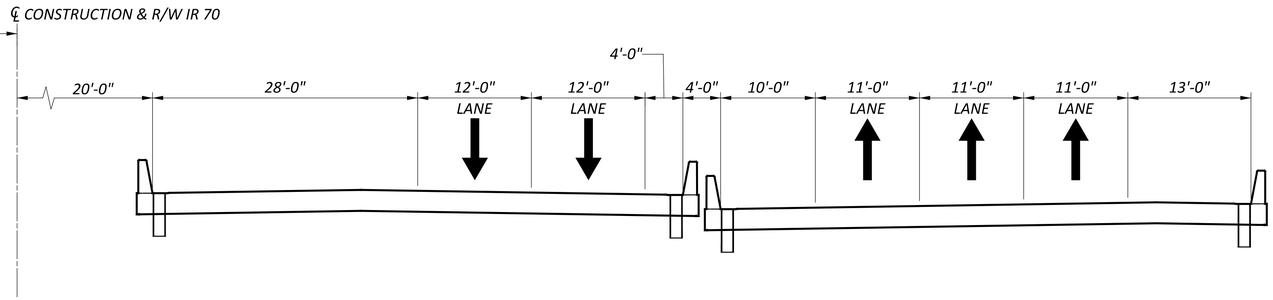


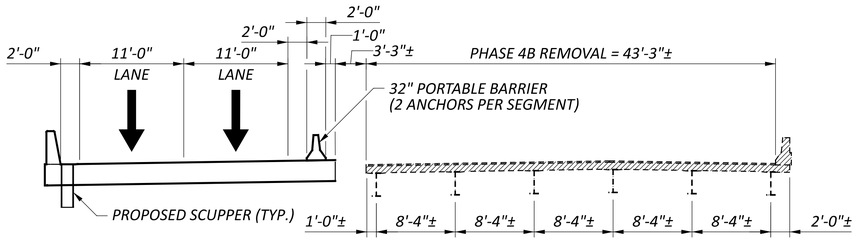


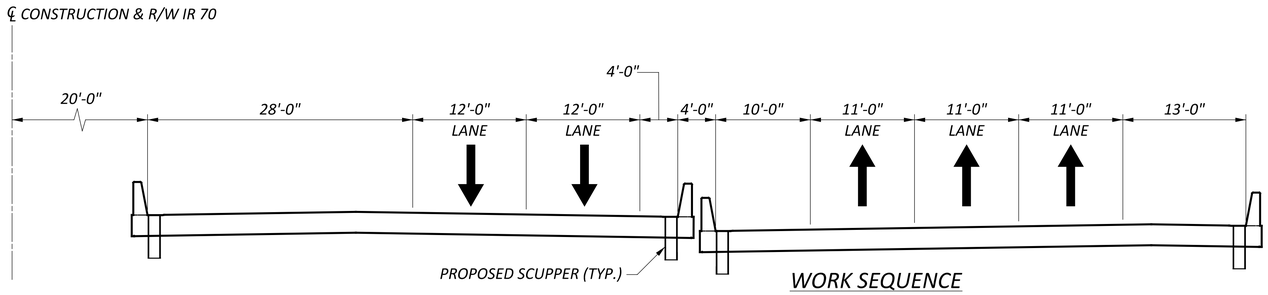
PHASE 4A REMOVAL





PHASE 4A CONSTRUCTION





PHASE 4B REMOVAL

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN

* - VARIES 3'-10½"± TO 6'-2½"±

\# - VARIES 13'-1½" TO 15'-5½"

WORK SEQUENCE

1. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. PROVIDE TEMPORARY SHORING TO ACCOMMODATE THE REMOVAL.
3. CONSTRUCT PORTIONS OF SUBSTRUCTURE AND APPROACH SLABS.
4. CONSTRUCT PORTIONS OF SUPERSTUCTURE INCLUDING THE DECK AND PARAPET.
5. INSTALL THE PORTABLE BARRIER AS SHOWN AND PER STD. DWG. PCB-91 OR RM-4.2.
6. REMOVE PORTIONS OF THE SUPERSTRUCTURE AS WELL AS PORTIONS OF THE EXISTING APPROACH SLABS, ABUTMENTS, AND PIERS. REMOVE TEMPORARY SHORING AND THE PORTABLE BARRIER.

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN VARIES

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 8-18-26

PROJECT ID
96808

SUBSET	TOTAL
7	30

SHEET	TOTAL
P.1494	P.2024

FAI/LIC-IR 70-0.00/0.00

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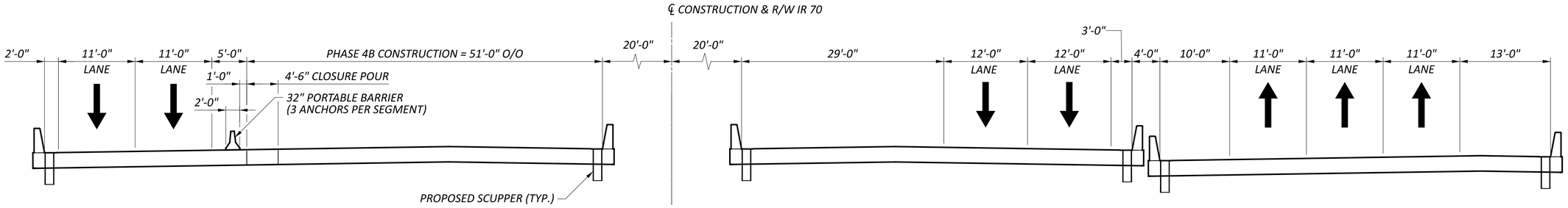
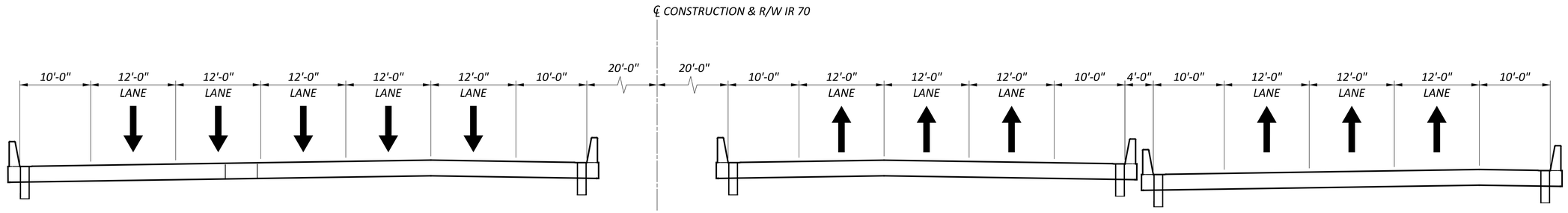


PHASE 4B CONSTRUCTION



FINAL LANE CONFIGURATION

WORK SEQUENCE

1. *CONSTRUCT PORTIONS OF SUBSTRUCTURE AND APPROACH SLABS.*
2. *CONSTRUCT PORTIONS OF SUPERSTRUCTURE INCLUDING DECK AND PARAPETS.*
3. *REMOVE THE PORTABLE BARRIER AND OPEN COMPLETED BRIDGE TO TRAFFIC. PERFORM MISCELLANEOUS TASKS SUCH AS SEALING CONCRETE SURFACES.*

MAINTENANCE OF TRAFFIC AND REMOVAL
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN
VARIES

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	BWR

REVIEWER
GDJ 8-18-26

PROJECT ID
96808

SUBSET	TOTAL
8	30

SHEET	TOTAL
P.1495	P.2024

FAI/LIC-IR 70-0.00/0.00

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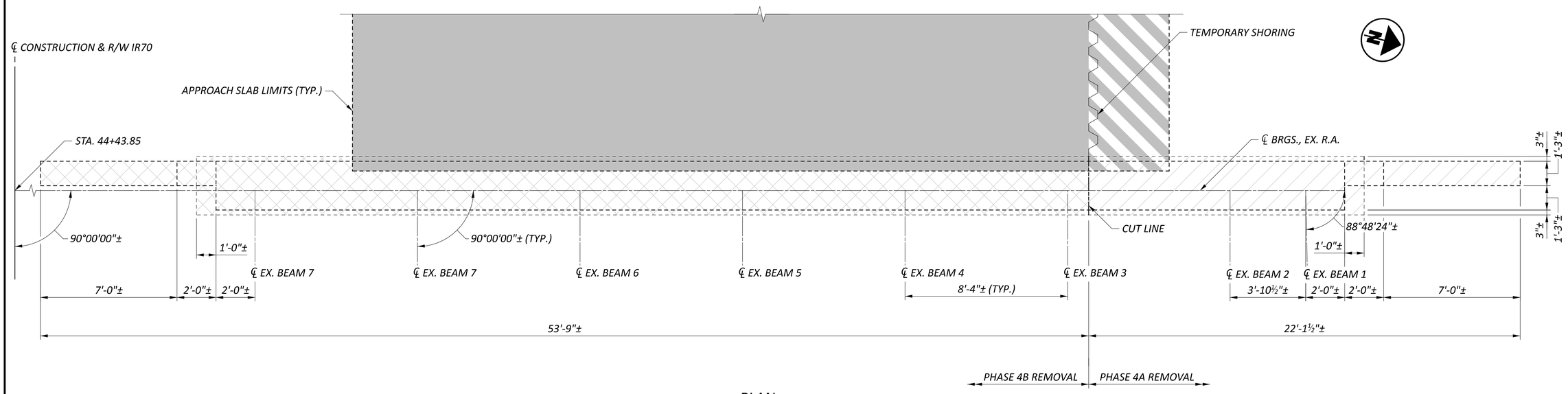
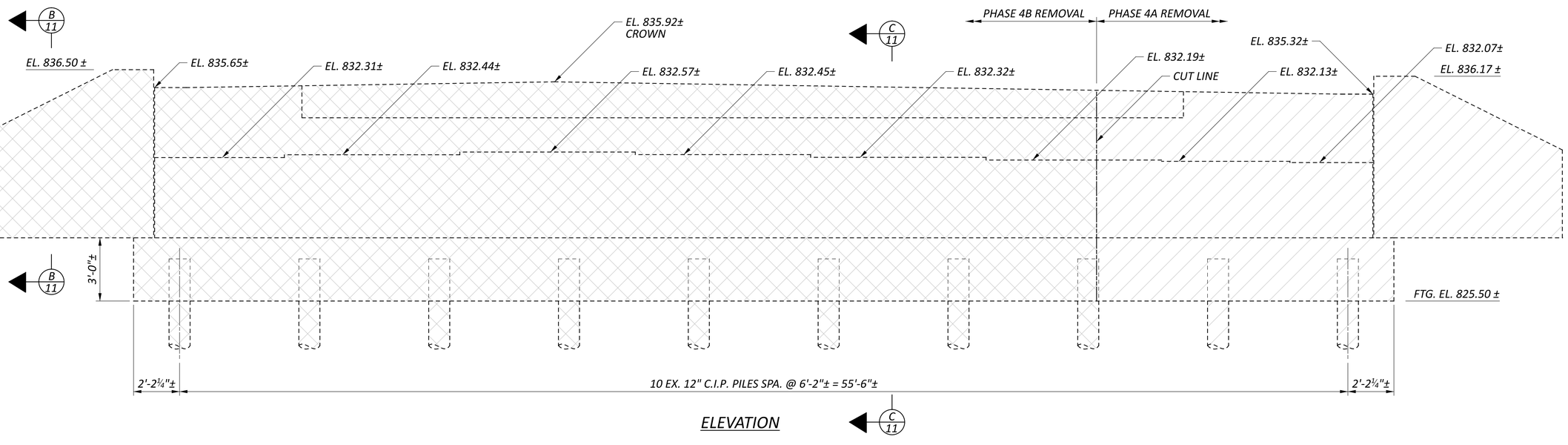


PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B
- APPROACH SLAB REMOVED - PHASE 4A
- APPROACH SLAB REMOVED - PHASE 4B

NOTES

1. REFER TO SHEET 13/30 FOR TEMPORARY SHORING DETAILS.
2. REMOVE PILES TO A MINIMUM OF 1'-0" BELOW BLACKLICK TRAIL PAVEMENT.

REAR ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
9	30

SHEET	TOTAL
P.1496	P.2024

FAI/LIC-IR 70-0.00/0.00

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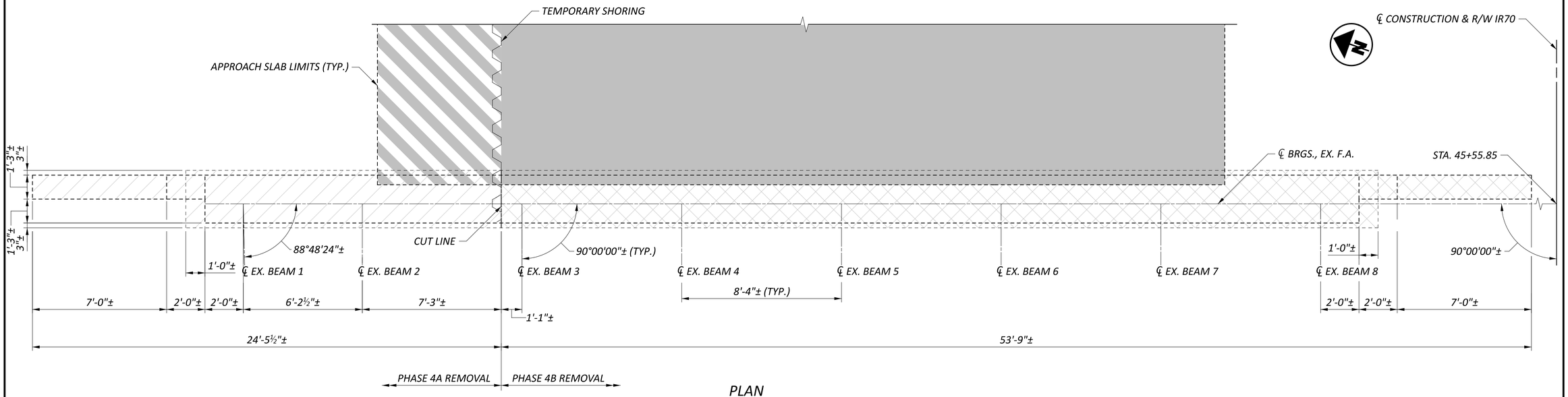

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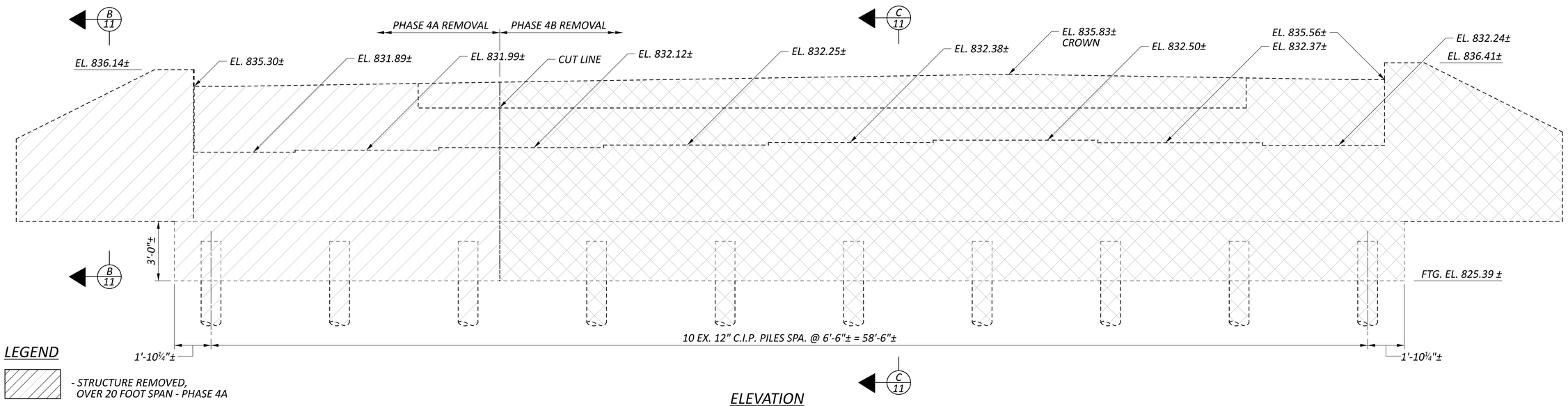

ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B
- APPROACH SLAB REMOVED - PHASE 4A
- APPROACH SLAB REMOVED - PHASE 4B

NOTES

1. REFER TO SHEET 13/30 FOR TEMPORARY SHORING DETAILS.
2. REMOVE PILES TO A MINIMUM OF 1'-0" BELOW PROPOSED GROUND SURFACE.

FORWARD ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

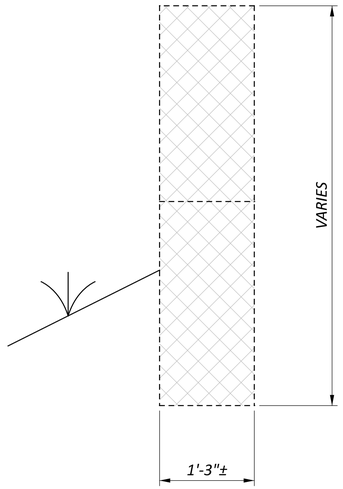
DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

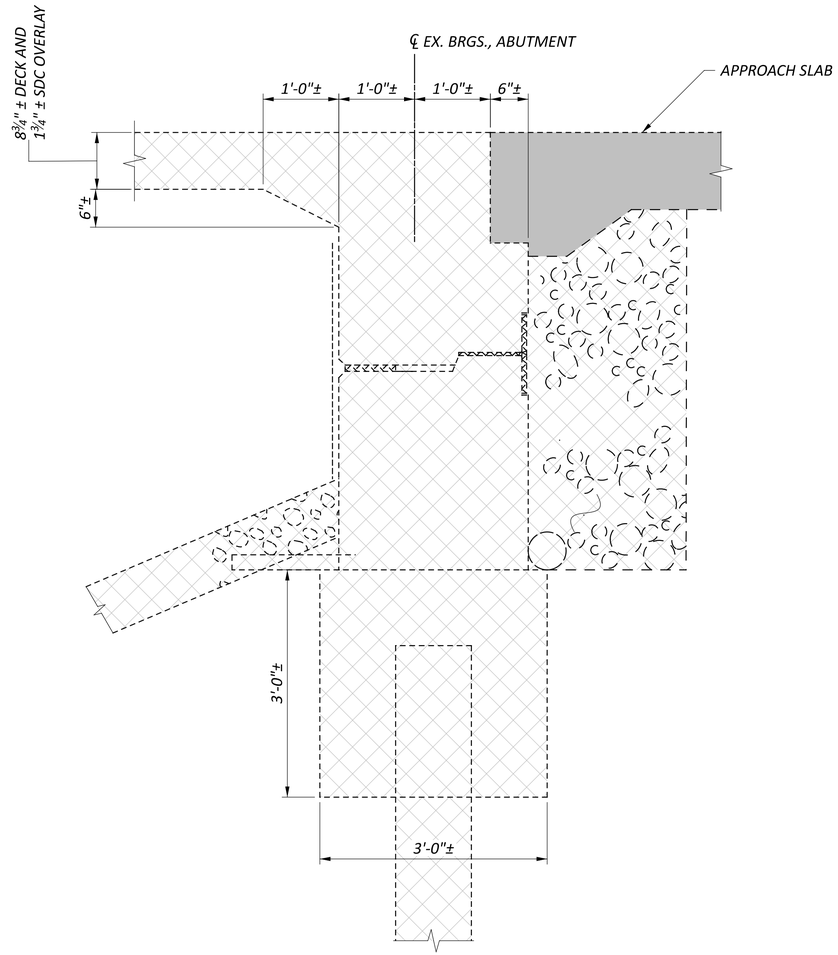
PROJECT ID: 96808

SUBSET	TOTAL
10	30

SHEET	TOTAL
P.1497	P.2024



B/9 B/10 SECTION



C/9 C/10 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN
- APPROACH SLAB REMOVED

FAI/LIC-IR 70-0.00/0.00

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ABUTMENT REMOVAL SECTIONS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

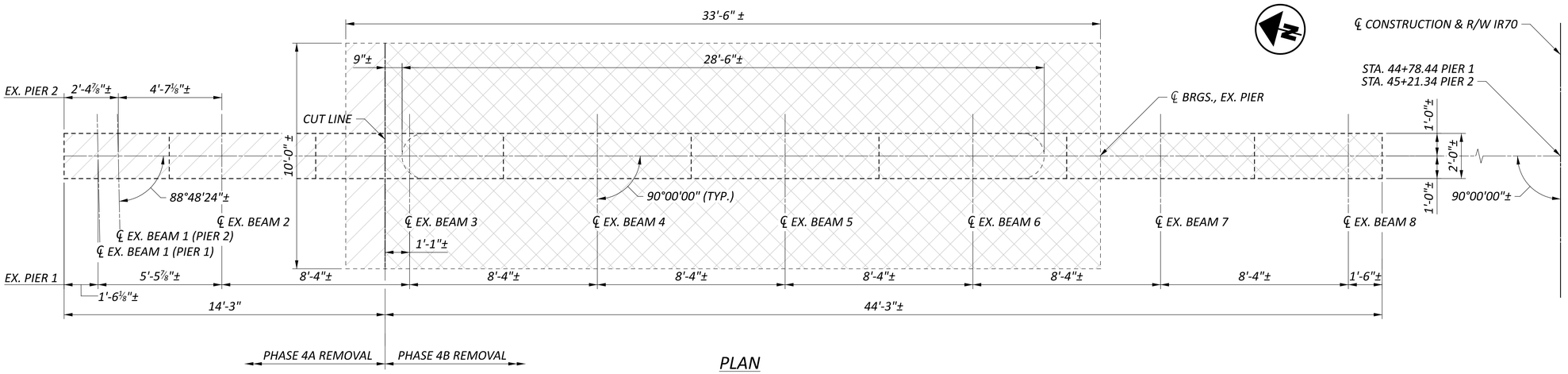
DESIGNER	CHECKER
SMH	AMR

REVIEWER GDJ 8-18-26

PROJECT ID 96808

SUBSET	TOTAL
11	30

SHEET	TOTAL
P.1498	P.2024



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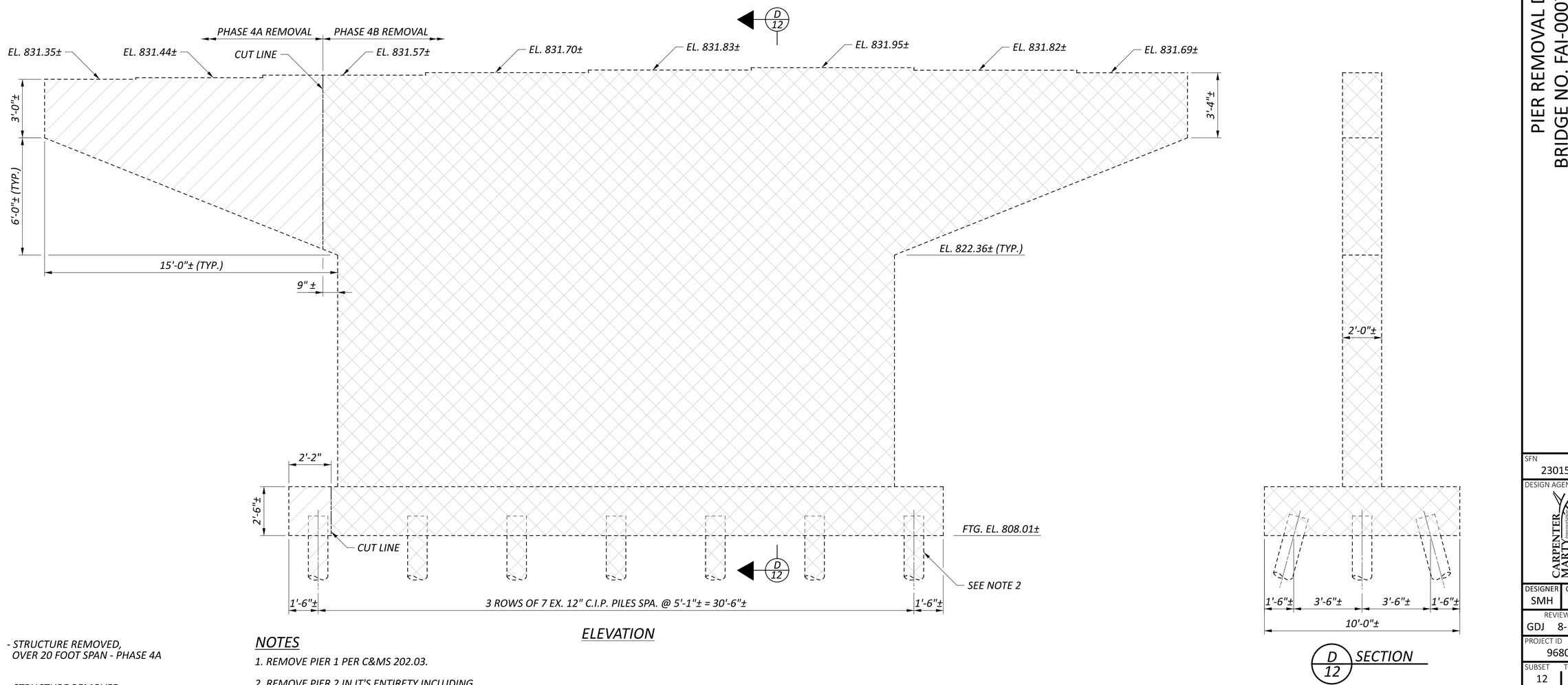

ELEVATION

D/12 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4A
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 4B

NOTES

1. REMOVE PIER 1 PER C&MS 202.03.
2. REMOVE PIER 2 IN IT'S ENTIRETY INCLUDING PILES TO ELEVATION 807.50.

PIER REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
12	30

SHEET	TOTAL
P.1499	P.2024

FAI/LIC-IR 70-0.00/0.00

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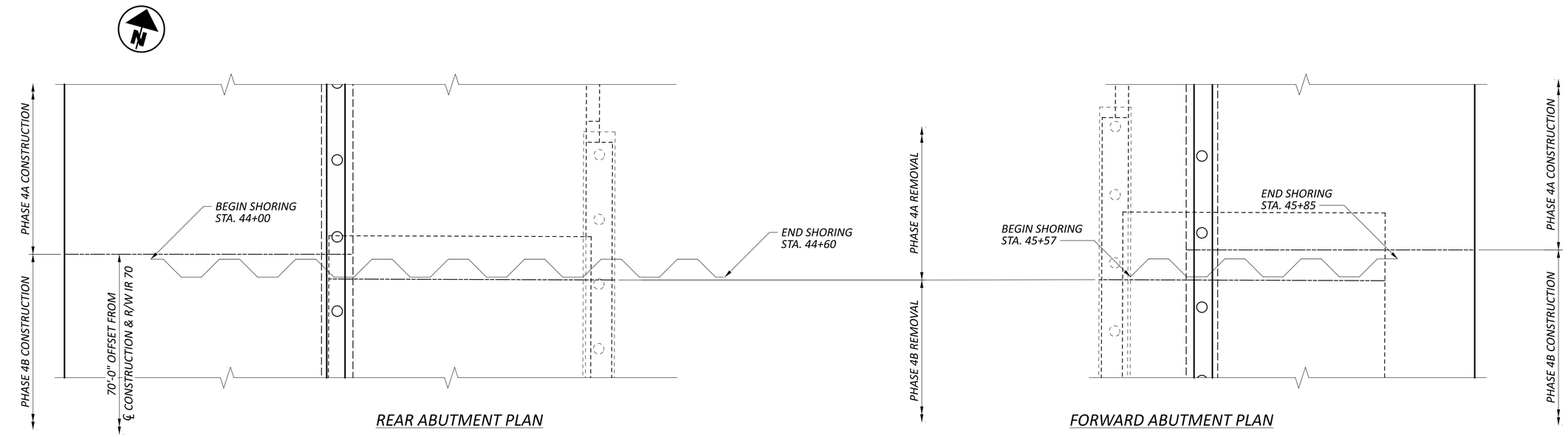
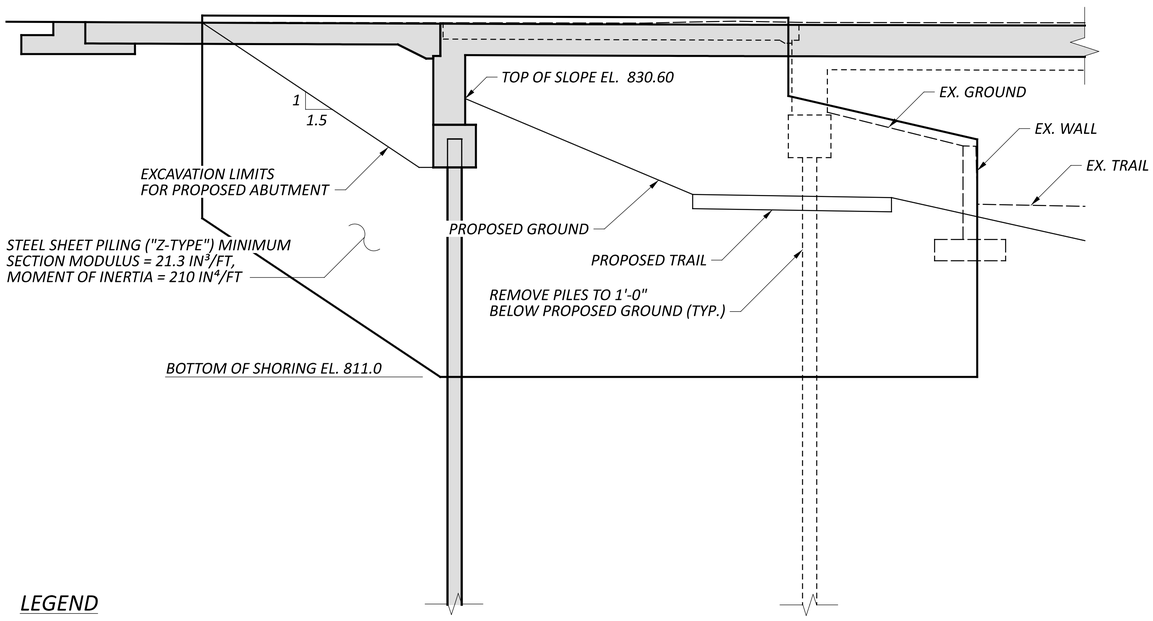
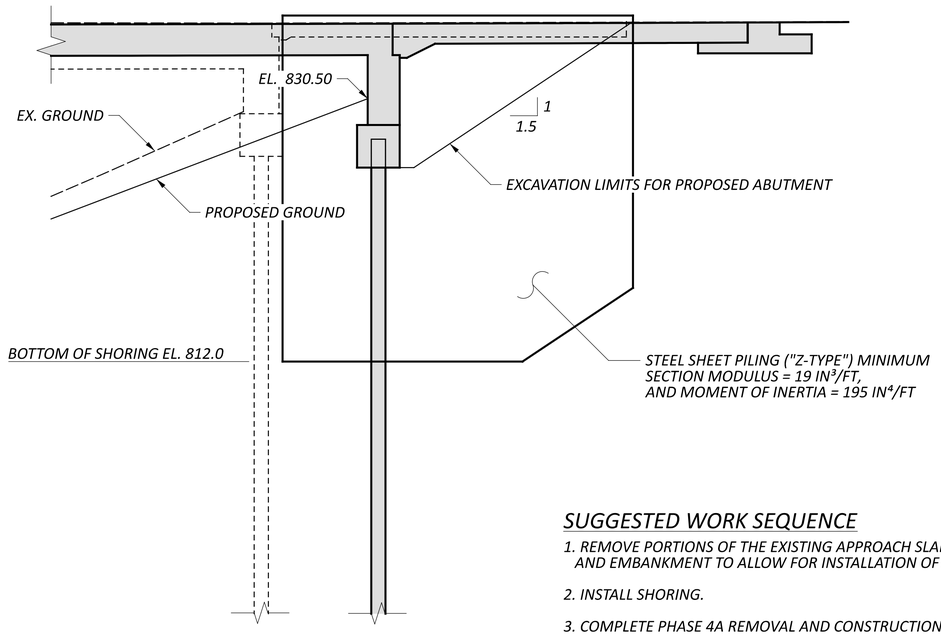


REAR ABUTMENT PLAN

FORWARD ABUTMENT PLAN



REAR ABUTMENT ELEVATION



FORWARD ABUTMENT ELEVATION

LEGEND

PROPOSED BRIDGE

NOTE

TOP OF SHORING SHALL BE A MINIMUM OF 6" ABOVE PROPOSED GROUND LINE.

SUGGESTED WORK SEQUENCE

1. REMOVE PORTIONS OF THE EXISTING APPROACH SLABS, PAVEMENT, AND EMBANKMENT TO ALLOW FOR INSTALLATION OF SHEETING.
2. INSTALL SHORING.
3. COMPLETE PHASE 4A REMOVAL AND CONSTRUCTION.
4. REMOVE EXCESS SHORING AS REQUIRED TO FACILITATE PHASE 4B CONSTRUCTION.
5. REMOVE REMAINING PORTIONS OF EXISTING BRIDGE.
6. COMPLETE PHASE 4B CONSTRUCTION AND FINAL GRADING.

TEMPORARY SHORING DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	AMR
CHECKER	SMH
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	13
TOTAL	30
SHEET	P.1500
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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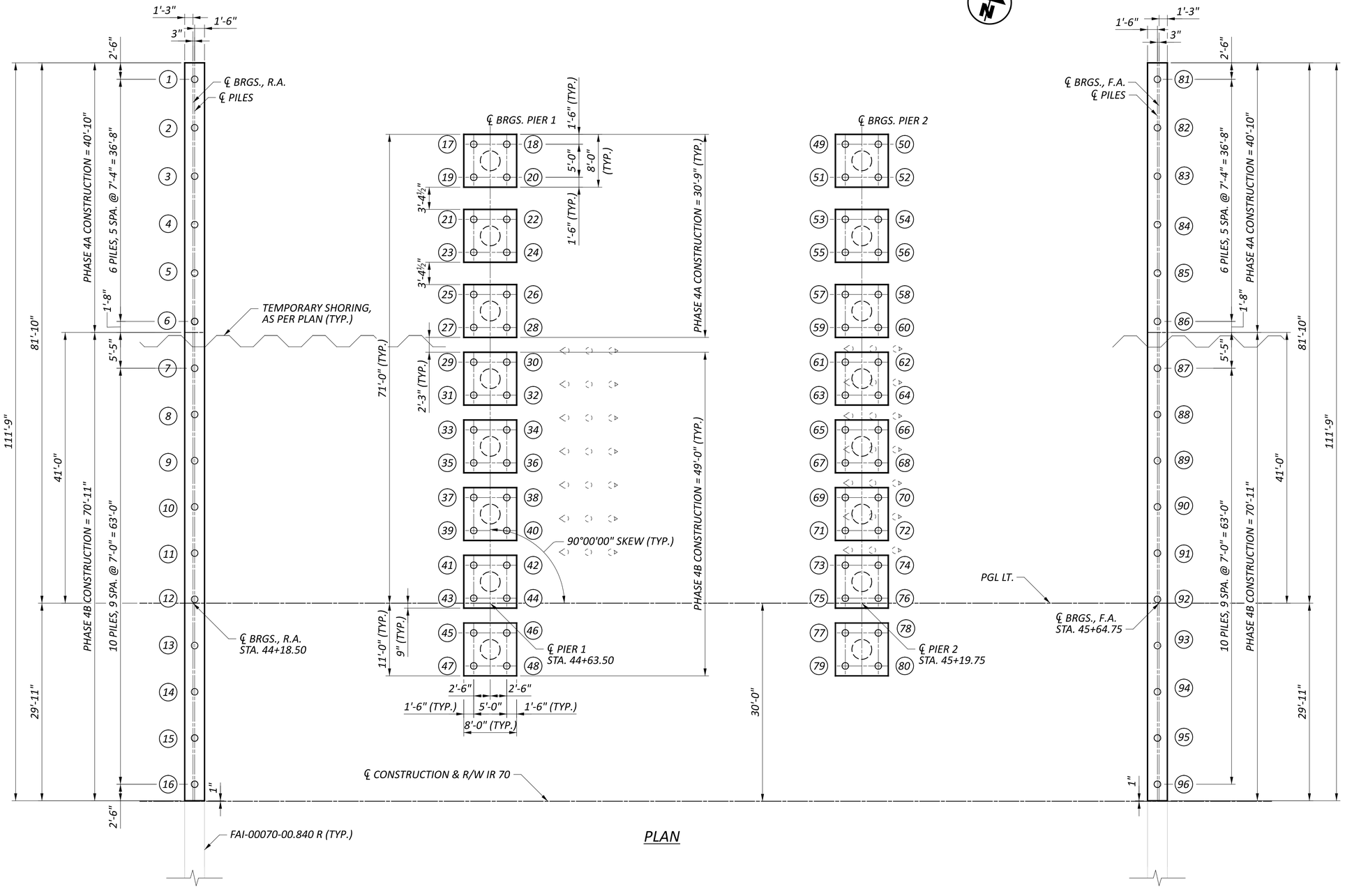

PLAN

LEGEND

(#) PROPOSED PILE IDENTIFICATION NUMBER

○ PROPOSED 12" C.I.P. REINFORCED CONCRETE PILE

◌ EXISTING 12" C.I.P. REINFORCED CONCRETE PIER PILE

◌▷ EXISTING 12" C.I.P. REINFORCED CONCRETE PIER PILE (BATTERED 1:4)

NOTE

EXISTING PIER 2 PILES TO BE REMOVED TO EL. 807.50

FOUNDATION PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301564

DESIGN AGENCY CARPENTER MARTY engineering

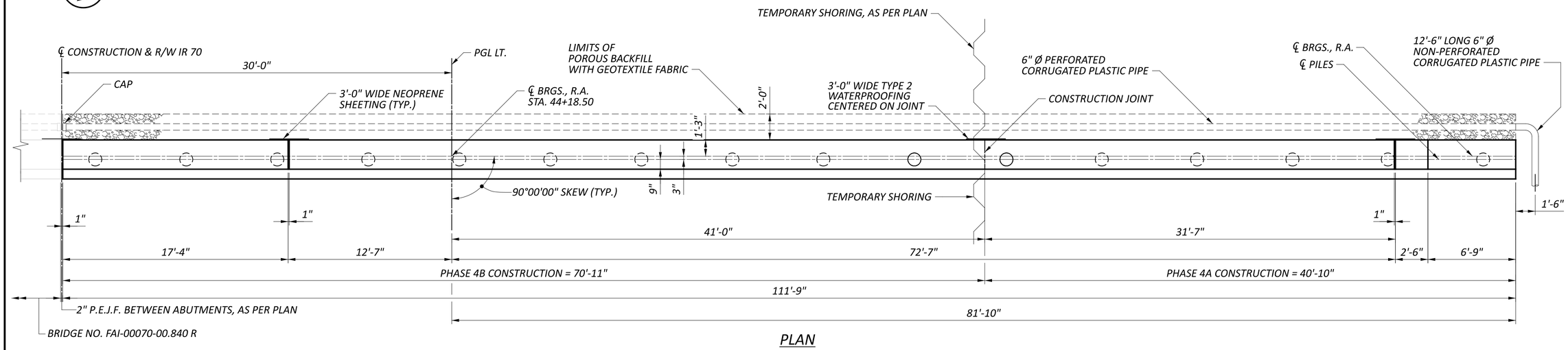
DESIGNER	CHECKER
SMH	AMR

REVIEWER GDJ 8-18-26

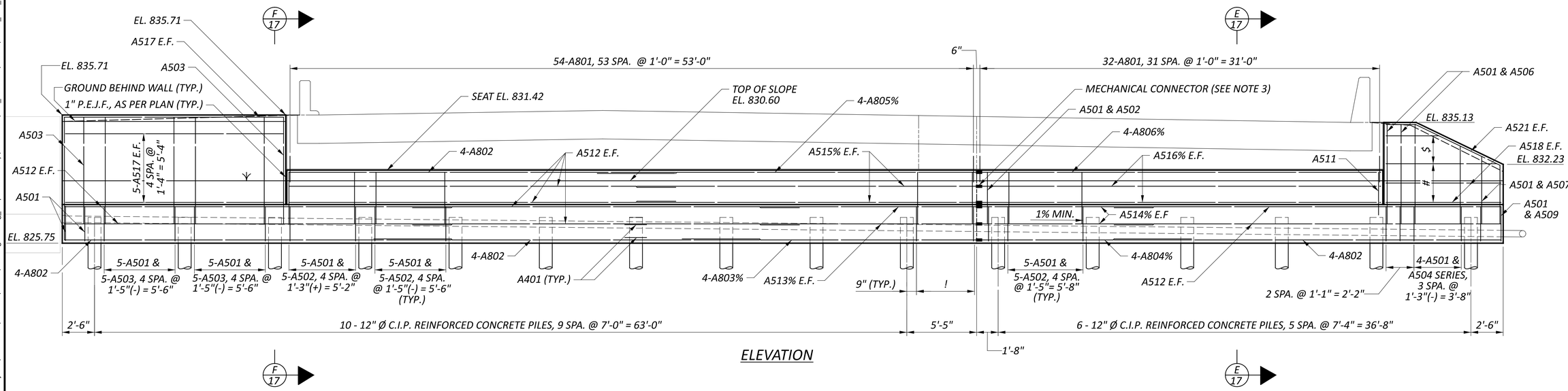
PROJECT ID 96808

SUBSET	TOTAL
14	30

SHEET	TOTAL
P.1501	P.2024



PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 23/30 FOR DIAPHRAGM DETAILS.
3. MECHANICAL CONNECTORS SHALL BE DAYTON SUPERIOR D250L BAR LOCK L-SERIES OR ENGINEER APPROVED EQUIVALENT. THE COUPLER SHALL BE EPOXY COATED.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 43 INCHES
   #8 BAR = 87 INCHES
5. REFER TO SHEET 14/30 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

- 2 SPA. @ 1'-6" = 3'-0"

$ - A519 SERIES E.F., 2 SPA. @ 1'-1" = 2'-2"

! - 4-A501 & 4-A502, 3 SPA. @ 1'-6" = 4'-6"

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER GDJ 8-18-26

PROJECT ID 96808

SUBSET	TOTAL
15	30

SHEET	TOTAL
P.1502	P.2024

FAI/LIC-IR 70-0.00/0.00

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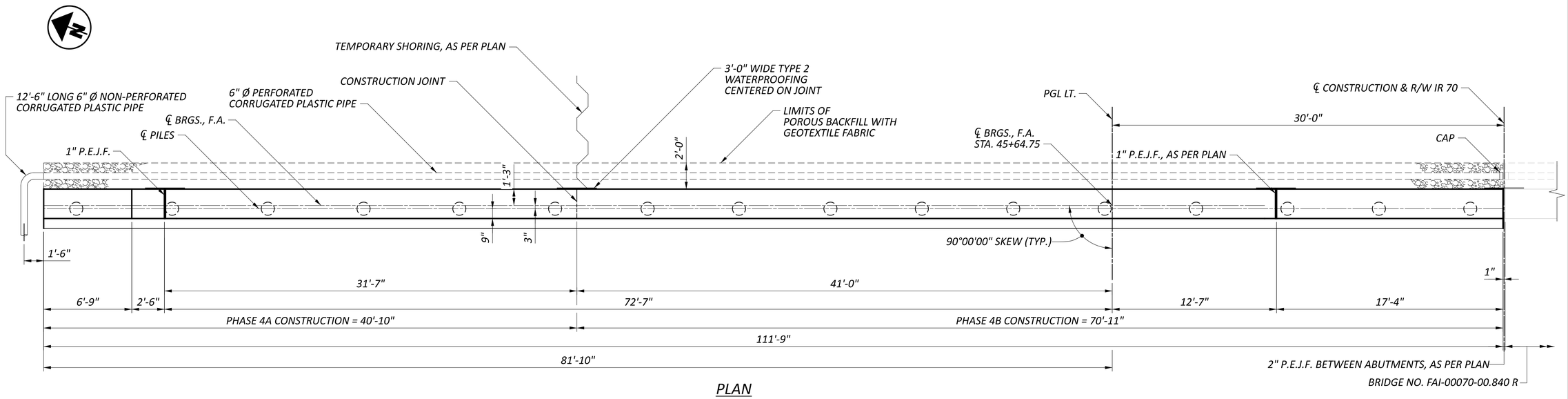

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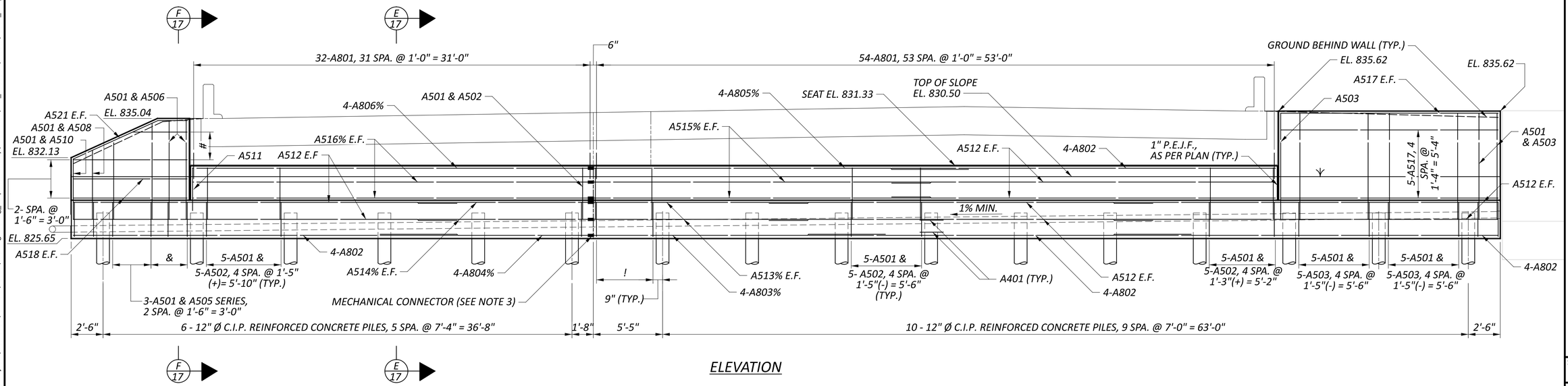

ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 24/30 FOR DIAPHRAGM DETAILS.
3. MECHANICAL CONNECTORS SHALL BE DAYTON SUPERIOR D250L BAR LOCK L-SERIES OR ENGINEER APPROVED EQUIVALENT. THE COUPLER SHALL BE EPOXY COATED.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 43 INCHES
   #8 BAR = 87 INCHES
5. REFER TO SHEET 14/30 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

- A520 SERIES E.F., 2 SPA. @ 1'-1" = 2'-2"

& - 2 SPA. @ 1'-5" = 2'-10"

! - 4-A501 & A502, 3 SPA. @ 1'-6" = 4'-6"

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	16
TOTAL	30
SHEET	P.1503
TOTAL	P.2024

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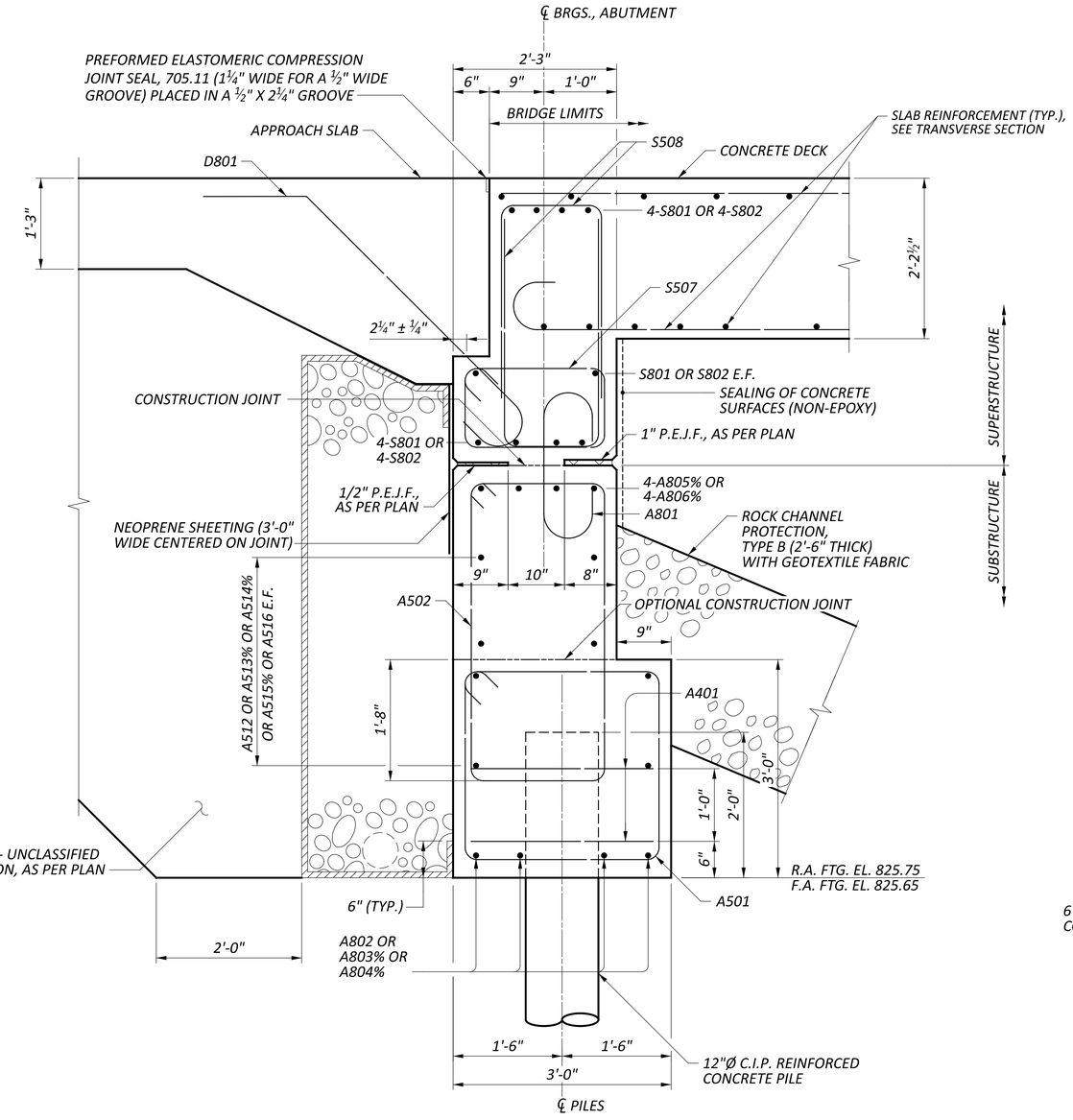
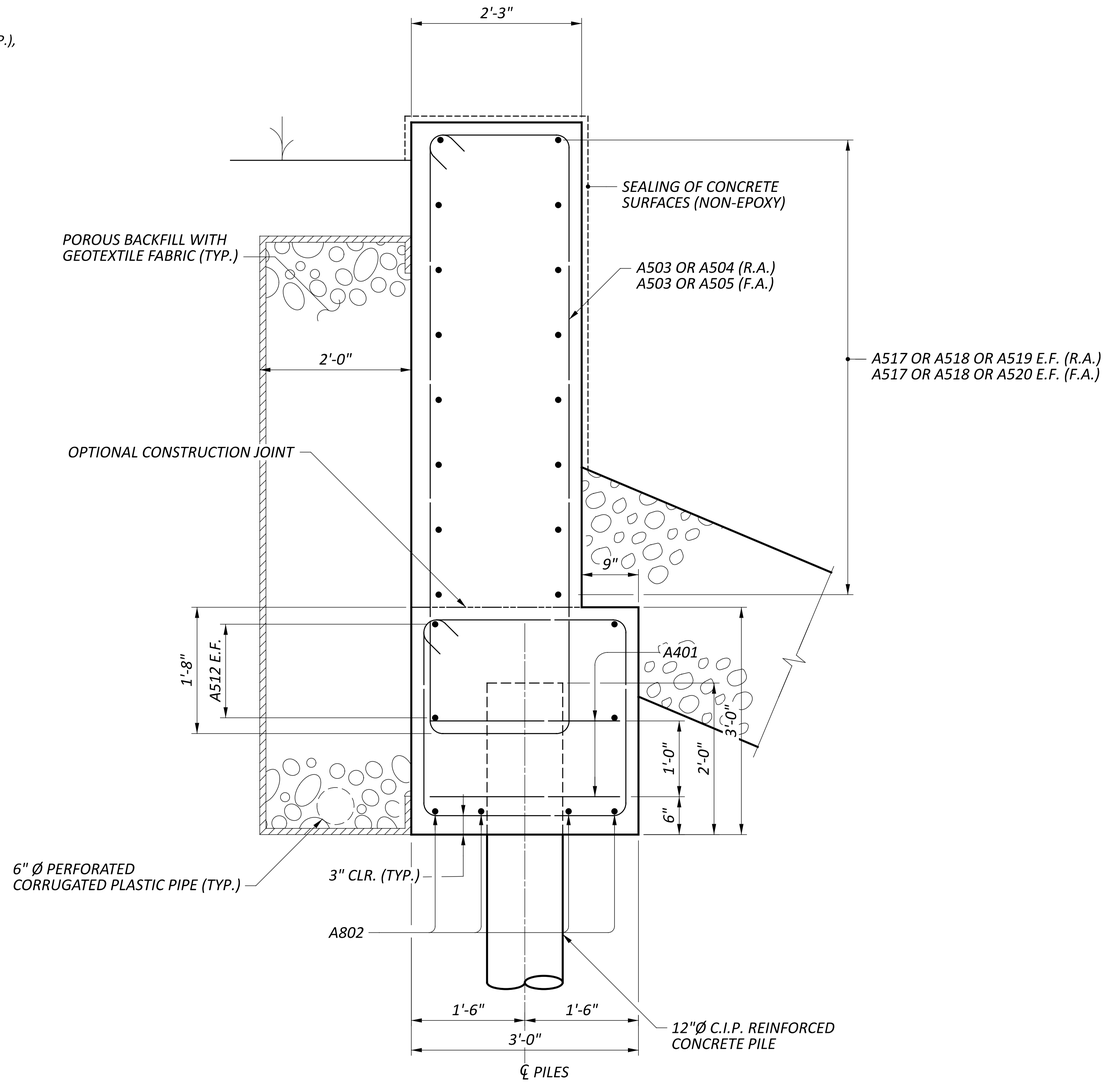


E 15 E 16 E 23 E 24 SECTION



F 15 F 16 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEETS 19/30 TO 21/30 FOR SLAB DETAILS AND SHEETS 23/30 TO 24/30 FOR DIAPHRAGM DETAILS.

LEGEND

E.F. - EACH FACE

ABUTMENT SECTION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY: CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
17	30

SHEET	TOTAL
P.1504	P.2024

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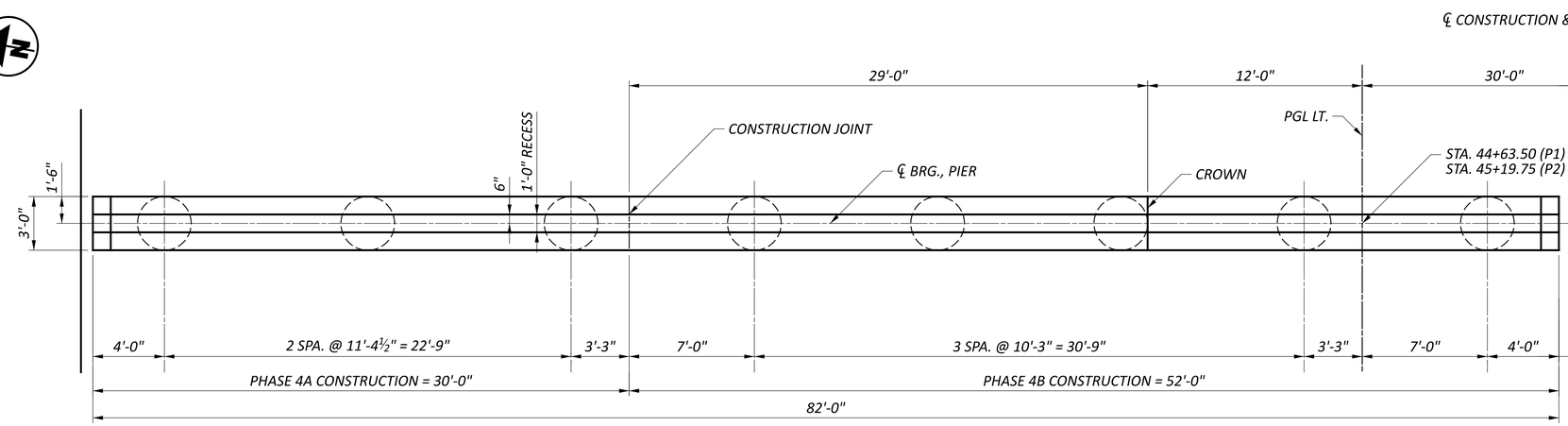
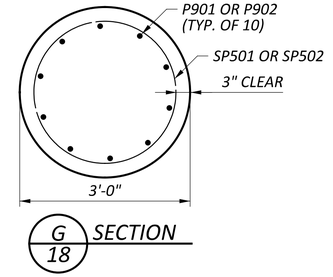


PLAN



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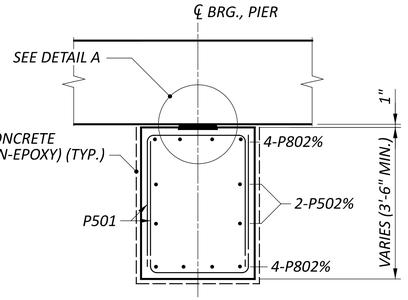

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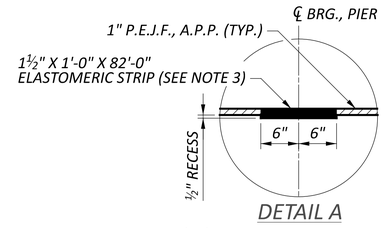
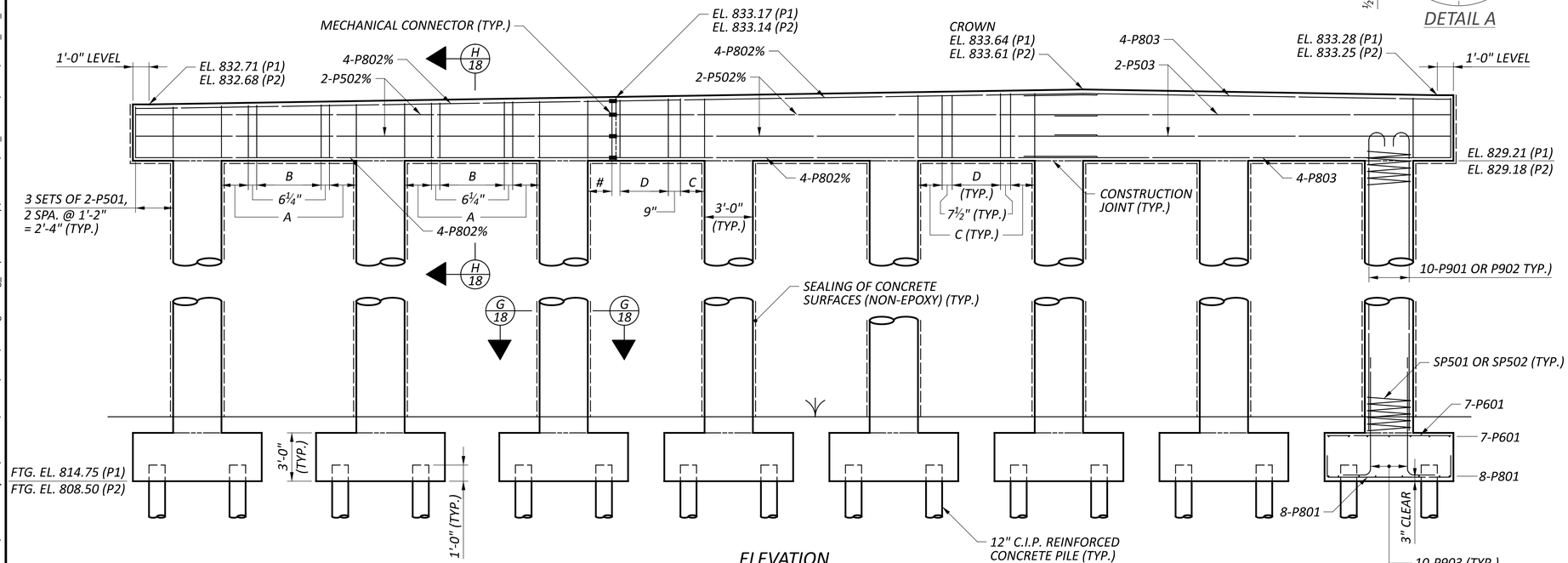
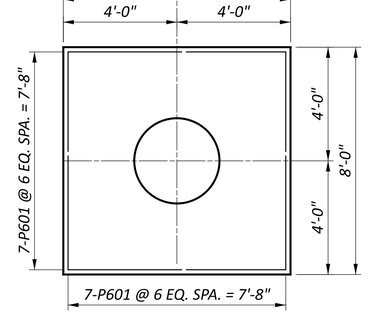


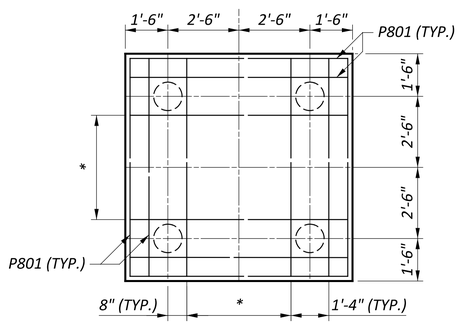
DETAIL A



ELEVATION



FOOTING PLAN
TOP REINFORCING (TYP. ALL FOOTINGS)



FOOTING PLAN
BOTTOM REINFORCING (TYP. ALL FOOTINGS)

NOTES

1. COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED 1½ TURNS INTO THE PIER CAP.
2. CAP ELEVATIONS SHOWN DO NOT ACCOUNT FOR THE ½" BEARING RECESS.
3. ELASTOMERIC STRIP: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE STRIP WAS DESIGNED IN ACCORDANCE WITH SECTION 14.6 OF THE AASHTO LRFD BRIDGE SPECIFICATIONS.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 31 INCHES
   #8 BAR = 54 INCHES

LEGEND

* - 4-P801, 3 SPA. @ 1'-3"(-) = 3'-8"

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

- 3 SETS OF 2-P501, 2 SPA. @ 9½" = 1'-7"

A - 5 SETS OF 2-P501, 4 SPA. @ 5" = 1'-8"

B - 5 SETS OF 2-P501, 4 SPA. @ 1'-0" = 4'-0"

C - 4 SETS OF 2-P501, 3 SPA. @ 6" = 1'-6"

D - 4 SETS OF 2-P501, 3 SPA. @ 1'-0" = 3'-0"

PIER DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY: CARPENTER MARTY Transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
18	30

SHEET	TOTAL
P.1505	P.2024

FAI/LIC-IR 70-0.00/0.00

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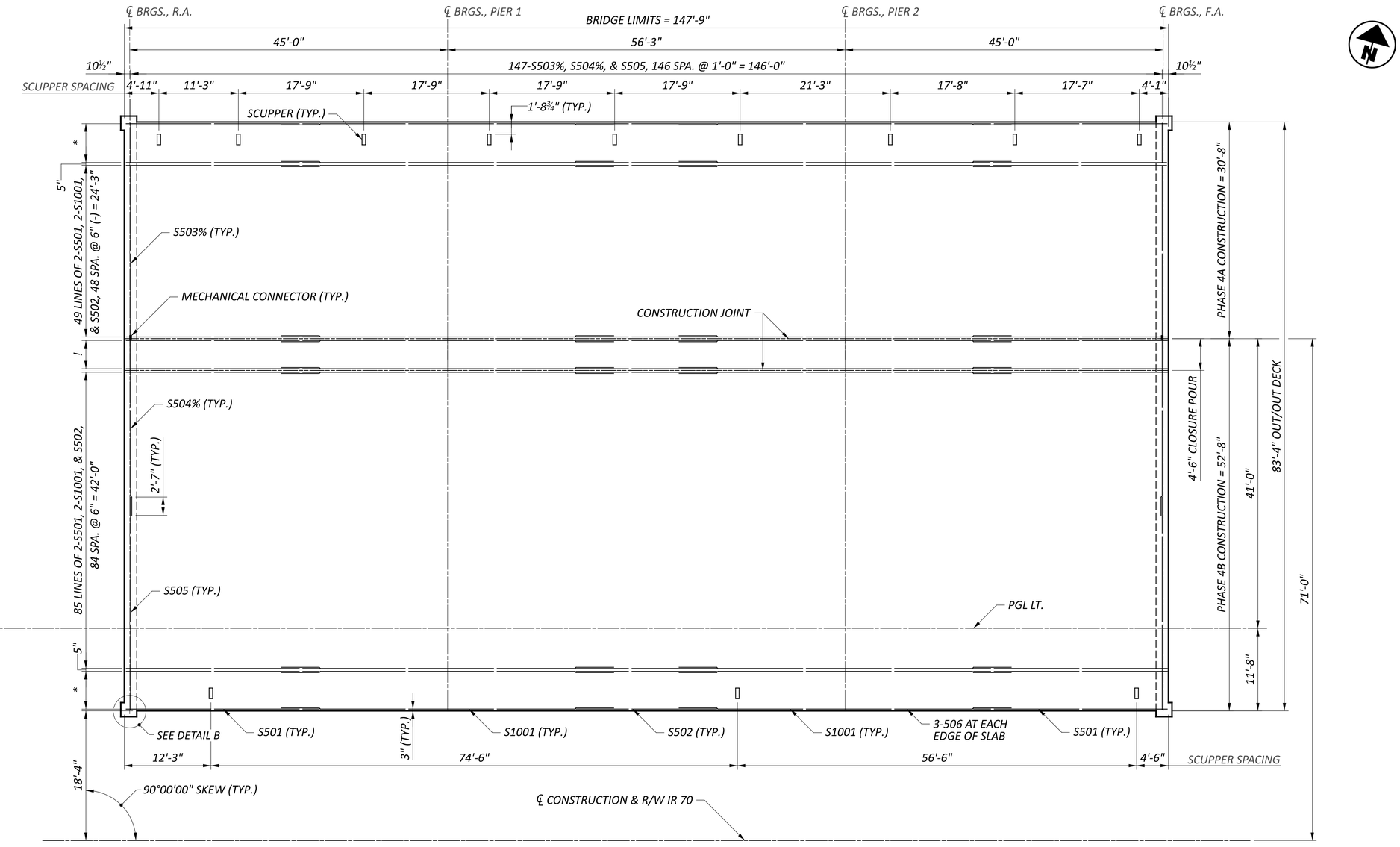
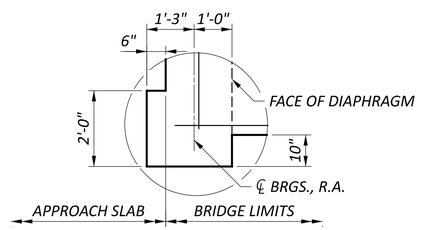
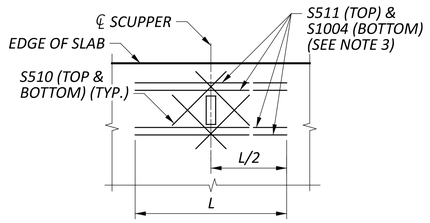


PLAN (TOP REINFORCING)



DETAIL B
OTHER CORNERS SIMILAR



TYPICAL SCUPPER ADDITIONAL DECK REINFORCEMENT DETAIL
MAIN SLAB REINFORCEMENT NOT SHOWN

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S401 BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S601 BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. REINFORCEMENT SHALL BE BUNDLED WITH ADJACENT LONGITUDINAL REINFORCEMENT.
4. TRIM REINFORCING STEEL AT SCUPPERS AS NEEDED TO MAINTAIN CLEARANCE.

LEGEND

* - 15 LINES OF 2-S501, 2-S1001 & S502 14 SPA. @ 5"(-) = 5'-6"

! - 9 LINES OF 2-S501, 2-S1001, & S502, 8 SPA. @ 6" = 4'-0"

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

SLAB TOP REINFORCEMET PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	19
TOTAL	30
SHEET	P.1506
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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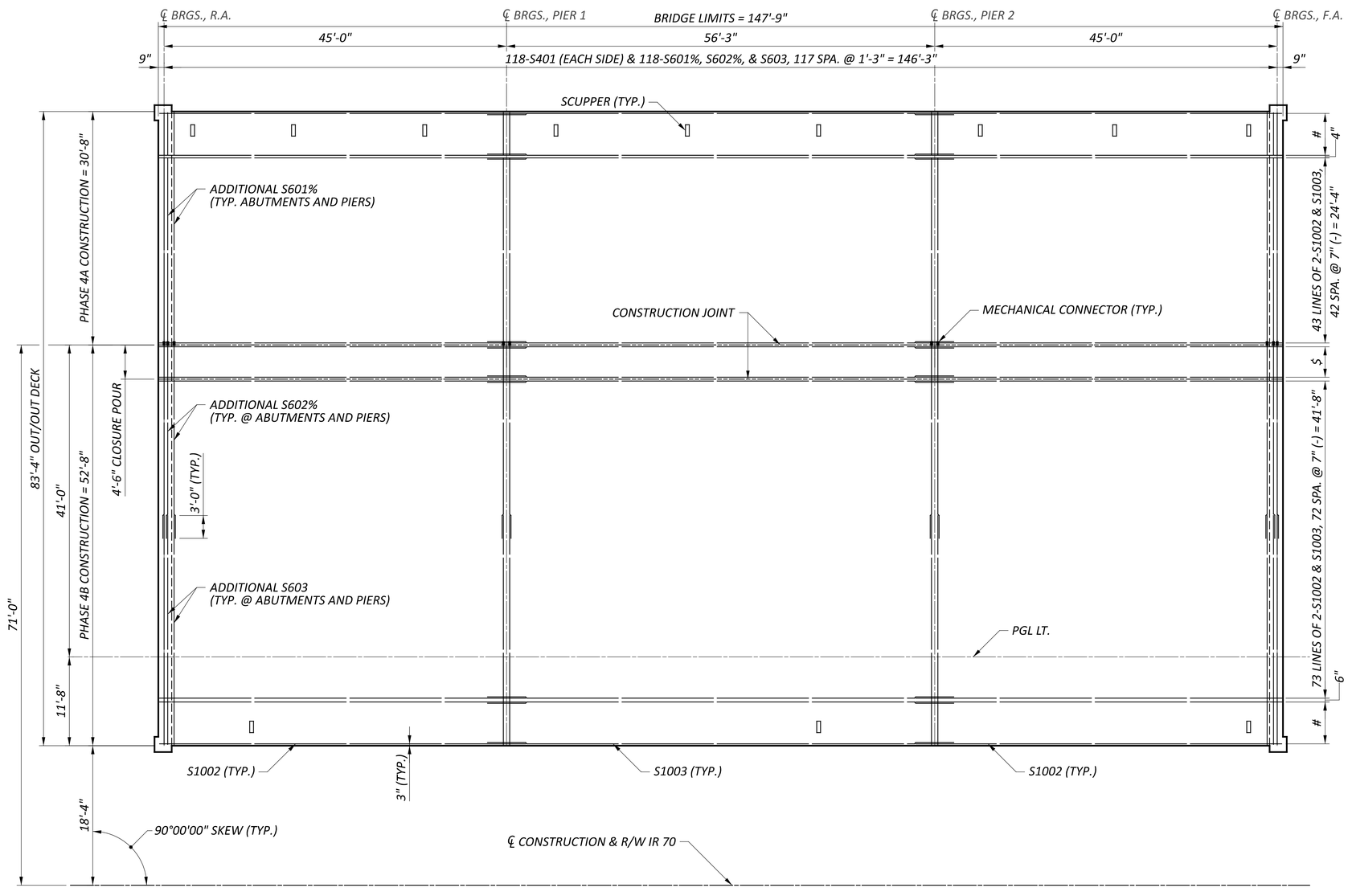

PLAN (BOTTOM REINFORCING)

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S401 BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S601 BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. TRIM REINFORCING STEEL AT SCUPPERS AS NEEDED TO MAINTAIN CLEARANCE.

LEGEND

- 12-LINES OF 2-S1002 & S1003, 11 SPA. @ 6" = 5'-6"

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

$ - 8-LINES OF 2-1002 & S1003, 7 SPA. @ 7" = 4'-1"

SLAB BOTTOM REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	20
TOTAL	30
SHEET	P.1507
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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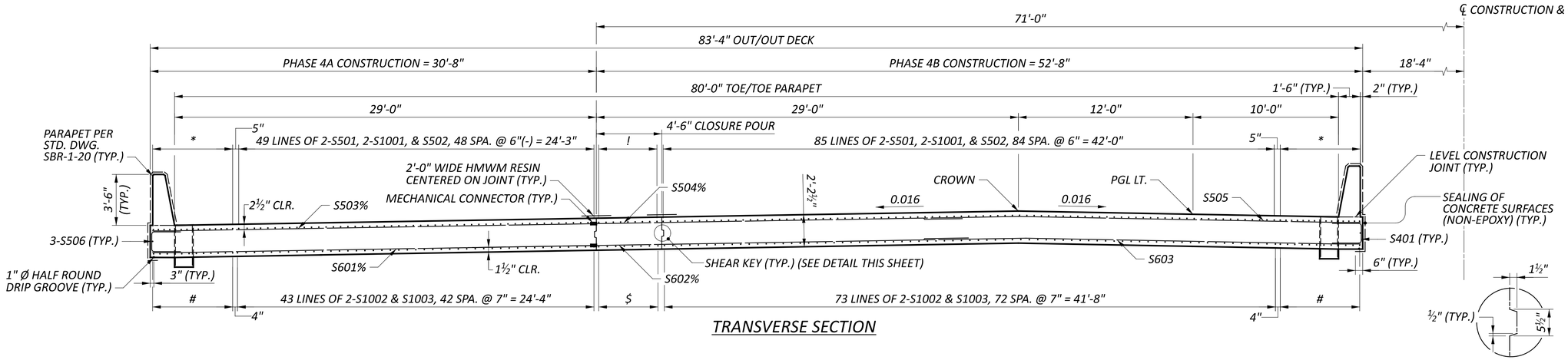
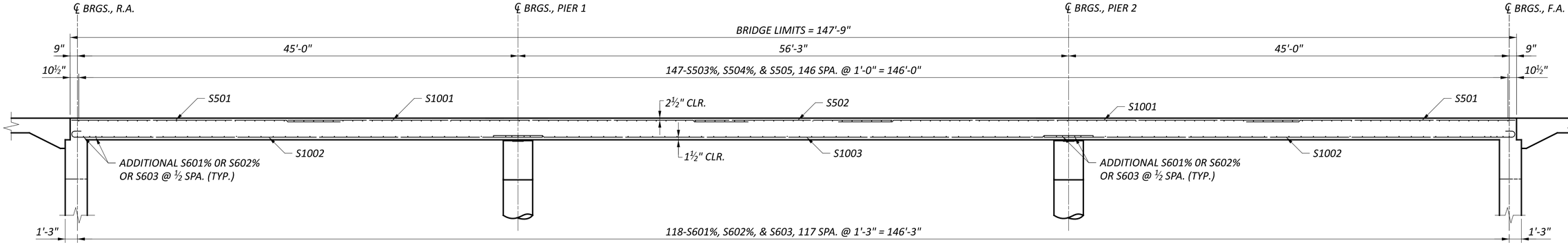


TRANSVERSE SECTION

SHEAR KEY DETAIL



SLAB ELEVATION

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. PAYMENT FOR 2'-0" WIDE RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

LEGEND

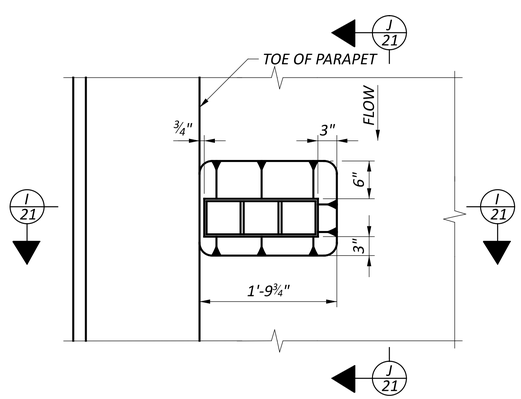
* - 15 LINES OF 2-S501, 2-S1001 & S502, 14 SPA. @ 5"(-) = 5'-6"

\# - 12 LINES OF 2-S1002& S1003, 11 SPA. @ 6" = 5'-6"

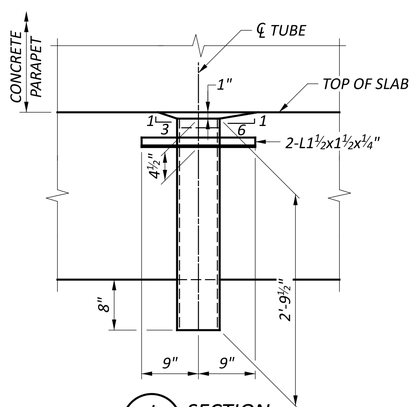
! - 9 LINES OF 2-S501, 2-S1001 & S502, 8 SPA. @ 6" = 4'-0"

$ - 8 LINES OF 2-S1002 & S1003, 7 SPA. @ 7" = 4'-1"

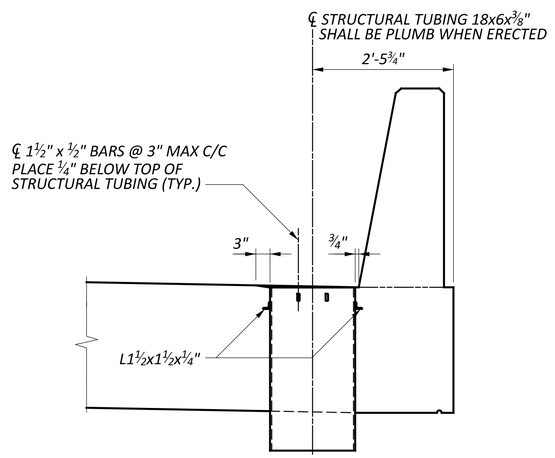
% - BAR TO UTILIZE A MECHANICAL CONNECTOR



SCUPPER PLAN



I 21 SECTION



J 21 SECTION

TRANSVERSE SECTION AND SLAB ELEVATION
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	21
TOTAL	30
SHEET	P.1508
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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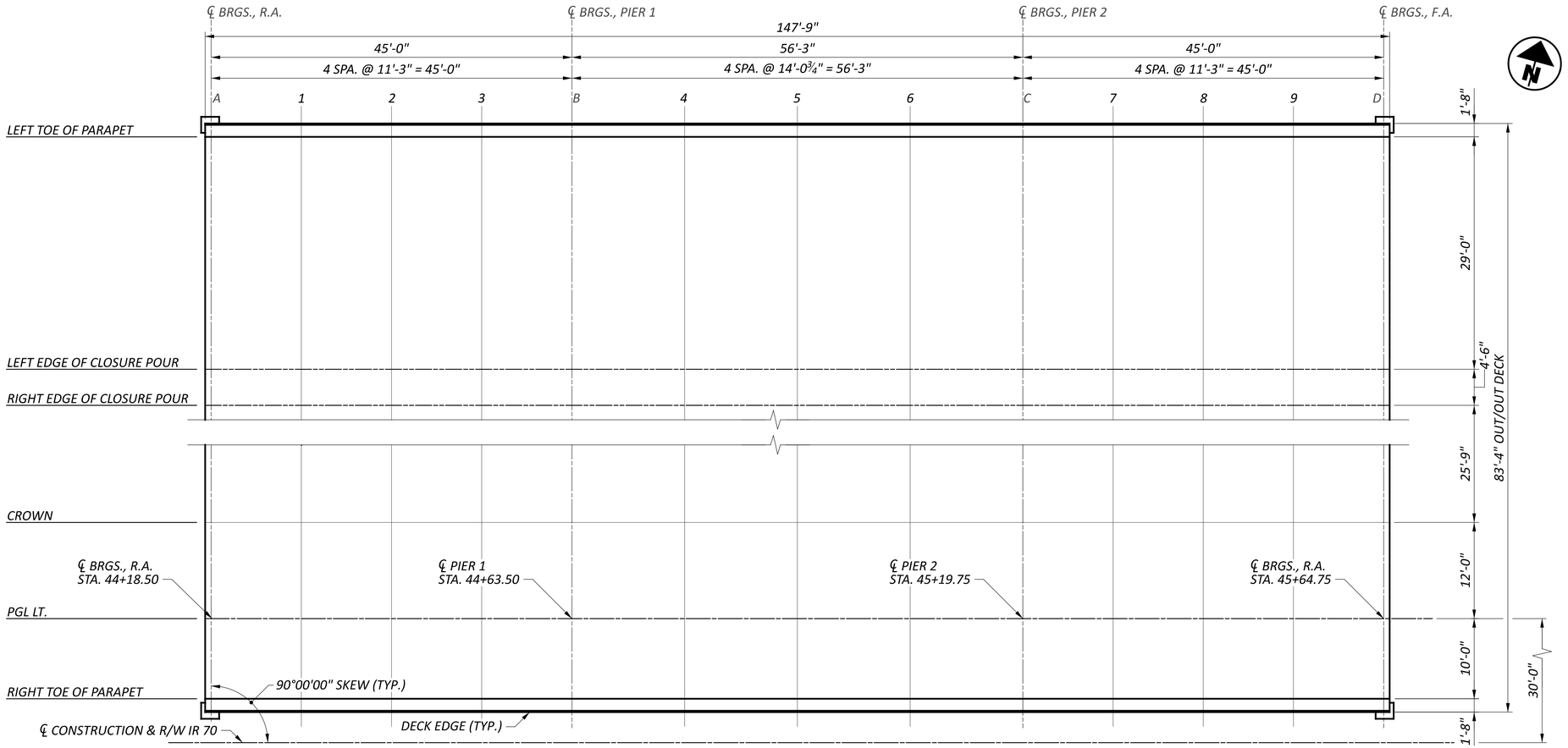
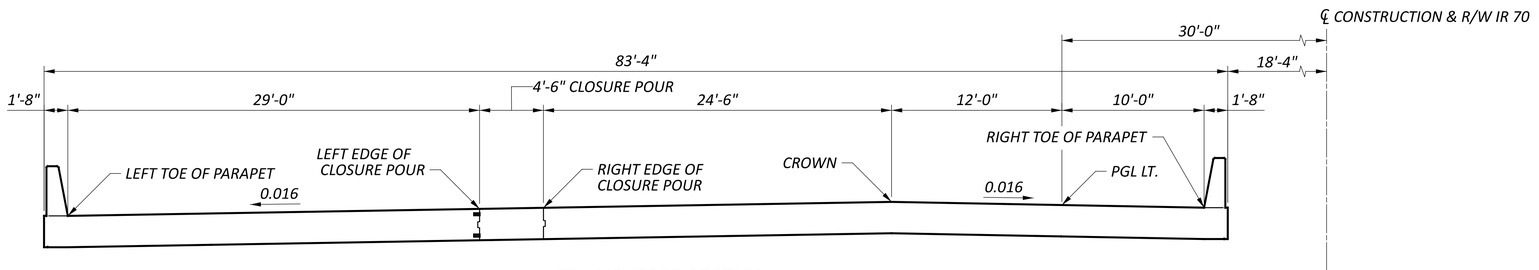


PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)

LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.13	835.08	835.05	835.02	835.00	834.98	834.96	834.96	834.96	834.97	834.99	835.01	835.04
LEFT EDGE OF CLOSURE POUR	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.59	835.55	835.52	835.49	835.47	835.45	835.43	835.43	835.43	835.44	835.46	835.48	835.51
RIGHT EDGE OF CLOSURE POUR	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.66	835.62	835.59	835.56	835.54	835.52	835.50	835.50	835.50	835.51	835.53	835.55	835.58
CROWN	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	836.05	836.01	835.98	835.95	835.93	835.91	835.89	835.89	835.89	835.90	835.92	835.94	835.97
PGL LT.	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.86	835.82	835.79	835.76	835.74	835.72	835.70	835.70	835.70	835.71	835.73	835.75	835.78
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.62	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.70	835.66	835.63	835.60	835.58	835.56	835.54	835.54	835.54	835.55	835.57	835.59	835.62

NOTE

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301564

DESIGN AGENCY CARPENTER MARTY transportation

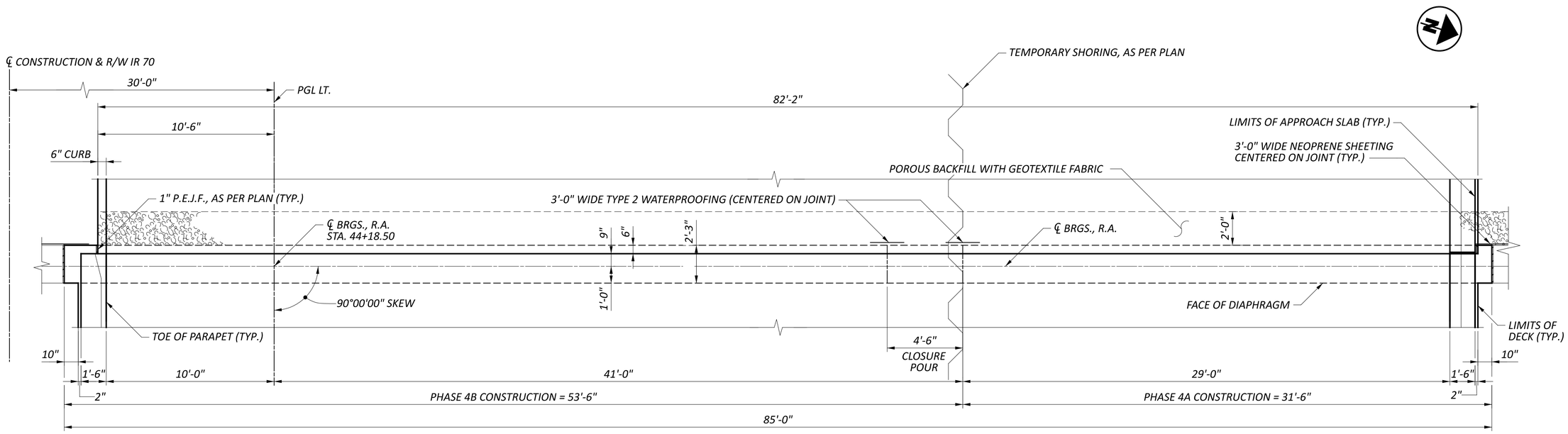
DESIGNER	CHECKER
SMH	AMR

REVIEWER GDJ 8-18-26

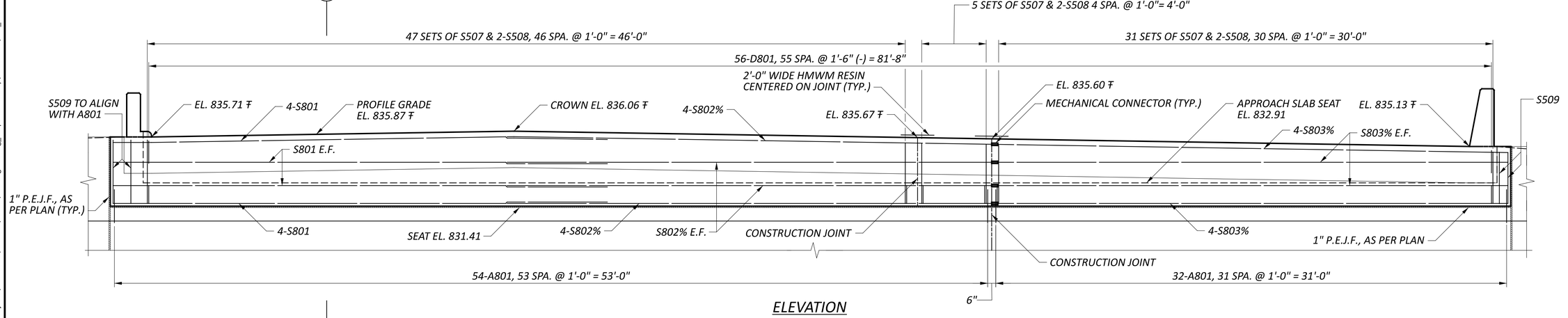
PROJECT ID 96808

SUBSET	TOTAL
22	30

SHEET	TOTAL
P.1509	P.2024



PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMITS

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 87 INCHES
3. PAYMENT FOR 2'-0" WIDE HMWM RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511- CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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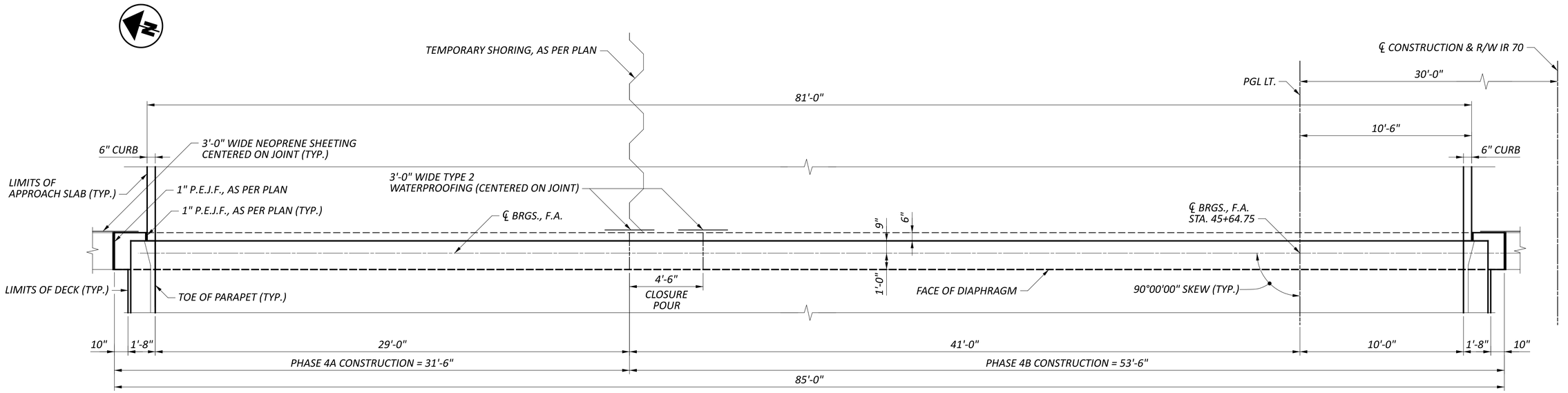
SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	23
TOTAL	30
SHEET	P.1510
TOTAL	P.2024



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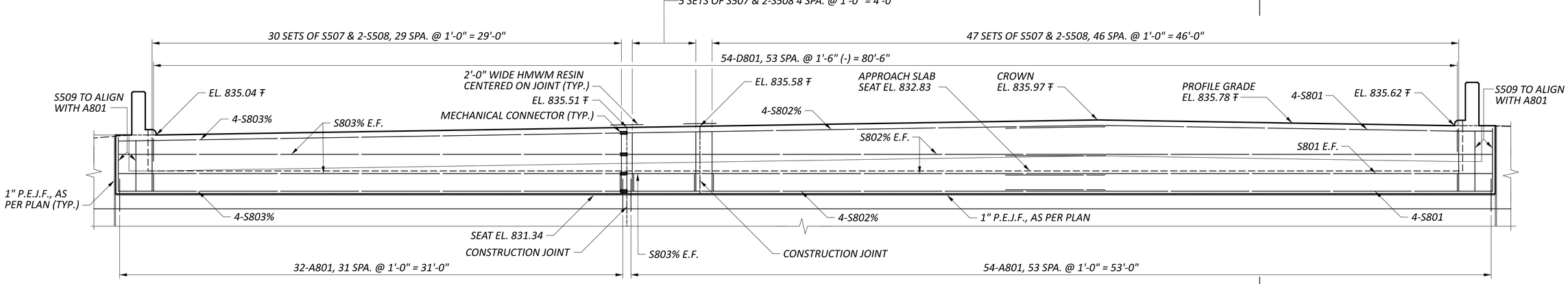

ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMITS

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 87 INCHES
3. PAYMENT FOR 2'-0" WIDE RESIN CENTERED ON TOP OF DECK CONSTRUCTION JOINTS SHALL BE INCLUDED WITH ITEM 511 - CLASS QC3 CONCRETE WITH QC/QA, SUPERSTRUCTURE.

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
24	30

SHEET	TOTAL
P.1511	P.2024

FAI/LIC-IR 70-0.00/0.00

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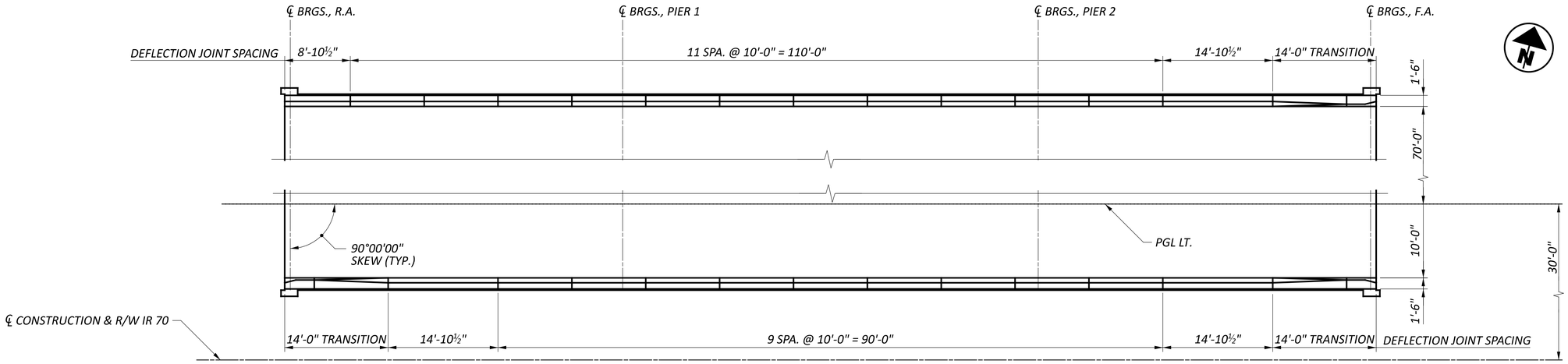

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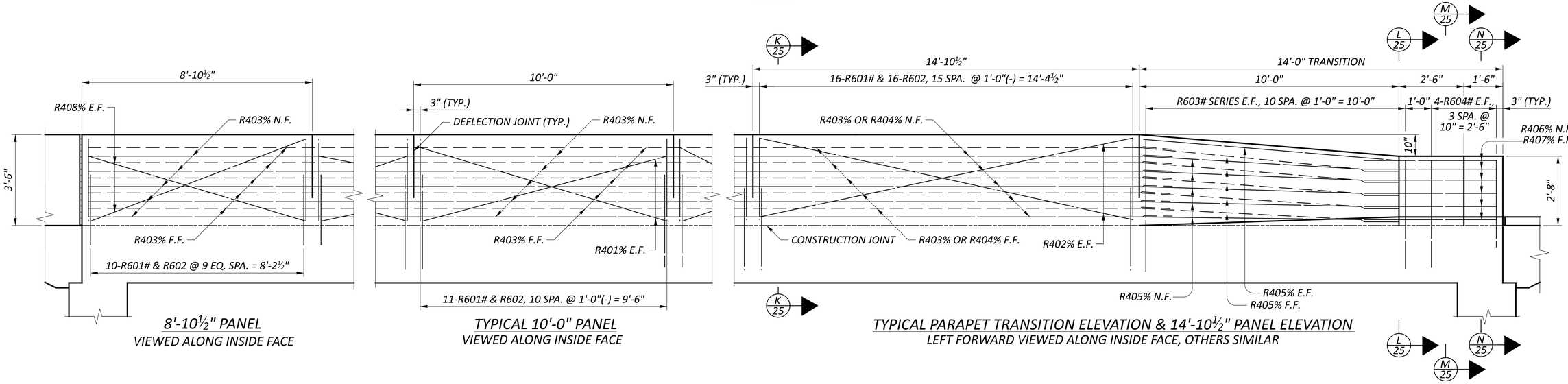
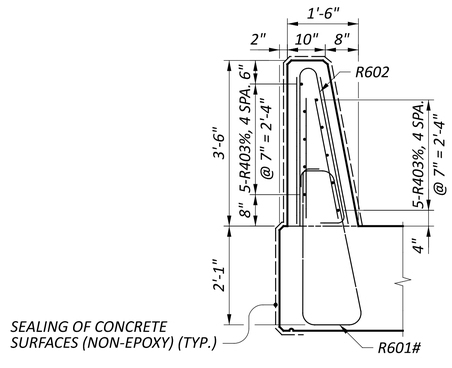


8'-10½" PANEL
VIEWED ALONG INSIDE FACE

TYPICAL 10'-0" PANEL
VIEWED ALONG INSIDE FACE

TYPICAL PARAPET TRANSITION ELEVATION & 14'-10½" PANEL ELEVATION
LEFT FORWARD VIEWED ALONG INSIDE FACE, OTHERS SIMILAR



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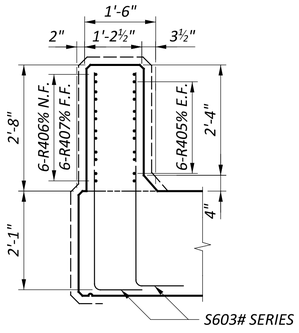

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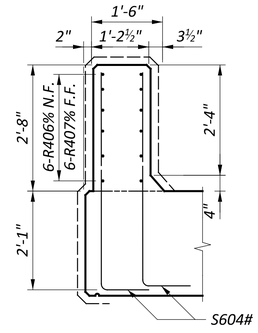

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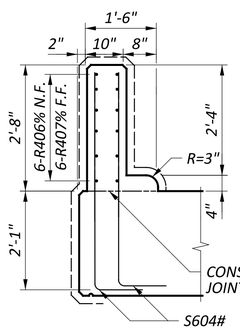

N 25 SECTION

LEGEND

E.F. - EACH FACE

N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING BRIDGE DECK

NOTES

1. REFER TO STD. DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #4 GFRP BAR = 13 INCHES

PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	25
TOTAL	30
SHEET	P.1512
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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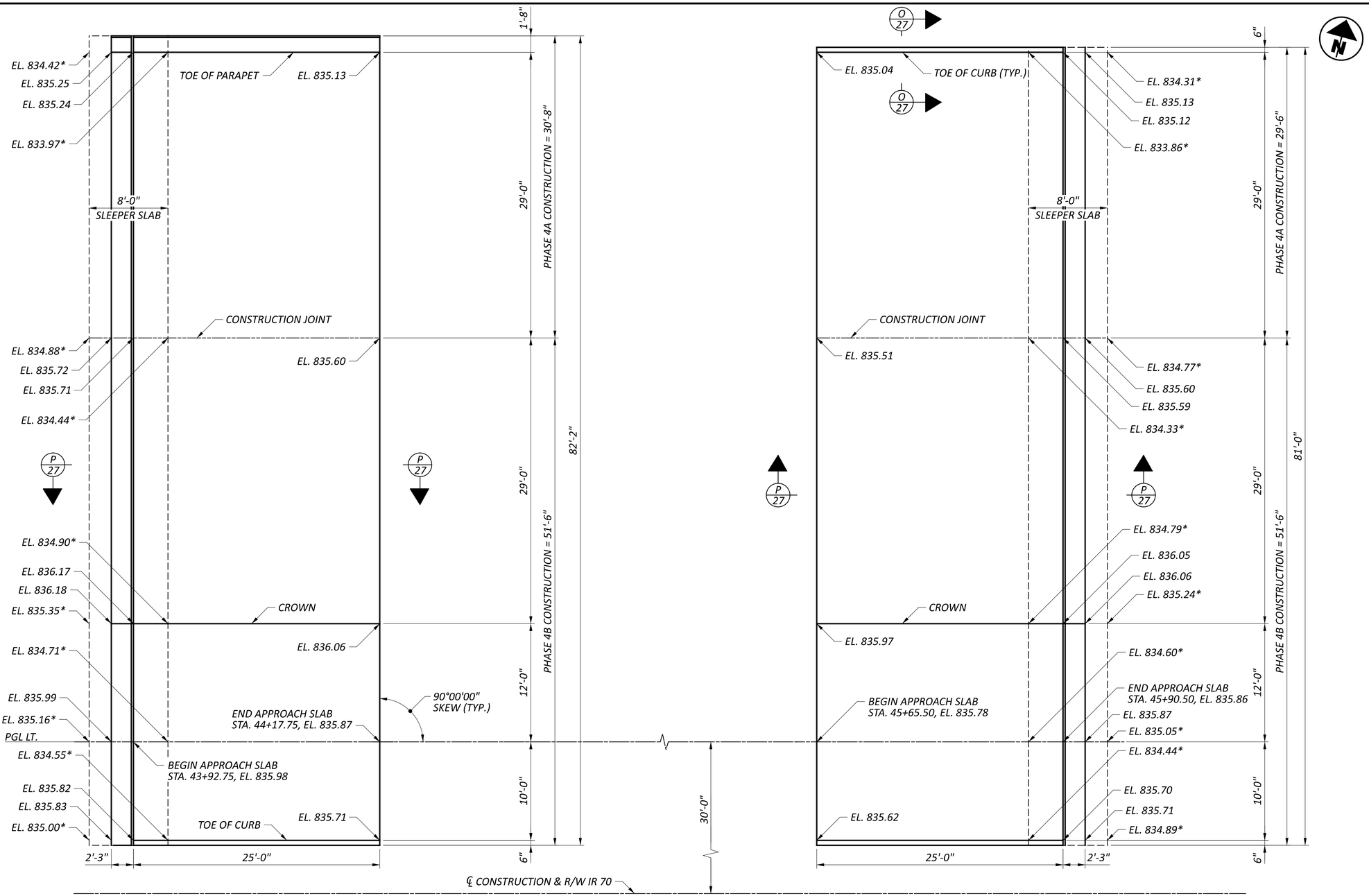


REAR APPROACH SLAB PLAN

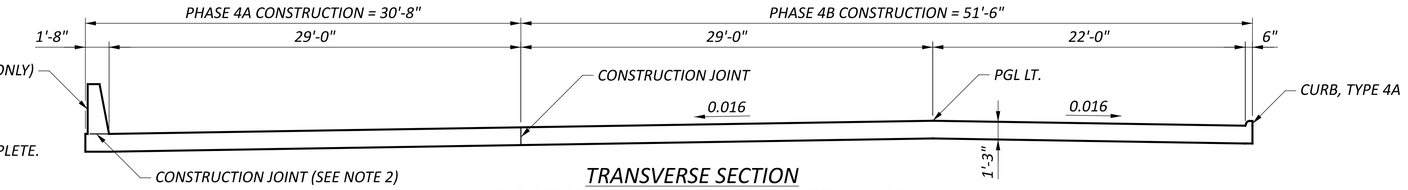
FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTES

1. REFER TO STD. DWG. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.
2. LEFT PARAPET (REAR) AND CURB (FORWARD) SHALL BE CONSTRUCTED AFTER PHASE 4B CONSTRUCTION IS COMPLETE.
3. LAP SPLICES AND/OR MECHANICAL CONNECTORS ARE INCLUDED FOR PAYMENT WITH ITEM 526 REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15").



TRANSVERSE SECTION
REAR APPROACH SLAB SHOWN, FORWARD SIMILAR

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	26
TOTAL	30
SHEET	P.1513
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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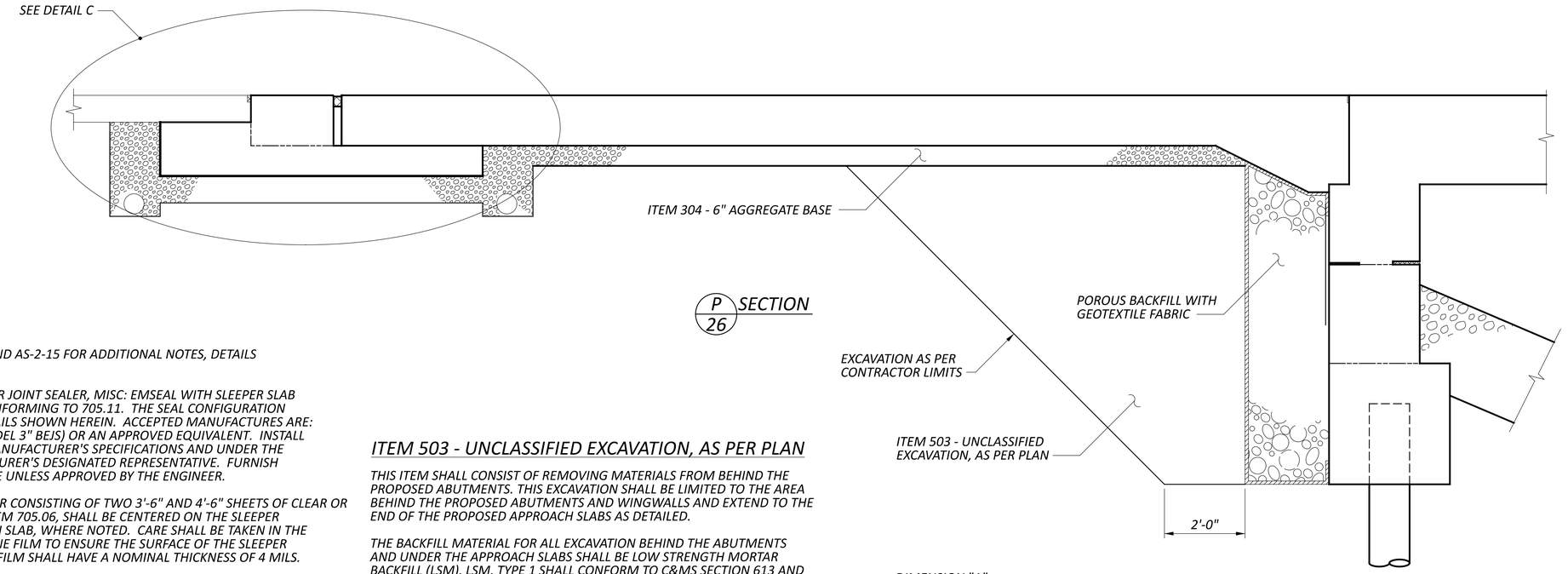


P 26 SECTION

NOTES

1. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES, DETAILS AND DIMENSION "A" TABLE.

2. ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HEREIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTINUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

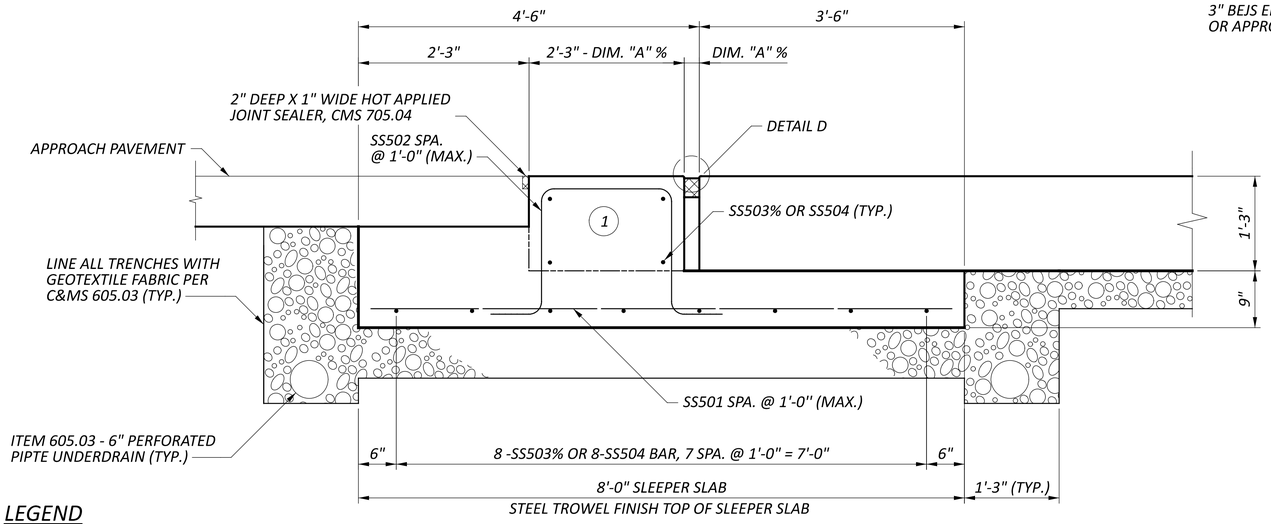
3. BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 3'-6" AND 4'-6" SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

4. PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CLASS QC2 WITH QC/QA CONCRETE SLEEPER SLAB, RESTEEL AND ALL LABOR, MATERIALS AND INCIDENTALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER C&MS ITEM 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

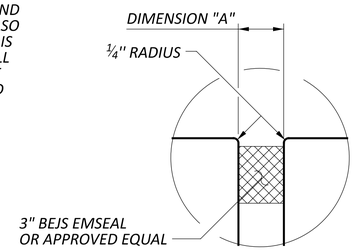
ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

THIS ITEM SHALL CONSIST OF REMOVING MATERIALS FROM BEHIND THE PROPOSED ABUTMENTS. THIS EXCAVATION SHALL BE LIMITED TO THE AREA BEHIND THE PROPOSED ABUTMENTS AND WINGWALLS AND EXTEND TO THE END OF THE PROPOSED APPROACH SLABS AS DETAILED.

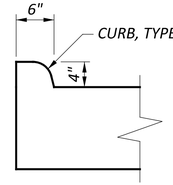
THE BACKFILL MATERIAL FOR ALL EXCAVATION BEHIND THE ABUTMENTS AND UNDER THE APPROACH SLABS SHALL BE LOW STRENGTH MORTAR BACKFILL (LSM). LSM, TYPE 1 SHALL CONFORM TO C&MS SECTION 613 AND BE PLACED WITHIN THE LIMITS OF THE APPROACH SLABS AND IT MAY ALSO BE USED TO CONSTRUCT THE SLOPES IN THIS SAME AREA AS LONG AS IT IS COVERED WITH ONE FOOT OF SOIL. THE AREA FOR THE POROUS BACKFILL WITH GEOTEXTILE FABRIC SHALL BE FORMED PRIOR TO THE PLACEMENT OF THE LSM, TYPE 1 BACKFILL. THE GEOTEXTILE FABRIC SHALL BE PLACED AFTER THE LSM HAS CURED AND THE FORMS HAVE BEEN REMOVED.



DETAIL C

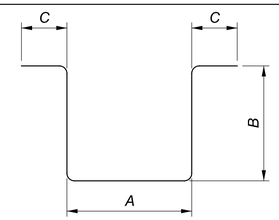


DETAIL D



O 26 SECTION

BENDING DIAGRAM



TYPE-6

MARK	MATERIAL TYPE	NUMBER REAR	NUMBER FWD	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)										
SS501	GSR	83	82	165	7'-8"	1320	STR			
SS502	GSR	83	82	165	5'-8"	976	6	1'-8"	1'-7"	10"
SS503%	GSR	24	24	48	30'-4"	1519	STR			
SS504	GSR	12	12	24	25'-7"	641	STR			
SLEEPER SLAB GSR SUBTOTAL						4456				

LEGEND

(1) - THIS PORTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED.

% - BAR TO UTILIZE A MECHANICAL CONNECTOR

APPROACH SLAB AND SLEEPER SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564
DESIGN AGENCY CARPENTER MARTY engineering
DESIGNER MME | CHECKER AMR
REVIEWER GDJ 8-18-26
PROJECT ID 96808
SUBSET 27 | TOTAL 30
SHEET P.1514 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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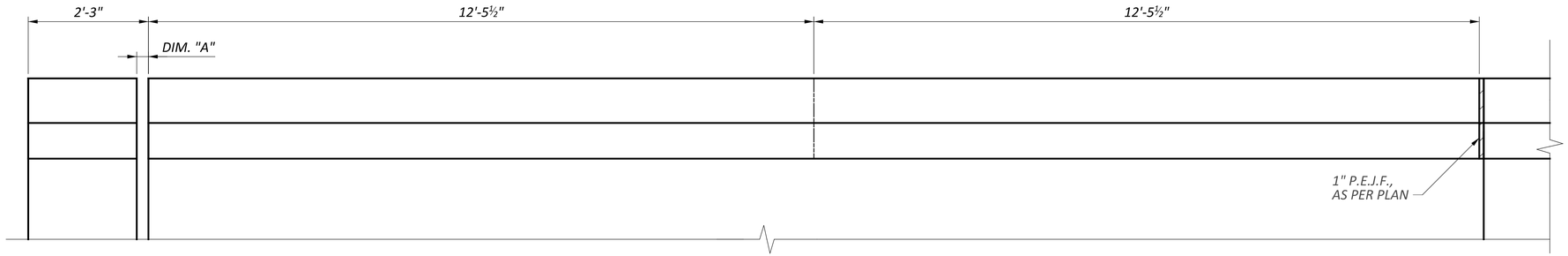
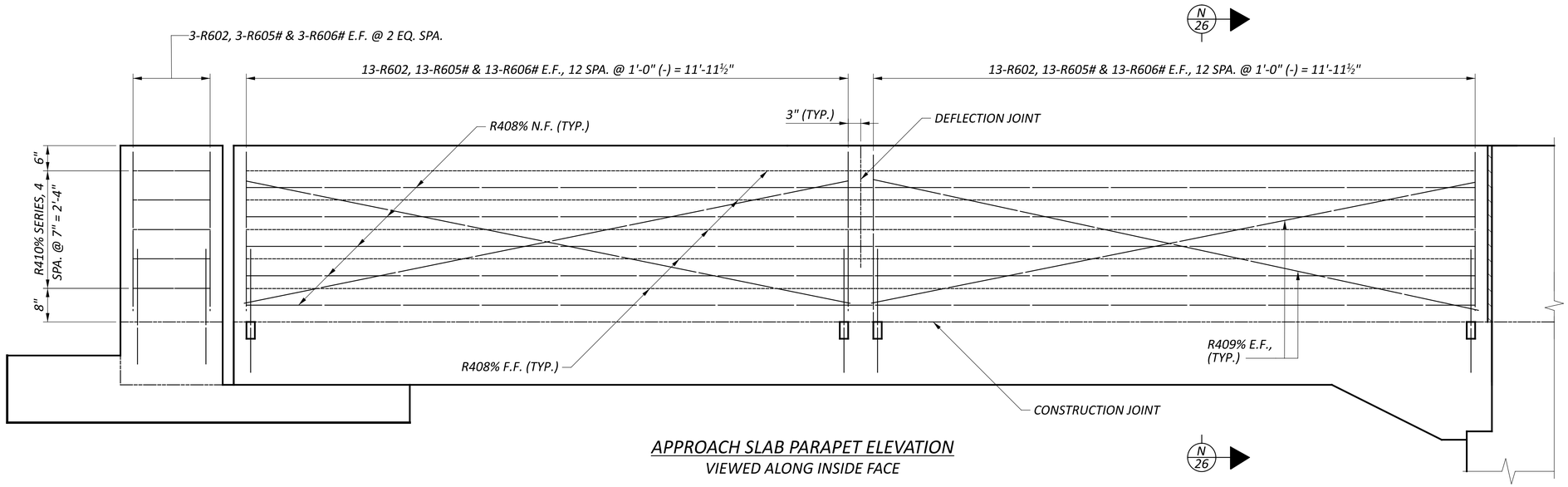
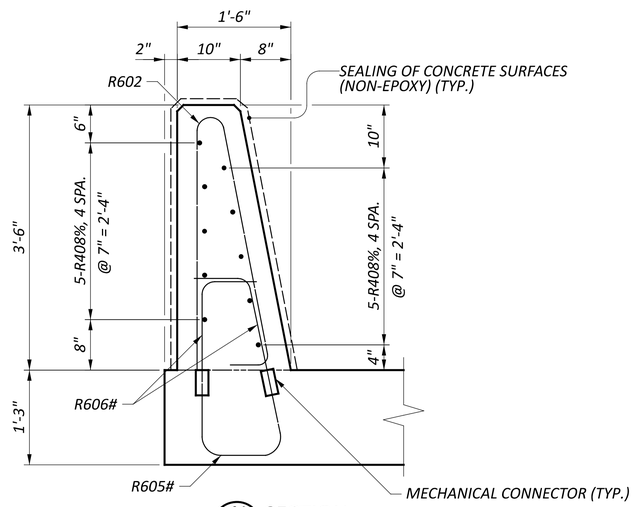


REAR APPROACH SLAB LEFT PARAPET PLAN



APPROACH SLAB PARAPET ELEVATION

VIEWED ALONG INSIDE FACE



N 28 SECTION

R409% NOT SHOWN FOR CLARITY

NOTE

REFER TO STD. DWGS. SBR-1-20 AND AS-2-15 FOR ADDITIONAL NOTES, DETAILS AND DIMENSION "A" TABLE.

LEGEND

E.F -EACH FACE

N.F -NEAR FACE

F.F -FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR TO UTILIZE A MECHANICAL CONNECTOR

APPROACH SLAB PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY Transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
28	30

SHEET	TOTAL
P.1515	P.2024

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
SUPERSTRUCTURE GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
RAILING GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS						
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC
PIERS (GALVANIZED STEEL REINFORCEMENT - GSR)																
	GSR															
PIER GSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 30/30 FOR BENDING DIAGRAMS.

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN 2301564

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-18-26

PROJECT ID: 96808

SUBSET	TOTAL
29	30

SHEET	TOTAL
P.1516	P.2024

FAI/LIC-IR 70-0.00/0.00

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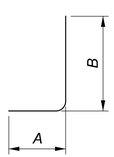
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)														
	GSR													
ABUTMENT GSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

BENDING DIAGRAM



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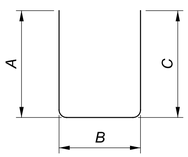

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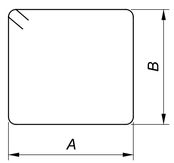

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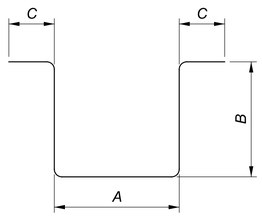

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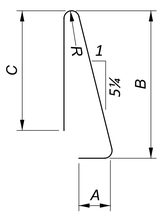

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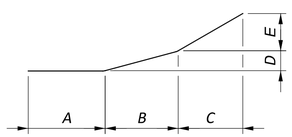

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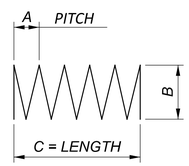

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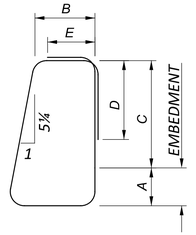

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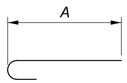

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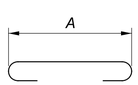

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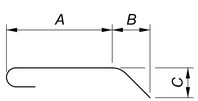

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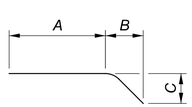

TYPE-19

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 L
IR 70 OVER BLACKLICK CREEK

SFN	2301564
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-18-26
PROJECT ID	96808
SUBSET	30
TOTAL	30
SHEET	P.1517
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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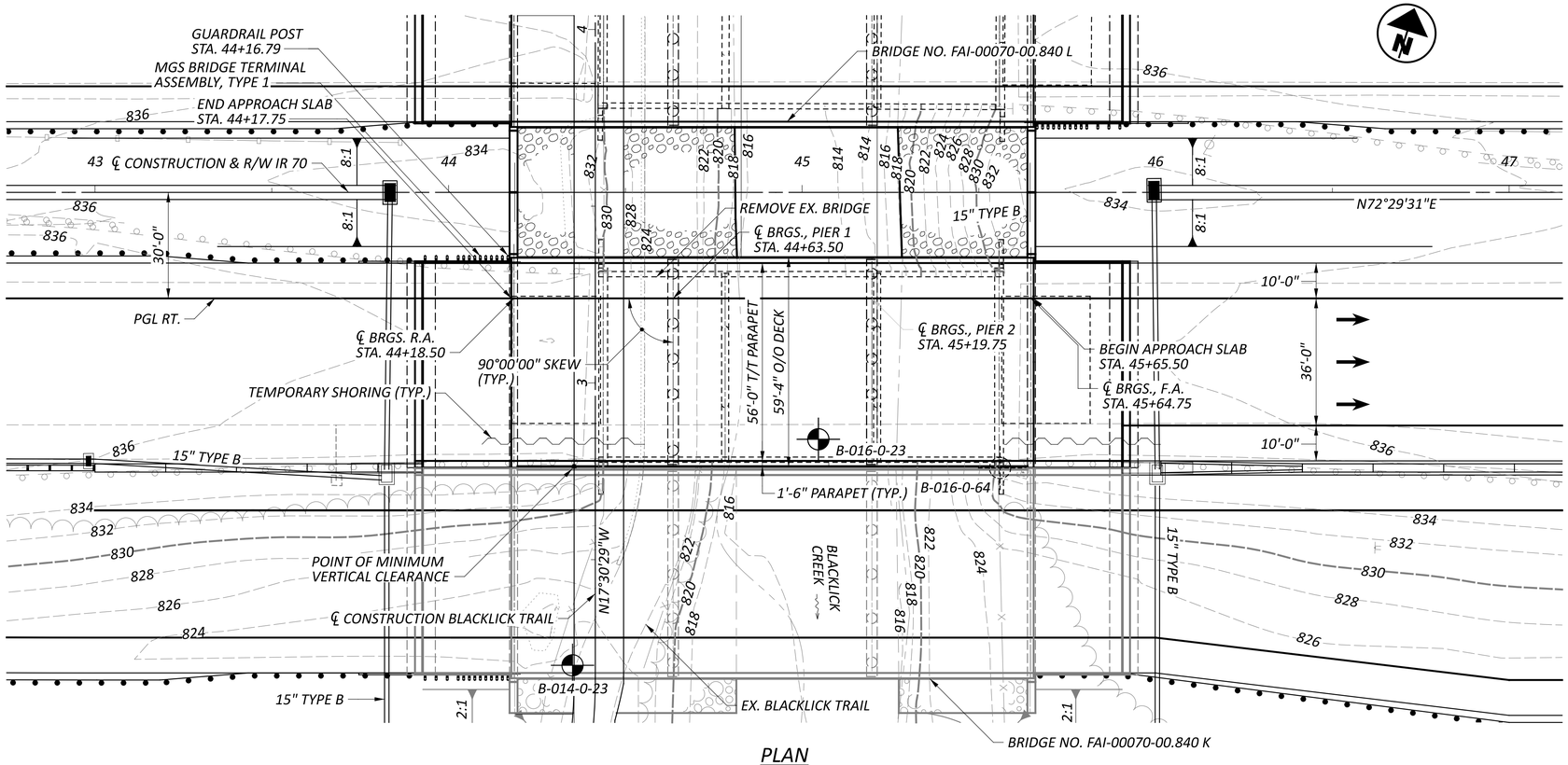
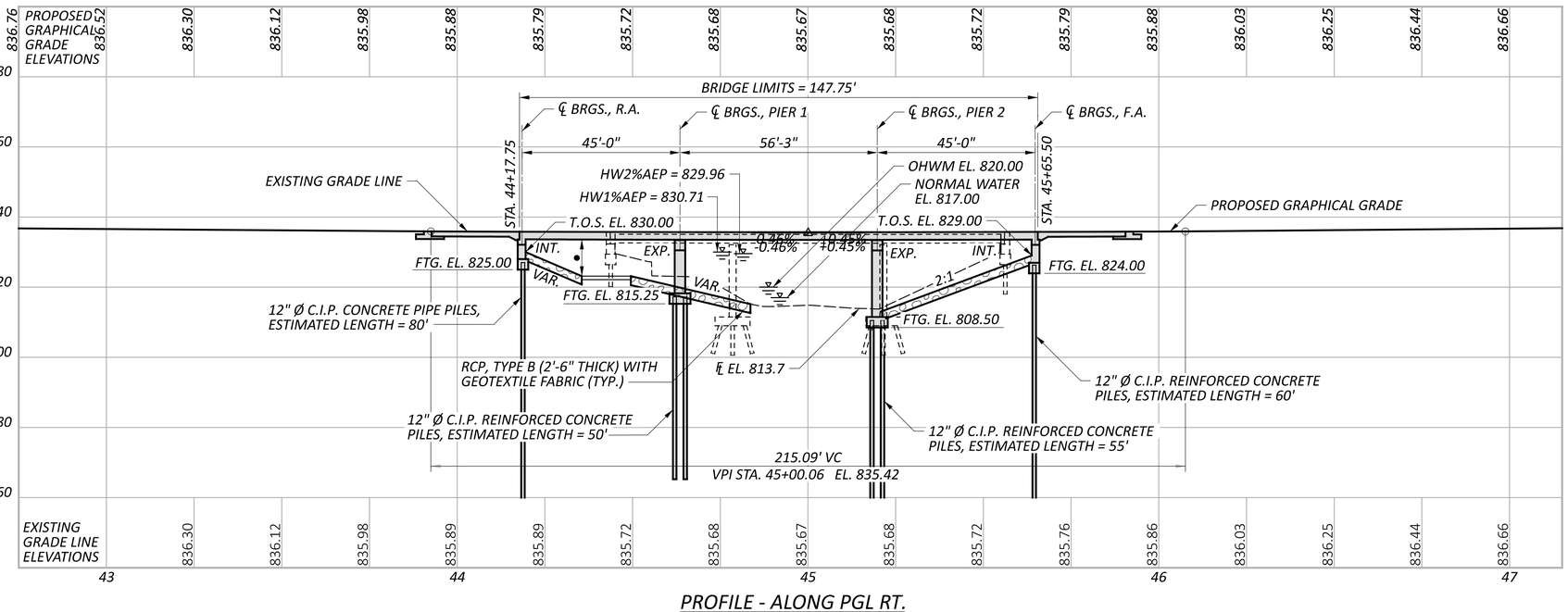


PLAN



PROFILE - ALONG PGL RT.

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12′	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98′	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75′	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.2024.

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56680 2030 ADTT = 6802
2050 ADT = 76150 2050 ADTT = 9138
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  10'-1½" ACTUAL MINIMUM VERTICAL CLEARANCE

PROJECT BORING LOCATION

HISTORIC BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN BY 3.15 FEET.

EXISTING STRUCTURE

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 34'-6"±, 43'-0"±, 34'-6"± (C/C BEARINGS)
ROADWAY: 51'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: NONE
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301598
DATE BUILT: 1967 REHABILITATED: 1989
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS
SPANS: 45'-0", 56'-3", 45'-0" (C/C BEARINGS)
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: NONE
APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE C, MODIFIED)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 8,766 SF
COORDINATES: LATITUDE 39°55'54.9" N
LONGITUDE 82°47'45.2" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER SMH | CHECKER AMR
REVIEWER GDJ 8-19-26
PROJECT ID 96808
SUBSET 1 | TOTAL 23
SHEET P.1518 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	DATED	1-16-2026
SBR-1-20	REVISED	7-19-2024

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT^2

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2024.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAPS)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURE, SUPERSTRUCTURE, APPROACH SLAB)

GFRP REINFORCEMENT (PARAPETS)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

STEEL SHEET PILING - ASTM A572 GRADE 50 - YIELD STRENGTH 50 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 267 KIPS PER PILE FOR THE REAR ABUTMENT. THE UBV IS 334 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 320 KIPS PER PILE FOR THE PIER 2 PILES. THE UBV FOR THE REAR ABUTMENT INCLUDES AN ADDITIONAL 10 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 1 INCLUDES AN ADDITIONAL 14 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 7 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 2 INCLUDES AN ADDITIONAL 1 KIP PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 85 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 65 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.250" FOR THE ABUTMENTS AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 259 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 3 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 65 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

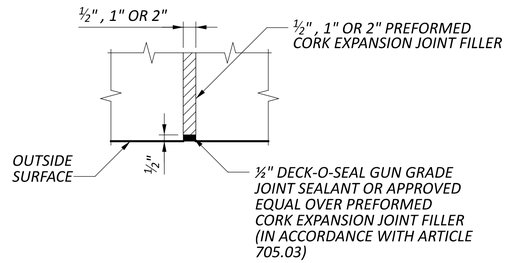
ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANES OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF THE EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF THE EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUM SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665



PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN, SF, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

SCOUR ELEVATIONS

THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	819.98	805.92	805.92	922.08
CHECK FLOOD	823.00	805.67	805.67	826.00

GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	STK

REVIEWER: GDJ 8-19-26

PROJECT ID: 96808

SUBSET	TOTAL
2	23

SHEET	TOTAL
P.1519	P.2024

FAI/LIC-IR 70-0.00/0.00

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DESIGN:
DATE:

CHECK:
DATE:

ESTIMATED QUANTITIES

ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN	
				202	22900		SY	APPROACH SLAB REMOVED	
				202	32800		SY	CONCRETE SLOPE PROTECTION REMOVED	
				503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING	
				503	11101	LS	-	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	2, 7
				503	21301	LS	-	UNCLASSIFIED EXCAVATION, AS PER PLAN	20
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	26000	0	LB	GALVANIZED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	13901	0	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				516	14600	0	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: EMSEAL WITH SLEEPER SLAB	20
				516	42600	0	FT	ELASTOMERIC BEARING PAD, MISC.: 1.5" THICK ELASTOMERIC STRIP BEARING	12
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25010	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN
2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER
GDJ 8-19-26

PROJECT ID
96808

SUBSET	TOTAL
3	23

SHEET	TOTAL
P.1520	P.2024

FAI/LIC-IR 70-0.00/0.00

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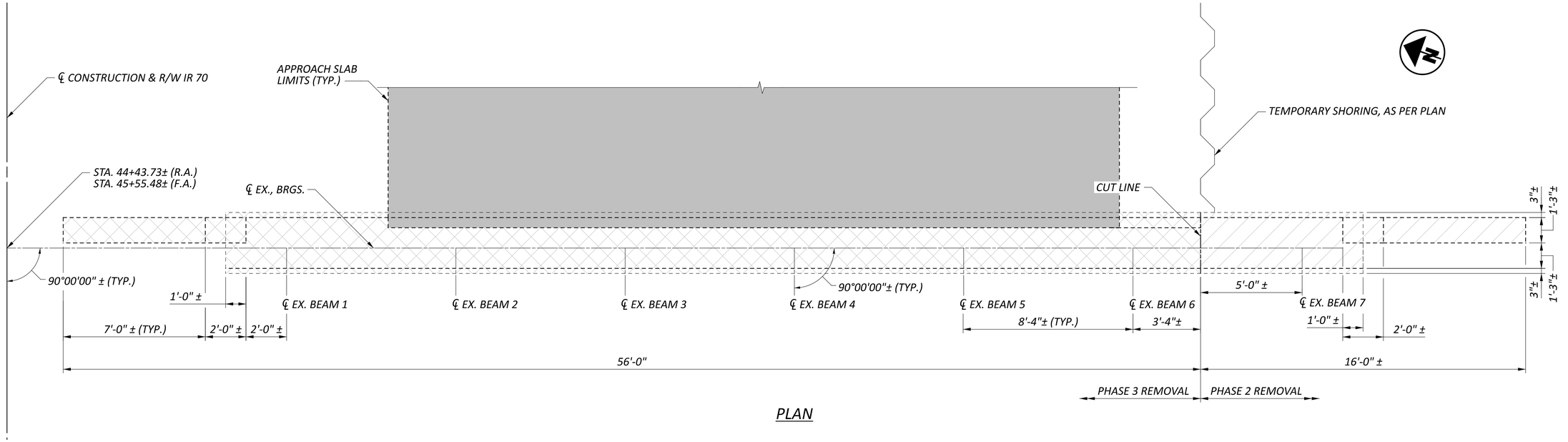
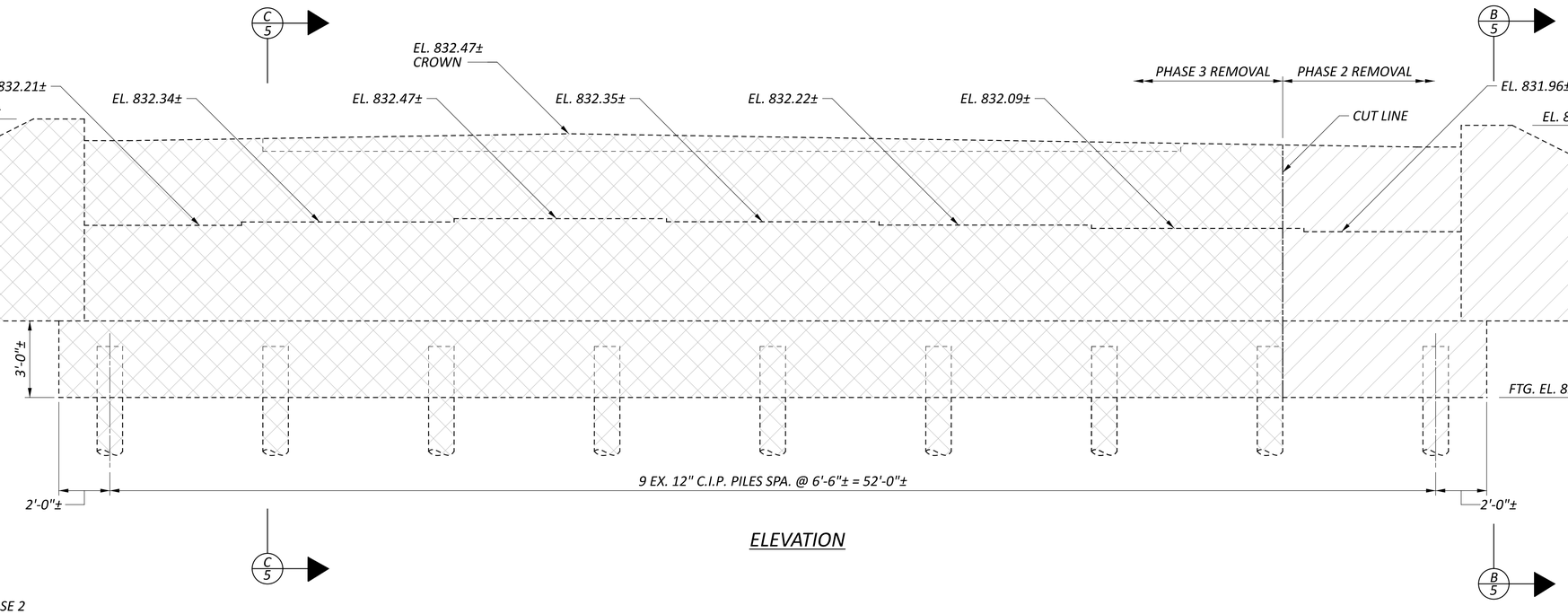


PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 2
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 3
- APPROACH SLAB REMOVED

NOTES

1. FORWARD ABUTMENT SHOWN. REAR ABUTMENT OPPOSITE HAND.
2. REFER TO SHEET 7/23 FOR TEMPORARY SHORING DETAILS
3. REMOVE REAR ABUTMENT PILES TO A MINIMUM OF 1'-0" BELOW BLACKLICK TRAIL PAVEMENT.
4. REMOVE FORWARD ABUTMENT PILES TO A MINIMUM OF 1'-0" BELOW PROPOSED GROUND SURFACE.
5. SEE FAI-00070-00.840 L SHEET 5/30 THRU 8/30 FOR MAINTENANCE OF TRAFFIC DETAILS.

ABUTMENT REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-19-26

PROJECT ID: 96808

SUBSET	TOTAL
4	23

SHEET	TOTAL
P.1521	P.2024

FAI/LIC-IR 70-0.00/0.00

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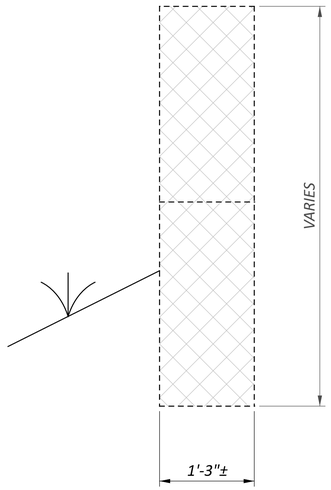
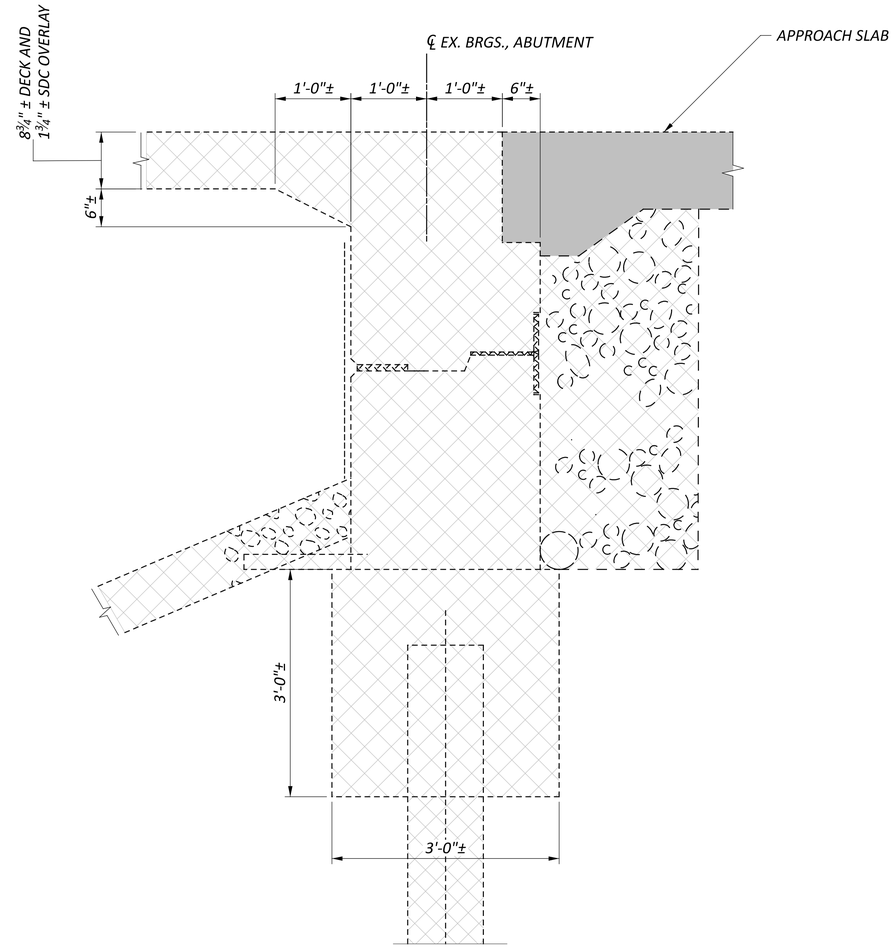


B/4 SECTION



C/4 SECTION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN

- APPROACH SLAB REMOVED

ABUTMENT SECTION REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

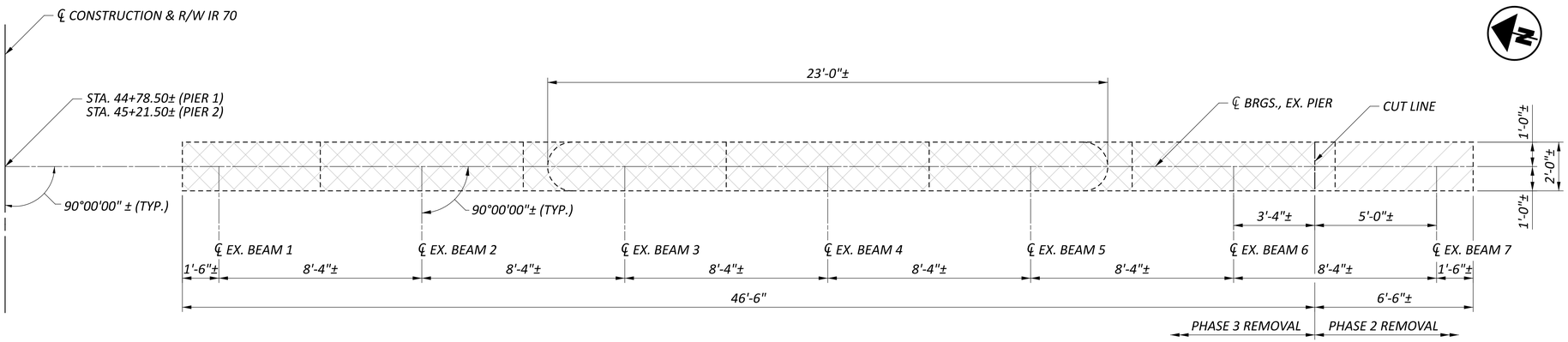
DESIGNER	CHECKER
MME	AMR

REVIEWER GDJ 8-19-26

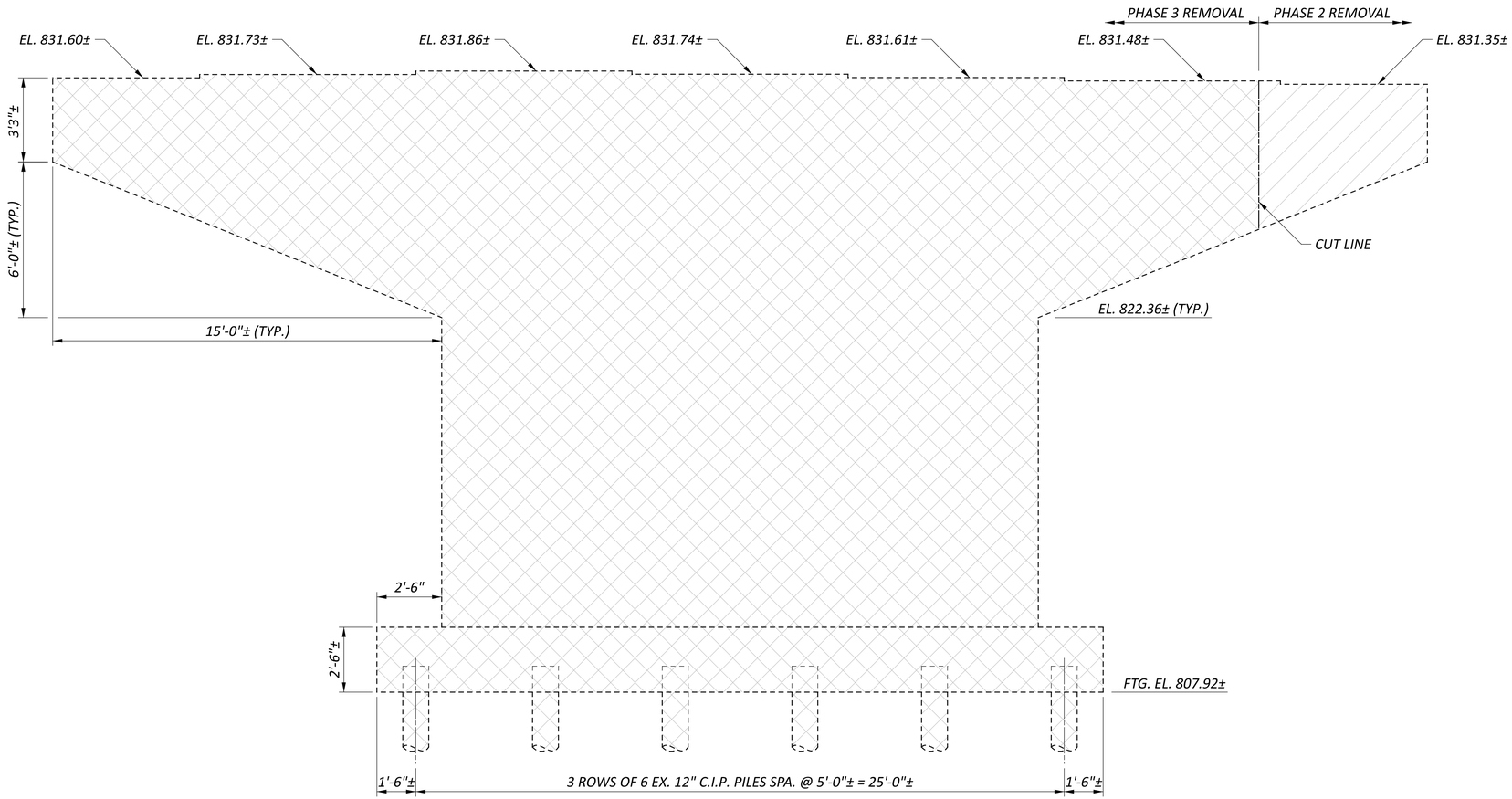
PROJECT ID 96808

SUBSET	TOTAL
5	23

SHEET	TOTAL
P.1522	P.2024



PLAN



ELEVATION

LEGEND

- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 2
- STRUCTURE REMOVED, OVER 20 FOOT SPAN - PHASE 3

NOTES

1. REMOVE PIER 1 PER C&MS 202.03
2. REMOVE PIER 2 IN ITS ENTIRELY INCLUDING PILES TO ELEVATION 808.50
3. SEE FAI-00070-00.840 L SHEET 5/30 THRU 8/30 FOR MAINTENANCE OF TRAFFIC DETAILS.

PIER REMOVAL DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	SMH
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	6
TOTAL	23
SHEET	P.1523
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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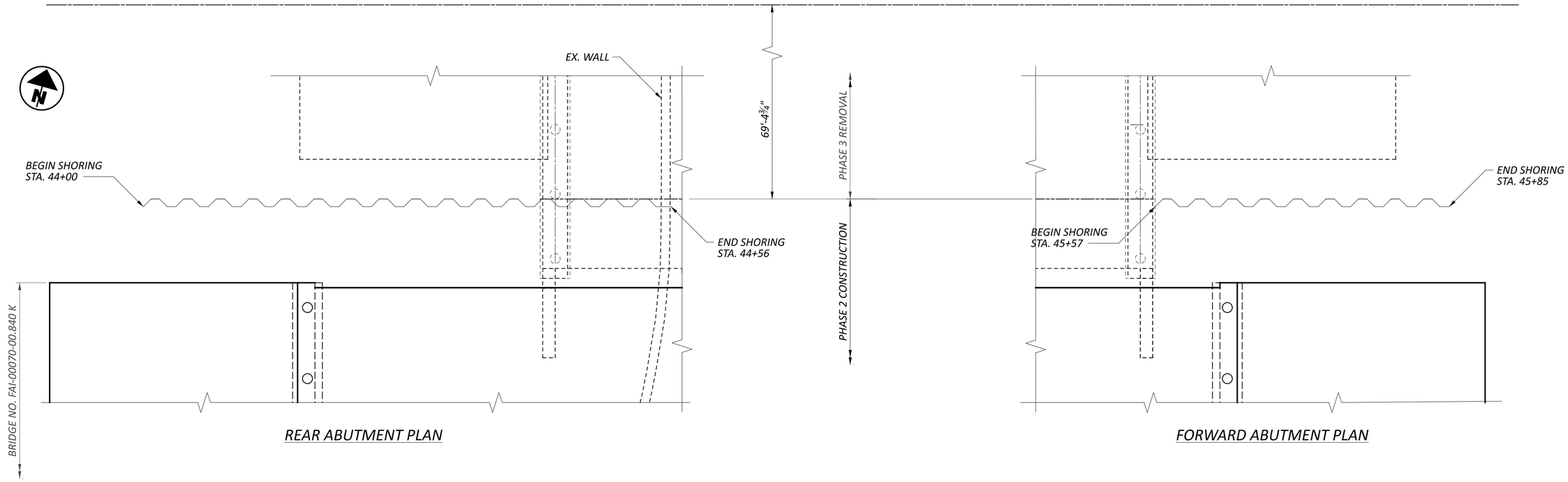
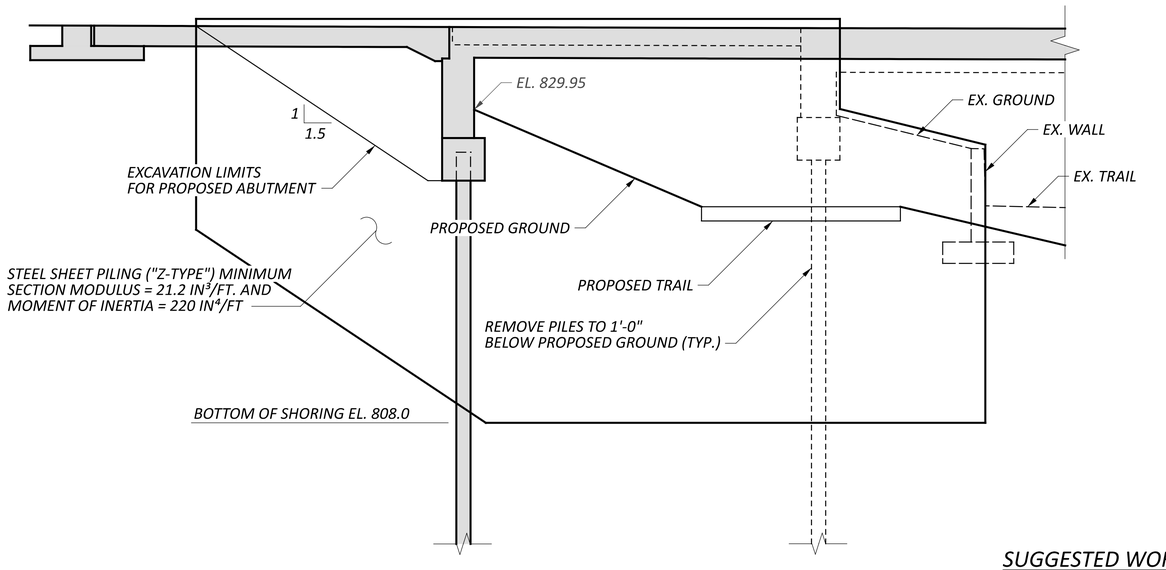
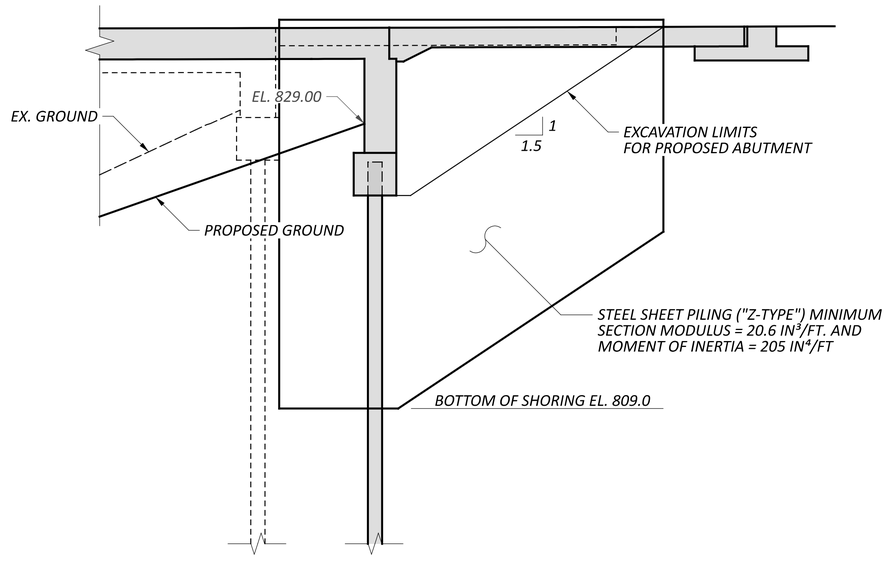


REAR ABUTMENT PLAN

FORWARD ABUTMENT PLAN



REAR ABUTMENT ELEVATION



FORWARD ABUTMENT ELEVATION

LEGEND

PROPOSED BRIDGE

NOTE

TOP OF SHORING SHALL BE A MINIMUM OF 6" ABOVE PROPOSED GROUND LINE.

SUGGESTED WORK SEQUENCE

1. REMOVE PORTIONS OF THE EXISTING APPROACH SLABS, PAVEMENT, AND EMBANKMENT TO ALLOW FOR INSTALLATION OF SHORING.
2. INSTALL SHORING.
3. COMPLETE CONSTRUCTION OF FAI-00070-00.840 K.
4. REMOVE REMAINING PORTIONS OF EXISTING BRIDGE.
5. COMPLETE CONSTRUCTION OF FAI-00070-00.840 R AND FINAL GRADING.

TEMPORARY SHORING DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 over BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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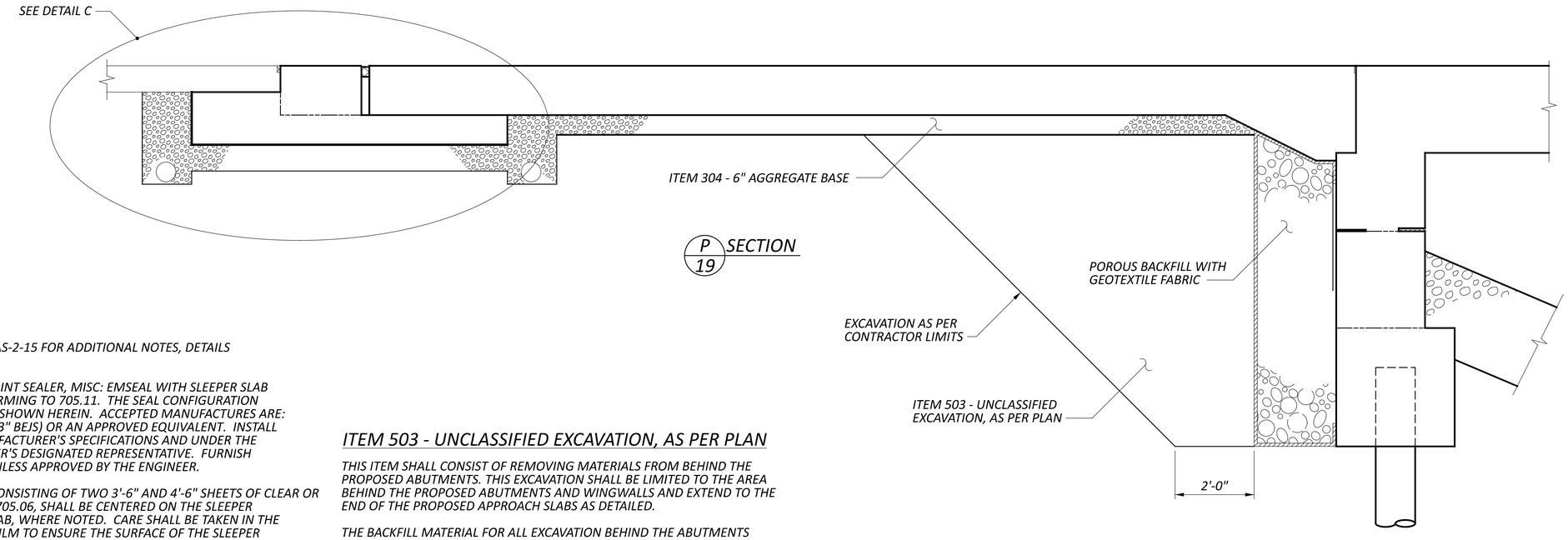
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	AMR
CHECKER	MME
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	7
TOTAL	23
SHEET	P.1524
TOTAL	P.2024



P 19 SECTION

NOTES

1. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES, DETAILS AND DIMENSION "A" TABLE.

2. ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HEREIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTINUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

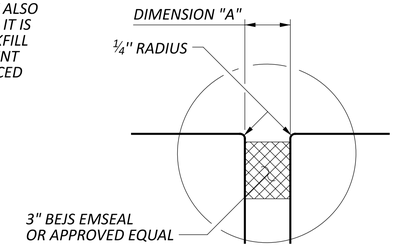
3. BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 3'-6" AND 4'-6" SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

4. PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CLASS QC2 WITH QC/QA CONCRETE SLEEPER SLAB, RESTEEL AND ALL LABOR, MATERIALS AND INCIDENTALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER C&MS ITEM 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

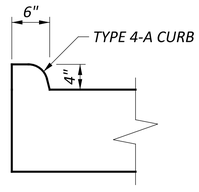
ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

THIS ITEM SHALL CONSIST OF REMOVING MATERIALS FROM BEHIND THE PROPOSED ABUTMENTS. THIS EXCAVATION SHALL BE LIMITED TO THE AREA BEHIND THE PROPOSED ABUTMENTS AND WINGWALLS AND EXTEND TO THE END OF THE PROPOSED APPROACH SLABS AS DETAILED.

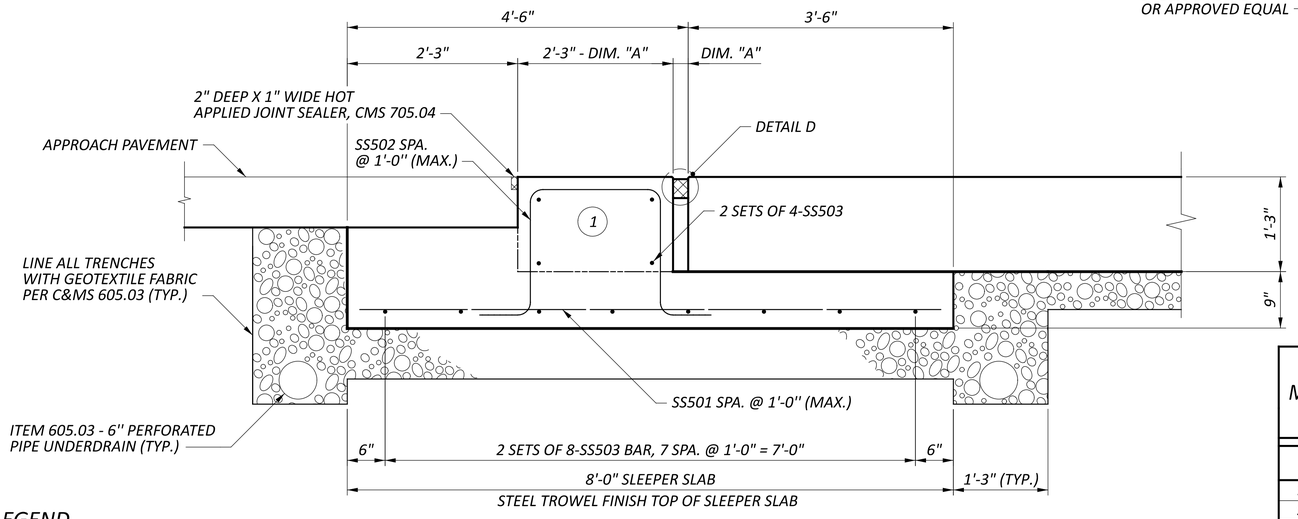
THE BACKFILL MATERIAL FOR ALL EXCAVATION BEHIND THE ABUTMENTS AND UNDER THE APPROACH SLABS SHALL BE LOW STRENGTH MORTAR BACKFILL (LSM). LSM, TYPE 1 SHALL CONFORM TO C&MS SECTION 613 AND BE PLACED WITHIN THE LIMITS OF THE APPROACH SLABS AND IT MAY ALSO BE USED TO CONSTRUCT THE SLOPES IN THIS SAME AREA AS LONG AS IT IS COVERED WITH ONE FOOT OF SOIL. THE AREA FOR THE POROUS BACKFILL WITH GEOTEXTILE FABRIC SHALL BE FORMED PRIOR TO THE PLACEMENT OF THE LSM, TYPE 1 BACKFILL. THE GEOTEXTILE FABRIC SHALL BE PLACED AFTER THE LSM HAS CURED AND THE FORMS HAVE BEEN REMOVED.



DETAIL D



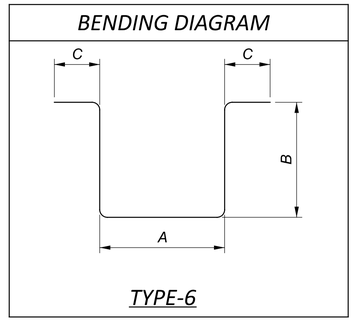
Q 19 SECTION



DETAIL C

LEGEND

(1) - THIS PORTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED.



TYPE-6

MARK	MATERIAL TYPE	NUMBER REAR	NUMBER FWD	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)										
SS501	GSR	58	58	116	7'-8"	928	STR			
SS502	GSR	58	58	116	5'-8"	686	6	1'-8"	1'-7"	8"
SS503	GSR	24	24	48	30'-4"	1519	STR			
					SLEEPER SLAB GSR SUB-TOTAL	3133				

APPROACH SLAB AND SLEEPER SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER MME | CHECKER AMR
REVIEWER GDJ 8-19-26
PROJECT ID 96808
SUBSET 20 | TOTAL 23
SHEET P.1537 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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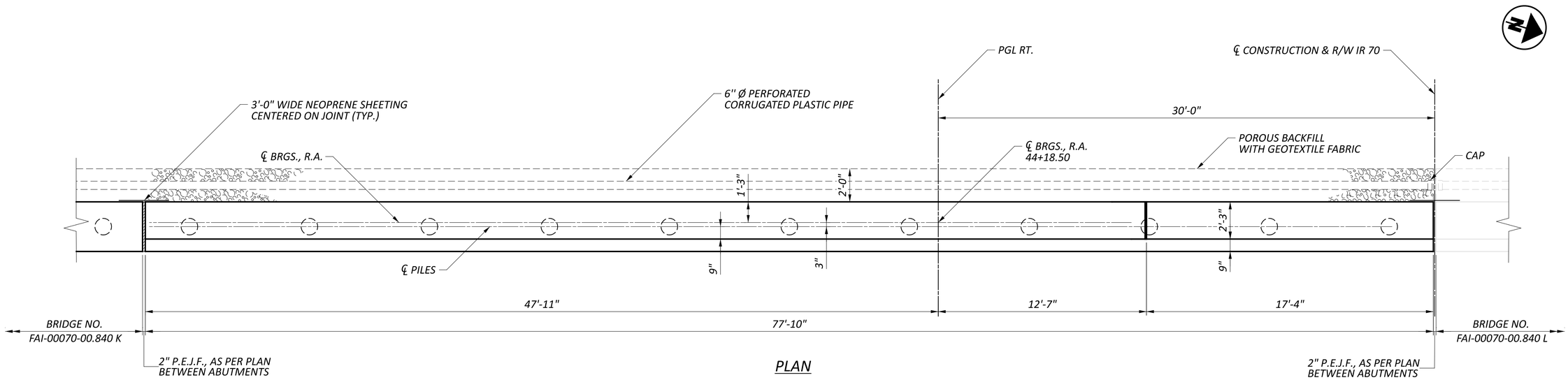
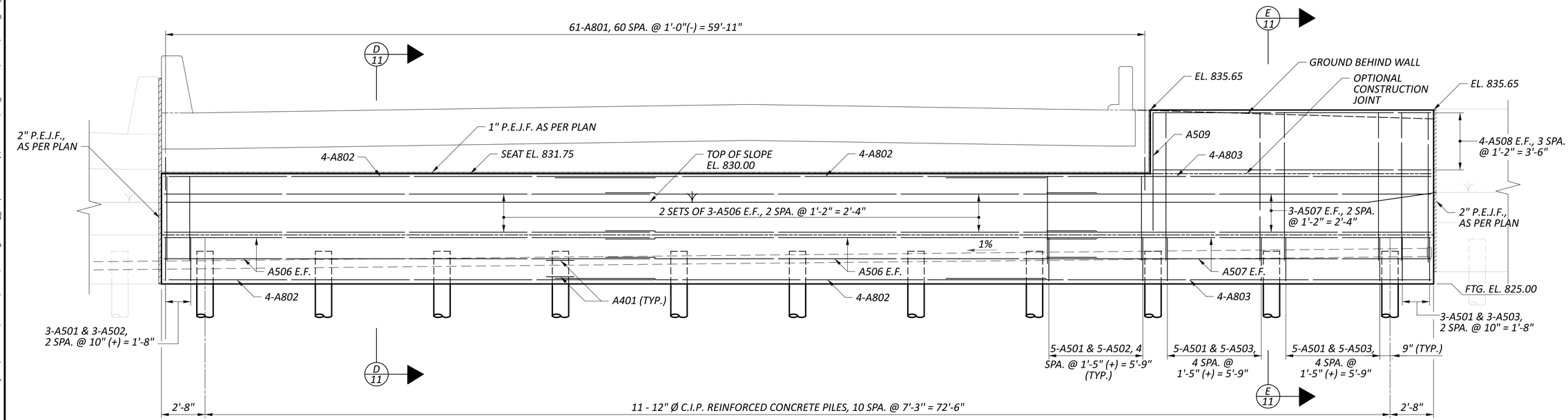


PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 16/23 FOR DIAPHRAM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 36 INCHES
   #8 BAR = 73 INCHES
4. REFER TO SHEET 8/23 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	9
TOTAL	23
SHEET	P.1526
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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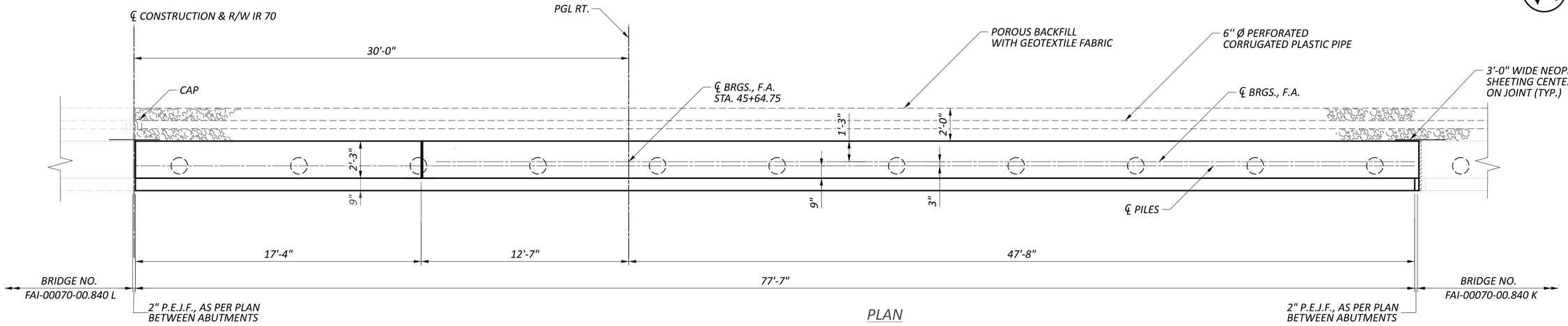
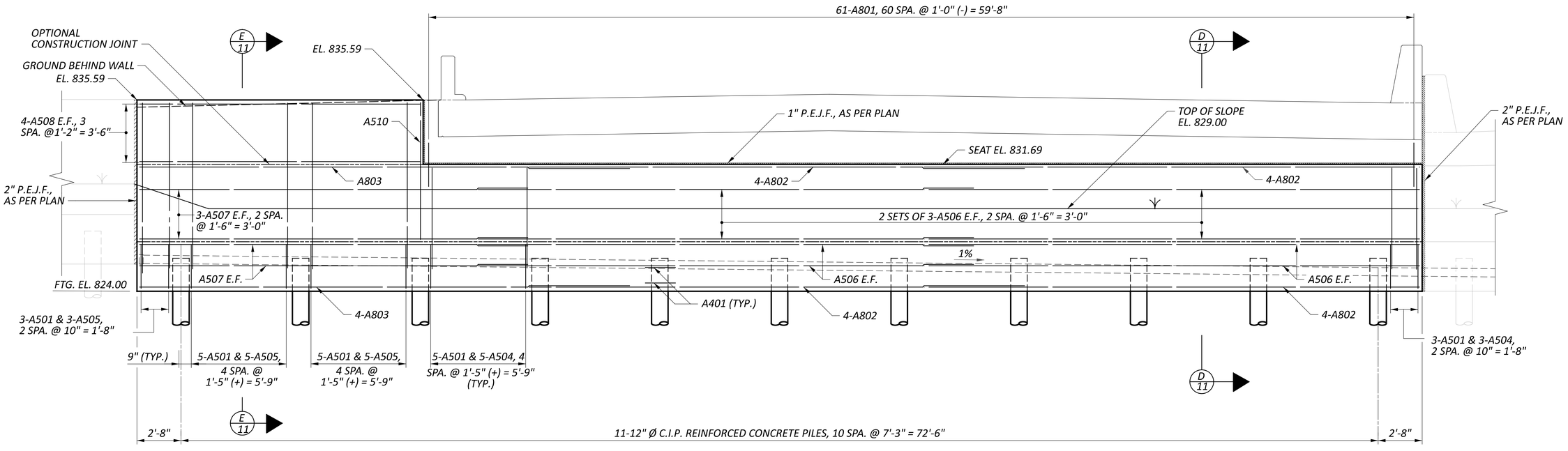


PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 17/23 FOR DIAPHRAM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 36 INCHES
   #8 BAR = 73 INCHES
4. REFER TO SHEET 8/23 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 8-19-26

PROJECT ID: 96808

SUBSET	TOTAL
10	23

SHEET	TOTAL
P.1527	P.2024

FAI/LIC-IR 70-0.00/0.00

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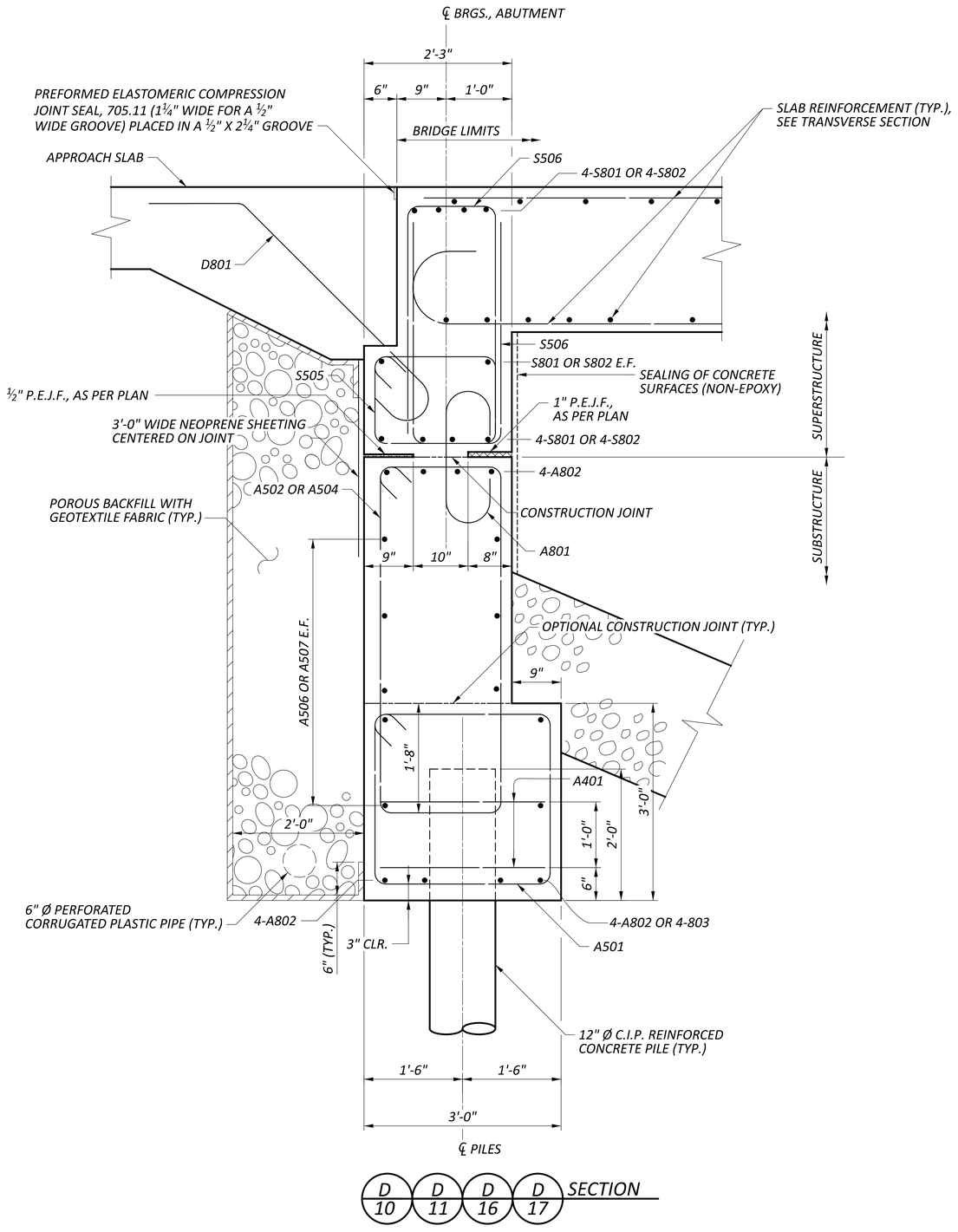
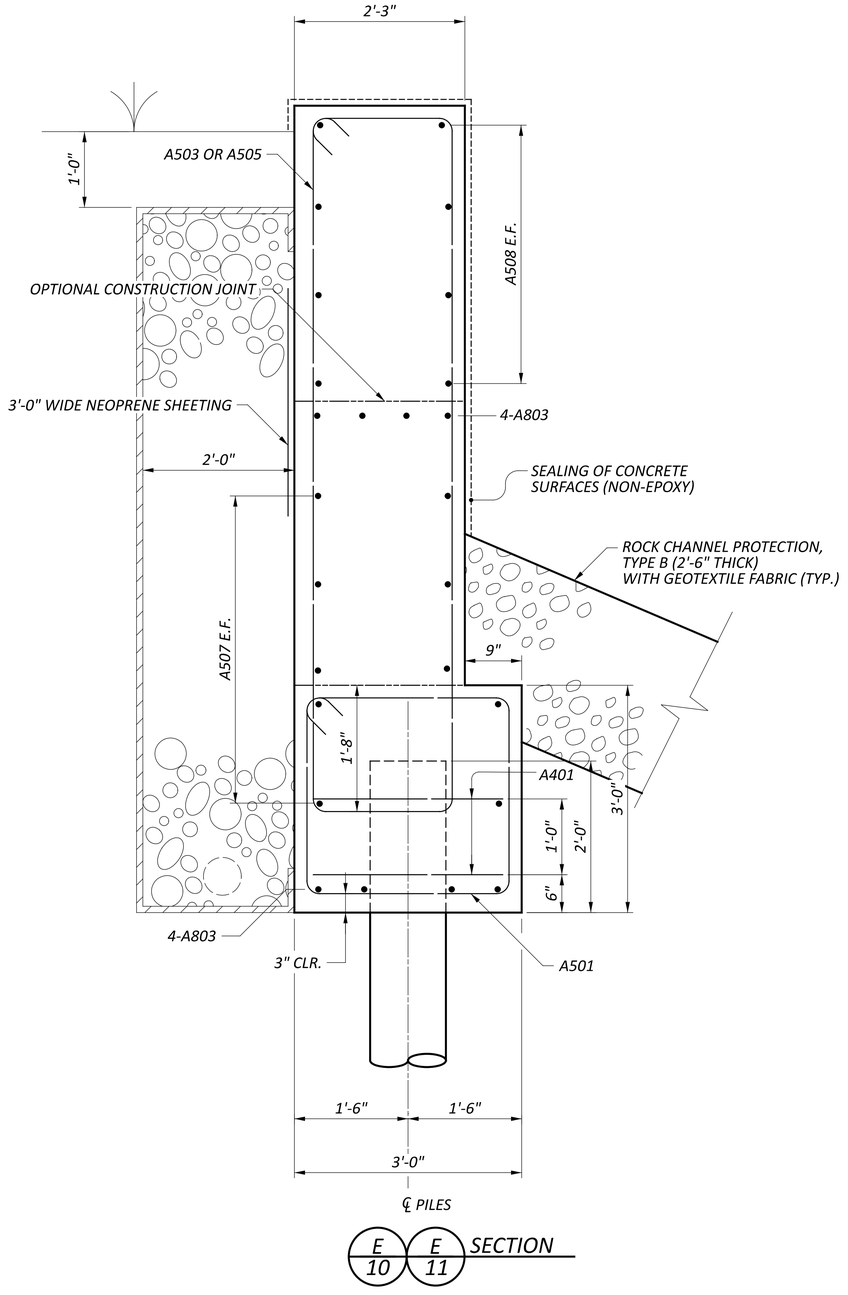


D 10 | D 11 | D 16 | D 17 SECTION



E 10 | E 11 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 16/23 TO 17/23 FOR DIAPHRAM DETAILS. AND SHEETS 13/23 TO 14/23 FOR SLAB DETAILS.

LEGEND

E.F. - EACH FACE

ABUTMENT SECTIONS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 4-25-25
PROJECT ID	96808
SUBSET	11
TOTAL	23
SHEET	P.1528
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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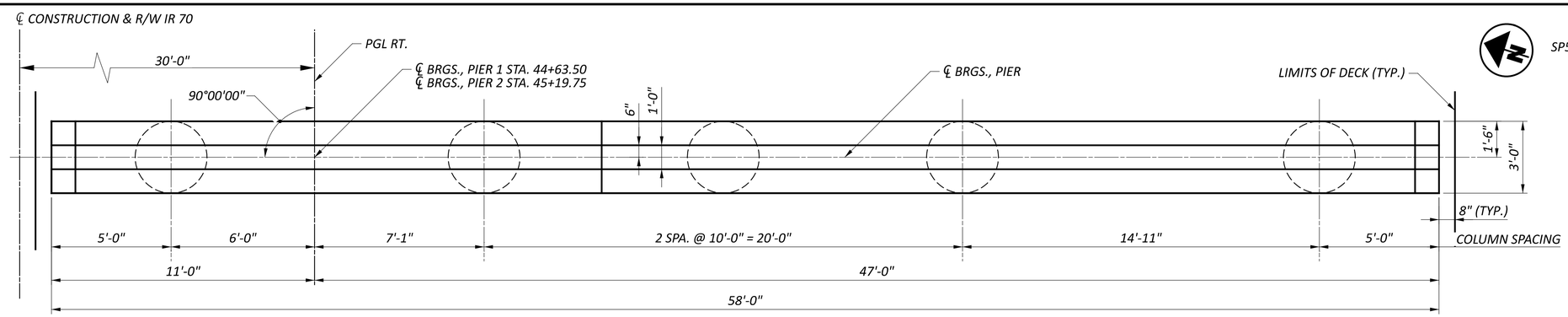
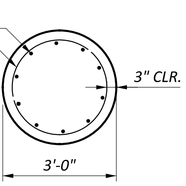
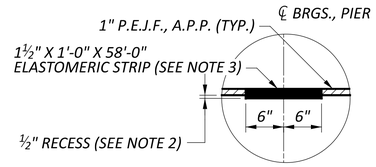


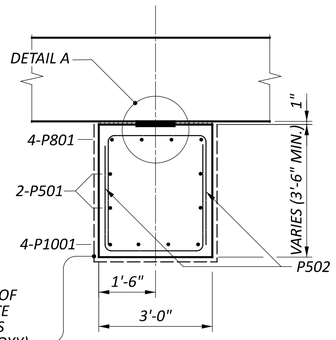
PLAN



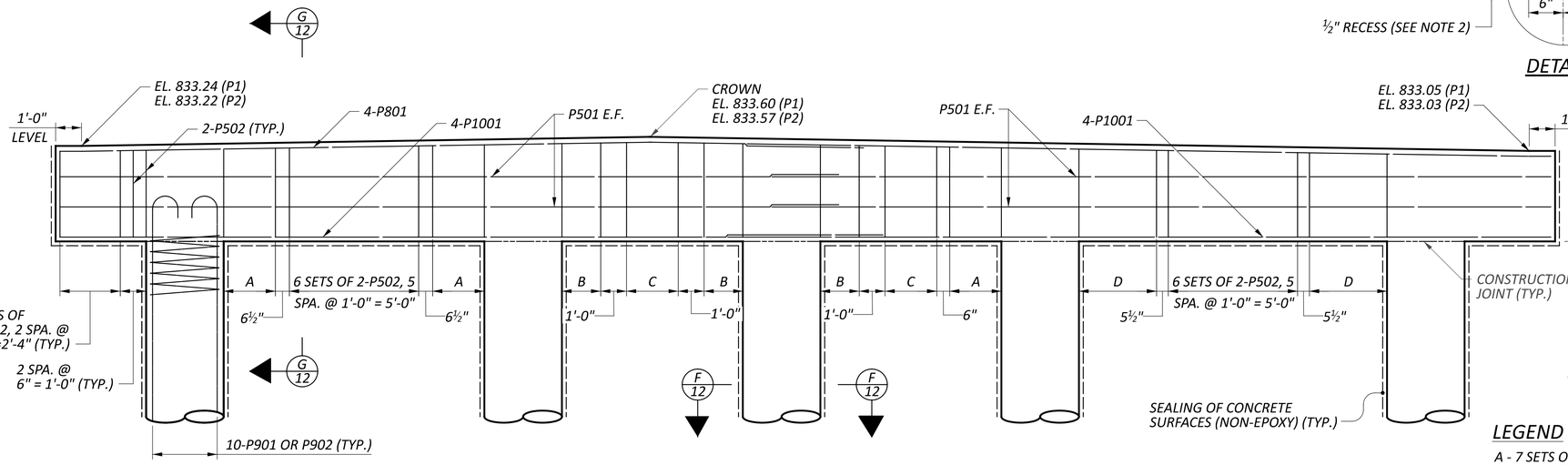
F 12 SECTION



DETAIL A



G 12 SECTION



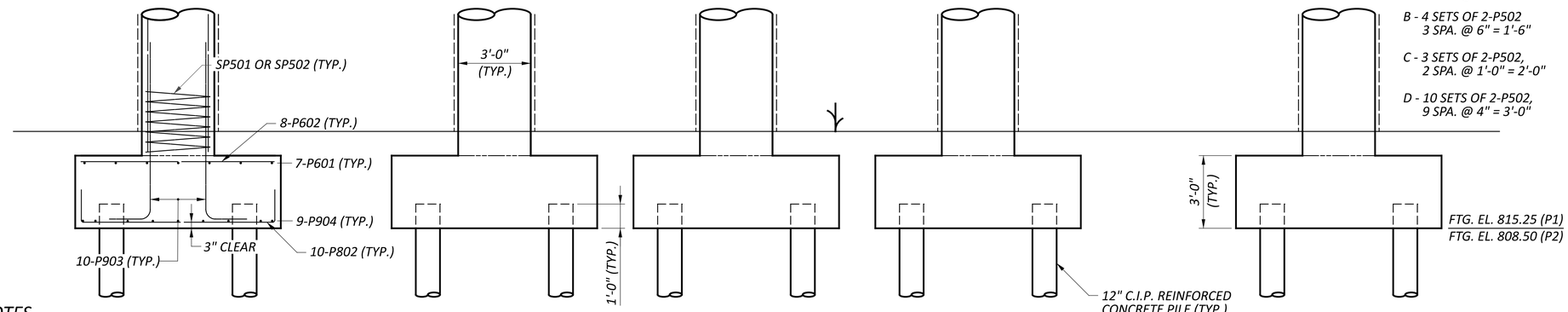
LEGEND

A - 7 SETS OF 2-P502
6 SPA. @ 4" = 2'-0"

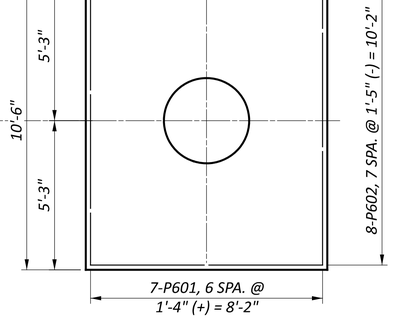
B - 4 SETS OF 2-P502
3 SPA. @ 6" = 1'-6"

C - 3 SETS OF 2-P502,
2 SPA. @ 1'-0" = 2'-0"

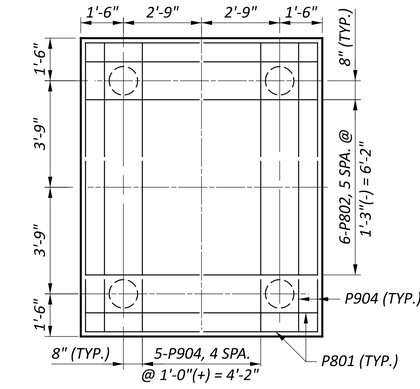
D - 10 SETS OF 2-P502,
9 SPA. @ 4" = 3'-0"



ELEVATION



FOOTING PLAN (TOP MAT)



FOOTING PLAN (BOTTOM MAT)

NOTES

1. COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED 1½ TURNS INTO THE PIER CAP.
2. CAP ELEVATIONS SHOWN DO NOT ACCOUNT FOR THE ½" BEARING RECESS.
3. ELASTOMERIC STRIP: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE STRIP WAS DESIGNED IN ACCORDANCE WITH SECTION 14.6 OF THE AASHTO LRFD BRIDGE SPECIFICATIONS.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 31 INCHES
   #8 BAR = 54 INCHES

PIER PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	12
TOTAL	23
SHEET	P.1529
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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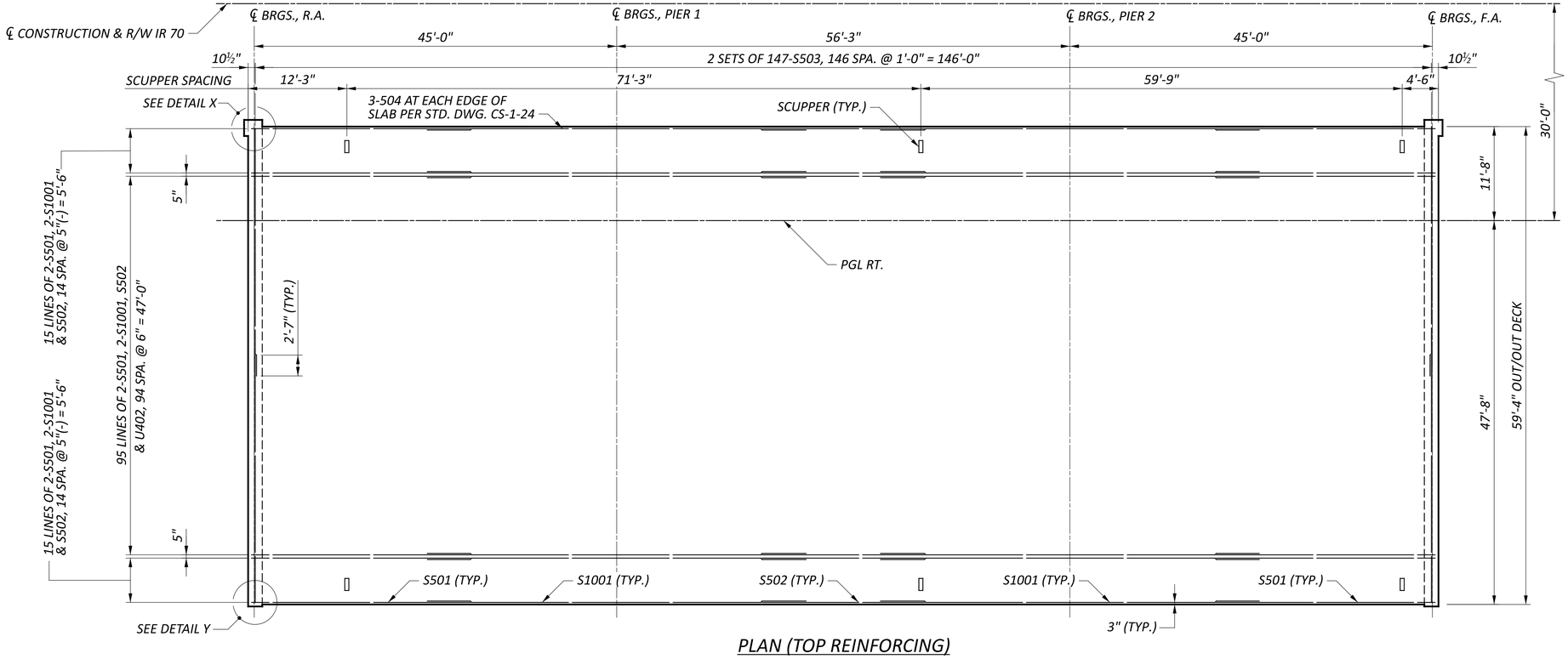
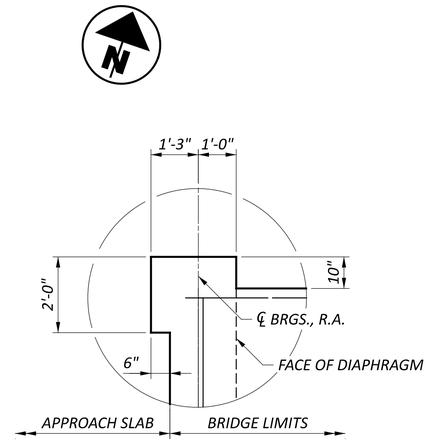
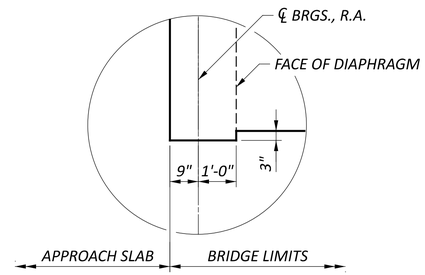


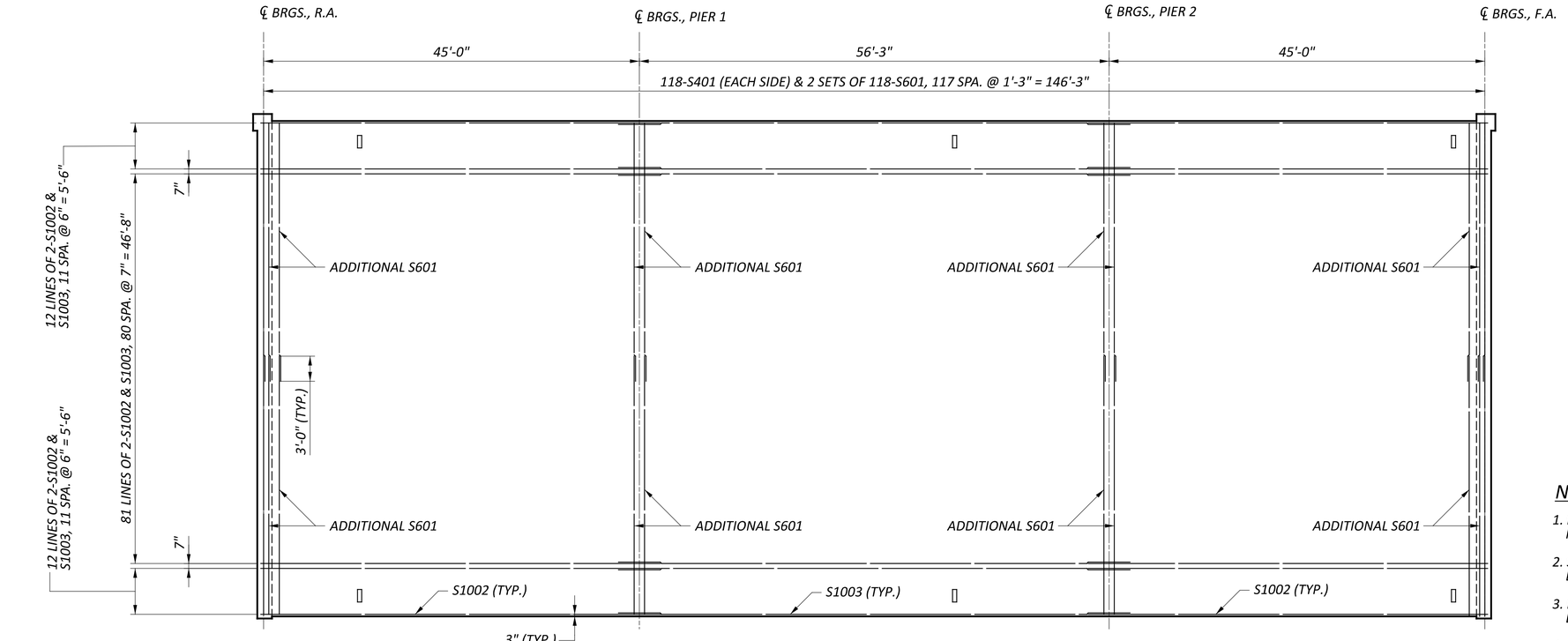
PLAN (TOP REINFORCING)



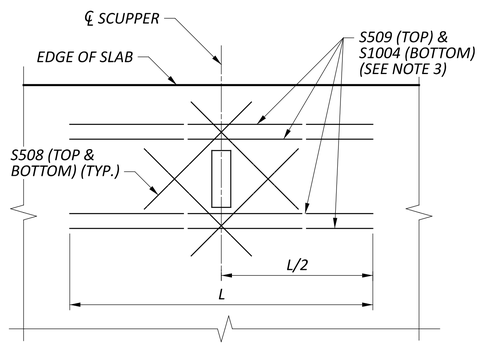
DETAIL X
F.A. OPPOSITE



DETAIL Y
F.A. OPPOSITE



PLAN (BOTTOM REINFORCING)



TYPICAL SCUPPER ADDITIONAL DECK REINFORCEMENT DETAIL
MAIN SLAB REINFORCEMENT NOT SHOWN

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S401 BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S601 BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. REINFORCEMENT SHALL BE BUNDLED WITH ADJACENT LONGITUDINAL REINFORCEMENT.
4. TRIM REINFORCING STEEL AT SCUPPER AS NEEDED TO MAINTAIN CLEARANCE.

SLAB REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 8-19-26

PROJECT ID: 96808

SUBSET	TOTAL
13	23

SHEET	TOTAL
P.1530	P.2024

FAI/LIC-IR 70-0.00/0.00

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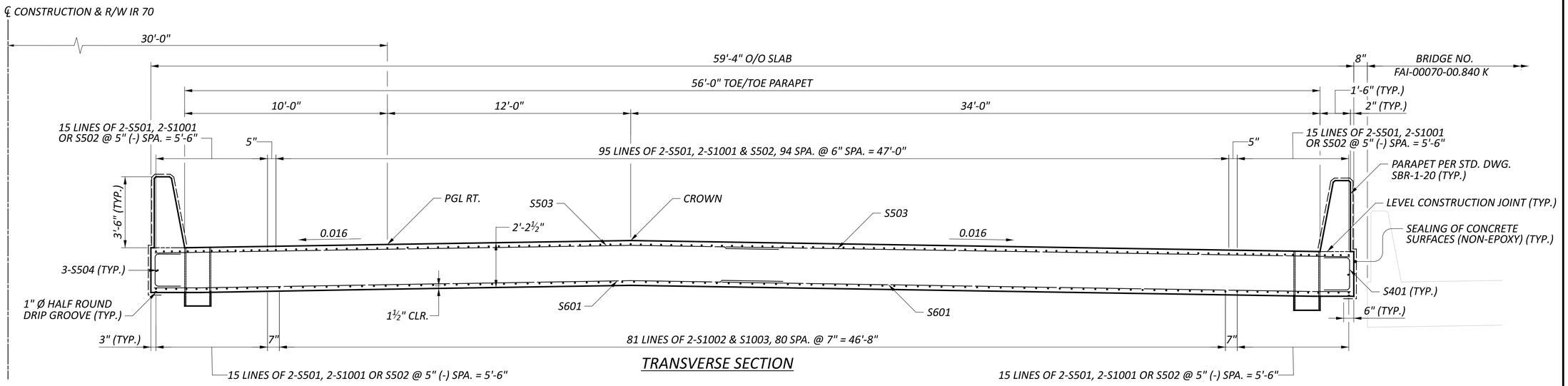

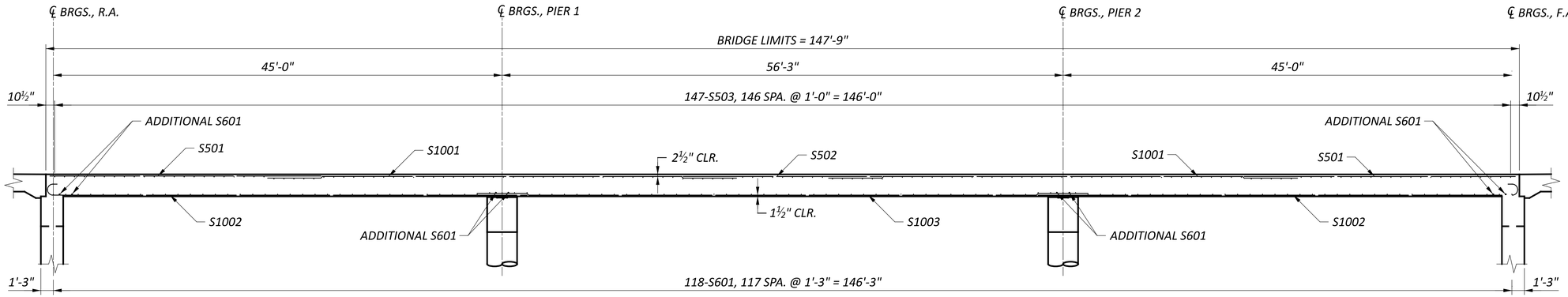

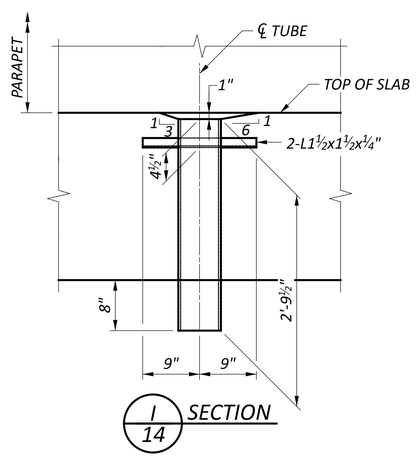

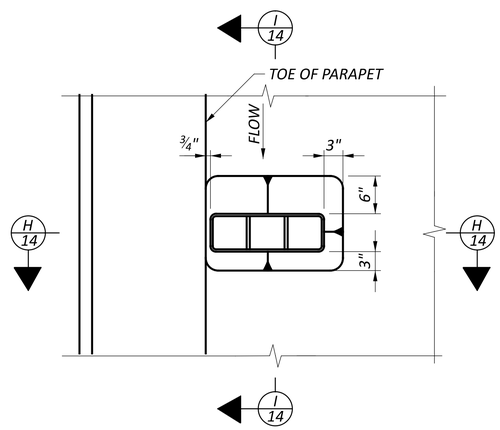

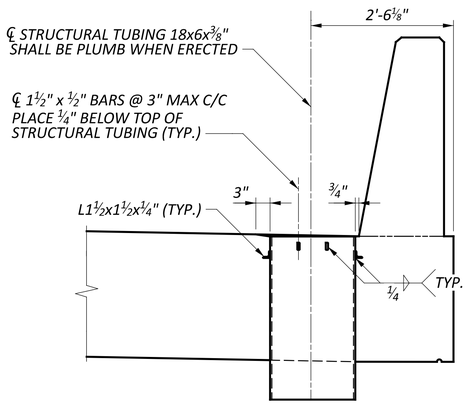

NOTE

REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.

TRANSVERSE SECTION AND SLAB ELEVATION BRIDGE NO. FAI-00070-00.840 R IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	14
TOTAL	23
SHEET	P.1531
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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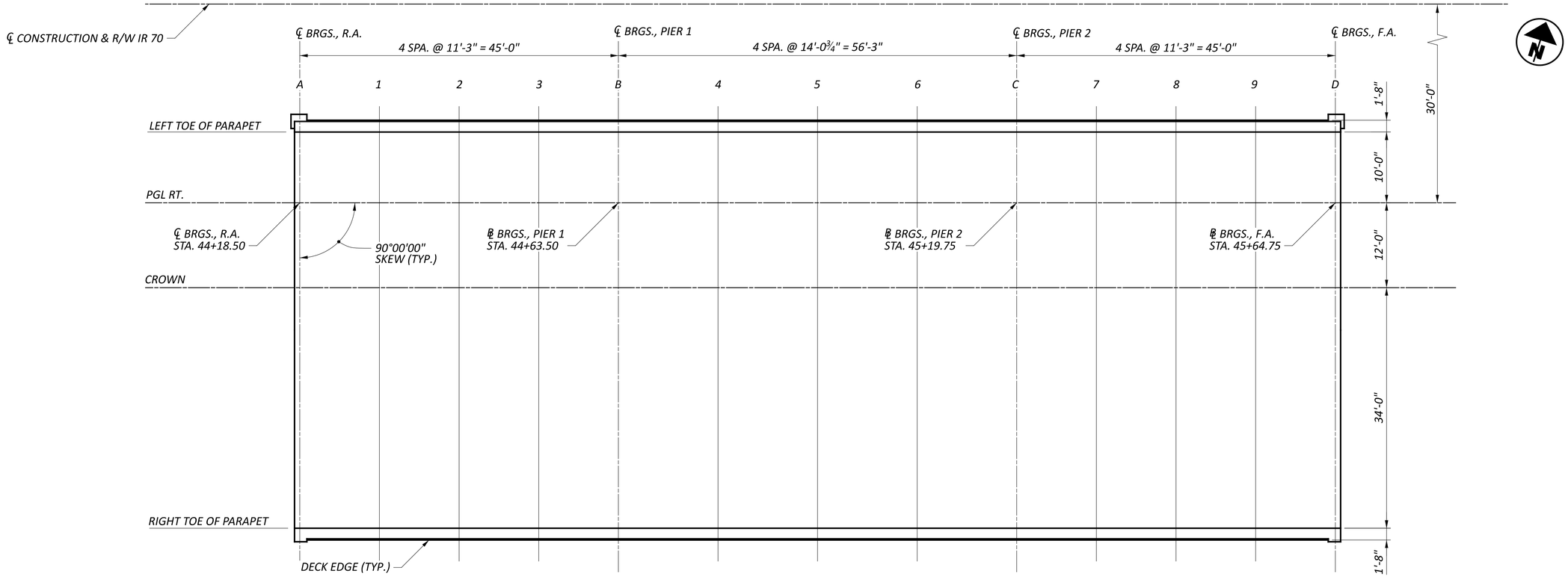
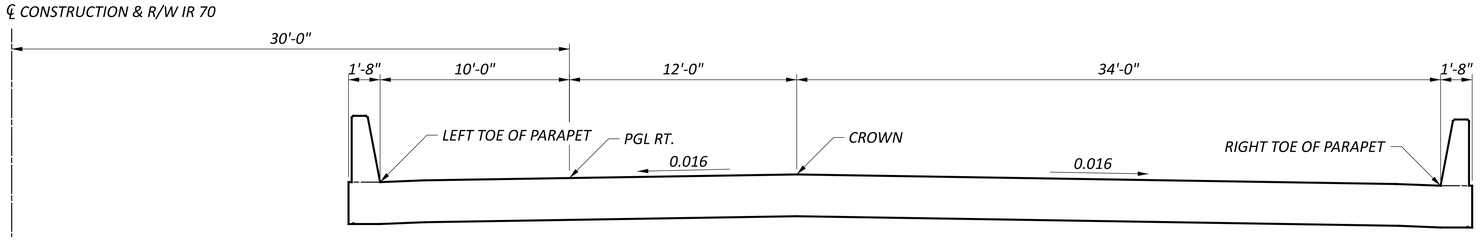


PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)															
LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.65	835.61	835.58	835.56	835.53	835.52	835.51	835.51	835.51	835.52	835.54	835.56	835.59
PGL RT.	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.81	835.77	835.74	835.72	835.69	835.68	835.67	835.67	835.67	835.68	835.70	835.72	835.75
CROWN	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	836.00	835.96	835.93	835.91	835.89	835.87	835.86	835.86	835.86	835.88	835.89	835.91	835.94
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	835.46	835.42	835.39	835.36	835.34	835.32	835.31	835.31	835.32	835.33	835.35	835.37	835.40

NOTE

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER GDJ 8-19-26

PROJECT ID 96808

SUBSET	TOTAL
15	23

SHEET	TOTAL
P.1532	P.2024

FAI/LIC-IR 70-0.00/0.00

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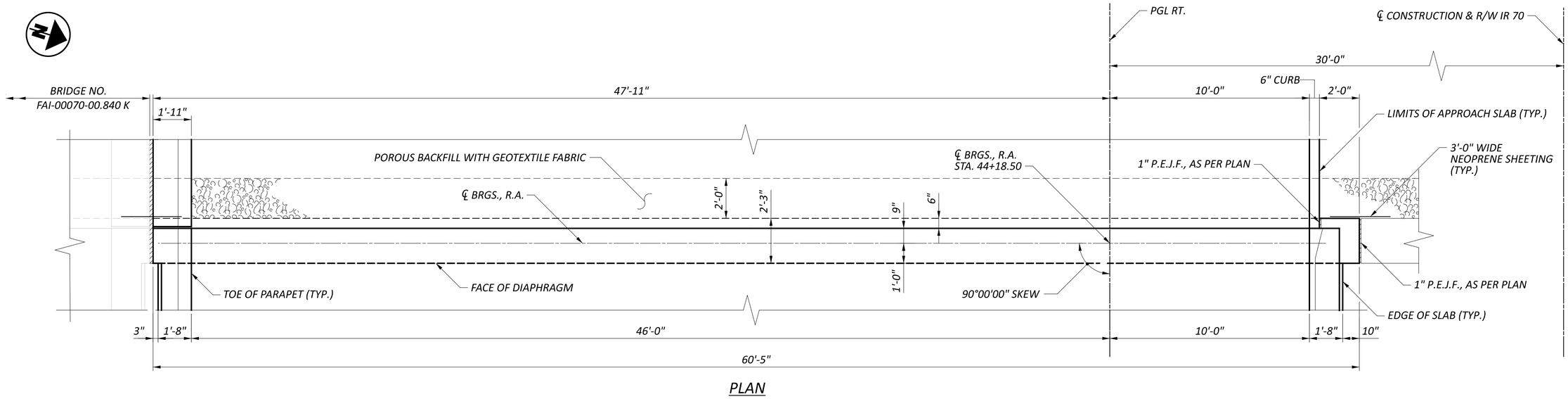
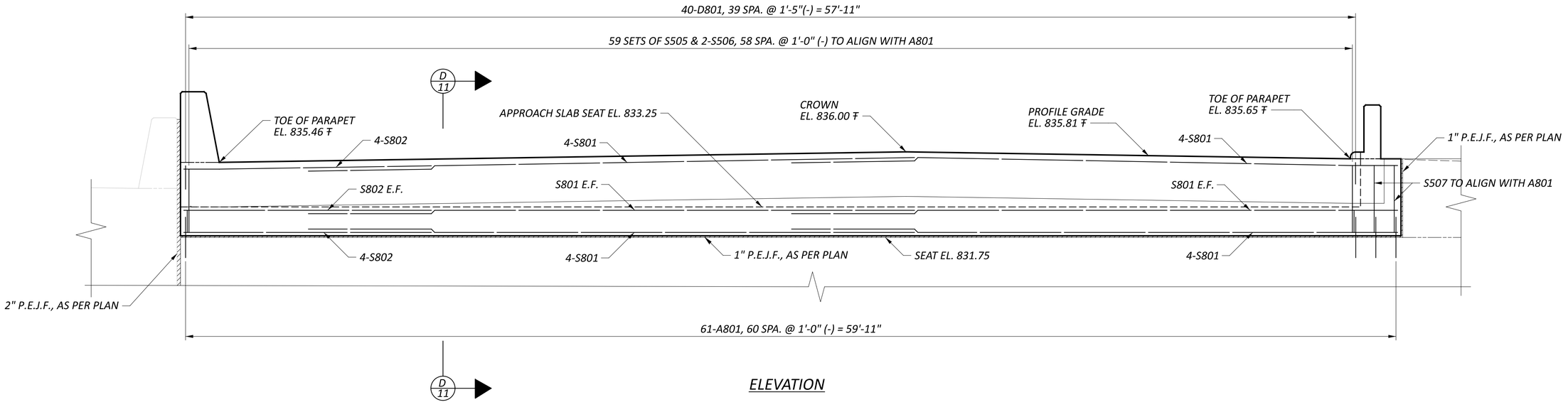


PLAN



ELEVATION

LEGEND

₸ - ELEVATION TAKEN AT BRIDGE LIMIT

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 73 INCHES

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	16
TOTAL	23
SHEET	P.1533
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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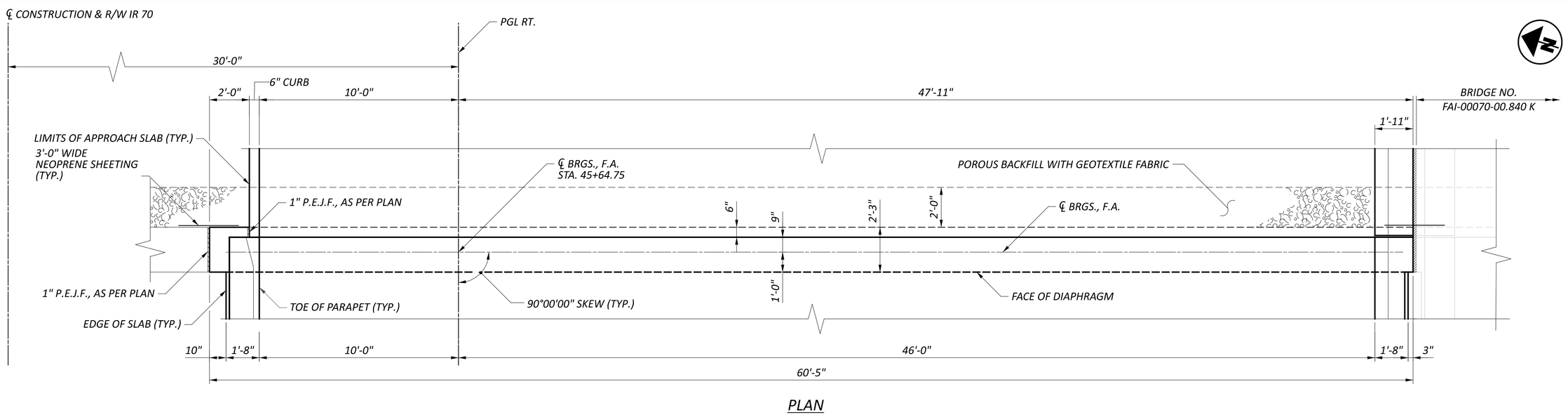

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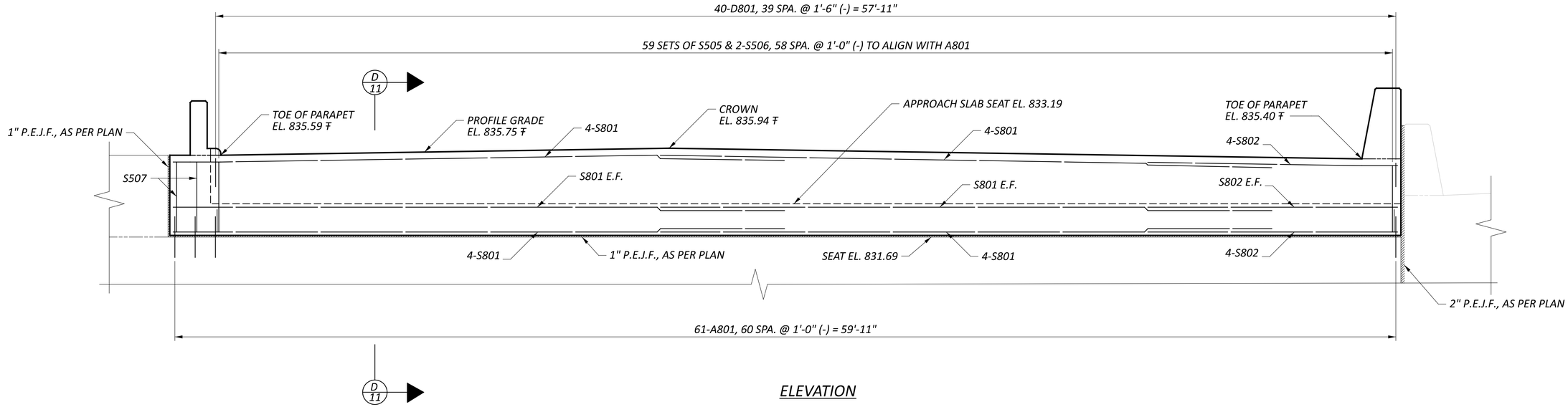

ELEVATION

LEGEND

Ŧ - ELEVATION TAKEN AT BRIDGE LIMIT

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.

2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 73 INCHES

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 8-19-26

PROJECT ID: 96808

SUBSET	TOTAL
17	23

SHEET	TOTAL
P.1534	P.2024

FAI/LIC-IR 70-0.00/0.00

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LEGEND

E.F -EACH FACE

N.F -NEAR FACE

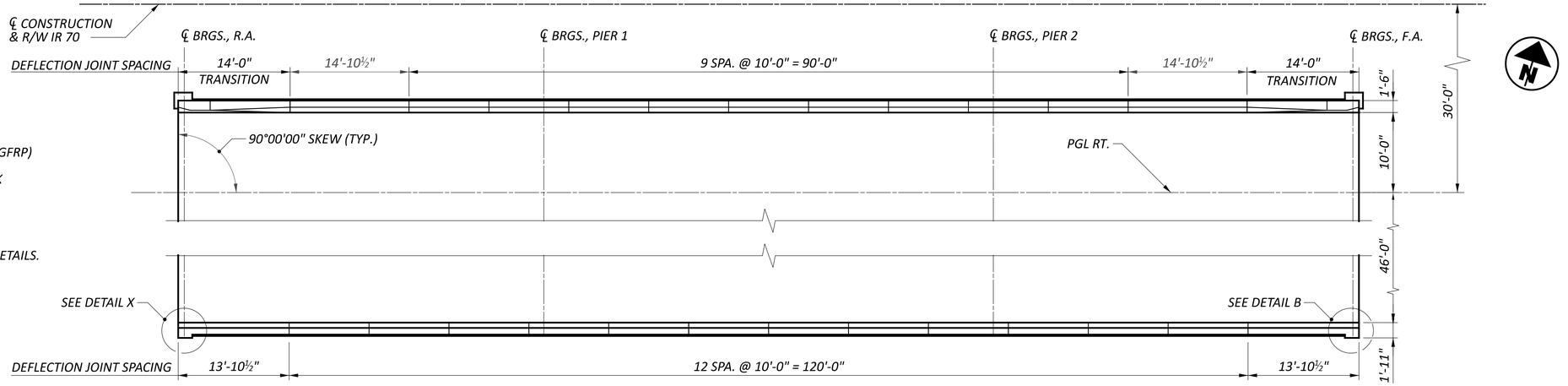
F.F -FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING OF BRIDGE DECK

NOTE

REFER TO STD.DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.



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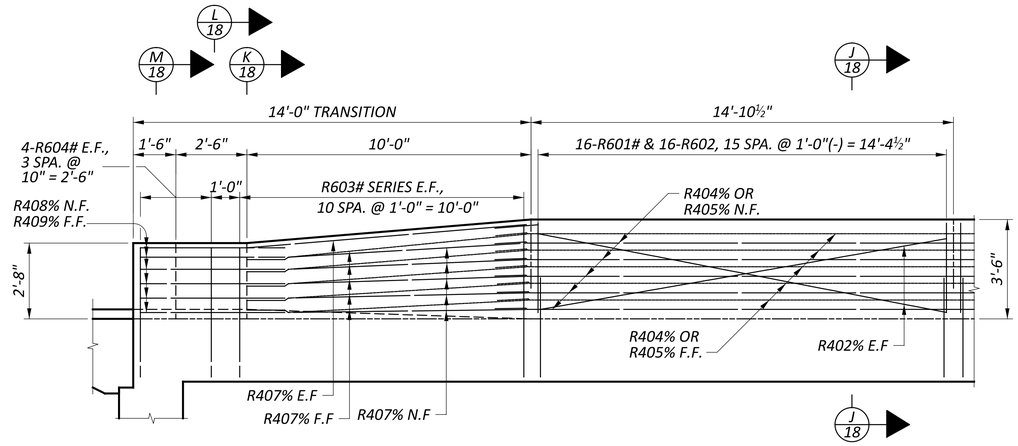
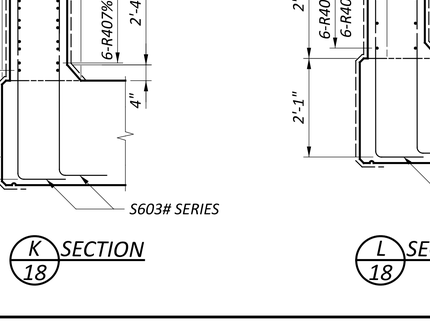


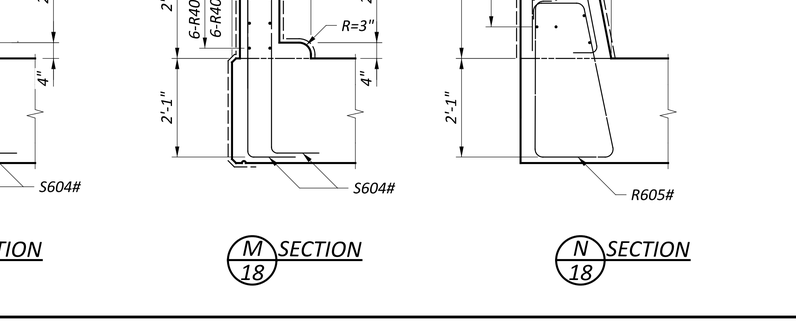
LEFT PARAPET TRANSITION ELEVATION & TYPICAL 14'-10½" PANEL ELEVATION

VIEWED ALONG INSIDE FACE, REAR SHOWN, FORWARD OPPOSITE



TYPICAL 10'-0" PANEL

VIEWED ALONG INSIDE FACE



TYPICAL 13'-10½" PANEL

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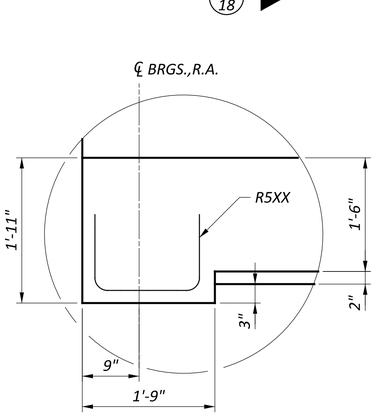
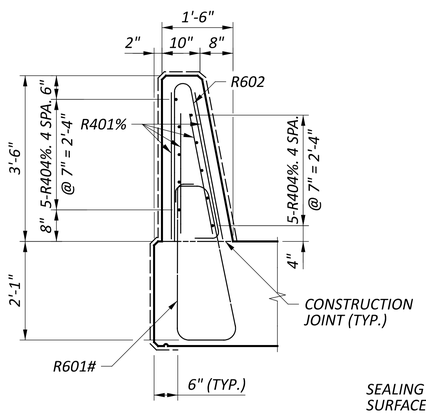
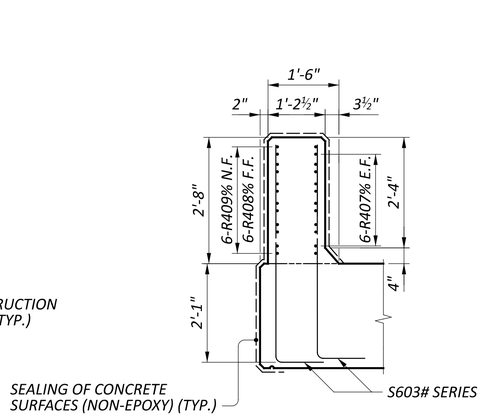


DETAIL B

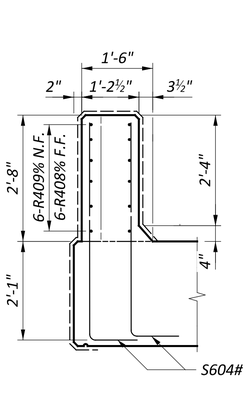
REAR SHOWN, FORWARD OPPOSITE



J 18 SECTION



K 18 SECTION



L 18 SECTION

M 18 SECTION

N 18 SECTION

FAI/LIC-IR 70-0.00/0.00

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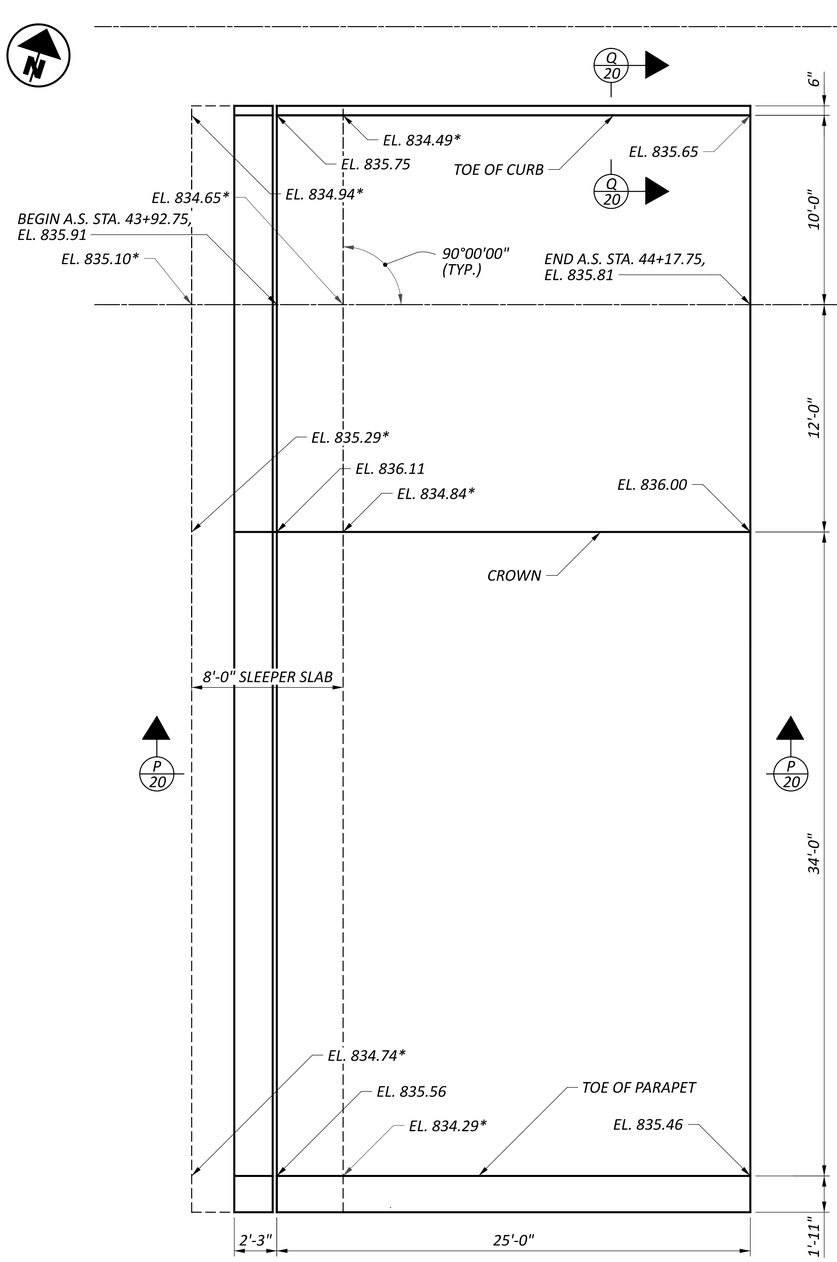
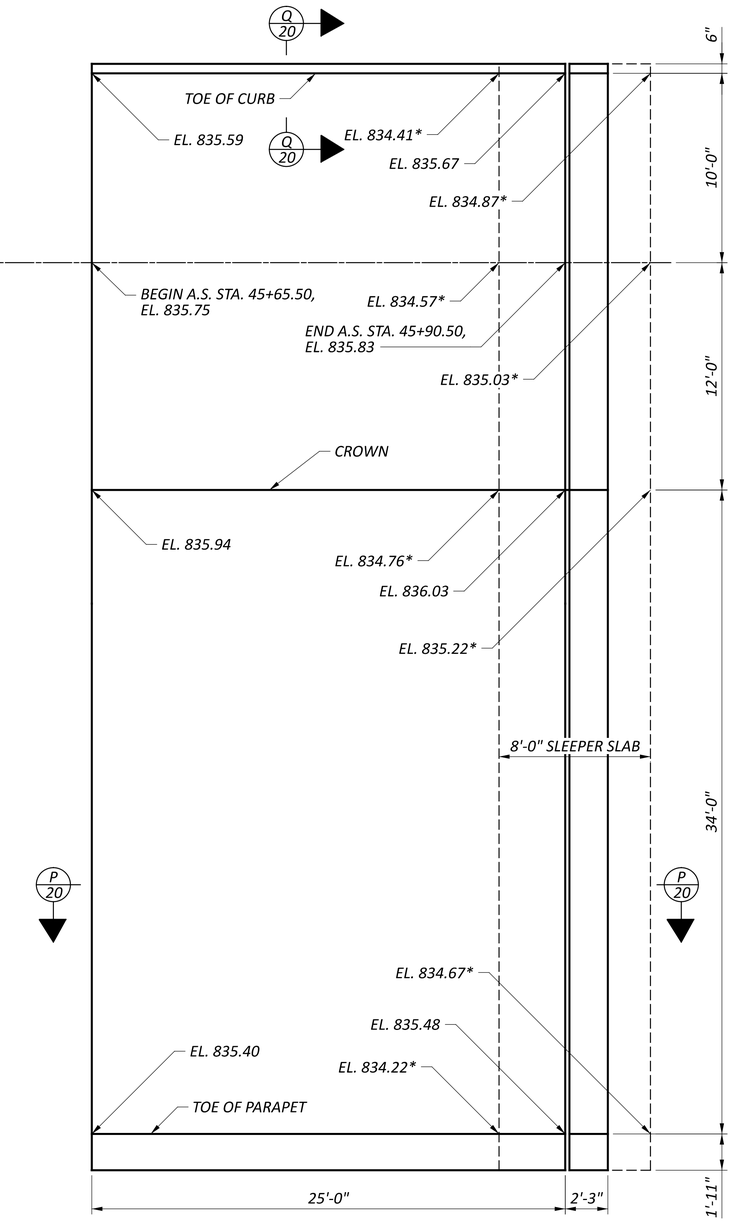
PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Engineering
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	18
TOTAL	23
SHEET	P.1535
TOTAL	P.2024



REAR APPROACH SLAB PLAN



FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTE

REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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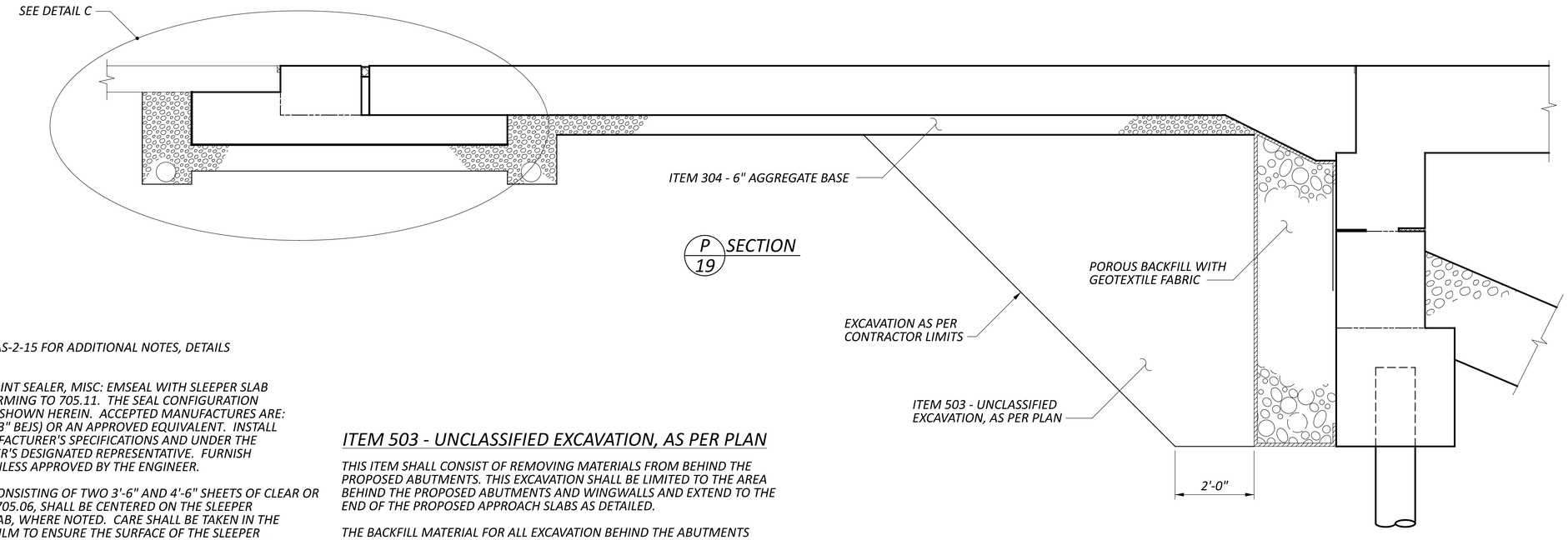
SFN	2301599
DESIGN AGENCY	CARPENTER MARTY Transportation
DESIGNER	MME
CHECKER	AMR
REVIEWER	GDJ 8-19-26
PROJECT ID	96808
SUBSET	19
TOTAL	23
SHEET	P.1536
TOTAL	P.2024



P 19 SECTION

NOTES

1. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES, DETAILS AND DIMENSION "A" TABLE.

2. ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HEREIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTINUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

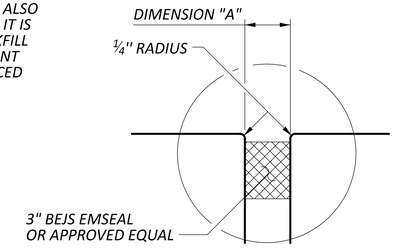
3. BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 3'-6" AND 4'-6" SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

4. PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CLASS QC2 WITH QC/QA CONCRETE SLEEPER SLAB, RESTEEL AND ALL LABOR, MATERIALS AND INCIDENTALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER C&MS ITEM 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

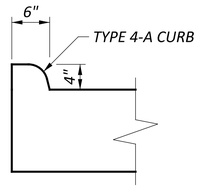
ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

THIS ITEM SHALL CONSIST OF REMOVING MATERIALS FROM BEHIND THE PROPOSED ABUTMENTS. THIS EXCAVATION SHALL BE LIMITED TO THE AREA BEHIND THE PROPOSED ABUTMENTS AND WINGWALLS AND EXTEND TO THE END OF THE PROPOSED APPROACH SLABS AS DETAILED.

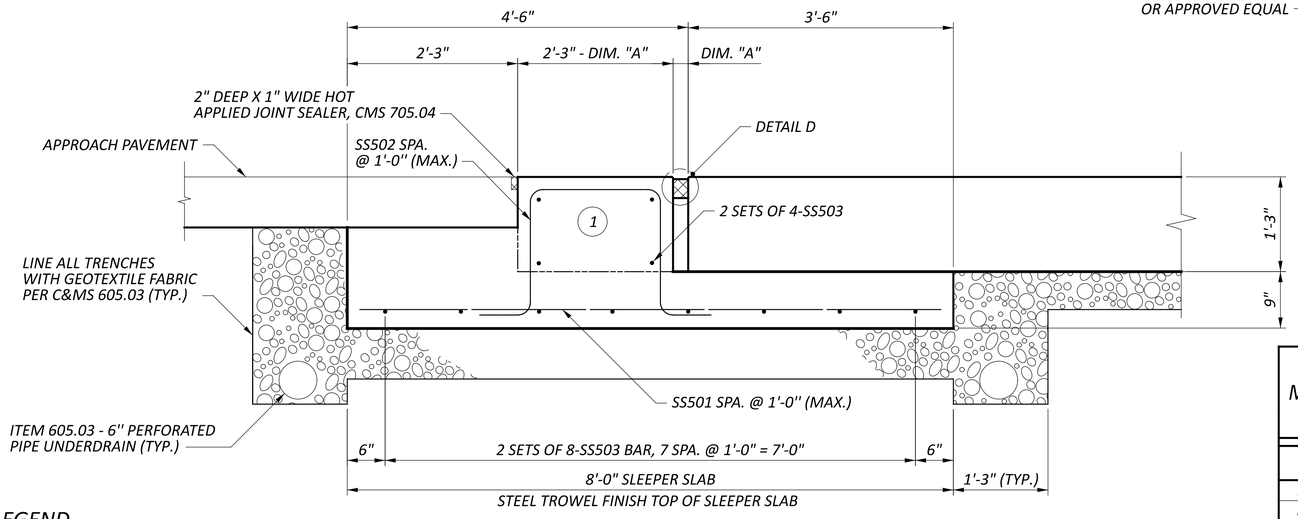
THE BACKFILL MATERIAL FOR ALL EXCAVATION BEHIND THE ABUTMENTS AND UNDER THE APPROACH SLABS SHALL BE LOW STRENGTH MORTAR BACKFILL (LSM). LSM, TYPE 1 SHALL CONFORM TO C&MS SECTION 613 AND BE PLACED WITHIN THE LIMITS OF THE APPROACH SLABS AND IT MAY ALSO BE USED TO CONSTRUCT THE SLOPES IN THIS SAME AREA AS LONG AS IT IS COVERED WITH ONE FOOT OF SOIL. THE AREA FOR THE POROUS BACKFILL WITH GEOTEXTILE FABRIC SHALL BE FORMED PRIOR TO THE PLACEMENT OF THE LSM, TYPE 1 BACKFILL. THE GEOTEXTILE FABRIC SHALL BE PLACED AFTER THE LSM HAS CURED AND THE FORMS HAVE BEEN REMOVED.



DETAIL D



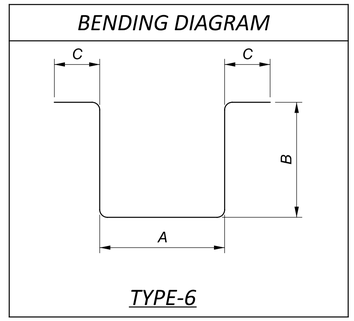
Q 19 SECTION



DETAIL C

LEGEND

(1) - THIS PORTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED.



TYPE-6

MARK	MATERIAL TYPE	NUMBER REAR	NUMBER FWD	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)										
SS501	GSR	58	58	116	7'-8"	928	STR			
SS502	GSR	58	58	116	5'-8"	686	6	1'-8"	1'-7"	8"
SS503	GSR	24	24	48	30'-4"	1519	STR			
					SLEEPER SLAB GSR SUB-TOTAL	3133				

APPROACH SLAB AND SLEEPER SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER MME | CHECKER AMR
REVIEWER GDJ 8-19-26
PROJECT ID 96808
SUBSET 20 | TOTAL 23
SHEET P.1537 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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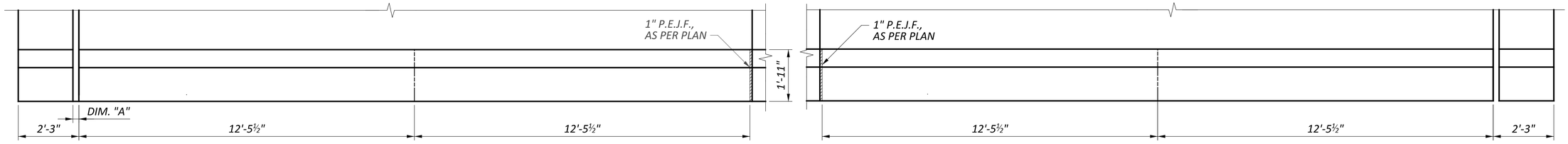
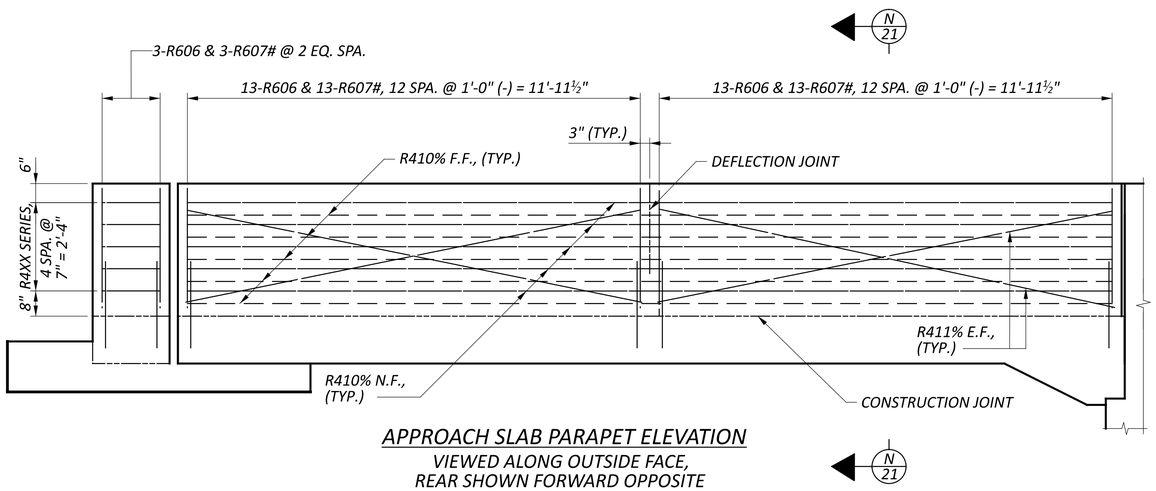
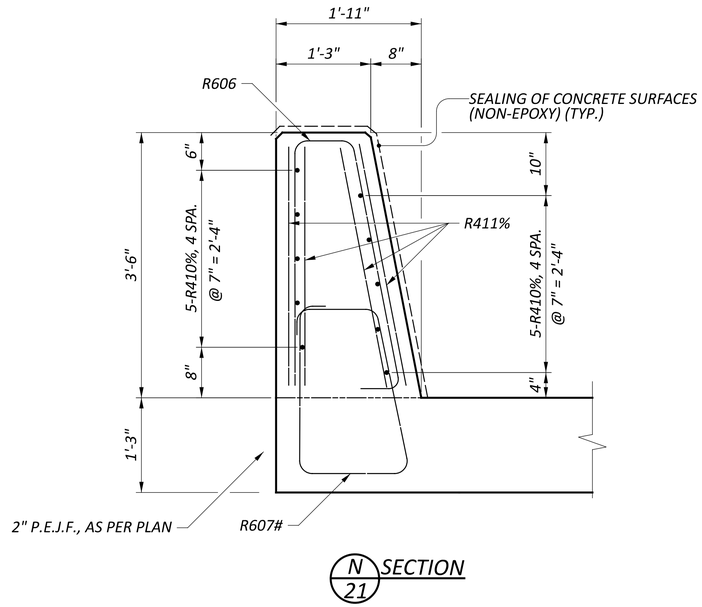


RIGHT REAR APPROACH SLAB PARAPET PLAN

RIGHT FORWARD APPROACH SLAB PARAPET PLAN



APPROACH SLAB PARAPET ELEVATION
VIEWED ALONG OUTSIDE FACE,
REAR SHOWN FORWARD OPPOSITE



SECTION

NOTE

REFER TO STD. DWG. AS-2-15 FOR DIMENSION A.

LEGEND

E.F -EACH FACE

N.F -NEAR FACE

F.F -FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING OF APPROACH SLAB

APPROACH SLAB PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER
GDJ 8-19-26

PROJECT ID
96808

SUBSET	TOTAL
21	23

SHEET	TOTAL
P.1538	P.2024

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
SUPERSTRUCTURE GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
RAILING GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS						
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC
PIERS (GALVANIZED STEEL REINFORCEMENT - GSR)																
	GSR															
PIER GSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 23/23 FOR BENDING DIAGRAMS.

REINFORCING STEEL LIST
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
SMH	AMR

REVIEWER
GDJ 8-19-26

PROJECT ID
96808

SUBSET	TOTAL
22	23

SHEET	TOTAL
P.1539	P.2024

FAI/LIC-IR 70-0.00/0.00

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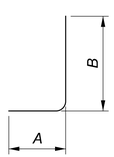
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)														
	GSR													
ABUTMENT GSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

BENDING DIAGRAM



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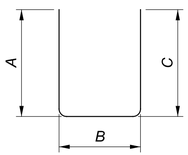

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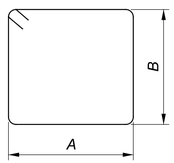
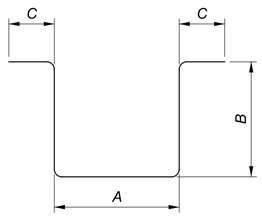


TYPE-3



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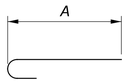
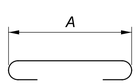


TYPE-16



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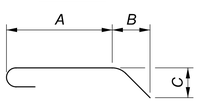

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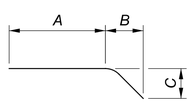

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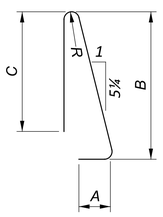

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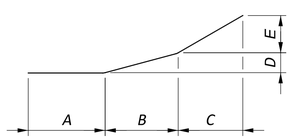

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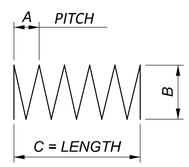

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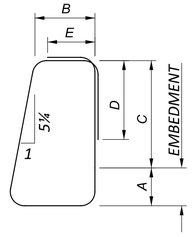

TYPE-37

REINFORCING STEEL LIST
BRIDGE NO. FAI-00070-00.840 R
IR 70 OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301599

DESIGN AGENCY
CARPENTER MARTY transportation

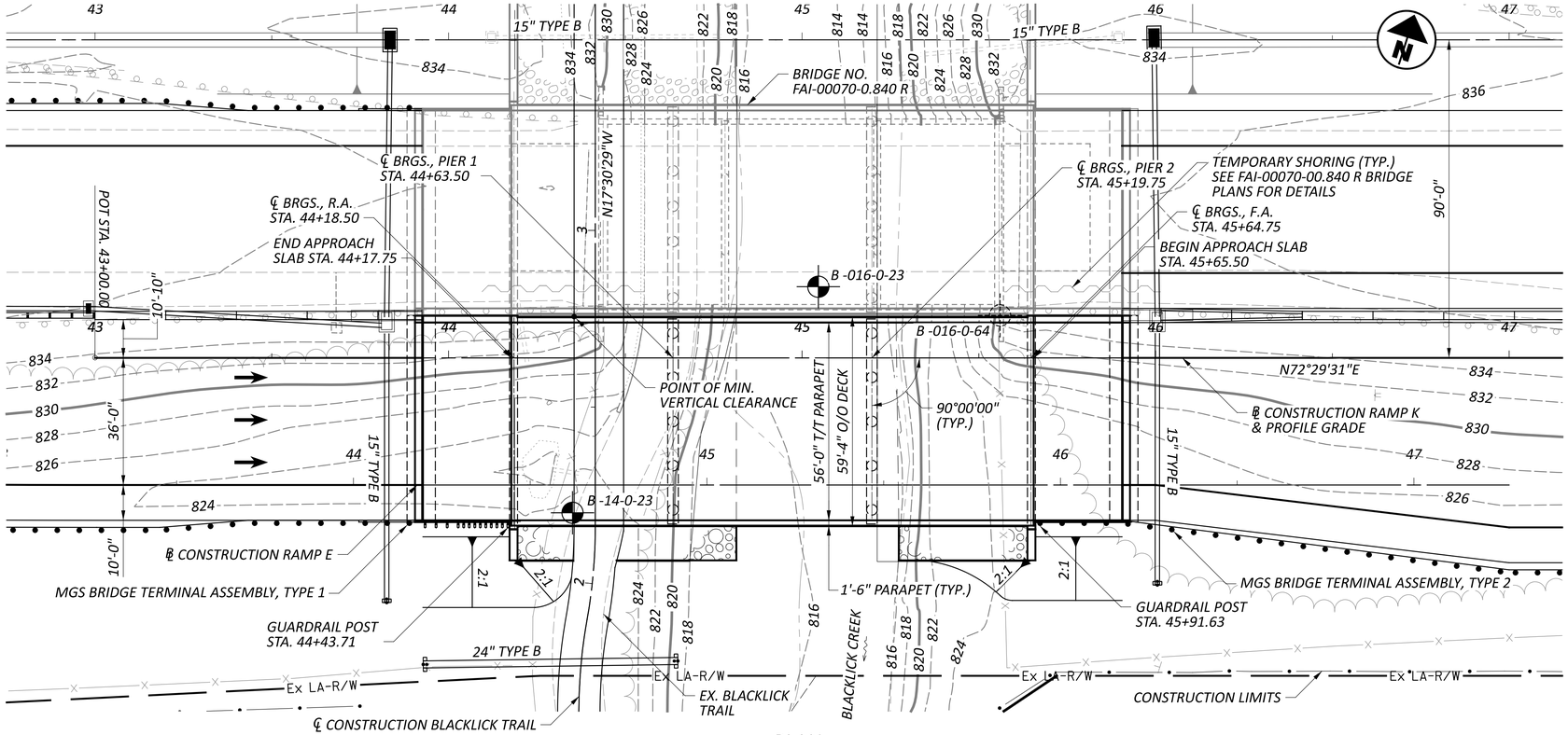
DESIGNER	CHECKER
SMH	AMR

REVIEWER: GDJ 8-19-26

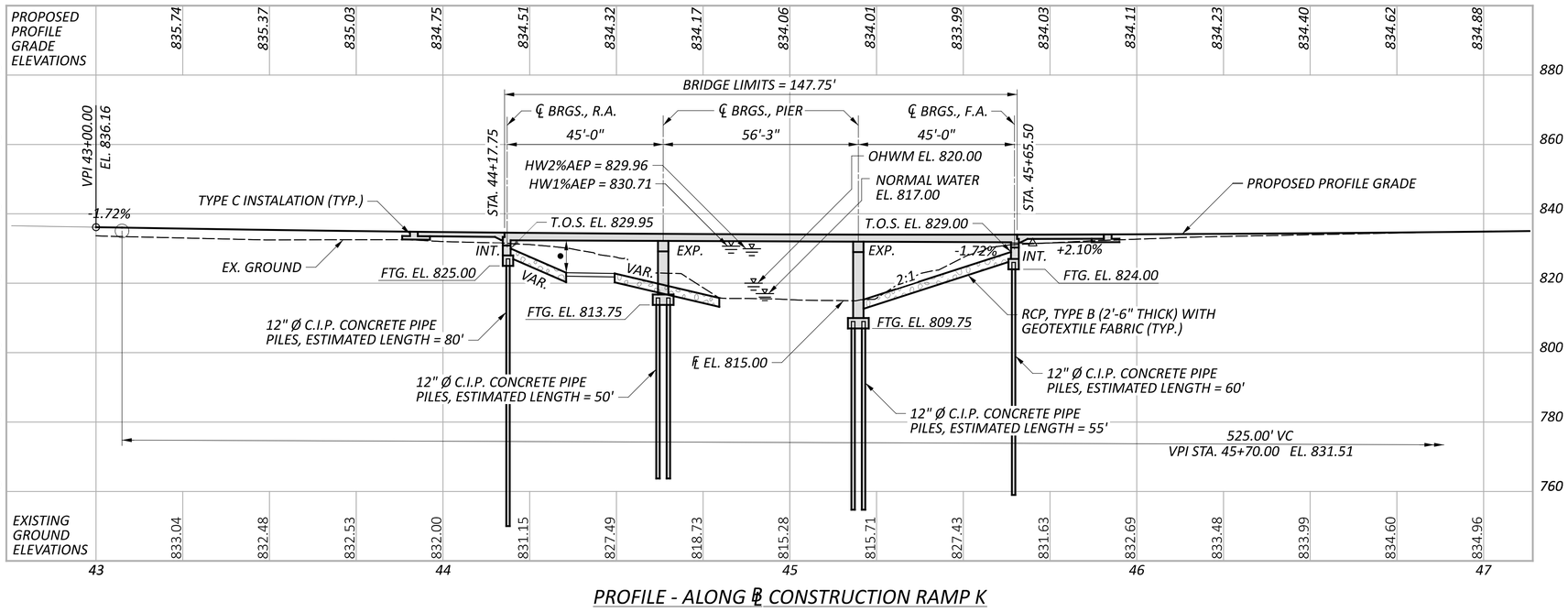
PROJECT ID: 96808

SUBSET	TOTAL
23	23

SHEET	TOTAL
P.1540	P.2024



PLAN



PROFILE - ALONG ℄ CONSTRUCTION RAMP K

CONTROL POINT DATA

CP 2007 STA.	29+06.08	ELEV.	861.79	OFFSET	109.12'	RT.
CP 2008 STA.	35+84.10	ELEV.	851.61	OFFSET	113.98'	RT.
CP 2009 STA.	76+56.01	ELEV.	890.18	OFFSET	141.75'	LT.

FOR ADDITIONAL CONTROL POINT INFORMATION SEE ROADWAY PLAN SHEET P.0020 / P.2024.

NOTES

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

2. DESIGN TRAFFIC:
2030 ADT = 19370 2030 ADTT = 780
2050 ADT = 26770 2050 ADTT = 1070
DIRECTIONAL DISTRIBUTION = 60%

3. A PORTION OF THE EXISTING RIGHT BRIDGE WILL BE REMOVED PRIOR TO CONSTRUCTION OF THIS BRIDGE. SEE FAI-00070-00.840 R PLANS FOR REMOVAL DETAILS.

LEGEND

- 9'-0" PREFERRED MINIMUM VERTICAL CLEARANCE
  8'-9⅛" ACTUAL MINIMUM VERTICAL CLEARANCE
- PROJECT BORING LOCATION
- HISTORIC BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 42.27 SQ. MILES
Q (2% AEP) = 8,696 CFS (FIS) V (2% AEP) = 8.18 FT/S
Q (1% AEP) = 10,000 CFS (FIS) V (1% AEP) = 8.84 FT/S
STRUCTURE CLEARS THE 2% AEP DESIGN BY 1.90 FEET.

SUPERELEVATION TRANSITION

STA.	CROSS SLOPE
43+22.98	0.016 FT/FT
44+66.98	0.000 FT/FT
46+10.98	-0.016 FT/FT

PROPOSED STRUCTURE

TYPE: 3 SPAN CONTINUOUS REINFORCED CONCRETE SLAB SUPPORTED ON REINFORCED CONCRETE ABUTMENTS AND CAP AND COLUMN PIERS
SPANS: 45'-0", 56'-3", 45'-0" C/C BEARINGS
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: NONE
APPROACH SLABS: 25'-0" LONG, 15" THICK (AS-1-15, AS-2-15 TYPE C, MODIFIED)
ALIGNMENT: TANGENT
SUPERELEVATION: VARIES FT/FT
DECK AREA: 8,766 SF
COORDINATES: LATITUDE 39°55'54.4" N
LONGITUDE 82°47'45.0" W

HORIZONTAL SCALE IN FEET
0 10 20 40

SITE PLAN
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY engineering
DESIGNER	BWR
CHECKER	AMR
REVIEWER	GDJ 8-20-26
PROJECT ID	96808
SUBSET	1
TOTAL	19
SHEET	P.1541
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1-20-2023
AS-2-15	REVISED	7-21-2023
CPA-1-08	REVISED	1-19-2024
CS-1-24	REVISED	1-16-2026
SBR-1-20	REVISED	7-19-2024

DESIGN LOADING

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.06 KIPS/FT²

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2024.

OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE AND PIER CAP)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (SUBSTRUCTURES, SUPERSTRUCTURE, APPROACH SLABS, SLEEPER SLABS)

GFRP REINFORCEMENT (PARAPET)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE (UBV) IS 267 KIPS PER PILE FOR THE REAR ABUTMENT. THE UBV IS 336 KIPS PER PILE FOR THE PIER 1 PILES. THE UBV IS 323 KIPS PER PILE FOR THE PIER 2 PILES. THE UBV FOR THE REAR ABUTMENT INCLUDES AN ADDITIONAL 10 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 1 INCLUDES AN ADDITIONAL 14 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 7 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. THE UBV FOR PIER 2 INCLUDES AN ADDITIONAL 1 KIP PER PILE DUE TO THE POSSIBILITY OF LOSING 7 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR.

REAR ABUTMENT PILES:
12 INCH DIAMETER PILES 85 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
12 INCH DIAMETER PILES 55 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 2 PILES:
12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12 INCH DIAMETER PILES 65 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.250" FOR THE ABUTMENTS AND PIER 2 CAST-IN-PLACE REINFORCED CONCRETE PILES, AND A WALL THICKNESS OF 0.312" FOR THE PIER 1 PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP

THE UBV IS 260 KIPS PER PILE FOR THE 12 INCH DIAMETER FORWARD ABUTMENT PILES. THE UBV FOR THE FORWARD ABUTMENT INCLUDES AN ADDITIONAL 3 KIPS PER PILE DUE TO THE POSSIBILITY OF LOSING 3 FT. OF FRICTIONAL RESISTANCE DUE TO SCOUR. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 60 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE FOR THE FORWARD ABUTMENT.

SCOUR ELEVATIONS

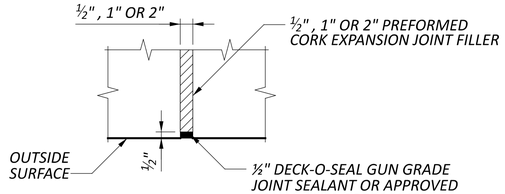
THE DESIGN FLOOD AND CHECK FLOOD SCOUR ELEVATIONS ARE PROVIDED BELOW:

	REAR ABUTMENT	PIER 1	PIER 2	FORWARD ABUTMENT
DESIGN FLOOD	819.98	805.92	805.92	822.98
CHECK FLOOD	823.00	805.67	805.67	826.00

ITEM 516 - ½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN

ALL ½" P.E.J.F., AS PER PLAN, 1" P.E.J.F., AS PER PLAN, AND 2" P.E.J.F., AS PER PLAN CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER ½" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE-JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION OR MAXIMUM EFFECTIVENESS.

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665



GENERAL NOTES
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: GDJ 8-20-26
PROJECT ID: 96808
SUBSET: 2 TOTAL: 19
SHEET: P.1542 TOTAL: P.2024

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DESIGN: DATE:		CHECK: DATE:		ESTIMATED QUANTITIES					
ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
				503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING	
				503	21301	LS	-	UNCLASSIFIED EXCAVATION, AS PER PLAN	16
				505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION	
				507	00500	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
				507	00550	0	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
				509	26000	0	LB	GALVANIZED STEEL REINFORCEMENT	
				509	30020	0	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
				511	33312	0	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
				511	34450	0	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
				511	41012	0	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
				511	43512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
				511	46512	0	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
				512	10050	0	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
				516	13201	0	SF	½" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	13601	0	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	13901	0	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	2
				516	14014	0	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
				516	14600	0	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: EMSEAL WITH SLEEPER SLAB	16
				516	42600	0	FT	ELASTOMERIC BEARING PAD, MISC.: 1.5" THICK ELASTOMERIC STRIP BEARING	8
				518	12500	0	EACH	SCUPPER, MISC.: SCUPPER, INCLUDING SUPPORTS	
				518	21200	0	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				518	40000	0	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				518	40010	0	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				523	20000	0	EACH	DYNAMIC LOAD TESTING	
				523	20500	0	EACH	RESTRIKE	
				526	25010	0	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15")	

ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: GDJ 8-20-26

PROJECT ID: 96808

SUBSET	TOTAL
3	19

SHEET	TOTAL
P.1543	P.2024

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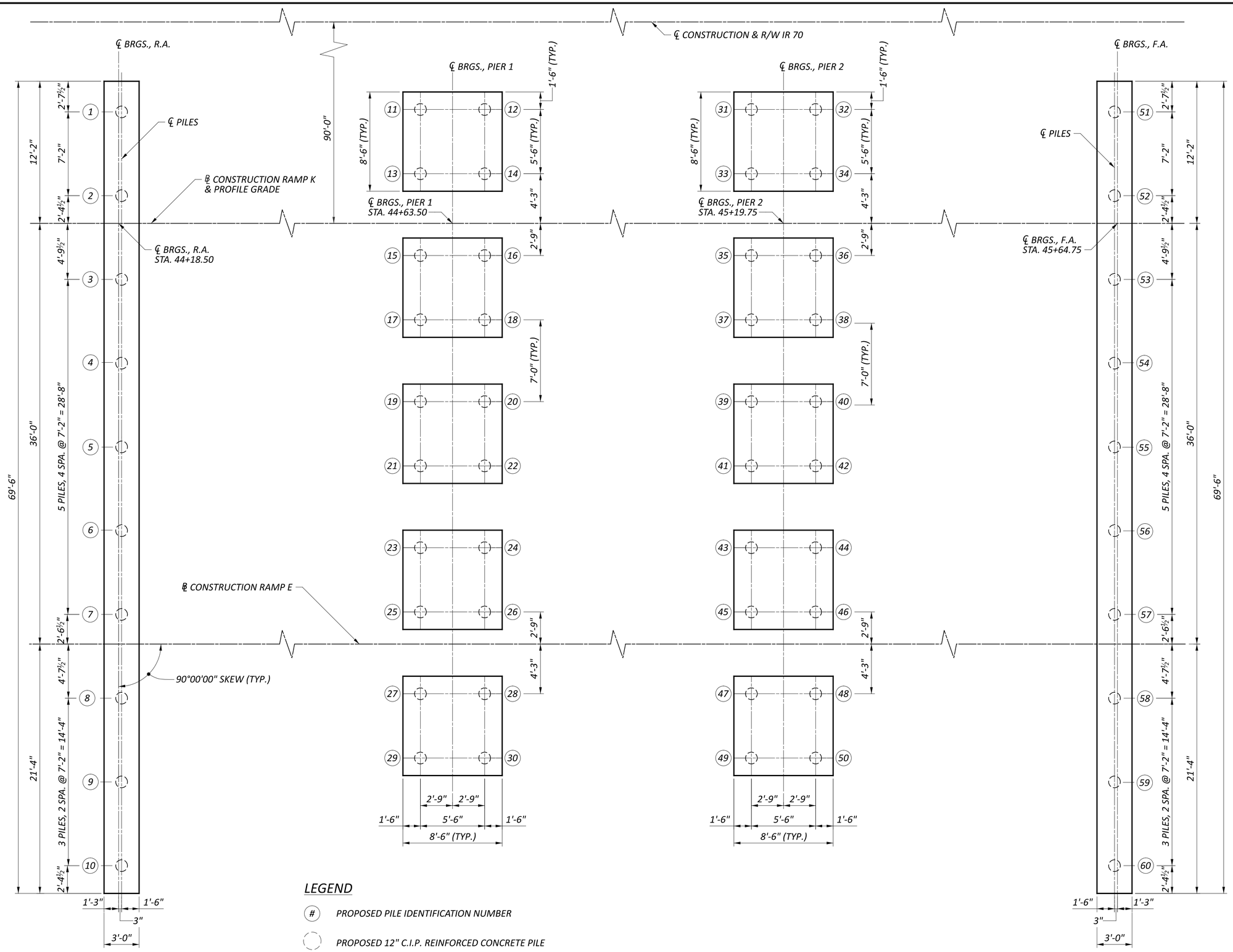

LEGEND

(#) PROPOSED PILE IDENTIFICATION NUMBER

PROPOSED 12" C.I.P. REINFORCED CONCRETE PILE

FOUNDATION PLAN
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301565

DESIGN AGENCY CARPENTER MARTY

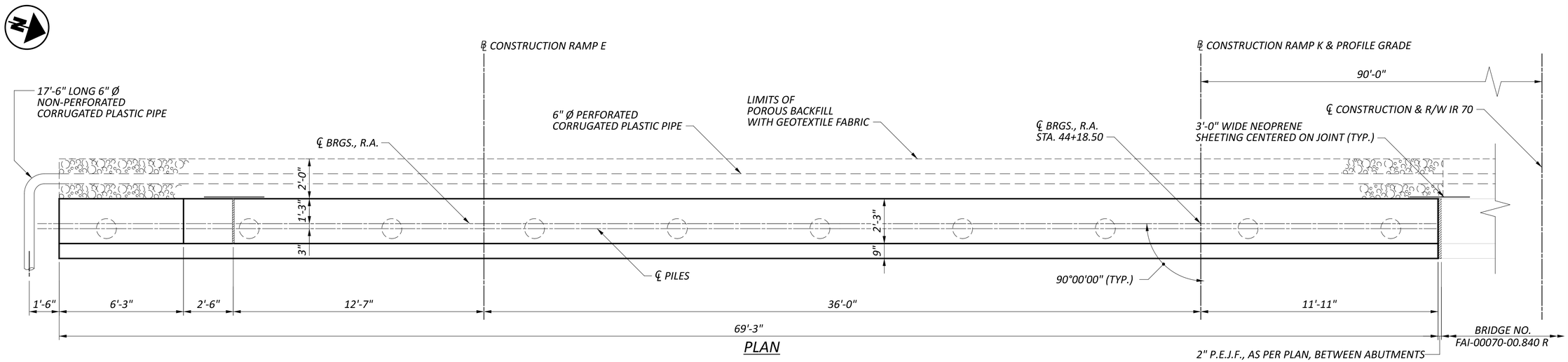
DESIGNER	CHECKER
CEH	AMR

REVIEWER GDJ 8-20-26

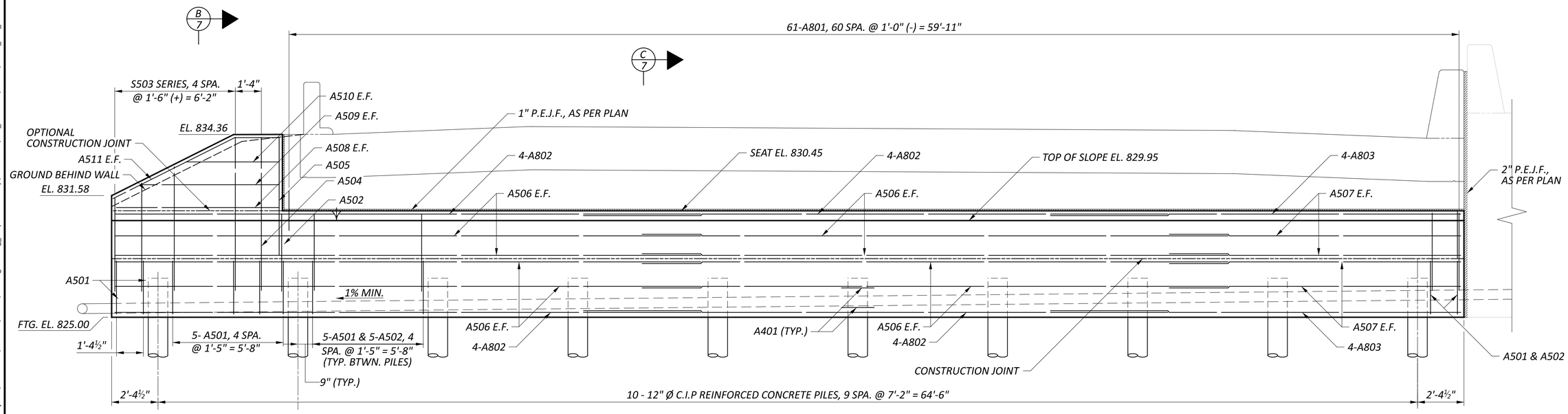
PROJECT ID 96808

SUBSET	TOTAL
4	19

SHEET	TOTAL
P.1544	P.2024



PLAN



ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 12/19 FOR DIAPHRAGM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 36 INCHES
   #8 BAR = 73 INCHES
4. REFER TO SHEET 4/19 FOR PILE NUMBERING

LEGEND

E.F. - EACH FACE

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY: CARPENTER MARTY transportation
DESIGNER: CEH | CHECKER: AMR
REVIEWER: GDJ 8-20-26
PROJECT ID: 96808
SUBSET: 5 | TOTAL: 19
SHEET: P.1545 | TOTAL: P.2024

FAI/LIC-IR 70-0.00/0.00

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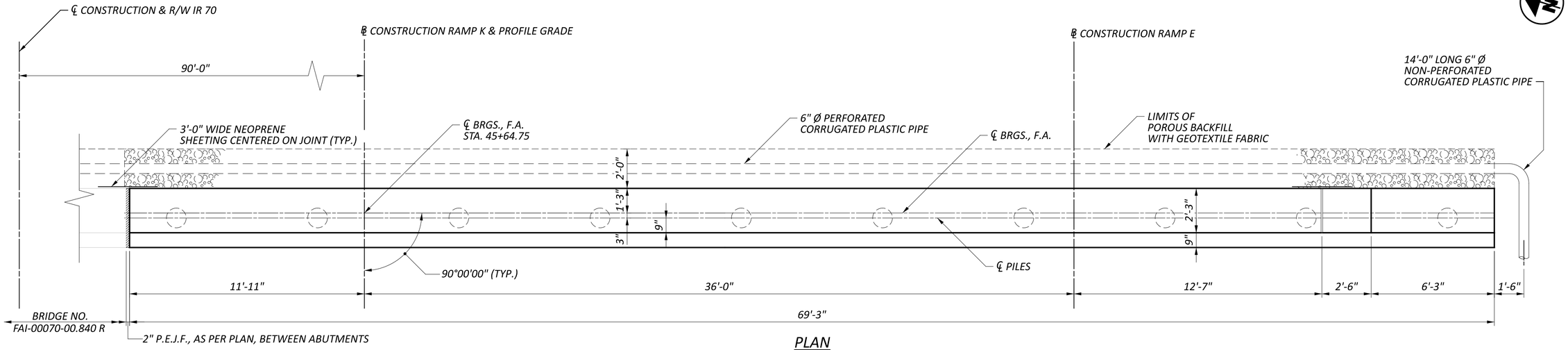

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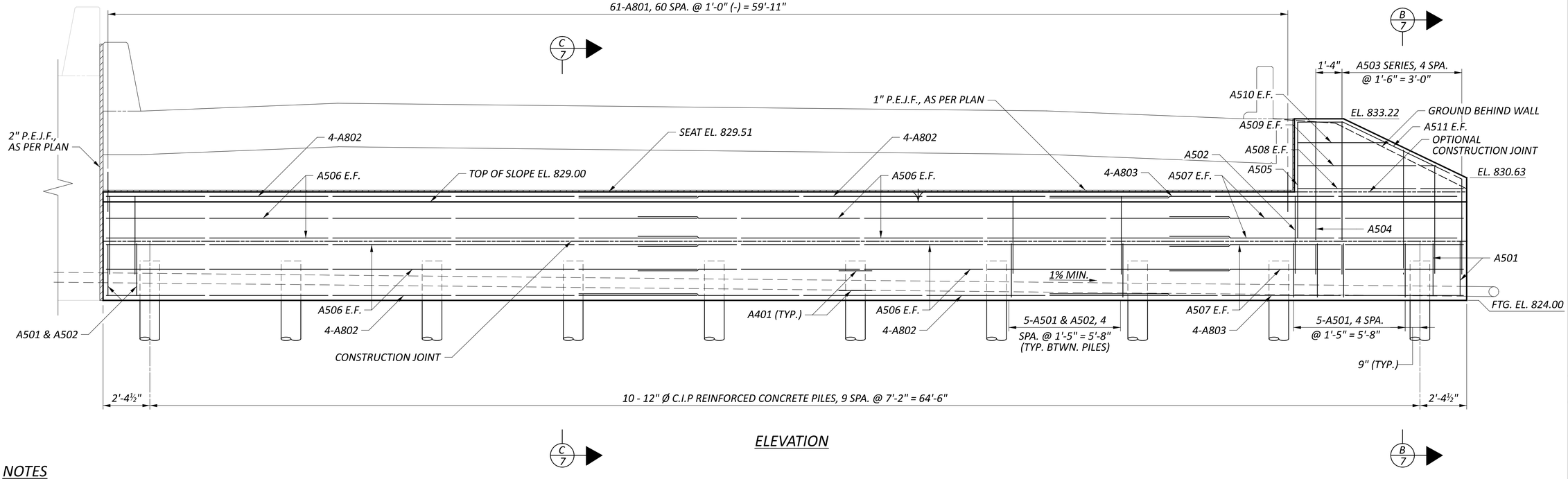

ELEVATION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEET 12/19 FOR DIAPHRAGM DETAILS.
3. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 36 INCHES
   #8 BAR = 73 INCHES
4. REFER TO SHEET 4/19 FOR PILE NUMBERING.

LEGEND

E.F. - EACH FACE

FORWARD ABUTMENT PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER CEH | CHECKER AMR
REVIEWER GDJ 8-20-26
PROJECT ID 96808
SUBSET 6 | TOTAL 19
SHEET P.1546 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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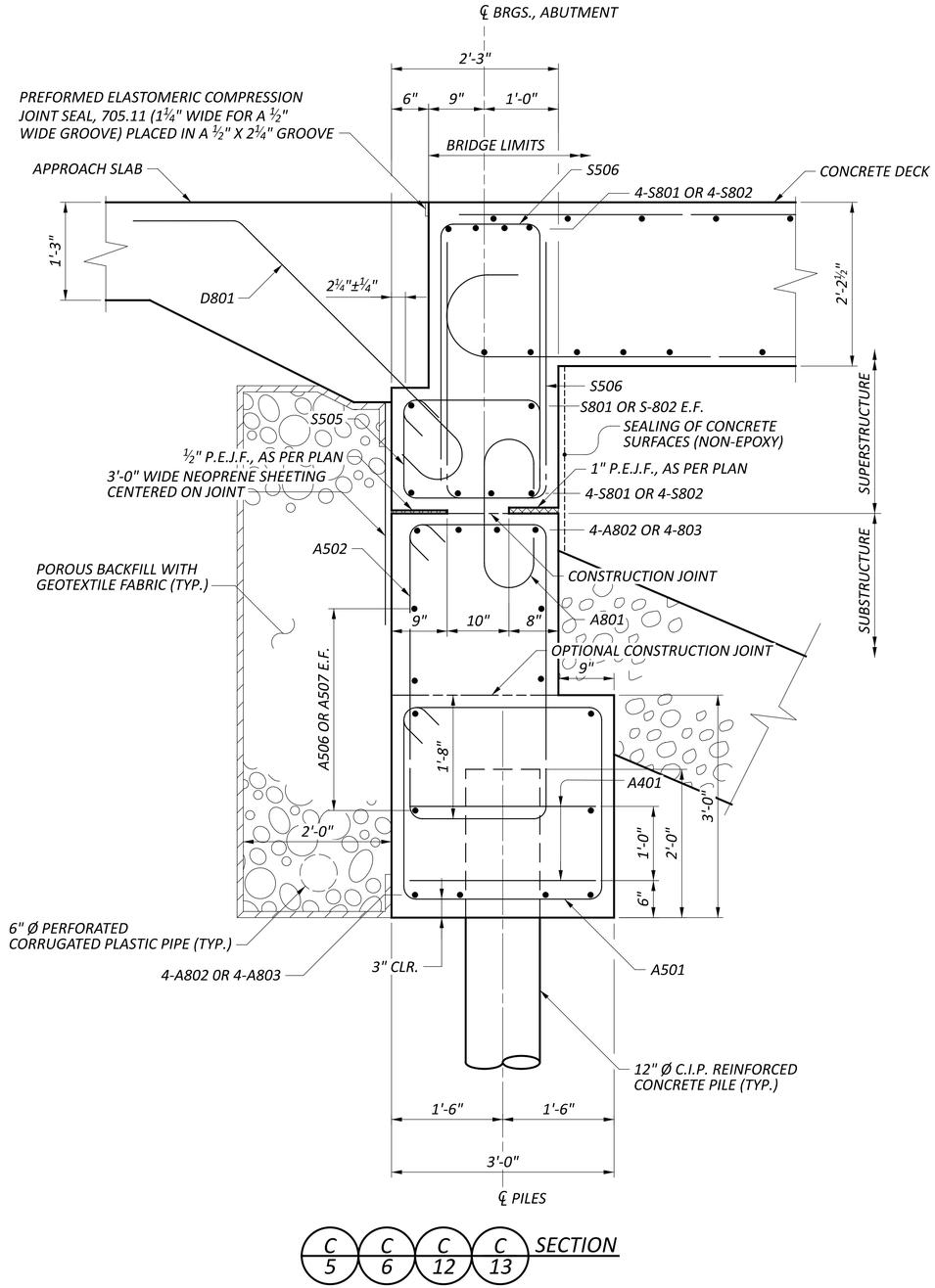
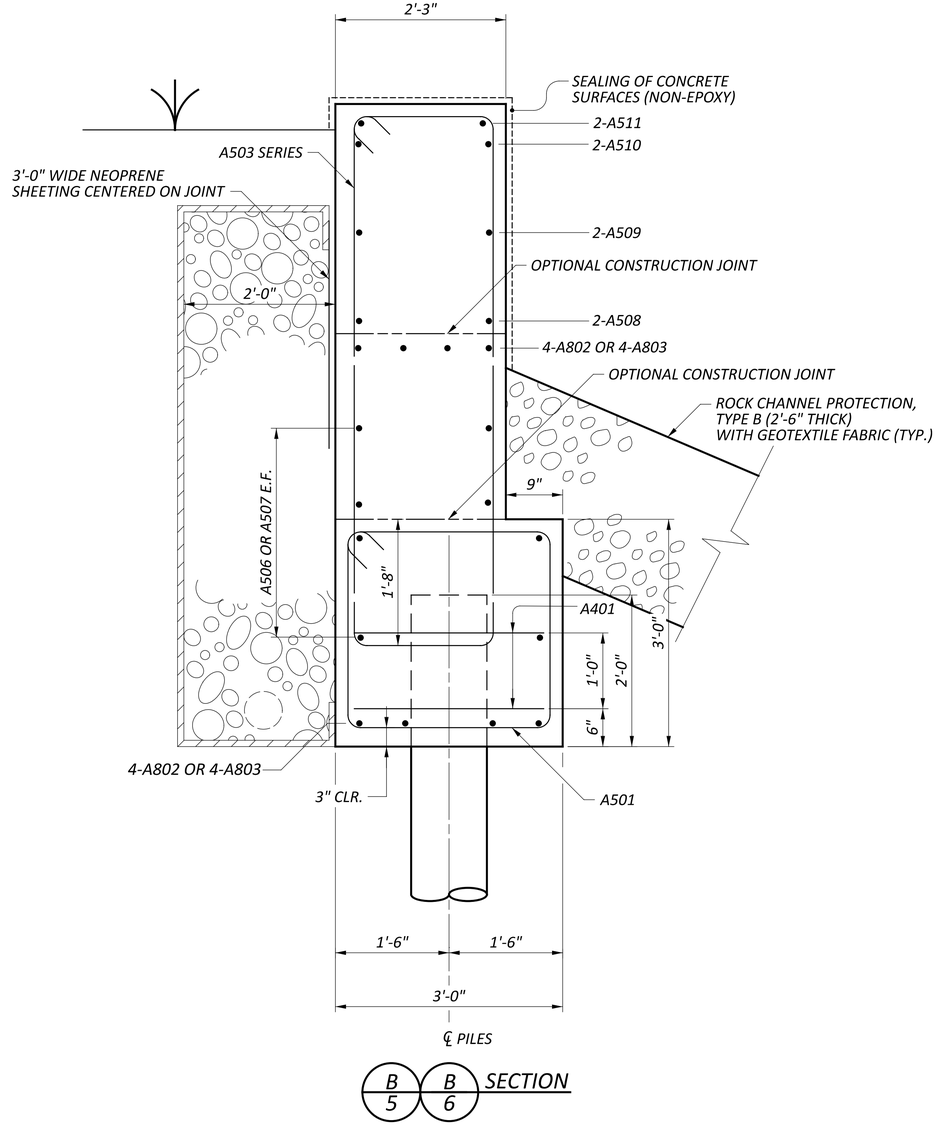


C 5 C 6 C 12 C 13 SECTION



B 5 B 6 SECTION

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. REFER TO SHEETS 9/19 TO 10/19 FOR SLAB DETAILS AND SHEETS 12/19 TO 13/19 FOR DIAPHRAGM DETAILS.

LEGEND

E.F. - EACH FACE

ABUTMENT SECTION
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

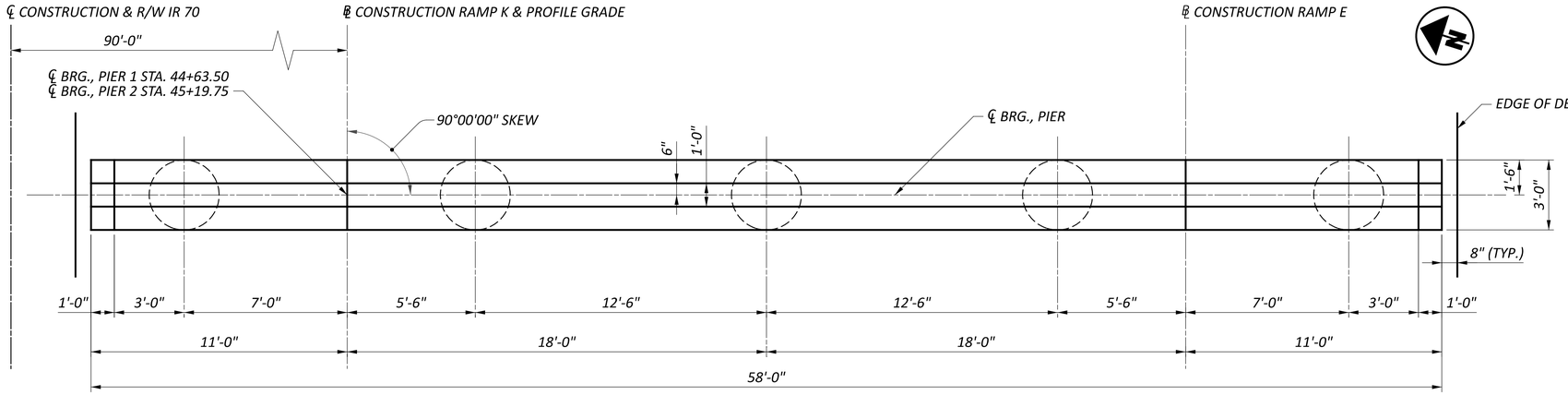
DESIGNER	CHECKER
BWR	AMR

REVIEWER: GDJ 8-20-26

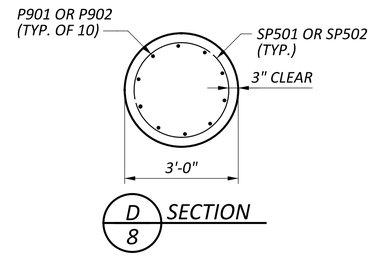
PROJECT ID: 96808

SUBSET	TOTAL
7	19

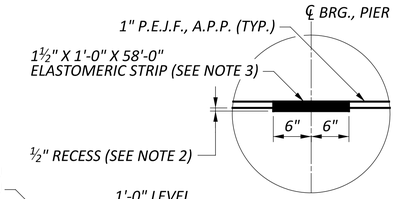
SHEET	TOTAL
P.1547	P.2024



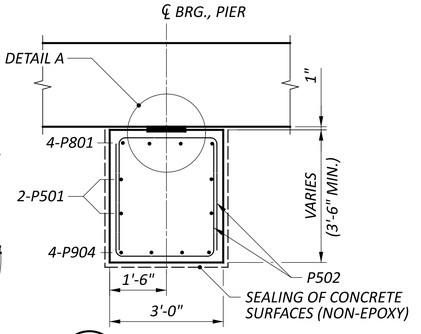
PLAN



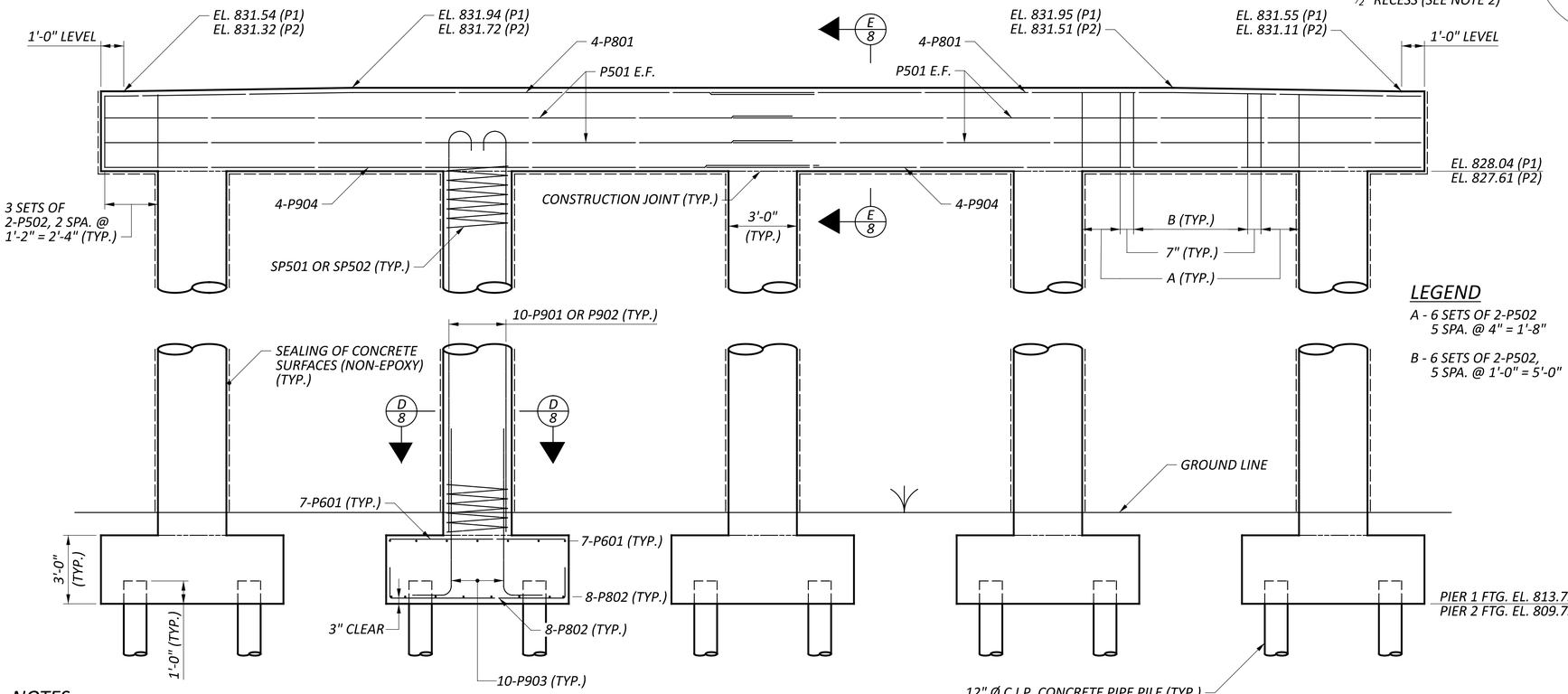
D/8 SECTION



DETAIL A



E/8 SECTION



ELEVATION

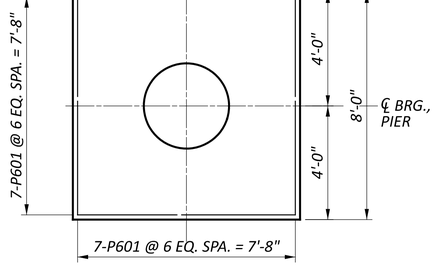
LEGEND

A - 6 SETS OF 2-P502
5 SPA. @ 4" = 1'-8"

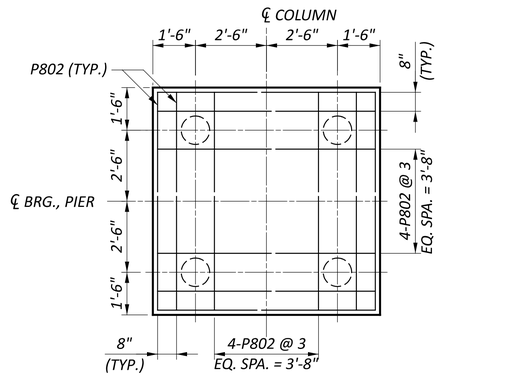
B - 6 SETS OF 2-P502,
5 SPA. @ 1'-0" = 5'-0"

NOTES

1. COLUMN SPIRAL REINFORCEMENT SHALL BE EMBEDDED 1½ TURNS INTO THE PIER CAP.
2. CAP ELEVATIONS SHOWN DO NOT ACCOUNT FOR THE ½" BEARING RECESS.
3. ELASTOMERIC STRIP: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE STRIP WAS DESIGNED IN ACCORDANCE WITH SECTION 14.6 OF THE AASHTO LRFD BRIDGE SPECIFICATIONS.
4. MINIMUM LAP SPLICE LENGTH:
   #5 BAR = 31 INCHES
   #8 BAR = 54 INCHES
   #9 BAR = 59 INCHES



FOOTING PLAN
TOP REINFORCING (TYP. ALL FOOTINGS)



FOOTING PLAN
BOTTOM REINFORCING (TYP. ALL FOOTINGS)

PIER PLAN AND ELEVATION
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER GDJ 8-20-26
PROJECT ID 96808
SUBSET 8 | TOTAL 19
SHEET P.1548 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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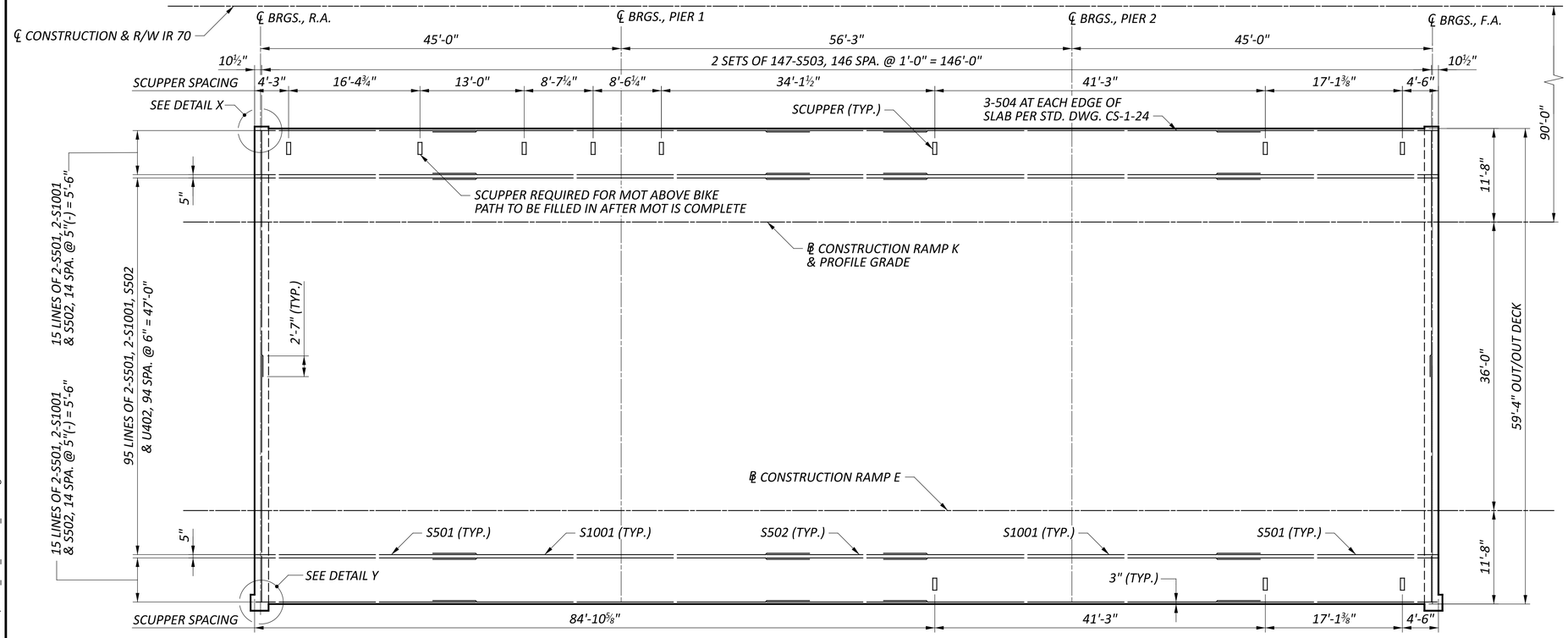
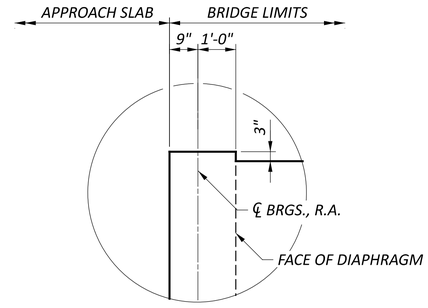
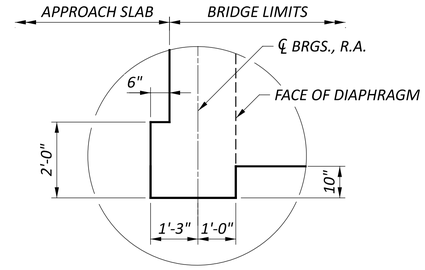


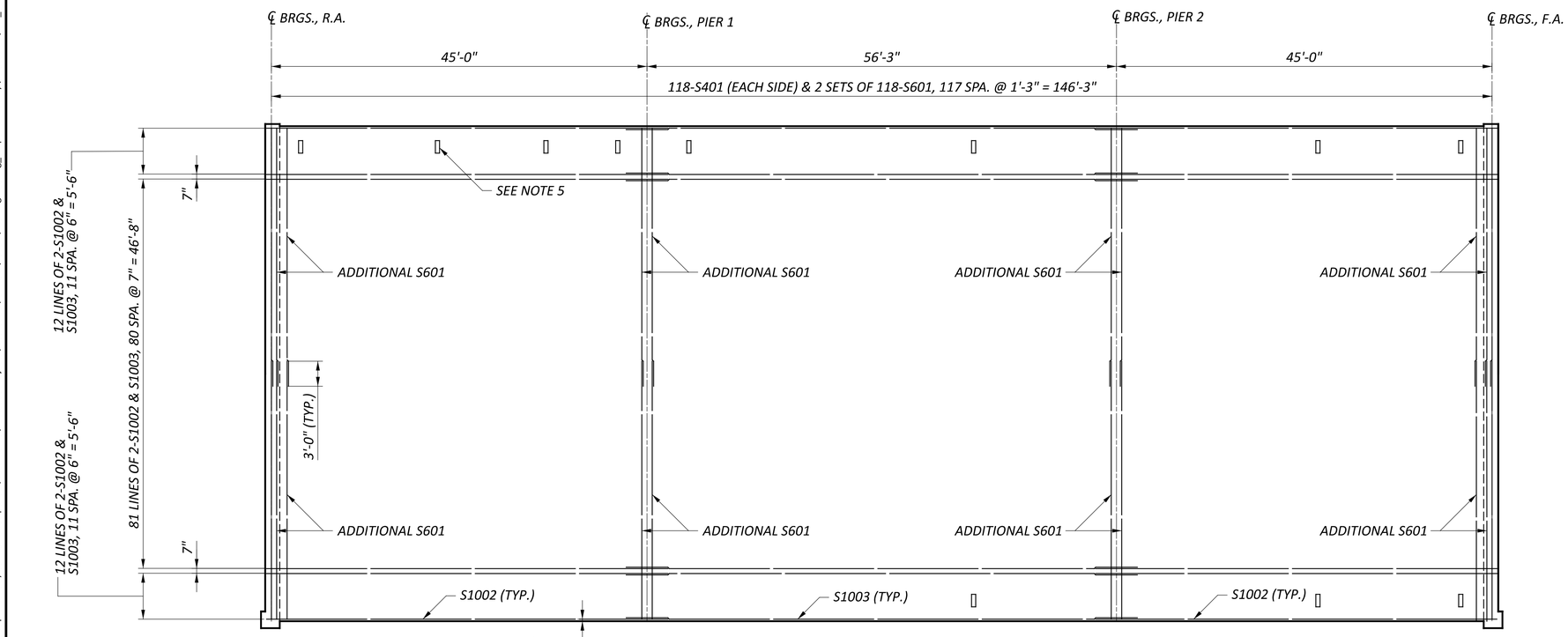
PLAN (TOP REINFORCING)



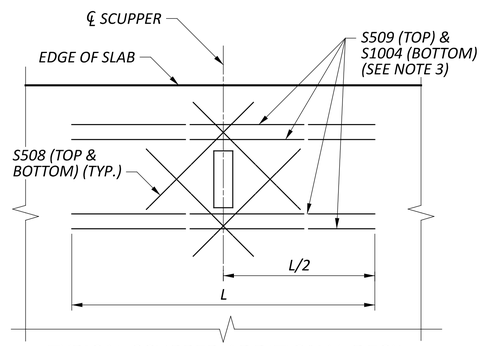
DETAIL X
F.A. OPPOSITE



DETAIL Y
F.A. OPPOSITE



PLAN (BOTTOM REINFORCING)



TYPICAL SCUPPER ADDITIONAL DECK REINFORCEMENT DETAIL
MAIN SLAB REINFORCEMENT NOT SHOWN

NOTES

1. REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.
2. S401 BARS SHALL NOT BE LAPPED WITH THE ADDITIONAL S601 BARS PROVIDED AT THE ABUTMENTS AND PIERS.
3. REINFORCEMENT SHALL BE BUNDLED WITH ADJACENT LONGITUDINAL REINFORCEMENT.
4. TRIM REINFORCING STEEL AT SCUPPER AS NEEDED TO MAINTAIN CLEARANCE.
5. SCUPPER OVER PROPOSED PEDESTRIAN PATH REQUIRED FOR MAINTENANCE OF TRAFFIC DURING PHASE 3 CONSTRUCTION. SCUPPER TO BE FILLED IN AND TRIMMED TO BOTTOM OF SLAB FOLLOWING COMPLETION OF PHASE 3 CONSTRUCTION AND SHIFT OF TRAFFIC FOR PHASE 4 CONSTRUCTION.

SLAB REINFORCEMENT PLAN
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	GDJ 8-20-26
PROJECT ID	96808
SUBSET	9
TOTAL	19
SHEET	P.1549
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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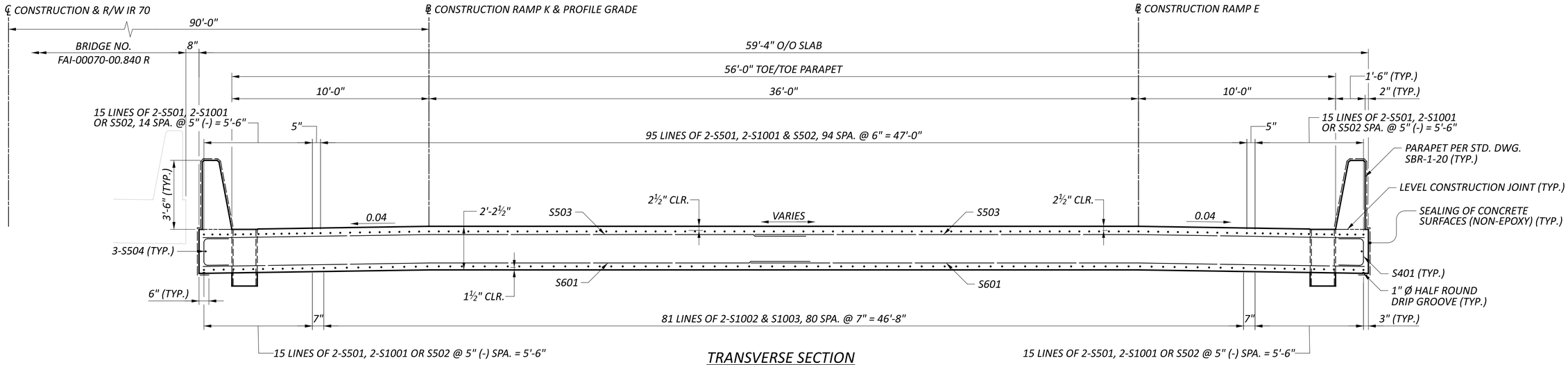
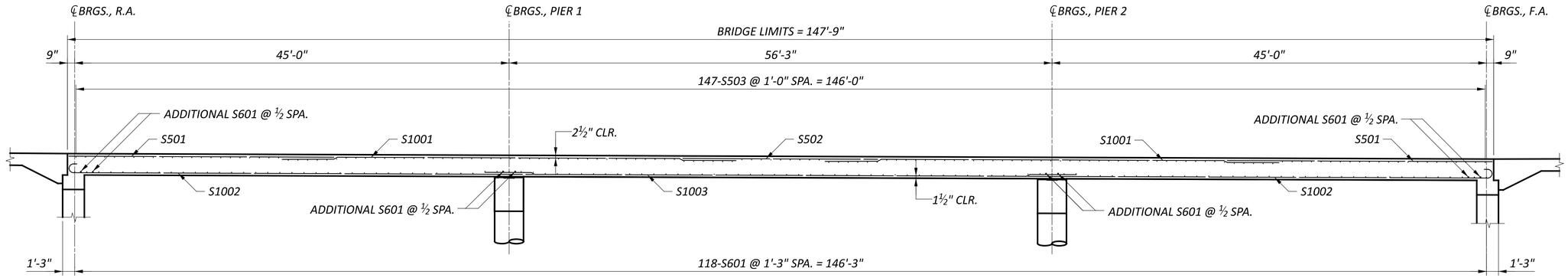
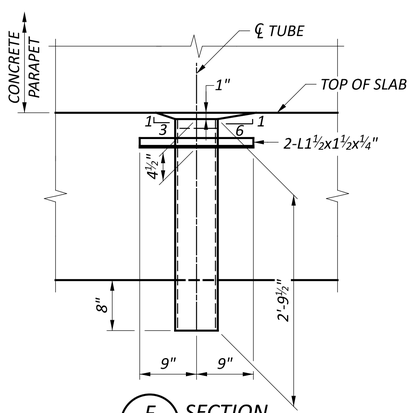


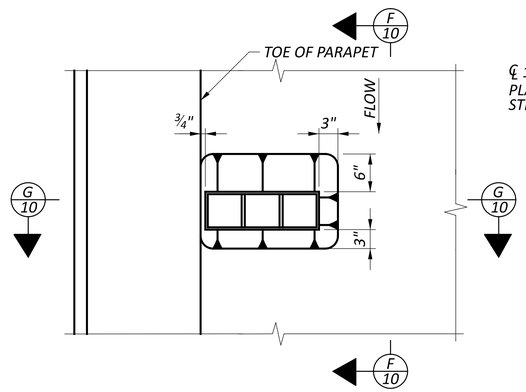
TRANSVERSE SECTION



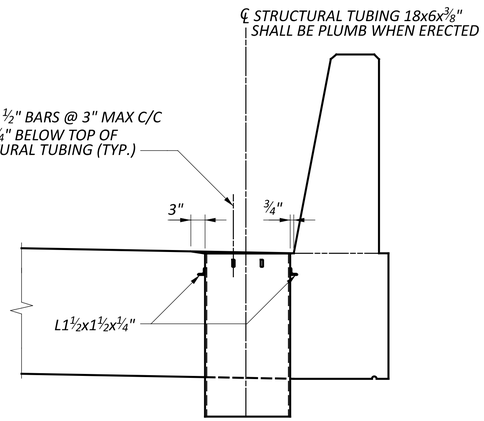
SLAB ELEVATION



F 10 SECTION



SCUPPER PLAN



G 10 SECTION

NOTE

REFER TO STD. DWG. CS-1-24 FOR ADDITIONAL NOTES AND DETAILS.

TRANSVERSE SECTION AND SLAB ELEVATION BRIDGE NO. FAI-00070-00.840 K CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	BWR
CHECKER	AMR
REVIEWER	GDJ 8-20-26
PROJECT ID	96808
SUBSET	10
TOTAL	19
SHEET	P.1550
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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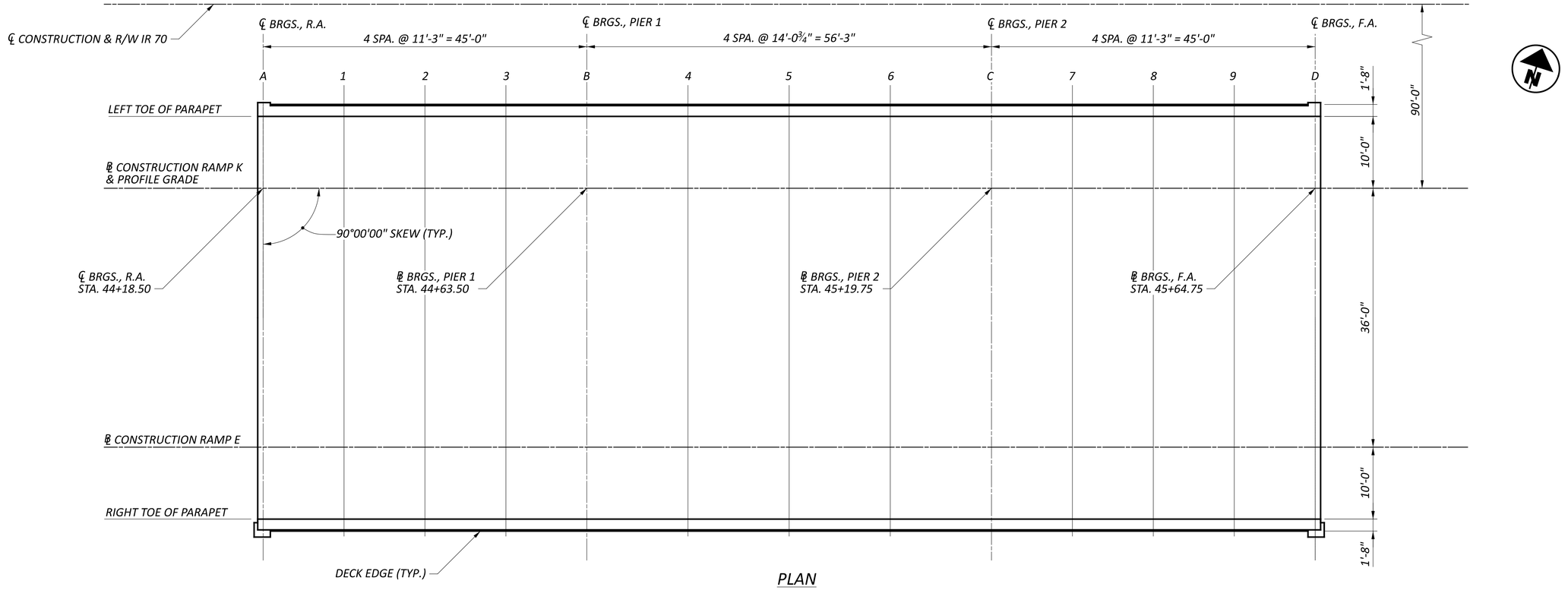
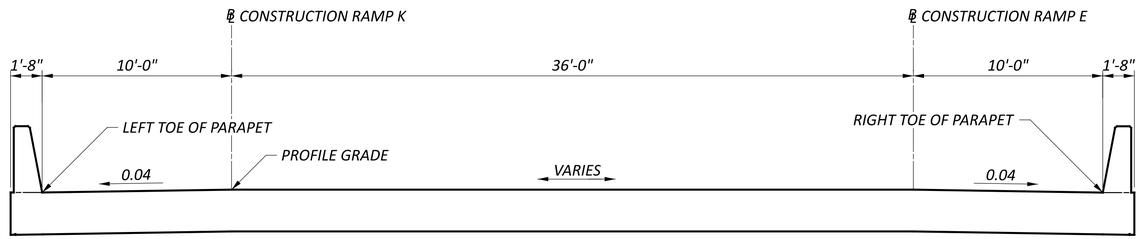


PLAN



TRANSVERSE SECTION

FINAL DECK SURFACE ELEVATIONS TABLE (FT.)

LOCATION	DESCRIPTION	A	1	2	3	B	4	5	6	C	7	8	9	D
LEFT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.16	834.07	833.98	833.90	833.83	833.75	833.69	833.65	833.61	833.60	833.59	833.60	833.61
℄ CONSTRUCTION RAMP K & PROFILE GRADE	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.56	834.47	834.38	834.30	834.23	834.15	834.09	834.05	834.01	834.00	833.99	834.00	834.01
℄ CONSTRUCTION RAMP E	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.76	834.61	834.48	834.36	834.24	834.11	833.99	833.89	833.80	833.74	833.69	833.65	833.62
RIGHT TOE OF PARAPET	STATION	44+18.50	44+29.75	44+41.00	44+52.25	44+63.50	44+77.56	44+91.63	45+05.69	45+19.75	45+31.00	45+42.25	45+53.50	45+64.75
	ELEVATION	834.36	834.21	834.08	833.96	833.84	833.71	833.59	833.49	833.40	833.34	833.29	833.25	833.22

NOTE

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

FINAL DECK ELEVATIONS
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565
DESIGN AGENCY CARPENTER MARTY transportation
DESIGNER CEH | CHECKER AMR
REVIEWER GDJ 8-20-26
PROJECT ID 96808
SUBSET 11 | TOTAL 19
SHEET P.1551 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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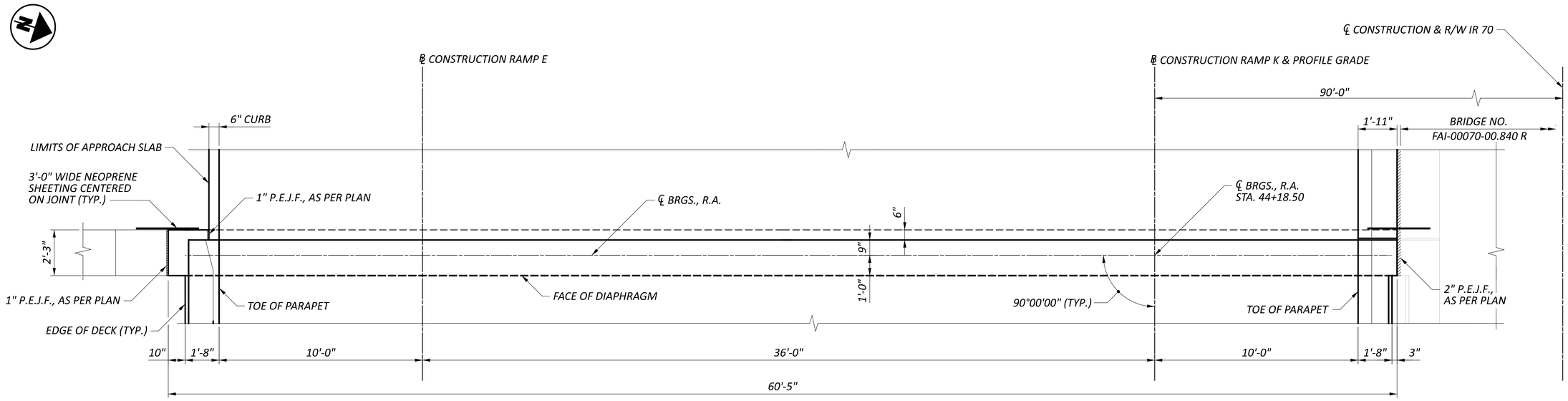
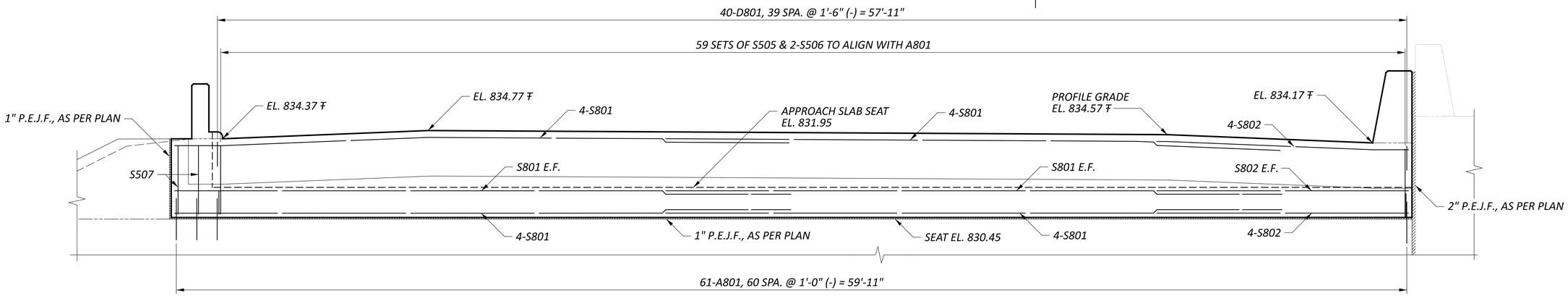


PLAN



ELEVATION

LEGEND

₮ - ELEVATION TAKEN AT BRIDGE LIMITS

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 73 INCHES

REAR ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY engineering

DESIGNER	CHECKER
CEH	AMR

REVIEWER: GDJ 8-20-26

PROJECT ID: 96808

SUBSET	TOTAL
12	18

SHEET	TOTAL
P.1552	P.2024

FAI/LIC-IR 70-0.00/0.00

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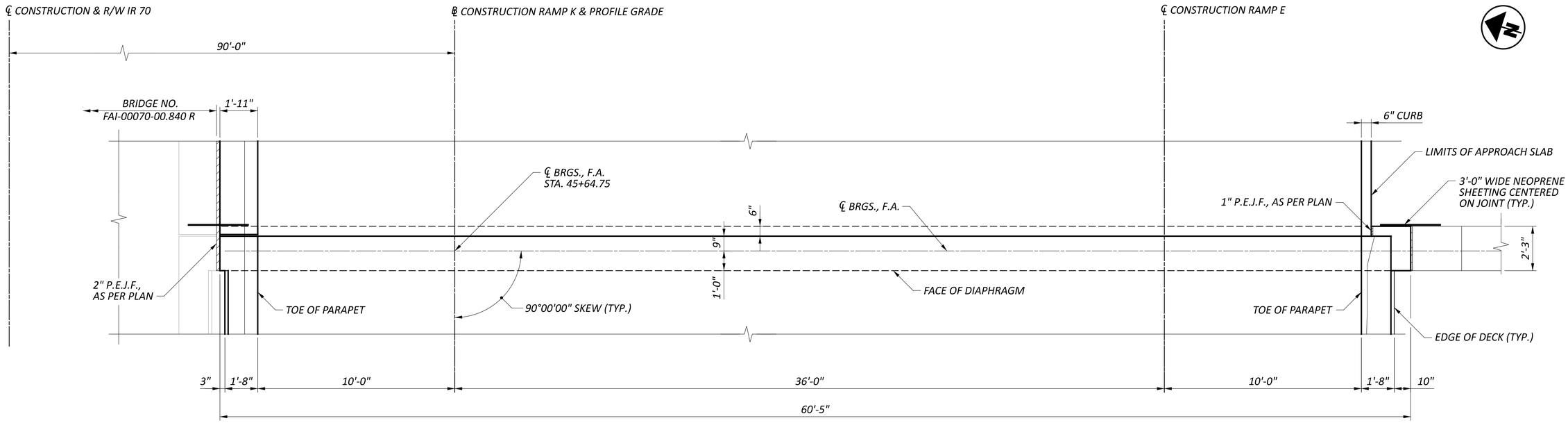
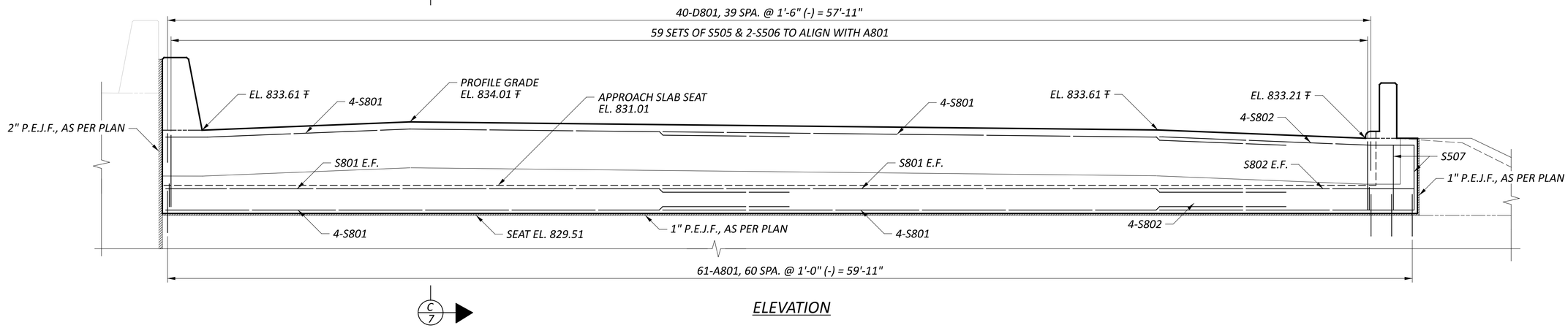


PLAN



ELEVATION

LEGEND

Ŧ - ELEVATION TAKEN AT BRIDGE LIMITS

E.F. - EACH FACE

NOTES

1. REFER TO STD. DWG. CPA-1-08 FOR ADDITIONAL NOTES AND DETAILS.
2. MINIMUM LAP SPLICE LENGTH:
   #8 BAR = 73 INCHES

FORWARD ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: GDJ 8-20-26

PROJECT ID: 96808

SUBSET	TOTAL
13	19

SHEET	TOTAL
P.1553	P.2024

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LEGEND

E.F. - EACH FACE

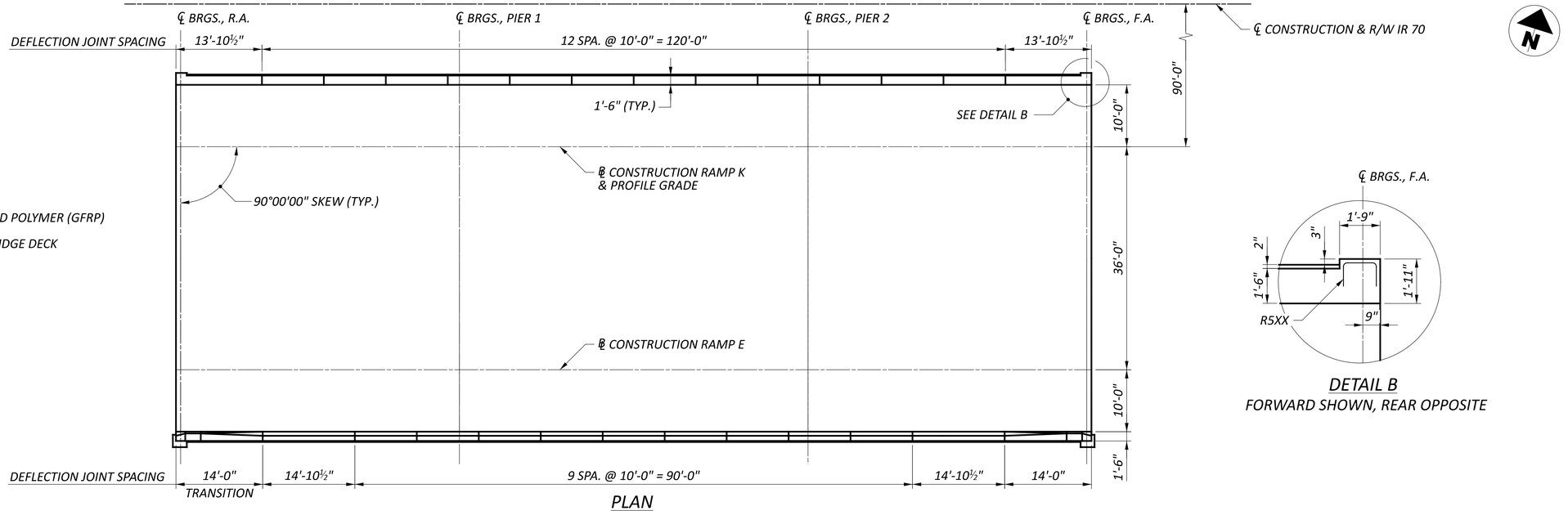
N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

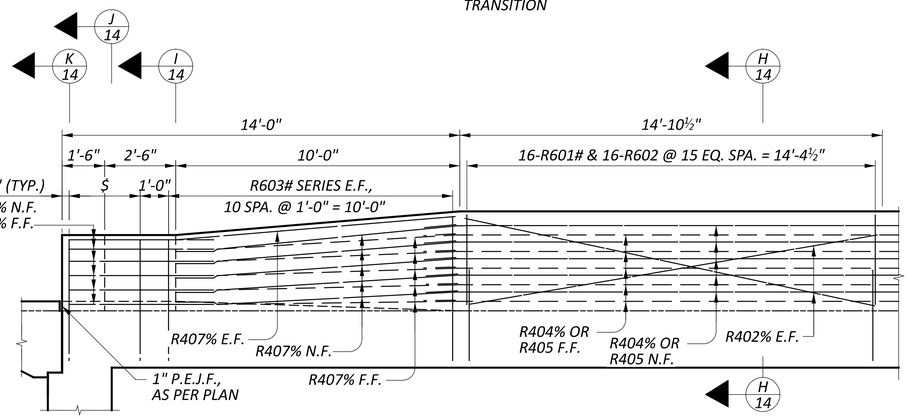
- BAR SHALL BE PLACED PRIOR TO POURING BRIDGE DECK

$ - 4-R604# E.F., 3 SPA. @ 10" = 2'-6"

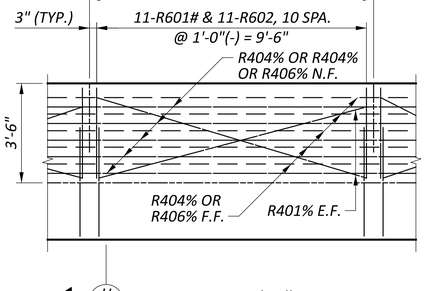


PLAN

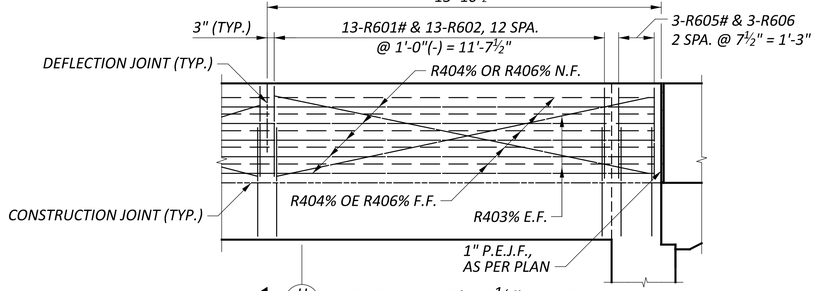
DETAIL B
FORWARD SHOWN, REAR OPPOSITE



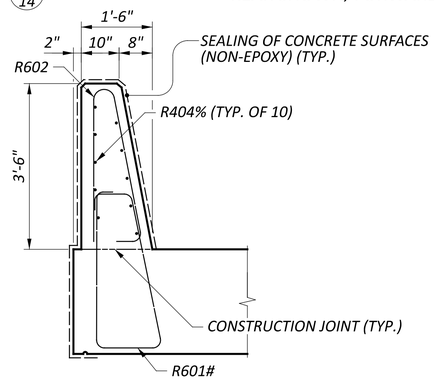
RIGHT PARAPET TRANSITION & TYPICAL 14'-10½" PANEL ELEVATION
VIEWED ALONG OUTSIDE FACE
REAR SHOWN, FORWARD OPPOSITE



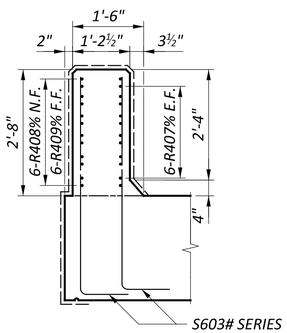
TYPICAL 10'-0" PANEL
VIEWED ALONG INSIDE FACE



TYPICAL 13'-10½" PANEL
VIEWED ALONG INSIDE FACE
FORWARD SHOWN, REAR OPPOSITE



H 14 SECTION



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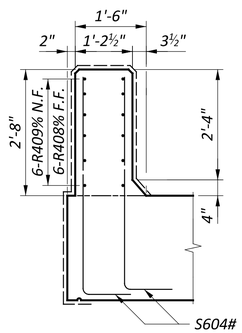

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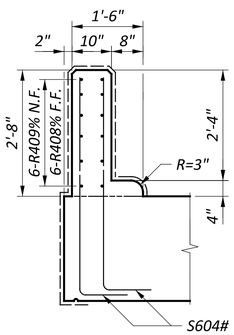

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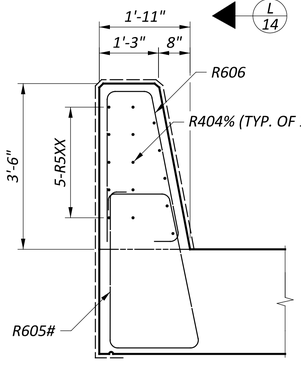

L 14 SECTION

NOTE

REFER TO STD. DWG. SBR-1-20 FOR ADDITIONAL NOTES AND DETAILS.

PARAPET DETAILS

BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER: GDJ 8-20-26

PROJECT ID: 96808

SUBSET	TOTAL
14	19

SHEET	TOTAL
P.1554	P.2024

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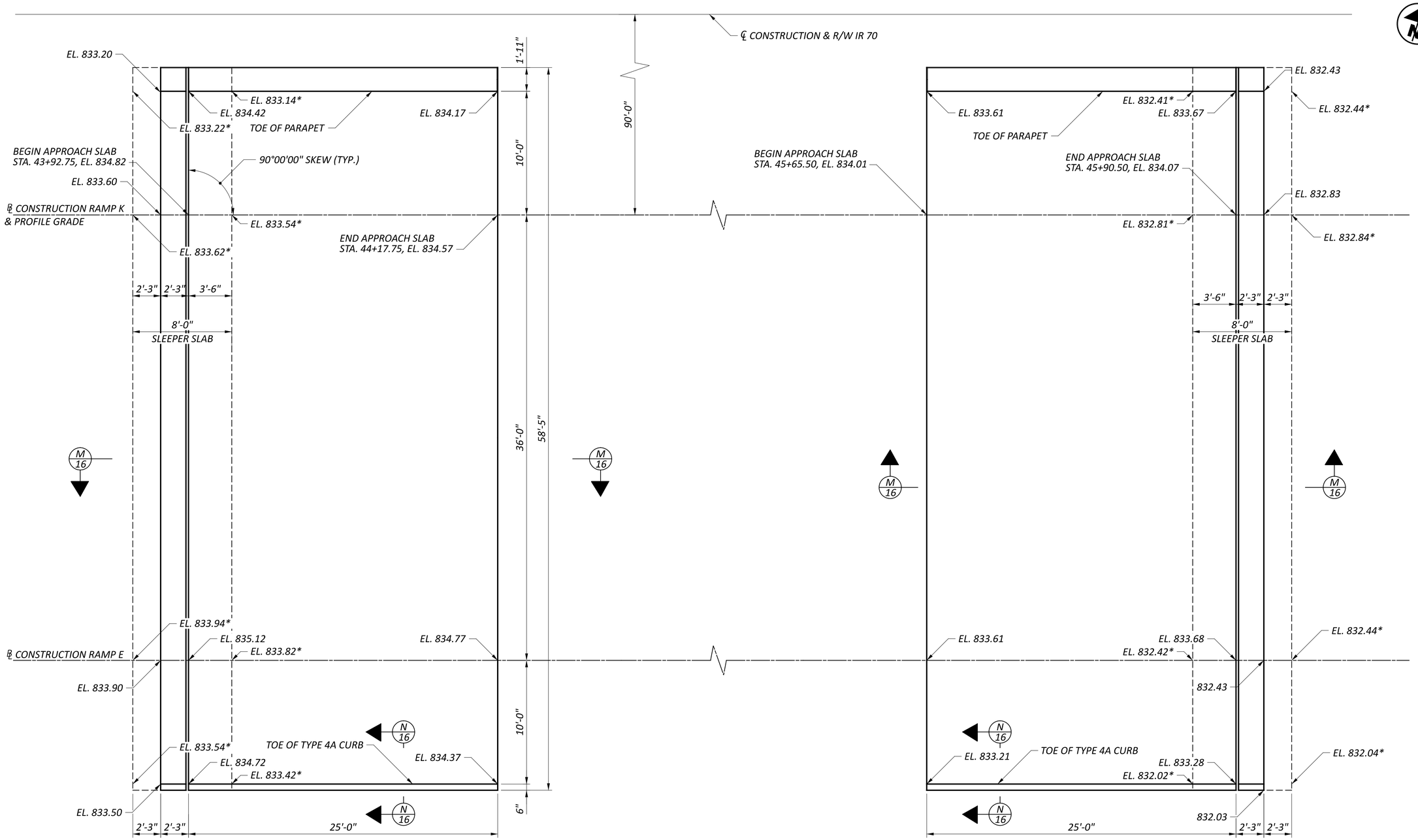

REAR APPROACH SLAB PLAN

FORWARD APPROACH SLAB PLAN

LEGEND

* - TOP OF SLEEPER SLAB ELEVATION

NOTE

1REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

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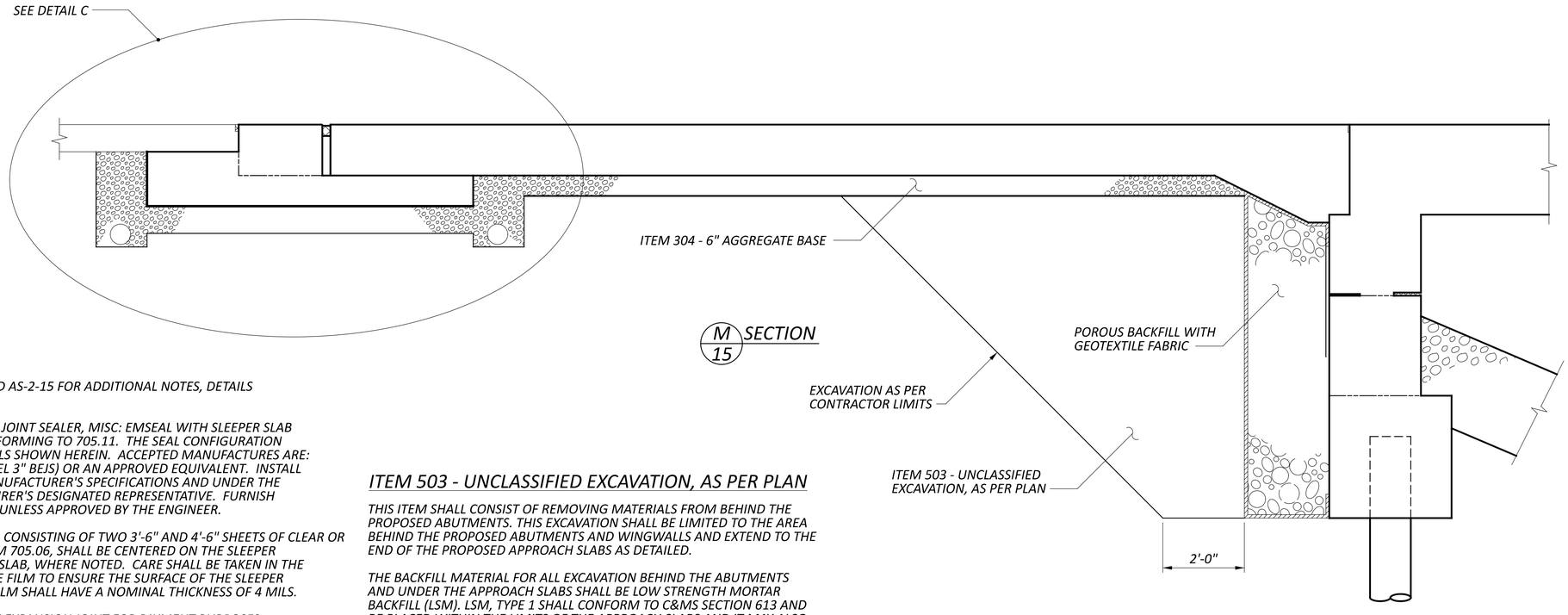
SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	GDJ 8-20-26
PROJECT ID	96808
SUBSET	15
TOTAL	19
SHEET	P.1555
TOTAL	P.2024



M 15 SECTION

NOTES

1. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES, DETAILS AND DIMENSION "A" TABLE.

2. ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HEREIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTINUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

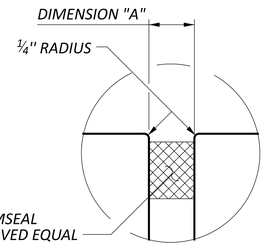
3. BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 3'-6" AND 4'-6" SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

4. PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB (REAR) & (FORWARD) AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CLASS QC2 WITH QC/QA CONCRETE SLEEPER SLAB, RESTEEL AND ALL LABOR, MATERIALS AND INCIDENTALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER C&MS ITEM 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

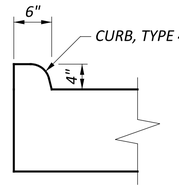
ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN

THIS ITEM SHALL CONSIST OF REMOVING MATERIALS FROM BEHIND THE PROPOSED ABUTMENTS. THIS EXCAVATION SHALL BE LIMITED TO THE AREA BEHIND THE PROPOSED ABUTMENTS AND WINGWALLS AND EXTEND TO THE END OF THE PROPOSED APPROACH SLABS AS DETAILED.

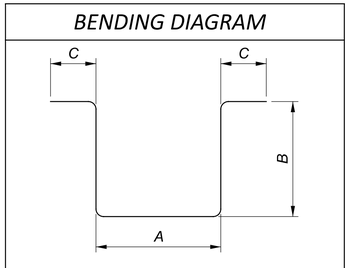
THE BACKFILL MATERIAL FOR ALL EXCAVATION BEHIND THE ABUTMENTS AND UNDER THE APPROACH SLABS SHALL BE LOW STRENGTH MORTAR BACKFILL (LSM). LSM, TYPE 1 SHALL CONFORM TO C&MS SECTION 613 AND BE PLACED WITHIN THE LIMITS OF THE APPROACH SLABS AND IT MAY ALSO BE USED TO CONSTRUCT THE SLOPES IN THIS SAME AREA AS LONG AS IT IS COVERED WITH ONE FOOT OF SOIL. THE AREA FOR THE POROUS BACKFILL WITH GEOTEXTILE FABRIC SHALL BE FORMED PRIOR TO THE PLACEMENT OF THE LSM, TYPE 1 BACKFILL. THE GEOTEXTILE FABRIC SHALL BE PLACED AFTER THE LSM HAS CURED AND THE FORMS HAVE BEEN REMOVED.



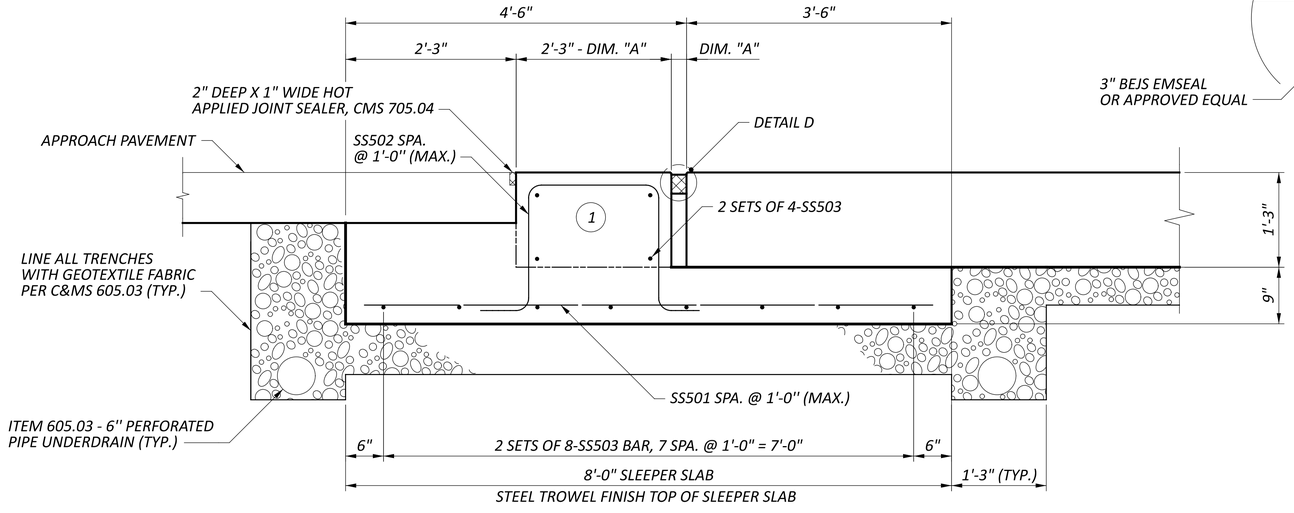
DETAIL D



N 15 SECTION



TYPE-6



DETAIL C

LEGEND

(1) - THIS PORTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED.

MARK	MATERIAL TYPE	NUMBER REAR	NUMBER FWD	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)										
SS501	GSR	58	58	116	7'-8"	928	STR			
SS502	GSR	58	58	116	5'-8"	686	6	1'-8"	1'-7"	8"
SS503	GSR	24	24	48	30'-4"	1519	STR			
SLEEPER SLAB GSR SUB-TOTAL						**3133**				

APPROACH SLAB AND SLEEPER SLAB DETAILS
BRIDGE NO. FAI-00070-00.840 K
IR 70 over BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY: CARPENTER MARTY transportation

DESIGNER	CHECKER
MME	AMR

REVIEWER: GDJ 8-20-26

PROJECT ID: 96808

SUBSET	TOTAL
16	19

SHEET	TOTAL
P.1556	P.2024

FAI/LIC-IR 70-0.00/0.00

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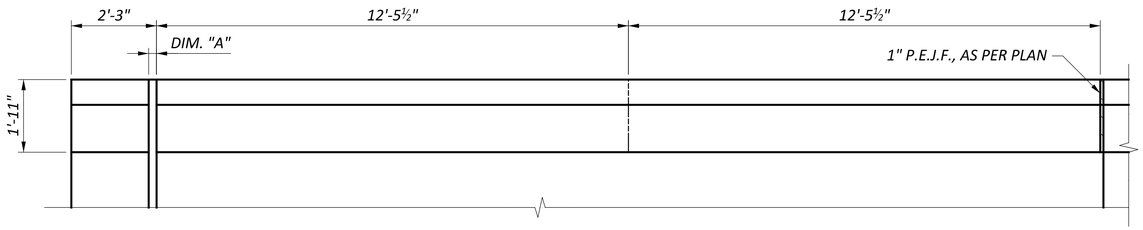
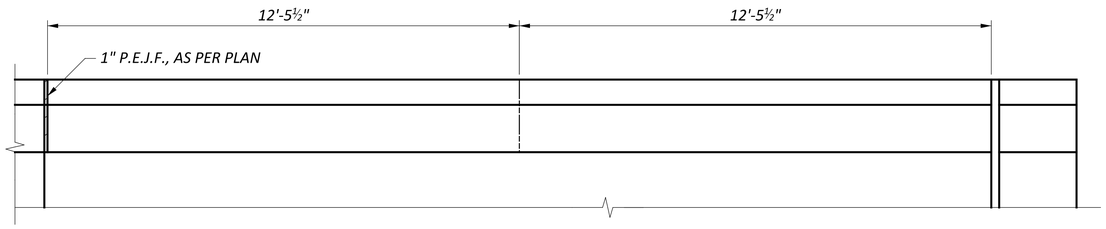
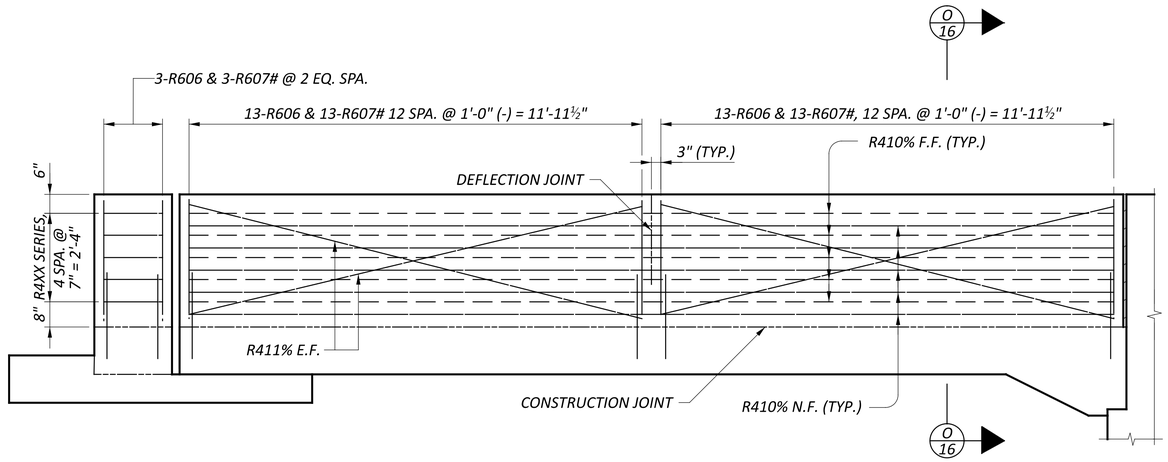


REAR APPROACH SLAB PARAPET PLAN

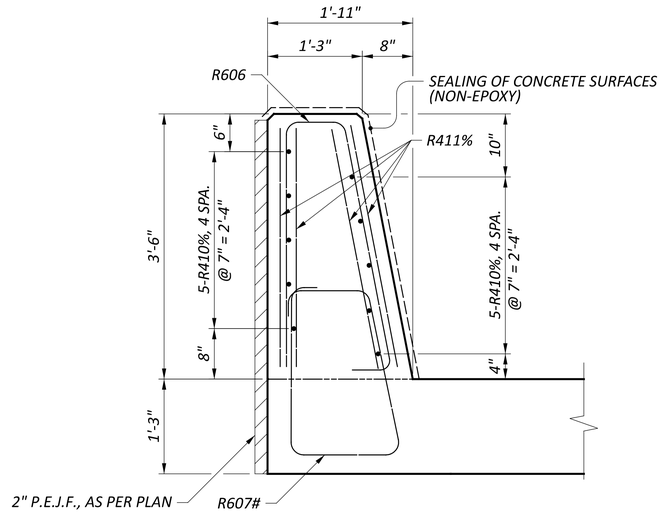


FORWARD APPROACH SLAB PARAPET PLAN



REAR APPROACH SLAB PARAPET ELEVATION - LEFT PARAPET

(VIEWED ALONG INSIDE FACE)
FORWARD PARAPET OPPOSITE



O
16 SECTION

LEGEND

E.F. - EACH FACE

N.F. - NEAR FACE

F.F. - FAR FACE

% - DENOTES BAR TO BE GLASS FIBER REINFORCED POLYMER (GFRP)

- BAR SHALL BE PLACED PRIOR TO POURING OF APPROACH SLAB

NOTE

REFER TO STD. DWG. AS-2-15 FOR DIMENSION "A" TABLE.

APPROACH SLAB PARAPET DETAILS
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY engineering

DESIGNER	CHECKER
CEH	AMR

REVIEWER
GDJ 8-20-26

PROJECT ID
96808

SUBSET	TOTAL
17	19

SHEET	TOTAL
P.1557	P.2024

FAI/LIC-IR 70-0.00/0.00

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BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
SUPERSTRUCTURE (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
SUPERSTRUCTURE GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GALVANIZED STEEL REINFORCEMENT - GSR)												
	GSR											
RAILING GSR SUBTOTAL												

BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT			TYPE	DIMENSIONS							
		PIER 1	PIER 2	TOTAL		PIER 1	PIER 2	TOTAL		A	B	C	D	E	R	INC	
PIERS (GALVANIZED STEEL REINFORCEMENT - GSR)																	
	GSR																
	PIER GSR SUBTOTAL																

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

2. REFER TO SHEET 19/19 FOR BENDING DIAGRAMS.

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
CARPENTER MARTY transportation

DESIGNER	CHECKER
CEH	AMR

REVIEWER
GDJ 8-20-26

PROJECT ID
96808

SUBSET	TOTAL
18	19

SHEET	TOTAL
P.1558	P.2024

FAI/LIC-IR 70-0.00/0.00

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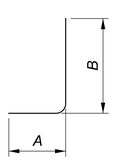
BAR MARK	MATERIAL TYPE	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						
		REAR	FWD	TOTAL				A	B	C	D	E	R	INC
ABUTMENTS (GALVANIZED STEEL REINFORCEMENT - GSR)														
	GSR													
ABUTMENT GSR SUBTOTAL														

BAR MARK	MATERIAL TYPE	TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC
RAILING (GLASS FIBER REINFORCED POLYMER REINFORCEMENT - GFRP)												
	GFRP											
SUPERSTRUCTURE GFRP SUBTOTAL												

NOTE

THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, A501 IS A NO. 5 BAR. BAR DIMENSIONS ARE OUT-TO-OUT, UNLESS OTHERWISE NOTED.

BENDING DIAGRAM



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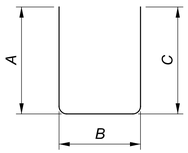

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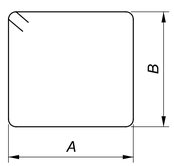

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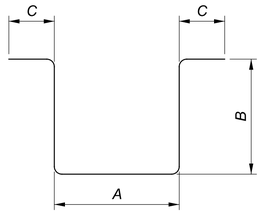

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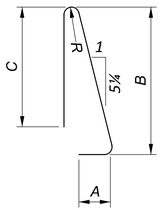

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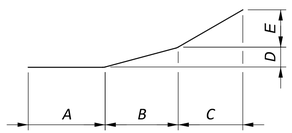

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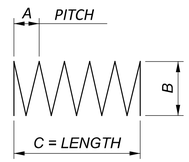

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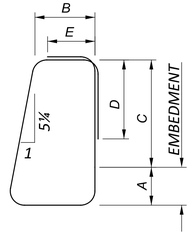

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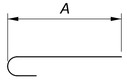

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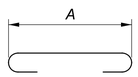

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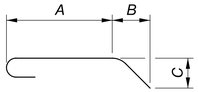

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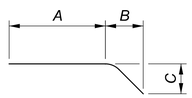

TYPE-19

CONCRETE REINFORCEMENT BAR LIST
BRIDGE NO. FAI-00070-00.840 K
CD ROAD OVER BLACKLICK CREEK

SFN	2301565
DESIGN AGENCY	CARPENTER MARTY transportation
DESIGNER	CEH
CHECKER	AMR
REVIEWER	GDJ 8-20-26
PROJECT ID	96808
SUBSET	19
TOTAL	19
SHEET	P.1559
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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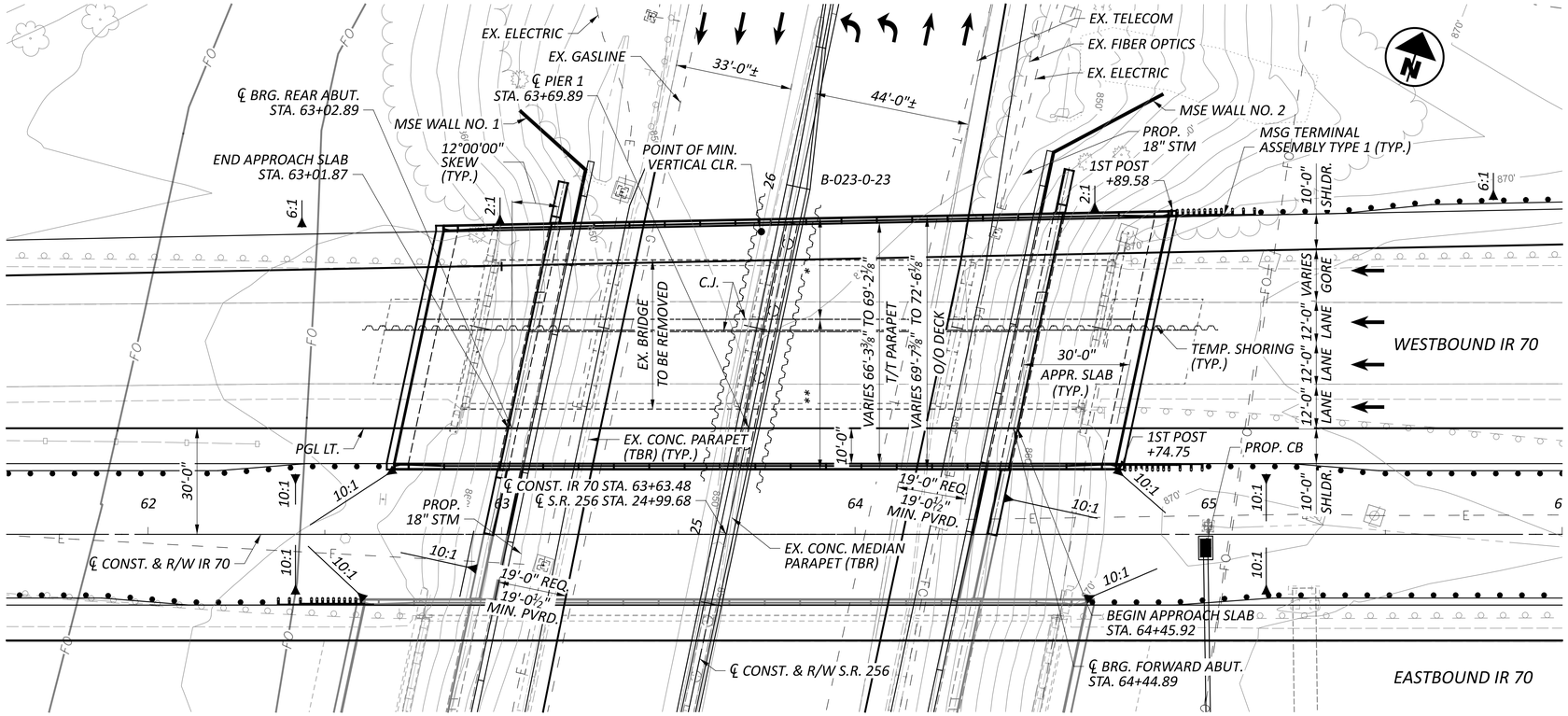
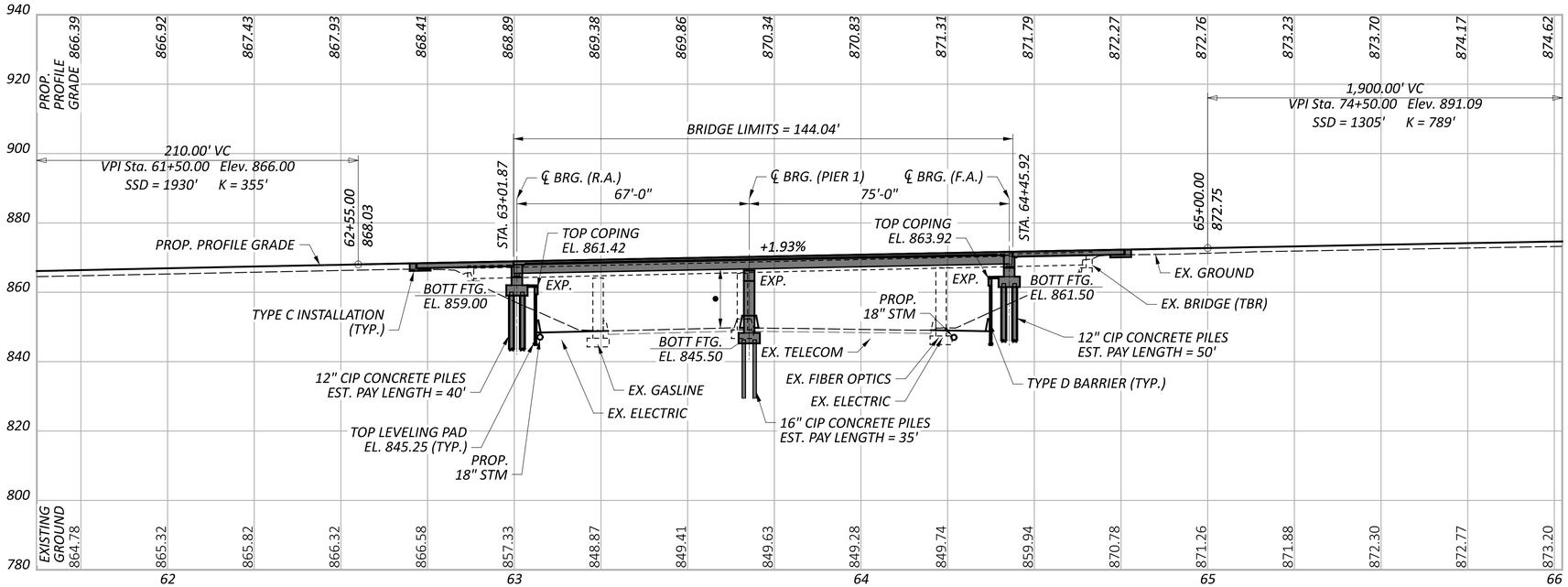


PLAN



PROFILE - ALONG PGL LT

BENCHMARK DATA

C.P. 208 STA.	35+84.10,	ELEV.	851.61,	OFFSET	113.98',	RT
C.P. 209 STA.	76+56.01,	ELEV.	890.18,	OFFSET	141.75',	LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56,680 2030 ADTT = 6,240
2050 ADT = 76,150 2050 ADTT = 8,380
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- ⊕ - PROJECT BORING LOCATION
- ● - 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  15'-9¾" ACTUAL MINIMUM VERTICAL CLEARANCE
- * - VARIES 27'-1⅜" TO 30'-0⅛" PHASE 4A CONSTRUCTION
- ** - 42'-6" PHASE 4B CONSTRUCTION
- TBR - TO BE REMOVED

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH SPREAD FOOTING FOUNDATIONS

SPANS: 34'-6"±, 43'-0"±, 57'-0"±, 40'-0"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 12°00'00"± L.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301628
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIER AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: 66'-3⅜" TO 69'-2⅛" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15 TYPE C)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 10,370 SF

COORDINATES: LATITUDE 39°56'01.38" N
LONGITUDE 82°47'22.61" W

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 | TOTAL 40
SHEET P.1560 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

MODEL: CLP_I070 - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:58:32 AM USER: brieder
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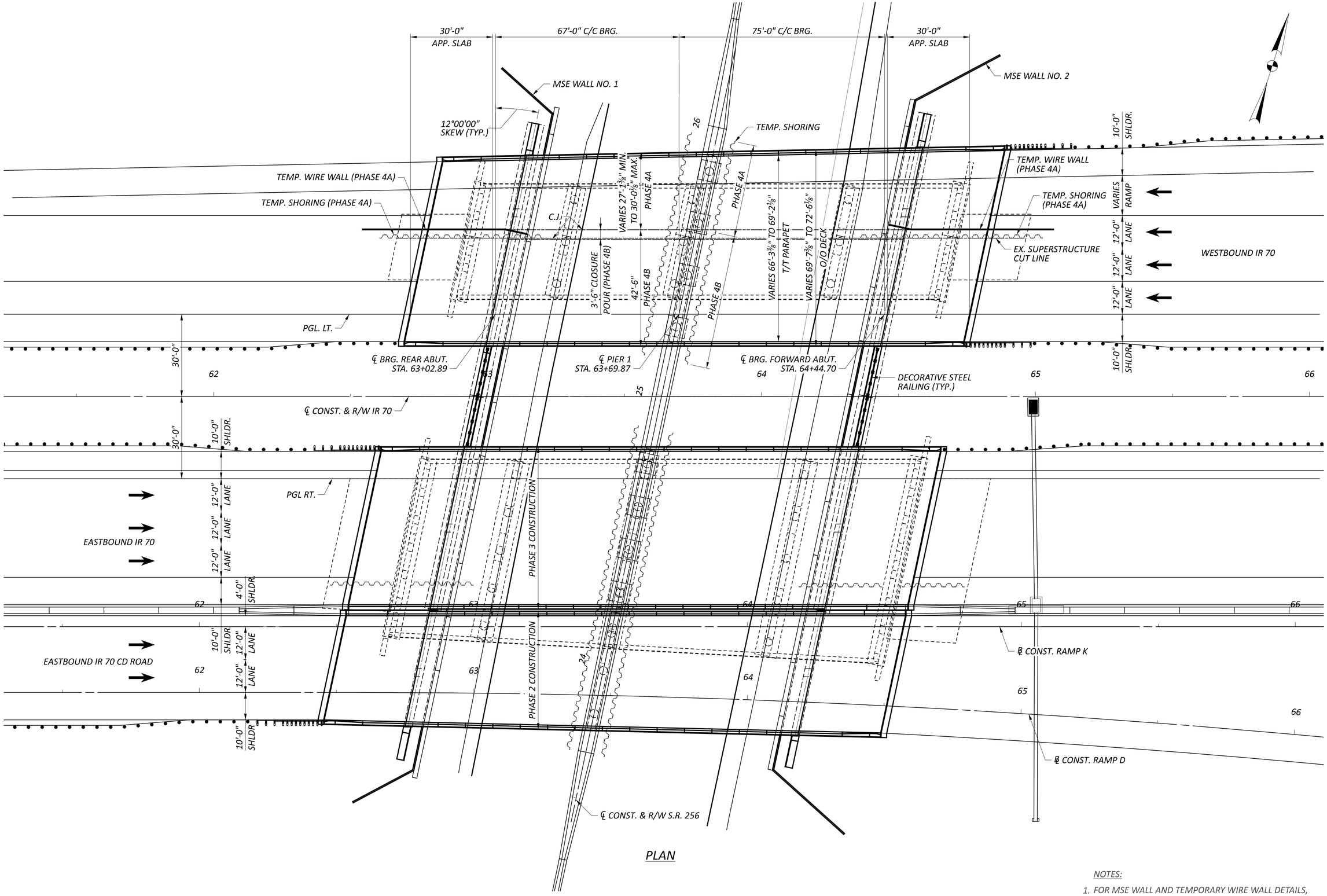

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

GENERAL PLAN
BRIDGE NO FAI-00070-01190
IR 70 OVER S.R. 256

FAI/LIC-70.0.00/0.00

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SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	40
SHEET	P.1561
TOTAL	P.2024

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

BRIDGE PAINTING LIMITATIONS:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE AS FOLLOWS:.

INTERIOR BEAMS AND INTERIOR SURFACE OF FASCIA BEAMS - AMS-595-16440 (LIGHT GULL GRAY)

EXTERIOR OF FASCIA BEAMS INCLUDING BOTTOM FLANGE - AMS-595-17038 (BLACK)

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
16" CIP REINFORCED CONCRETE PILES 40 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 55 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{3}{8}$ INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{3}{8}$ INCH FOR THE 16" CAST-IN-PLACE REINFORCED CONCRETE PILES.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

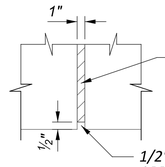
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



1" PREFORMED CORK EXPANSION JOINT FILLER

1/2" DECK-O-SEAL GUN GRADE JOINT SELANT OR APPROVED AQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER IN ACCORDANCE WITH ARTIC 705.03

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
3	40

SHEET	TOTAL
P.1562	P.2024

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THIS ITEM WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

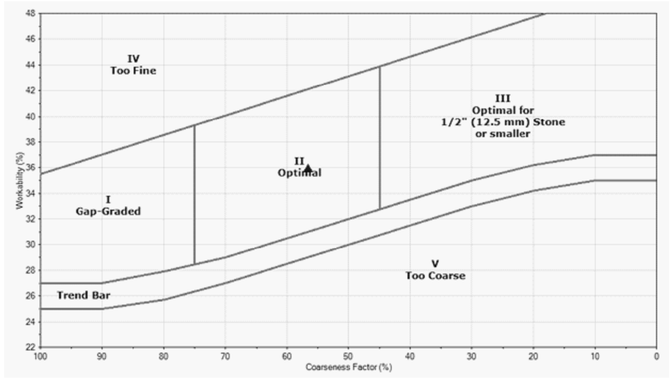


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

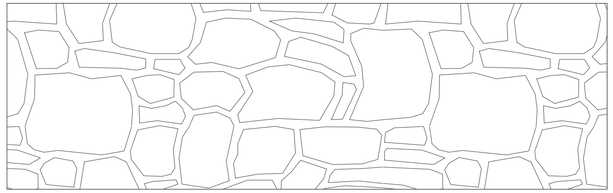
THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED, SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

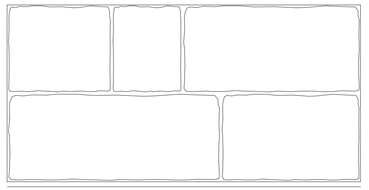
COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 40
SHEET P.1563 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	*= ABUTMENT*
A.T.G.	*= ADJUST TO GRADE*
BRG.	*= BEARING*
CB	*= CATCH BASIN*
C/C	*= CENTER -TO-CENTER*
C.J.	*= CONSTRUCTION JOINT*
CLR.	*= CLEARANCE*
CONST.	*= CONSTRUCTION*
DIA.	*= DIAMETER*
DWG.	*= DRAWING*
EA.	*= EACH*
E.F.	*= EACH FACE*
EL.	*= ELEVATION*
EST.	*= ESTIMATED*
EX.	*= EXISTING*
F.A.	*= FORWARD ABUTMENT*
F.D.S.	*= FINAL DECK SURFACE*
F.F.	*= FAR FACE*
INV.	*= INVERT*
LT.	*= LEFT*
MH	*= MANHOLE*
N.P.C.P.P.	*= NON-PERFORATED CORRUGATED PLASTIC PIPE*
N.F.	*= NEAR FACE*
O/O	*= OUT-TO-OUT*
P.C.P.P.	*= PERFORATED CORRUGATED PLASTIC PIPE*
PEJF	*= PREFORMED EXPANSION JOINT FILLER*
PROP.	*= PROPOSED*
R.A.	*= REAR ABUTMENT*
REQD.	*= REQUIRED*
RT.	*= RIGHT*
SER.	*= SERIES*
SHLD.	*= SHOULDER*
SPA.	*= SPACES*
STA.	*= STATION*
STD.	*= STANDARD*
STM	*= STORM SEWER LINE*
T&B	*= TOP AND BOTTOM*
T/S	*= TOP OF SLOPE*
T/T	*= TOE-TO-TOE*
TYP.	*= TYPICAL*
UN	*= UNLESS NOTED*

GENERAL NOTES - 3
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
5	40

SHEET	TOTAL
P.1563	P.2024

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: XXX DATE: 9/16/03
CHECKED BY: XXX DATE: 9/16/03

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/40
202	22900	133	SY	APPROACH SLAB REMOVED				133	
202	23500	133	SY	WEARING COURSE REMOVED				133	
503	11101		LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	2440	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	2440				
507	00550	2710	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	2710				
507	00700	700	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		700			
507	00750	800	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		800			
509	26000	175350	LB	GALVANIZED STEEL REINFORCEMENT	33800	15850	125700		
509	30020	4500	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	353	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			353		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/40
511	41012	49	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		49			
511	44112	74	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	74				
511	46512	163	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	139	24			
512	10050	722	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	96	143	483		
512	33000	25	SY	TYPE 2 WATERPROOFING	25				
513	10260	308223	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			308223		
513	20000	7371	EACH	WELDED STUD SHEAR CONNECTORS			7371		
514	00060	14761	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			14761		
514	00066	14761	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			14761		
514	10000	7	EACH	FINAL INSPECTION REPAIR			7		
516	10010	146	FT	ARMORLESS PREFORMED JOINT SEAL				146	
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/40
516	13901	49	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	49				2/40
516	14020	164	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	164				
516	44100	9	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		9			
516	44101	18	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	18				23/40
517	76300	70	FT	RAILING, MISC.: DECORATIVE STEEL RAILING	70				36/40
518	21200	83	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	83				
518	40000	208	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	208				
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100				
523	20000	2	EACH	DYNAMIC LOAD TESTING	1	1			
526	30010	474	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				474	
526	90030	146	FT	TYPE C INSTALLATION				146	
530	13000	300	SF	SPECIAL - FORM LINER	300				

STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY AMEREIN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 6 | TOTAL 40
SHEET P.1565 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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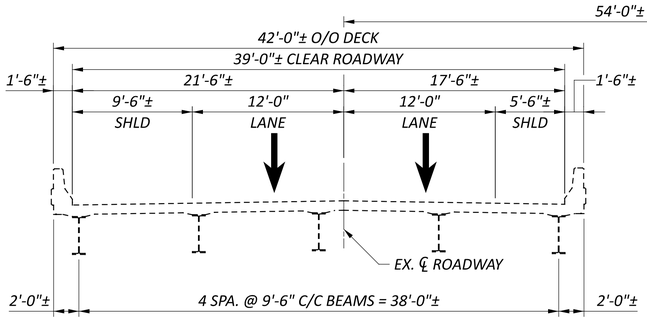
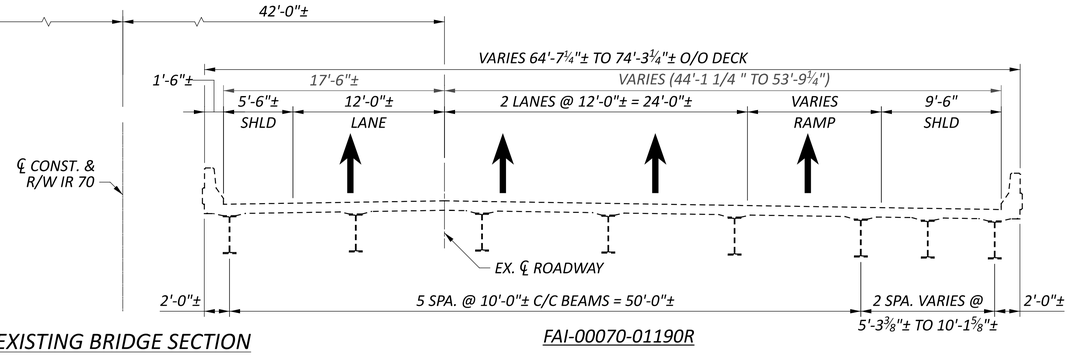


FAI-00070-01190L



EXISTING BRIDGE SECTION

FAI-00070-01190R

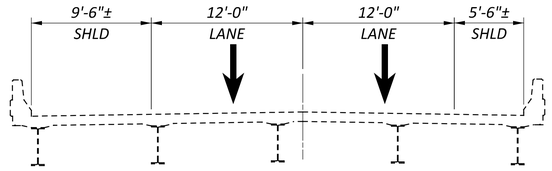
CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL, AND TEMP. WIRE FACE WALLS.



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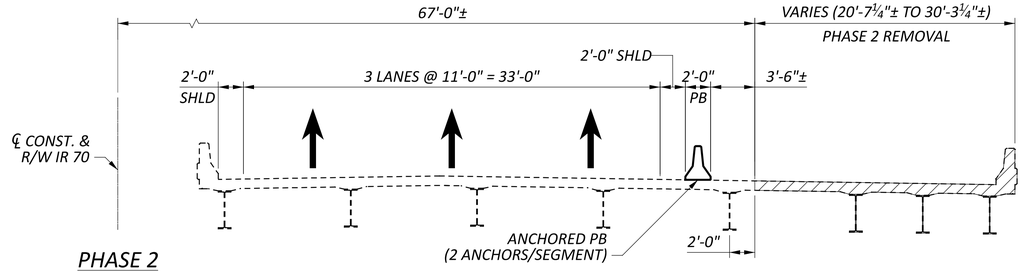
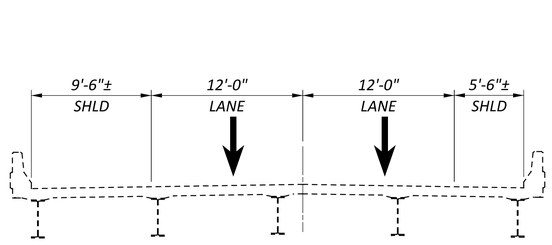


PHASE 2
REMOVAL

FAI-00070-01190R



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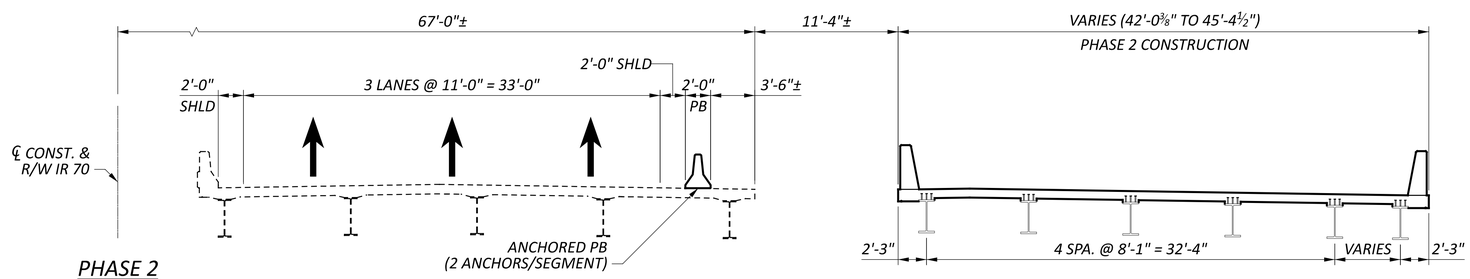
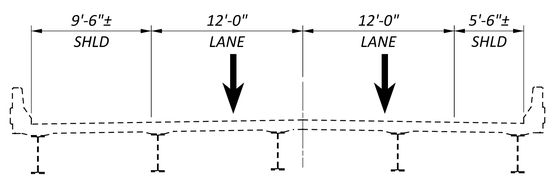


PHASE 2
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



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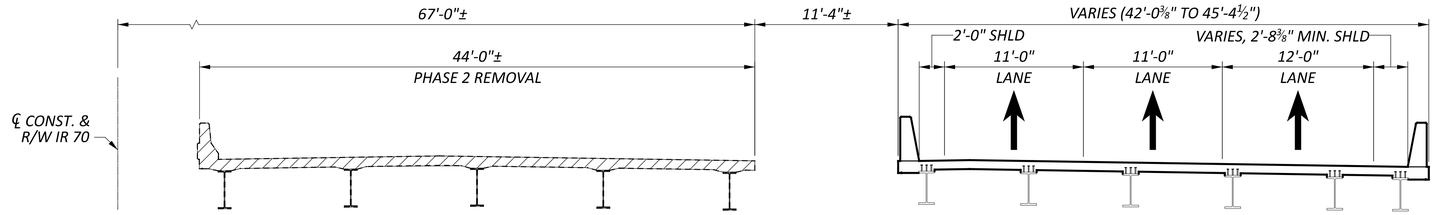

PHASE 3
REMOVAL

FAI-00070-01190R

FAI-00070-01190K

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	7
TOTAL	40
SHEET	P.1566
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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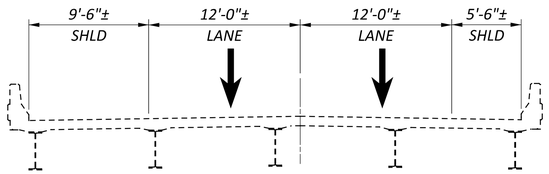

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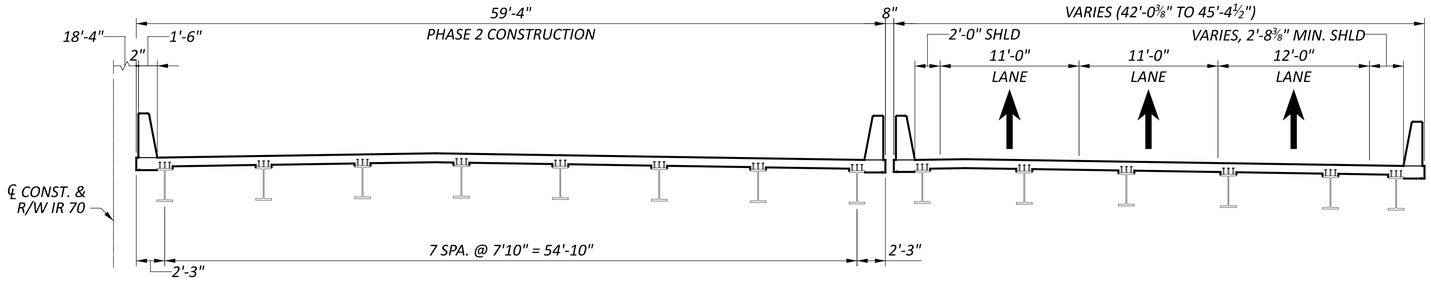
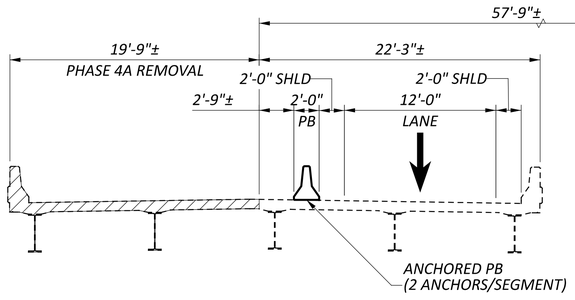
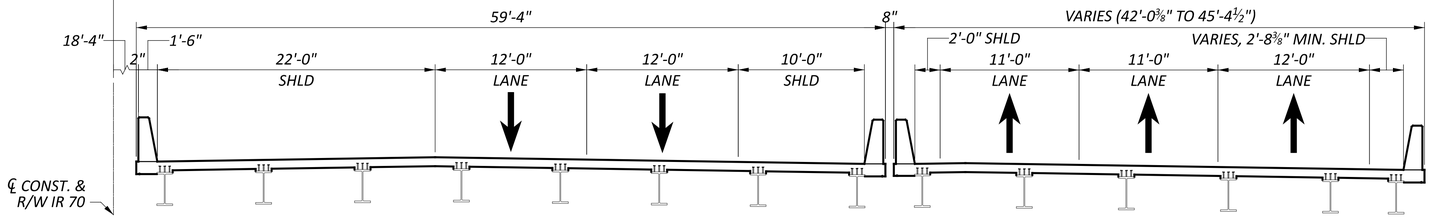


PHASE 3
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



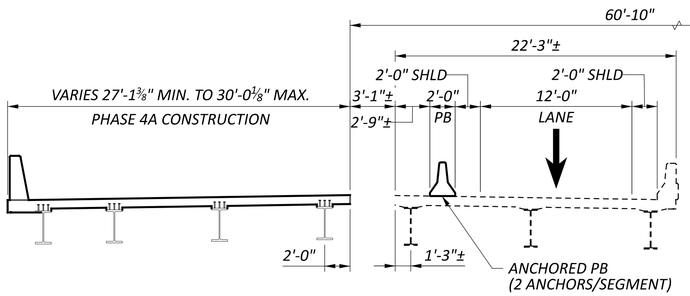


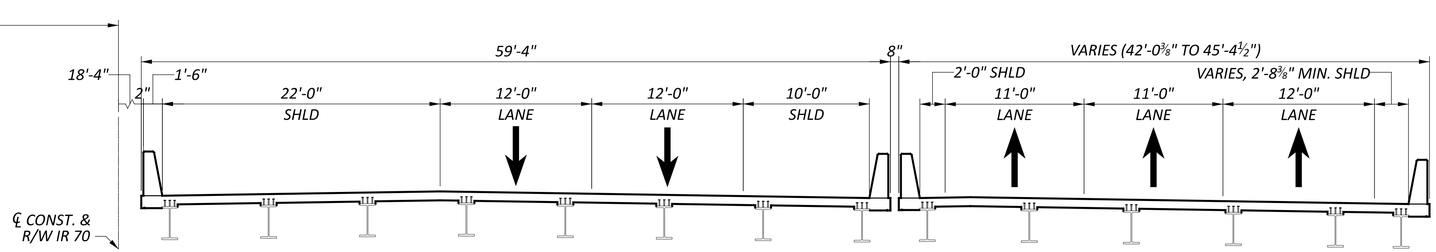
PHASE 4A
REMOVAL

FAI-00070-01190L

FAI-00070-01190R

FAI-00070-01190K





PHASE 4A
CONSTRUCTION

FAI-00070-01190L

FAI-00070-01190R

FAI-00070-01190K

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING MSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
8	40

SHEET	TOTAL
P.1567	P.2024

FAI/LIC-70.0.00/0.00

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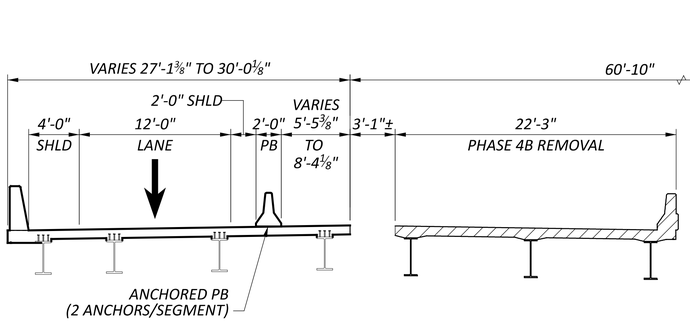

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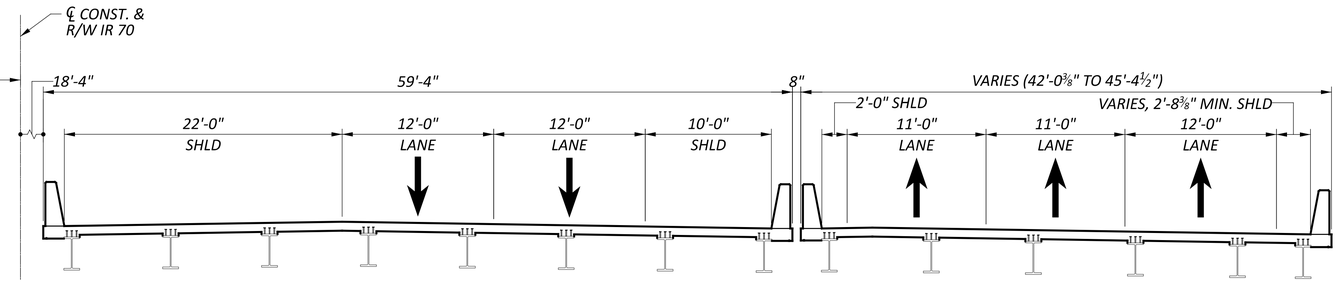

FAI-00070-01190R

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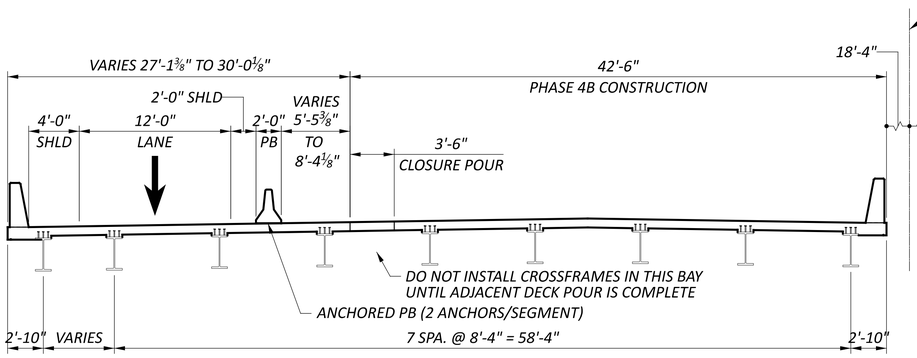
PHASE 4B
REMOVAL



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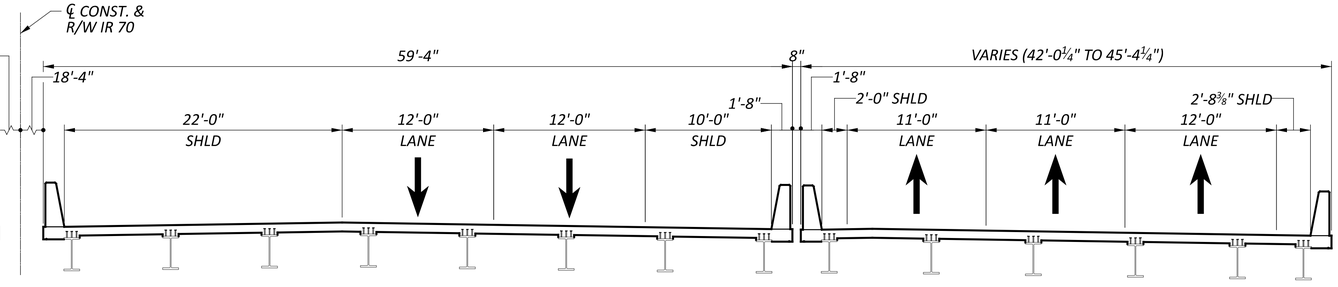

FAI-00070-01190R

FAI-00070-01190K

PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

PHASE CONSTRUCTION DETAILS - 3
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
9	40

SHEET	TOTAL
P.1568	P.2024

FAI/LIC-70.0.00/0.00

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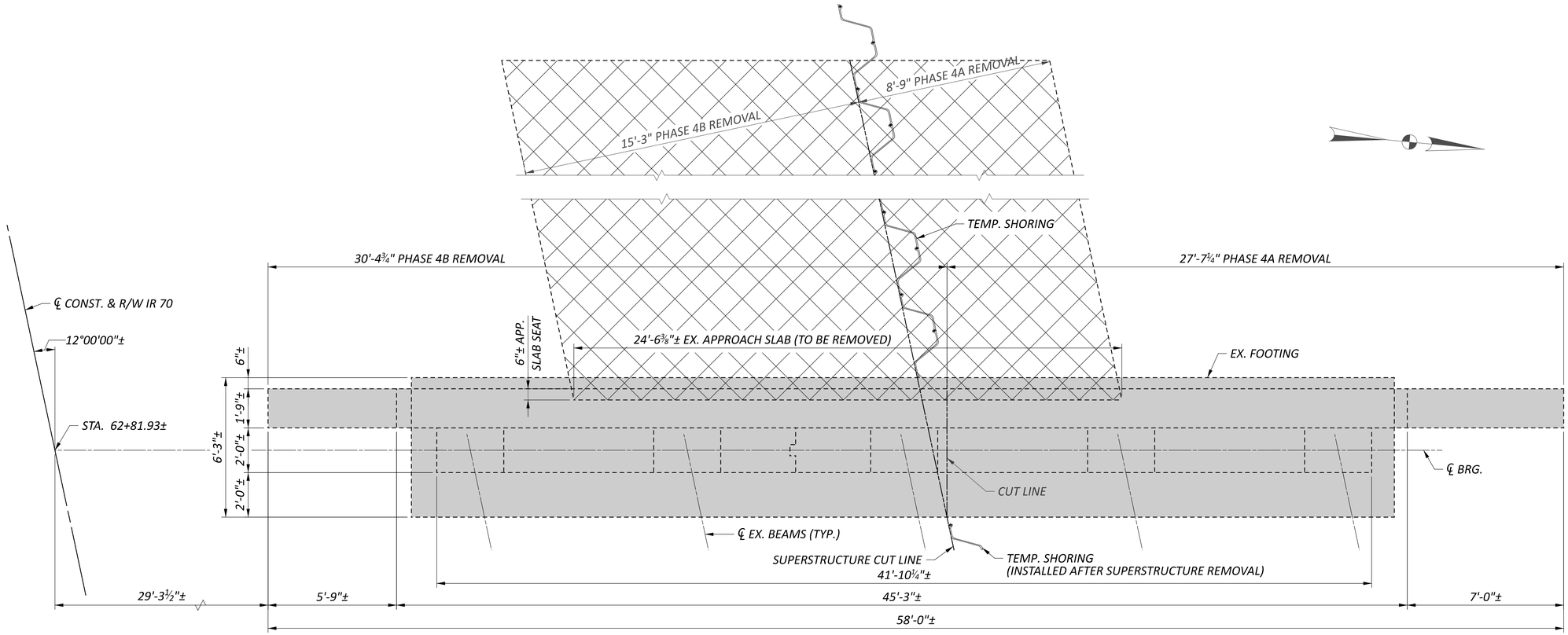
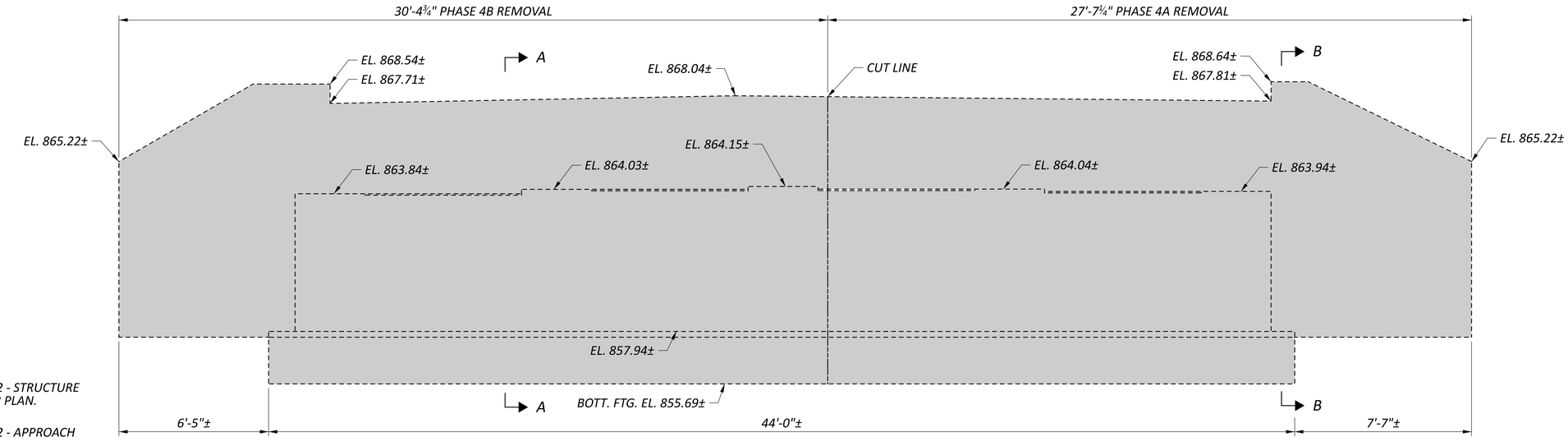


PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/40.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 10 | TOTAL 40
SHEET P.1569 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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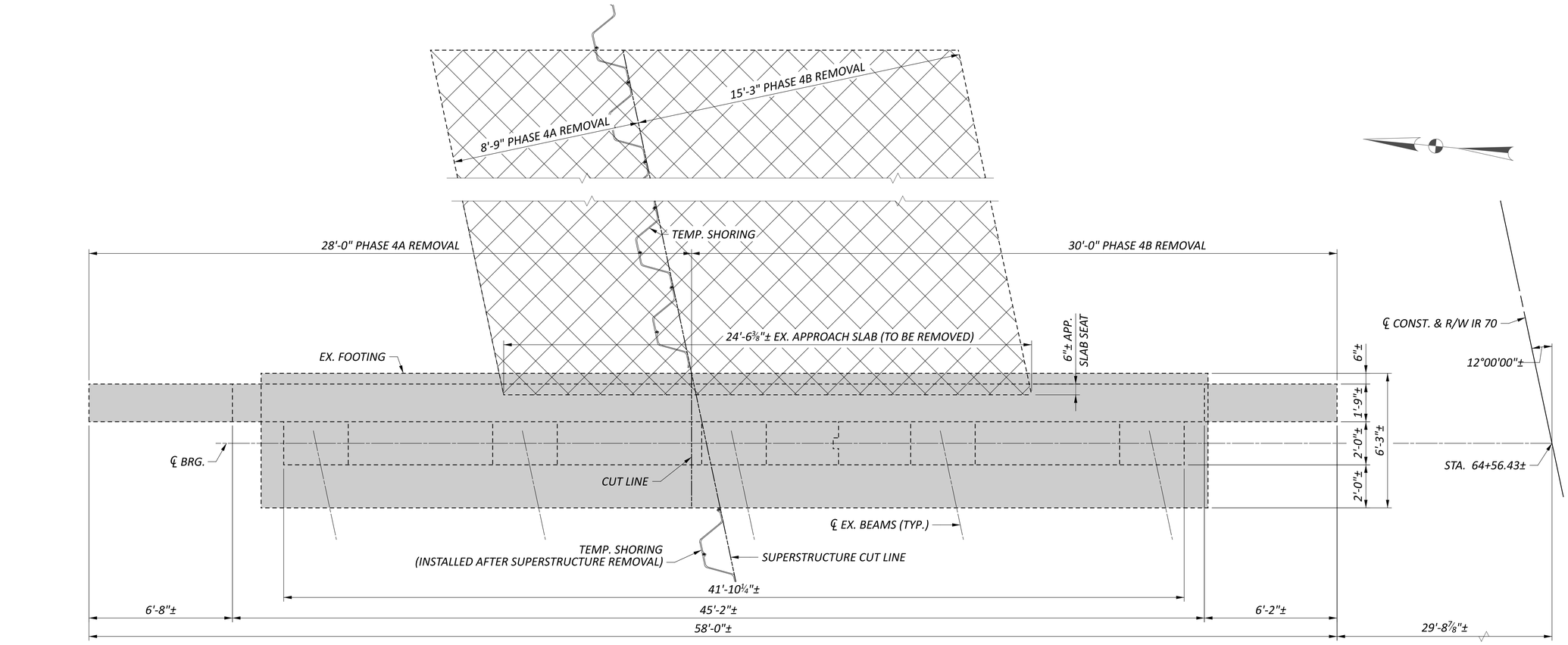
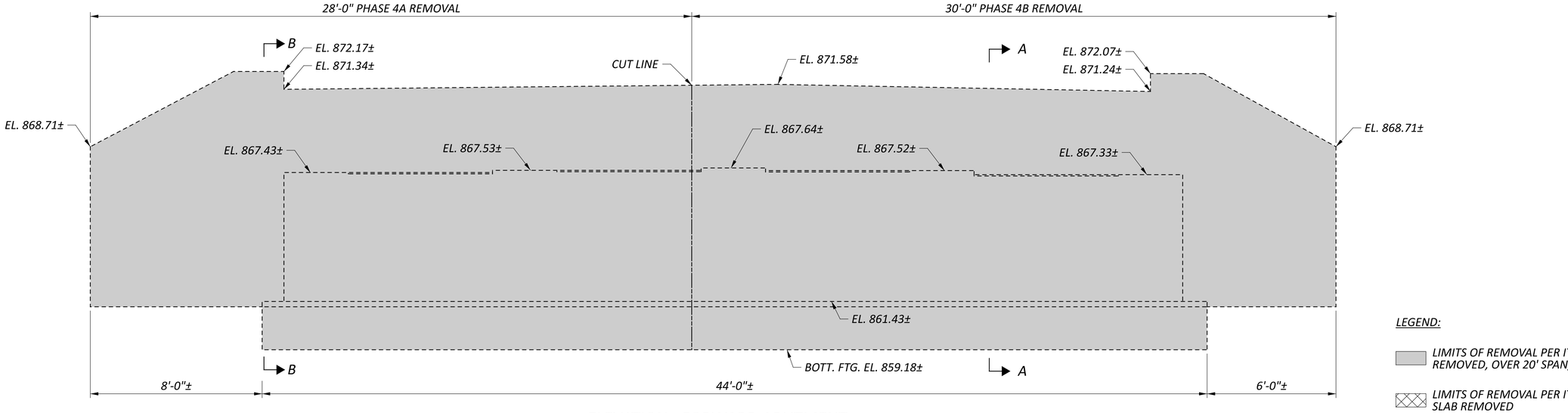


PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/40.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	11
TOTAL	40
SHEET	P.1570
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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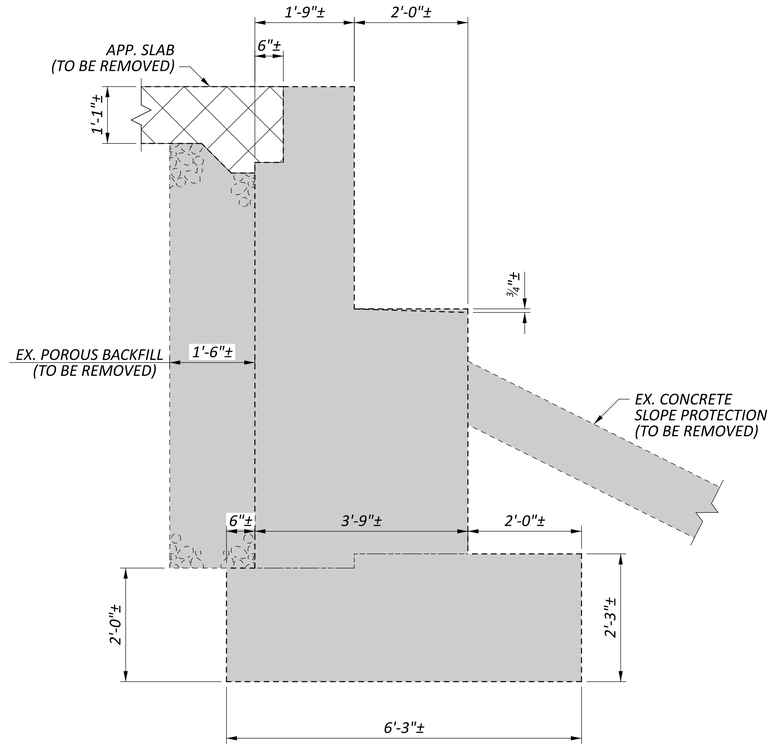
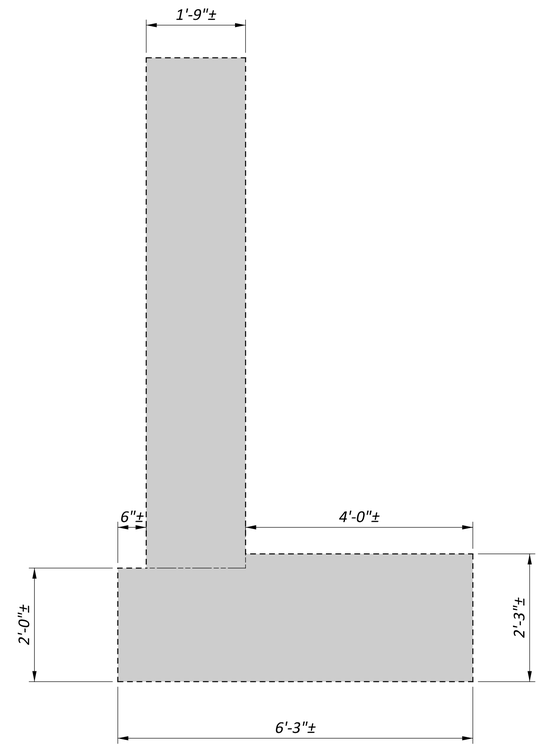


SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	12
TOTAL	40
SHEET	P.1571
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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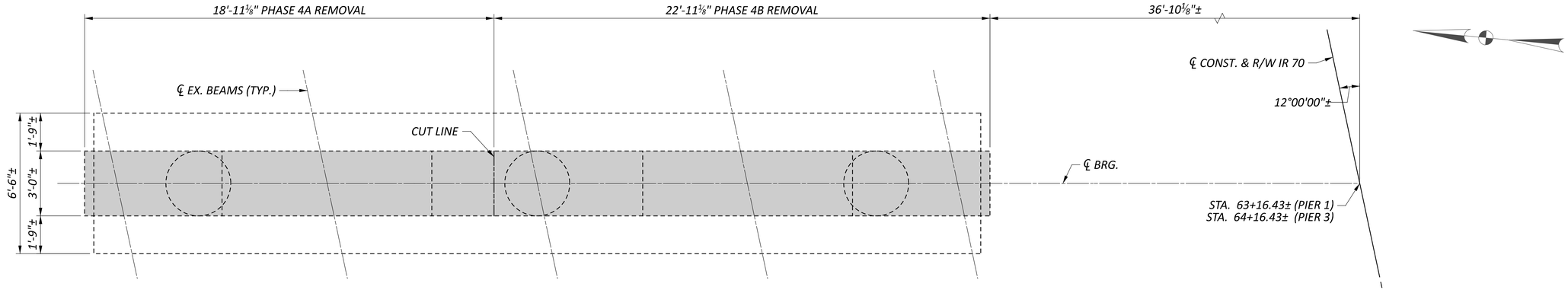
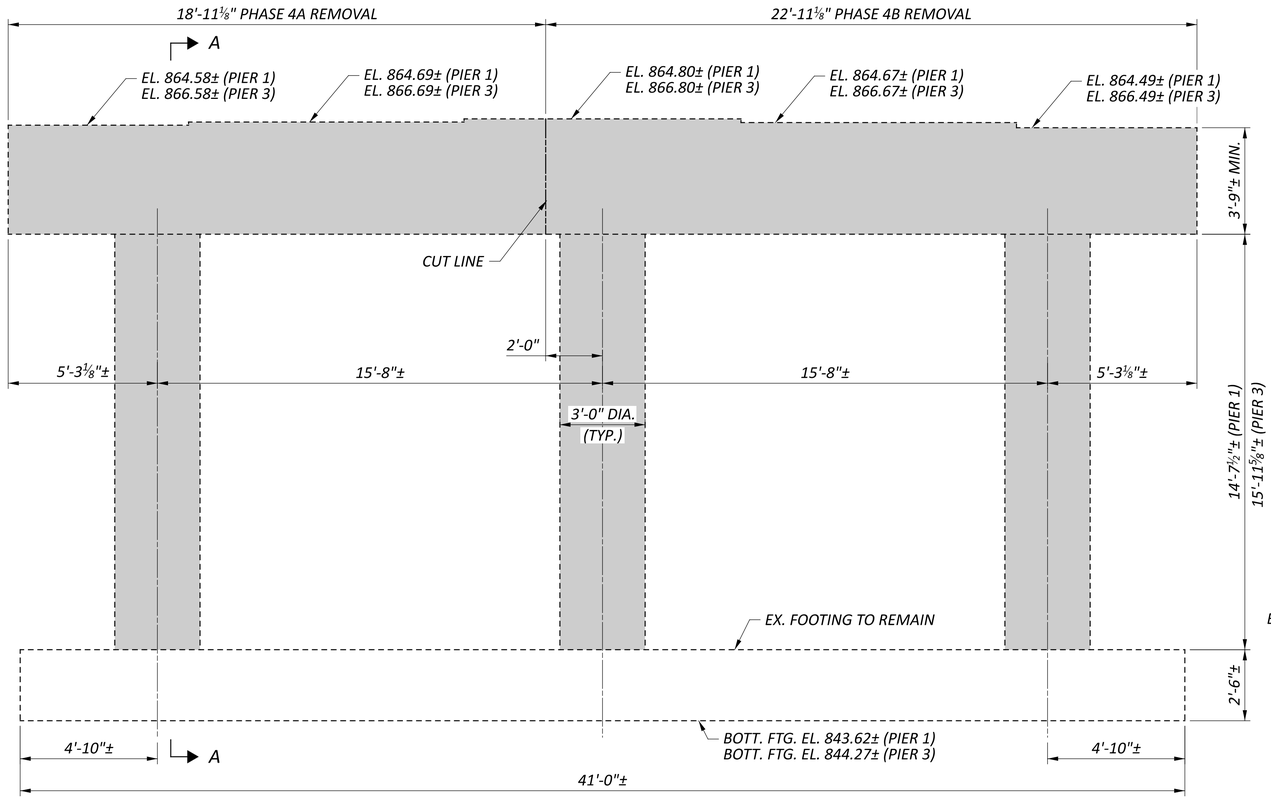
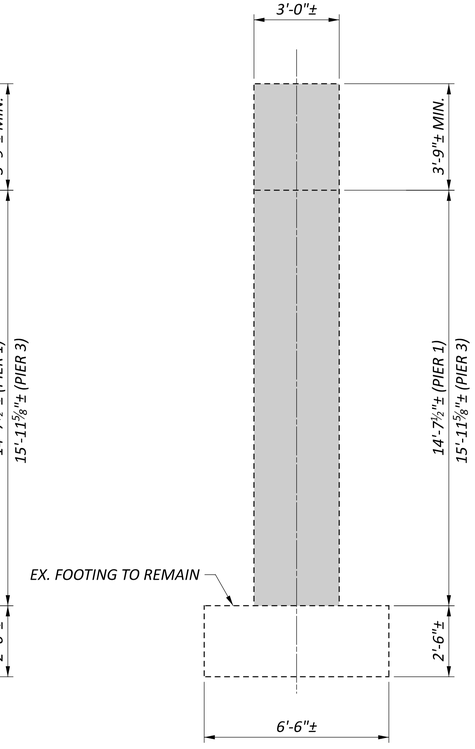


PLAN - PIER 1 & 3



ELEVATION - PIER 1 & 3



SECTION A-A

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	13
TOTAL	40
SHEET	P.1572
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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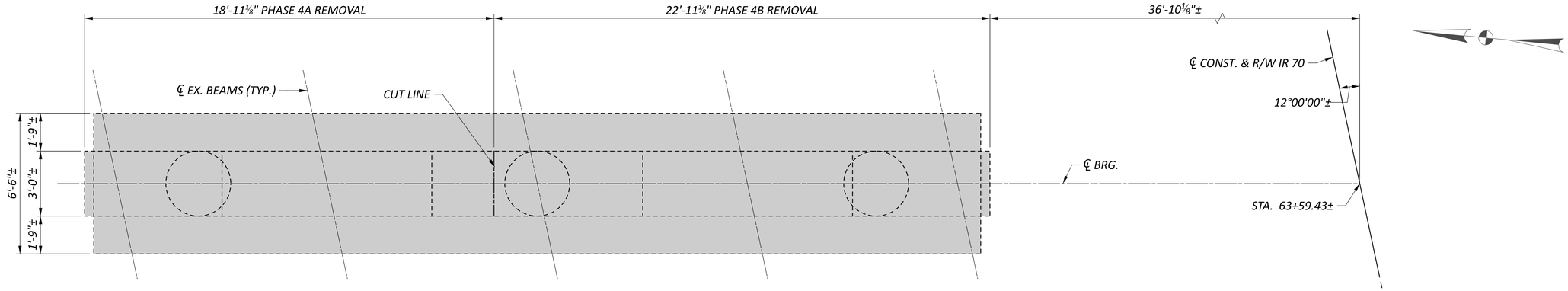
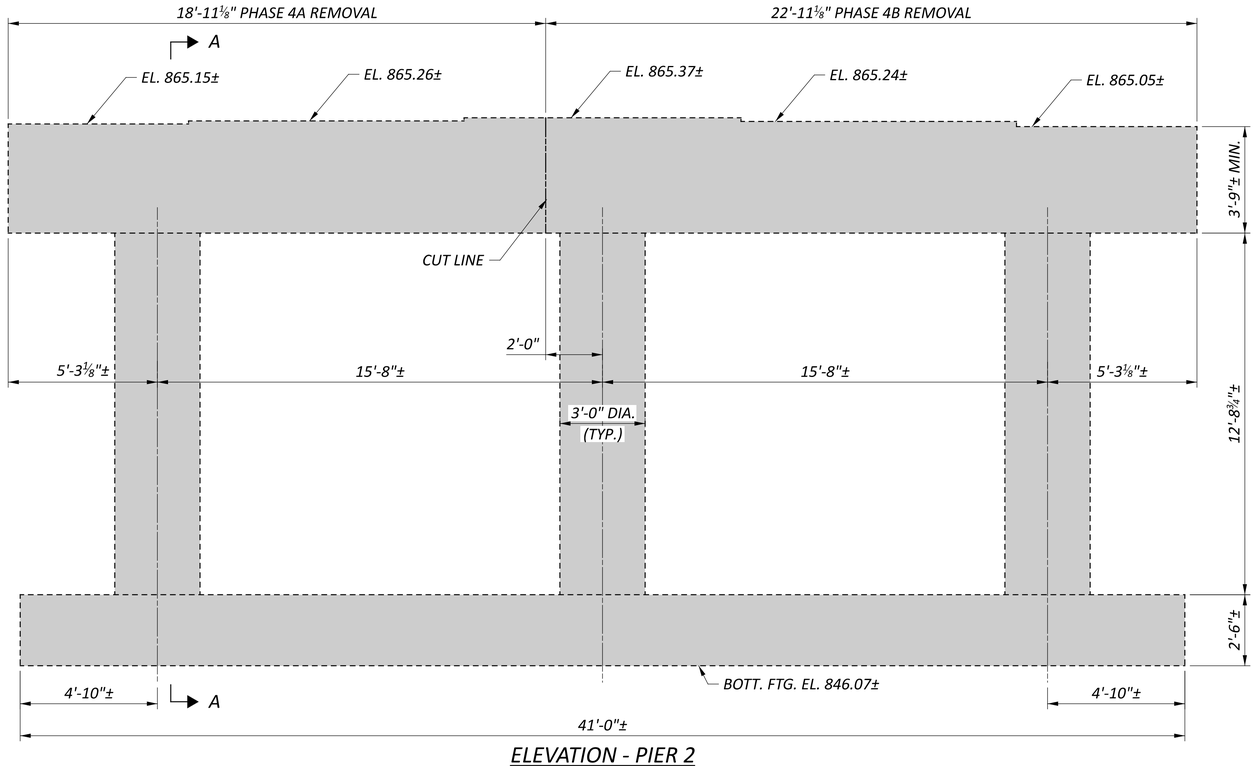
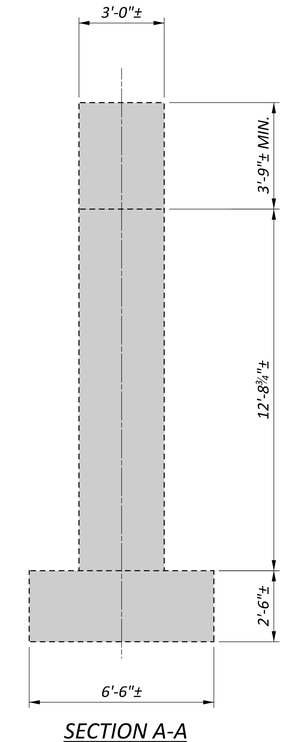


PLAN - PIER 2



ELEVATION - PIER 2



SECTION A-A

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	14
TOTAL	40
SHEET	P.1573
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

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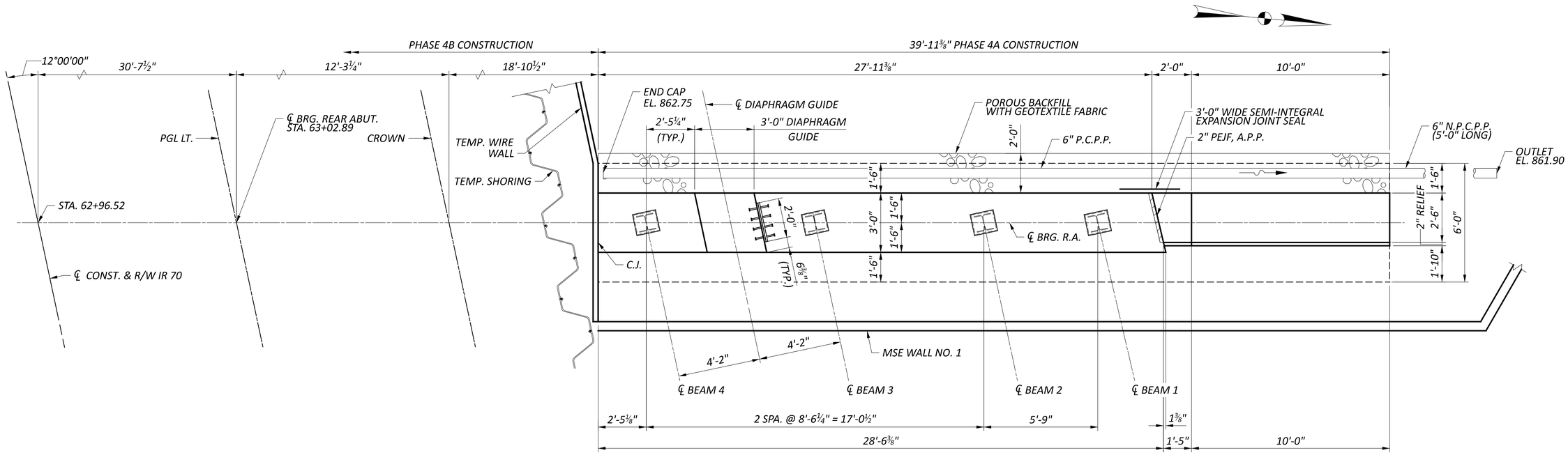
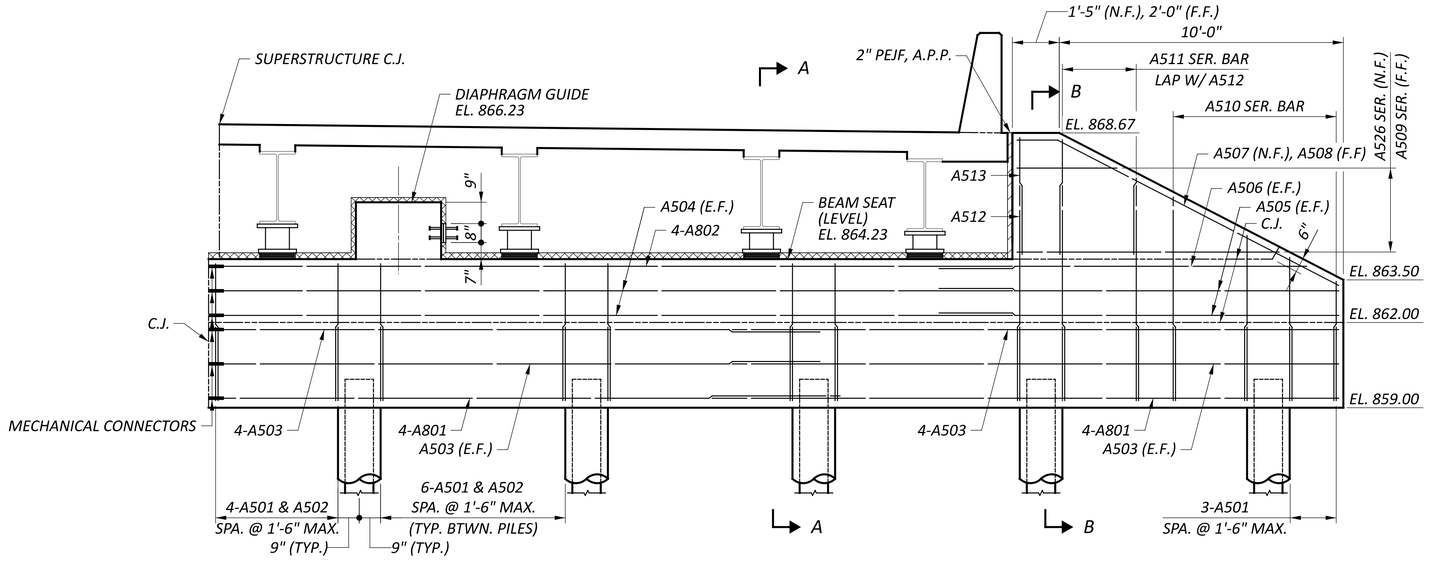
FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 15 | TOTAL 40
SHEET P.1574 | TOTAL P.2024



PLAN - REAR ABUTMENT
PHASE 4A



ELEVATION - REAR ABUTMENT
PHASE 4A

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/40.*
2. *FOR SECTION A-A & B-B, SEE SHEET 20/40.*
3. *FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.*

REAR ABUTMENT DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 16 | TOTAL 40
SHEET P.1575 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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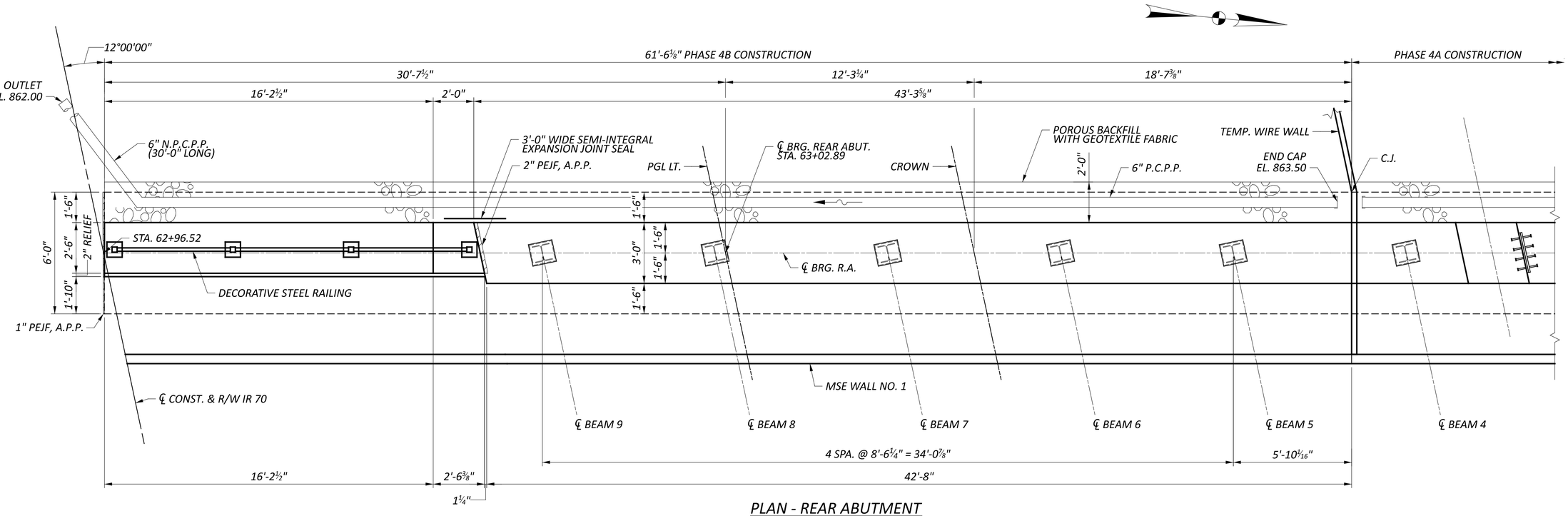
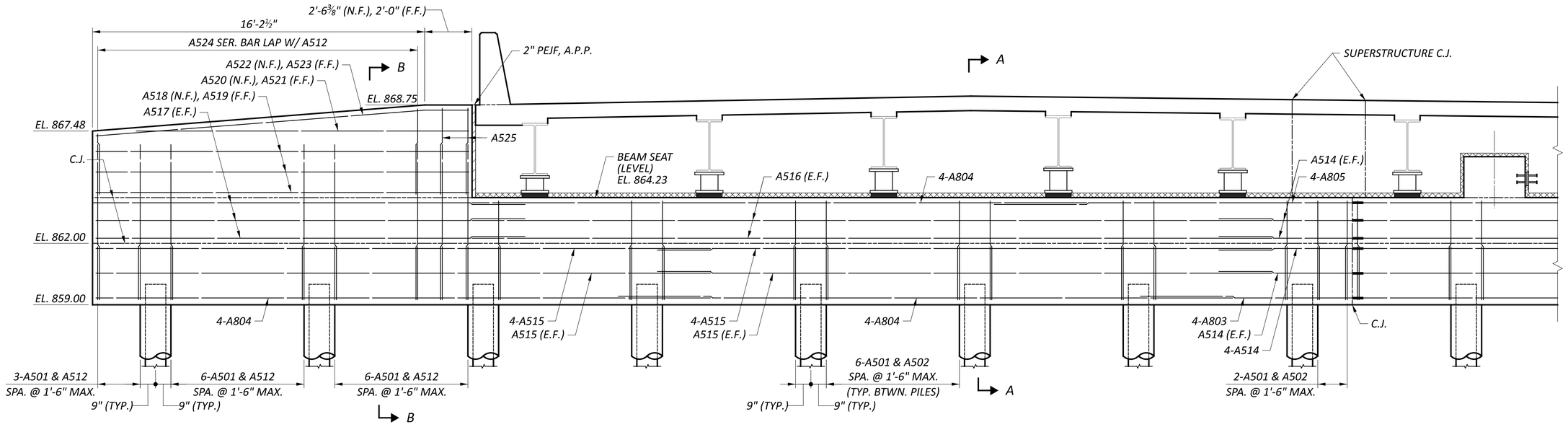


PLAN - REAR ABUTMENT
PHASE 4B



ELEVATION - REAR ABUTMENT
PHASE 4B

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/40.*
2. *FOR SECTION A-A & B-B, SEE SHEET 20/40.*

REAR ABUTMENT DETAILS-2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 17 | TOTAL 40
SHEET P.1576 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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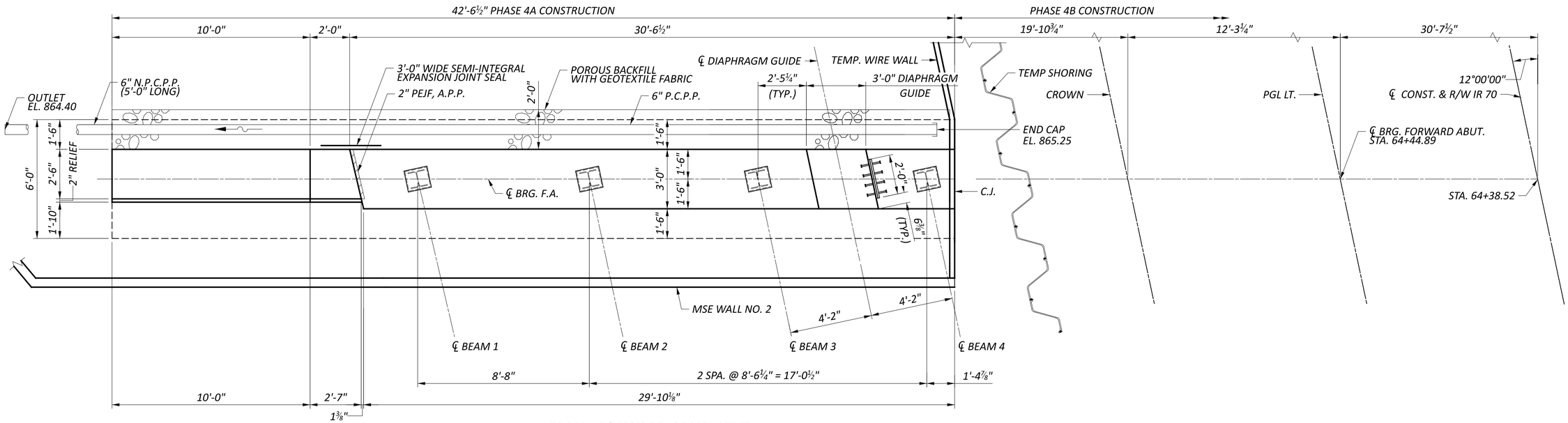
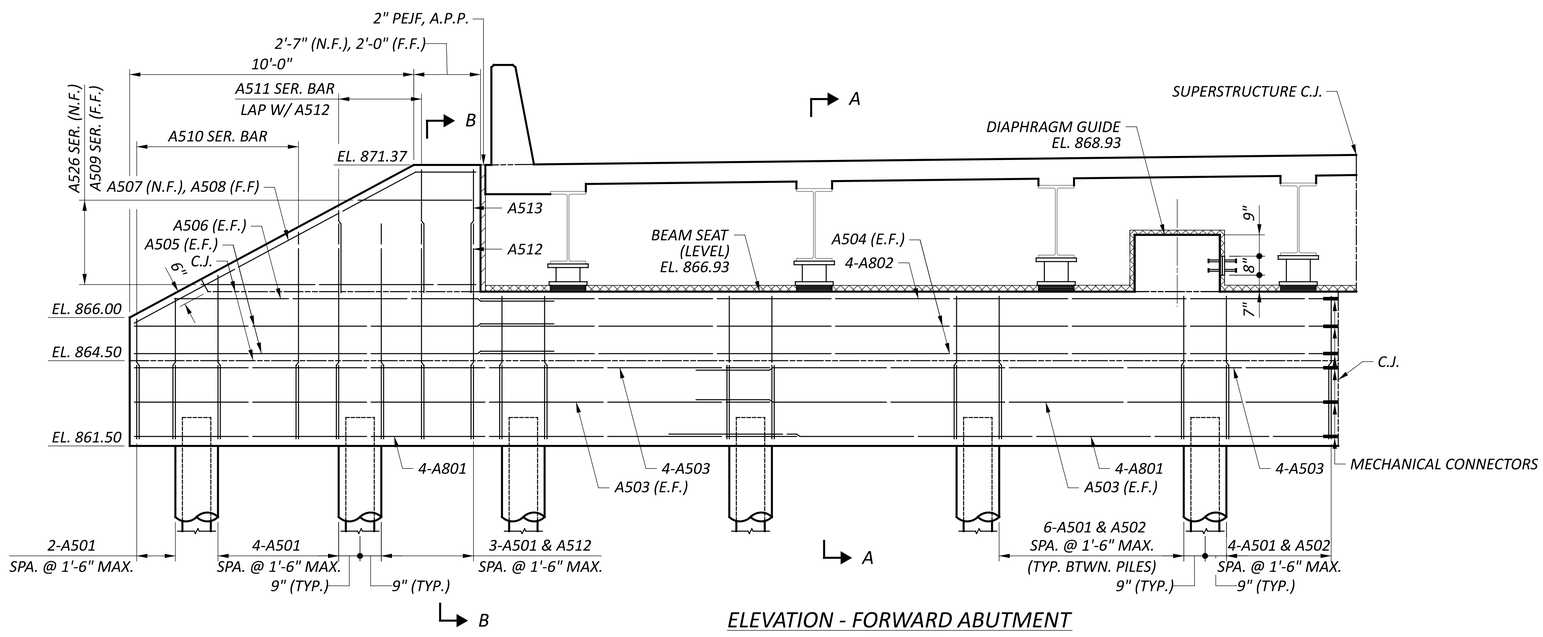


PLAN - FORWARD ABUTMENT
PHASE 4A



ELEVATION - FORWARD ABUTMENT
PHASE 4A

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/40.
2. FOR SECTION A-A & B-B, SEE SHEET 20/40.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

FORWARD ABUTMENT DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 18 | TOTAL 40
SHEET P.1577 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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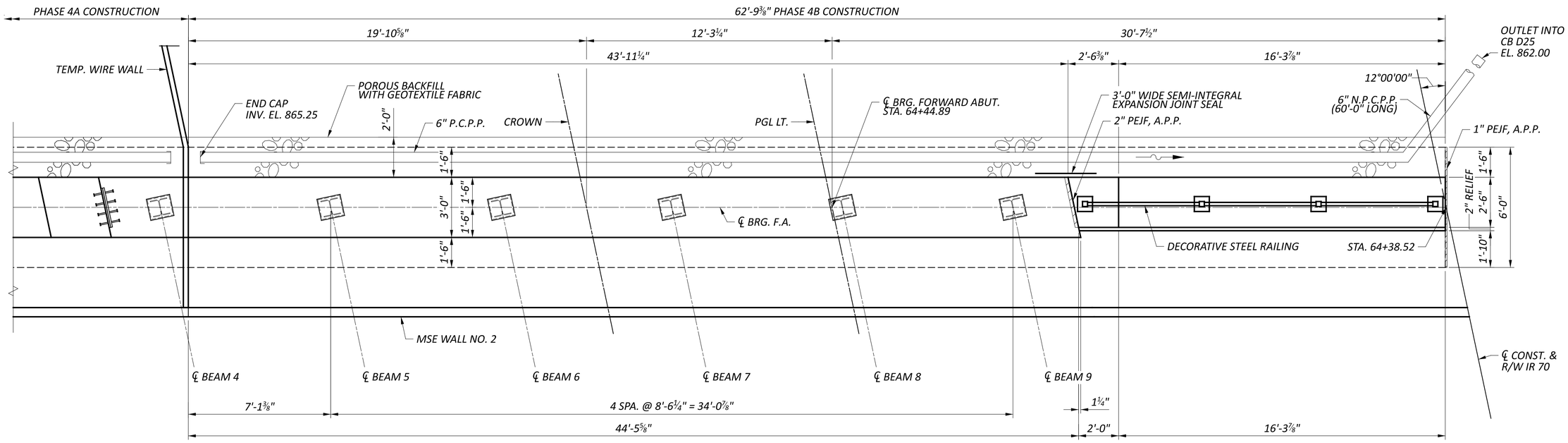
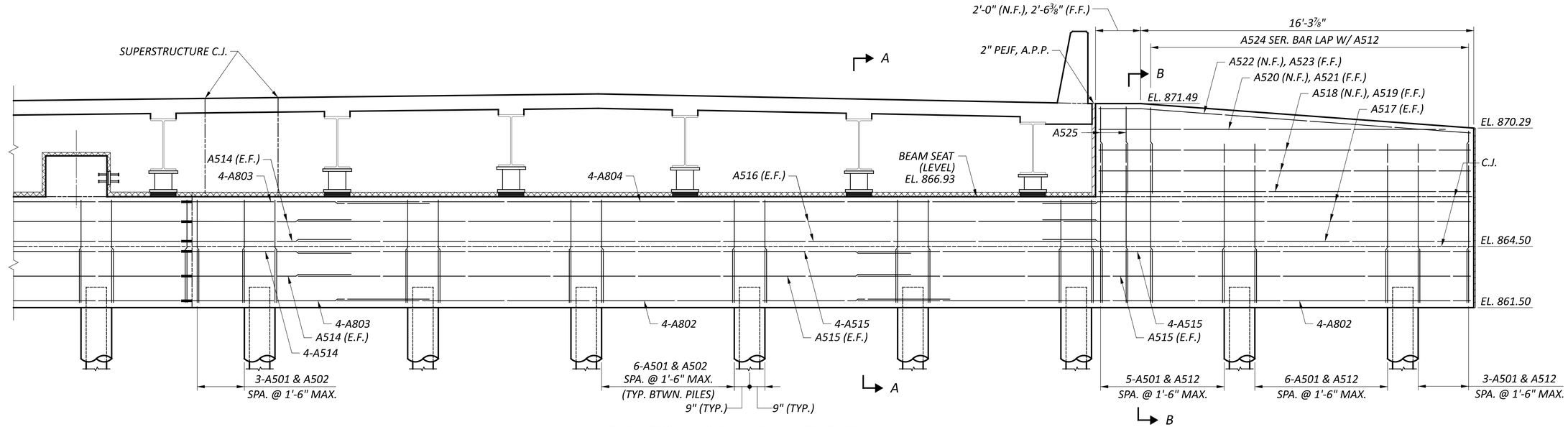


PLAN - FORWARD ABUTMENT
PHASE 4B



ELEVATION - FORWARD ABUTMENT
PHASE 4B

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 15/40.*
2. *FOR SECTION A-A & B-B, SEE SHEET 20/40.*

FORWARD ABUTMENT DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R 256

SFN	2301629
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	19
TOTAL	40
SHEET	P.1578
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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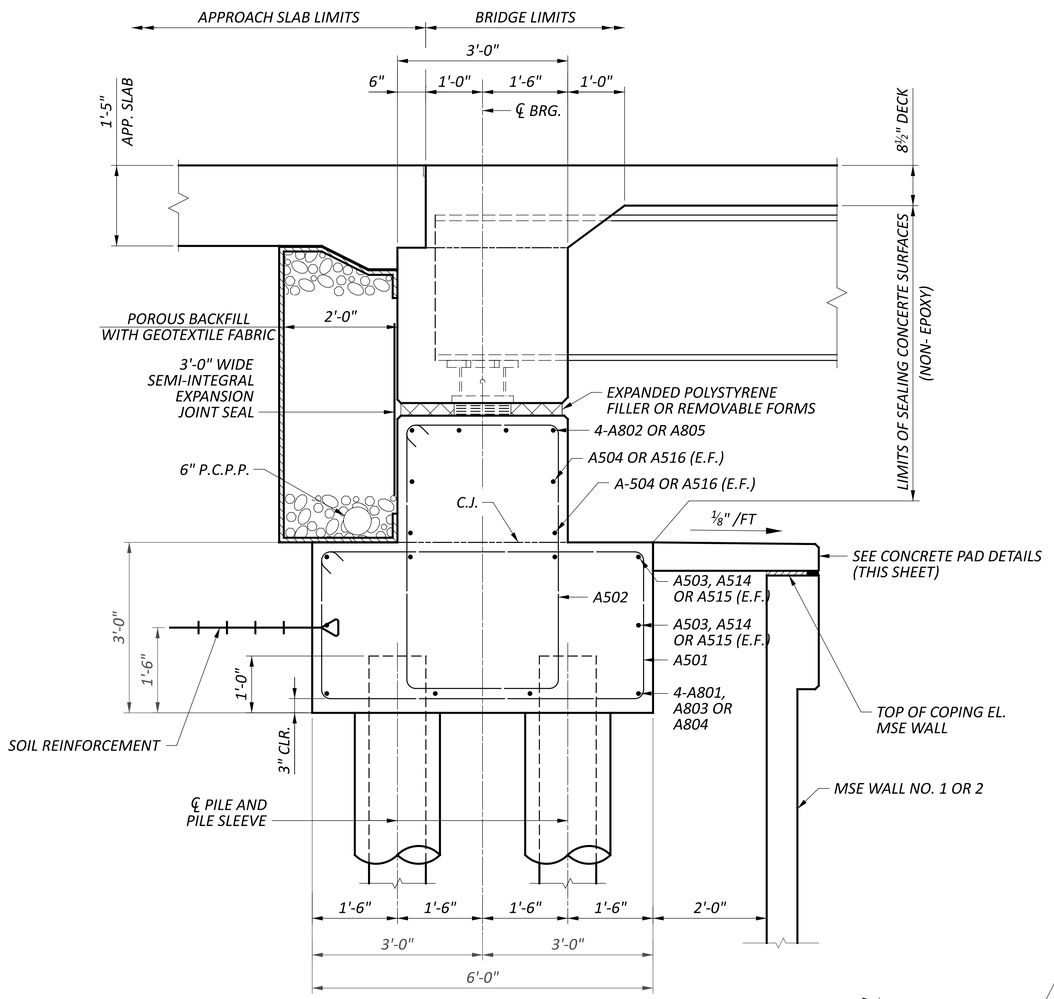
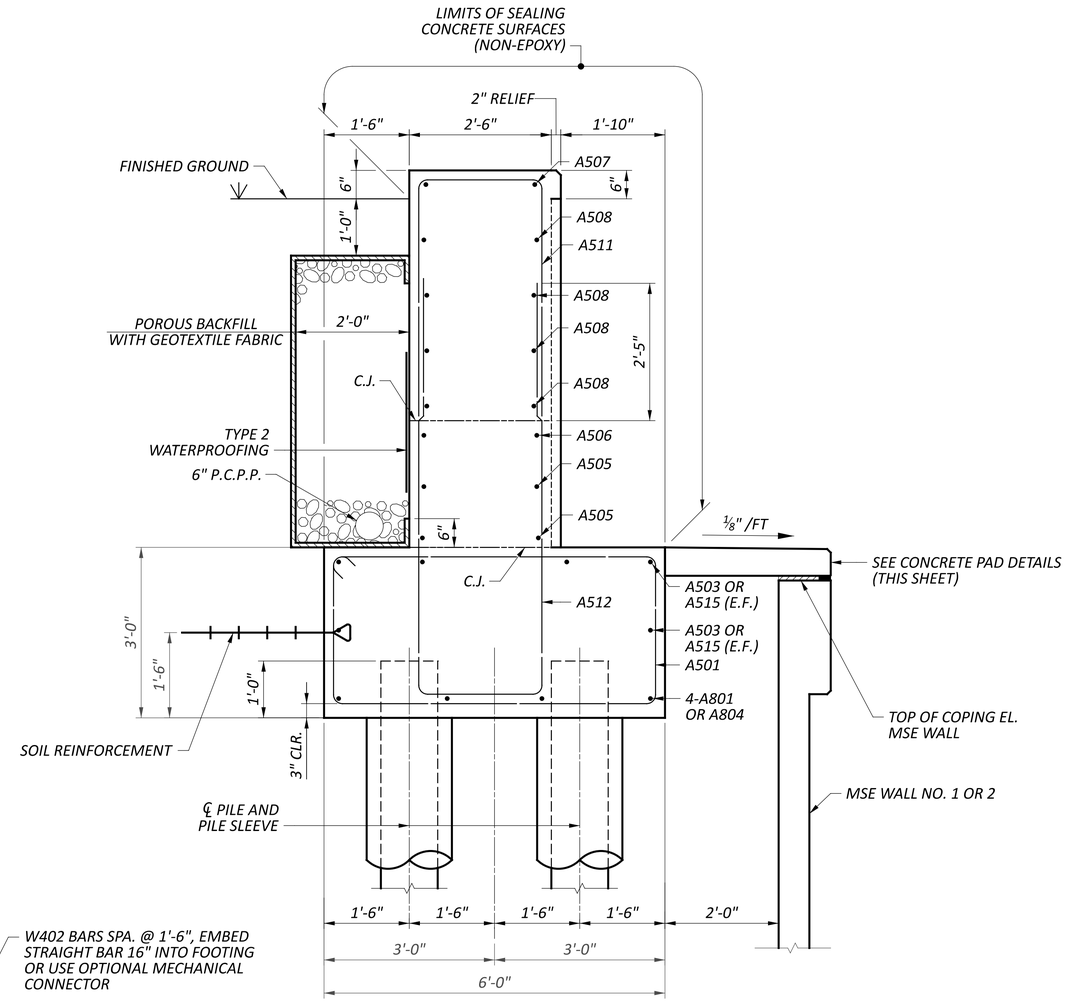
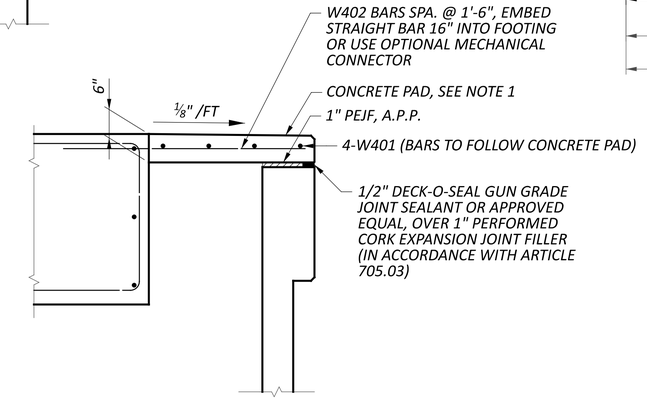


SECTION A-A



SECTION B-B



CONCRETE PAD DETAIL

NOTES

1. FOR ADDITIONAL CONCRETE PAD INFORMATION, SEE MSE WALL DETAILS.

ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	20
TOTAL	40
SHEET	P.1579
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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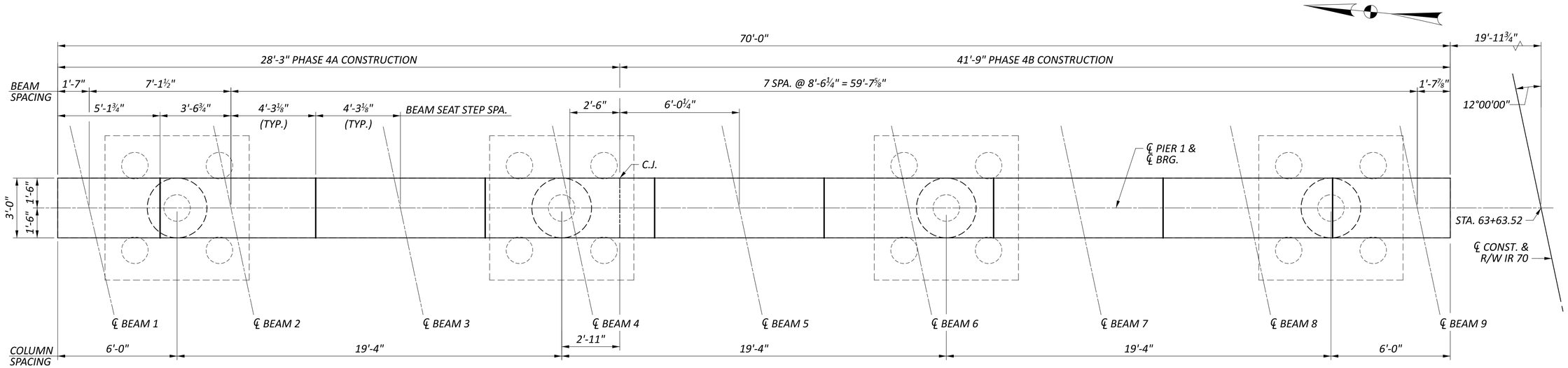
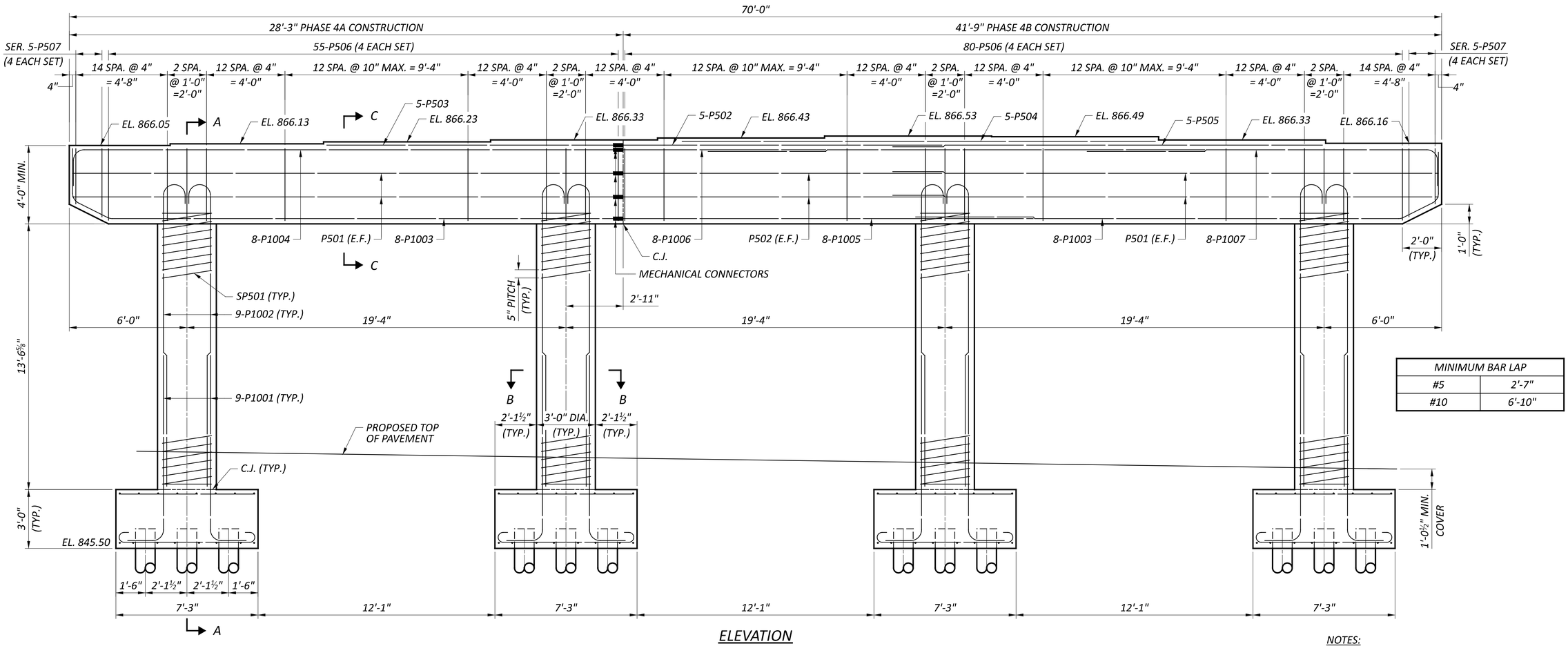


PLAN



ELEVATION

MINIMUM BAR LAP	
#5	2'-7"
#10	6'-10"

NOTES:

1. FOR SECTION A-A, B-B AND C-C, SEE SHEET 22/40.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER PEG | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 21 | TOTAL 40
SHEET P.1580 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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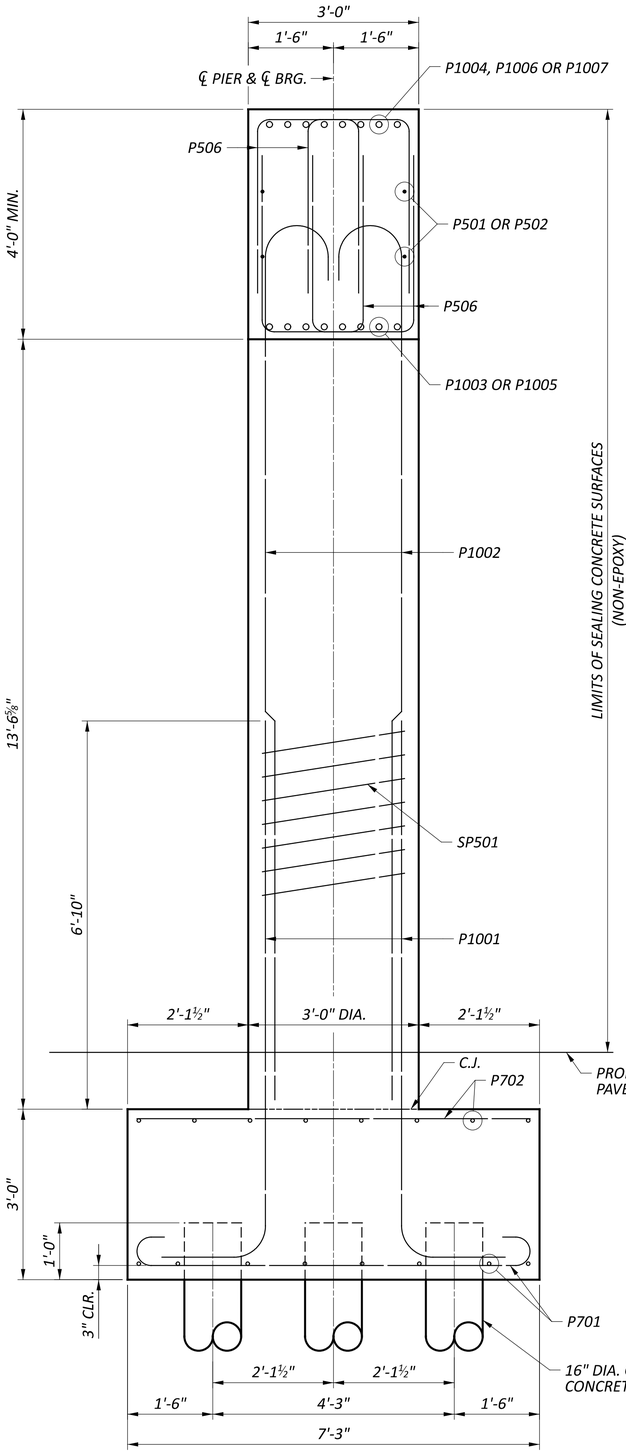
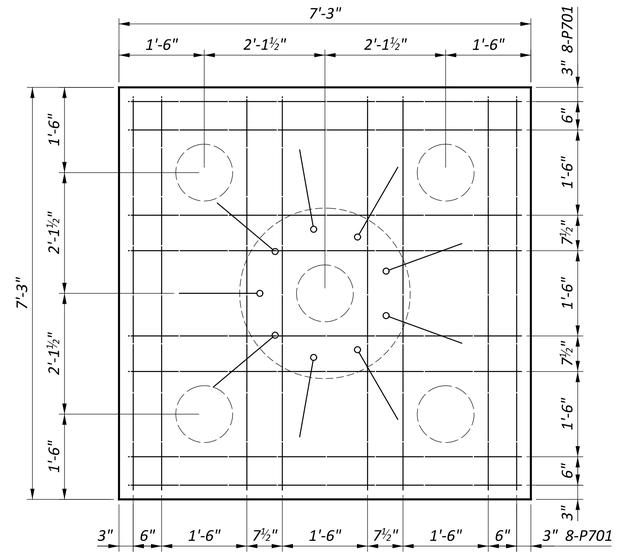
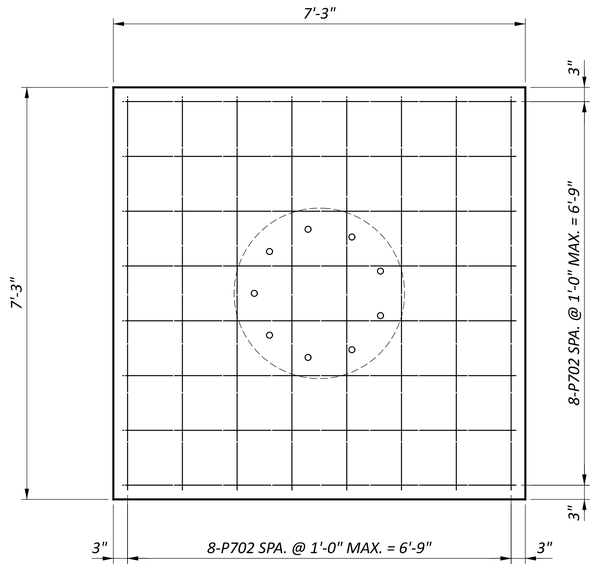


SECTION A-A



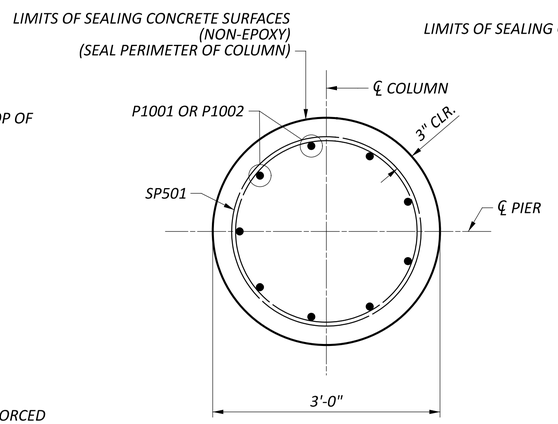
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

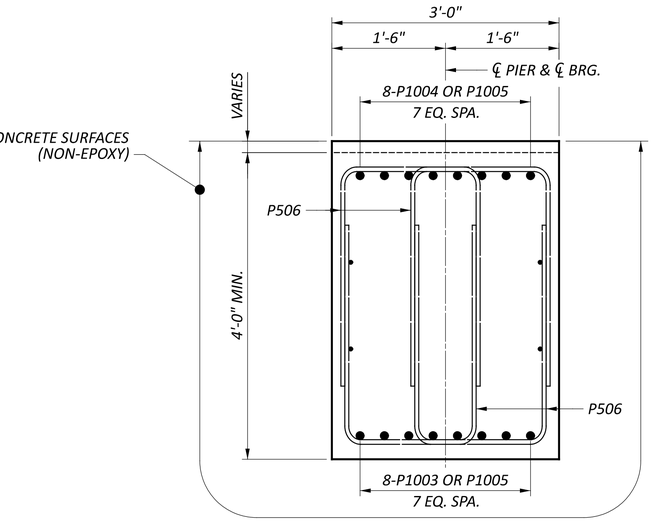


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

FAI/LIC-70.0.00/0.00

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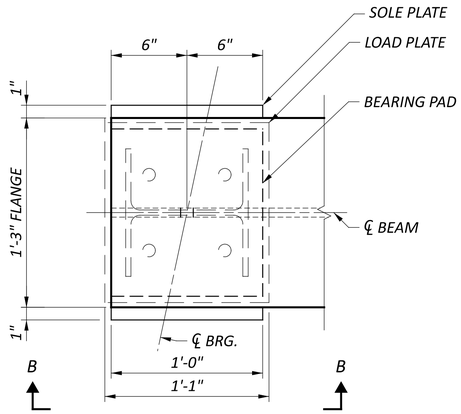
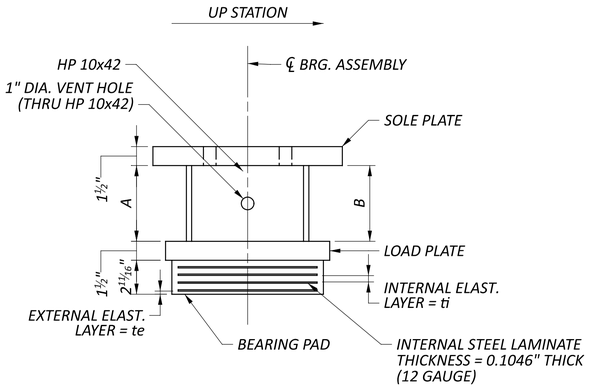
PIER DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	22
TOTAL	40
SHEET	P.1581
TOTAL	P.2024

BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
1-9	REAR ABUT.	EXPANSION	9	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
1-9	FWD. ABUT.	EXPANSION	9	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

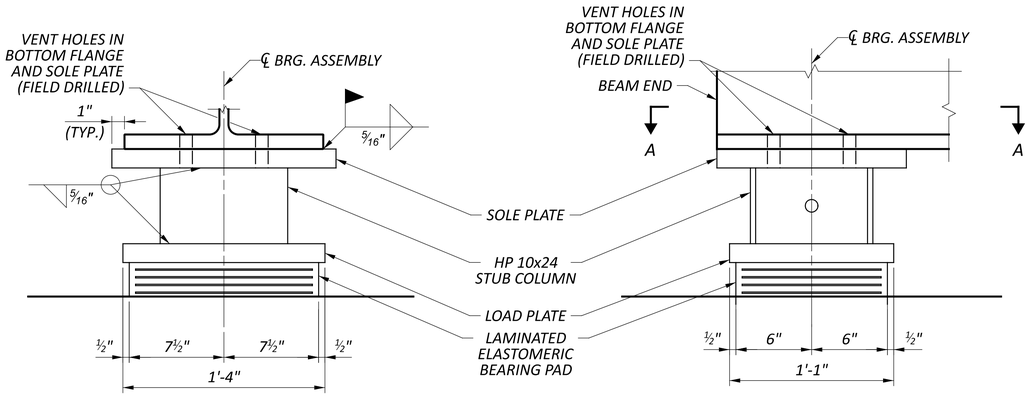


SECTION A-A



SECTION B-B

FAI-00070-01190 L HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 1	5 15/16"	6 1/16"	5 15/16"	6 1/16"
BEAM 2	6 11/16"	6 7/8"	7 1/8"	7 5/16"
BEAM 3	7 7/8"	8 1/16"	8 5/16"	8 1/2"
BEAM 4	9 1/16"	9 1/4"	9 1/2"	9 11/16"
BEAM 5	10 1/4"	10 7/16"	10 11/16"	10 7/8"
BEAM 6	11 7/16"	11 5/8"	11 7/8"	1' - 0 1/16"
BEAM 7	11 1/16"	11 1/4"	11 7/16"	11 5/8"
BEAM 8	9 1/16"	9 1/4"	9 7/16"	9 5/8"
BEAM 9	7 1/16"	7 1/4"	7 7/16"	7 5/8"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 23 | TOTAL 40
SHEET P.1582 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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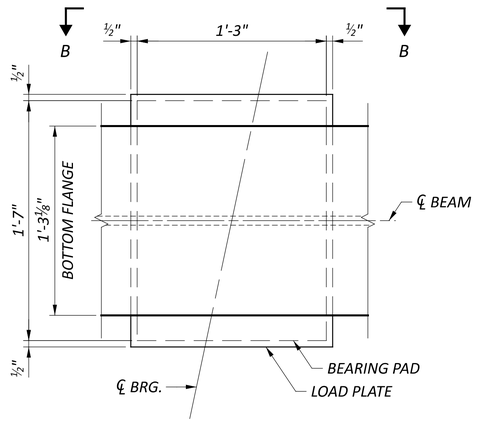
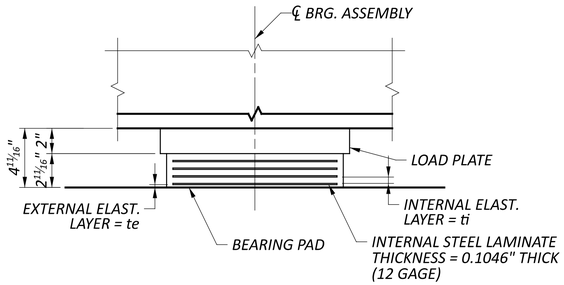
BEARING SCHEDULE

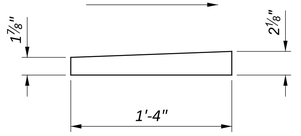
BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L x W x T
1-9	PIER 1	EXPANSION	9	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



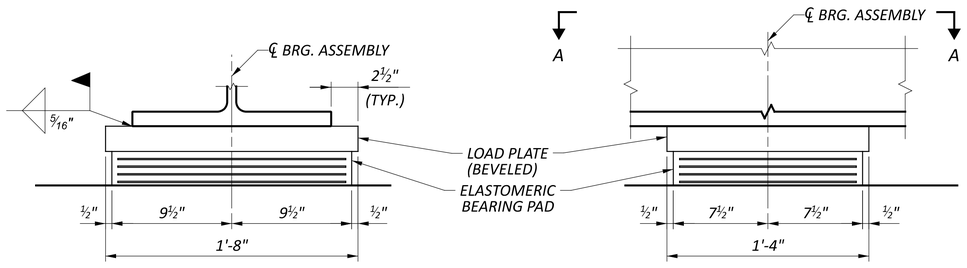
SECTION A-A



SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE



EXPANSION BEARINGS AT PIER 1

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY: STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
24	40

SHEET	TOTAL
P.1583	P.2024

FAI/LIC-70.0.00/0.00

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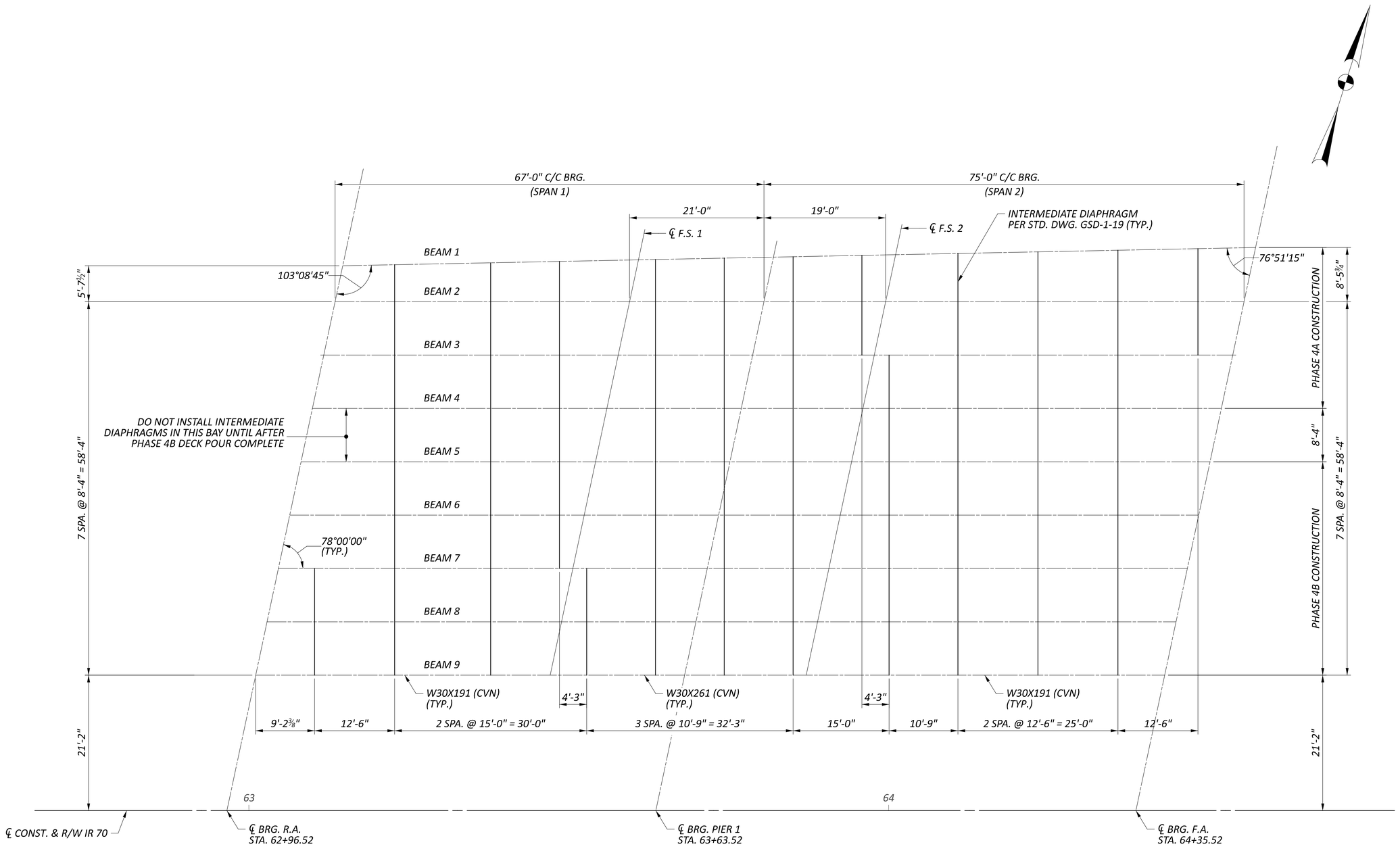

FRAMING PLAN - LEFT BRIDGE

NOTES:

1. FOR BEAM DETAILS, SEE SHEET 26 & 27/40.
2. ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.

FRAMING PLAN

BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	WEPFER STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	25
TOTAL	40
SHEET	P.1584
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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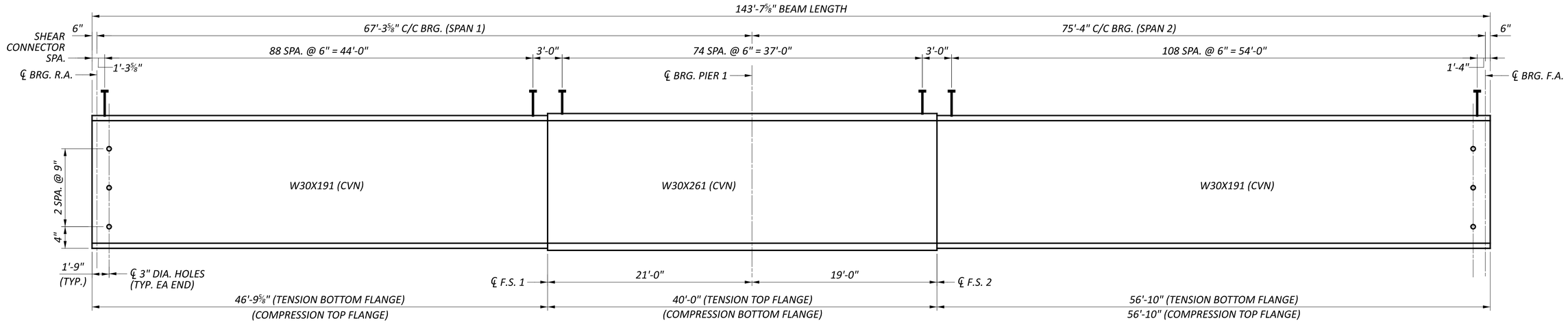
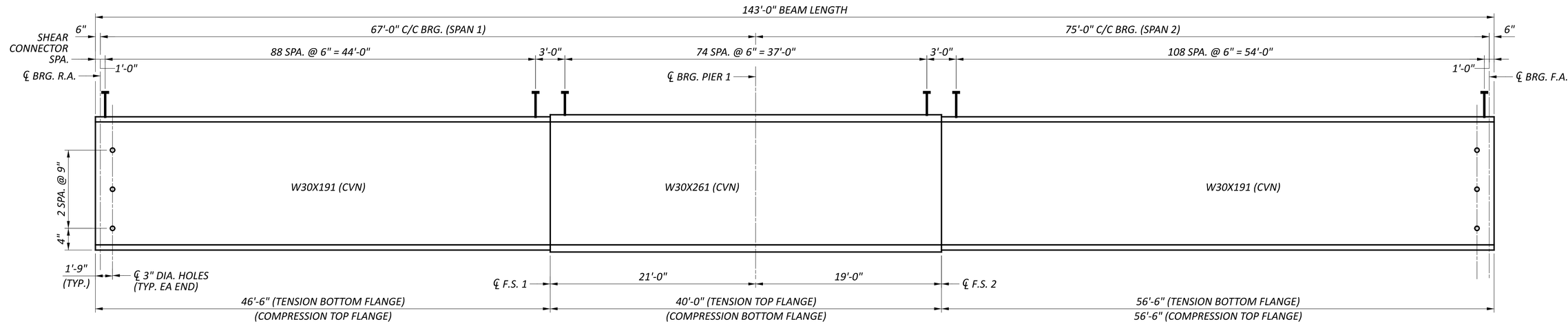
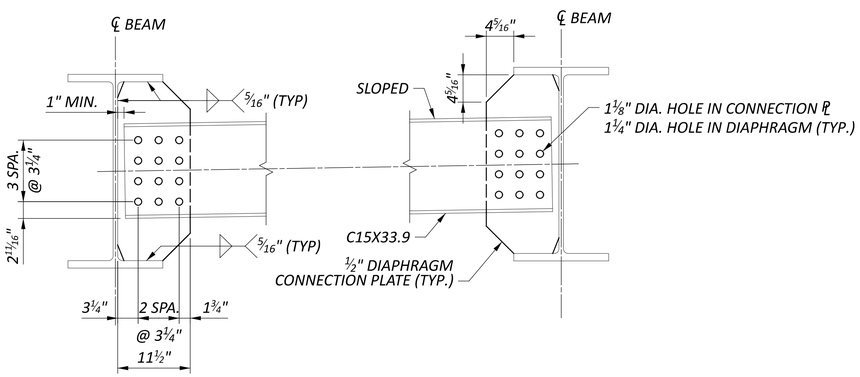


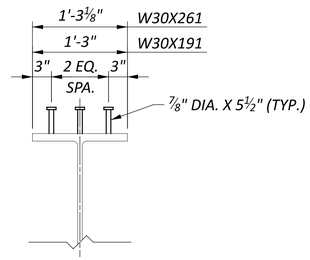
BEAM 1 ELEVATION



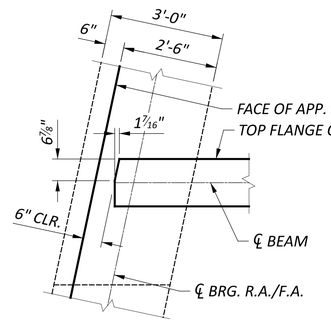
BEAM 2-9 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. *FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19*
2. *CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.*
3. *HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.*
4. *WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.*

BEAM DETAILS - 1

BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 26 | TOTAL 40
SHEET P.1585 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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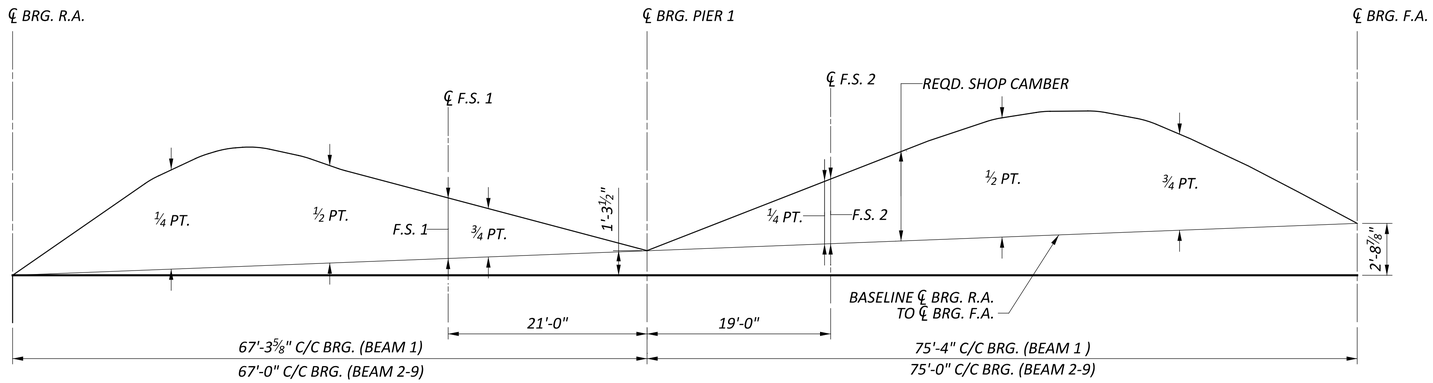
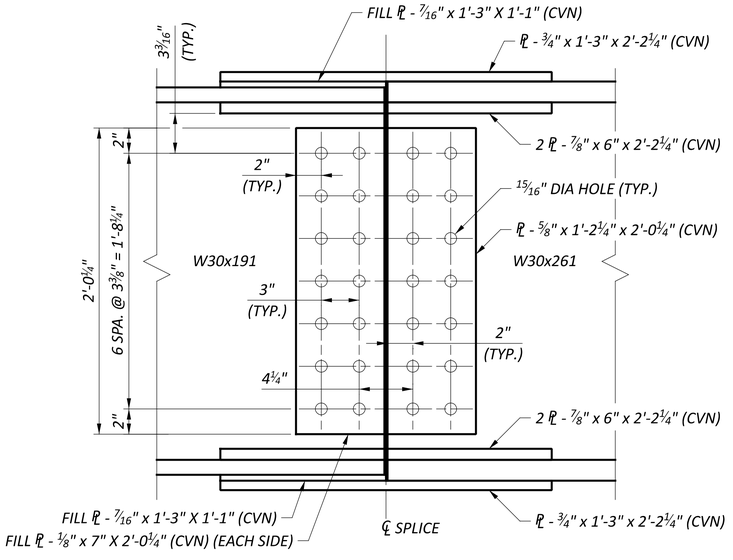
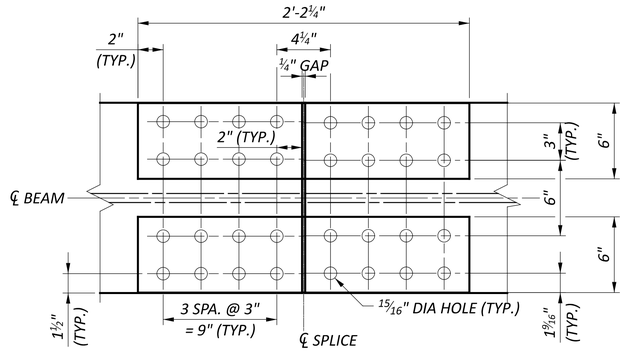
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 1 - 9)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	9/16"	9/16"	5/16"	3/16"	0"	5/8"	11/16"	1 5/16"	1 1/16"	0"



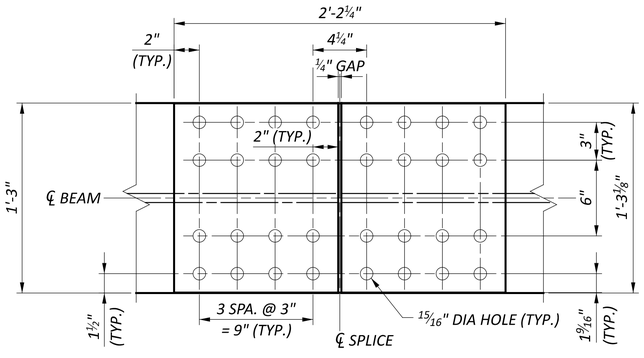
CAMBER AND BLOCKING DIAGRAM - BEAMS 1-9



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	27
TOTAL	40
SHEET	P.1586
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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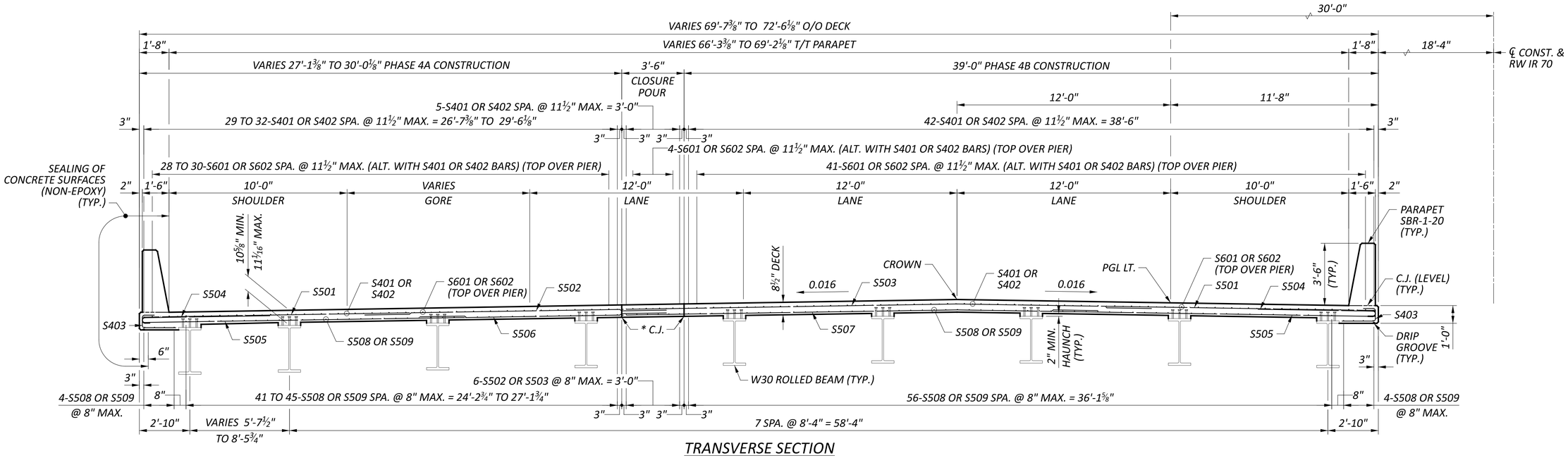

TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

* SEAL WITH HMWM, 2'-0" WIDE CENTERED ON JOINT

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
BWJ	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
28	40

SHEET	TOTAL
P.1587	P.2024

FAI/LIC-70.0.00/0.00

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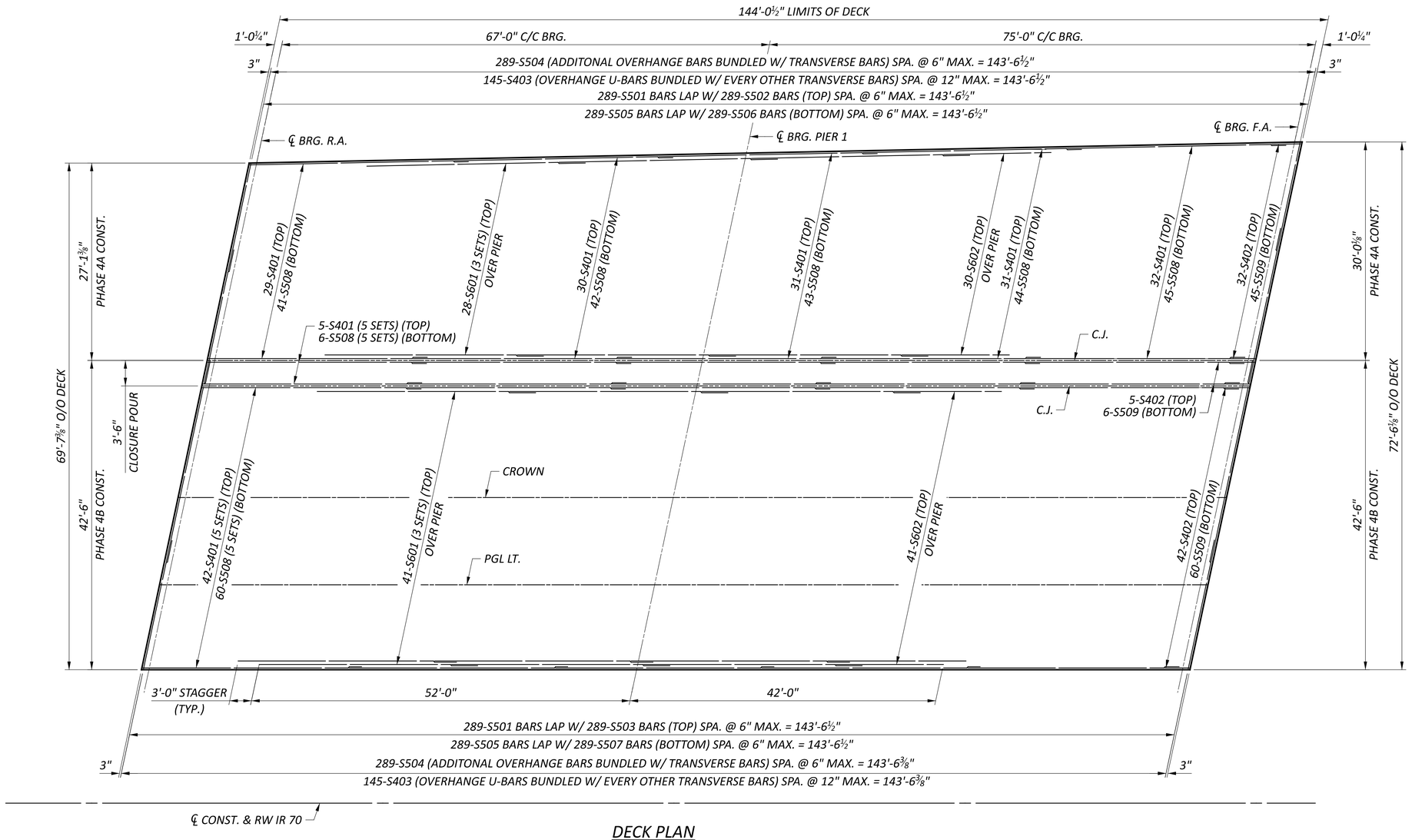

DECK PLAN

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

NOTES:

1. FOR TRANSVERSE SECTION, SEE SHEET 28/40.

DECK PLAN
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
BJW	SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
29	40

SHEET	TOTAL
P.1588	P.2024

FAI/LIC-70.0.00/0.00

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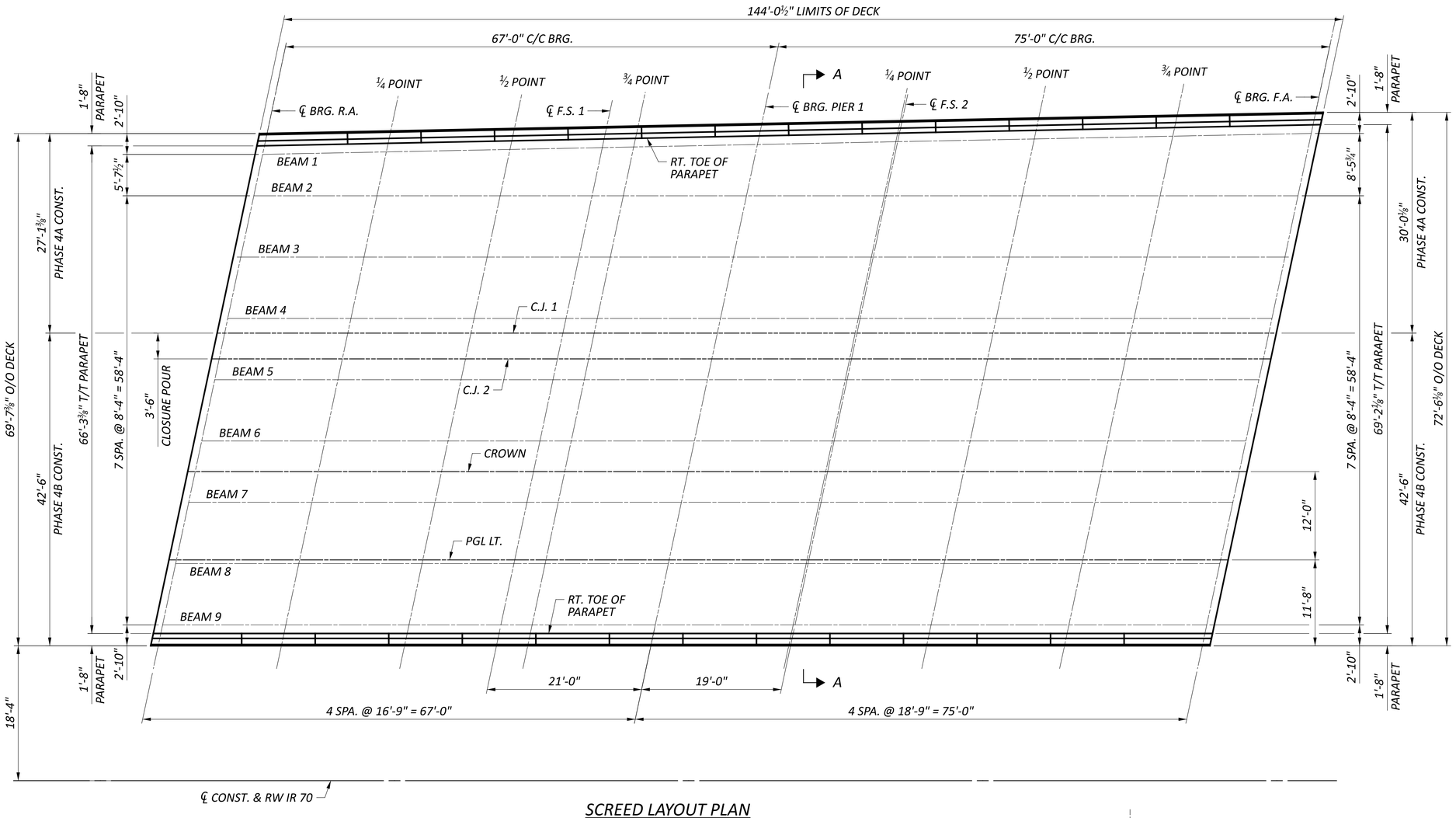
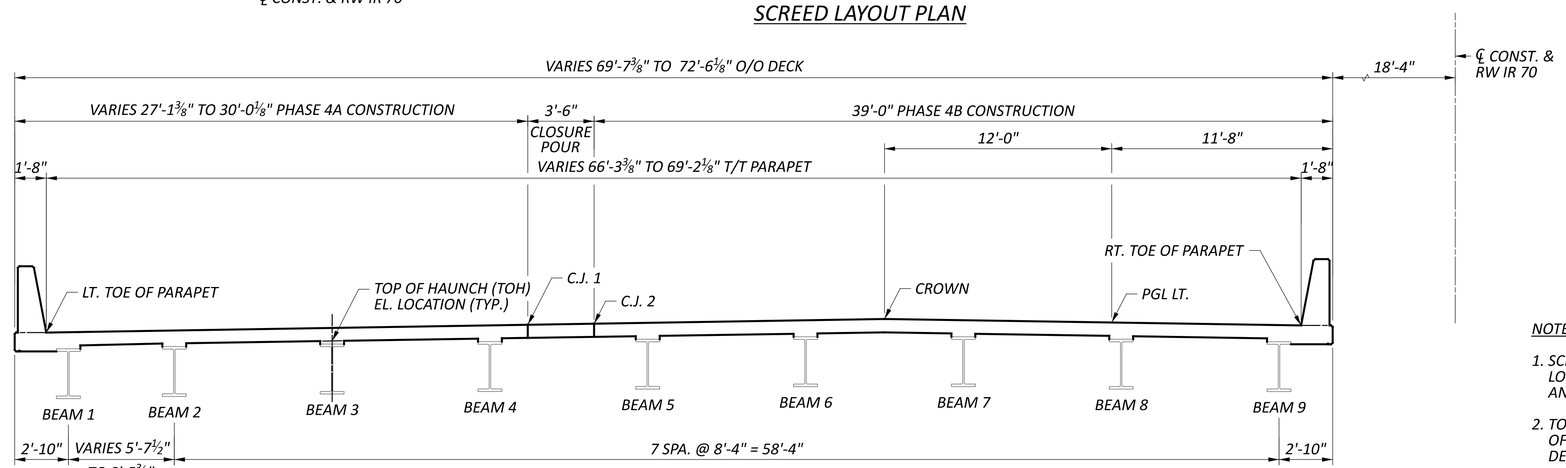


SCREED LAYOUT PLAN



SECTION A-A

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED*

SCREED DETAILS - 1

BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	30
TOTAL	40
SHEET	P.1589
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
FAI-00070-01190 L SCREED ELEVATIONS												
LT. TOE OF PARAPET	STATION	63+14.86	63+31.68	63+48.50	63+61.06	63+65.32	63+82.15	64+00.98	64+01.23	64+19.81	64+38.64	64+57.47
	F.D.S. ELEV.	868.67	868.98	869.30	869.54	869.62	869.94	870.30	870.30	870.66	871.01	871.37
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.67	869.02	869.34	869.56	869.63	869.94	870.34	870.35	870.74	871.09	871.37
C.J. 1	STATION	63+09.45	63+26.20	63+42.95	63+55.45	63+59.70	63+76.45	63+95.20	63+95.45	64+13.95	64+32.70	64+51.45
	F.D.S. ELEV.	868.97	869.29	869.61	869.86	869.94	870.26	870.62	870.63	870.98	871.35	871.71
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.97	869.33	869.65	869.87	869.95	870.26	870.67	870.67	871.07	871.42	871.71
C.J. 2	STATION	63+08.70	63+25.45	63+42.20	63+54.70	63+58.95	63+75.70	63+94.45	63+94.70	64+13.20	64+31.95	64+50.70
	F.D.S. ELEV.	869.01	869.33	869.66	869.90	869.98	870.30	870.66	870.67	871.03	871.39	871.75
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	869.01	869.37	869.69	869.92	869.99	870.30	870.71	870.71	871.11	871.46	871.75
CROWN	STATION	63+05.44	63+22.19	63+38.94	63+51.44	63+55.69	63+72.44	63+91.19	63+91.44	64+09.94	64+28.69	64+47.44
	F.D.S. ELEV.	869.19	869.52	869.84	870.08	870.16	870.49	870.85	870.85	871.21	871.57	871.93
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	869.19	869.55	869.88	870.10	870.17	870.49	870.89	870.90	871.30	871.64	871.93
PGL LT.	STATION	63+02.89	63+19.64	63+36.39	63+48.89	63+53.14	63+69.89	63+88.64	63+88.89	64+07.39	64+26.14	64+44.89
	F.D.S. ELEV.	868.95	869.27	869.60	869.84	869.92	870.24	870.61	870.61	870.97	871.33	871.69
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.95	869.31	869.63	869.86	869.93	870.24	870.65	870.65	871.06	871.40	871.69
RT. TOE OF PARAPET	STATION	63+00.77	63+17.52	63+34.27	63+46.77	63+51.02	63+67.77	63+86.52	63+86.77	64+05.27	64+24.02	64+42.77
	F.D.S. ELEV.	868.75	869.07	869.40	869.64	869.72	870.04	870.40	870.41	870.77	871.13	871.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	868.75	869.11	869.43	869.66	869.73	870.04	870.45	870.45	870.85	871.20	871.49
FAI-00070-01190 L TOP OF HAUNCH ELEVATIONS												
BEAM 1	STATION	63+14.61	63+31.43	63+48.25	63+60.81	63+65.07	63+81.90	64+00.73	64+00.98	64+19.56	64+38.39	64+57.22
	F.D.S. ELEV.	868.68	869.00	869.32	869.56	869.64	869.96	870.31	870.32	870.67	871.03	871.39
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	867.97	868.32	868.65	868.87	868.94	869.25	869.65	869.65	870.05	870.39	870.68
BEAM 2	STATION	63+13.41	63+30.16	63+46.91	63+59.41	63+63.66	63+80.41	63+99.16	63+99.41	64+17.91	64+36.66	64+55.41
	F.D.S. ELEV.	868.75	869.07	869.39	869.63	869.72	870.04	870.40	870.41	870.76	871.12	871.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.04	868.40	868.72	868.94	869.02	869.33	869.74	869.74	870.14	870.49	870.78
BEAM 3	STATION	63+11.64	63+28.39	63+45.14	63+57.64	63+61.89	63+78.64	63+97.39	63+97.64	64+16.14	64+34.89	64+53.64
	F.D.S. ELEV.	868.85	869.17	869.49	869.73	869.81	870.14	870.50	870.50	870.86	871.22	871.59
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.14	868.49	868.82	869.04	869.12	869.43	869.84	869.84	870.24	870.59	870.88
BEAM 4	STATION	63+09.87	63+26.62	63+43.37	63+55.87	63+60.12	63+76.87	63+95.62	63+95.87	64+14.37	64+33.12	64+51.87
	F.D.S. ELEV.	868.94	869.27	869.59	869.83	869.91	870.24	870.60	870.60	870.96	871.32	871.68
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.24	868.59	868.92	869.14	869.22	869.53	869.93	869.94	870.34	870.69	870.98
BEAM 5	STATION	63+08.10	63+24.85	63+41.60	63+54.10	63+58.35	63+75.10	63+93.85	63+94.10	64+12.60	64+31.35	64+50.10
	F.D.S. ELEV.	869.04	869.37	869.69	869.93	870.01	870.34	870.70	870.70	871.06	871.42	871.78
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.34	868.69	869.02	869.24	869.32	869.63	870.03	870.04	870.44	870.79	871.08
BEAM 6	STATION	63+06.33	63+23.08	63+39.83	63+52.33	63+56.58	63+73.33	63+92.08	63+92.33	64+10.83	64+29.58	64+48.33
	F.D.S. ELEV.	869.14	869.47	869.79	870.03	870.11	870.44	870.80	870.80	871.16	871.52	871.88
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.43	868.79	869.12	869.34	869.42	869.73	870.13	870.14	870.54	870.89	871.17
BEAM 7	STATION	63+04.56	63+21.31	63+38.06	63+50.56	63+54.81	63+71.56	63+90.31	63+90.56	64+09.06	64+27.81	64+46.56
	F.D.S. ELEV.	869.11	869.43	869.75	870.00	870.08	870.40	870.76	870.77	871.13	871.49	871.85
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.40	868.76	869.08	869.31	869.38	869.69	870.10	870.10	870.50	870.85	871.14
BEAM 8	STATION	63+02.79	63+19.54	63+36.29	63+48.79	63+53.04	63+69.79	63+88.54	63+88.79	64+07.29	64+26.04	64+44.79
	F.D.S. ELEV.	868.94	869.26	869.59	869.83	869.91	870.23	870.60	870.60	870.96	871.32	871.68
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.23	868.59	868.92	869.14	869.21	869.53	869.93	869.94	870.34	870.68	870.97
BEAM 9	STATION	63+01.02	63+17.77	63+34.52	63+47.02	63+51.27	63+68.02	63+86.77	63+87.02	64+05.52	64+24.27	64+43.02
	F.D.S. ELEV.	868.77	869.10	869.42	869.66	869.74	870.07	870.43	870.43	870.79	871.15	871.51
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	868.06	868.42	868.75	868.97	869.05	869.36	869.76	869.77	870.17	870.52	870.81

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 31 | TOTAL 40
SHEET P.1590 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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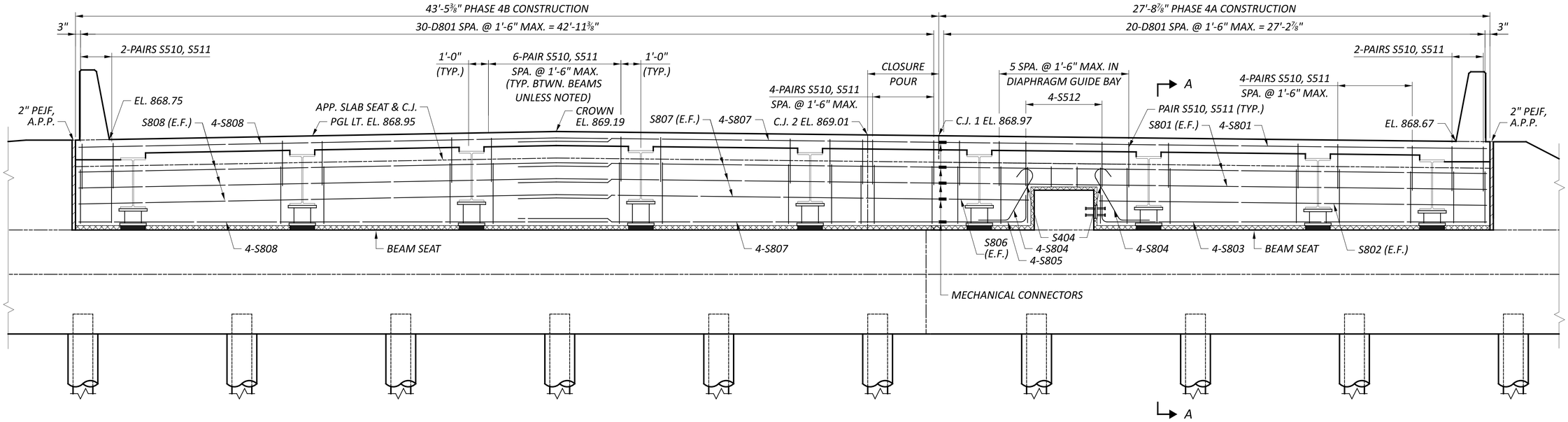
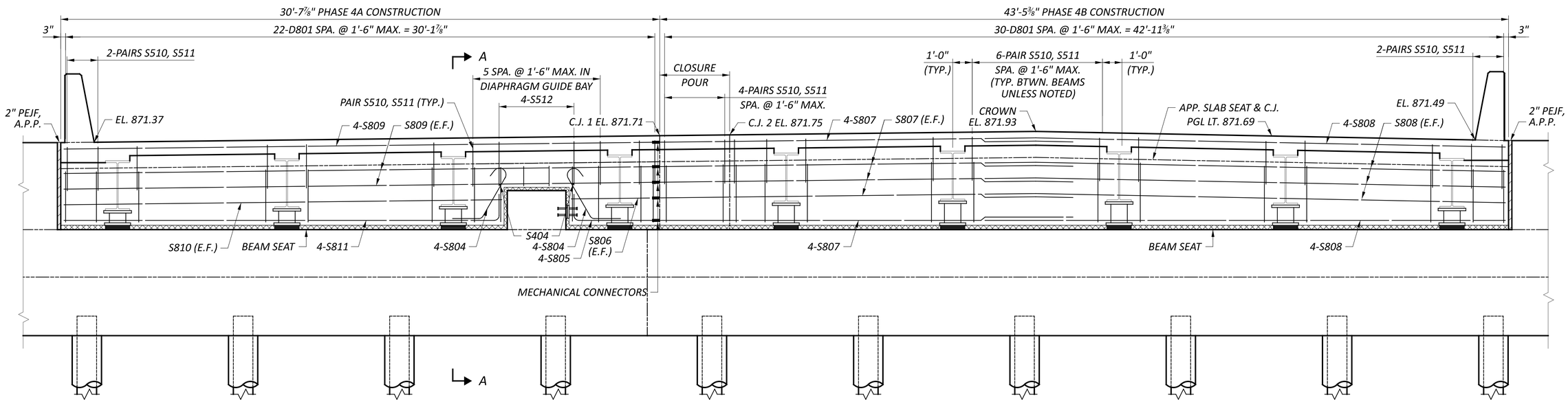


END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	4'-6"

NOTES:

1. FOR SECTION A-A , SEE SHEET 33/40.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
32	40

SHEET	TOTAL
P.1591	P.2024

FAI/LIC-70.0.00/0.00

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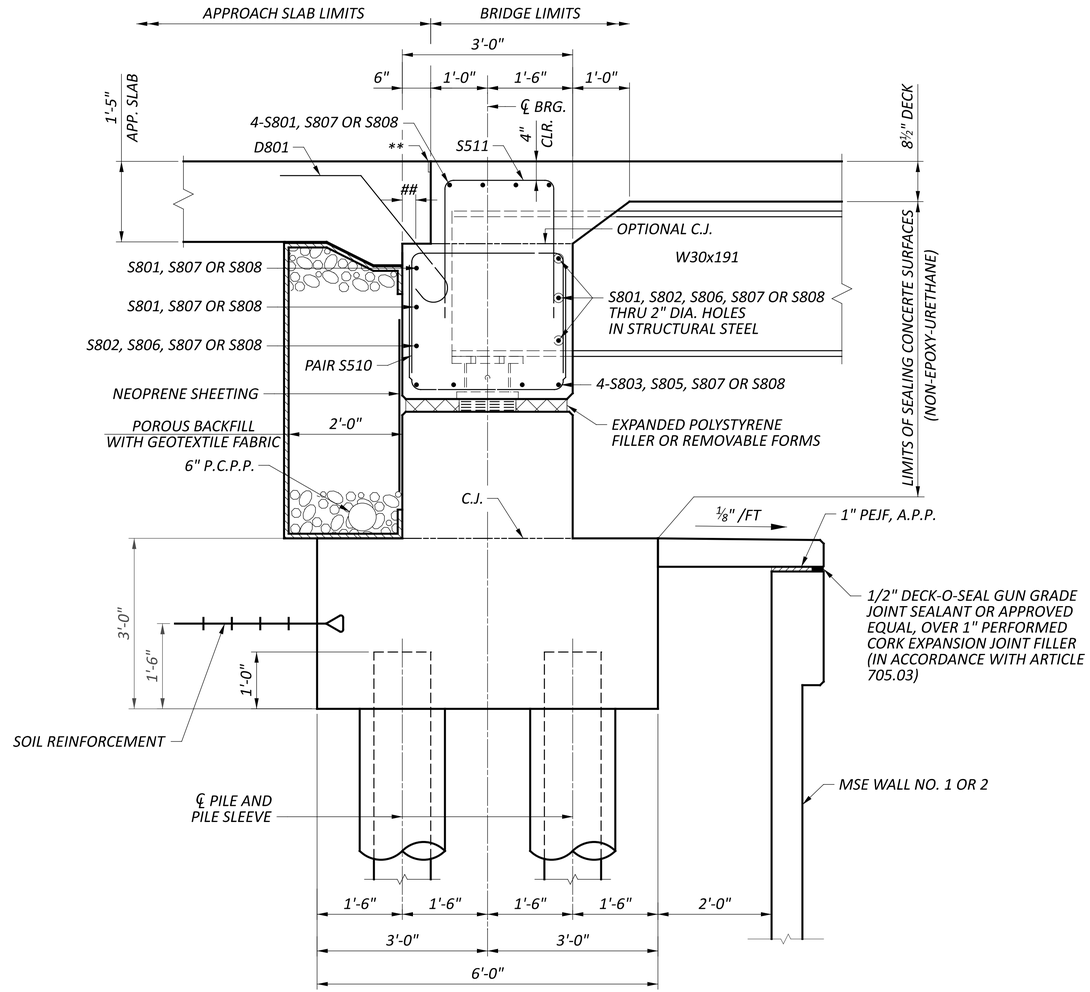

SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 16-19/40.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	33
TOTAL	40
SHEET	P.1592
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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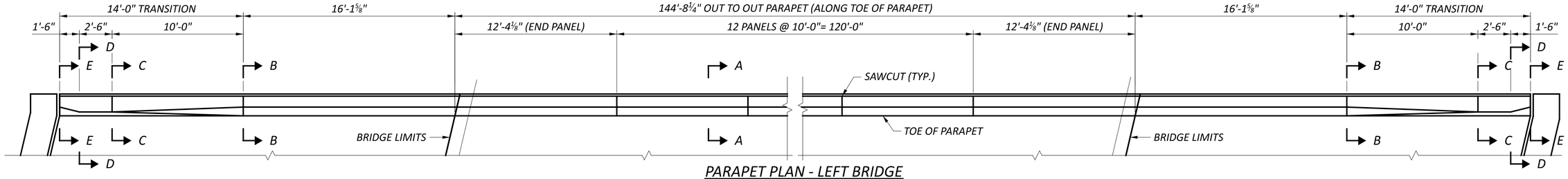
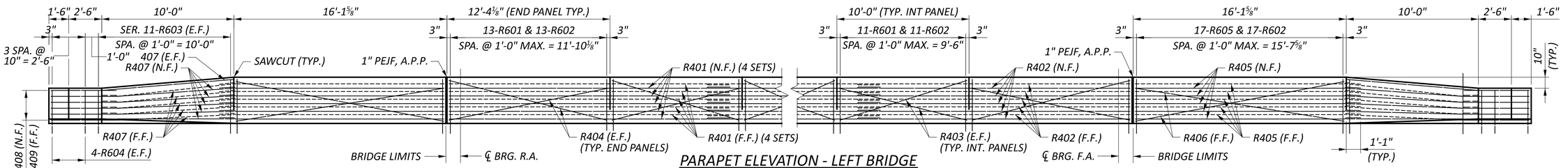


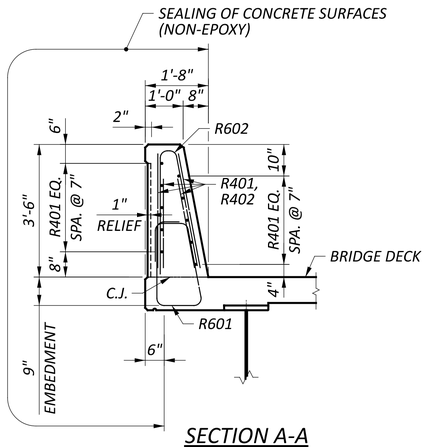
PARAPET PLAN - LEFT BRIDGE

LEFT PARAPET SHOWN

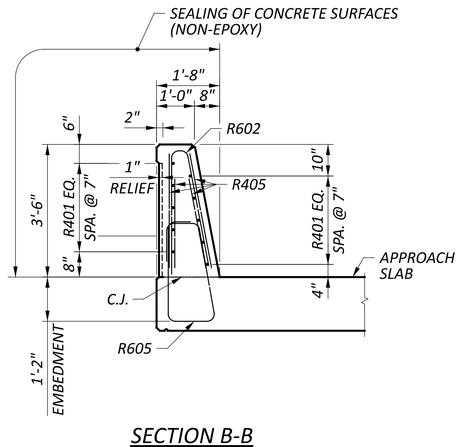


PARAPET ELEVATION - LEFT BRIDGE

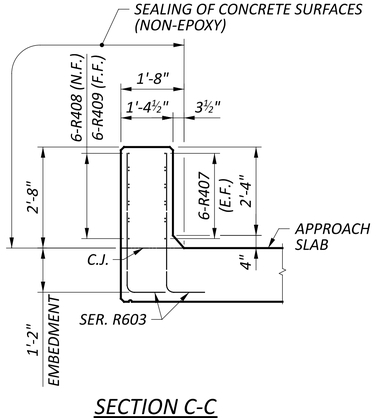
LEFT PARAPET SHOWN



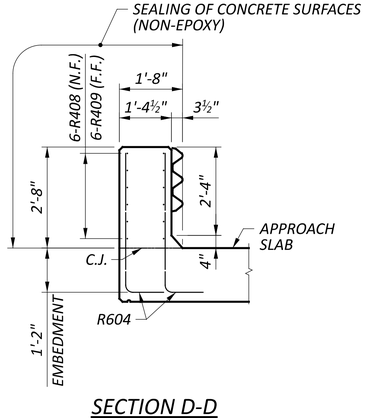
SECTION A-A



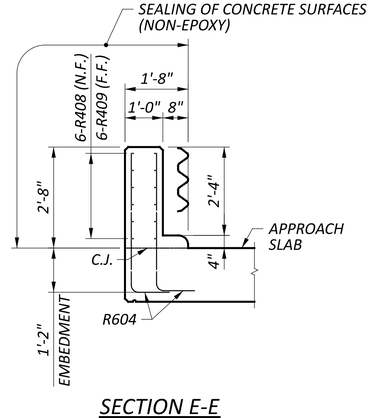
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 34 | TOTAL 40
SHEET P.1593 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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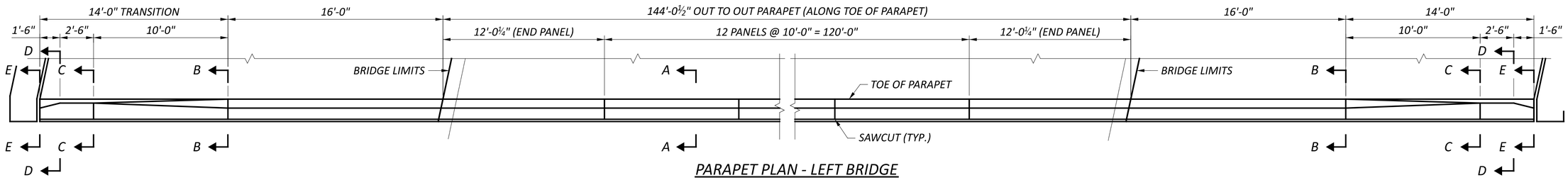
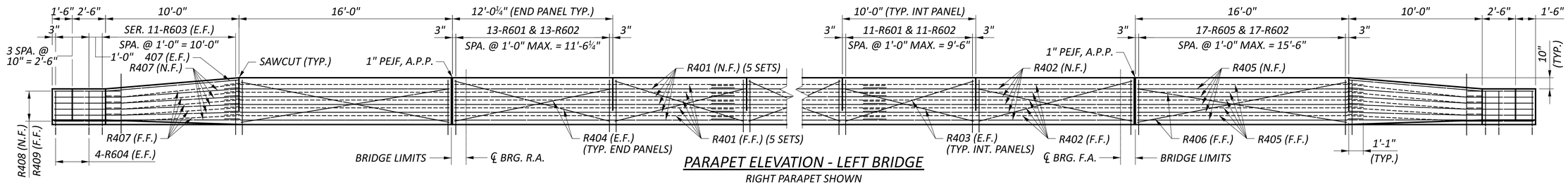


PARAPET PLAN - LEFT BRIDGE

RIGHT PARAPET SHOWN



PARAPET ELEVATION - LEFT BRIDGE

RIGHT PARAPET SHOWN

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. *SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.*
2. *FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.*
3. *FOR PARAPET SECTIONS SEE SHEET 34/40.*

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 35 | TOTAL 40
SHEET P.1594 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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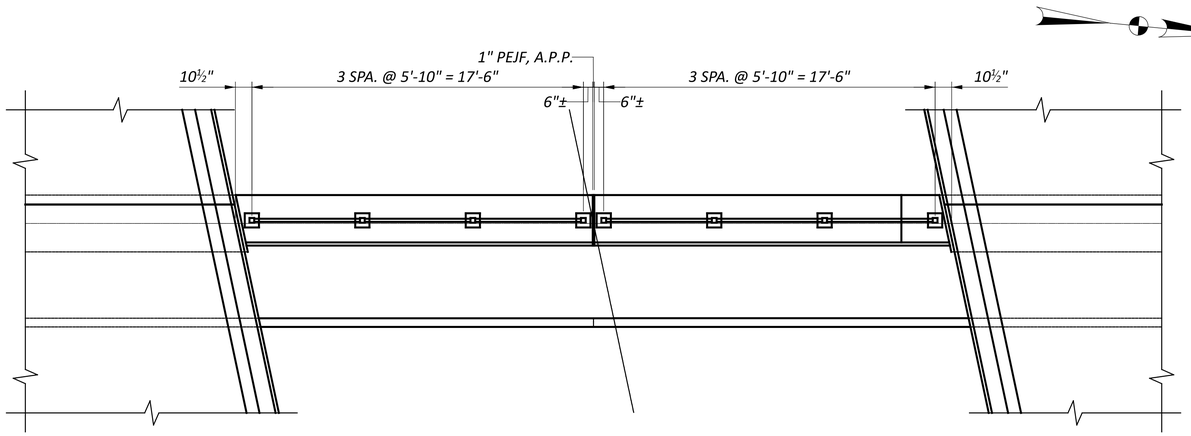
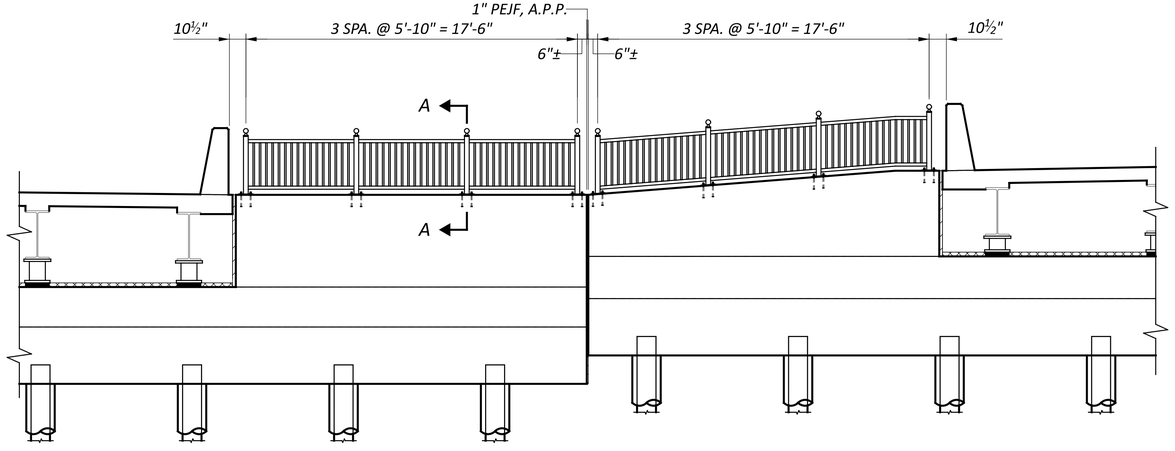
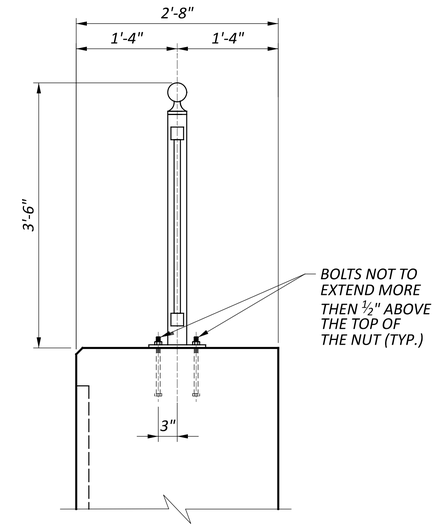


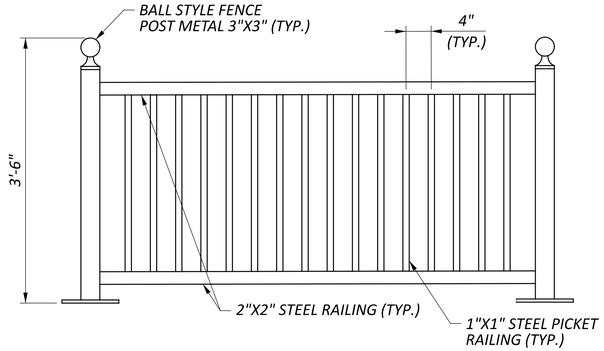
PLAN
(REAR ABUTMENT)



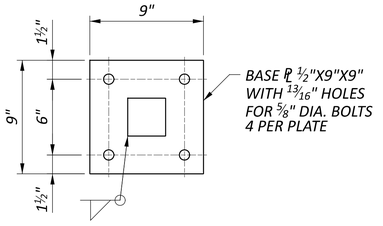
ELEVATION
(REAR ABUTMENT)



SECTION A-A



FENCE DETAIL



BASE DETAIL

NOTES:

1. PAYMENT FOR ALL ABUTMENT RAILING TO BE INCLUDED WITH WESTBOUND (LEFT) STRUCTURE.
2. PAYMENT FOR THE DECORATIVE STEEL RAILING SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER FOOT FOR ITEM 517- RAILING MISC.: DECORATIVE STEEL RAILING. THIS PRICE SHALL INCLUDE THE FOLLOWING:
   A. ALL RAILING MATERIAL (INCLUDING PAINTING OF THE RAIL, BOLTS AND PLATES).
   B. ALL LABOR, EQUIPMENT TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE DECORATIVE STEEL RAILING IN PLACE.
   C. THE COLOR OF PAINT FOR THE RAILING MATERIAL SHALL BE AMS-595-17038 (BLACK) THE PAINT SUPPLIER MUST SUBMIT A 1 INCH x 1 PAINT SAMPLE CARD BEFORE APPROVAL.

RAILING DETAILS - 1
BRIDGE NO. FAI-00070-01190 L & R
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
36	40

SHEET	TOTAL
P.1595	P.2024

FAI/LIC-70.0.00/0.00

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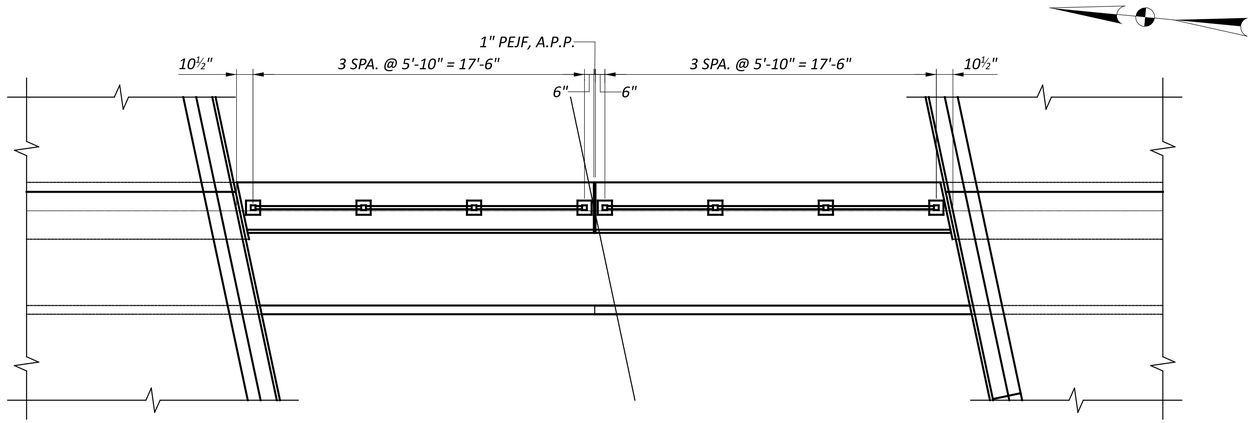
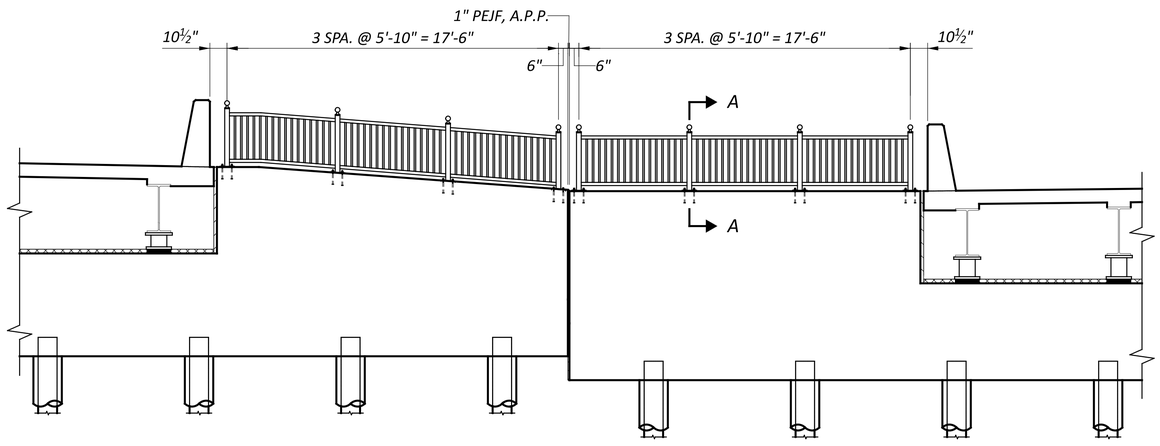
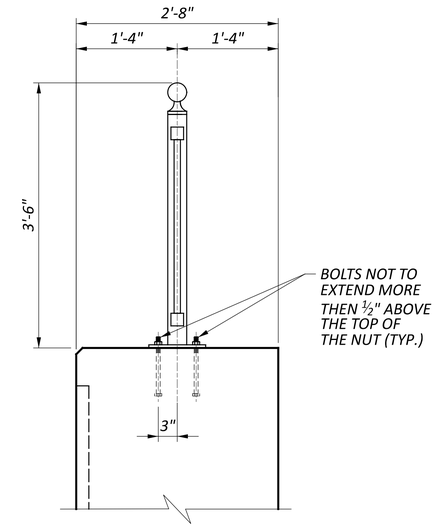


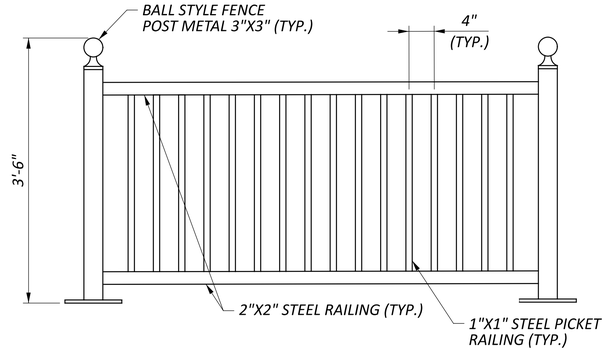
PLAN
(FORWARD ABUTMENT)



ELEVATION
(FORWARD ABUTMENT)



SECTION A-A



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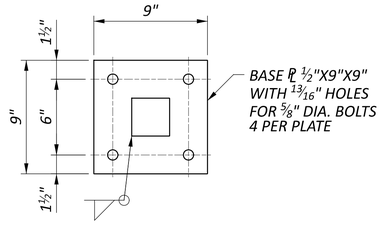

BASE DETAIL

NOTES:

1. FOR RAILING NOTES, SEE SHEET 36/40.

RAILING DETAILS - 2
BRIDGE NO. FAI-00070-01190 L & R
IR 70 OVER S.R. 256

SFN 2301629

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
37	40

SHEET	TOTAL
P.1595	P.2024

FAI/LIC-70.0.00/0.00

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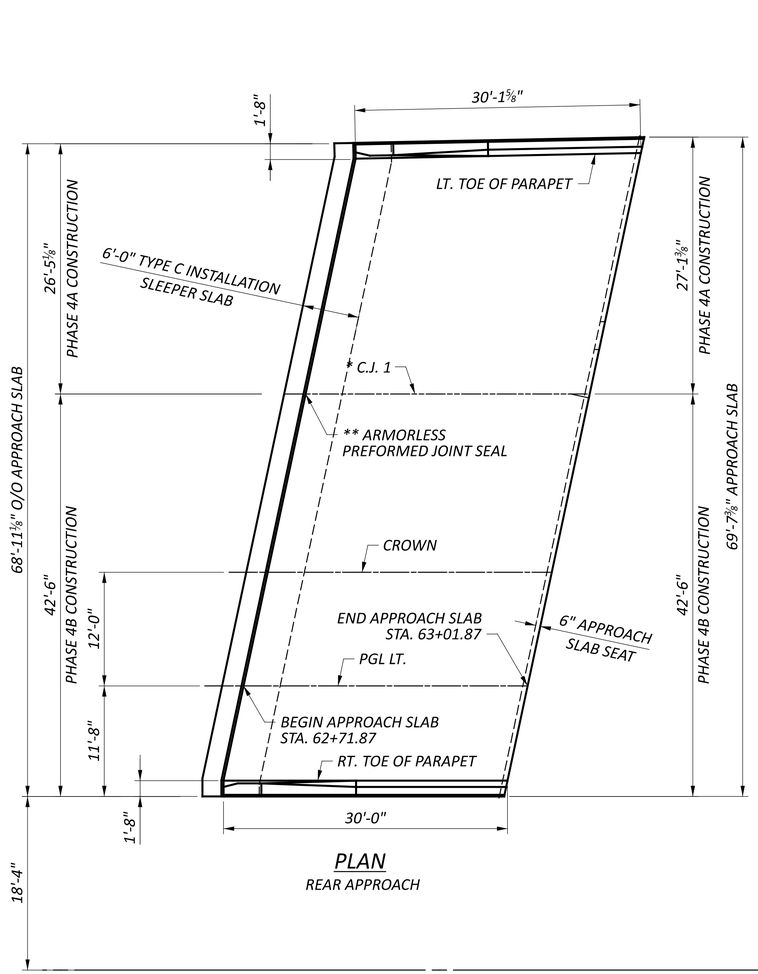

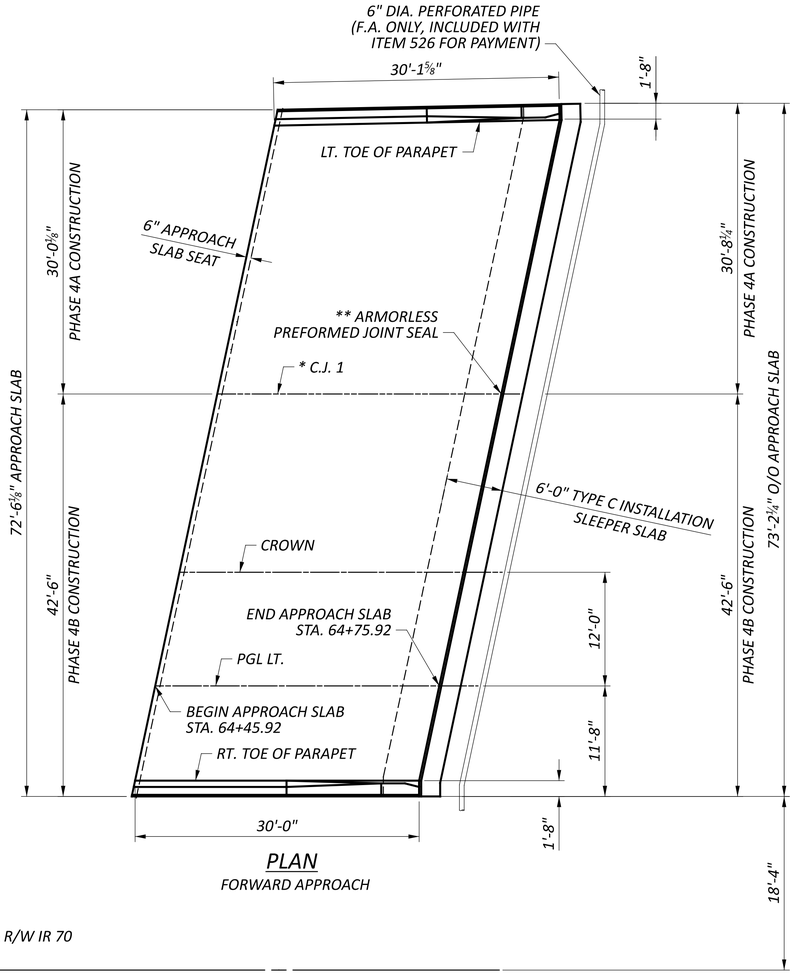

℄ CONST. & R/W IR 70

FAI-00070-01190 L APPROACH SLAB ELEVATIONS

LOCATION	DESCRIPTION	BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+81.42	62+83.70	62+87.59	63+13.83		64+58.49	64+84.74	64+88.62	64+90.90
	ELEVATION	866.61	868.07	866.73	868.65		871.39	870.47	871.96	870.59
C.J. 1	STATION	62+76.15	62+78.42	62+82.29	63+08.42		64+52.47	64+78.60	64+82.47	64+84.73
	ELEVATION	866.91	868.37	867.03	868.95		871.73	870.82	872.31	870.93
CROWN	STATION	62+72.15	62+74.42	62+78.29	63+04.42		64+48.47	64+74.60	64+78.47	64+80.73
	ELEVATION	867.13	868.59	867.25	869.17		871.95	871.04	872.53	871.16
PGL LT.	STATION	62+69.60	62+71.87	62+75.74	63+01.87		64+45.92	64+72.05	64+75.92	64+78.18
	ELEVATION	866.89	868.35	867.01	868.93		871.71	870.80	872.29	870.92
RT. TOE OF PARAPET	STATION	62+67.47	62+69.74	62+73.61	62+99.74		64+43.79	64+69.92	64+73.79	64+76.05
	ELEVATION	866.69	868.15	866.81	868.73		871.51	870.60	872.09	870.72

NOTES:

1. *FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.*
2. *FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.*
3. *APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.*
4. *ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.*
5. *** SEE STANDARD DRAWING AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE.*

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN 2301629
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 38 | TOTAL 40
SHEET P.1597 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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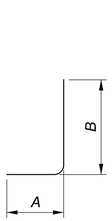
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
REAR ABUTMENT - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
FORWARD ABUTMENT - GALVANIZED STEEL REINFORCEMENT											



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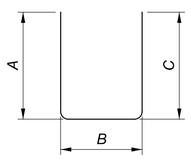

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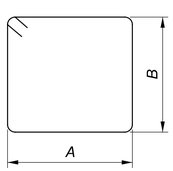

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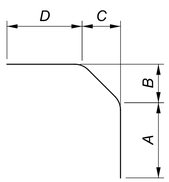

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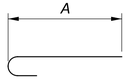

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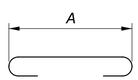

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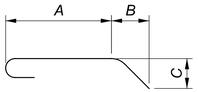

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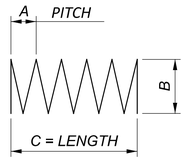

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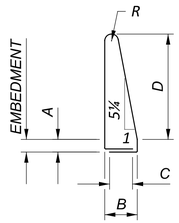

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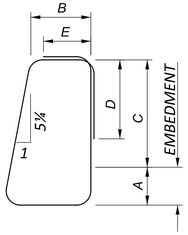

TYPE-37

NOTES:

1. FOR REINFORCING LIST NOTES, SEE SHEET 40/40.

REINFORCING LIST - 1
BRIDGE NO. FAI-00070-01190 L
IR 70 OVER S.R. 256

SFN	2301629
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	39
TOTAL	40
SHEET	P.1598
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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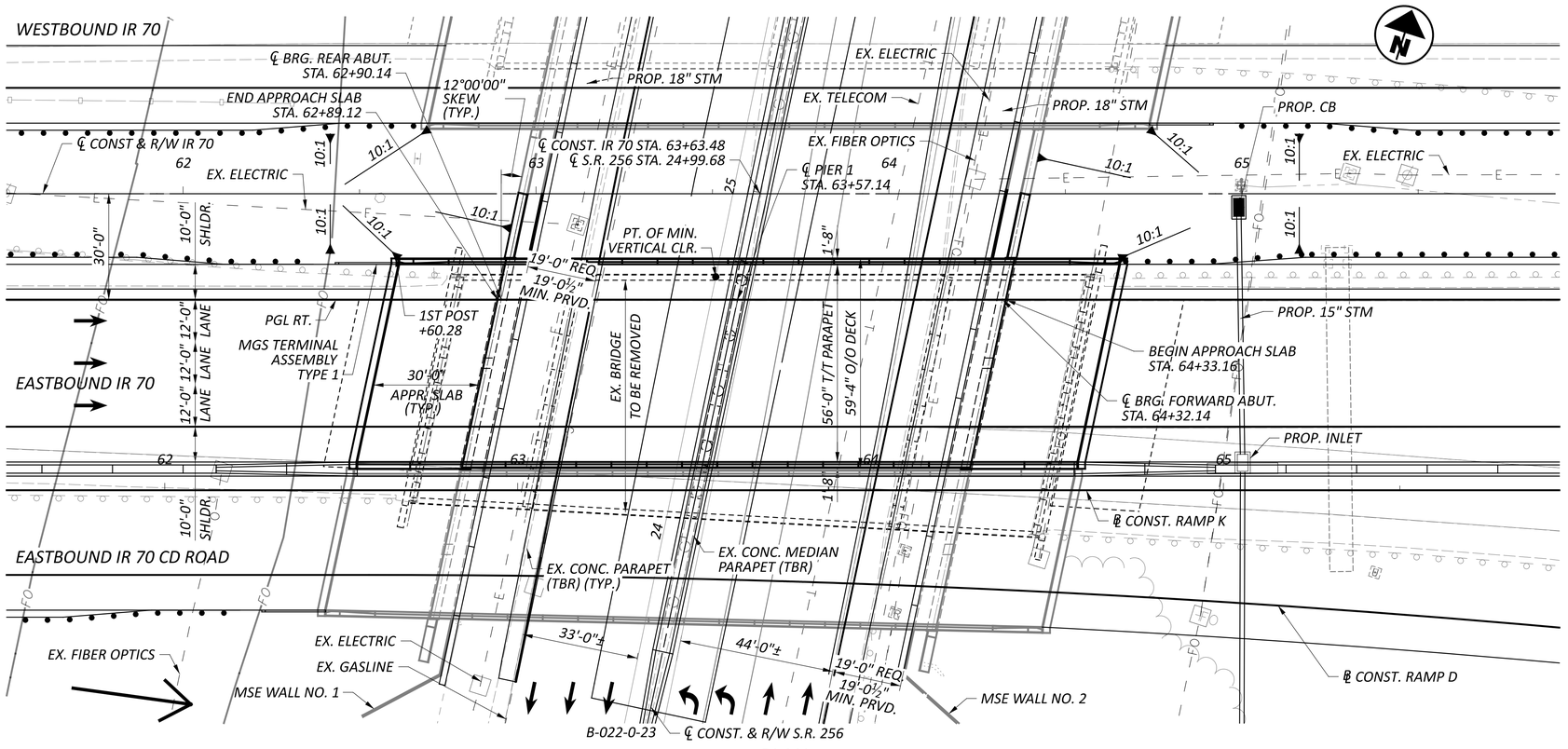
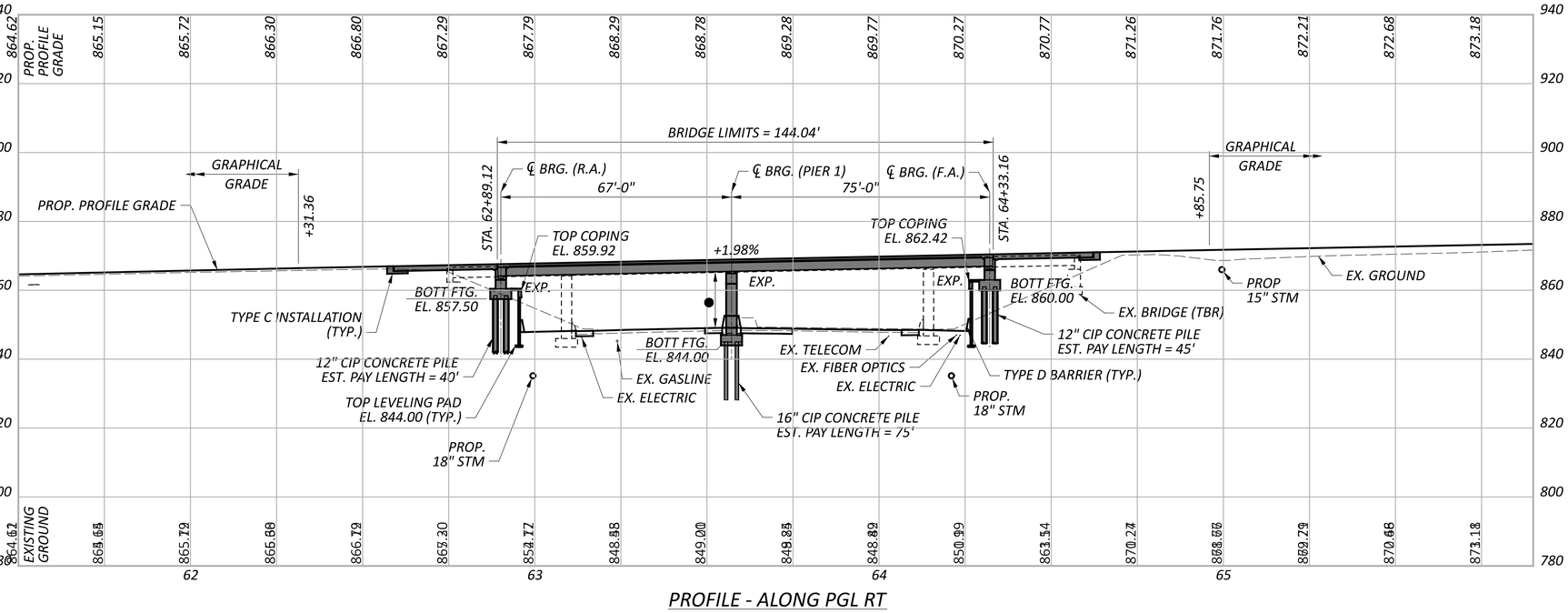
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PIER - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PARAPET - GFRP REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
SUPERSTRUCTURE - GALVANIZED STEEL REINFORCEMENT											



PLAN



PROFILE - ALONG PGL RT

BENCHMARK DATA

C.P. 208 STA. 35+84.10,	ELEV.	851.61,	OFFSET	113.98', RT
C.P. 209 STA. 76+56.01,	ELEV.	890.18,	OFFSET	141.75', LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 56,680 2030 ADTT = 6,240
2050 ADT = 76,150 2050 ADTT = 8,380
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- PROJECT BORING LOCATION
- 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  15'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE

TBR - TO BE REMOVED

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH SPREAD FOOTING FOUNDATIONS

SPANS: 33'-0"±, 47'-0"±, 58'-0"±, 40'-6"±
ROADWAY: VARIES 62'-7¼" TO 72'-3¼" TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 12°00'00"± L.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 2301652
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15 TYPE C)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 8,547 SF

COORDINATES: LATITUDE 39°56'00.66" N
LONGITUDE 82°47'22.44" W

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
1	37

SHEET	TOTAL
P.1600	P.2024

FAI/LIC-70.0.00/0.00

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MSE WALL NO. 1

MSE WALL NO. 2

26

PHASE 4A

PHASE 4B

10'-0" SHLDR.

VARIES RAMP

12'-0" LANE

12'-0" LANE

12'-0" LANE

WESTBOUND IR 70

10'-0" SHLDR.

30'-0"

TEMP. WIRE WALL (PHASE 3)

℄ CONST. & R/W IR 70

DECORATIVE STEEL RAILING (TYP.)

TEMP. WIRE WALL (PHASE 3)

62 63 64 65 66

30'-0" APP. SLAB

67'-0" C/C BRG.

75'-0" C/C BRG.

30'-0" APP. SLAB

℄ BRG. REAR ABUT. STA. 62+90.14

℄ PIER 1 STA. 63+57.14

℄ BRG. FORWARD ABUT. STA. 64+32.14

25

30'-0"

10'-0" SHLDR.

12'-0" LANE

12'-0" LANE

12'-0" LANE

EASTBOUND IR 70

PGL. RT.

TEMP. WIRE WALL (PHASE 2)

TEMP. SHORING (PHASE 2)

4'-0" SHLDR.

10'-0" SHLDR.

12'-0" LANE

12'-0" LANE

EASTBOUND IR 70 CD ROAD

10'-0" SHLDR

62 63 64 65 66

PHASE 3 CONSTRUCTION

SKEW" 12°00'00" (TYP.)

PHASE 3 CONSTRUCTION

56'-0" T/T PARAPET

59'-4" O/O DECK

EX. SUPERSTRUCTURE CUT LINE

TEMP. SHORING (PHASE 2)

24

PHASE 2 CONSTRUCTION

PHASE 2 CONSTRUCTION

℄ CONST. RAMP K

TEMP. WIRE WALL (PHASE 2)

TEMP. SHORING

℄ CONST. & R/W S.R. 256

℄ CONST. RAMP D

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

GENERAL PLAN
BRIDGE NO FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	WSP STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	37
SHEET	P.1601
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

BRIDGE PAINTING LIMITATIONS:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE AS FOLLOWS:.

INTERIOR BEAMS AND INTERIOR SURFACE OF FASCIA BEAMS - AMS-595-16440 (LIGHT GULL GRAY)

EXTERIOR OF FASCIA BEAMS INCLUDING BOTTOM FLANGE - AMS-595-17038 (BLACK)

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
16" CIP REINFORCED CONCRETE PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 50 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 3/8 INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND 3/8 INCH FOR THE 16" CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP:

THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE PIER 1 TO THE FULL ESTIMATED LENGTH OF 75 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FORTHE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

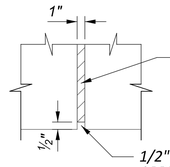
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



1" PREFORMED CORK EXPANSION JOINT FILLER

1/2" DECK-O-SEAL GUN GRADE JOINT SELANT OR APPROVED AQUAL, OVER 1" PREFORMED CORK EXPANSION JOINT FILLER IN ACCORDANCE WITH ARTIC 705.03

DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 3 | TOTAL 37
SHEET P.1602 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THIS ITEM WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

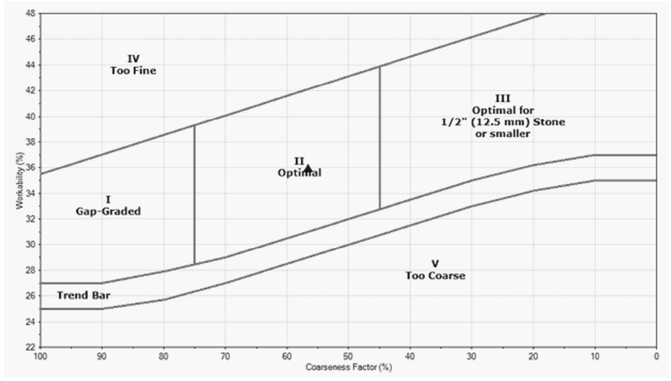


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

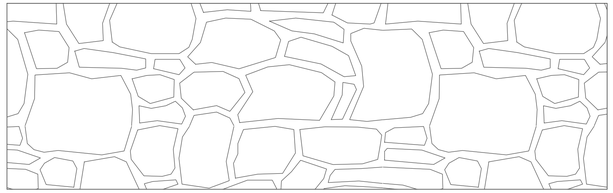
THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED, SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

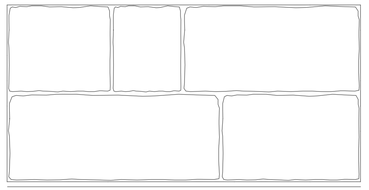
COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 37
SHEET P.1603 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	*= ABUTMENT*
A.T.G.	*= ADJUST TO GRADE*
BRG.	*= BEARING*
CB	*= CATCH BASIN*
C/C	*= CENTER -TO-CENTER*
C.J.	*= CONSTRUCTION JOINT*
CLR.	*= CLEARANCE*
CONST.	*= CONSTRUCTION*
DIA.	*= DIAMETER*
DWG.	*= DRAWING*
EA.	*= EACH*
E.F.	*= EACH FACE*
EL.	*= ELEVATION*
EST.	*= ESTIMATED*
EX.	*= EXISTING*
F.A.	*= FORWARD ABUTMENT*
F.D.S.	*= FINAL DECK SURFACE*
F.F.	*= FAR FACE*
INV.	*= INVERT*
LT.	*= LEFT*
MH	*= MANHOLE*
N.P.C.P.P.	*= NON-PERFORATED CORRUGATED PLASTIC PIPE*
N.F.	*= NEAR FACE*
O/O	*= OUT-TO-OUT*
P.C.P.P.	*= PERFORATED CORRUGATED PLASTIC PIPE*
PEJF	*= PREFORMED EXPANSION JOINT FILLER*
PROP.	*= PROPOSED*
R.A.	*= REAR ABUTMENT*
REQD.	*= REQUIRED*
RT.	*= RIGHT*
SER.	*= SERIES*
SHLD.	*= SHOULDER*
SPA.	*= SPACES*
STA.	*= STATION*
STD.	*= STANDARD*
STM	*= STORM SEWER LINE*
T&B	*= TOP AND BOTTOM*
T/S	*= TOP OF SLOPE*
T/T	*= TOE-TO-TOE*
TYP.	*= TYPICAL*
UN	*= UNLESS NOTED*

GENERAL NOTES - 3
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
5	37

SHEET	TOTAL
P.1604	P.2024

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: XXX DATE: 9/16/03
CHECKED BY: XXX DATE: 9/16/03

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/40
202	22900	133	SY	APPROACH SLAB REMOVED				133	
202	23500	133	SY	WEARING COURSE REMOVED				133	
503	11101		LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	2440	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	2440				
507	00550	2710	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	2710				
507	00700	700	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		700			
507	00750	800	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		800			
509	26000	175350	LB	GALVANIZED STEEL REINFORCEMENT	33800	15850	125700		
509	30020	4500	FT	NO.4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	353	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			353		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/40
511	41012	49	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		49			
511	44112	74	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	74				
511	46512	163	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	139	24			
512	10050	722	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	96	143	483		
512	33000	25	SY	TYPE 2 WATERPROOFING	25				
513	10260	308223	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			308223		
513	20000	7371	EACH	WELDED STUD SHEAR CONNECTORS			7371		
514	00060	14761	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			14761		
514	00066	14761	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			14761		
514	10000	7	EACH	FINAL INSPECTION REPAIR			7		
516	10010	146	FT	ARMORLESS PREFORMED JOINT SEAL				146	
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/40
516	13901	49	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	49				2/40
516	14020	164	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	164				
516	44100	9	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		9			
516	44101	18	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	18				23/40
517	76300	70	FT	RAILING, MISC.: DECORATIVE STEEL RAILING	70				36/40
518	21200	83	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	83				
518	40000	208	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	208				
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100				
523	20000	2	EACH	DYNAMIC LOAD TESTING	1	1			
526	30010	474	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				474	
526	90030	146	FT	TYPE C INSTALLATION				146	
530	13000	300	SF	SPECIAL - FORM LINER	300				

STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY: MFRAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 6 | TOTAL 37
SHEET P.1605 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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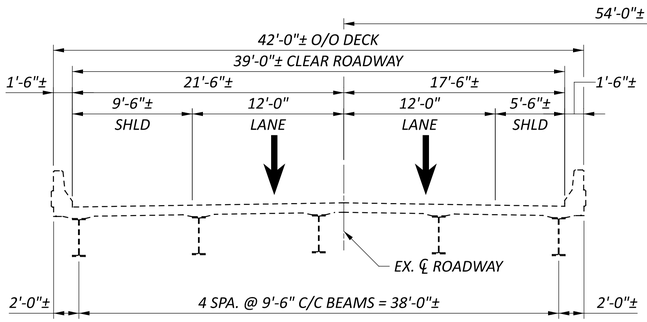

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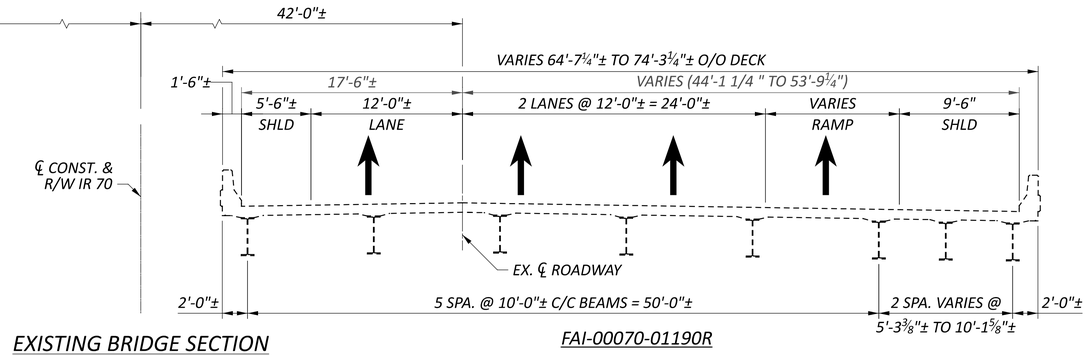
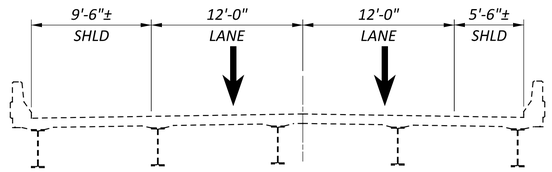


EXISTING BRIDGE SECTION

FAI-00070-01190R



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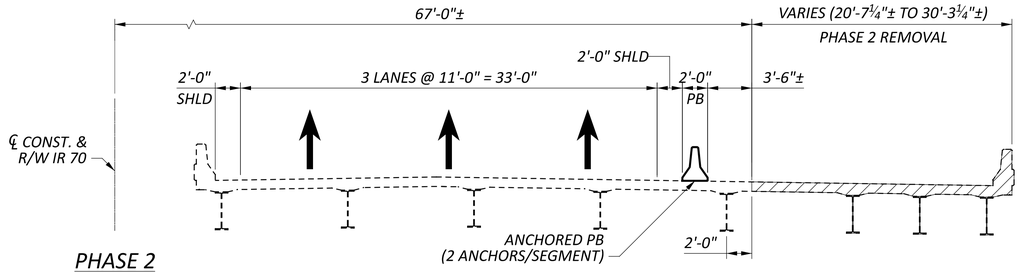
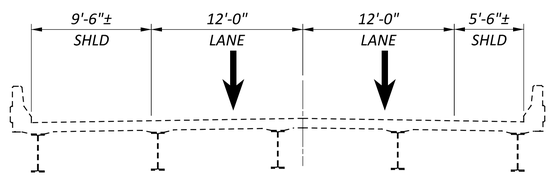
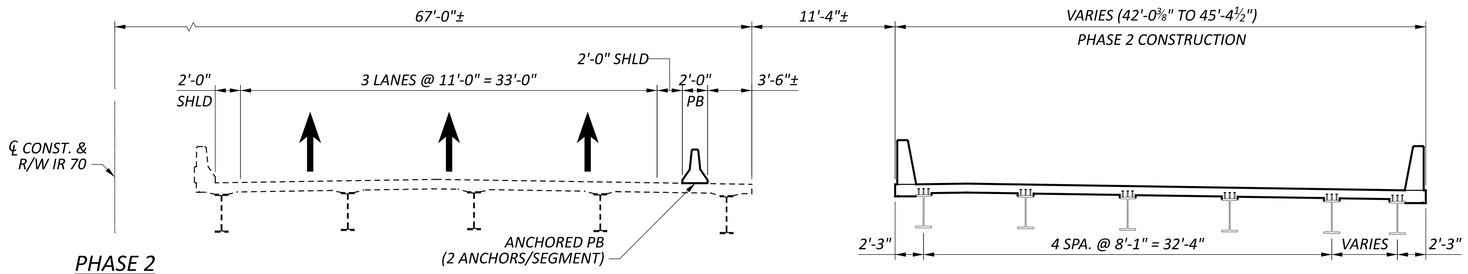


PHASE 2
REMOVAL

FAI-00070-01190R



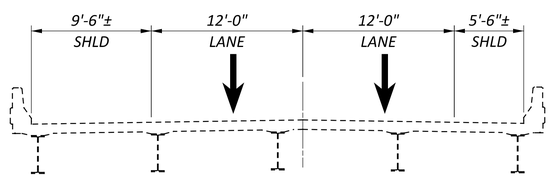
FAI-00070-01190L



PHASE 2
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



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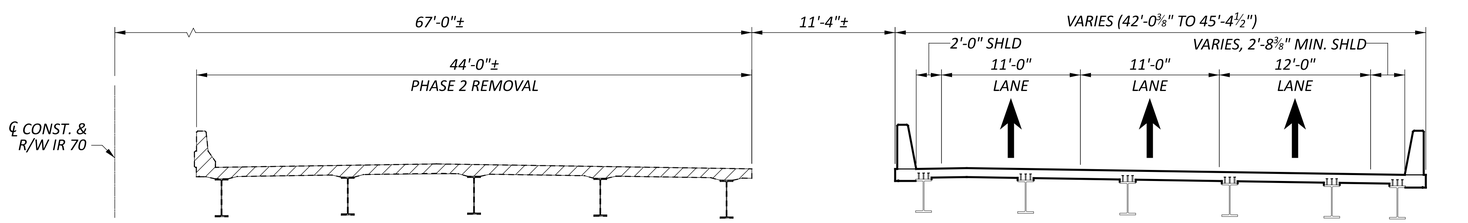

PHASE 3
REMOVAL

FAI-00070-01190R

FAI-00070-01190K

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP. WIRE FACE WALL.

PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
7	37

SHEET	TOTAL
P.1606	P.2024

FAI/LIC-70.0.00/0.00

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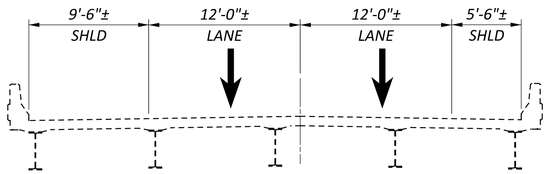

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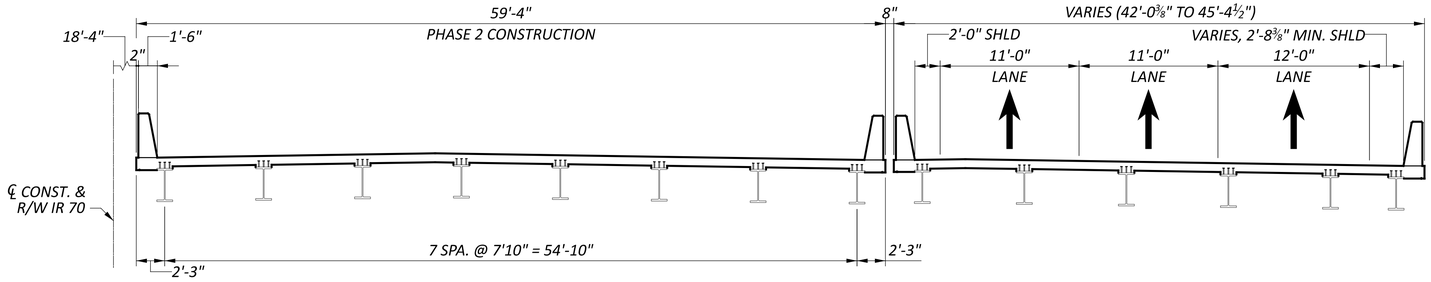
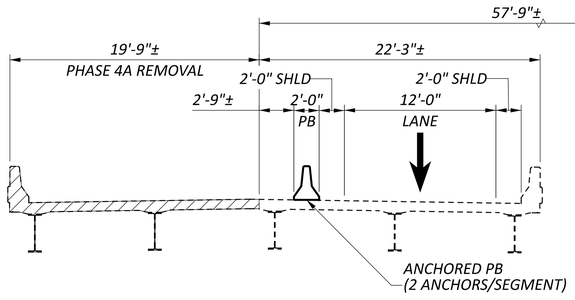
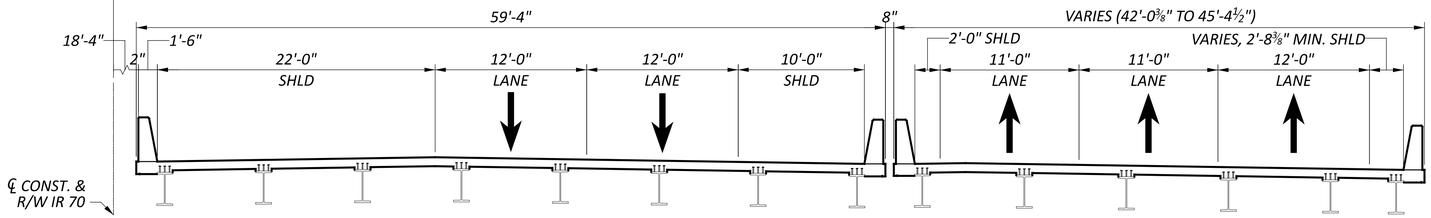


PHASE 3
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



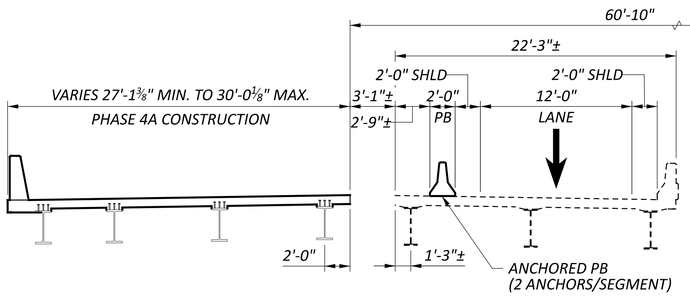


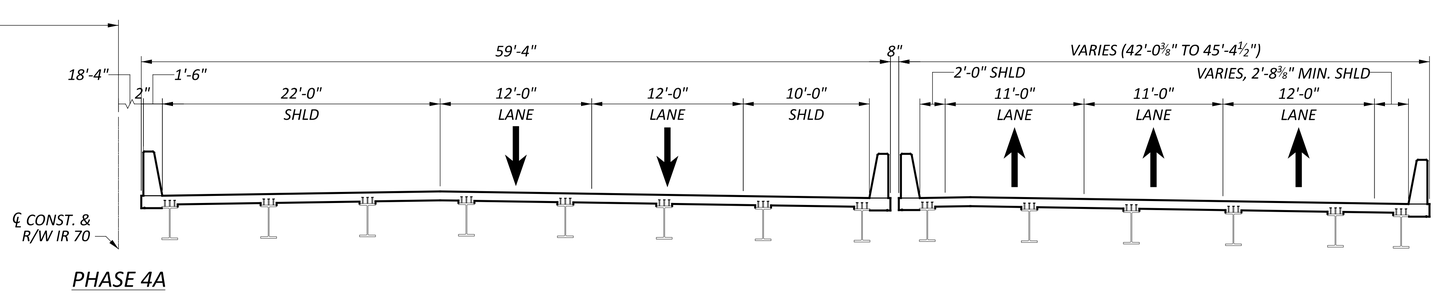
PHASE 4A
REMOVAL

FAI-00070-01190L

FAI-00070-01190R

FAI-00070-01190K





PHASE 4A
CONSTRUCTION

FAI-00070-01190L

FAI-00070-01190R

FAI-00070-01190K

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING MSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
8	37

SHEET	TOTAL
P.1607	P.2024

FAI/LIC-70.0.00/0.00

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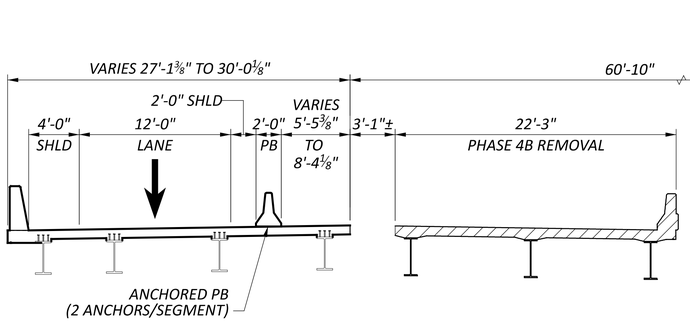
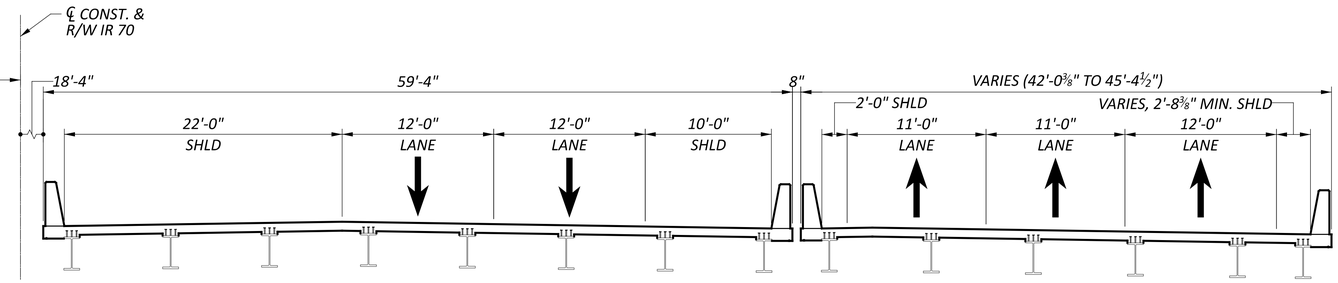


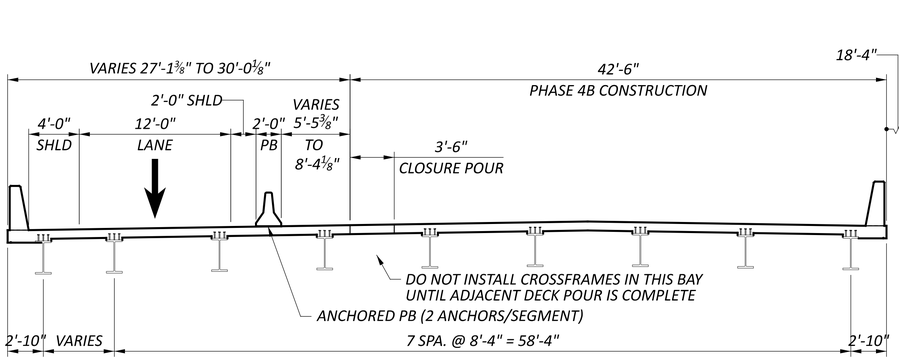
FAI-00070-01190L



FAI-00070-01190R

FAI-00070-01190K

PHASE 4B
REMOVAL



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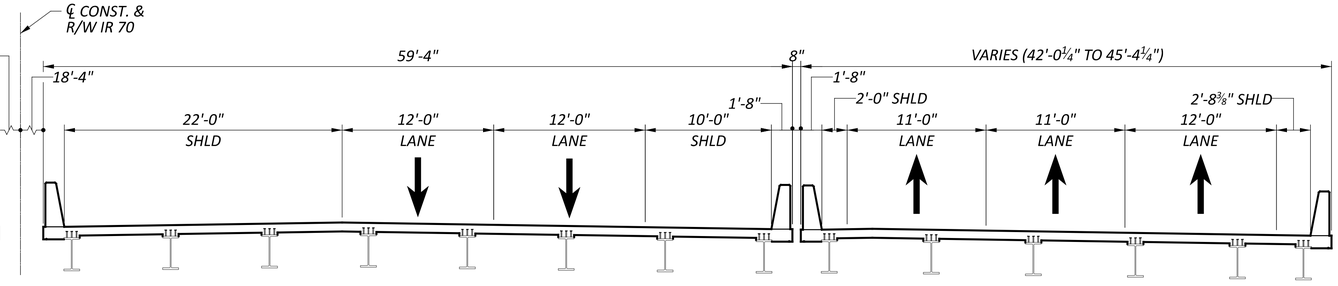

FAI-00070-01190R

FAI-00070-01190K

PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

PHASE CONSTRUCTION DETAILS - 3
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
9	37

SHEET	TOTAL
P.1608	P.2024

FAI/LIC-70.0.00/0.00

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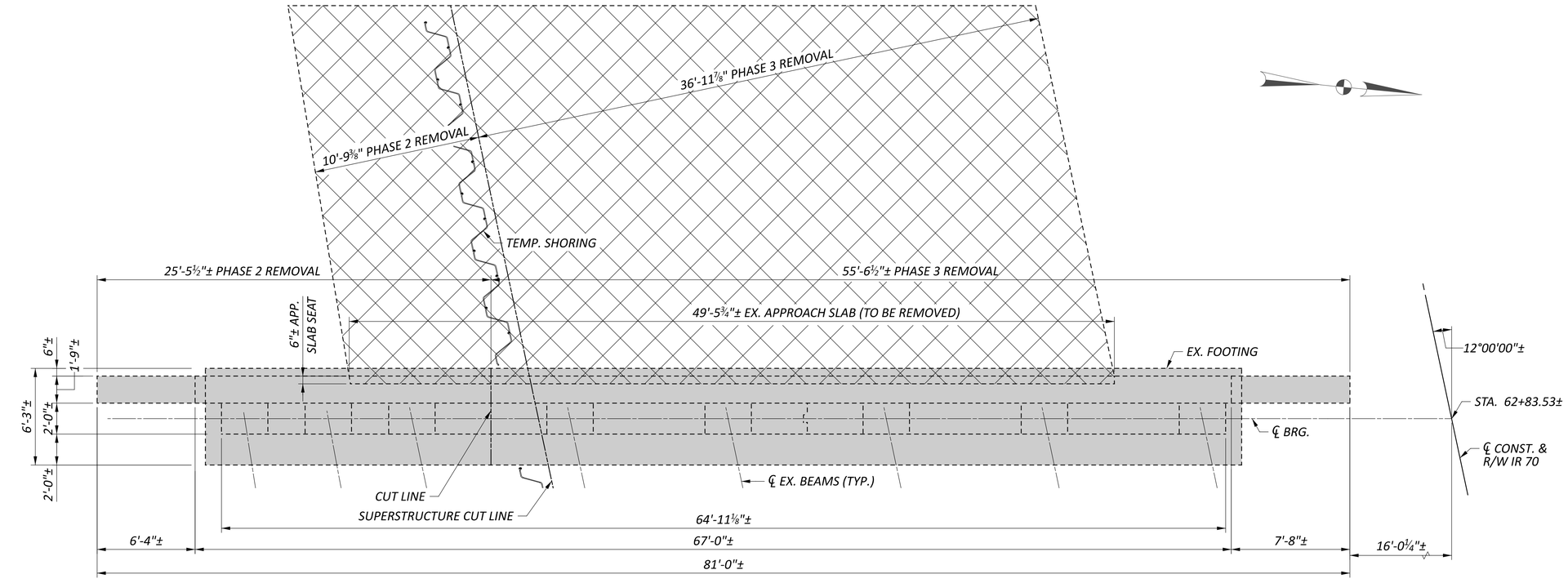
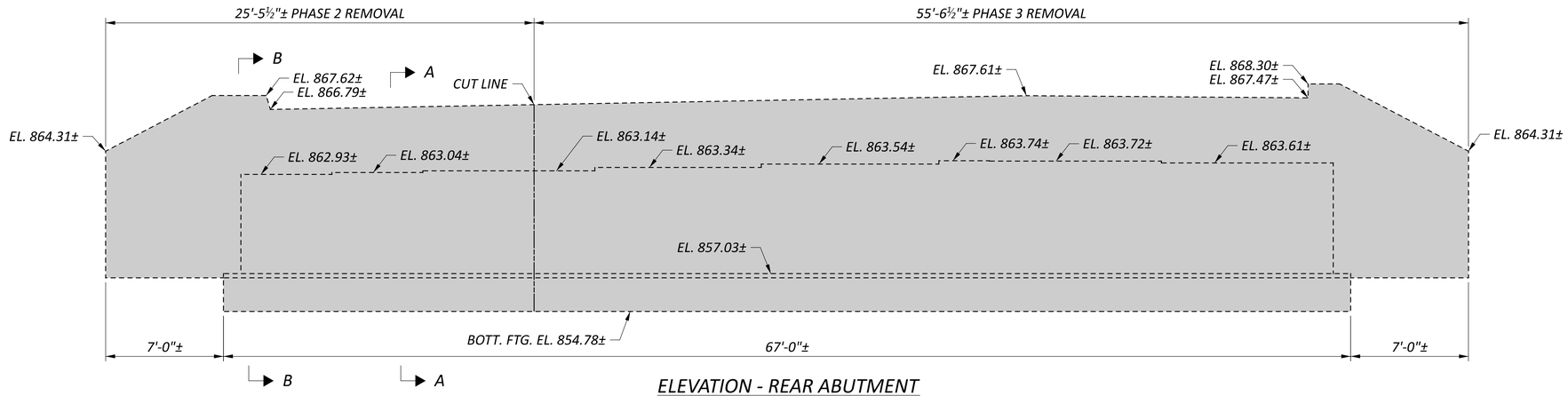


PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/37.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
10	37

SHEET	TOTAL
P.1609	P.2024

FAI/LIC-70.0.00/0.00

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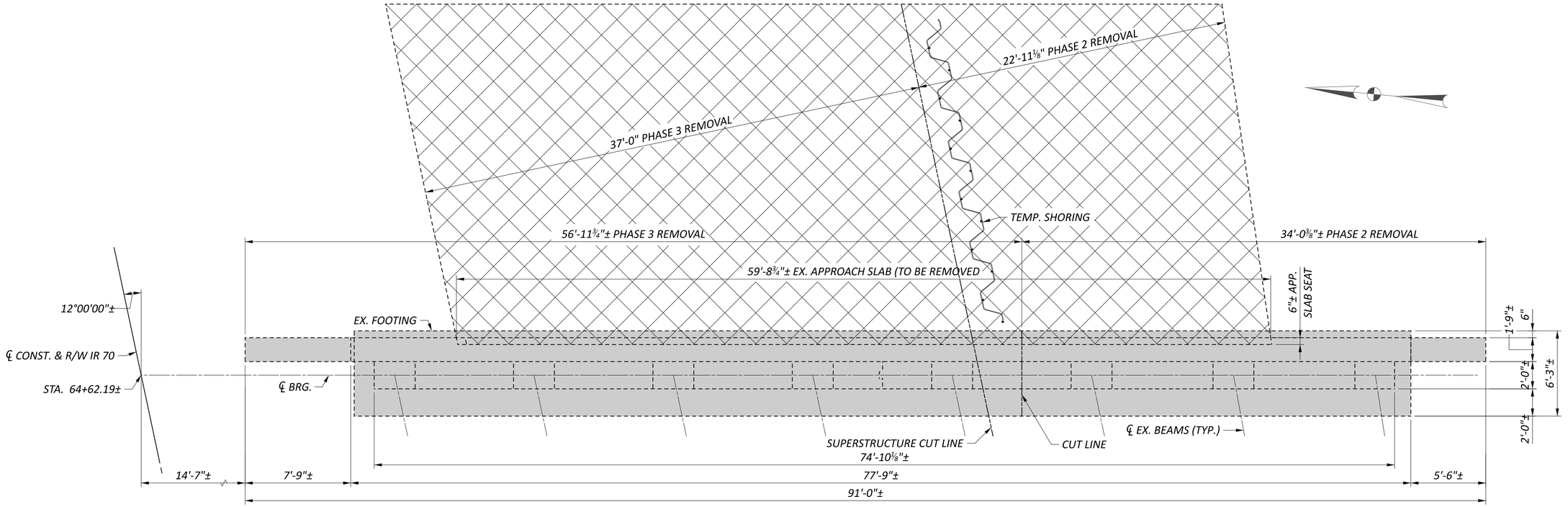
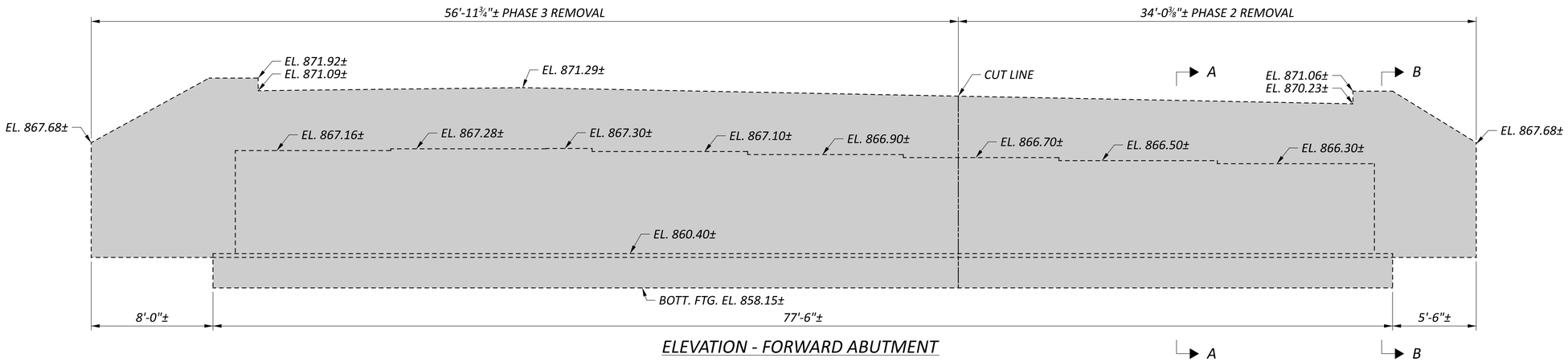


PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/37.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	11
TOTAL	37
SHEET	P.1610
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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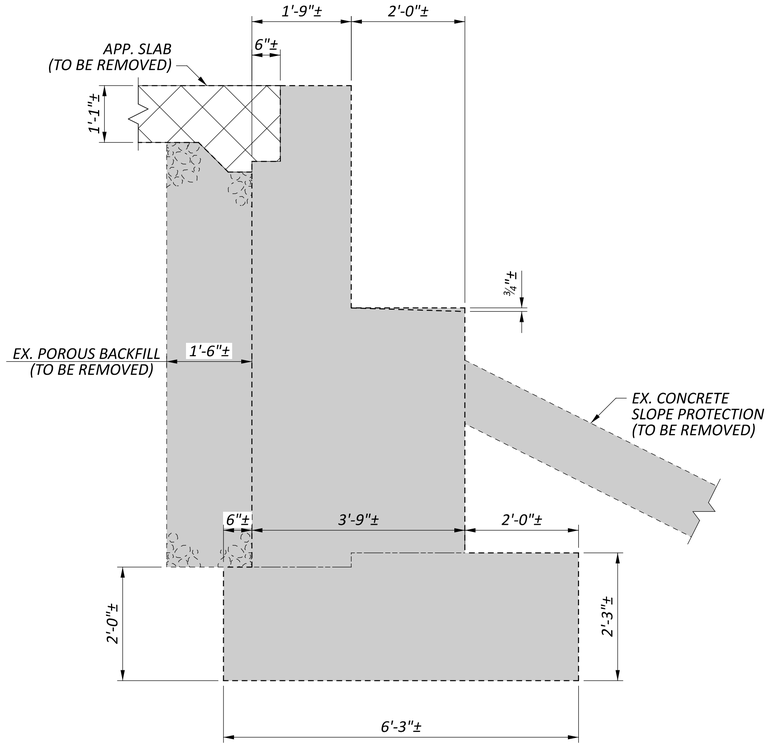
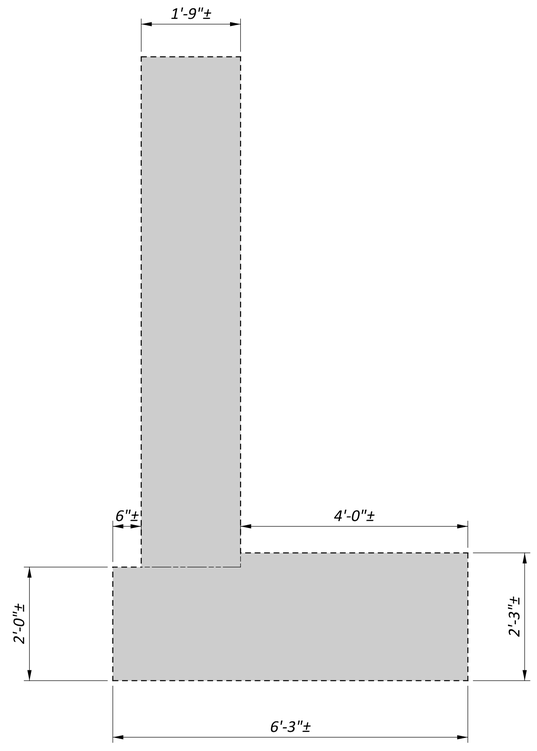


SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3

BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
12	37

SHEET	TOTAL
P.1611	P.2024

FAI/LIC-70.0.00/0.00

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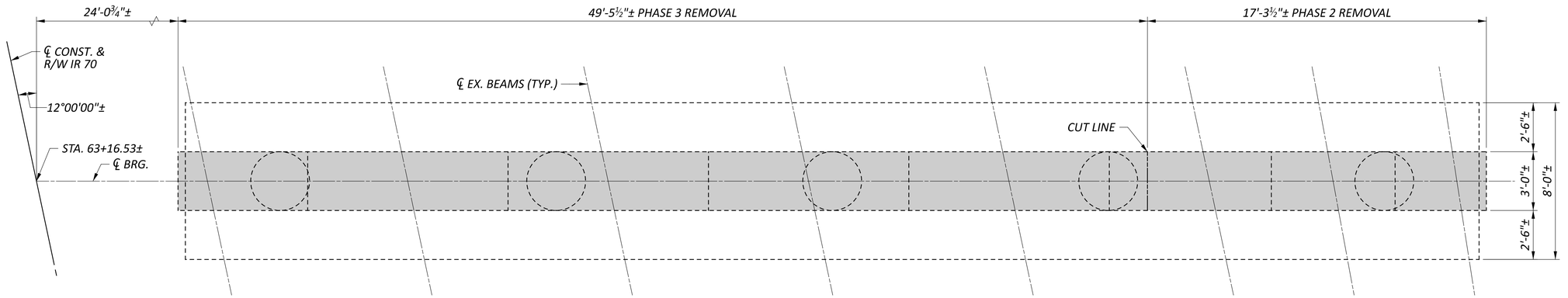
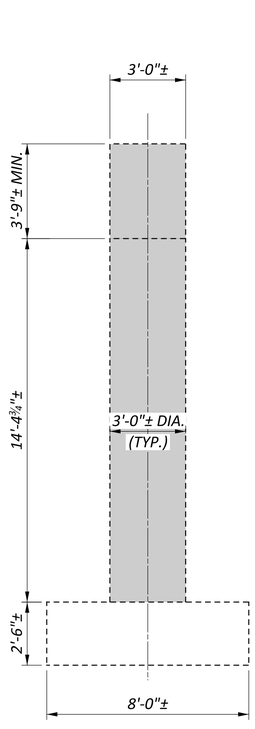
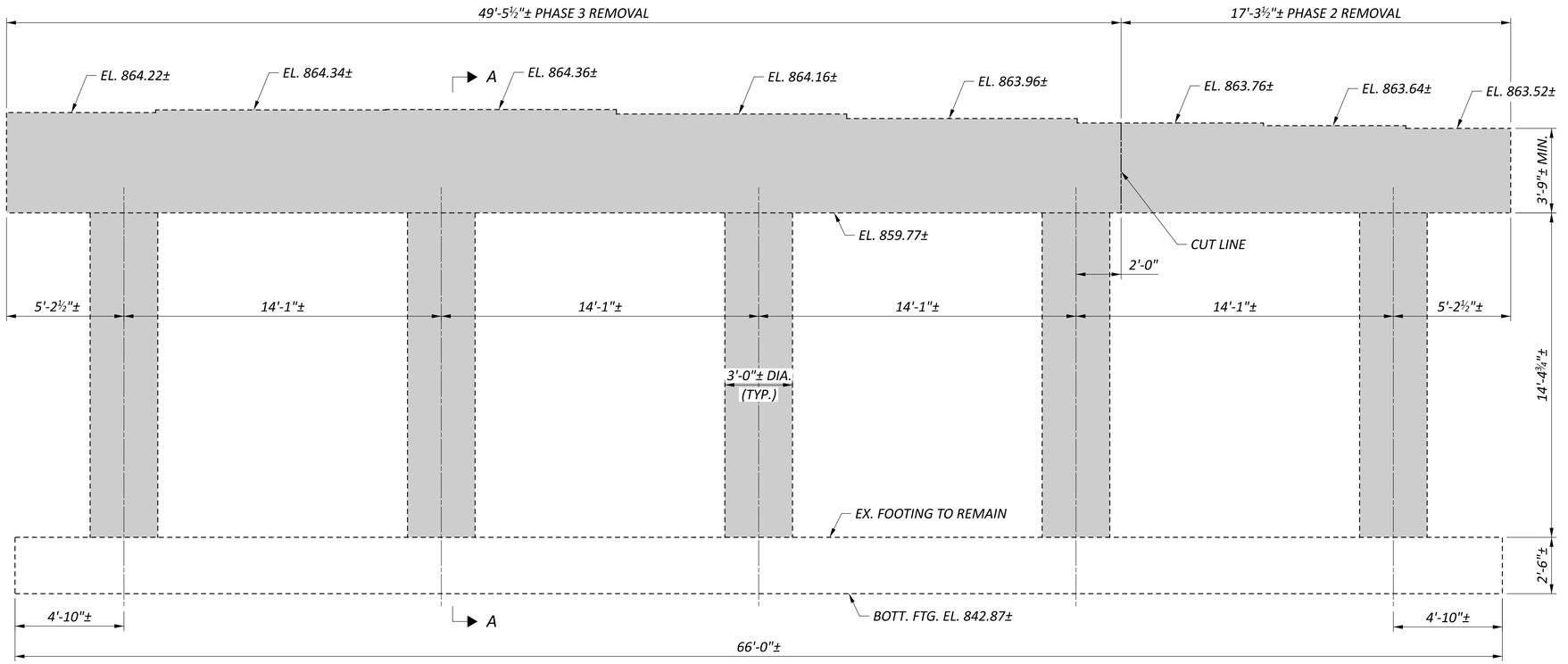


PLAN - PIER 1



SECTION A-A



ELEVATION - PIER 1

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	13
TOTAL	37
SHEET	P.1612
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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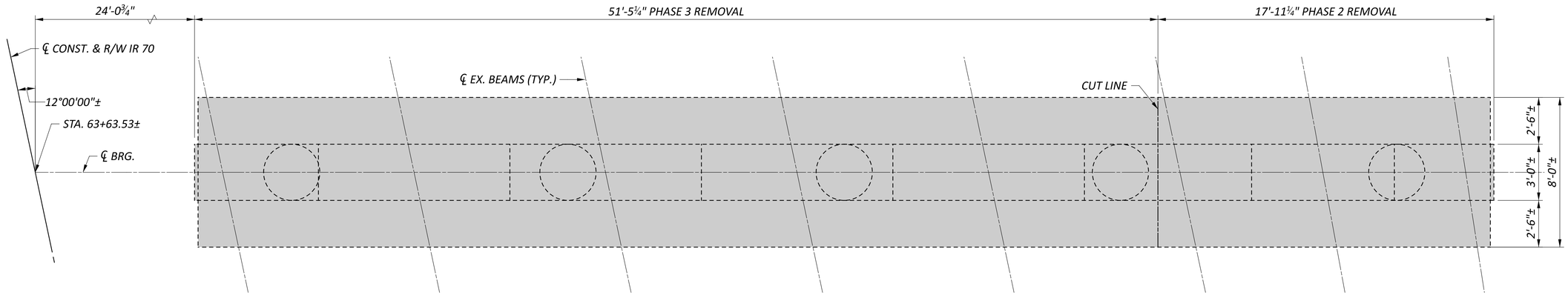
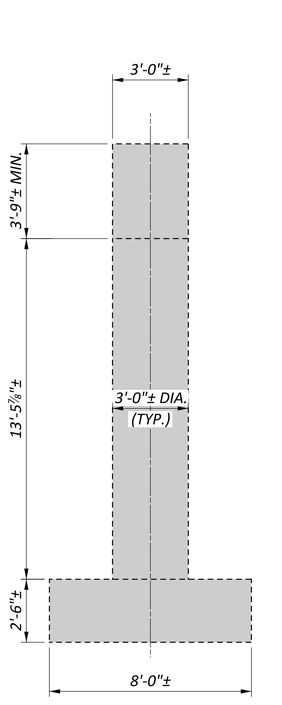
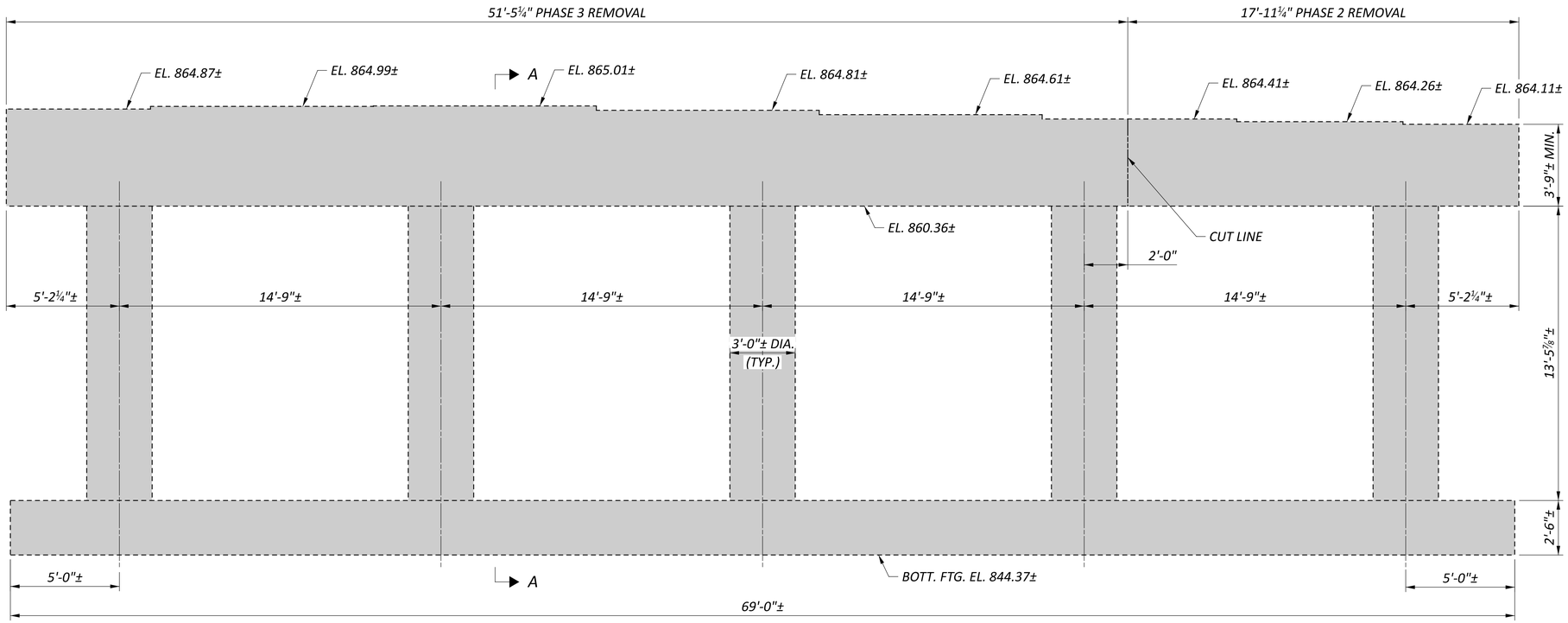


PLAN - PIER 2



SECTION A-A



ELEVATION - PIER 2

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	14
TOTAL	37
SHEET	P.1613
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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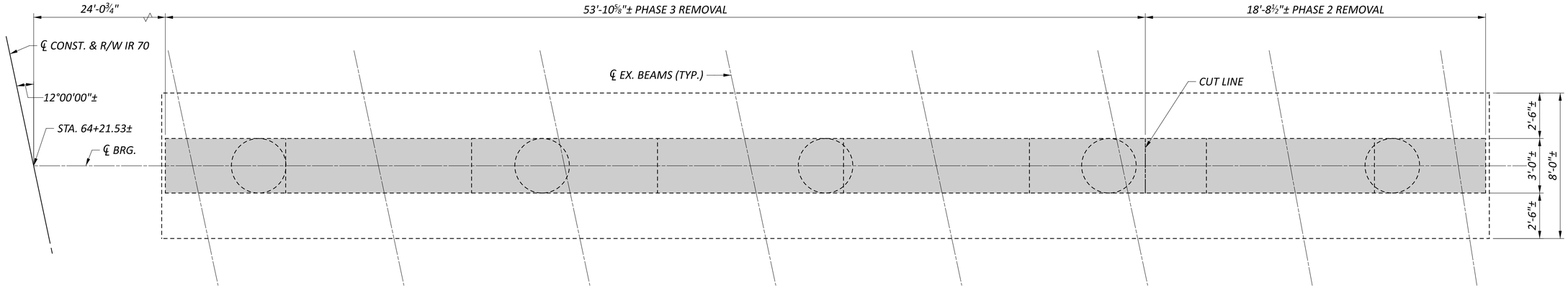
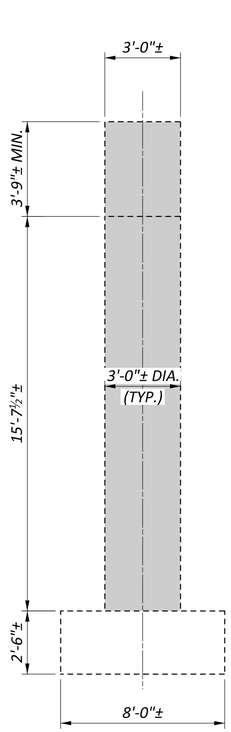
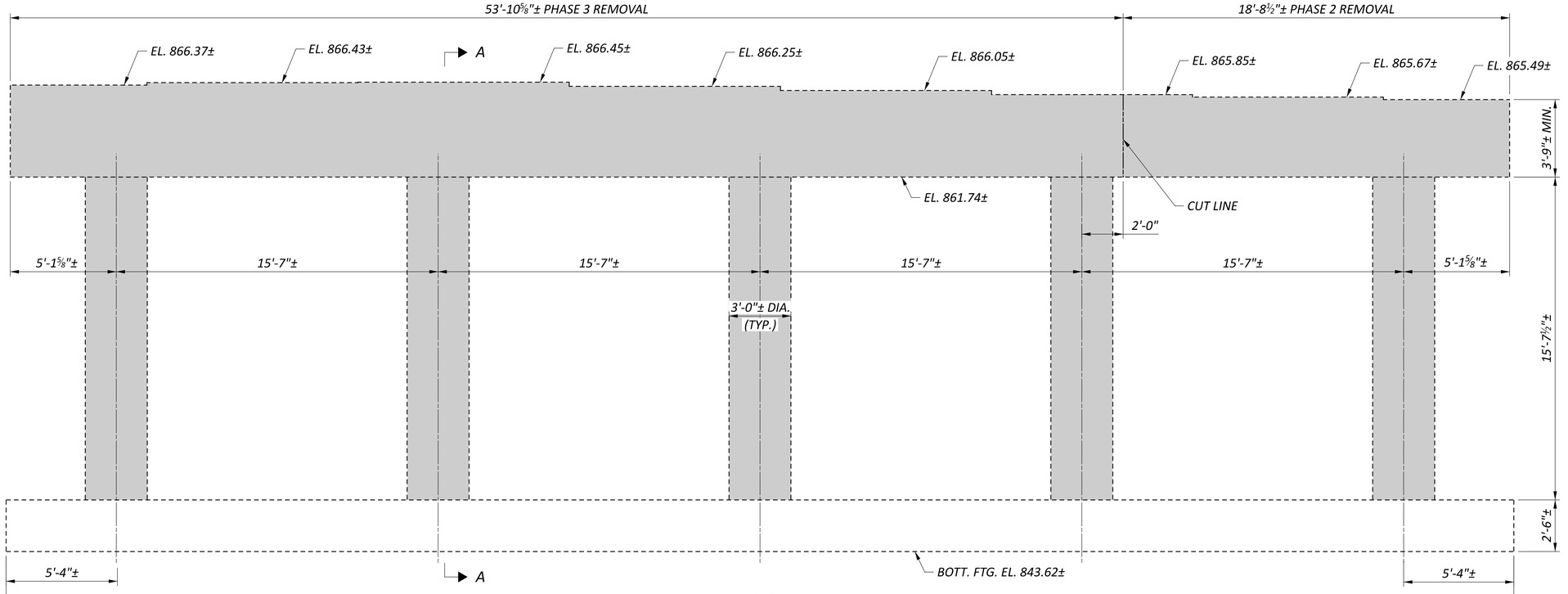


PLAN - PIER 3



SECTION A-A



ELEVATION - PIER 3

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 6
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
15	37

SHEET	TOTAL
P.1614	P.2024

FAI/LIC-70.0.00/0.00

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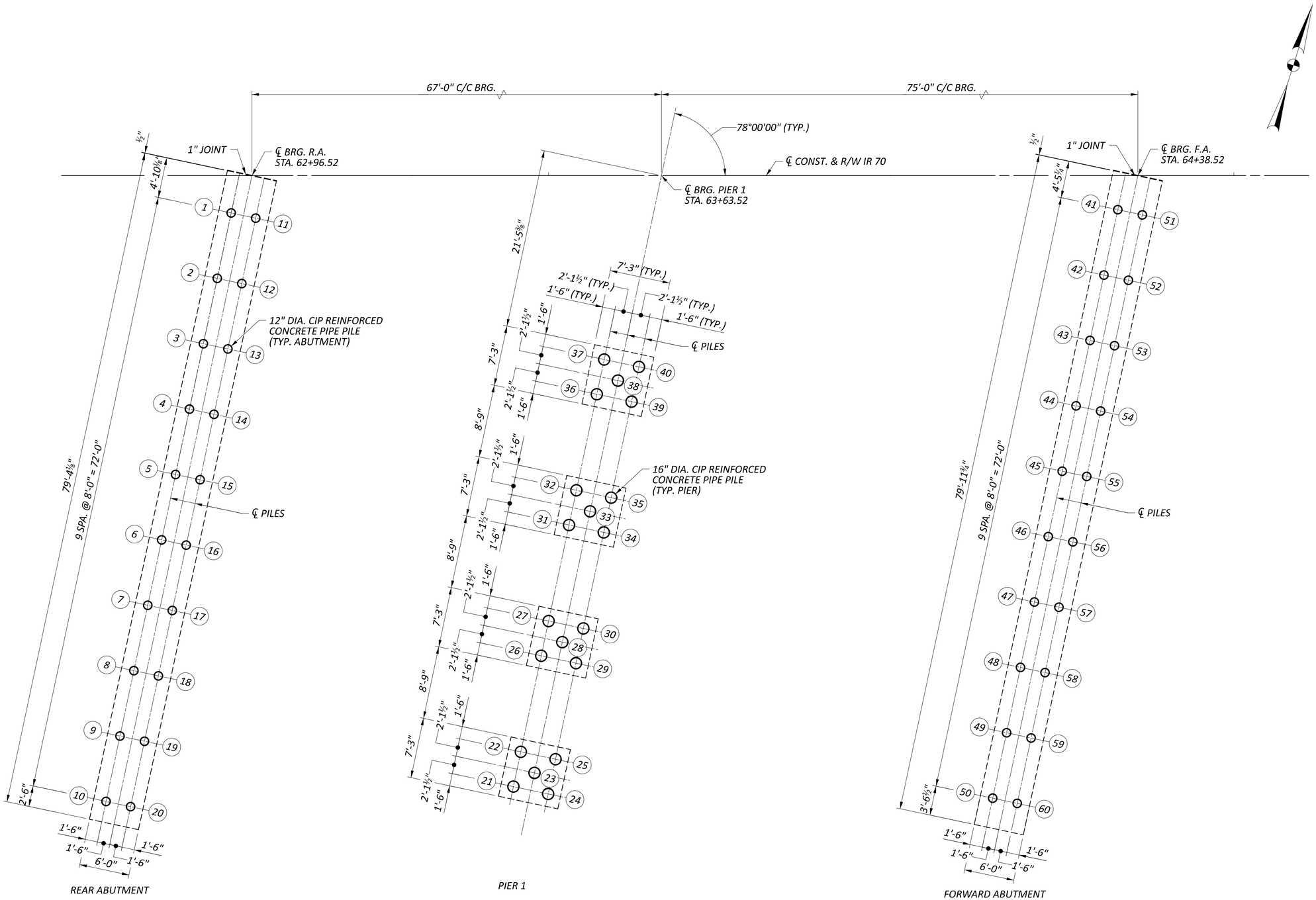

FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

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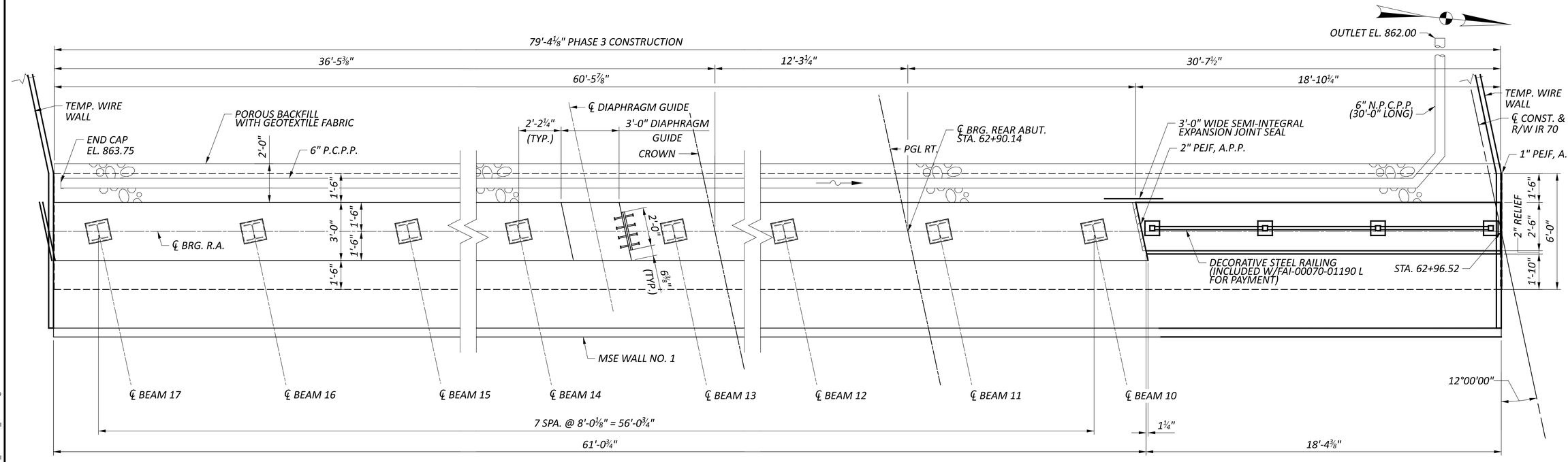
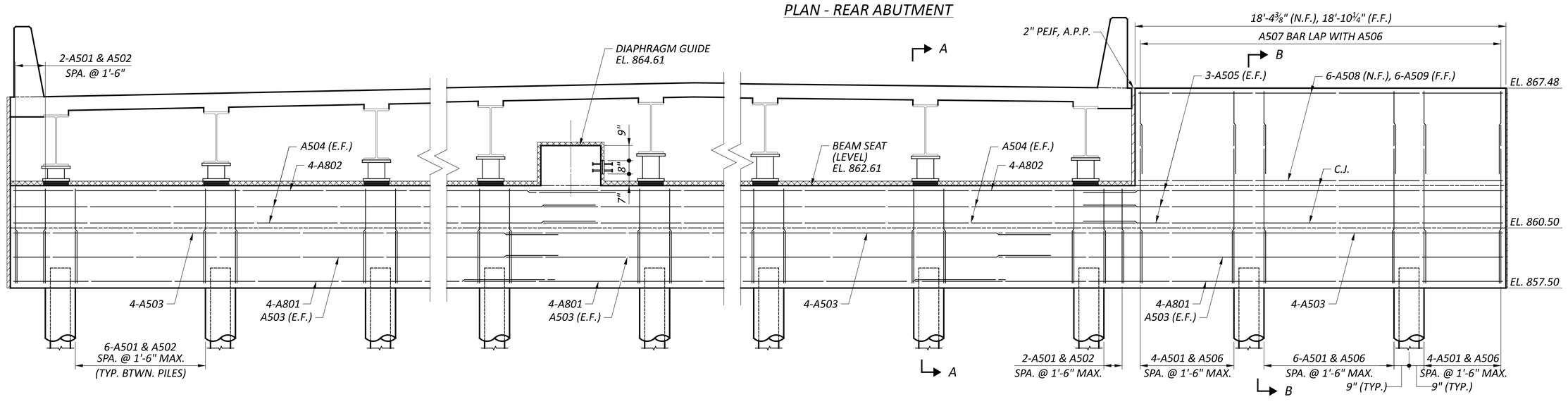
FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	16
TOTAL	37
SHEET	P.1615
TOTAL	P.2024



PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 16/37.*
2. *FOR SECTION A-A & B-B, SEE SHEET 19/37.*
3. *FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.*

REAR ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
17	37

SHEET	TOTAL
P.1616	P.2024

FAI/LIC-70.0.00/0.00

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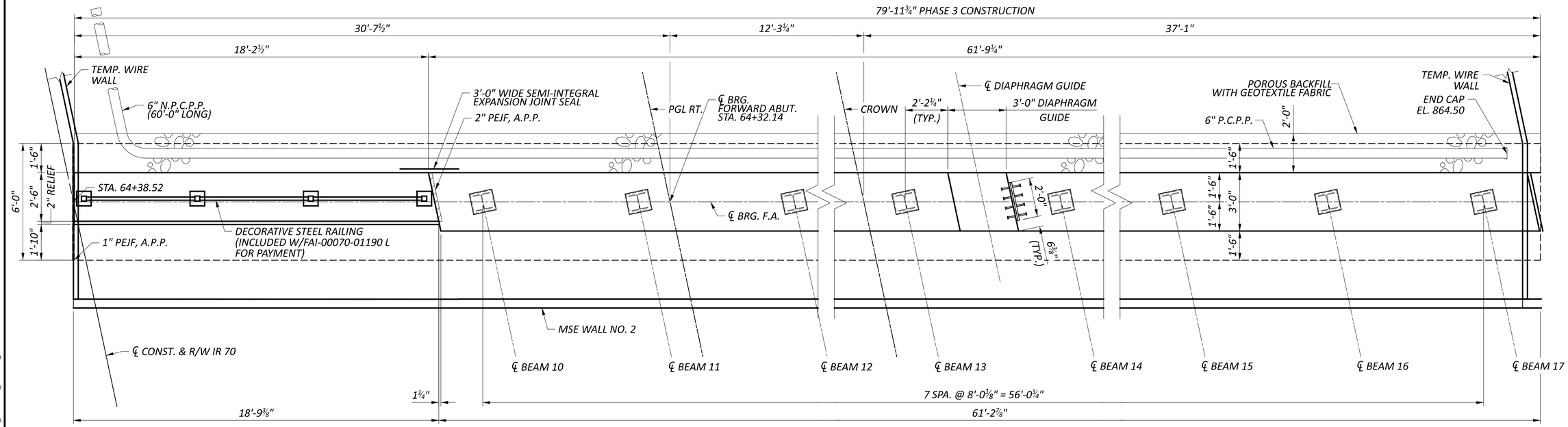
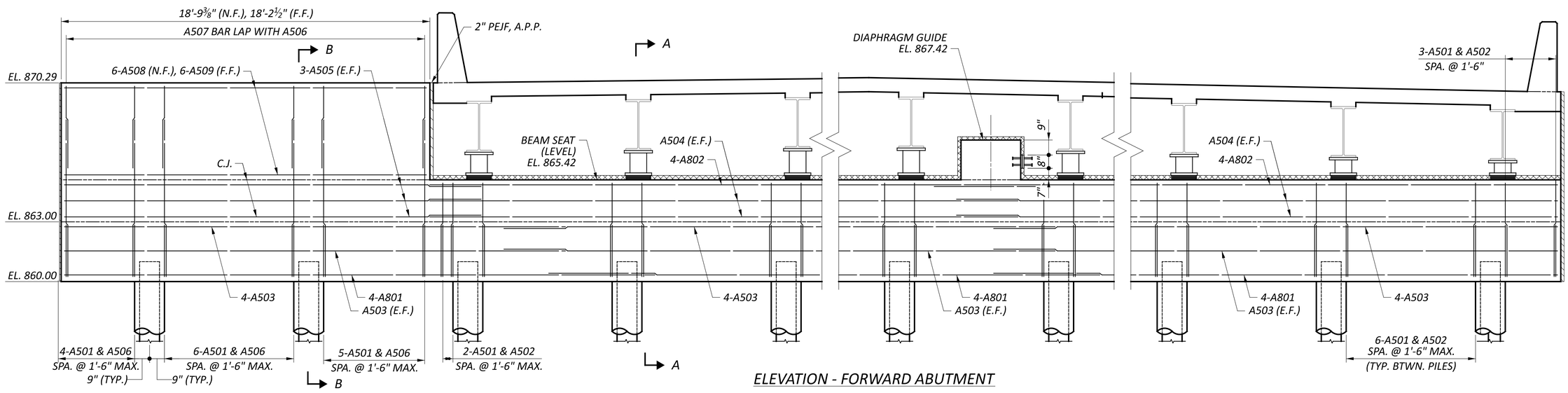


PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 16/37.
2. FOR SECTION A-A & B-B, SEE SHEET 19/37.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

FORWARD ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 18 | TOTAL 37
SHEET P.1617 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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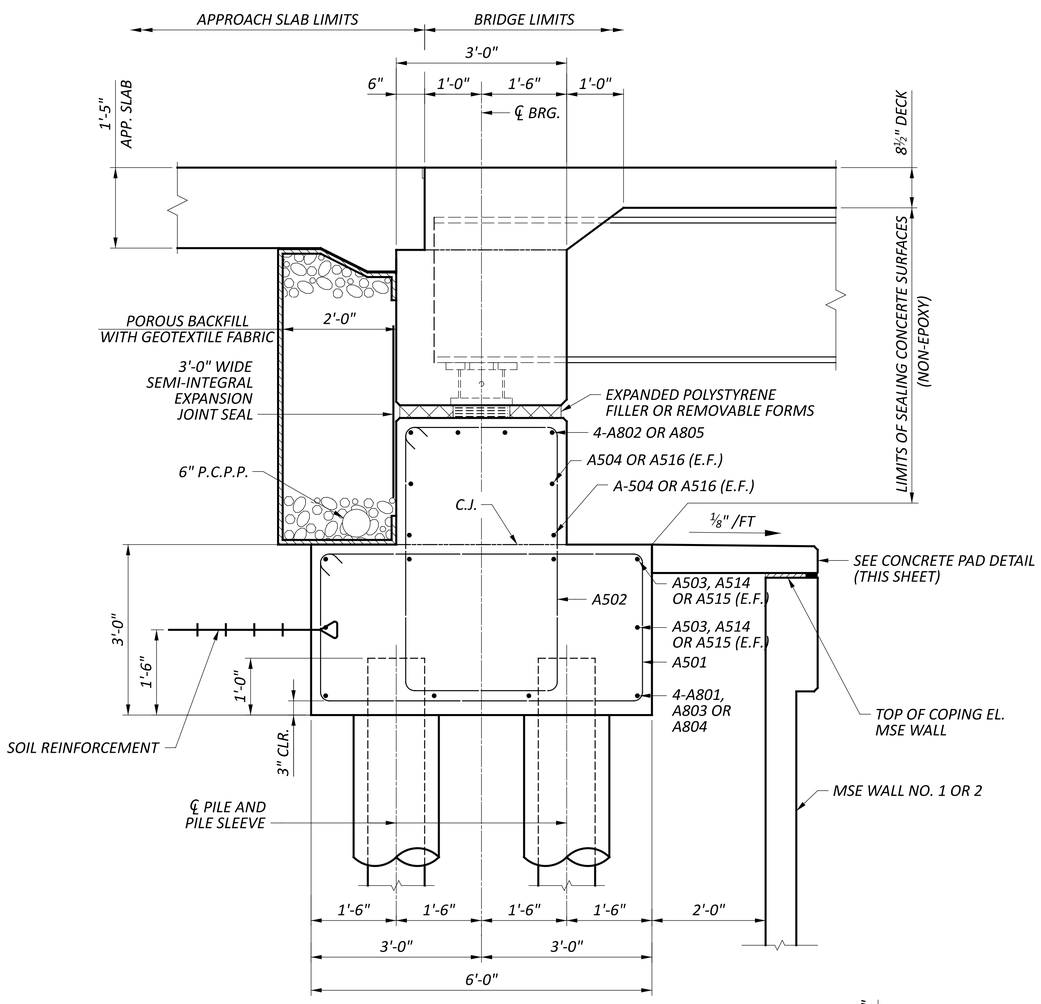
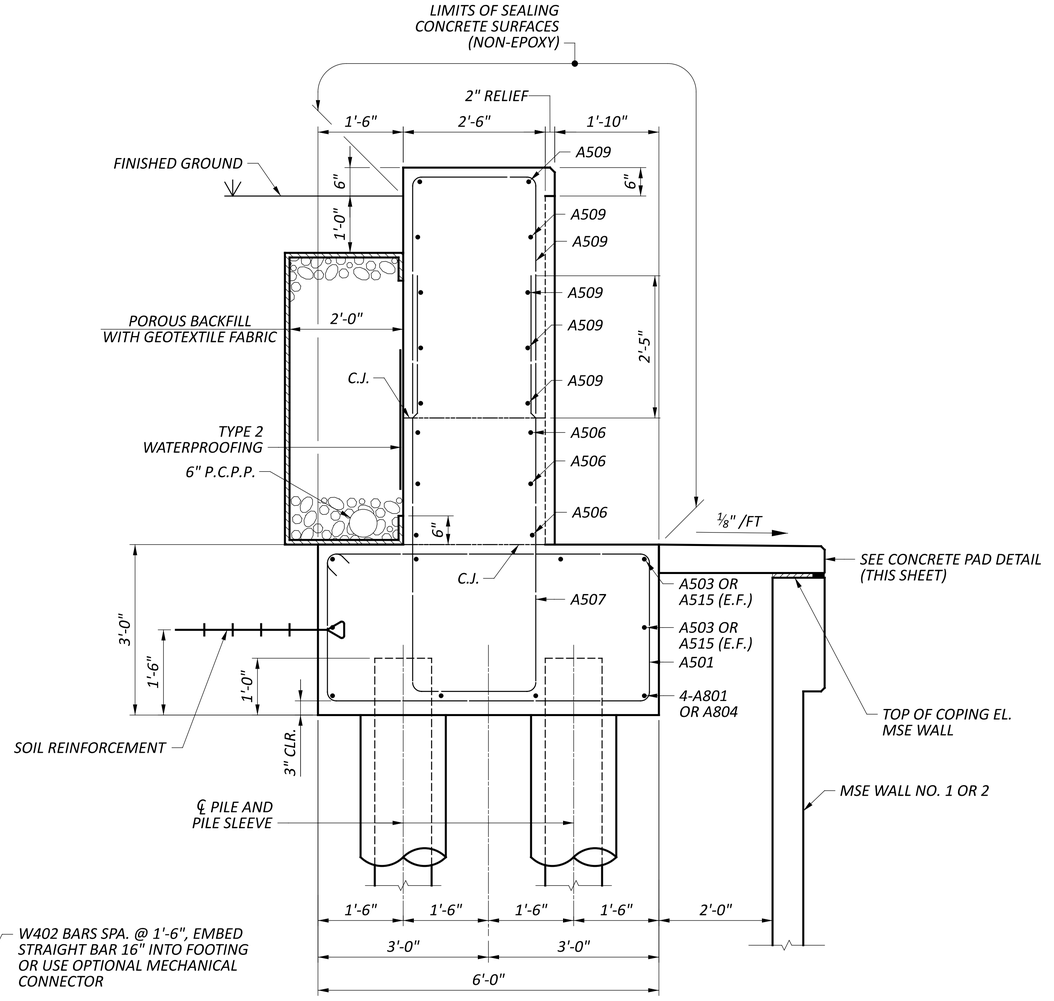
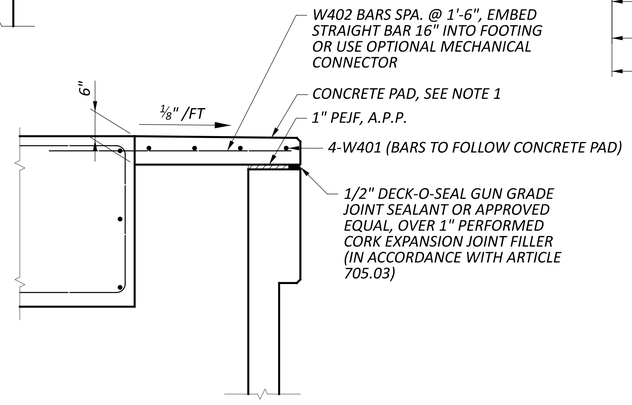


SECTION A-A



SECTION B-B



CONCRETE PAD DETAIL

NOTES

1. FOR ADDITIONAL CONCRETE PAD INFORMATION, SEE MSE WALL DETAILS.

ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	19
TOTAL	37
SHEET	P.1618
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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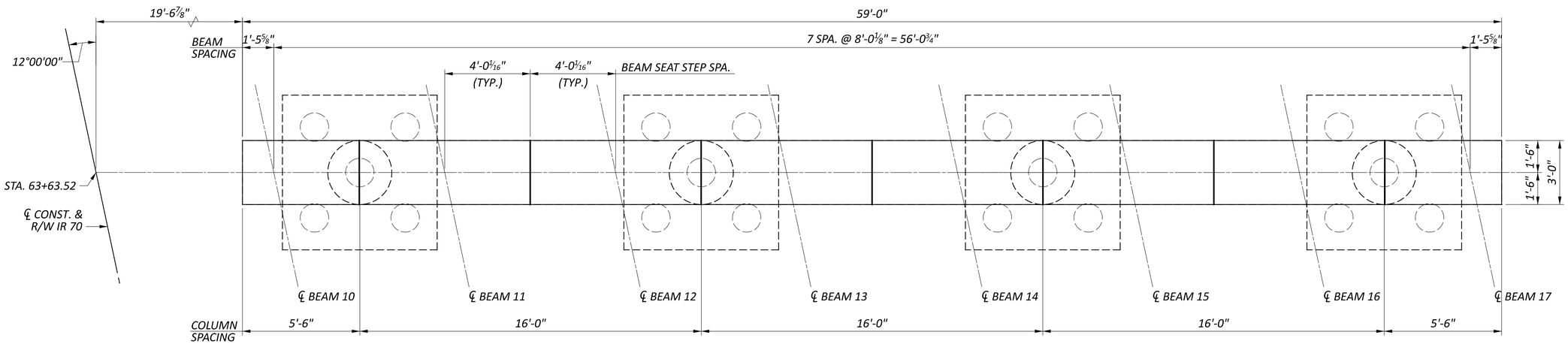
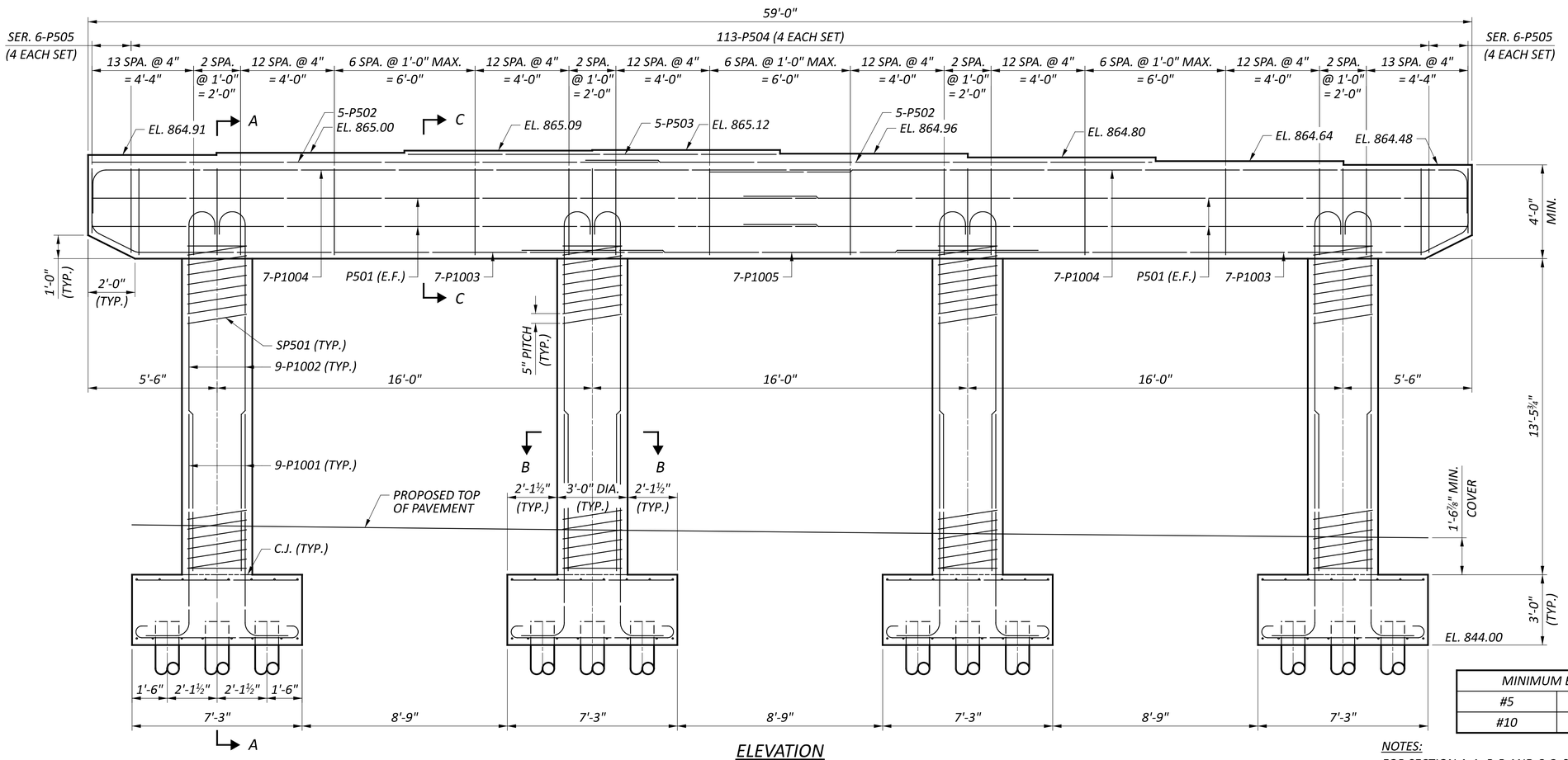


PLAN



ELEVATION

MINIMUM BAR LAP	
#5	2'-7"
#10	6'-10"

NOTES:
FOR SECTION A-A, B-B AND C-C, SEE SHEET 21/37.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 20 | TOTAL 37
SHEET P.1619 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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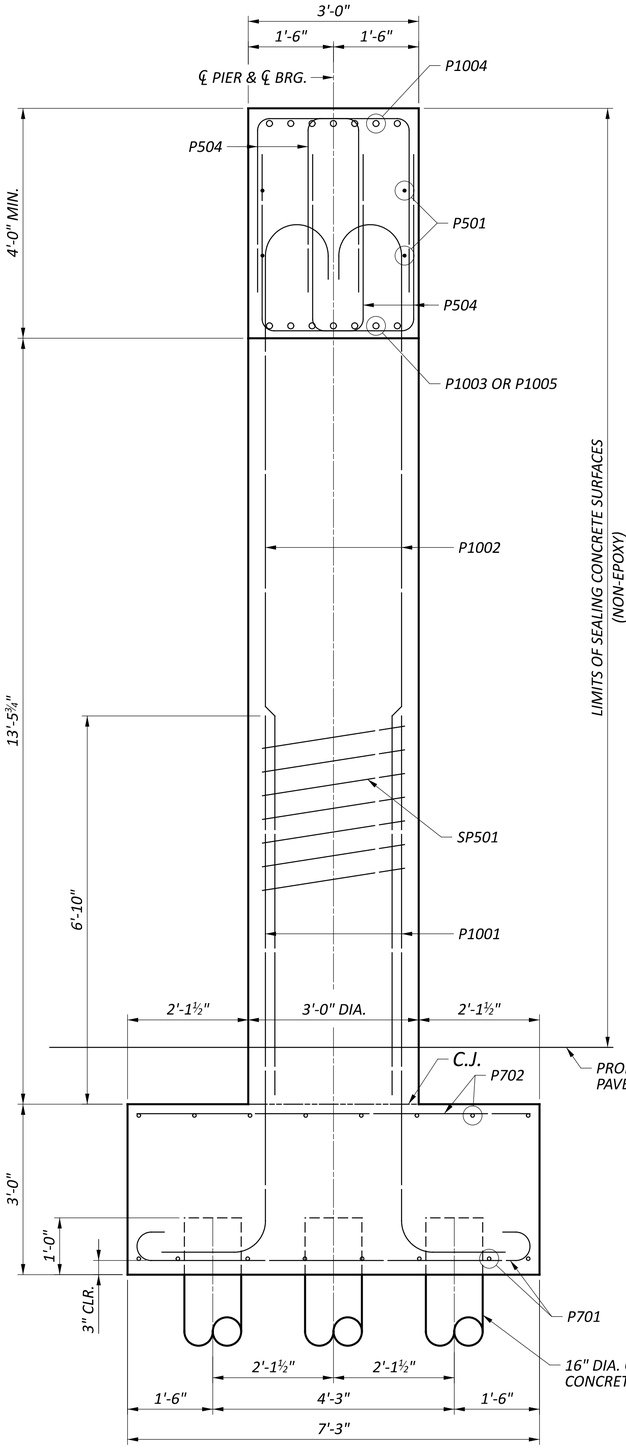
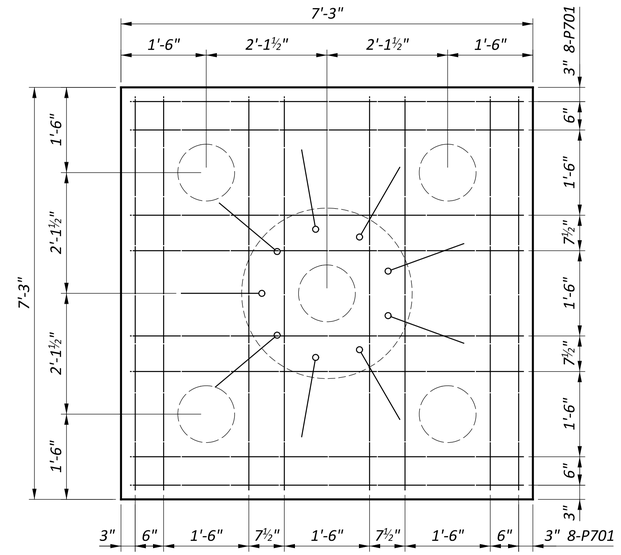
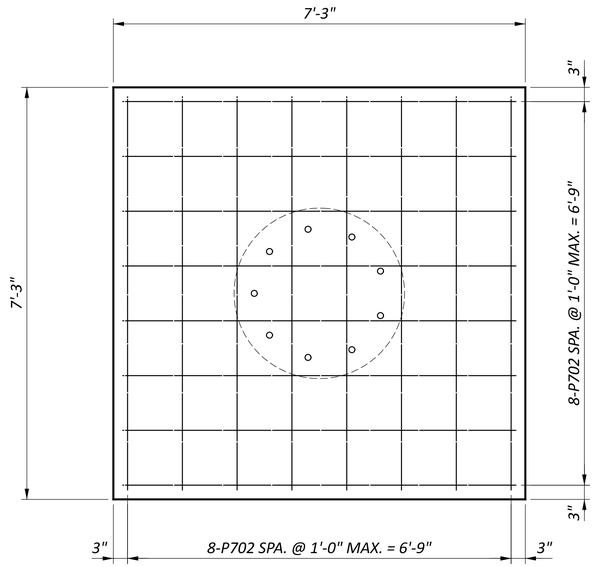


SECTION A-A



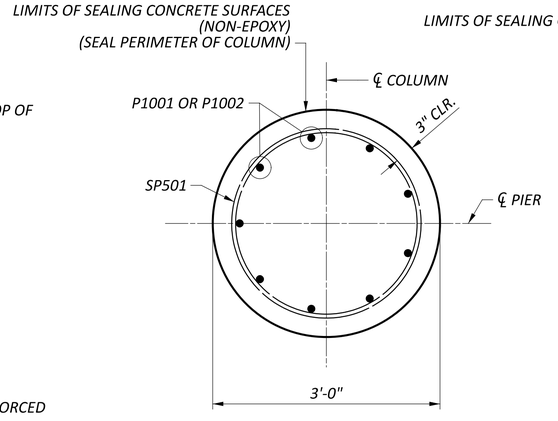
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

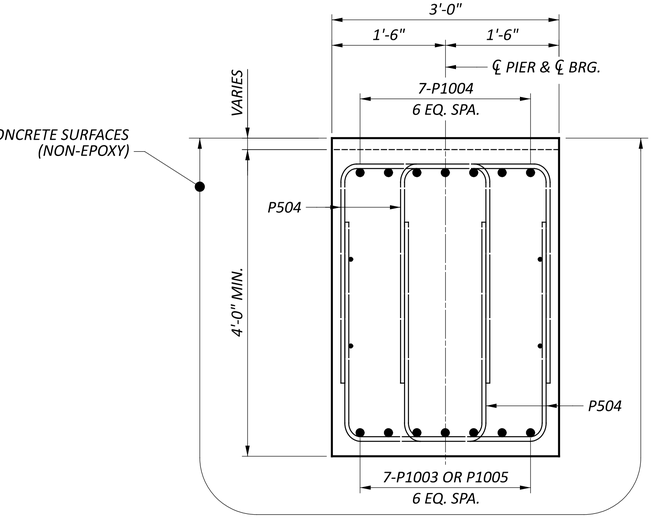


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

FAI/LIC-70.0.00/0.00

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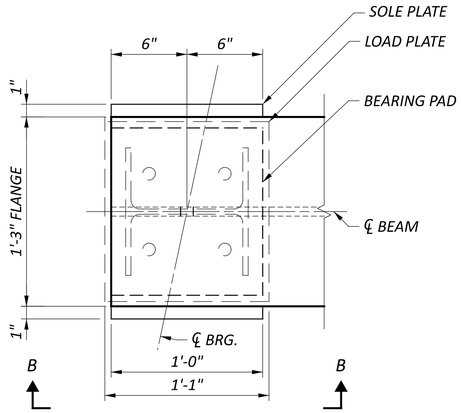
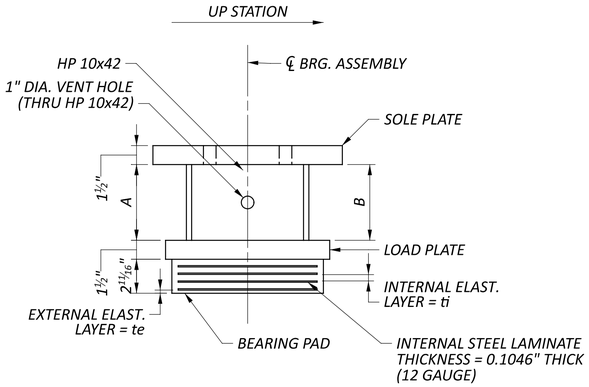
PIER DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	21
TOTAL	37
SHEET	P.1620
TOTAL	P.2024

BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS		
10-17	REAR ABUT.	EXPANSION	8	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
10-17	FWD. ABUT.	EXPANSION	8	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

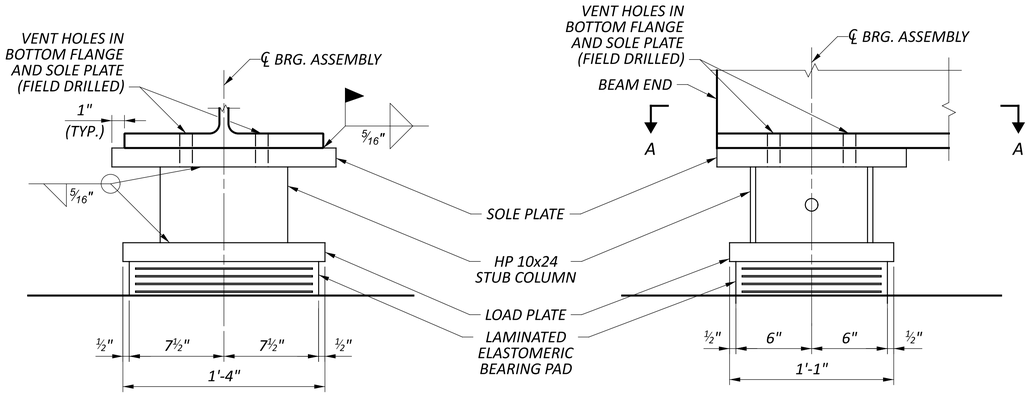


SECTION A-A



SECTION B-B

FAI-00070-01190 R HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 10	11"	11 3/16"	11"	11 3/16"
BEAM 11	1' - 0 1/16"	1' - 0 5/16"	1' - 0 1/16"	1' - 0 5/16"
BEAM 12	1' - 1 3/16"	1' - 1 3/8"	1' - 1 3/16"	1' - 1 3/8"
BEAM 13	1' - 1 1/2"	1' - 1 11/16"	1' - 1 1/2"	1' - 1 11/16"
BEAM 14	11 5/8"	11 13/16"	11 5/8"	11 13/16"
BEAM 15	9 11/16"	9 7/8"	9 11/16"	9 7/8"
BEAM 16	7 13/16"	8"	7 13/16"	8"
BEAM 17	5 7/8"	6 1/8"	5 7/8"	6 1/8"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 22 | TOTAL 37
SHEET P.1621 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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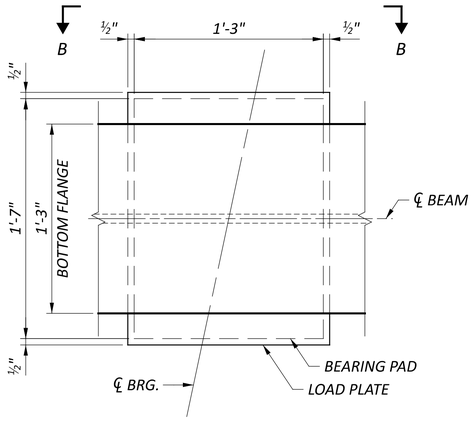
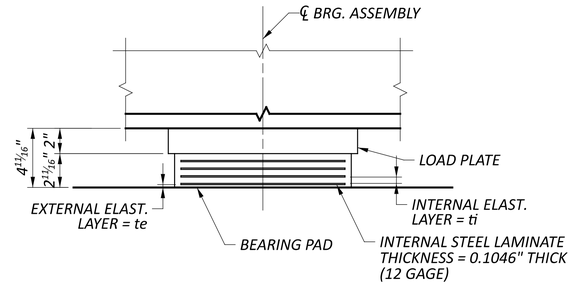
BEARING SCHEDULE

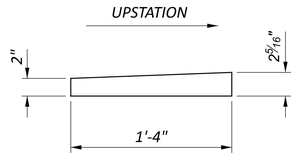
BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L x W x T
10-17	PIER 1	EXPANSION	9	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



SECTION A-A

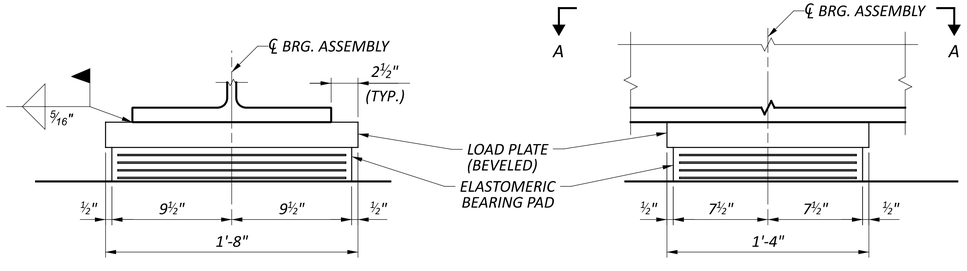


SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0



EXPANSION BEARINGS AT PIER 1

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 23 | TOTAL 37
SHEET P.1622 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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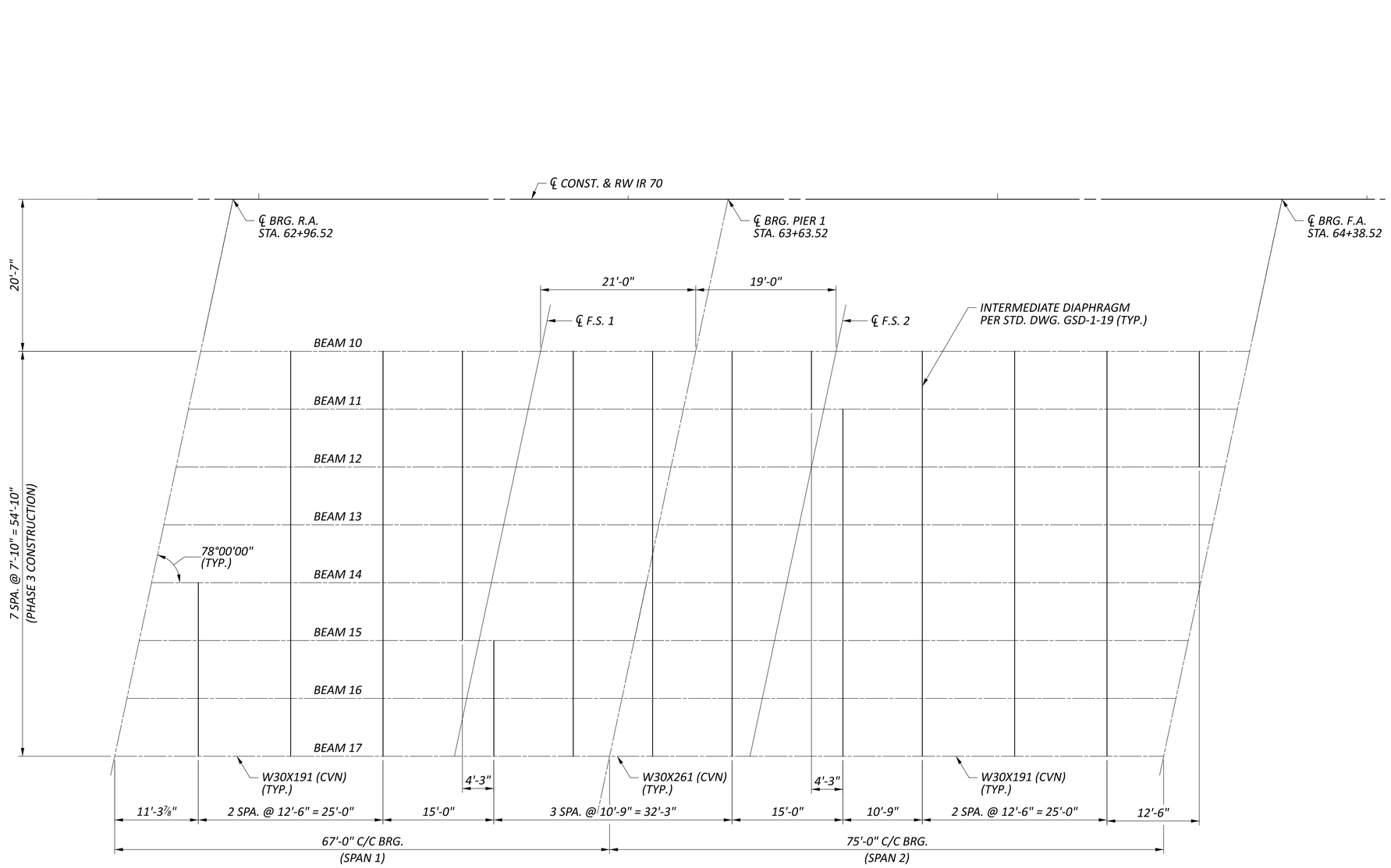

FRAMING PLAN - RIGHT BRIDGE

NOTES:

1. *FOR BEAM DETAILS, SEE SHEET 25 & 26/37.*
2. *ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.*

FRAMING PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	24
TOTAL	37
SHEET	P.1623
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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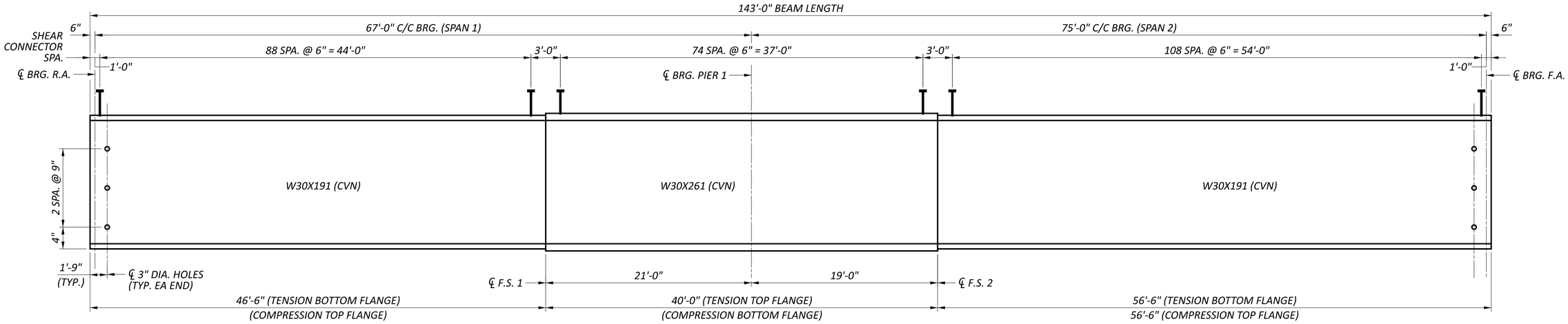
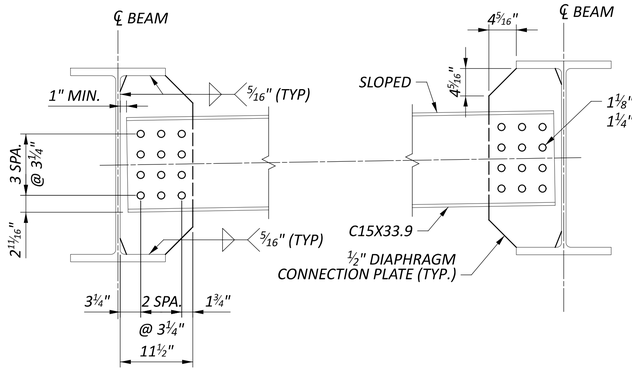
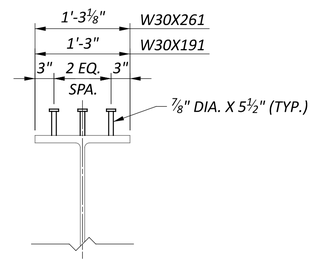


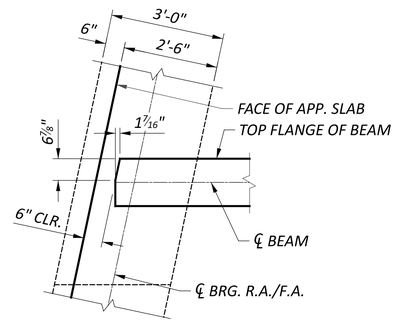
BEAMS 10-17 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. *FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19*
2. *CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.*
3. *HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.*
4. *WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.*

BEAM DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 25 | TOTAL 37
SHEET P.1624 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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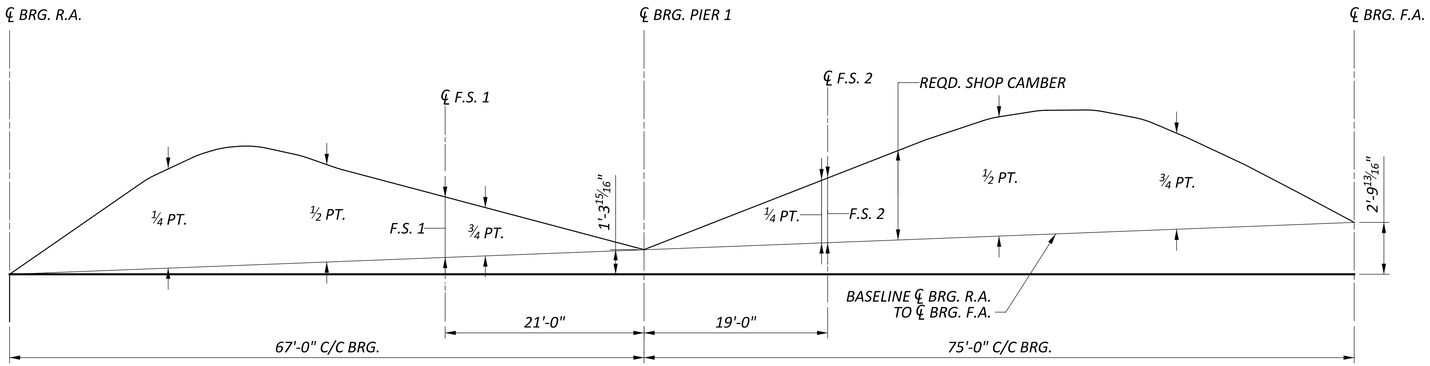
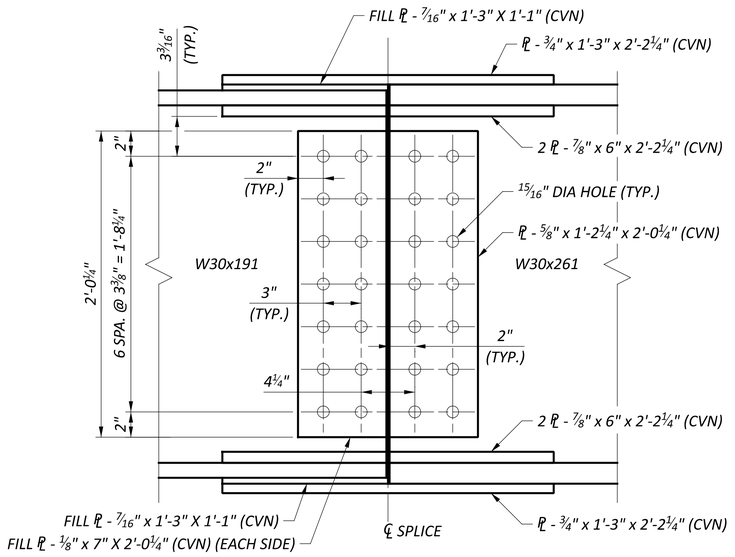
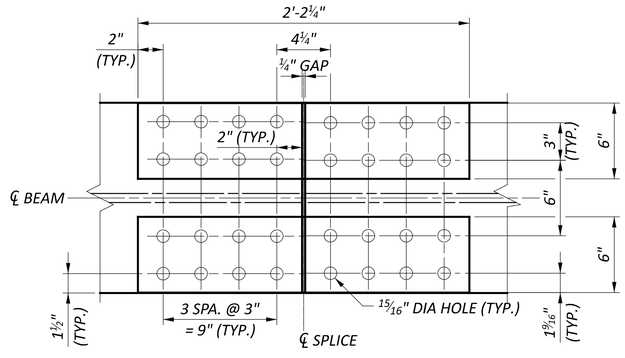
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 10 - 17)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	9/16"	9/16"	5/16"	3/16"	0"	5/8"	11/16"	1 5/16"	1 1/16"	0"



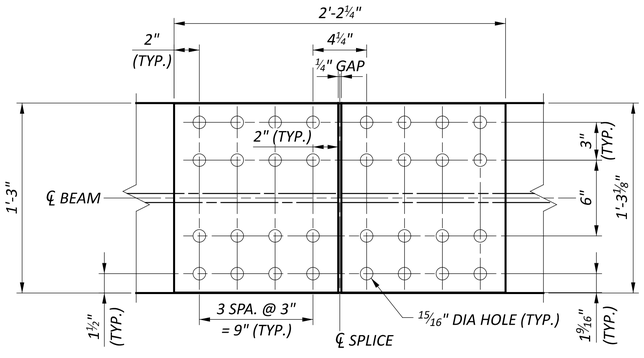
CAMBER AND BLOCKING DIAGRAM - BEAMS 10-17



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	26
TOTAL	37
SHEET	P.1625
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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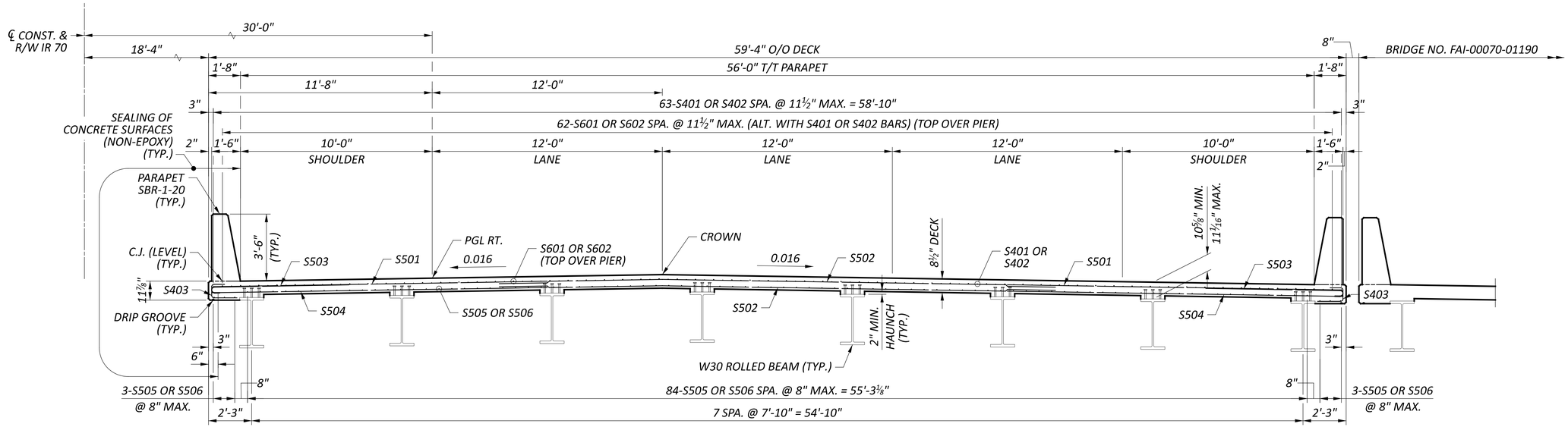

TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER BWJ | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 27 | TOTAL 37
SHEET P.1626 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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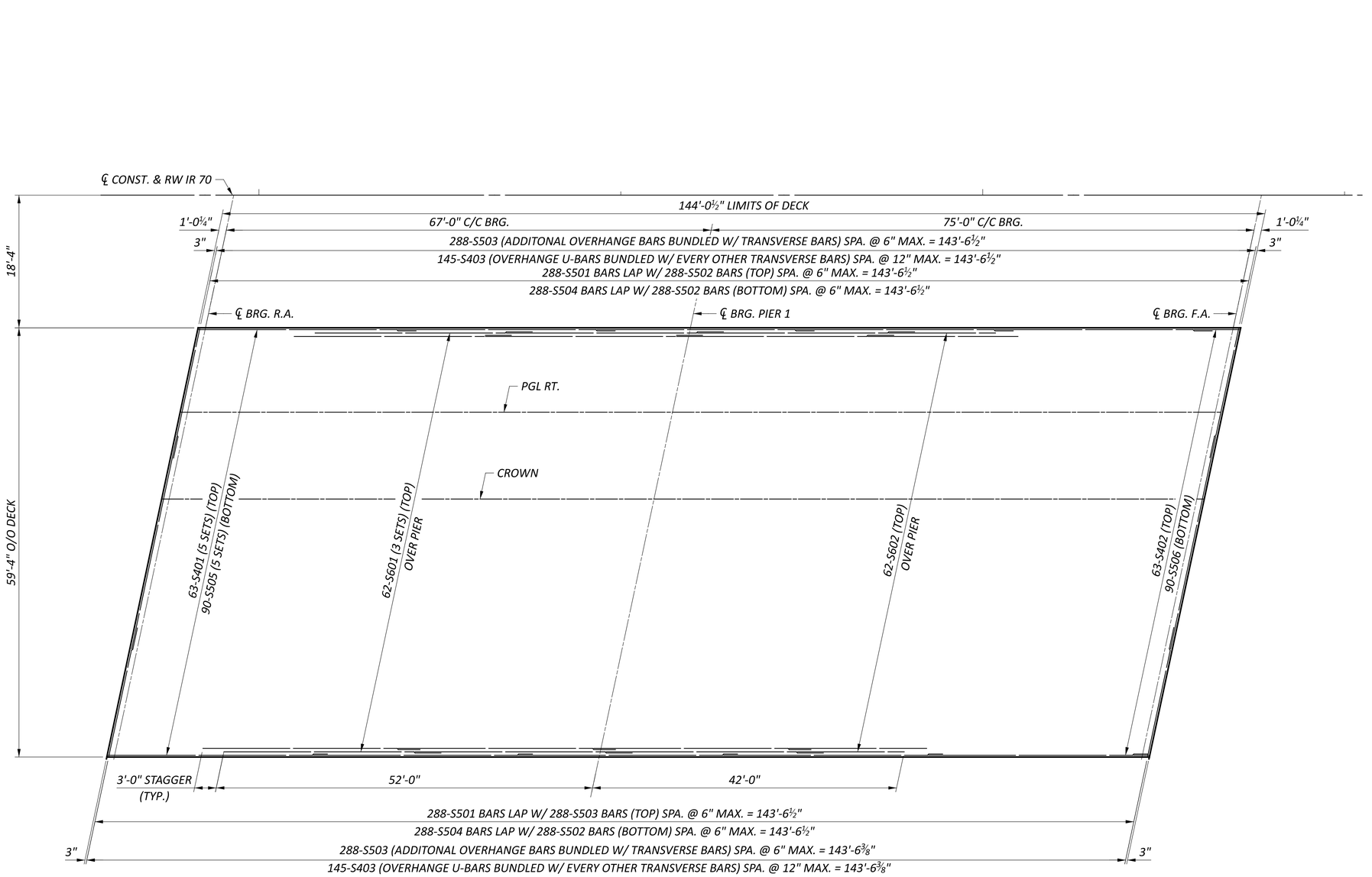

DECK PLAN

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

NOTES:

1. FOR TRANSVERSE SECTION, SEE SHEET 27/37.

DECK PLAN
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
BJW	SJF

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
28	37

SHEET	TOTAL
P.1627	P.2024

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:07:51 PM USER: brieder
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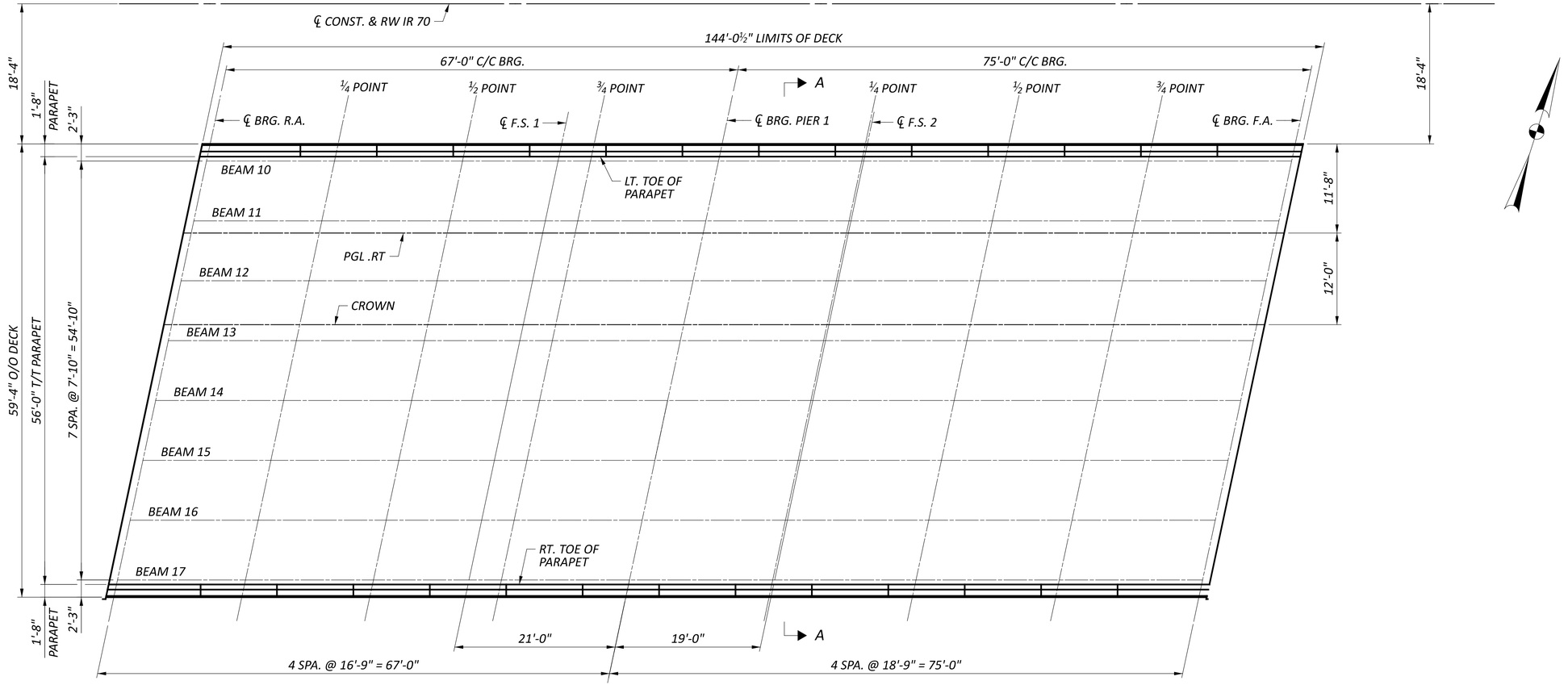
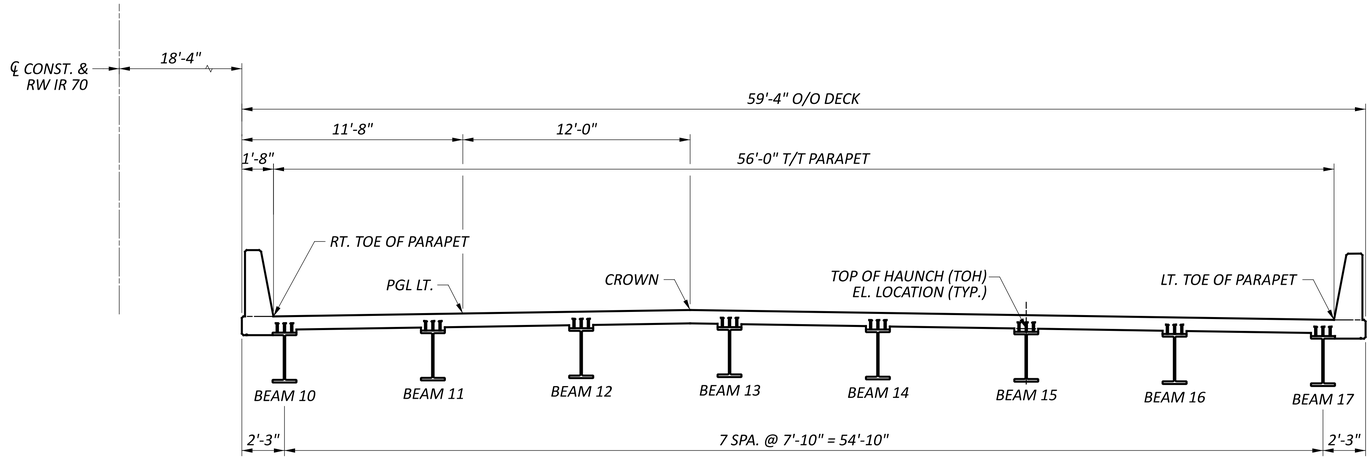


SCREED LAYOUT PLAN



NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED*

SCREED DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:07:58 PM USER: brieder
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SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	29
TOTAL	37
SHEET	P.1628
TOTAL	P.2024

TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
LT. TOE OF PARAPET	STATION	62+92.26	63+09.01	63+25.76	63+38.26	63+42.51	63+59.26	63+78.01	63+78.26	63+96.76	64+15.51	64+34.26
	F.D.S. ELEV.	867.48	867.81	868.14	868.39	868.47	868.81	869.18	869.18	869.55	869.92	870.29
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.48	867.84	868.18	868.41	868.49	868.81	869.22	869.23	869.64	870.00	870.29
PGL RT.	STATION	62+90.14	63+06.89	63+23.64	63+36.14	63+40.39	63+57.14	63+75.89	63+76.14	63+94.64	64+13.39	64+32.14
	F.D.S. ELEV.	867.59	867.93	868.26	868.51	868.59	868.92	869.30	869.30	869.67	870.04	870.41
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.59	867.96	868.30	868.53	868.60	868.92	869.34	869.35	869.76	870.11	870.41
CROWN	STATION	62+87.59	63+04.34	63+21.09	63+33.59	63+37.84	63+54.59	63+73.34	63+73.59	63+92.09	64+10.84	64+29.59
	F.D.S. ELEV.	867.74	868.07	868.40	868.65	868.73	869.07	869.44	869.44	869.81	870.18	870.55
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.74	868.10	868.44	868.67	868.74	869.07	869.48	869.49	869.90	870.25	870.55
RT. TOE OF PARAPET	STATION	62+80.36	62+97.11	63+13.86	63+26.36	63+30.61	63+47.36	63+66.11	63+66.36	63+84.86	64+03.61	64+22.36
	F.D.S. ELEV.	867.05	867.38	867.71	867.96	868.05	868.38	868.75	868.75	869.12	869.49	869.87
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.05	867.41	867.75	867.98	868.06	868.38	868.79	868.80	869.21	869.57	869.87
FAI-00070-01190 R TOP OF HAUNCH ELEVATIONS												
BEAM 10	STATION	62+92.14	63+08.89	63+25.64	63+38.14	63+42.39	63+59.14	63+77.89	63+78.14	63+96.64	64+15.39	64+34.14
	F.D.S. ELEV.	867.48	867.82	868.15	868.40	868.48	868.81	869.18	869.19	869.56	869.93	870.30
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.78	867.14	867.48	867.71	867.78	868.10	868.52	868.53	868.94	869.29	869.59
BEAM 11	STATION	62+90.48	63+07.23	63+23.98	63+36.48	63+40.73	63+57.48	63+76.23	63+76.48	63+94.98	64+13.73	64+32.48
	F.D.S. ELEV.	867.58	867.91	868.24	868.49	868.57	868.91	869.28	869.28	869.65	870.02	870.39
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.87	867.23	867.57	867.80	867.88	868.20	868.61	868.62	869.03	869.39	869.69
BEAM 12	STATION	62+88.81	63+05.56	63+22.31	63+34.81	63+39.06	63+55.81	63+74.56	63+74.81	63+93.31	64+12.06	64+30.81
	F.D.S. ELEV.	867.67	868.00	868.33	868.58	868.67	869.00	869.37	869.37	869.74	870.11	870.49
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.96	867.33	867.66	867.89	867.97	868.29	868.70	868.71	869.12	869.48	869.78
BEAM 13	STATION	62+87.15	63+03.90	63+20.65	63+33.15	63+37.40	63+54.15	63+72.90	63+73.15	63+91.65	64+10.40	64+29.15
	F.D.S. ELEV.	867.69	868.03	868.36	868.61	868.69	869.02	869.40	869.40	869.77	870.14	870.51
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.99	867.35	867.69	867.92	867.99	868.31	868.73	868.74	869.15	869.50	869.80
BEAM 14	STATION	62+85.48	63+02.23	63+18.98	63+31.48	63+35.73	63+52.48	63+71.23	63+71.48	63+89.98	64+08.73	64+27.48
	F.D.S. ELEV.	867.54	867.87	868.20	868.45	868.53	868.86	869.24	869.24	869.61	869.98	870.35
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.83	867.19	867.53	867.76	867.84	868.16	868.57	868.58	868.99	869.35	869.64
BEAM 15	STATION	62+83.82	63+00.57	63+17.32	63+29.82	63+34.07	63+50.82	63+69.57	63+69.82	63+88.32	64+07.07	64+25.82
	F.D.S. ELEV.	867.38	867.71	868.04	868.29	868.37	868.71	869.08	869.08	869.45	869.82	870.19
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.67	867.04	867.37	867.60	867.68	868.00	868.41	868.42	868.83	869.19	869.49
BEAM 16	STATION	62+82.15	62+98.90	63+15.65	63+28.15	63+32.40	63+49.15	63+67.90	63+68.15	63+86.65	64+05.40	64+24.15
	F.D.S. ELEV.	867.22	867.55	867.88	868.13	868.22	868.55	868.92	868.92	869.29	869.66	870.04
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.51	866.88	867.21	867.44	867.52	867.84	868.26	868.26	868.67	869.03	869.33
BEAM 17	STATION	62+80.49	62+97.24	63+13.99	63+26.49	63+30.74	63+47.49	63+66.24	63+66.49	63+84.99	64+03.74	64+22.49
	F.D.S. ELEV.	867.06	867.39	867.72	867.97	868.06	868.39	868.76	868.77	869.13	869.51	869.88
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.35	866.72	867.05	867.28	867.36	867.68	868.10	868.10	868.51	868.87	869.17

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
MPEAON STRUCTUREPOINT INC.

DESIGNER	CHECKER
DAS	SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
30	37

SHEET	TOTAL
P.1629	P.2024

FAI/LIC-70.0.00/0.00

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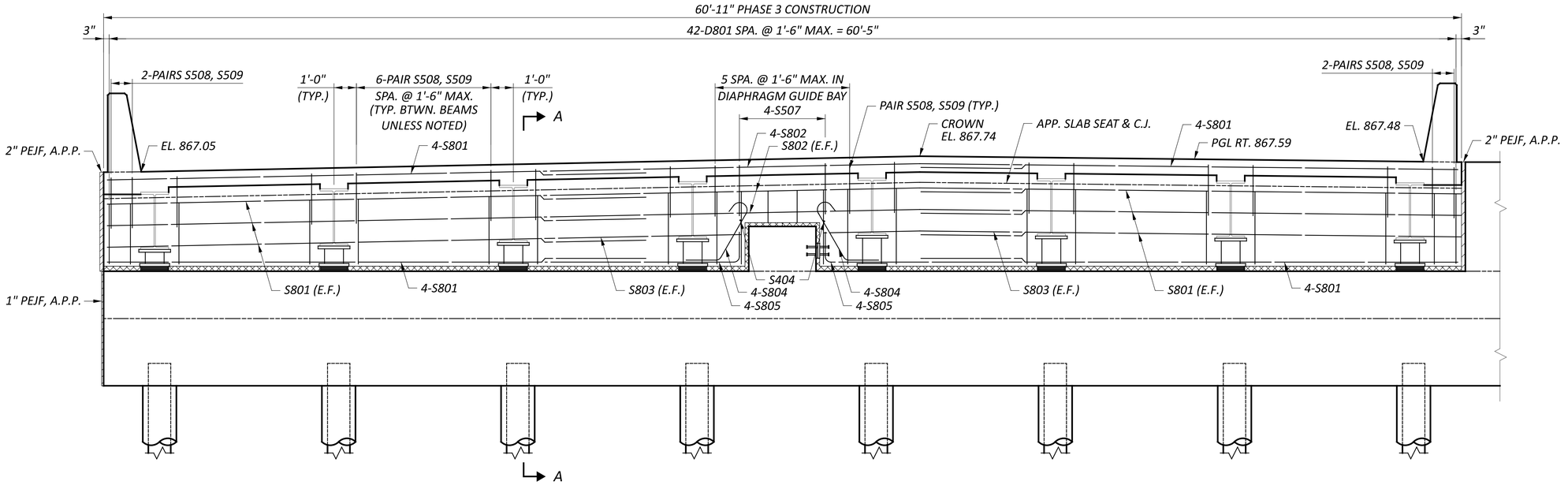
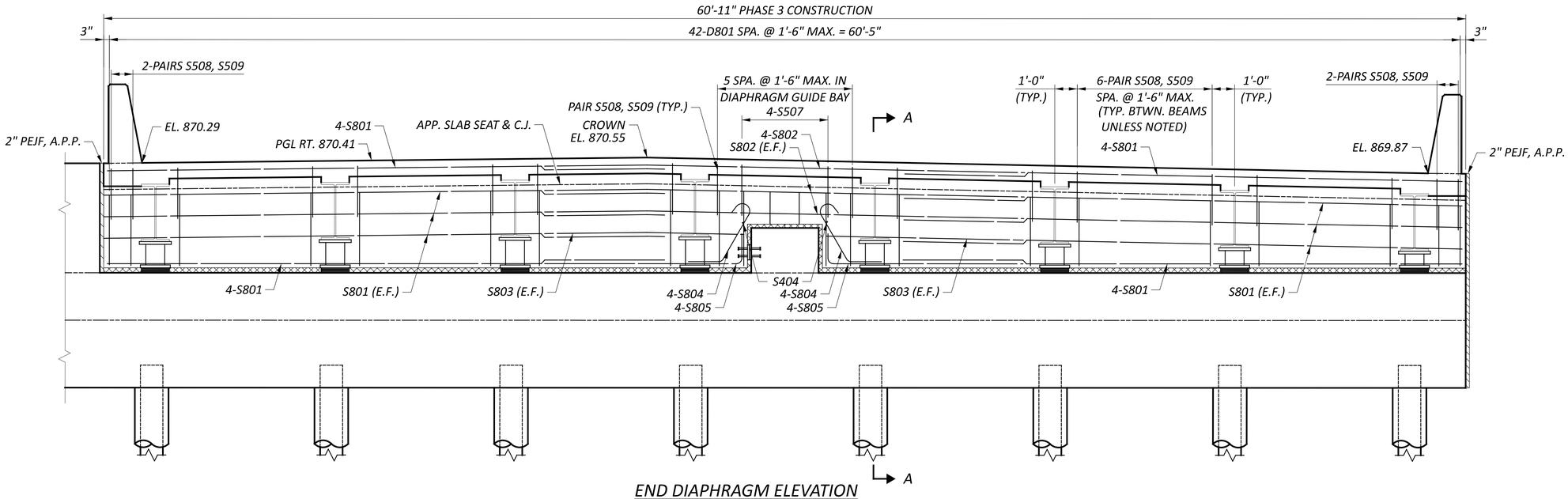


END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	*4'-6"*

NOTES:

1. FOR SECTION A-A , SEE SHEET 32/37.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
31	37

SHEET	TOTAL
P.1630	P.2024

FAI/LIC-70.0.00/0.00

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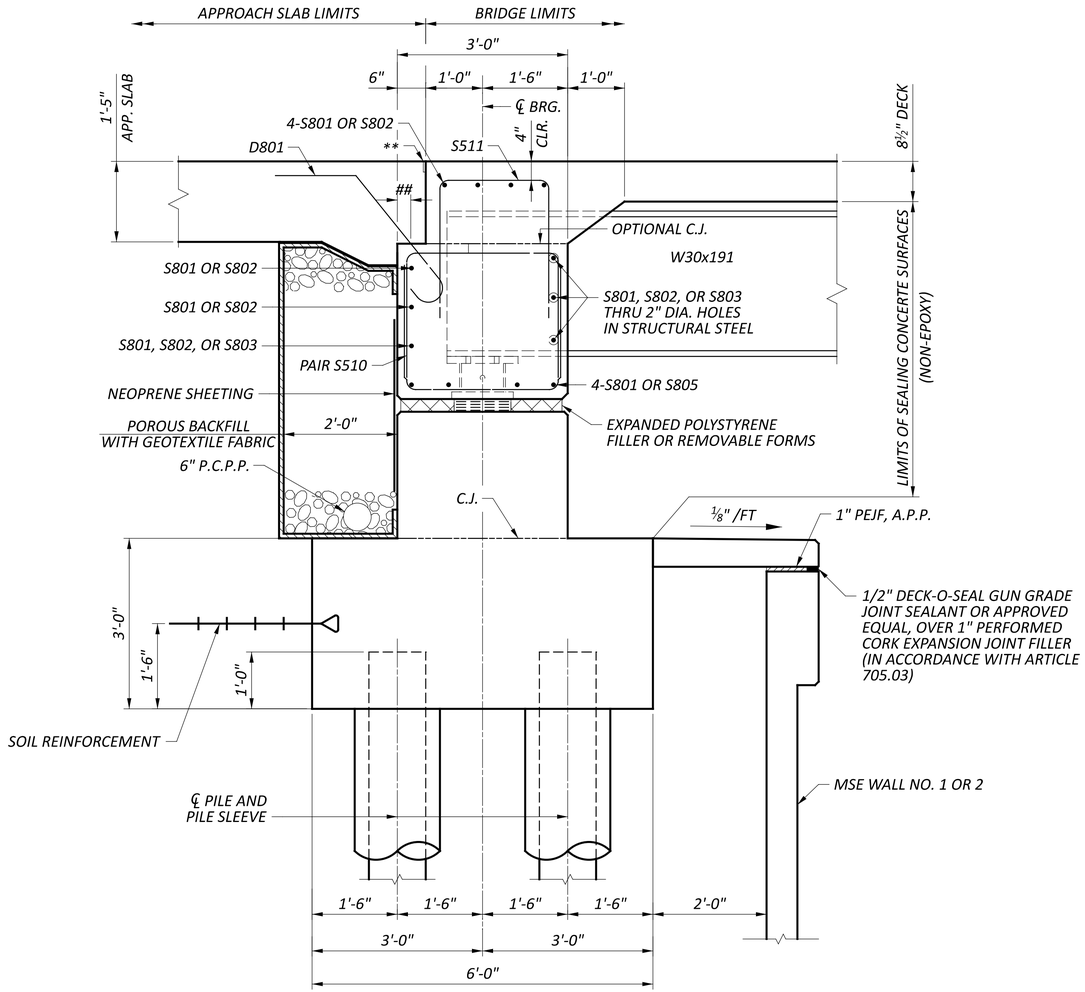

SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 17 & 18/37.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	WESTLAKE STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	32
TOTAL	37
SHEET	P.1631
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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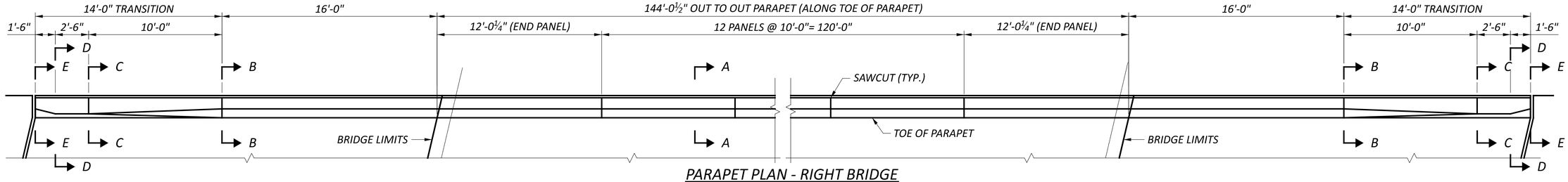
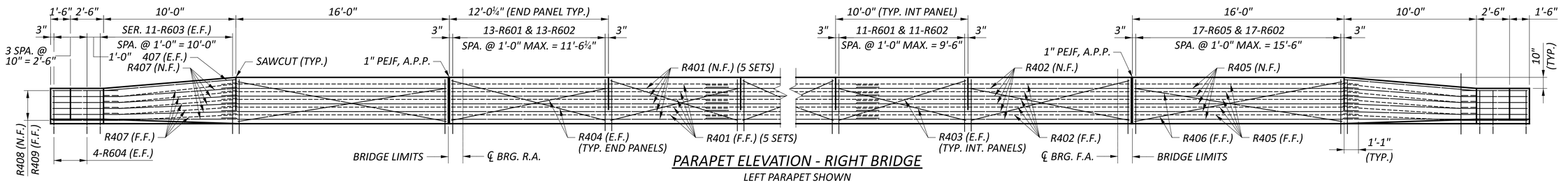


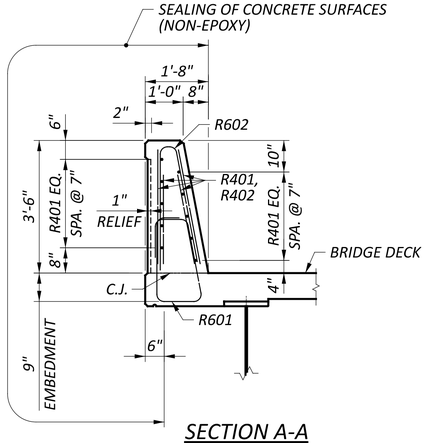
PARAPET PLAN - RIGHT BRIDGE

LEFT PARAPET SHOWN

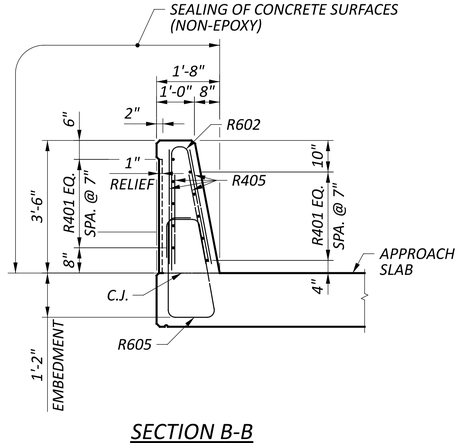


PARAPET ELEVATION - RIGHT BRIDGE

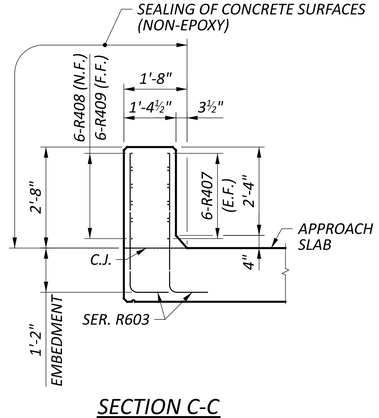
LEFT PARAPET SHOWN



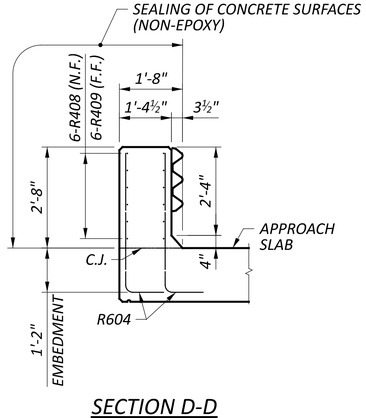
SECTION A-A



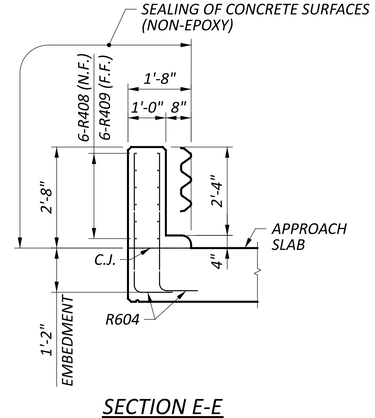
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	33
TOTAL	37
SHEET	P.1632
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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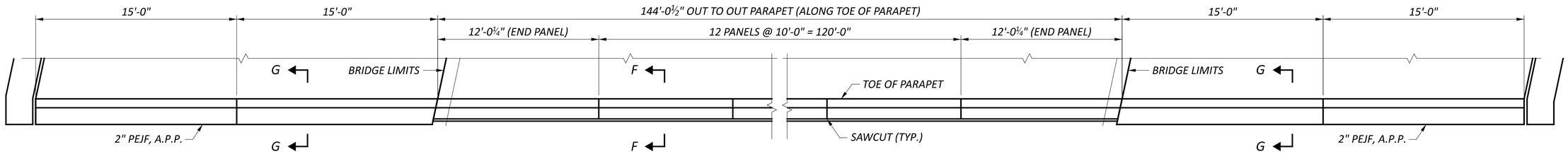
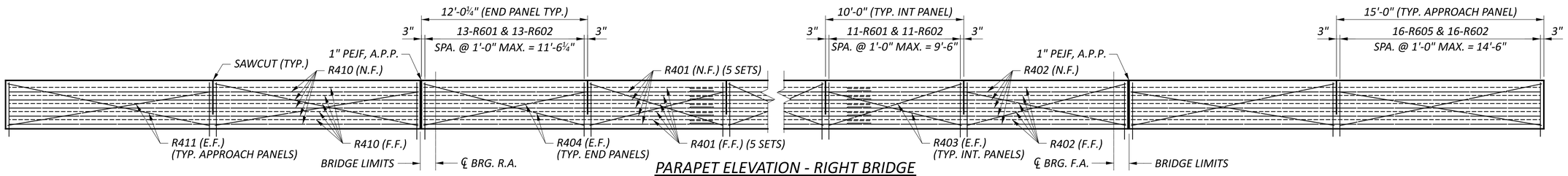


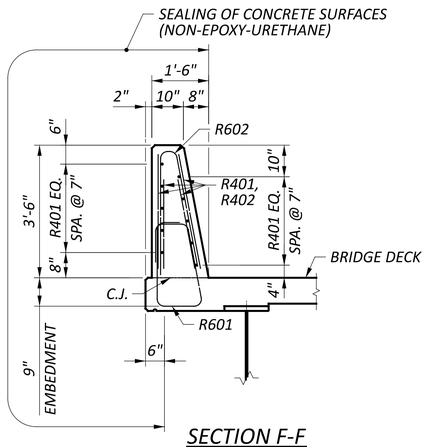
PARAPET PLAN - RIGHT BRIDGE

RIGHT PARAPET SHOWN

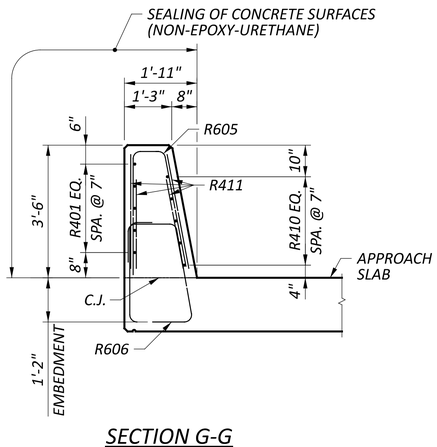


PARAPET ELEVATION - RIGHT BRIDGE

RIGHT PARAPET SHOWN



SECTION F-F



SECTION G-G

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.
2. FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 34 | TOTAL 37
SHEET P.1633 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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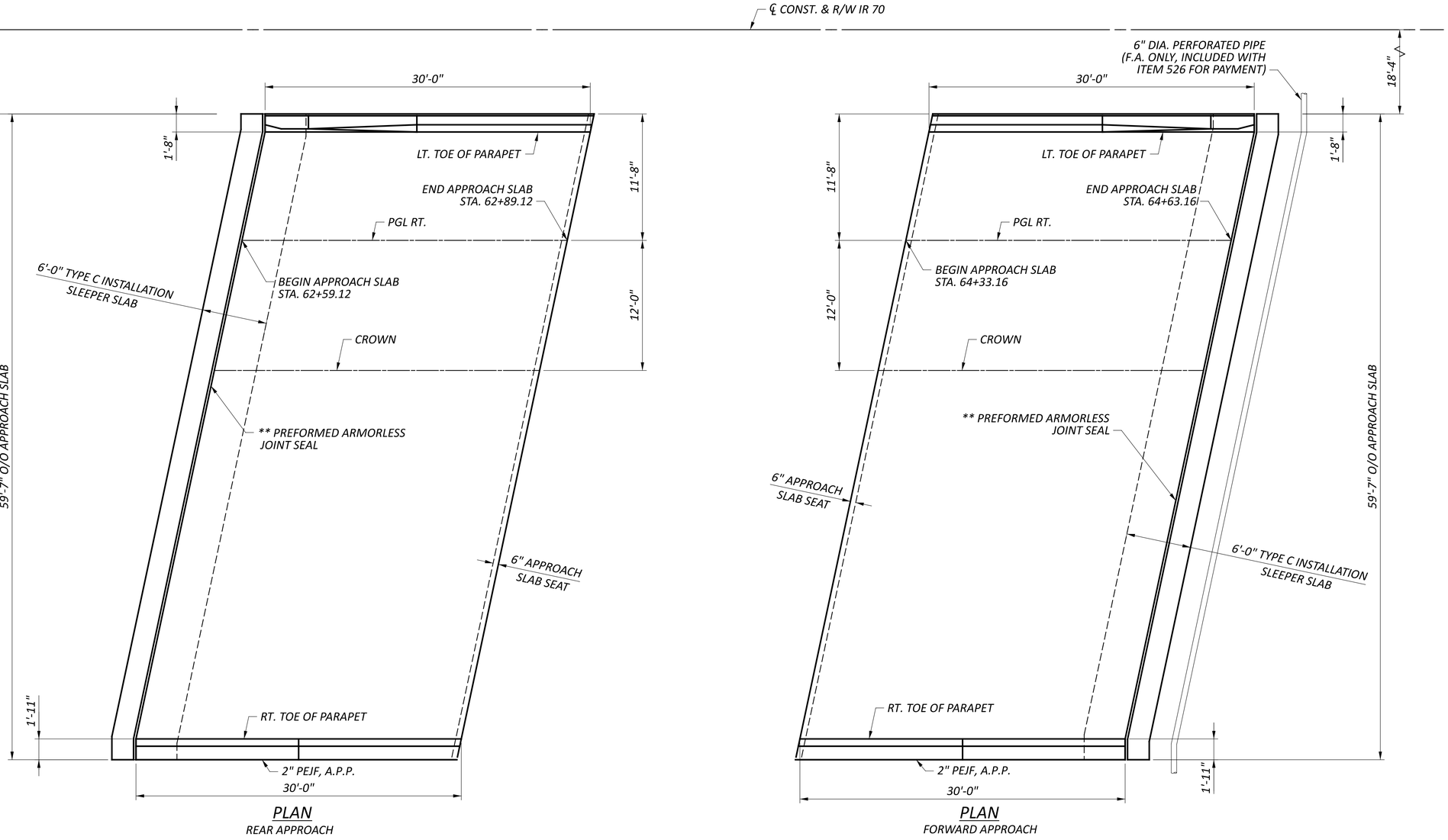

FAI-00070-01190 R APPROACH SLAB ELEVATIONS

LOCATION \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+58.98	62+61.24	62+65.11	62+91.24		64+35.29	64+61.43	64+65.29	64+67.56
	ELEVATION	865.40	866.86	865.52	867.46		870.31	869.42	870.91	869.54
PGL RT.	STATION	62+56.85	62+59.12	62+62.98	62+89.12		64+33.16	64+59.30	64+63.16	64+65.43
	ELEVATION	865.52	866.98	865.64	867.57		870.43	869.53	871.03	869.66
CROWN	STATION	62+54.30	62+56.57	62+60.43	62+86.57		64+30.61	64+56.75	64+60.61	64+62.88
	ELEVATION	865.66	867.12	865.78	867.72		870.57	869.68	871.17	869.80
RT. TOE OF PARAPET	STATION	62+47.07	62+49.34	62+53.20	62+79.34		64+23.38	64+49.52	64+53.38	64+55.65
	ELEVATION	864.97	866.43	865.09	867.03		869.89	868.99	870.48	869.11

NOTES:

1. FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.
3. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
4. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.
5. ** SEE STANDARD DRAWING AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN 2301653
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 35 | TOTAL 37
SHEET P.1634 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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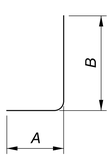
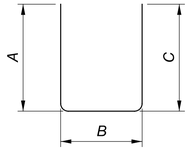
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
REAR ABUTMENT - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
FORWARD ABUTMENT - GALVANIZED STEEL REINFORCEMENT											



TYPE-1



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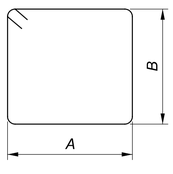

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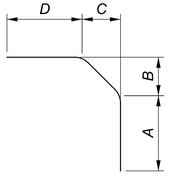

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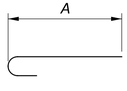

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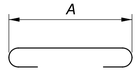

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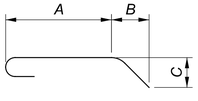

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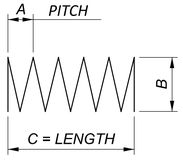

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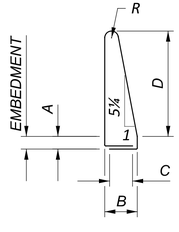

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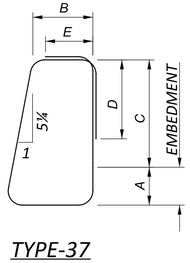

TYPE-37

NOTES:

1. FOR REINFORCING LIST NOTES , SEE SHEET 37/37.

REINFORCING LIST - 1
BRIDGE NO. FAI-00070-01190 R
IR 70 OVER S.R. 256

SFN	2301653
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	36
TOTAL	37
SHEET	P.1635
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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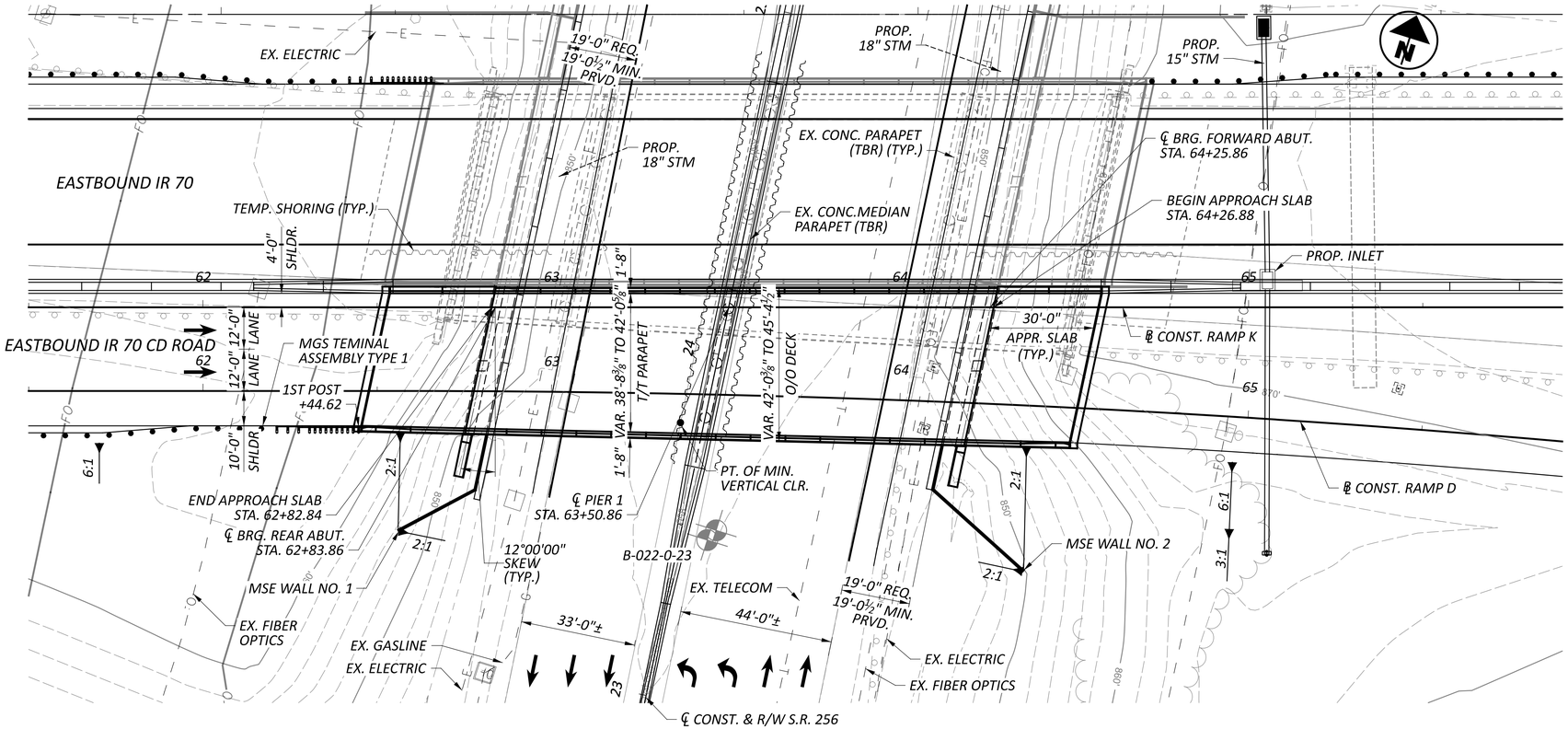
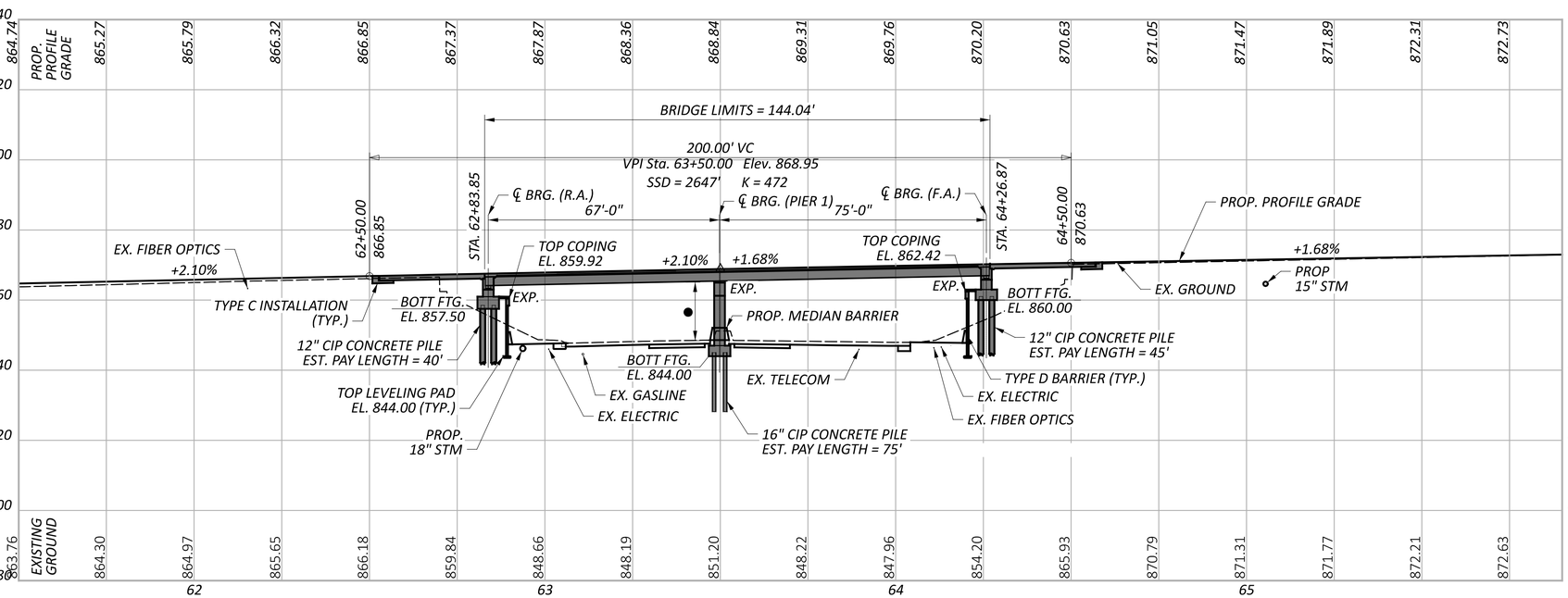
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PIER - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
SUPERSTRUCTURE - GALVANIZED STEEL REINFORCEMENT											



PLAN



PROFILE - ALONG ℄ CONST. RAMP K

BENCHMARK DATA

C.P. 208 STA.	35+84.10,	ELEV.	851.61,	OFFSET	113.98',	RT
C.P. 209 STA.	76+56.01,	ELEV.	890.18,	OFFSET	141.75',	LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 19,370 *2030 ADTT = 780*
2050 ADT = 26,770 *2050 ADTT = 1,070*
DIRECTIONAL DISTRIBUTION = 60%

LEGEND

- *- PROJECT BORING LOCATION*
- *- 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE*
  16'-1½" ACTUAL MINIMUM VERTICAL CLEARANCE

TBR - TO BE REMOVED

PROPOSED STRUCTURE

TYPE: COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS

SPANS: 67'-0", 75'-0" C/C BRG.
ROADWAY: VARIES 38'-8⅜" TO 42'-0⅝" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 12°00'00" L.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15, TYPE C)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,295 SF

COORDINATES: LATITUDE 39°56'00.14" N
LONGITUDE 82°47'22.36" W

SITE PLAN
BRIDGE NO. FAI-00070-01190 K
IR 70 EASTBOUND CD ROAD OVER S.R. 256

SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	1
TOTAL	38
SHEET	P.1637
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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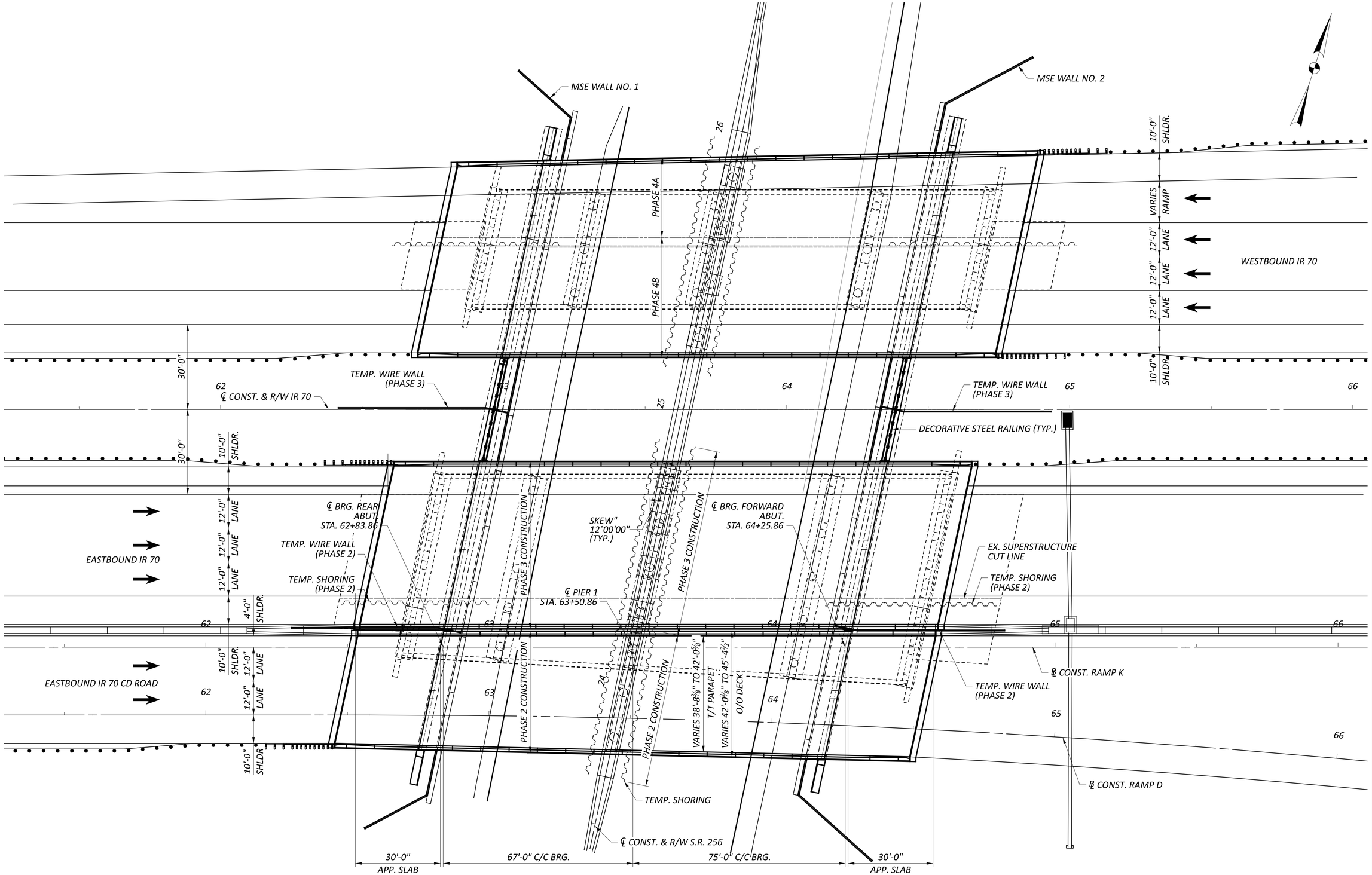

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 1 AND MSE WALL NO. 2 PLANS.

GENERAL PLAN
BRIDGE NO FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	38
SHEET	P.1638
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-1-20	REVISED	07-19-24
SICD-2-14	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202,STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

BRIDGE PAINTING LIMITATIONS:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE C&MS.

THE FINISH COAT COLOR SHALL BE AS FOLLOWS:.

INTERIOR BEAMS AND INTERIOR SURFACE OF FASCIA BEAMS - AMS-595-16440 (LIGHT GULL GRAY)

EXTERIOR OF FASCIA BEAMS INCLUDING BOTTOM FLANGE - AMS-595-17038 (BLACK)

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF (1) BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A (2) CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE (UBV). IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5-IN.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 286 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES.

REAR ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

PIER 1 PILES:
16" CIP REINFORCED CONCRETE PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEMS

FORWARD ABUTMENT PILES:
12" CIP REINFORCED CONCRETE PILES 50 FEET LONG, ORDER LENGTH

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 3/8 INCH FOR THE 12"CAST-IN PLACE REINFORCED CONCRETE PILES AND 3/8 INCH FOR THE 16" CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP:

THE ULTIMATE BEARING VALUE IS 429 KIPS PER PILE FOR THE PIER 1 PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE PIER 1 TO THE FULL ESTIMATED LENGTH OF 75 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FORTHE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.32 KIPS.

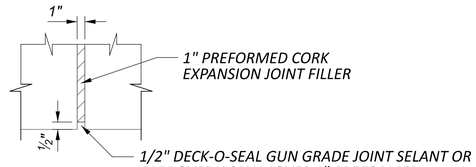
A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48 IN.

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS THAT ARE ABOVE GRADE WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

GENERAL NOTES - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 3 | TOTAL 38
SHEET P.1639 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THIS ITEM WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN ` 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

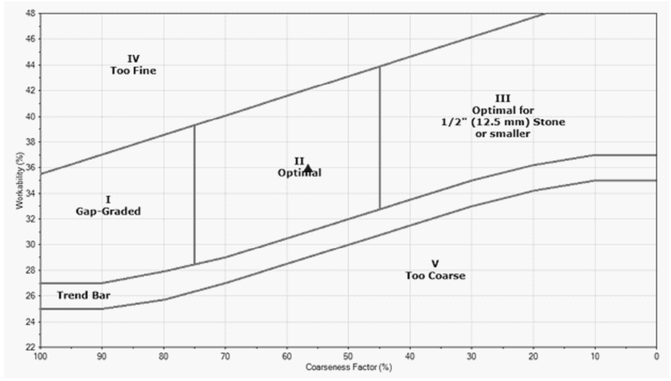


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

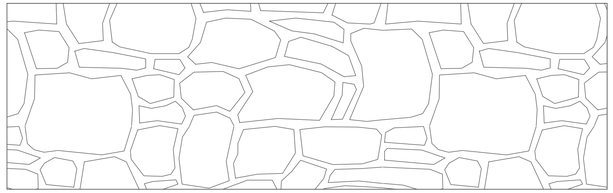
THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED, SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

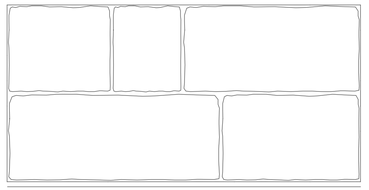
COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

GENERAL NOTES - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 38
SHEET P.1640 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	*= ABUTMENT*
A.T.G.	*= ADJUST TO GRADE*
BRG.	*= BEARING*
CB	*= CATCH BASIN*
C/C	*= CENTER -TO-CENTER*
C.J.	*= CONSTRUCTION JOINT*
CLR.	*= CLEARANCE*
CONST.	*= CONSTRUCTION*
DIA.	*= DIAMETER*
DWG.	*= DRAWING*
EA.	*= EACH*
E.F.	*= EACH FACE*
EL.	*= ELEVATION*
EST.	*= ESTIMATED*
EX.	*= EXISTING*
F.A.	*= FORWARD ABUTMENT*
F.D.S.	*= FINAL DECK SURFACE*
F.F.	*= FAR FACE*
INV.	*= INVERT*
LT.	*= LEFT*
MH	*= MANHOLE*
N.P.C.P.P.	*= NON-PERFORATED CORRUGATED PLASTIC PIPE*
N.F.	*= NEAR FACE*
O/O	*= OUT-TO-OUT*
P.C.P.P.	*= PERFORATED CORRUGATED PLASTIC PIPE*
PEJF	*= PREFORMED EXPANSION JOINT FILLER*
PROP.	*= PROPOSED*
R.A.	*= REAR ABUTMENT*
REQD.	*= REQUIRED*
RT.	*= RIGHT*
SER.	*= SERIES*
SHLD.	*= SHOULDER*
SPA.	*= SPACES*
STA.	*= STATION*
STD.	*= STANDARD*
STM	*= STORM SEWER LINE*
T&B	*= TOP AND BOTTOM*
T/S	*= TOP OF SLOPE*
T/T	*= TOE-TO-TOE*
TYP.	*= TYPICAL*
UN	*= UNLESS NOTED*

GENERAL NOTES - 3
BRIDGE NO. FAI-00070.01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
5	38

SHEET	TOTAL
P.1641	P.2024

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: SJF DATE: 4/18/25
CHECKED BY: ABD DATE: 4/21/25

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUTS.	PIERS	SUPER STR.	GENERAL	SEE SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LS	2/34
202	22900	148	SY	APPROACH SLAB REMOVED				148	
202	23500	148	SY	WEARING COURSE REMOVED				148	
503	11101		LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN				LS	
503	21300		LS	UNCLASSIFIED EXCAVATION				LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00500	1280	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	1280				
507	00550	1430	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	1430				
507	00700	1275	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		1275			
507	00750	1350	FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		1350			
509	26000	112875	LB	GALVANIZED STEEL REINFORCEMENT	16975	10700	85200		
509	30020	4500	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			4500		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	218	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			218		
511	34451	66	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			66		3/34
511	41012	32	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		32			
511	44112	31	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	31				3/34
511	46512	95	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	77	18			
512	10050	595	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	43	95	457		
512	33000	7	SY	TYPE 2 WATERPROOFING	7				
513	10260	186896	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			186896		
513	20000	4914	EACH	WELDED STUD SHEAR CONNECTORS			4914		
514	00060	9827	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			9827		
514	00066	9827	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			9827		
514	10000	5	EACH	FINAL INSPECTION REPAIR			5		
516	10010	90	FT	ARMORLESS PREFORMED JOINT SEAL				90	
516	13601	67	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	50		17		2/34
516	13901	49	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	49				2/34
516	14020	105	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	105				
516	44100	6	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)		6			
516	44101	12	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	12				21/34
518	21200	35	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	35				
518	40000	87	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	87				
518	40010	10	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	10				
523	20000	1	EACH	DYNAMIC LOAD TESTING	1				
523	20001	1	EACH	DYNAMIC LOAD TESTING, AS PER PLAN		1			2/34
523	20501	1	EACH	RESTRIKE, AS PER PLAN		1			2/34
526	30010	292	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				292	
526	90030	90	FT	TYPE C INSTALLATION				90	
530	13000	150	SF	SPECIAL - FORM LINER	150				

STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 6 | TOTAL 38
SHEET P.1642 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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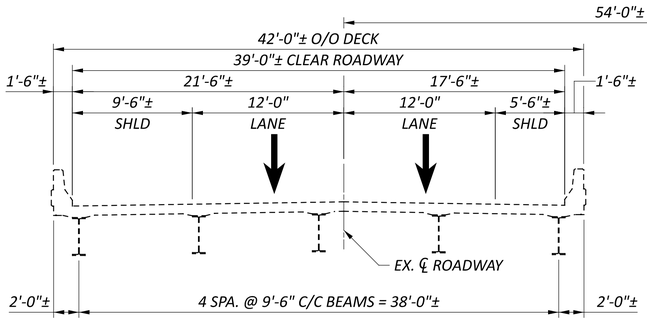
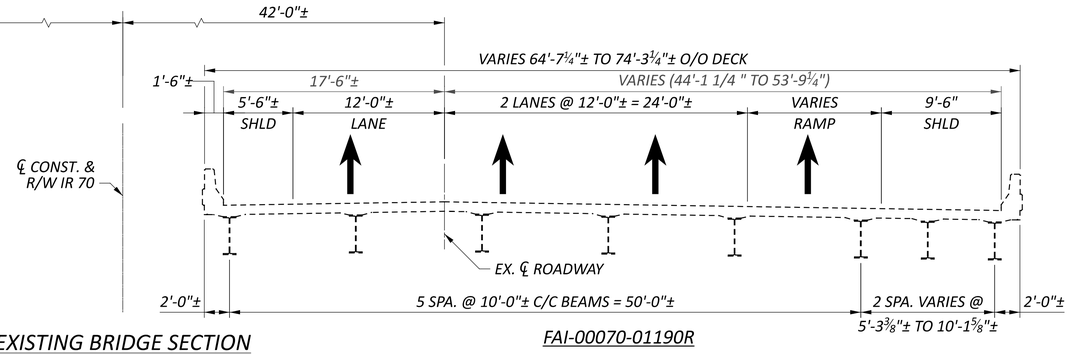
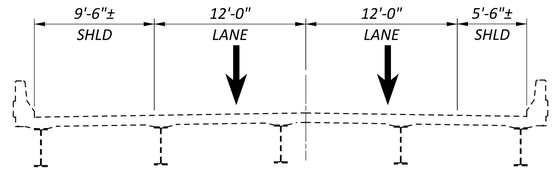


FAI-00070-01190L



EXISTING BRIDGE SECTION

FAI-00070-01190R



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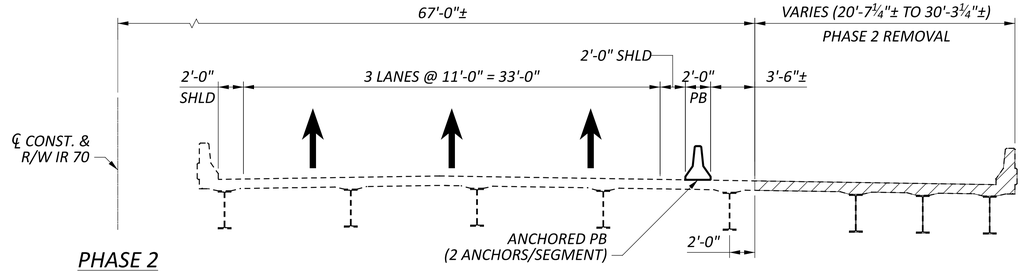
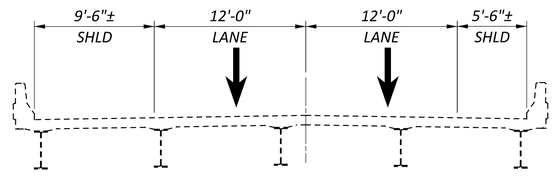


PHASE 2
REMOVAL

FAI-00070-01190R



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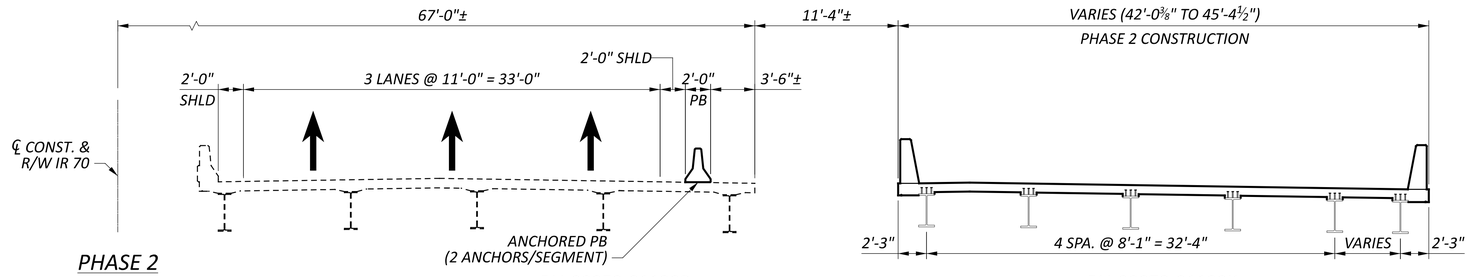
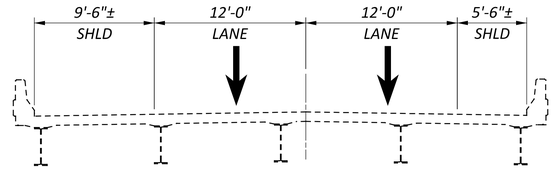


PHASE 2
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



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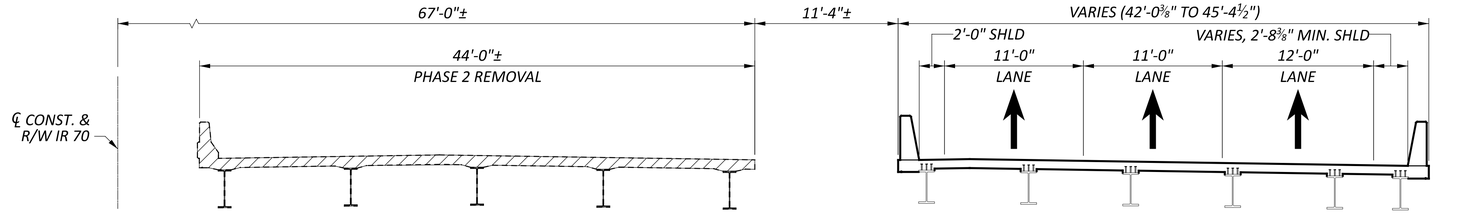

PHASE 3
REMOVAL

FAI-00070-01190R

FAI-00070-01190K

CONSTRUCTION SEQUENCE

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 2 REMOVALS.
3. REMOVE PHASE 2 PORTIONS OF EX. EB STRUCTURE.
4. CONSTRUCT CD ROAD STRUCTURE INCLUDING PORTIONS OF MSE WALL AND TEMP WIRE FACE WALL.

PHASE 3:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF EX. EB STRUCTURE.
3. CONSTRUCT EB STRUCTURE INCLUDING PORTIONS OF MSE WALL, AND TEMP. WIRE FACE WALLS.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	7
TOTAL	38
SHEET	P.1643
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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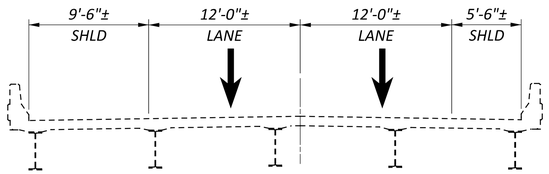

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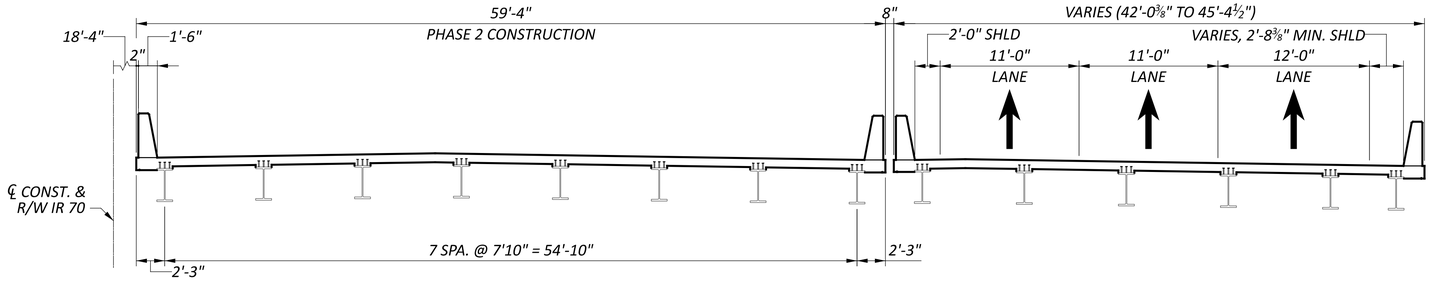
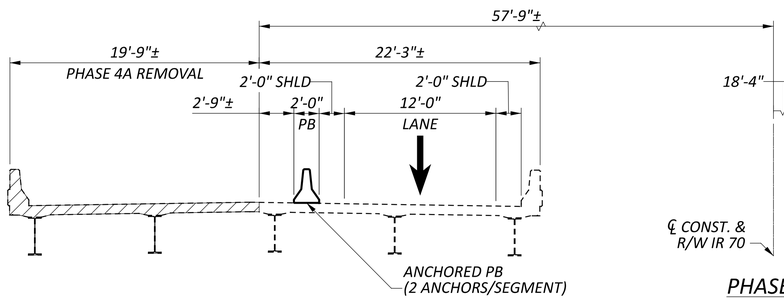


PHASE 3
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K



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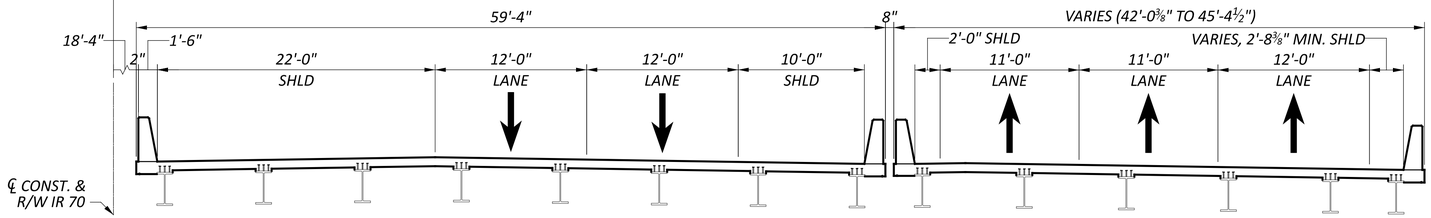
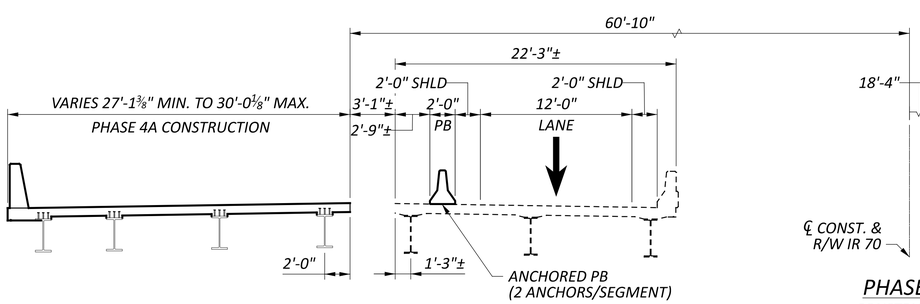


PHASE 4A
REMOVAL

FAI-00070-01190R

FAI-00070-01190K



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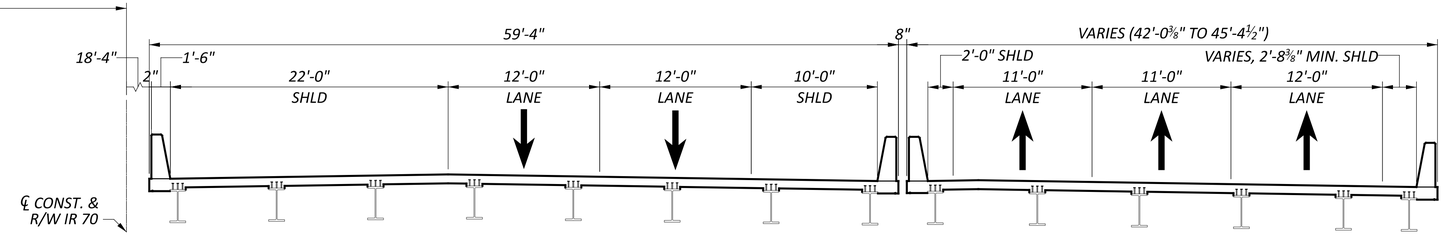

PHASE 4A
CONSTRUCTION

FAI-00070-01190R

FAI-00070-01190K

CONSTRUCTION SEQUENCE

PHASE 4A:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS AND PER STD DWG PCB-91 OR RM-4.2.
2. INSTALL TEMPORARY SHORING AT THE EXISTING ABUTMENTS AS NECESSARY TO FACILITATE PHASE 4A REMOVALS.
3. REMOVE PHASE 4A PORTIONS OF EX. WB STRUCTURE.
4. CONSTRUCT PORTIONS OF WB STRUCTURE INCLUDING PMSE WALL AND TEMP. WIRE FACE WALL.

LEGEND

LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.

PHASE CONSTRUCTION DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	8
TOTAL	38
SHEET	P.1644
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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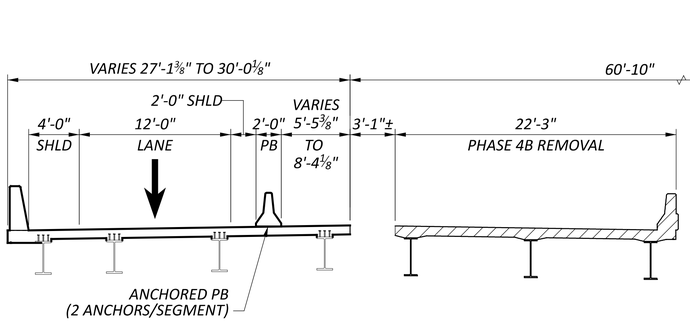

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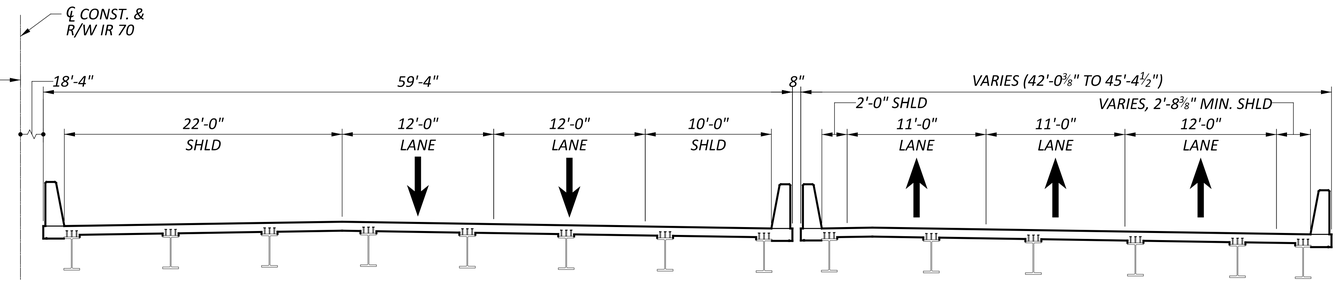
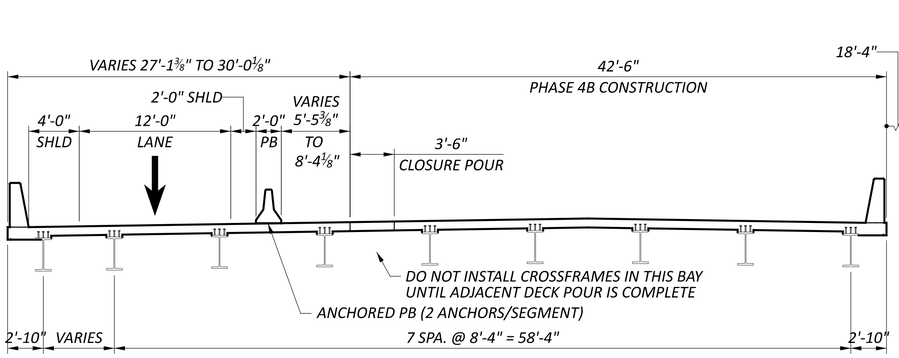


FAI-00070-01190R

FAI-00070-01190K

PHASE 4B
REMOVAL



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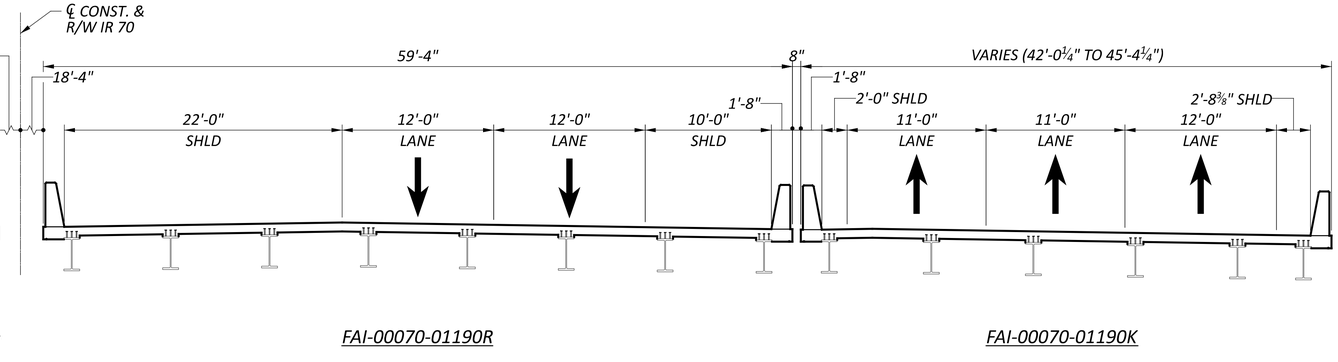

FAI-00070-01190R

FAI-00070-01190K

PHASE 4B
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4B:

1. INSTALL PORTABLE BARRIER AS SHOWN IN THE MOT PLANS.
2. REMOVE REMAINING PORTIONS OF THE EX. WB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF WB STRUCTURE AND MSE WALL OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. INSTALL CROSSFRAMES IN BAY 4 AND PLACE CLOSURE POUR.

LEGEND

▨ LIMITS OF REMOVAL PER ITEM 202

NOTES:

1. SEE MOT PLANS FOR ADDITIONAL INFORMATION AND FOR PB QUANTITIES.
2. PORTABLE BARRIER ANCHOR HOLES IN NEW CONCRETE DECK TO BE FILLED WITH NONSHRINK, NONMETALLIC GROUT PER ITEM 510 AND SEAL WITH HMWM. PAYMENT TO BE INCLUDED WITH ITEM 614, MAINTANING TRAFFIC.

PHASE CONSTRUCTION DETAILS - 3
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
9	38

SHEET	TOTAL
P.1645	P.2024

FAI/LIC-70.0.00/0.00

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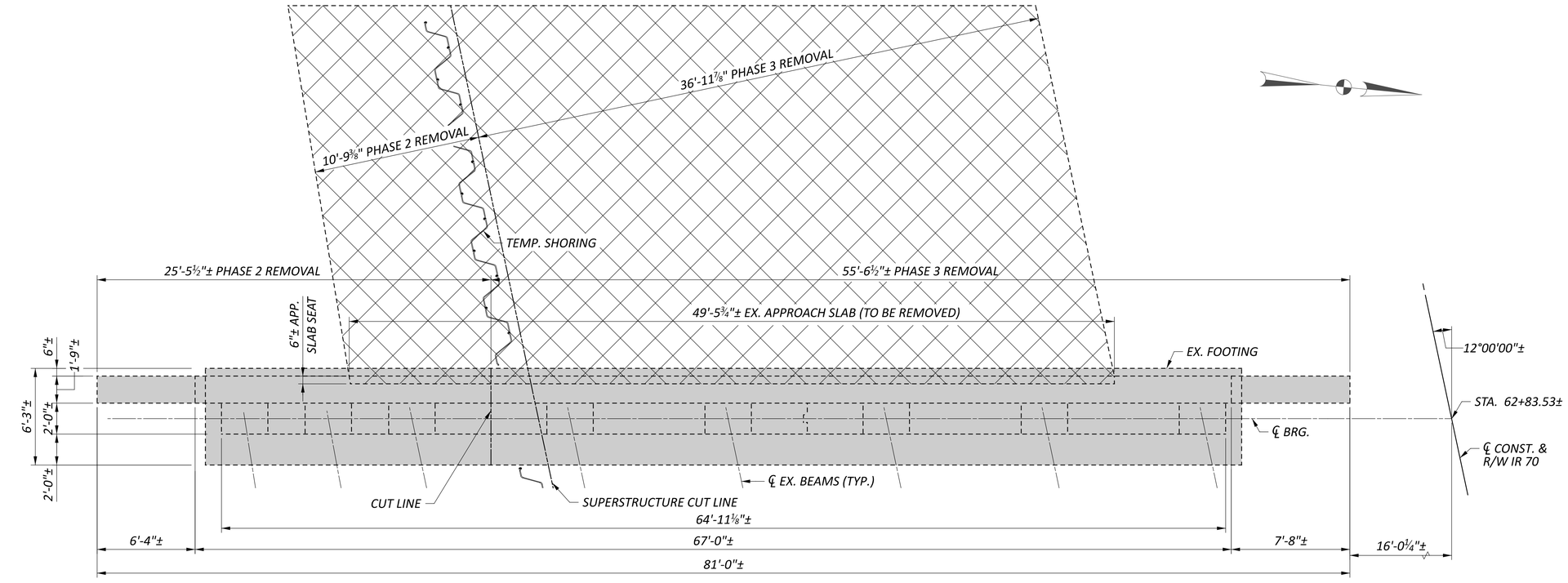
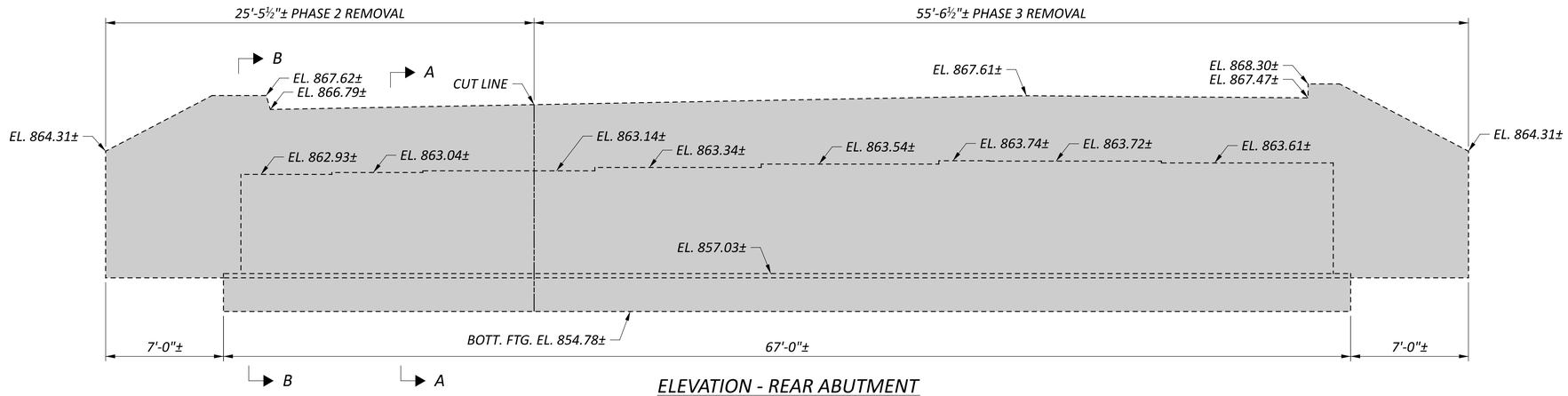


PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/38.

REMOVAL DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	10
TOTAL	38
SHEET	P.1646
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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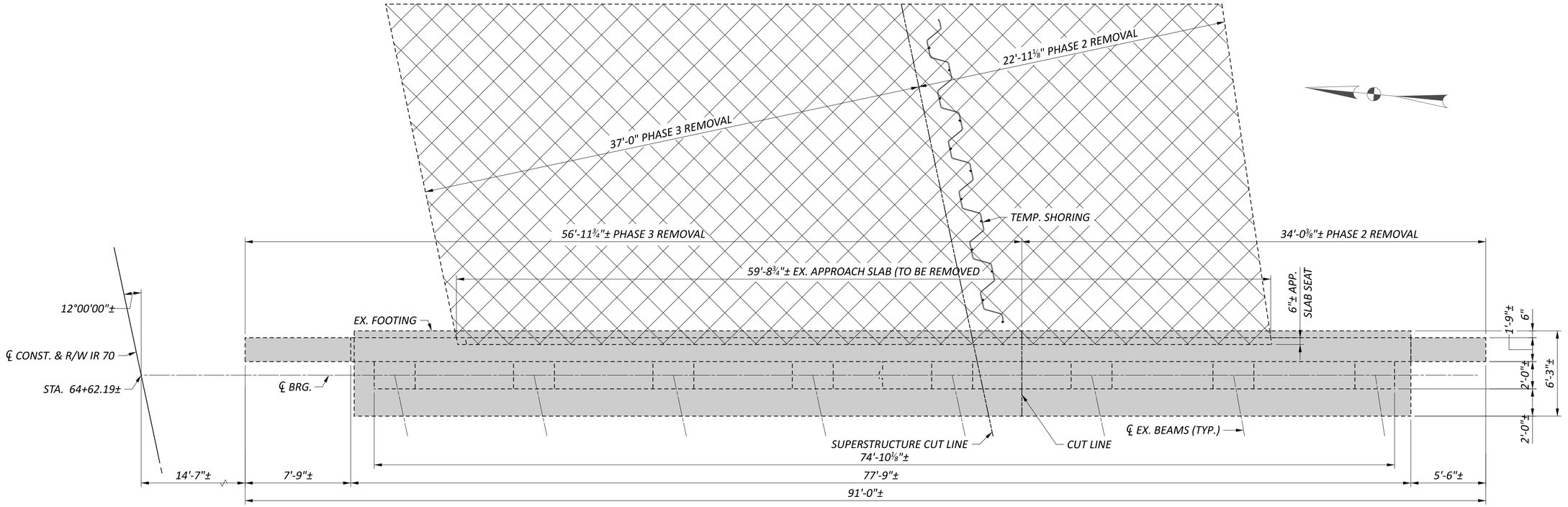
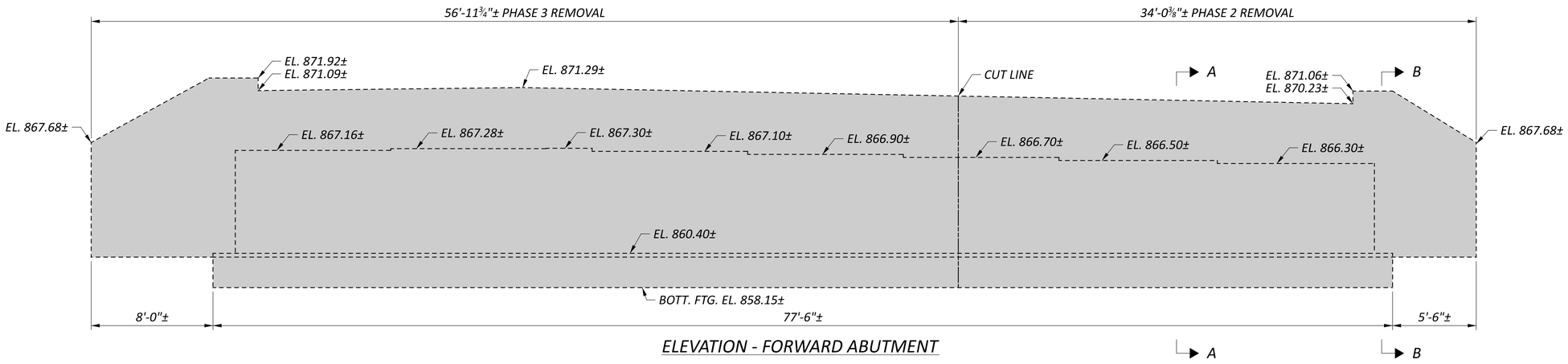


PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLANS.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 12/38.

REMOVAL DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	11
TOTAL	38
SHEET	P.1647
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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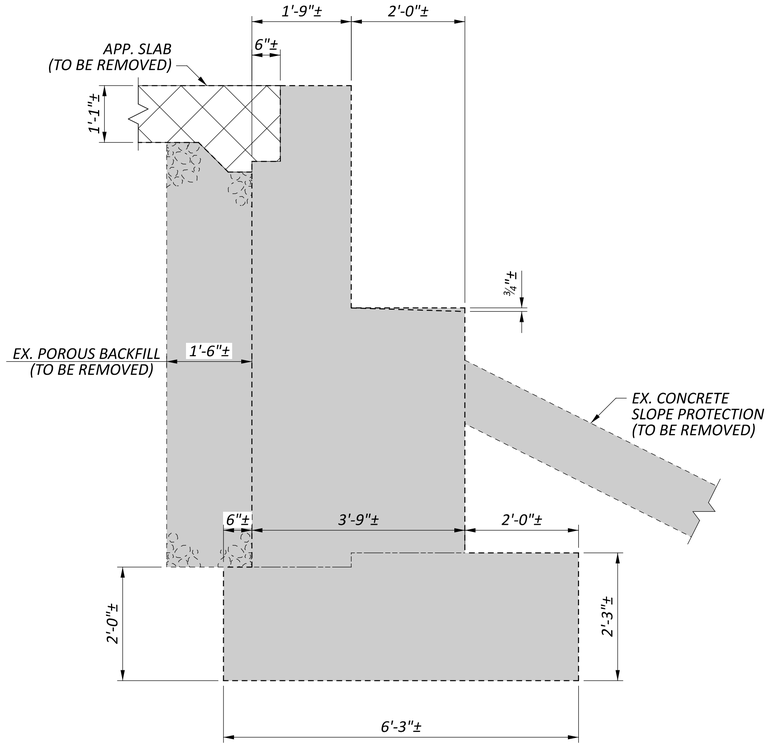
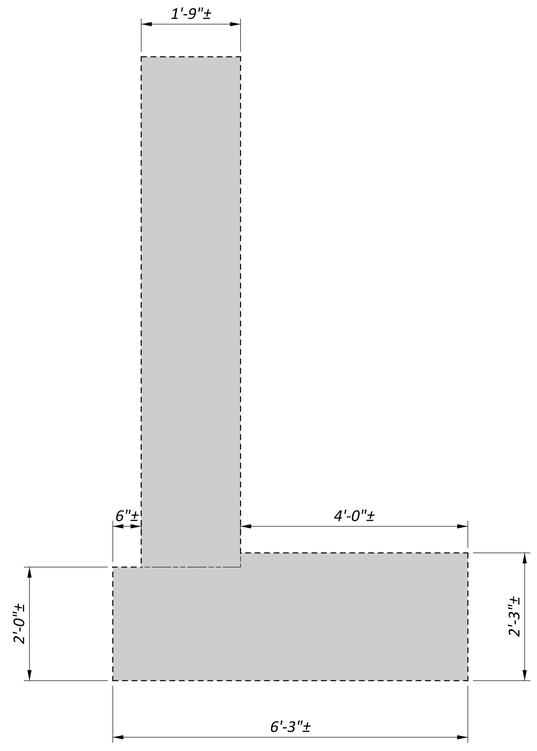


SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3

BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
12	38

SHEET	TOTAL
P.1648	P.2024

FAI/LIC-70.0.00/0.00

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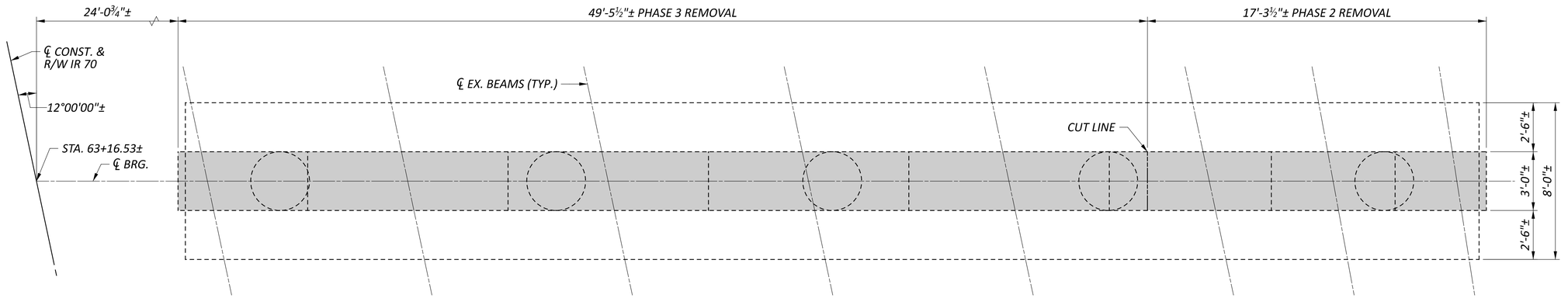
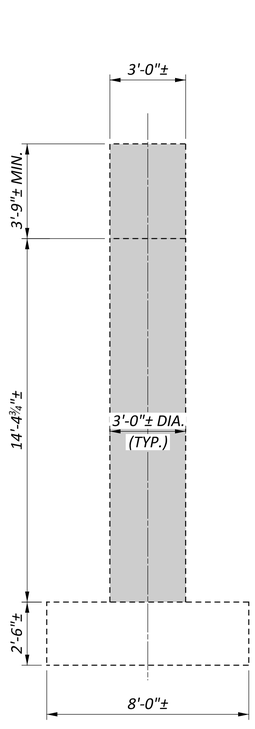
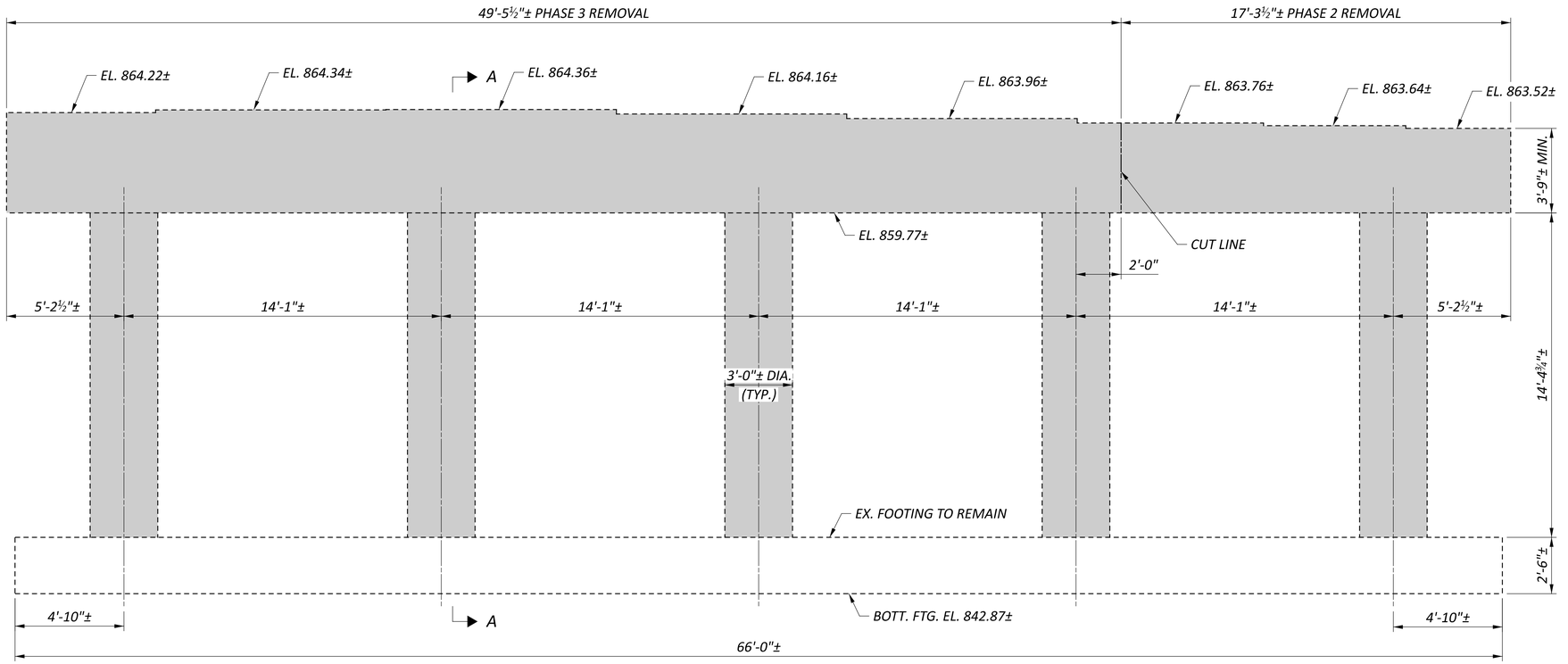


PLAN - PIER 1



SECTION A-A



ELEVATION - PIER 1

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 4
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	13
TOTAL	38
SHEET	P.1649
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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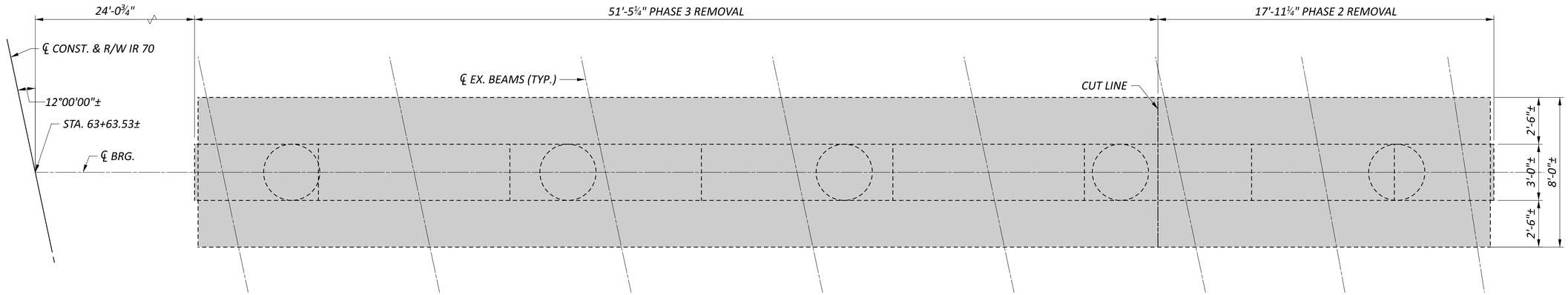
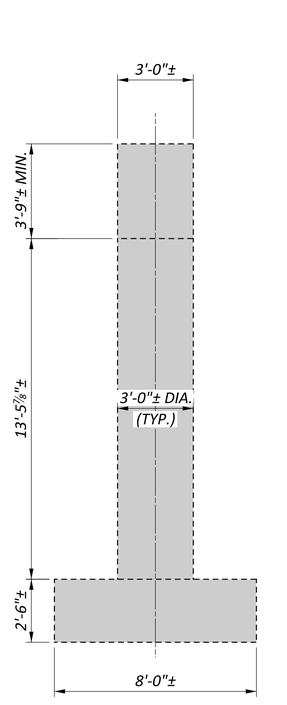
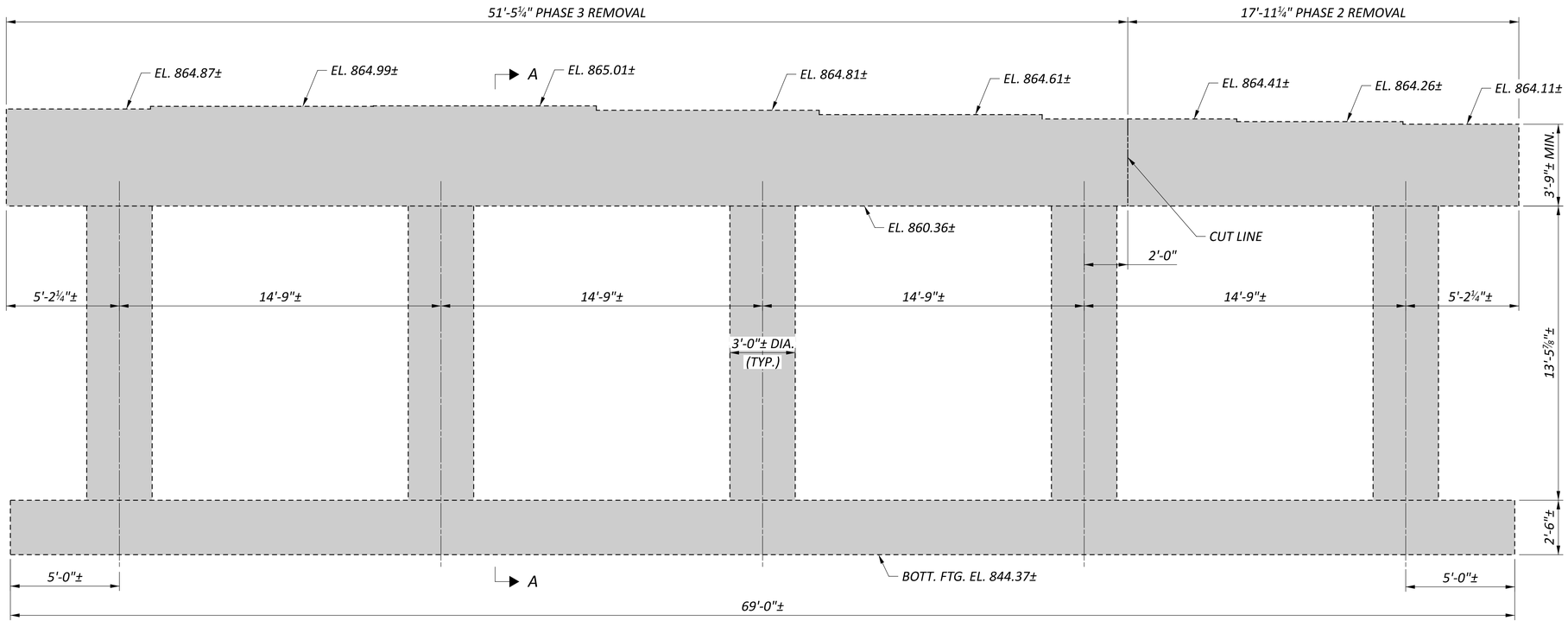


PLAN - PIER 2



SECTION A-A



ELEVATION - PIER 2

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN.

REMOVAL DETAILS - 5
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	14
TOTAL	38
SHEET	P.1650
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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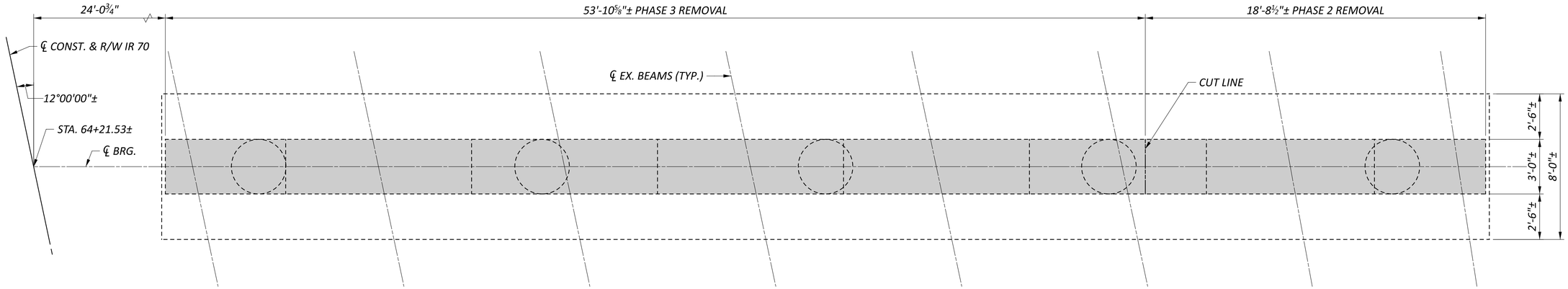
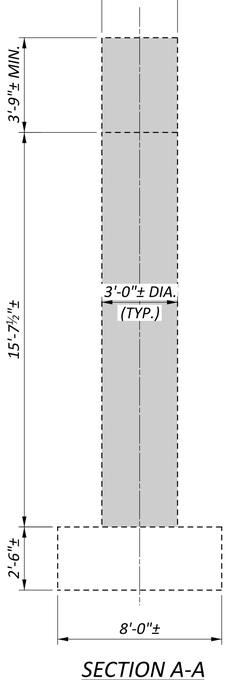
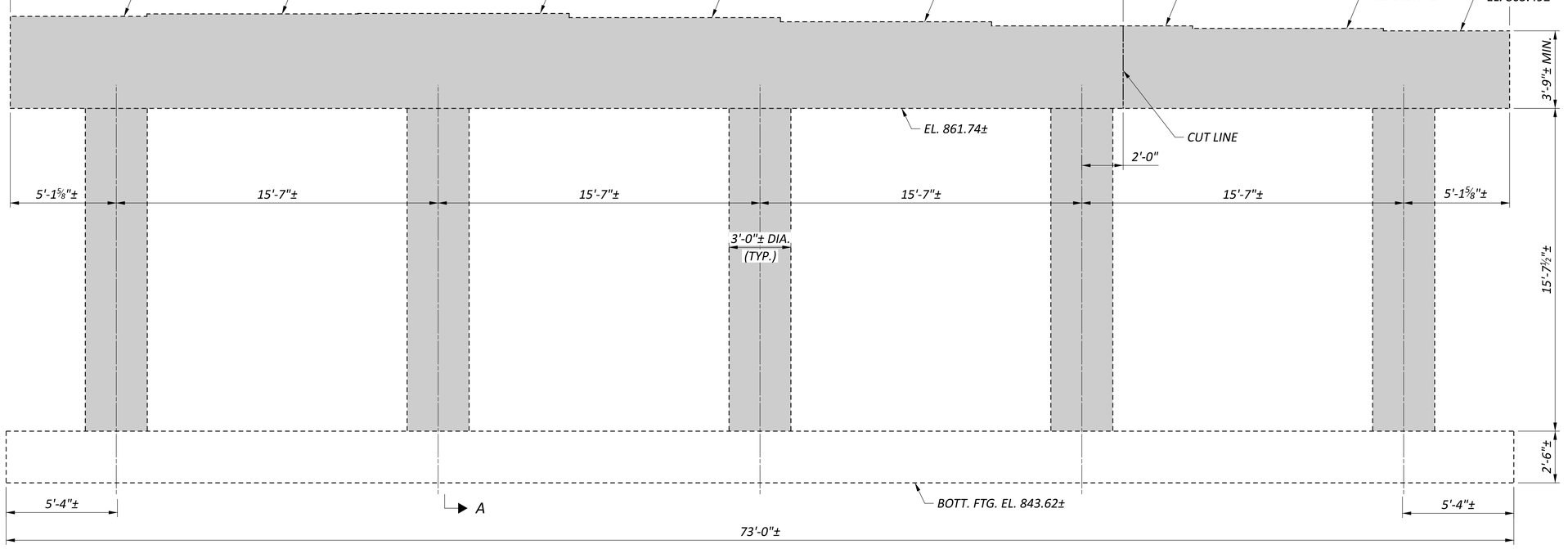


PLAN - PIER 3



SECTION A-A



ELEVATION - PIER 3

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 6
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	15
TOTAL	38
SHEET	P.1651
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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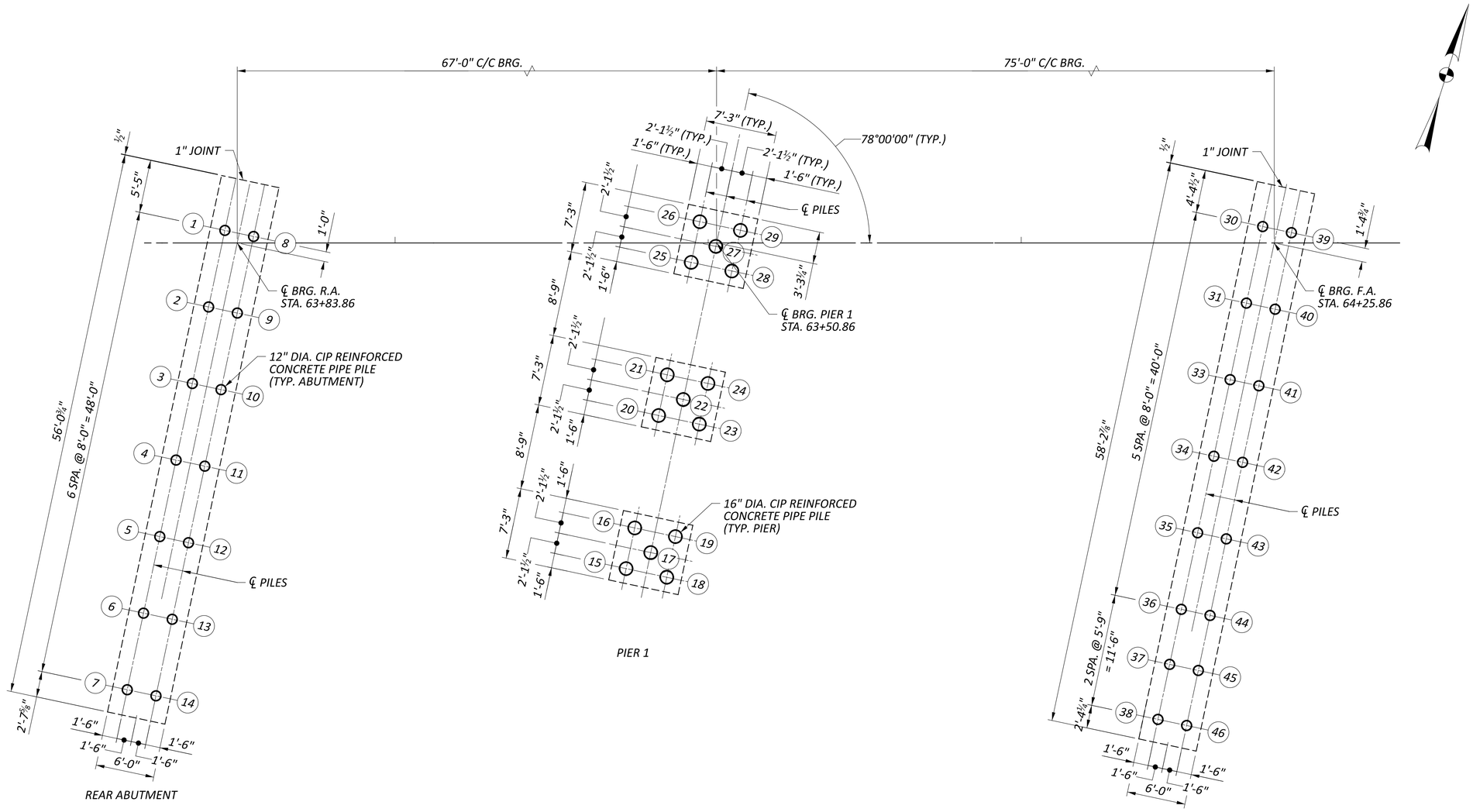

REAR ABUTMENT

PIER 1

FORWARD ABUTMENT

FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

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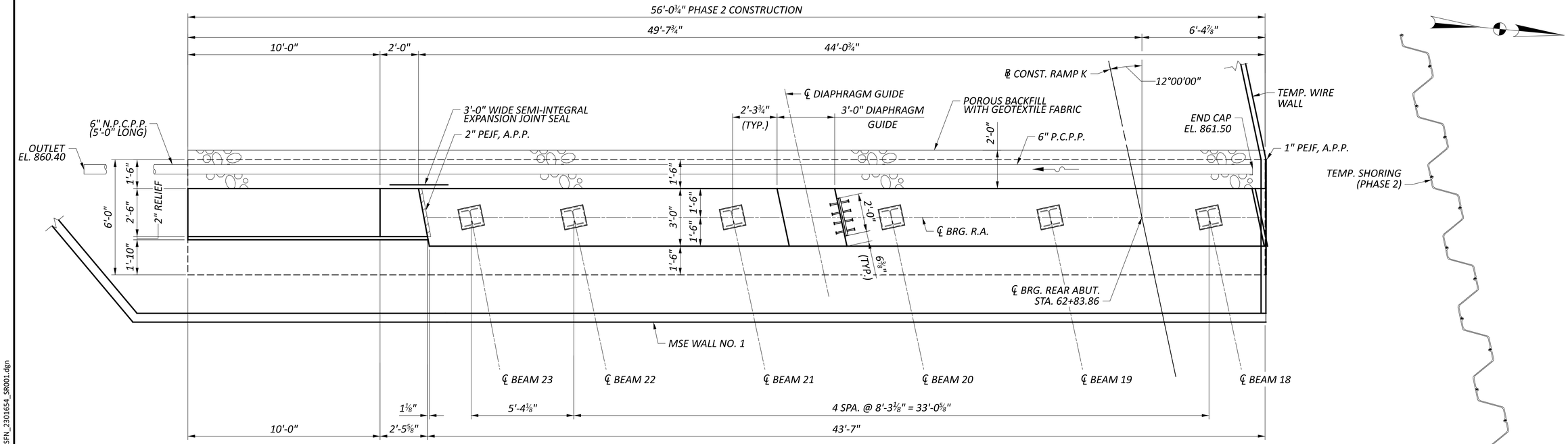
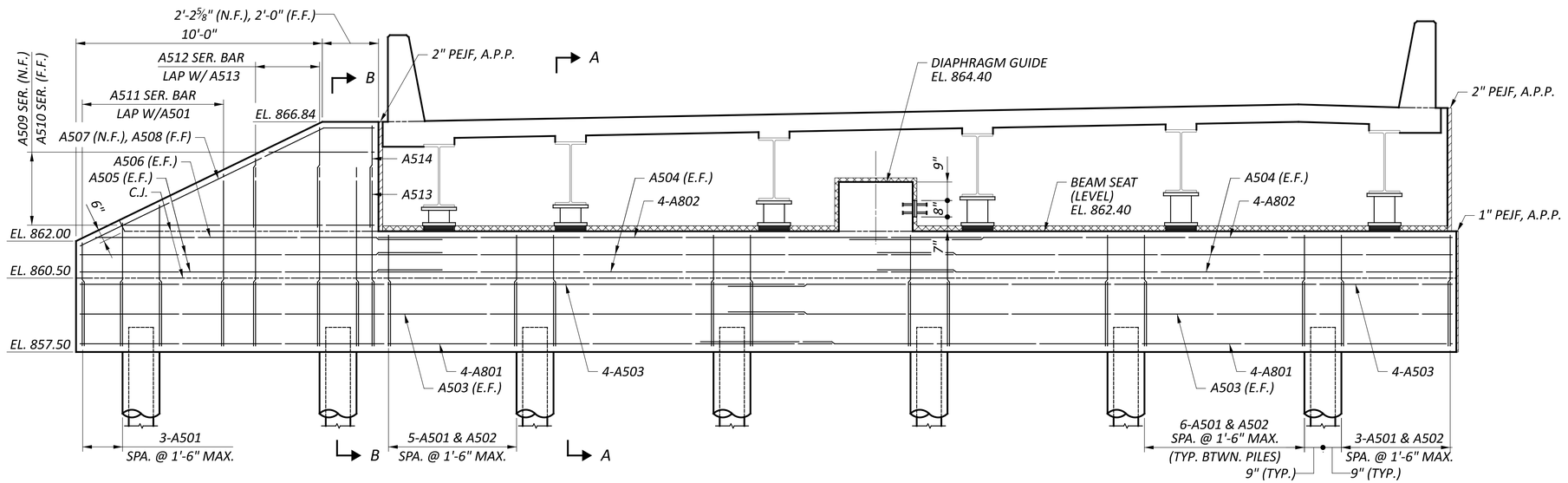
FOUNDATION PLAN
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	16
TOTAL	38
SHEET	P.1652
TOTAL	P.2024



PLAN - REAR ABUTMENT
PHASE 2



ELEVATION - REAR ABUTMENT
PHASE 2

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 16/38.
2. FOR SECTION A-A & B-B, SEE SHEET 19/38.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

REAR ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY: MICHAEL BAKER INTERNATIONAL STRUCTUREPOINT LLC
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 17 | TOTAL 38
SHEET P.1653 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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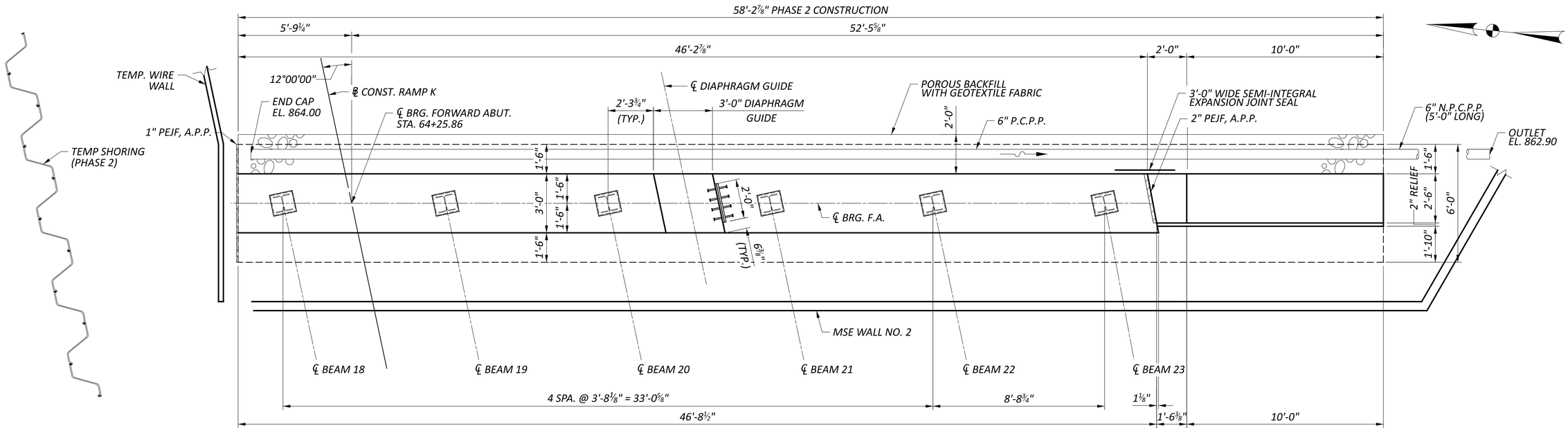
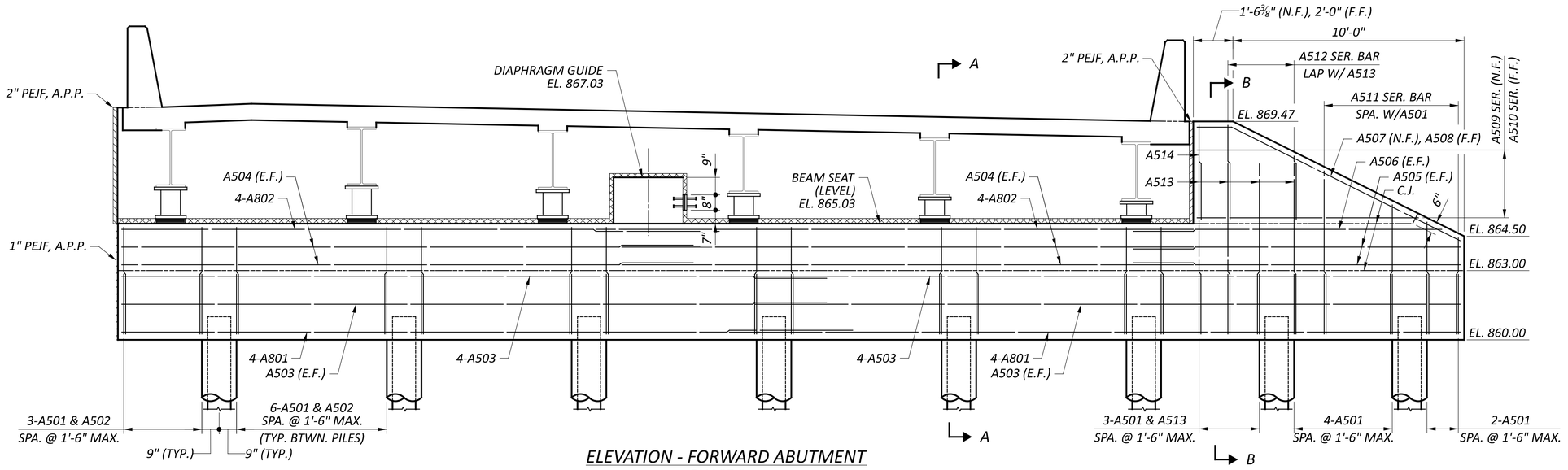


PLAN - FORWARD ABUTMENT
PHASE 2



ELEVATION - FORWARD ABUTMENT
PHASE 2

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 16/38.
2. FOR SECTION A-A & B-B, SEE SHEET 19/38.
3. FOR ADDITIONAL ABUTMENT DIAPHRAGM GUIDE DETAILS, SEE STD. DWG SICD-2-14.

FAI/LIC-70.0.00/0.00

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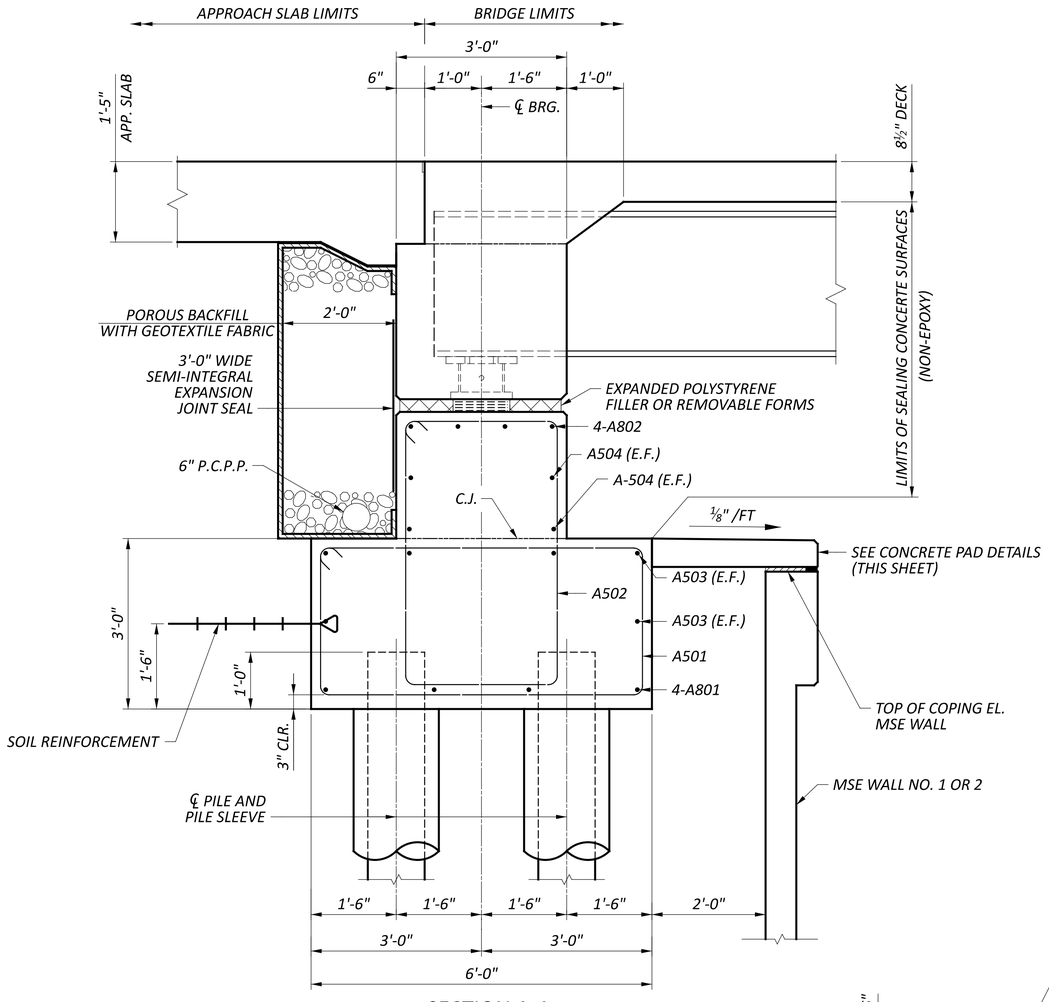
FORWARD ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R 256

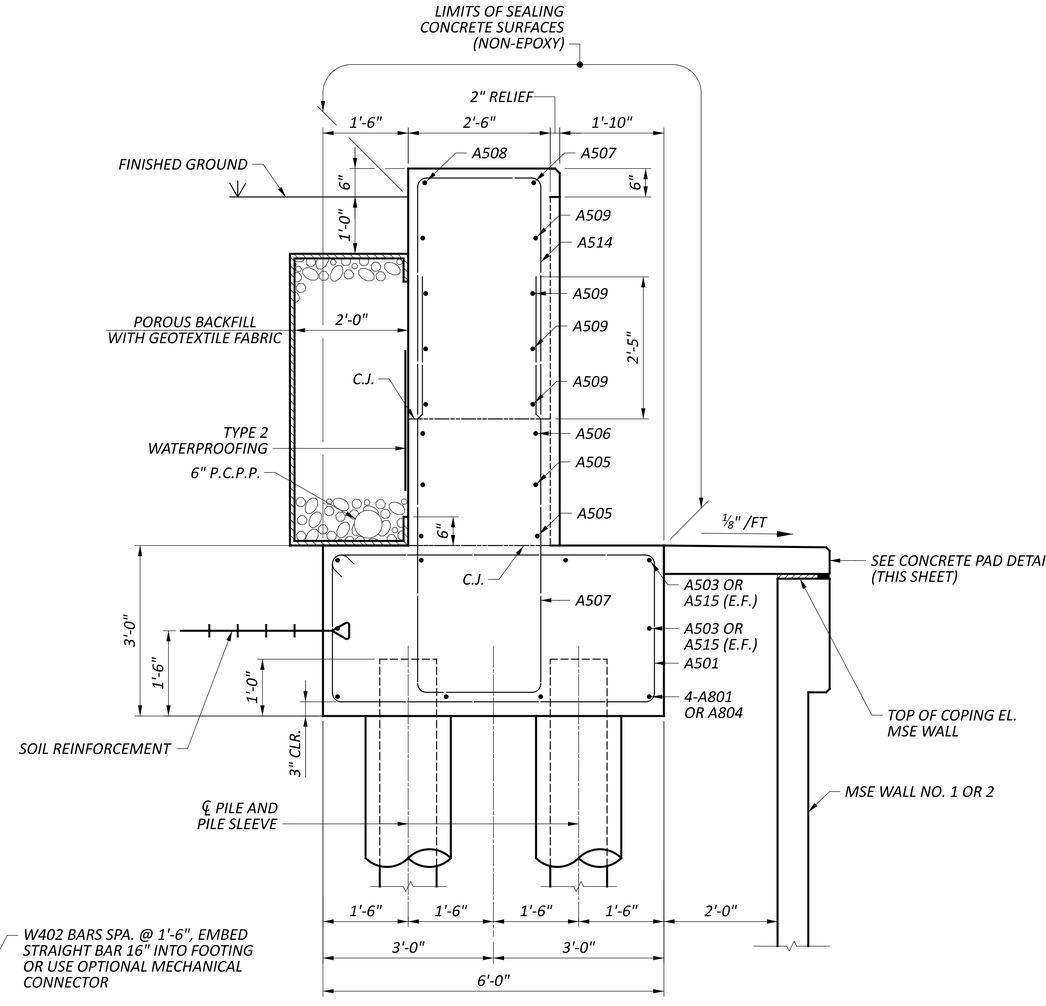
SFN 2301654
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

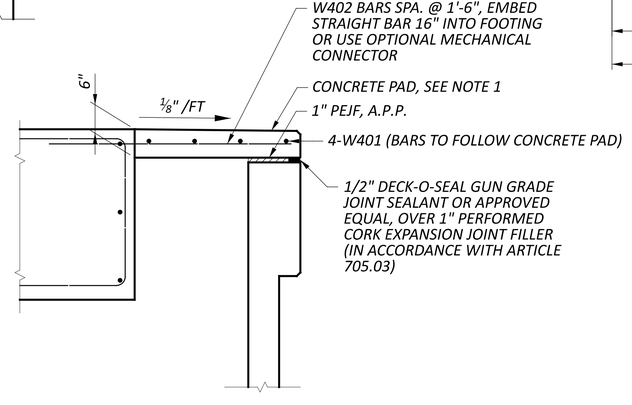
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 18 TOTAL 38
SHEET P.1654 TOTAL P.2024



SECTION A-A



SECTION B-B



CONCRETE PAD DETAIL

NOTES

1. FOR ADDITIONAL CONCRETE PAD INFORMATION, SEE MSE WALL DETAILS.

ABUTMENT DETAILS
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
19	38

SHEET	TOTAL
P.1655	P.2024

FAI/LIC-70.0.00/0.00

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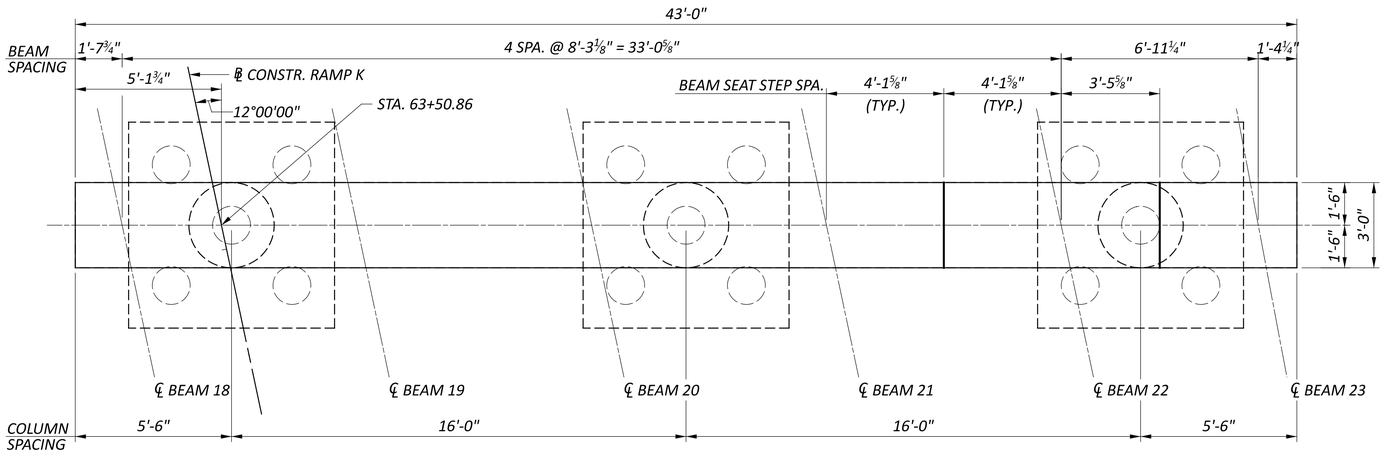
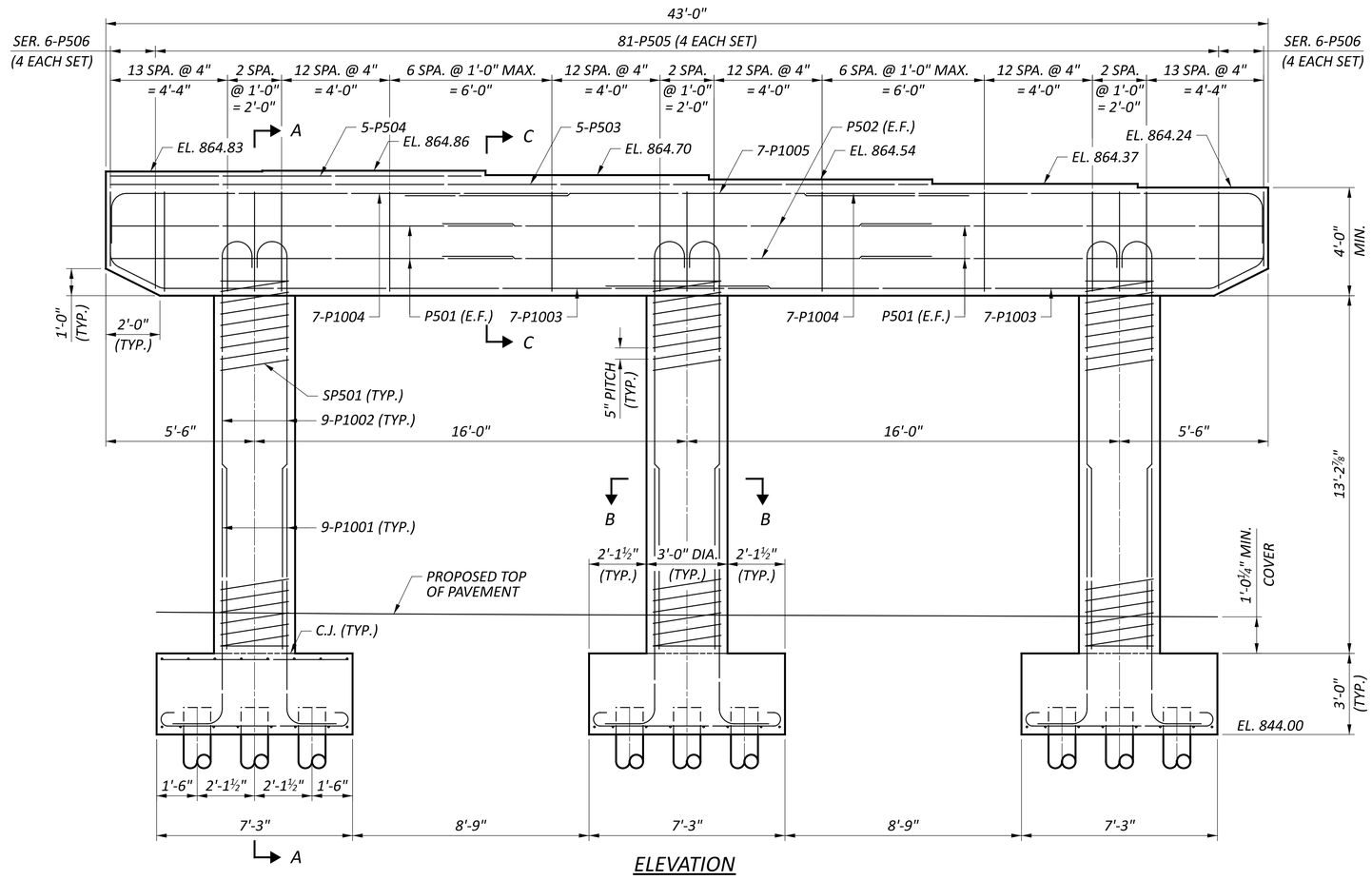


PLAN



ELEVATION

MINIMUM BAR LAP	
#5	2'-7"
#10	6'-10"

NOTES:

1. FOR SECTION A-A, B-B AND C-C, SEE SHEET 21/38.

PIER DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	20
TOTAL	38
SHEET	P.1656
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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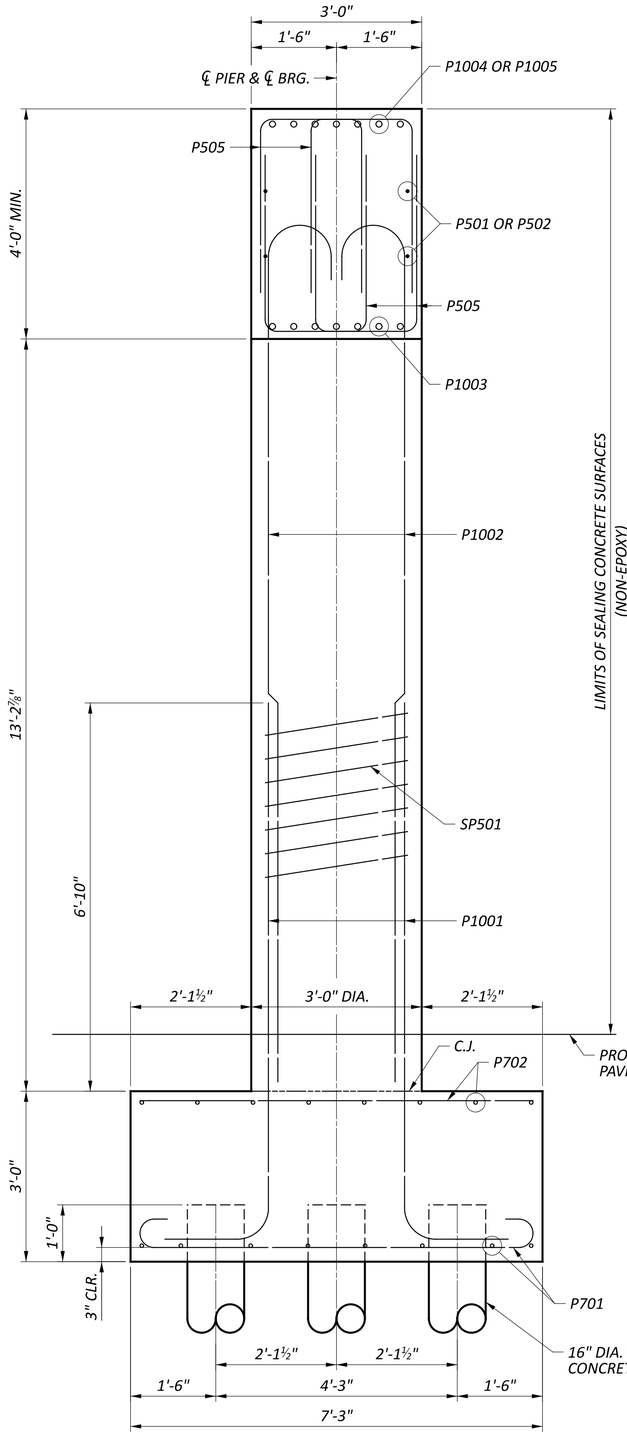
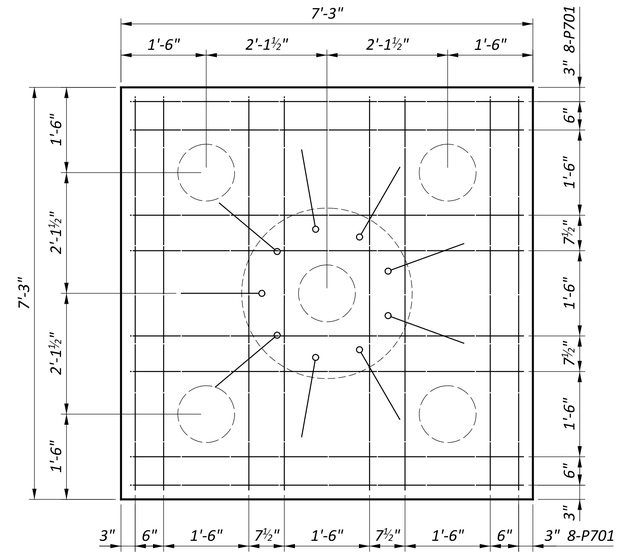
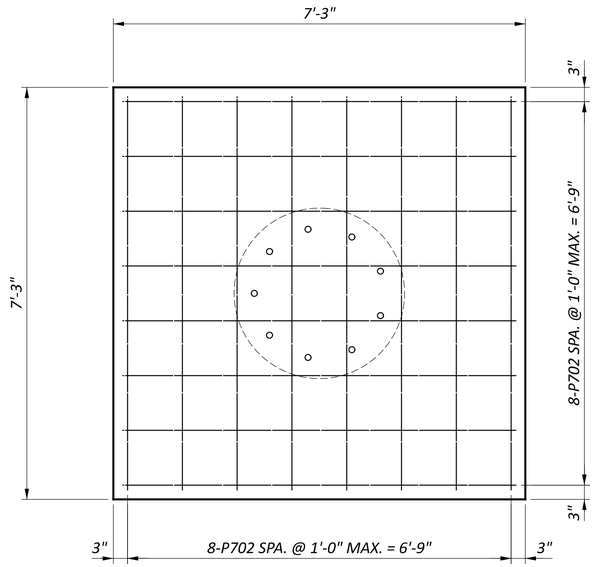


SECTION A-A



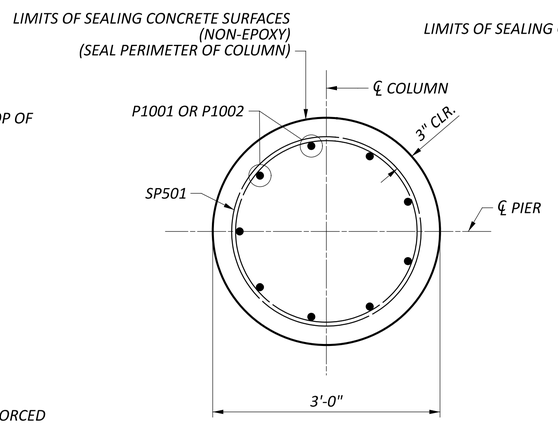
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

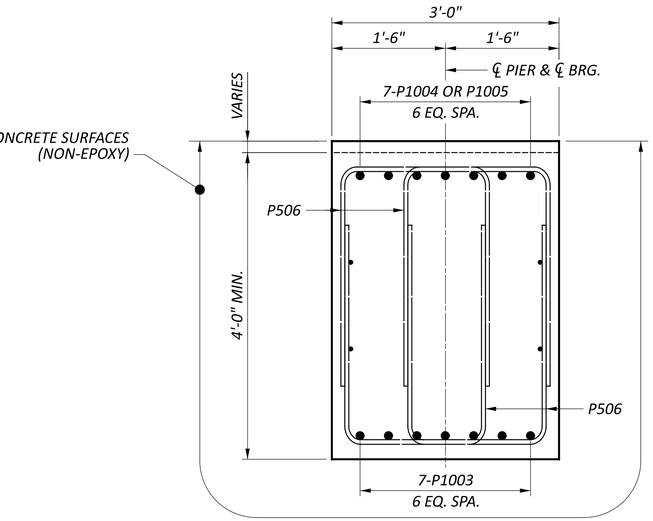


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

FAI/LIC-70.0.00/0.00

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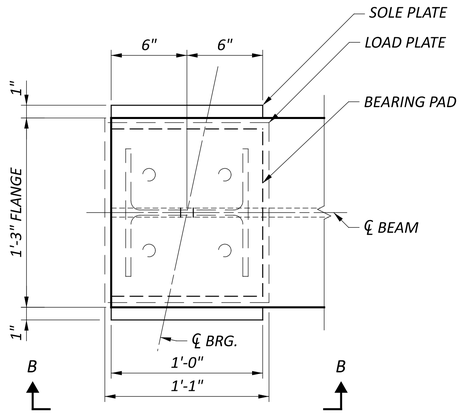
PIER DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

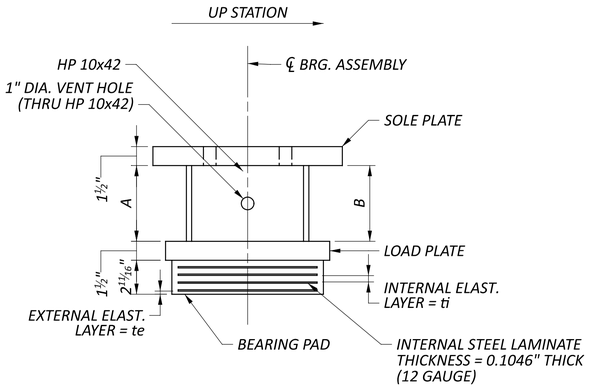
SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	SJF
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	21
TOTAL	38
SHEET	P.1657
TOTAL	P.2024

BEARING SCHEDULE

BEAM NO.	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L x W x T	STEEL SLOE PLATE L x W x T
18-23	REAR ABUT.	EXPANSION	6	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"
18-23	FWD. ABUT.	EXPANSION	6	1'-0"x1'-3"x2 11/16"	4	0.5"	4	0.25"	1	1'-1"x1'-4"x1 1/2"	1'-0"x1'-5"x1 1/2"

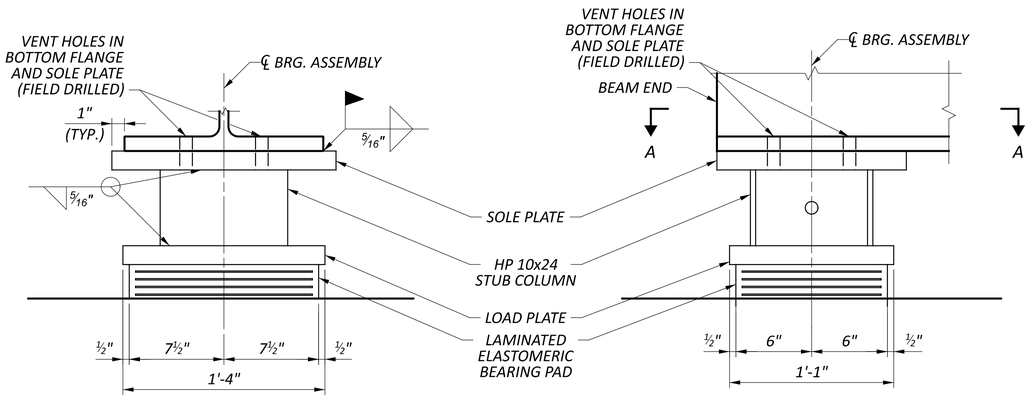


SECTION A-A



SECTION B-B

FAI-00070-01190 CD HP HEIGHT (INCH)				
	REAR ABUT		FWD. ABUT	
	A	B	A	B
BEAM 18	1' - 0 3/4"	1' - 0 15/16"	1' - 1 1/4"	1' - 1 7/16"
BEAM 19	1' - 1 1/8"	1' - 1 5/16"	1' - 1 11/16"	1' - 1 13/16"
BEAM 20	11 1/8"	11 5/16"	11 3/4"	11 15/16"
BEAM 21	9 1/8"	9 3/8"	9 13/16"	10"
BEAM 22	7 3/16"	7 3/8"	7 15/16"	8 1/8"
BEAM 23	5 15/16"	6 1/16"	5 15/16"	6 1/16"



EXPANSION BEARINGS AT ABUTMENTS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	54.4	63.1
LIVE LOAD	61.7	63.7
TOTAL LOAD	116.1	126.8

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 22 | TOTAL 38
SHEET P.1658 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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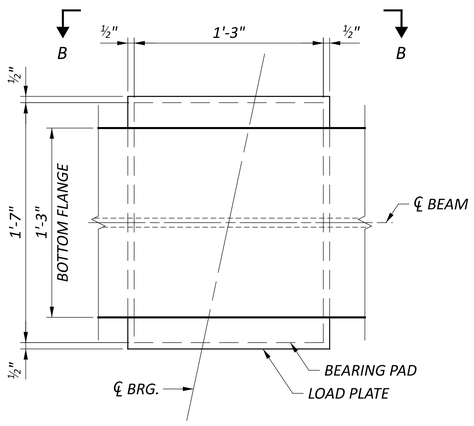
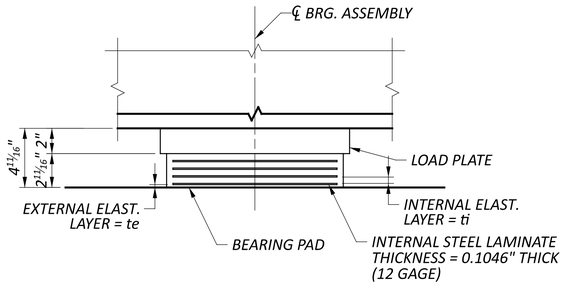
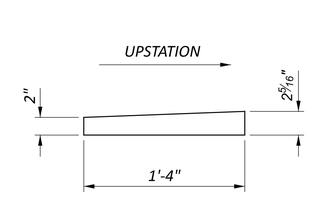
BEAM NO.	BEARING SCHEDULE									STEEL LOAD PLATE L x W x T
	LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	
18-23	PIER 1	EXPANSION	6	1'-3"x1'-7"x2 11/16"	4	0.5"	4	0.25"	1	1'-4"x1'-8"x2"



SECTION A-A

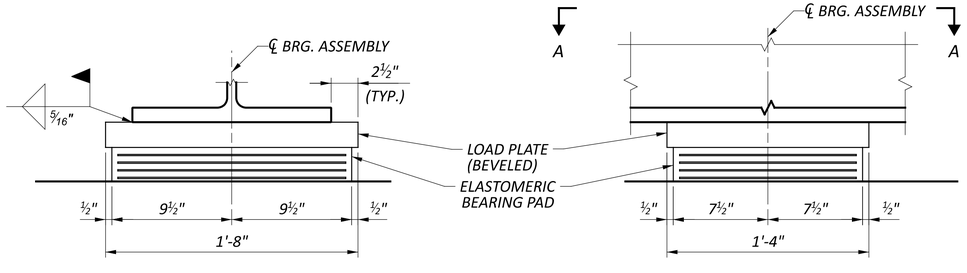


SECTION B-B



PIER NO. 1 BEVELED LOAD PLATE

UNFACTORED BEARING LOADS (KIP)	
	PIER NO. 1
DEAD LOAD	158.6
LIVE LOAD	115.4
TOTAL LOAD	274.0



EXPANSION BEARINGS AT PIER 1

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 23 | TOTAL 38
SHEET P.1659 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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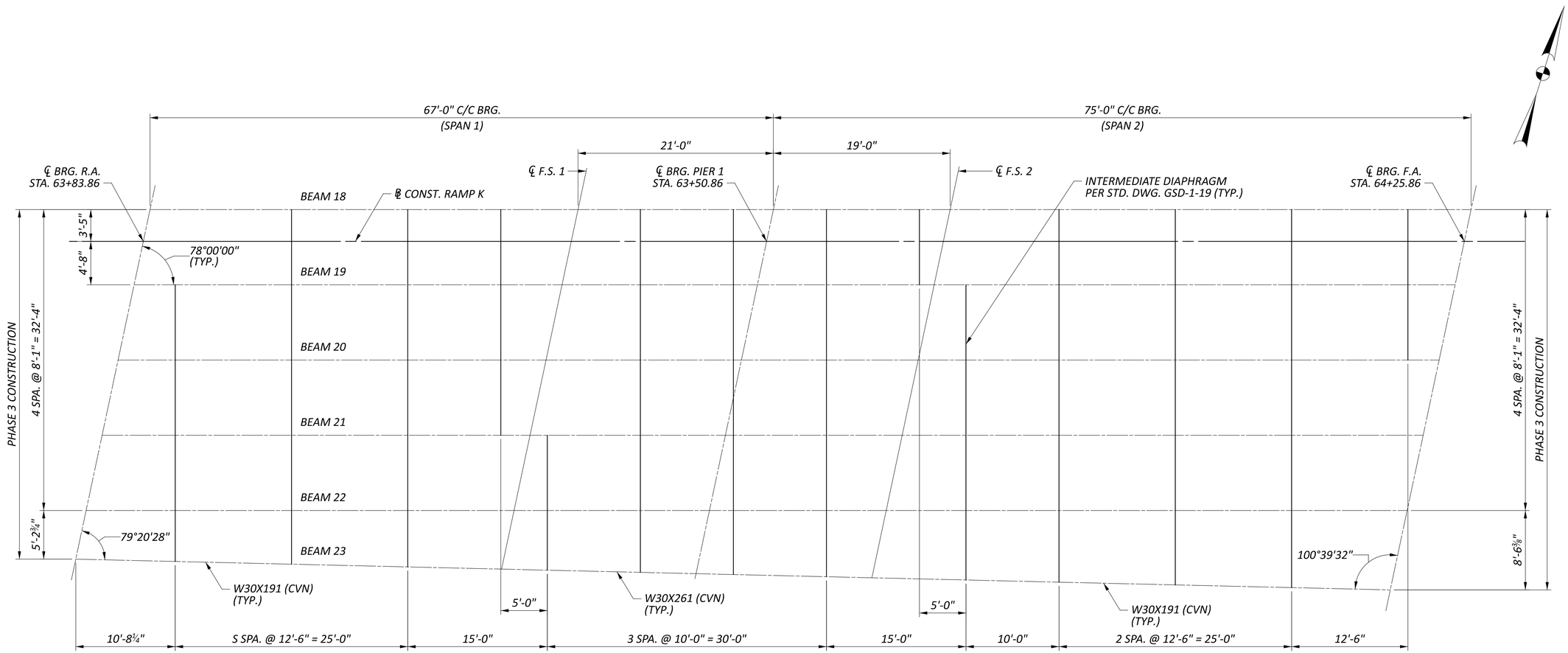

FRAMING PLAN - CD

NOTES:

1. FOR BEAM DETAILS, SEE SHEET 25 & 26/38.
2. ALL STRUCTURAL STEEL TO BE ASTM A709 GRADE 50, WITH THREE-COAT PAINT COATING SYSTEM.

FRAMING PLAN
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER PEG
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 24 | TOTAL 38
SHEET P.1660 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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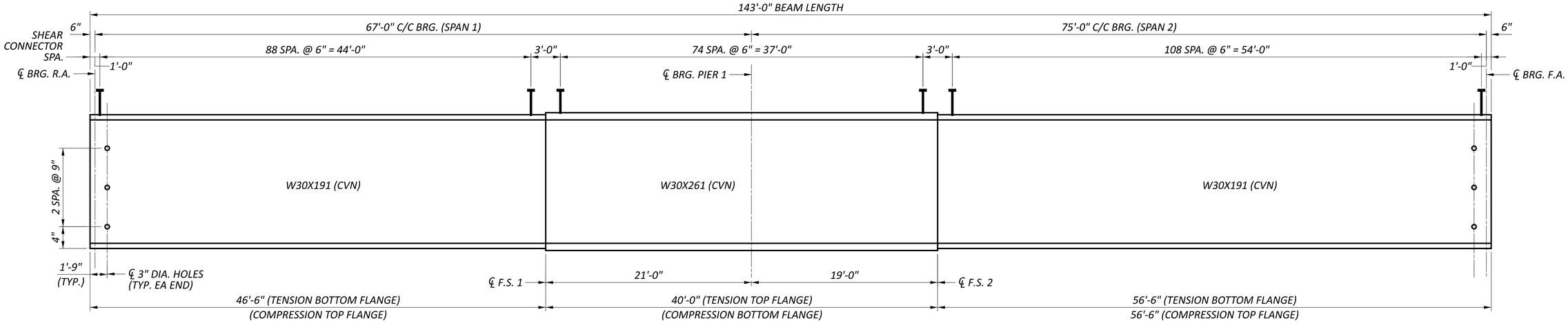
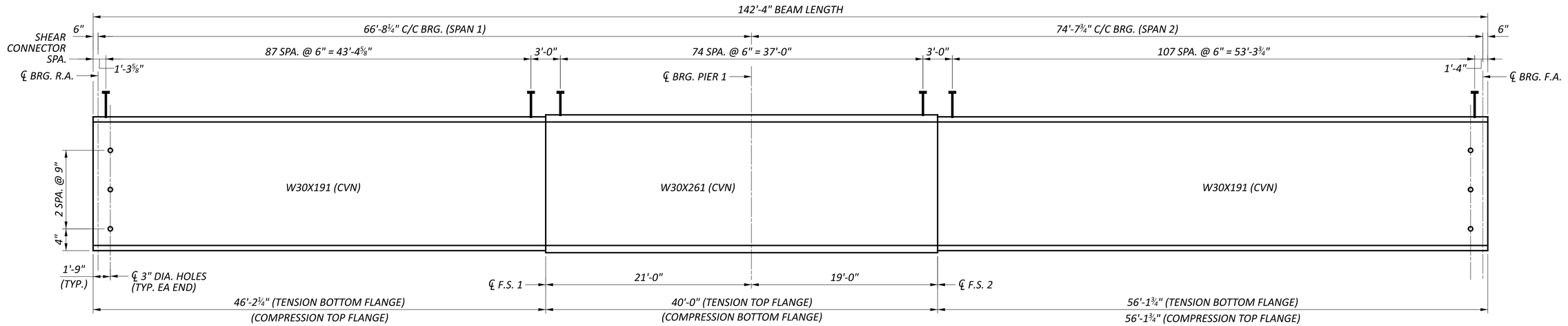
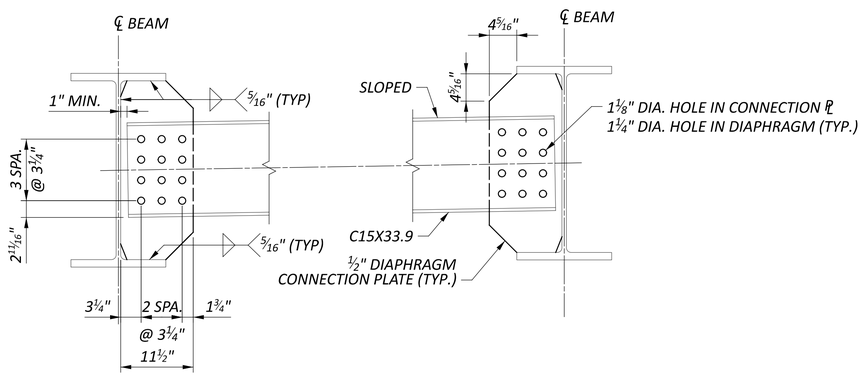


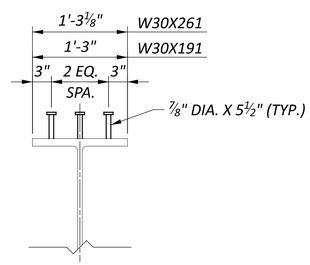
BEAMS 18-22 ELEVATION



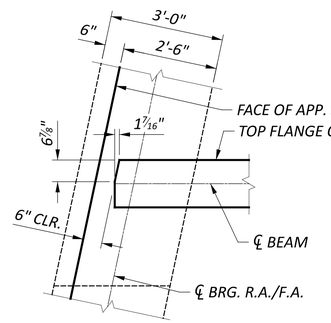
BEAM 23 ELEVATION



INTERMEDIATE DIAPHRAGM DETAIL



TYPICAL SHEAR CONNECTOR DETAIL



BEAM CLIP DETAIL

NOTES:

1. *FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE STANDARD DRAWING GSD-1-19*
2. *CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISHED MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01.*
3. *HIGH STRENGTH BOLTS SHALL BE 1" DIA. TYPE 1 GALVANIZED A325 BOLTS UNLESS OTHERWISE NOTED.*
4. *WELD ATTACHMENT OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS OF THE FASCIA STRINGER FLANGES DESIGNATED "COMPRESSION". DO NOT WELD ATTACHMENTS TO AREAS DESIGNATED "TENSION". FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1" FROM EDGE OF FLANGE, BE NO MORE THAN 2" LONG, AND BE AT LEAST ¼" FOR THICKNESS UP TO ¾" OR 5/16" FOR GREATER THAN ¾" THICK.*

BEAM DETAILS - 1

BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	25
TOTAL	38
SHEET	P.1661
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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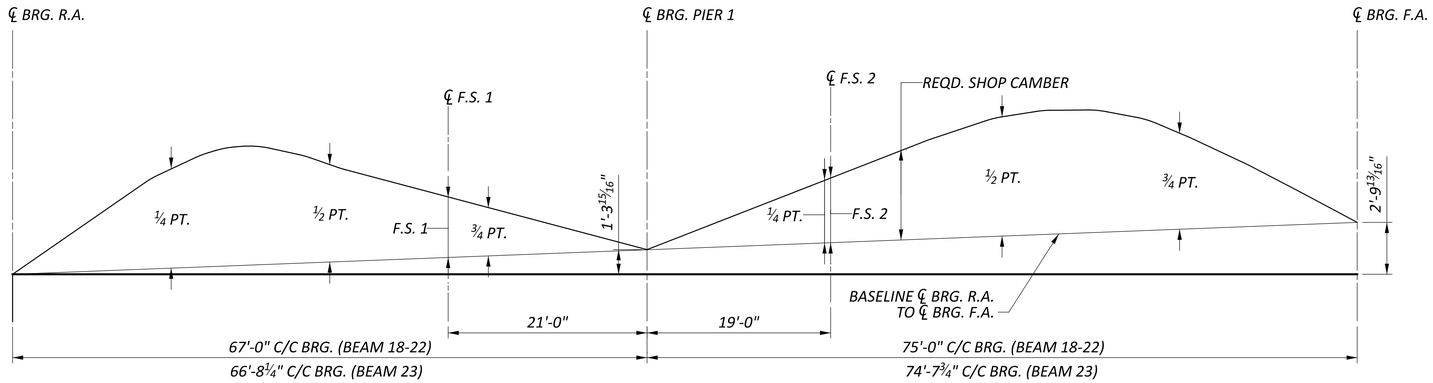
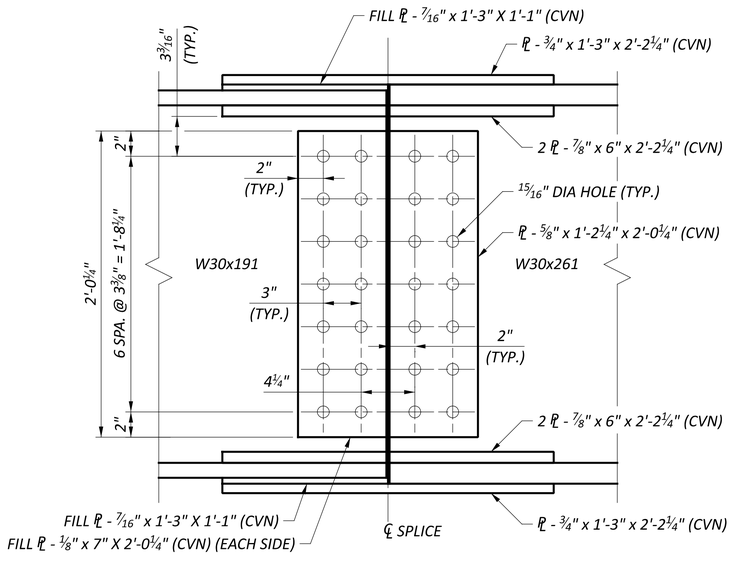
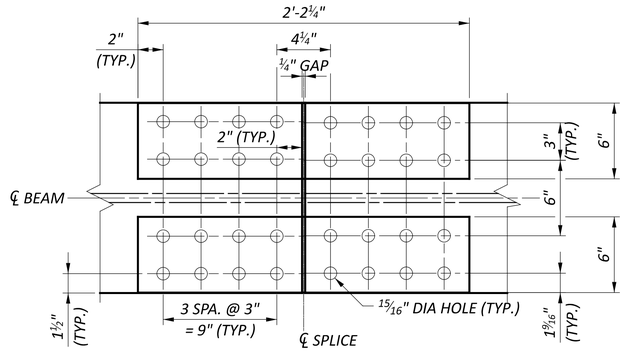
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS 18 -23)											
POINT	CL BRG. R.A.	1/4 POINT	1/2 POINT	F.S. 1	3/4 POINT	CL PIER 1	1/4 POINT	F.S. 2	1/2 POINT	3/4 POINT	CL BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	1/8"	1/8"	1/16"	1/16"	0"	1/8"	1/8"	1/4"	3/16"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	7/16"	7/16"	1/4"	1/8"	0"	1/2"	9/16"	1 1/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	-1/4"	-1/16"	0"	0"	0"	0"	0"	-1/16"	-3/16"	0"
REQUIRED SHOP CAMBER	0"	5/16"	1/2"	5/16"	3/16"	0"	5/8"	11/16"	1 1/4"	7/8"	0"



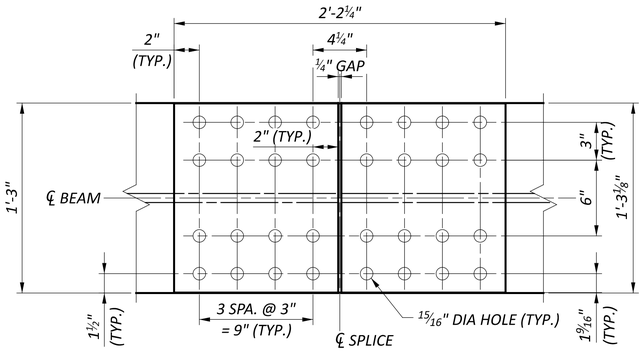
CAMBER AND BLOCKING DIAGRAM - BEAMS 18-23



WEB SPLICE



FLANGE INNER PLATE



FLANGE OUTER PLATE

TYPICAL BEAM FIELD SPLICE DETAILS

NOTES:

1. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH ⅞" DIA. TYPE 1 GALVANIZED A325 BOLTS.

BEAM DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	WILLIAMSON STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	PEG
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	26
TOTAL	38
SHEET	P.1662
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:13:21 PM USER: brieder
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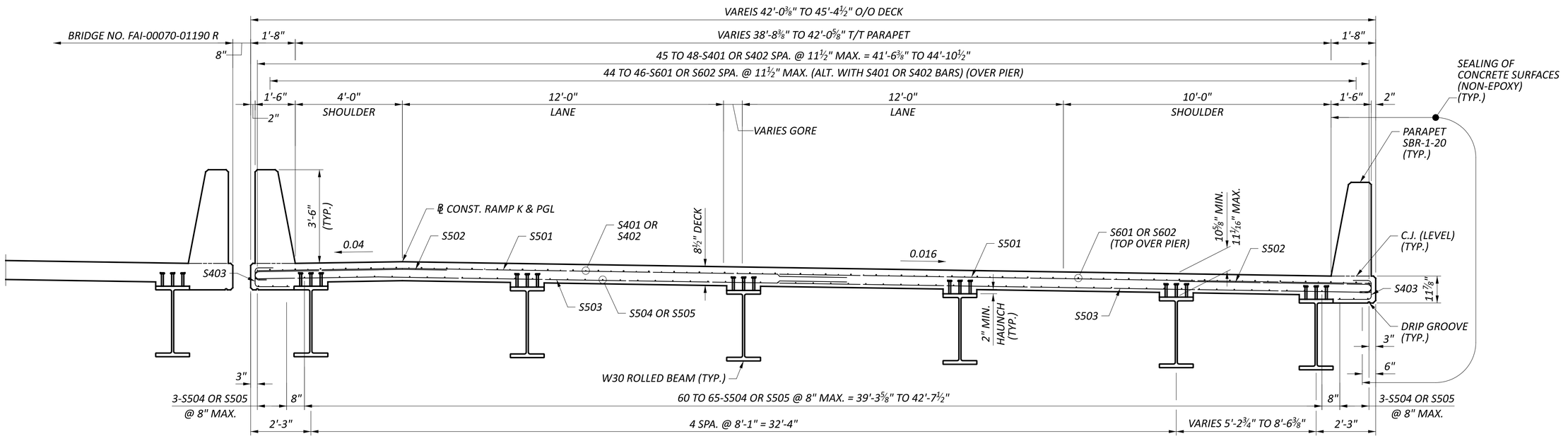

TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

NOTES:

1. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2⅜" AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

   THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. FAI-00070-01190 K
IR 70 EASTBOUND CD ROAD OVER S.R. 256

SFN 2301654

DESIGN AGENCY: STRUCTUREPOINT (A MEDPLEN INC.)

DESIGNER	CHECKER
BWJ	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
27	38

SHEET	TOTAL
P.1663	P.2024

FAI/LIC-70.0.00/0.00

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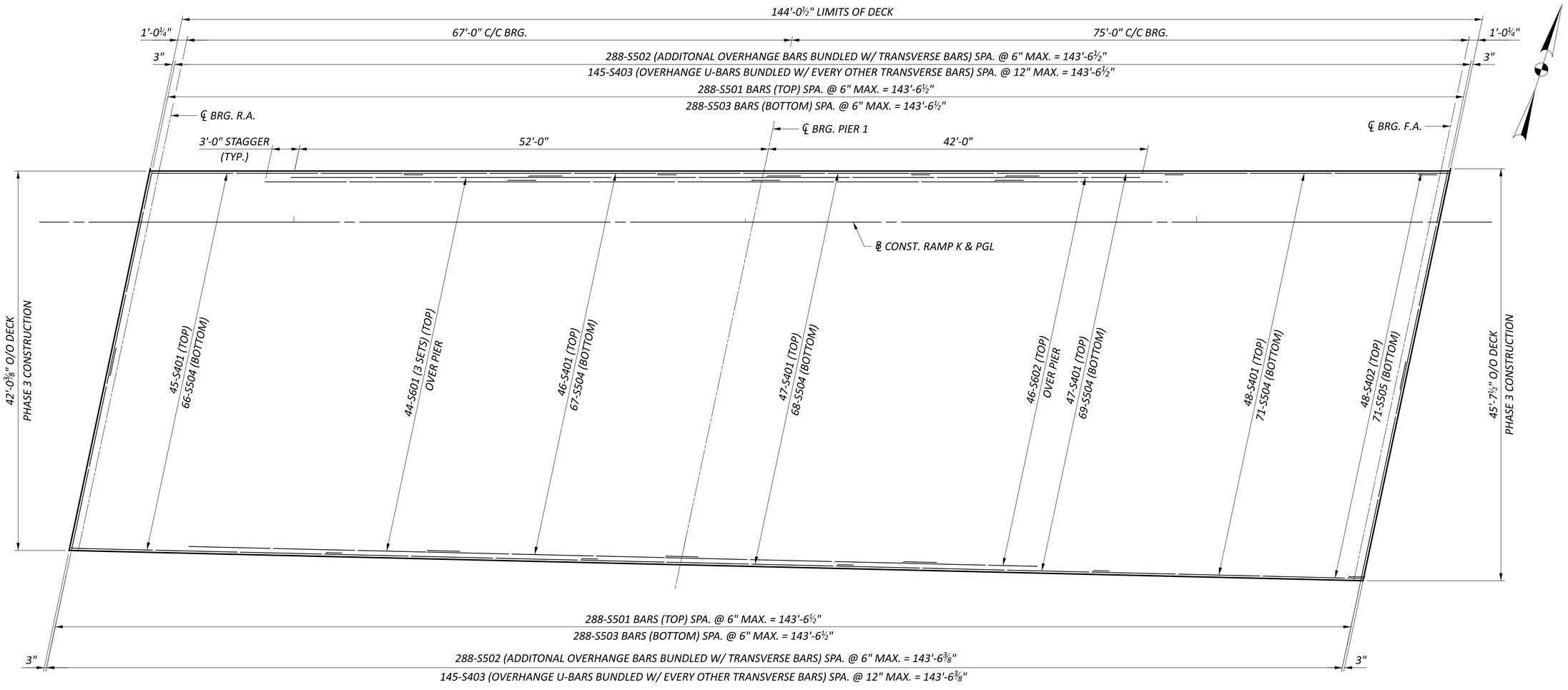

DECK PLAN

MINIMUM BAR LAP	
#4	1'-8"
#5	2'-6"
#6	3'-0"

NOTES:

1. FOR TRANSVERSE SECTION, SEE SHEET 27/38.

DECK PLAN
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
BJW	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
28	38

SHEET	TOTAL
P.1664	P.2024

FAI/LIC-70.0.00/0.00

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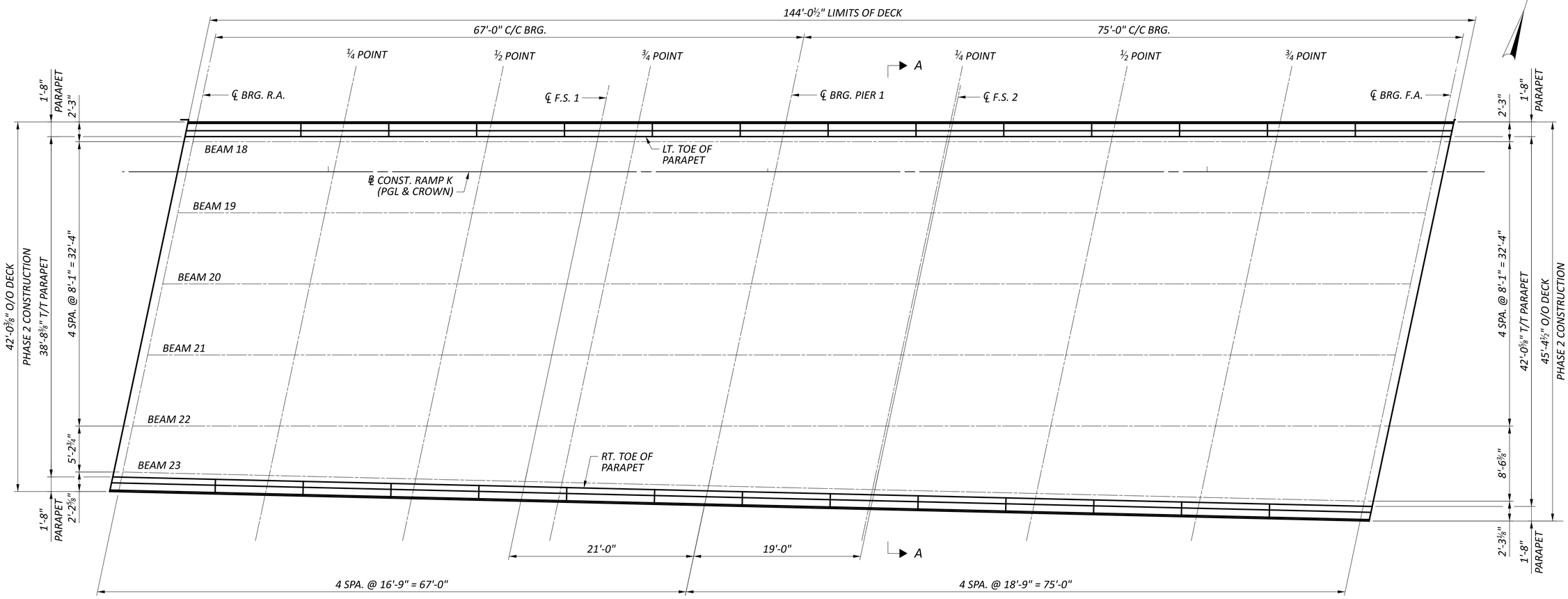
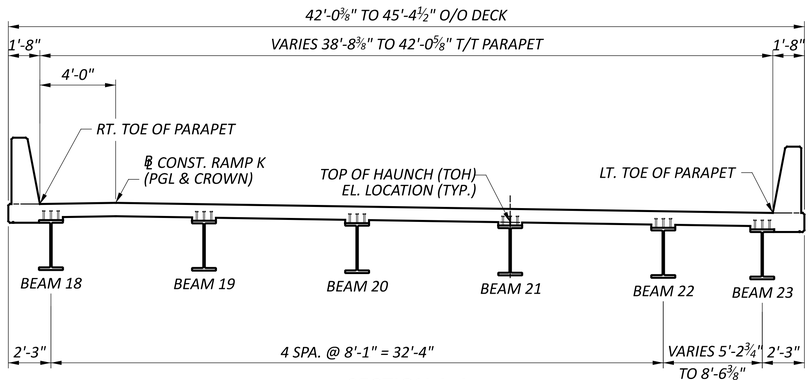


SCREED LAYOUT PLAN



SECTION A-A

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED*

SCREED DETAILS - 1

BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT
DESIGNER DAS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 29 | TOTAL 38
SHEET P.1665 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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TOP OF HAUNCH, FINAL DECK SURFACE, AND SCREED ELEVATIONS TABLE

SCREED LINE / DESCRIPTION		℄ BRG. R. A.	¼ POINT	½ POINT	F.S. 1	¾ POINT	℄ PIER NO. 1	¼ POINT	F.S. 2	½ POINT	¾ POINT	℄ BRG. F. A.
LT. TOE OF PARAPET	STATION	62+84.71	63+01.46	63+18.21	63+30.71	63+34.96	63+51.71	63+70.46	63+70.71	63+89.21	64+07.96	64+26.71
	F.D.S. ELEV.	867.40	867.74	868.07	868.32	868.40	868.72	869.07	869.07	869.41	869.75	870.07
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.40	867.78	868.11	868.33	868.41	868.72	869.11	869.12	869.50	869.82	870.07
PGL & CROWN	STATION	62+83.86	63+00.61	63+17.36	63+29.86	63+34.11	63+50.86	63+69.61	63+69.86	63+88.36	64+07.11	64+25.86
	F.D.S. ELEV.	867.55	867.88	868.22	868.46	868.54	868.86	869.21	869.22	869.55	869.89	870.22
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	867.55	867.92	868.25	868.48	868.55	868.86	869.25	869.26	869.64	869.96	870.22
RT. TOE OF PARAPET	STATION	62+76.48	62+93.15	63+09.82	63+22.25	63+26.48	63+43.15	63+61.81	63+62.06	63+80.46	63+99.12	64+17.78
	F.D.S. ELEV.	866.84	867.17	867.50	867.74	867.82	868.13	868.48	868.48	868.82	869.15	869.47
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	SCREED ELEV.	866.84	867.21	867.54	867.76	867.83	868.13	868.52	868.53	868.90	869.22	869.47
FAI-00070-01190 CD TOP OF HAUNCH ELEVATIONS												
BEAM 18	STATION	62+84.59	63+01.34	63+18.09	63+30.59	63+34.84	63+51.59	63+70.34	63+70.59	63+89.09	64+07.84	64+26.59
	F.D.S. ELEV.	867.42	867.76	868.09	868.34	868.42	868.74	869.09	869.09	869.43	869.77	870.09
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.72	867.09	867.42	867.65	867.72	868.03	868.42	868.43	868.81	869.13	869.39
BEAM 19	STATION	62+82.87	62+99.62	63+16.37	63+28.87	63+33.12	63+49.87	63+68.62	63+68.87	63+87.37	64+06.12	64+24.87
	F.D.S. ELEV.	867.45	867.79	868.12	868.36	868.45	868.77	869.12	869.12	869.46	869.80	870.13
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.74	867.12	867.45	867.68	867.75	868.06	868.45	868.46	868.84	869.16	869.42
BEAM 20	STATION	62+81.15	62+97.90	63+14.65	63+27.15	63+31.40	63+48.15	63+66.90	63+67.15	63+85.65	64+04.40	64+23.15
	F.D.S. ELEV.	867.29	867.63	867.96	868.20	868.28	868.61	868.96	868.96	869.30	869.64	869.97
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.58	866.95	867.29	867.51	867.59	867.90	868.29	868.30	868.68	869.00	869.26
BEAM 21	STATION	62+79.43	62+96.18	63+12.93	63+25.43	63+29.68	63+46.43	63+65.18	63+65.43	63+83.93	64+02.68	64+21.43
	F.D.S. ELEV.	867.12	867.46	867.79	868.04	868.12	868.44	868.80	868.80	869.14	869.48	869.81
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.41	866.79	867.12	867.35	867.43	867.73	868.13	868.14	868.52	868.84	869.10
BEAM 22	STATION	62+77.72	62+94.47	63+11.22	63+23.72	63+27.97	63+44.72	63+63.47	63+63.72	63+82.22	64+00.97	64+19.72
	F.D.S. ELEV.	866.96	867.30	867.63	867.88	867.96	868.28	868.63	868.64	868.98	869.32	869.65
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.25	866.62	866.96	867.19	867.26	867.57	867.97	867.97	868.36	868.68	868.94
BEAM 23	STATION	62+76.60	62+93.27	63+09.94	63+22.38	63+26.61	63+43.27	63+61.93	63+62.18	63+80.59	63+99.24	64+17.90
	F.D.S. ELEV.	866.85	867.18	867.51	867.75	867.83	868.15	868.49	868.49	868.83	869.16	869.48
	DEFLECTION	0.00	0.03	0.04	0.02	0.01	0.00	0.04	0.04	0.09	0.07	0.00
	T.O.H. ELEV.	866.14	866.51	866.84	867.06	867.13	867.44	867.83	867.83	868.21	868.52	868.77

SCREED DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	SJF

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
30	38

SHEET	TOTAL
P.1666	P.2024

FAI/LIC-70.0.00/0.00

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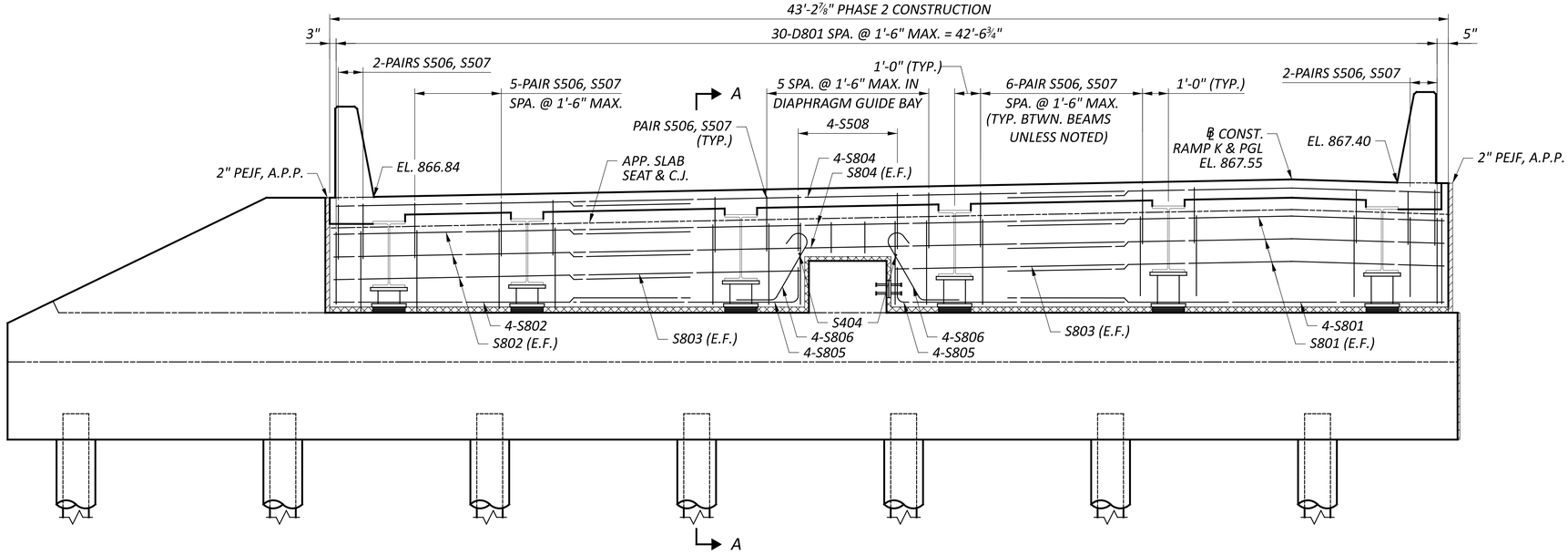
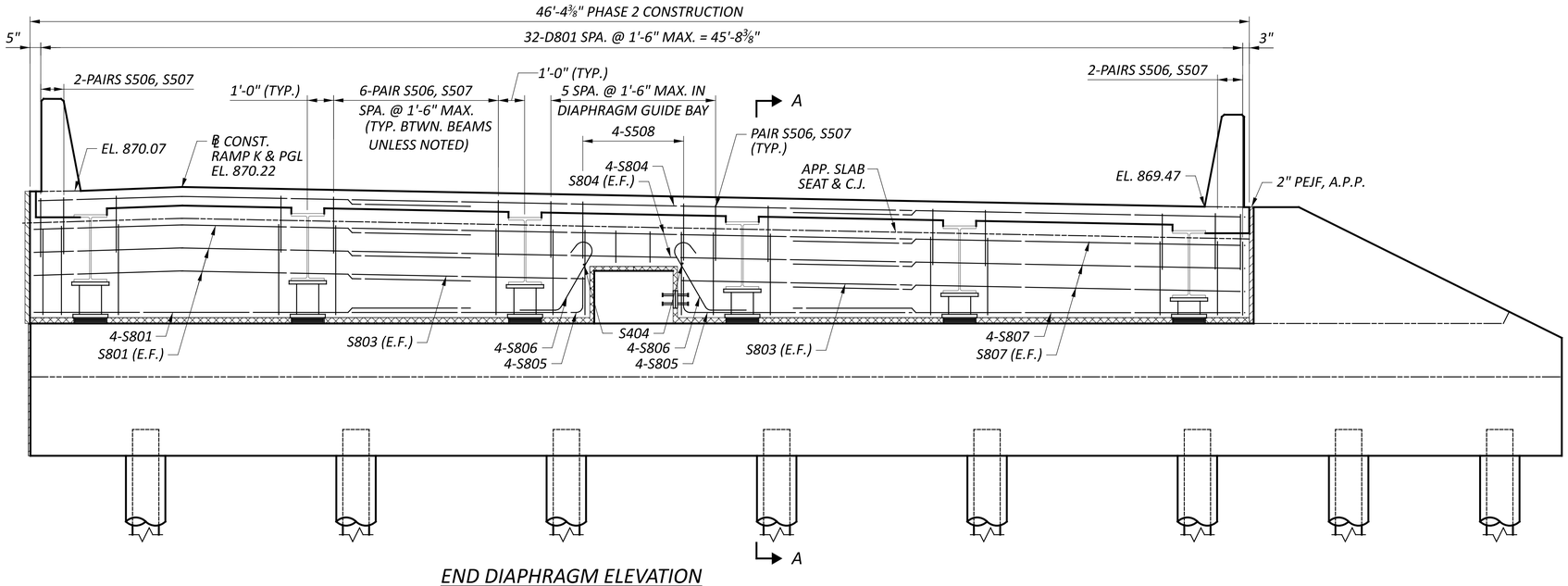


END DIAPHRAGM ELEVATION

REAR ABUTMENT



END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	4'-6"

NOTES:

1. FOR SECTION A-A , SEE SHEET 32/38.

SUPERSTRUCTURE DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	31
TOTAL	38
SHEET	P.1667
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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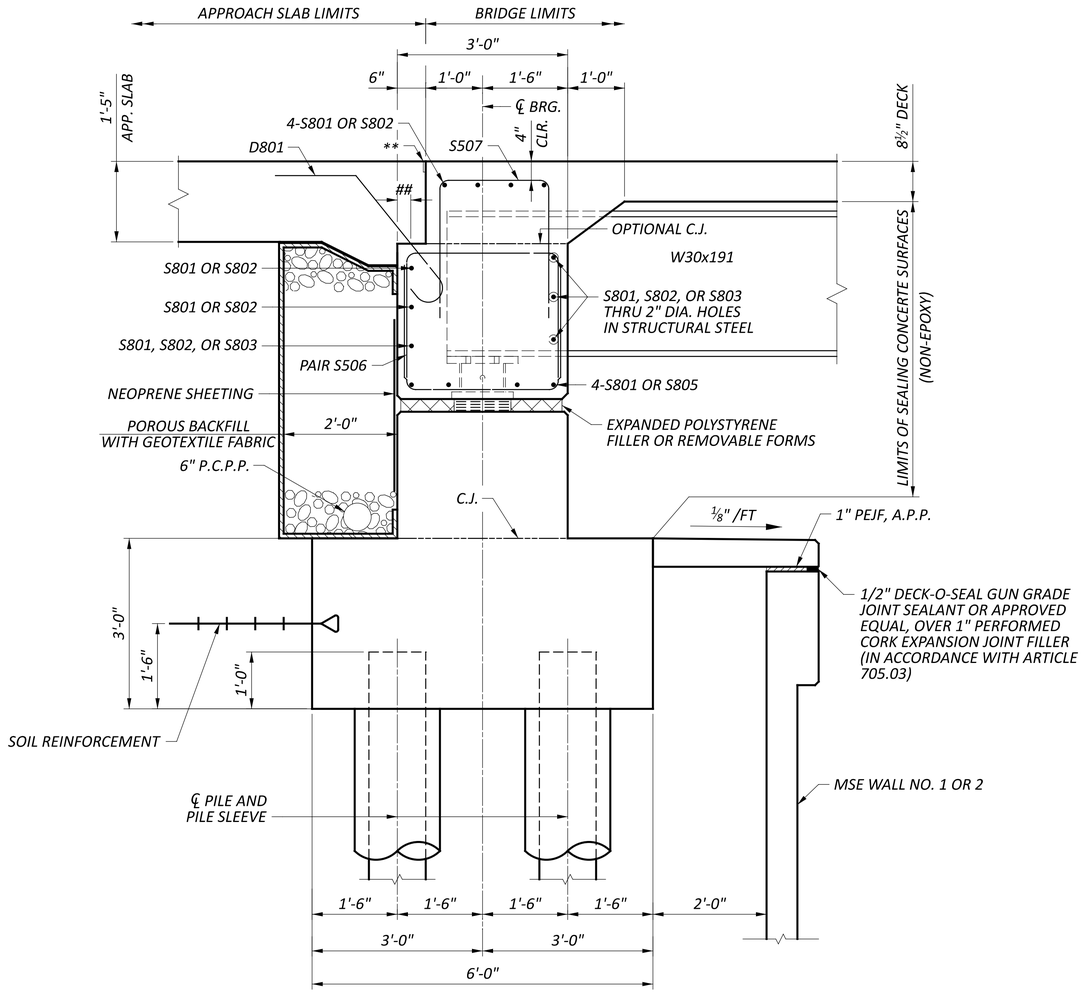

SECTION A-A

ABUTMENT REINFORCING NOT SHOWN FOR CLARITY

2¼" ±¼" CLR.

*** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15*

NOTES:

1. *FOR ABUTMENT DETAILS, SEE SHEET 17 & 18/38.*
2. *ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF THE DECK CONCRETE. IF PLACED SEPERATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-21 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.*

SUPERSTRUCTURE DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
32	38

SHEET	TOTAL
P.1668	P.2024

FAI/LIC-70.0.00/0.00

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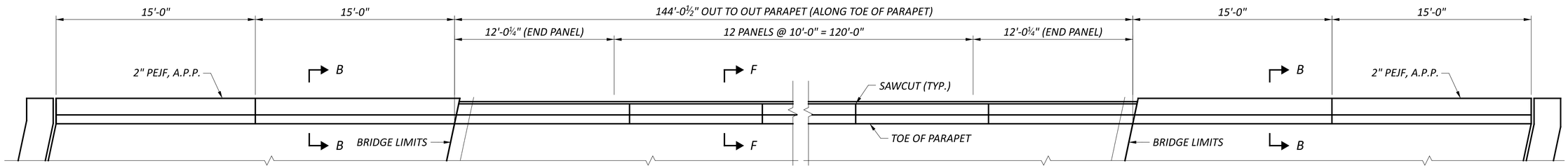
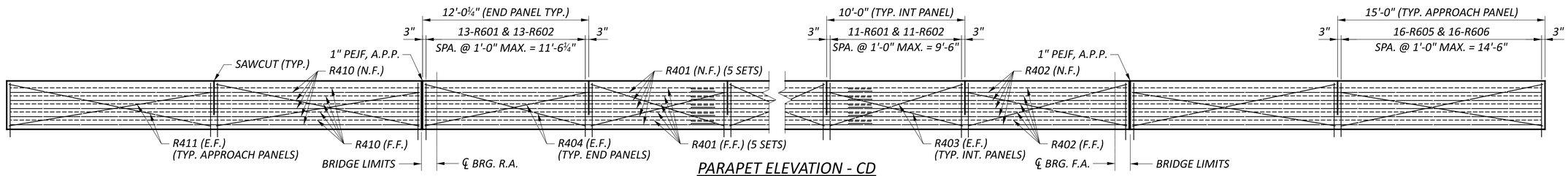


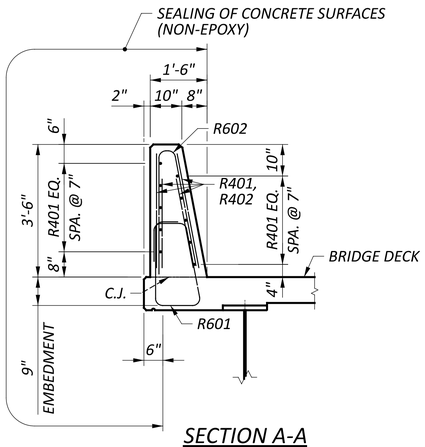
PARAPET PLAN - CD BRIDGE

LEFT PARAPET SHOWN

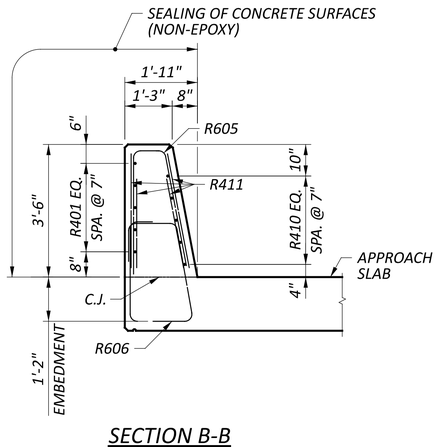


PARAPET ELEVATION - CD

LEFT PARAPET SHOWN



SECTION A-A



SECTION B-B

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. *SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.*
2. *FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.*

PARAPET DETAILS - 1
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	MEDLEN STRUCTUREPOINT INC.
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	33
TOTAL	38
SHEET	P.1669
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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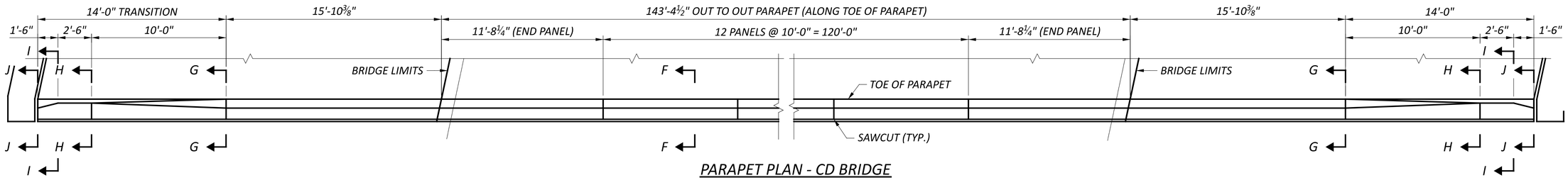
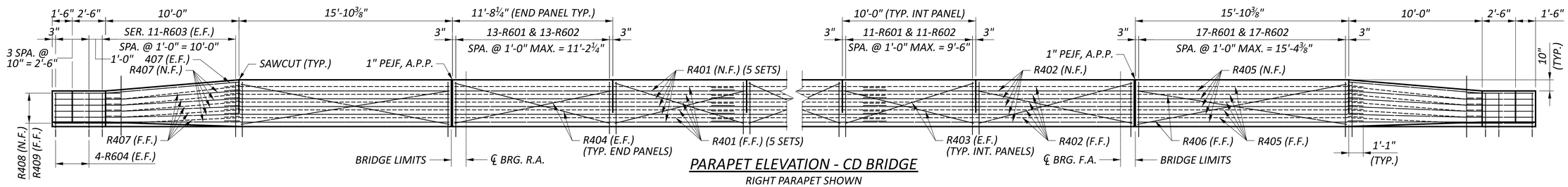


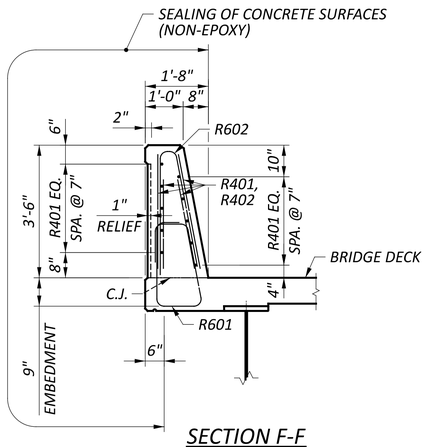
PARAPET PLAN - CD BRIDGE

RIGHT PARAPET SHOWN

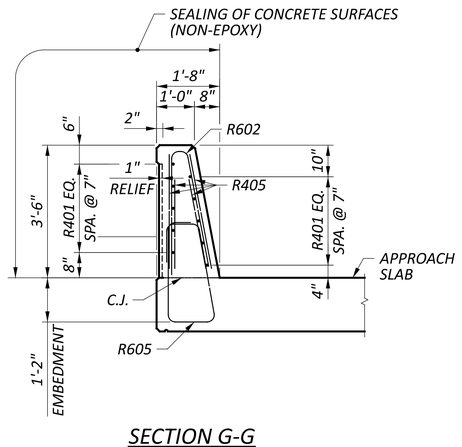


PARAPET ELEVATION - CD BRIDGE

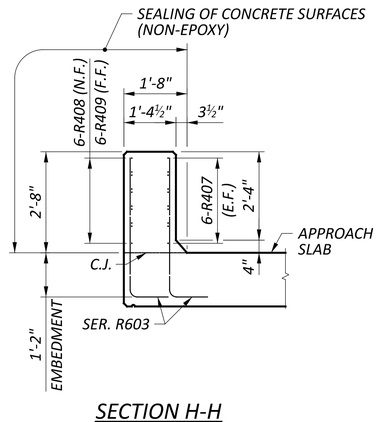
RIGHT PARAPET SHOWN



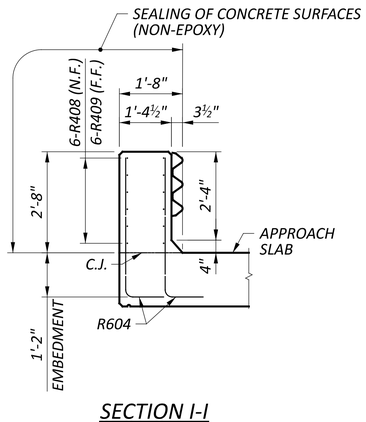
SECTION F-F



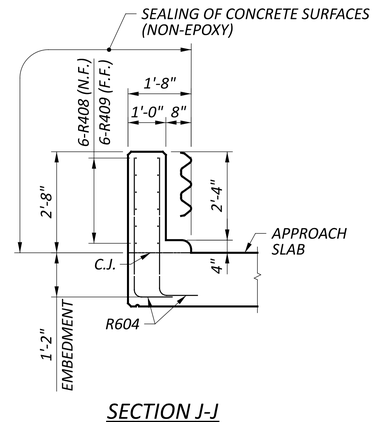
SECTION G-G



SECTION H-H



SECTION I-I



SECTION J-J

MINIMUM BAR LAP	
#4	1'-1"

NOTES:

1. *SEE STANDARD DRAWING SBR-1-20 FOR ADDITIONAL DETAILS.*
2. *FOR BRIDGE TERMINAL ASSEMBLY. SEE STANDARD CONSTRUCTION DRAWING MSG 3.1.*

PARAPET DETAILS - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY STRUCTUREPOINT
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 34 | TOTAL 38
SHEET P.1670 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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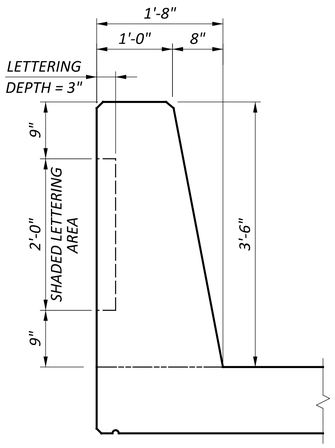
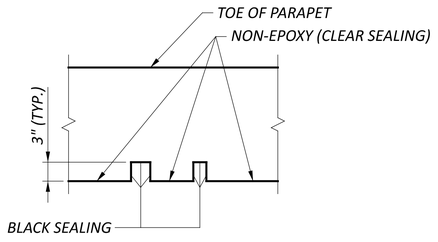
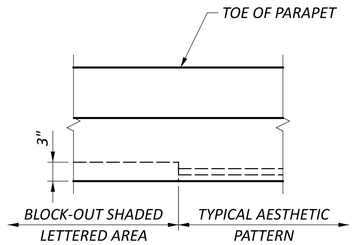


SECTION A-A
(LETTERED SECTION)



SECTION B-B
THICKENDED PARAPET DETAIL



SECTION C-C
THICKENDED PARAPET DETAIL

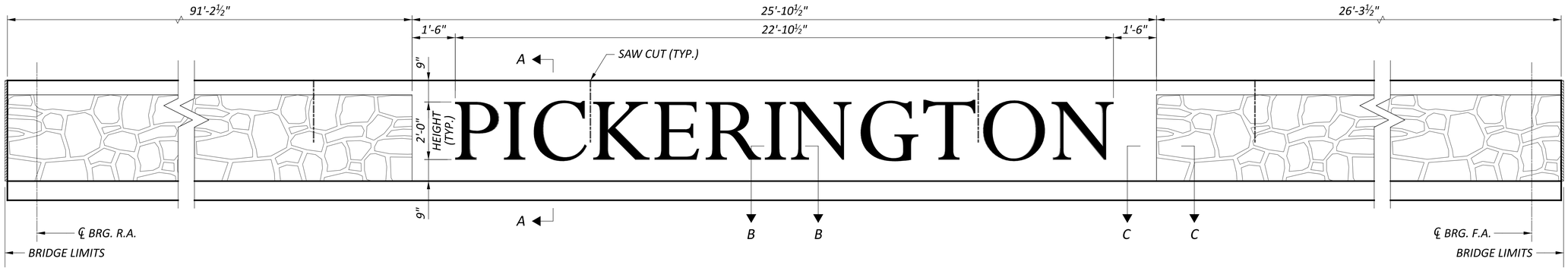
NOTES:

ALL ADDITIONAL COSTS ASSOCIATED WITH THE LETTERING, SYMBOLS, PROVIDING AND DIFFERING TYPE AND COLORS OF CONCRETE SEALING IS TO BE INCLUDED WITH ITEM 511-CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN FOR PAYMENT. LOCATION OF SAWCUT JOINTS SHALL BE SO AS TO AVOID INTERSECTING DEPRESSED LETTERING. LETTERS SHALL BE CAST INTO PARAPET CONCRETE AT AN EMBEDMENT DEPTH OF 3 INCHES. THE MATERIAL USED TO FORM THE LETTERS INTO THE CONCRETE SHALL BE APPROVED BY THE ENGINEER. THE SPECIFICATIONS OF ITEM 512 - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), SHE BE USED TO APPLY FEDERAL COLOR NUMBER FS-595C-17038 (BLACK) TO THE DEPRESSED SURFACES OF THE LETTERS. LASTLY, ALL REMAINING PARAPET SURFACES SHALL BE SEALED, AS DETAILED IN THE PLAN, WITH ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY), CLEAR SEALER. THE CONTRACTOR SHALL CREATE A MOCKUP TEST POUR OF THE PROPOSED LETTERING, AND SEALING PATTERN USING APPROVED FORMLINERS AND SEALING MATERIAL.

THE MOCKUP SHALL BE APPROVED BY THE DISTRICT 5 BRIDGE SECTION. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DISTRICT 5 BRIDGE SECTION, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE MOCKUP WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. A MINIMUM OF ONE FULL SCALE LETTER WITH FLUSH FRAMING MOCKUP SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/ SEALANT INTENDED TO BE USED ON THE PROJECT. THE MOCHUP SHALL BE ON THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE MOCKUP SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

IN ADDITION TO THE DISTRICT 5 BRIDGE SECTION, A PICKERINGTON REPRESENTATIVE SHALL BE PRESENT FOR SPOT CONSULTATION WITH THE DISTRICT 5 BRIDGE SECTION. USE THE FOLLOWING CONTACT INFORMATION FOR THIS PROCESS:

PICKERINGTON = ("TIMES NEW ROMAN" FONT)



TYPICAL LETTERING DETAILS

CAST LETTERING SHAL BE LAID OUT/PROJECTED AS "TIMES NEW ROMAN" TYPE FONT WITH SPACING BASED ON THE FONT KERNING (BY CONTRACTOR)

PARAPET LETTERING DETAILS
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN	2301654
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	SJF
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	35
TOTAL	38
SHEET	P.1669
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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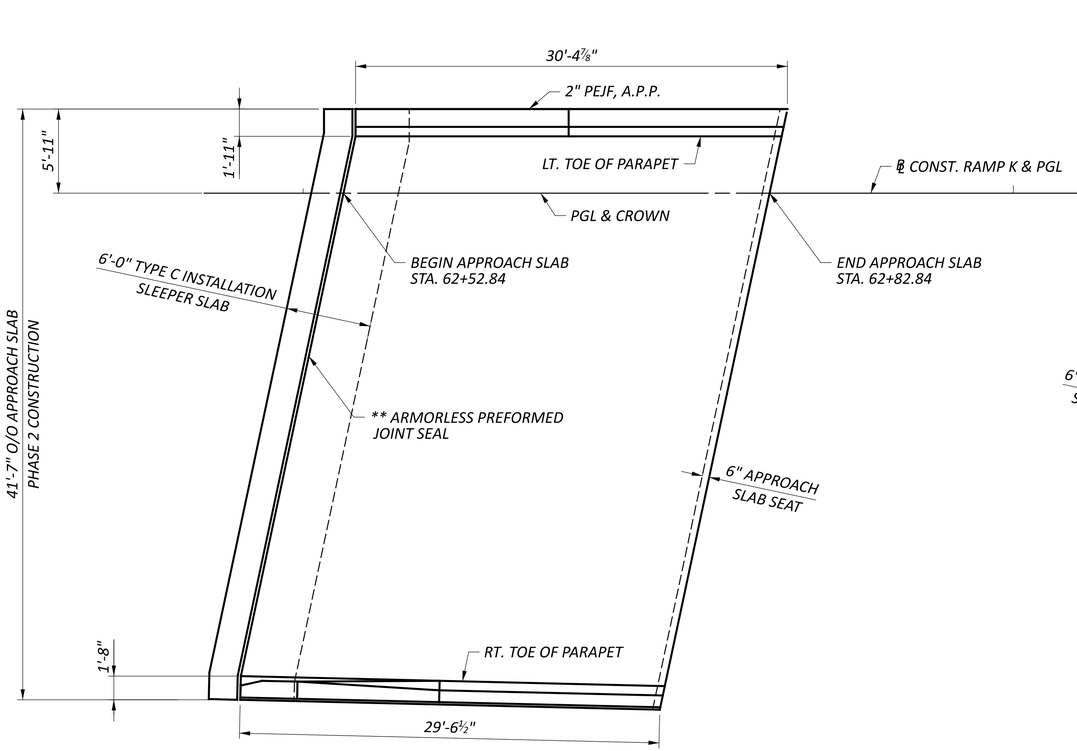
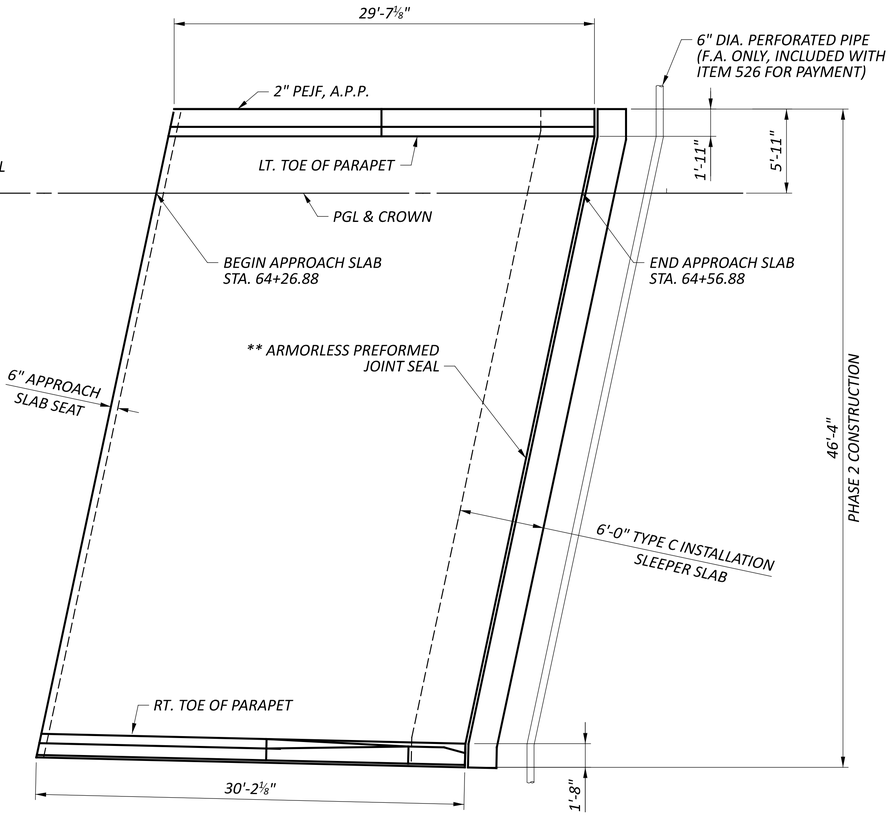


PLAN
REAR APPROACH



PLAN
FORWARD APPROACH

APPROACH SLAB ELEVATIONS

APPROACH LINE \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	62+51.42	62+53.69	62+57.56	62+83.69		64+27.73	64+53.87	64+57.73	64+60.00
	ELEVATION	865.30	866.76	865.43	867.38		870.09	869.12	870.60	869.22
PGL & CROWN	STATION	62+50.57	62+52.84	62+56.71	62+82.84		64+26.88	64+53.02	64+56.88	64+59.15
	ELEVATION	865.44	866.91	865.57	867.53		870.24	869.26	870.75	869.37
RT. TOE OF PARAPET	STATION	62+43.36	62+45.61	62+49.46	62+75.46		64+18.80	64+44.80	64+48.65	64+50.89
	ELEVATION	864.75	866.21	864.87	866.82		869.49	868.51	869.99	868.61

NOTES:

1. FOR STANDARD APPROACH SLAB DETAILS, SEE STANDARDS DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE STANDARD DRAWING AS-2-15.
3. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
4. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.
5. ** SEE STANDARD DRAWING AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
SJF	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
36	38

SHEET	TOTAL
P.1672	P.2024

FAI/LIC-70.0.00/0.00

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MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
REAR ABUTMENT - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER / TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PIER - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER / TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
SUPERSTRUCTURE - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER / TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PARAPET - GFRP REINFORCEMENT											

MARK	NUMBER / TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PARAPET - GALVANIZED STEEL REINFORCEMENT											

NOTES:

1. *ALL REINFORCING STEEL SHALL BE GALVANZIED, GRADE 60.*
2. *"STR" IN THE TYPE COLUMN INDICATES STRAIGHT BARS.*
3. *ALL DIMENSIONS ARE MEASURED OUT-TO-OUT OF BAR.*
4. *THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR DIGITS ARE USED, INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, P601 IS A NO. 6 BAR. "R" INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED. "STD" WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BEND AT THE END OF THE BAR.*
5. *FOR BEND DIAGRAMS, SEE SHEET 37/38.*

REINFORCING LIST - 2
BRIDGE NO. FAI-00070-01190 K
IR 70 OVER S.R. 256

SFN 2301654
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER SJF | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 38 | TOTAL 38
SHEET P.1674 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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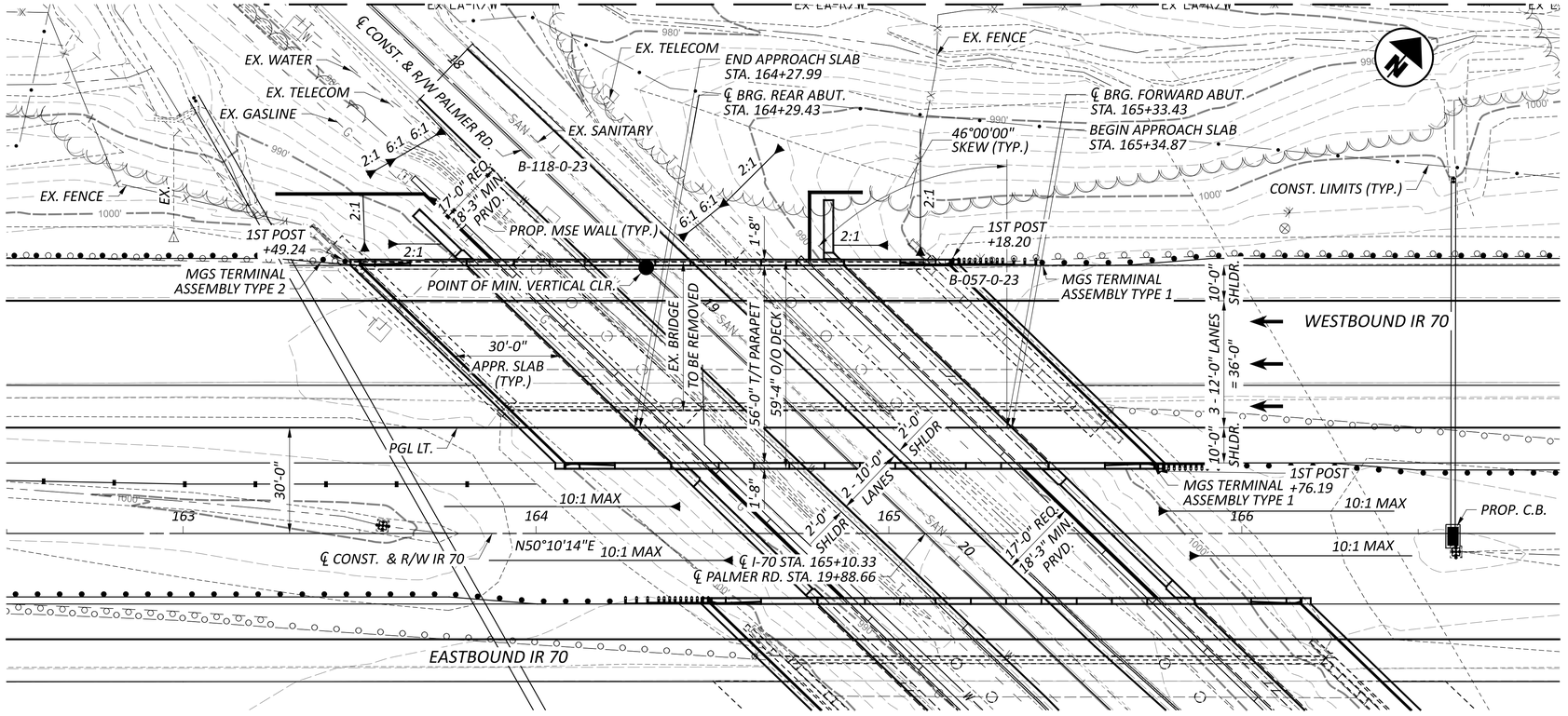
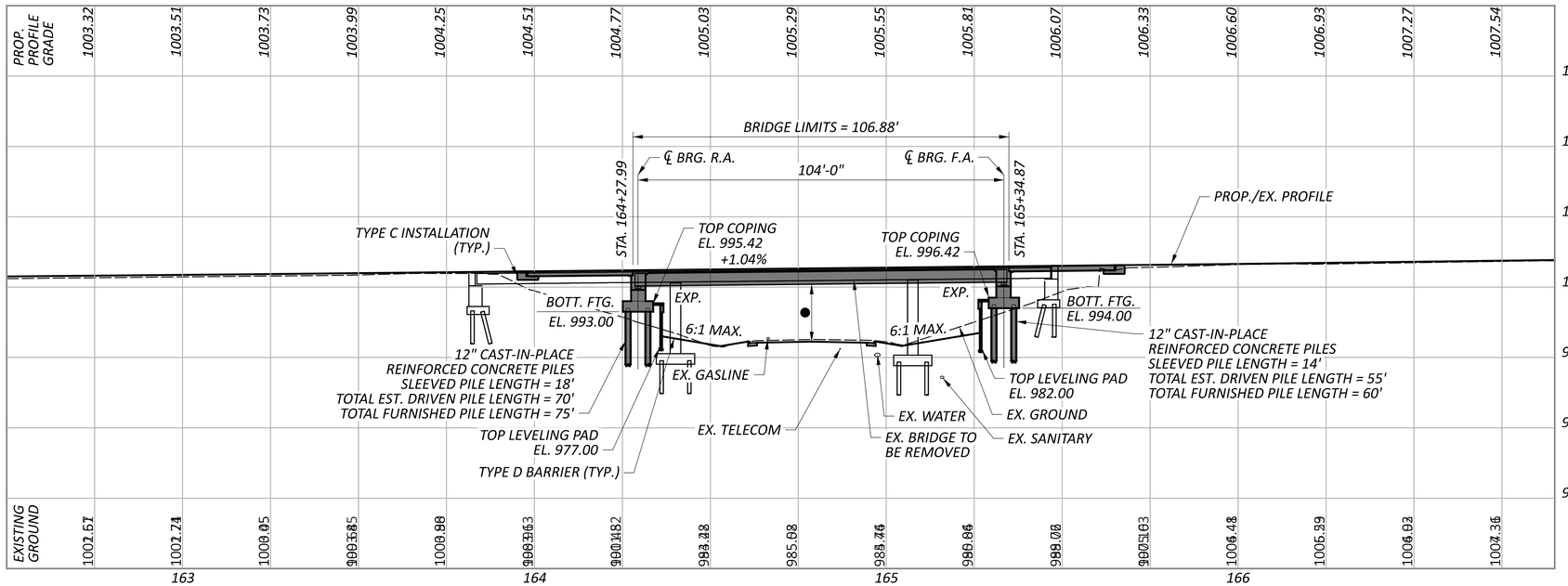


PLAN



PROFILE - ALONG PGL LT.

BENCHMARK DATA

C.P. 2012 STA. 138+31.32,	ELEV. 976.93,	OFFSET 108.10' LT
C.P. 2013 STA. 182+36.85,	ELEV. 1020.51,	OFFSET 120.41' RT

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56,680 *2030 ADTT = 6,802*
2050 ADT = 76,150 *2050 ADTT = 9,138*
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

● - *15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE*
15'-11½" ACTUAL MINIMUM VERTICAL CLEARANCE

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH PILE FOUNDATIONS

SPANS: 49'-6"±, 62'-0"±, 49'-6"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 46°25'30"± R.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 4502884
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, STEEL PLATE GIRDER WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS
SPANS: 104'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 46°00'00" R.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,342 SF
COORDINATES: LATITUDE 39°56'44.35"N
LONGITUDE 82°45'25.99"W

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 | TOTAL 33
SHEET P.1675 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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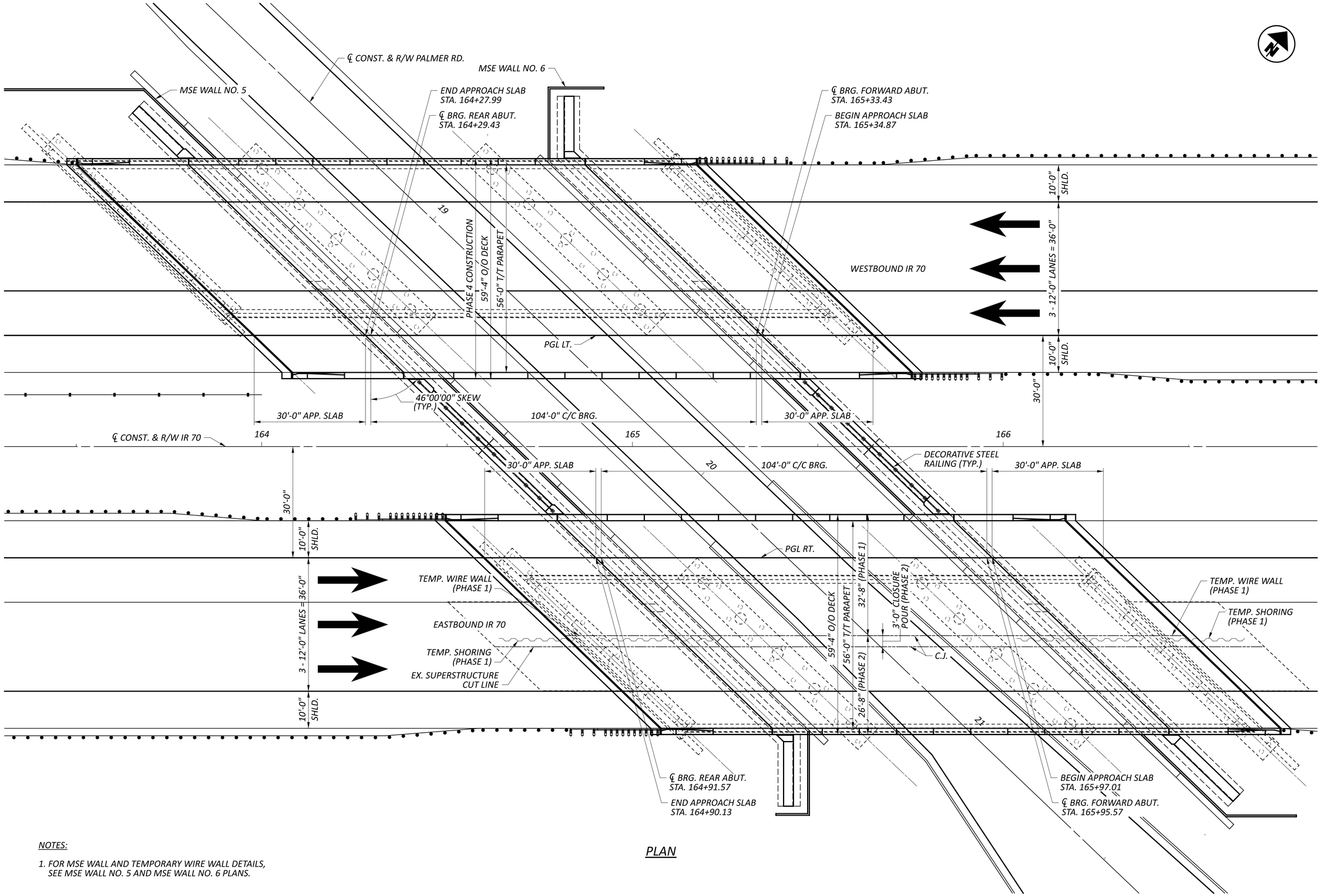

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 5 AND MSE WALL NO. 6 PLANS.

GENERAL PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	33
SHEET	P.1676
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-2-20	REVISED	07-19-24
SICD-1-21	REVISED	01-19-24
SICD-2-14	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

SPECIAL DESIGN SPECIFICATIONS:

THIS BRIDGE REQUIRED THE USE OF A TWO DIMENSIONAL MODEL USING THE GRILLAGE DESIGN METHOD TO ANALYZE THE STRUCTURE. THE COMPUTER PROGRAM USED FOR STRUCTURAL ANALYSIS WAS DESCUS. THE BRIDGE COMPONENTS DESIGNED BY THIS METHOD AND THE LIVE LOAD DISTRIBUTION FACTORS USED WERE THE STEEL GIRDERS AND CROSSFRAMES.

DEAD LOAD DISTRIBUTION:

WEIGHT OF THE DECK AND STEEL GIRDERS WERE USED FOR THE NON-COMPOSITE DEAD LOAD BASED ON TRIBUTARY AREA. THE WEIGHT OF PARAPETS AND FUTURE WEARING SURFACE WERE DIVIDED EQUALLY AMONG THE GIRDERS FOR THE COMPOSITE DEAD LOAD.

LIVE LOAD DISTRIBUTION FACTORS:

DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & FOR LANE LOAD MOMENTS. DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & LANE LOAD SHEARS.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LINE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DECK PLACEMENT ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.85 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

PAINTING OF STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 514 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS. THE FINISH COAT COLOR ON ALL INTERIOR BEAMS AND THE INSIDE FACE OF THE FASCIA BEAMS SHALL BE GRAY AMS-595A-16440. THE FINISH COAT COLOR ON THE EXTERIOR FACE AND BOTTOM FLANGE OF BOTH FASCIA BEAMS SHALL BE BLACK AMS-595A-17038.

BRIDGE PAINTING LIMITATIONS:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

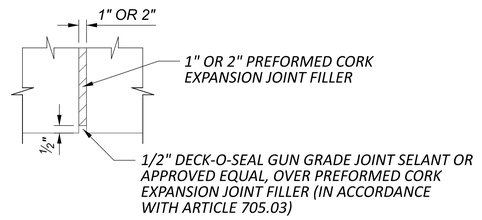
SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" AND 2" PEJF, A.P.P. CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN OR ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 155 KIPS PER PILE FOR THE REAR ABUTMENT PILES.

REAR ABUTMENT PILES:

12 INCH DIAMETER PILES 75 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.406 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/ SOIL SETUP:

THE ULTIMATE BEARING VALUE (UBV) IS 221 KIPS PER PILE FOR THE 12 INCH DIAMETER CAST IN PLACE REINFORCED CONCRETE FORWARD ABUTMENT PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

DRIVE THE FIRST TWO PILES AT THE FORWARD ABUTMENT TO THE FULL ESTIMATED LENGTH OF 55 FEET. PERFORM DYNAMIC LOAD TESTING ON BOTH PILES WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATED THE PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF * DAYS. INCLUDE THE WAITING PERIOD AS A SEPARATE ACTIVITY IN THE PROJECT SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

IF THE RESTRIKE TEST RESULTS INDICATE THE EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/ SOIL SETUP (CONT.):

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER CMS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 - DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 - RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

GENERAL NOTES - 1

BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
ABD	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
3	33

SHEET	TOTAL
P.1677	P.2024

FAI/LIC-70-0.00/0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\Structures\SFN_4502885\Sheets\96808_SFN_4502885_SN001.dgn

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN `2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

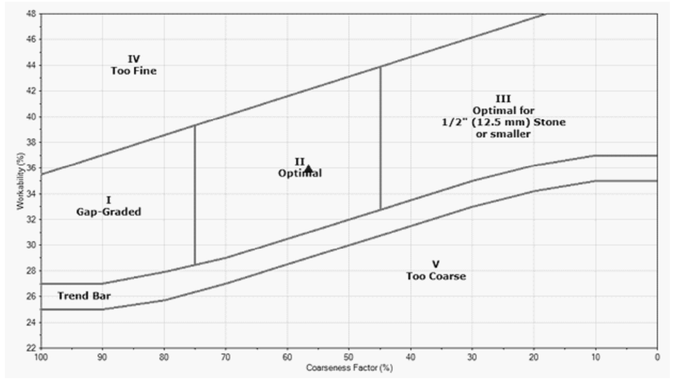


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

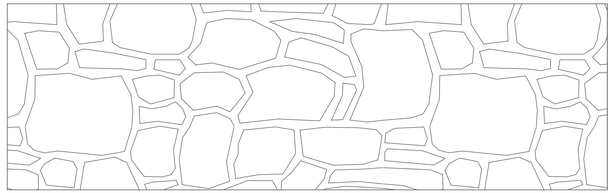
THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

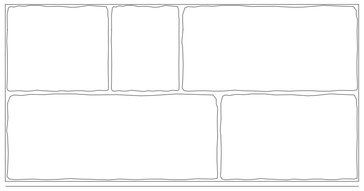
COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1⅛" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.) PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
APPR.	= APPROACH
A.P.P.	= AS PER PLAN
BOT.	= BOTTOM
BRG.	= BEARING
BTW	= BETWEEN
C.B.	= CATCH BASIN
C/C	= CENTER-TO-CENTER
C.I.P.	= CAST-IN-PLACE
C.J.	= CONSTRUCTION JOINT
℄	= CENTERLINE
CLR.	= CLEARANCE
CONSTR.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
EB	= EASTBOUND
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
F.S.	= FIELD SPLICE
FWD.	= FORWARD
INV.	= INVERT
LT.	= LEFT
MAX.	= MAXIMUM
MIN.	= MINIMUM
NE	= NORTHEAST
N.F.	= NEAR FACE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
NW	= NORTHWEST
O/O	= OUT-TO-OUT
PB	= PORTABLE BARRIER
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PGL	= PROFILE GRADE LINE
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SE	= SOUTHEAST
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
SW	= SOUTHWEST
T&B	= TOP AND BOTTOM
TEMP.	= TEMPORARY
T/S	= TOE OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYP.
WB	= WESTBOUND

GENERAL NOTES - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER ABD | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 33
SHEET P.1678 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: ACM DATE: 04/11/2025
CHECKED BY: SJF DATE: 04/21/2025

ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	SUPER STR.	GEN.	SHT. NO.
202	11002		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN			LS	
202	22900	133	SY	APPROACH SLAB REMOVED			133	
202	23500	133	SY	WEARING COURSE REMOVED			133	
503	21300		LS	UNCLASSIFIED EXCAVATION			LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION			LS	
507	00500	4250	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	4250			
507	00550	4590	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	4590			
509	10000	116847	LB	EPOXY COATED STEEL REINFORCEMENT	39000	77847		
509	30020	3927	FT	NO. 4 DEFORMED GFRP REINFORCEMENT		3927		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2			
511	34446	275	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK		275		
511	34451	61	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN		61		4/30
511	44113	115	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	115			4/30
511	46512	174	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	174			
512	10050	607	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	186	421		
512	33000	30	SY	TYPE 2 WATERPROOFING	30			
513	10280	197900	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4		197900		
513	20000	3234	EACH	WELDED STUD SHEAR CONNECTORS		3234		
514	00060	12670	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		12670		
514	00066	12670	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT		12670		
516	13601	96	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	80	16		3/30
516	13901	87	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	87			3/30
516	14020	202	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	202			
516	44101	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN		14		15/30
518	21200	118	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	118			
518	40000	244	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	244			
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100			
523	20000	1	EACH	DYNAMIC LOAD TESTING	1			
523	20001	1	EACH	DYNAMIC LOAD TESTING, AS PER PLAN	1			3/30
523	20501	1	EACH	RESTRIKE, AS PER PLAN	1			3/30
526	30010	396	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")			396	
526	90010	171	FT	TYPE A INSTALLATION			171	
846	00110	68	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			68	

ESTIMATED QUANTITIES
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
ACM	SJF

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
5	33

SHEET	TOTAL
P.1679	P.2024

FAI/LIC-70-0.00/0.00

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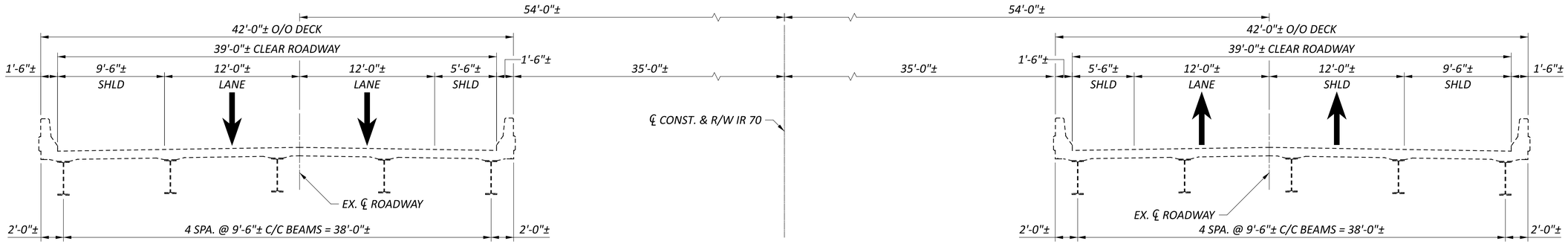
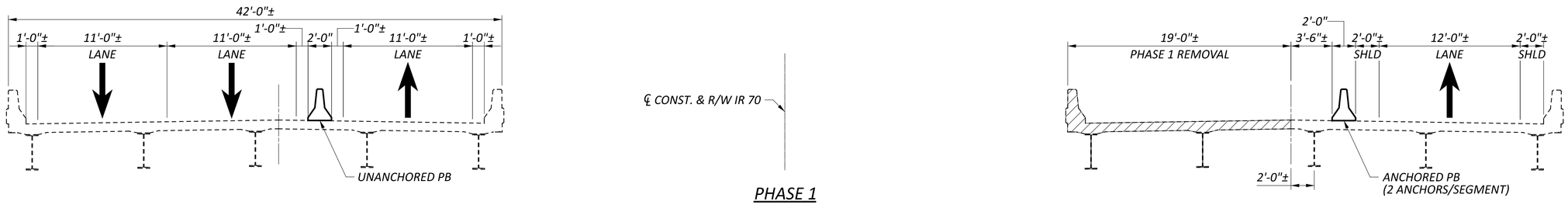
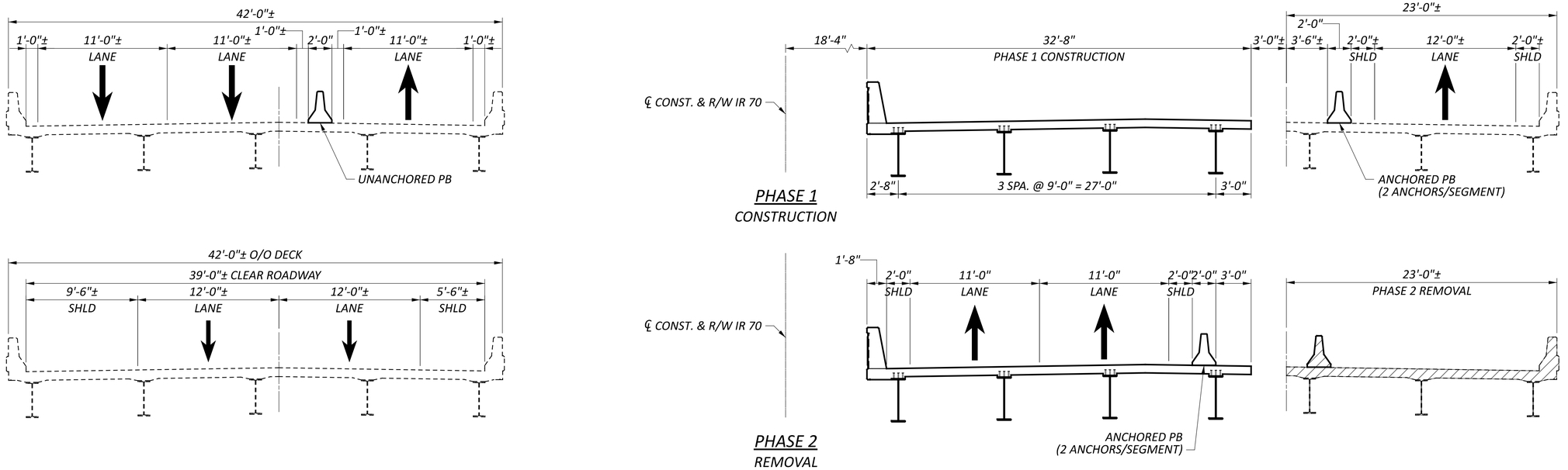


EXISTING BRIDGE SECTION



PHASE 1
REMOVAL



PHASE 1
CONSTRUCTION

PHASE 2
REMOVAL

CONSTRUCTION SEQUENCE

PHASE 1:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF EX. STRUCTURE. PROVIDE TEMPORARY SHORING TO ACCOMMODATE REMOVAL.
3. CONSTRUCT PORTION OF EB STRUCTURE INCLUDING PORTION OF MSE WALL AND WIRE FACE WALL.

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE REMAINING PORTION OF EX. EB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF EX. EB STRUCTURE AND MSE WALL, OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. CONSTRUCT DECKS AND DIAPHRAGM CLOSURE POUR.

LEGEND:

LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 6 | TOTAL 33
SHEET P.1680 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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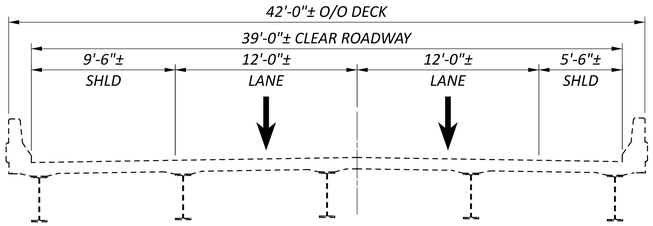

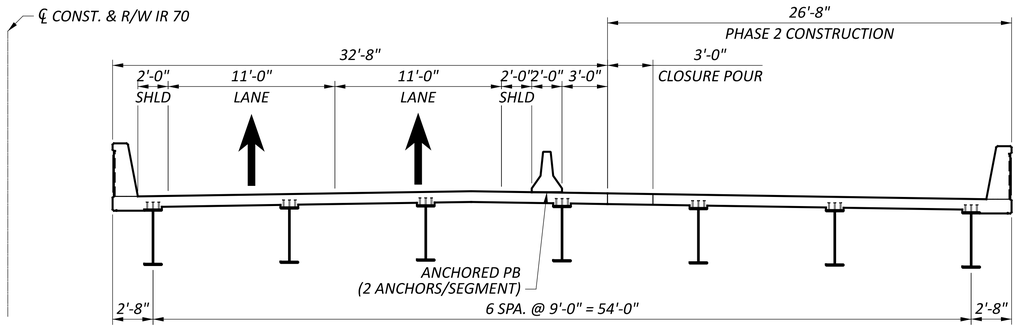

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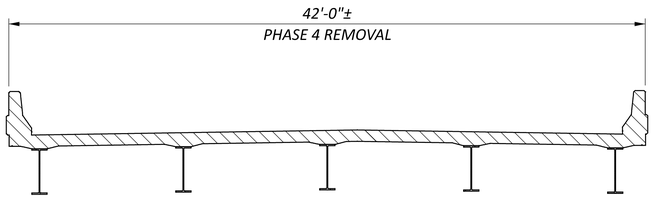
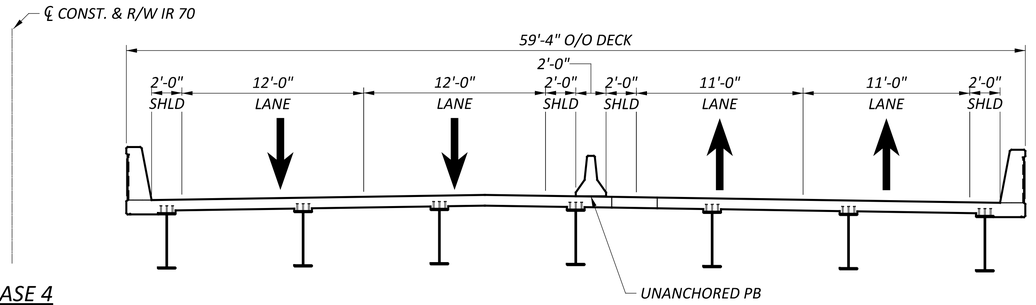
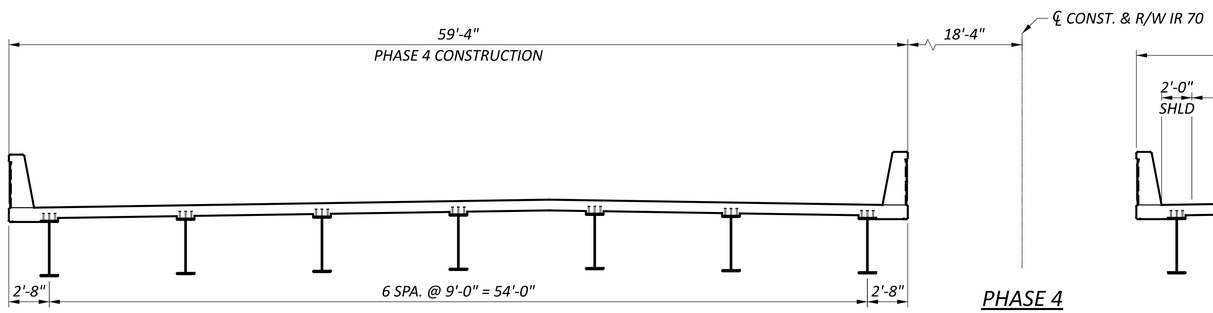
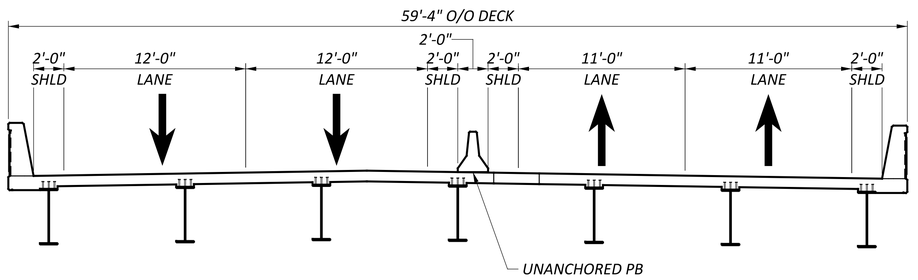
CONSTRUCTION





PHASE 4
REMOVAL





PHASE 4
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE WB STRUCTURE.
3. CONSTRUCT WB STRUCTURE AND REMAINING PORTION OF MSE WALL.

LEGEND:

LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	7
TOTAL	33
SHEET	P.1681
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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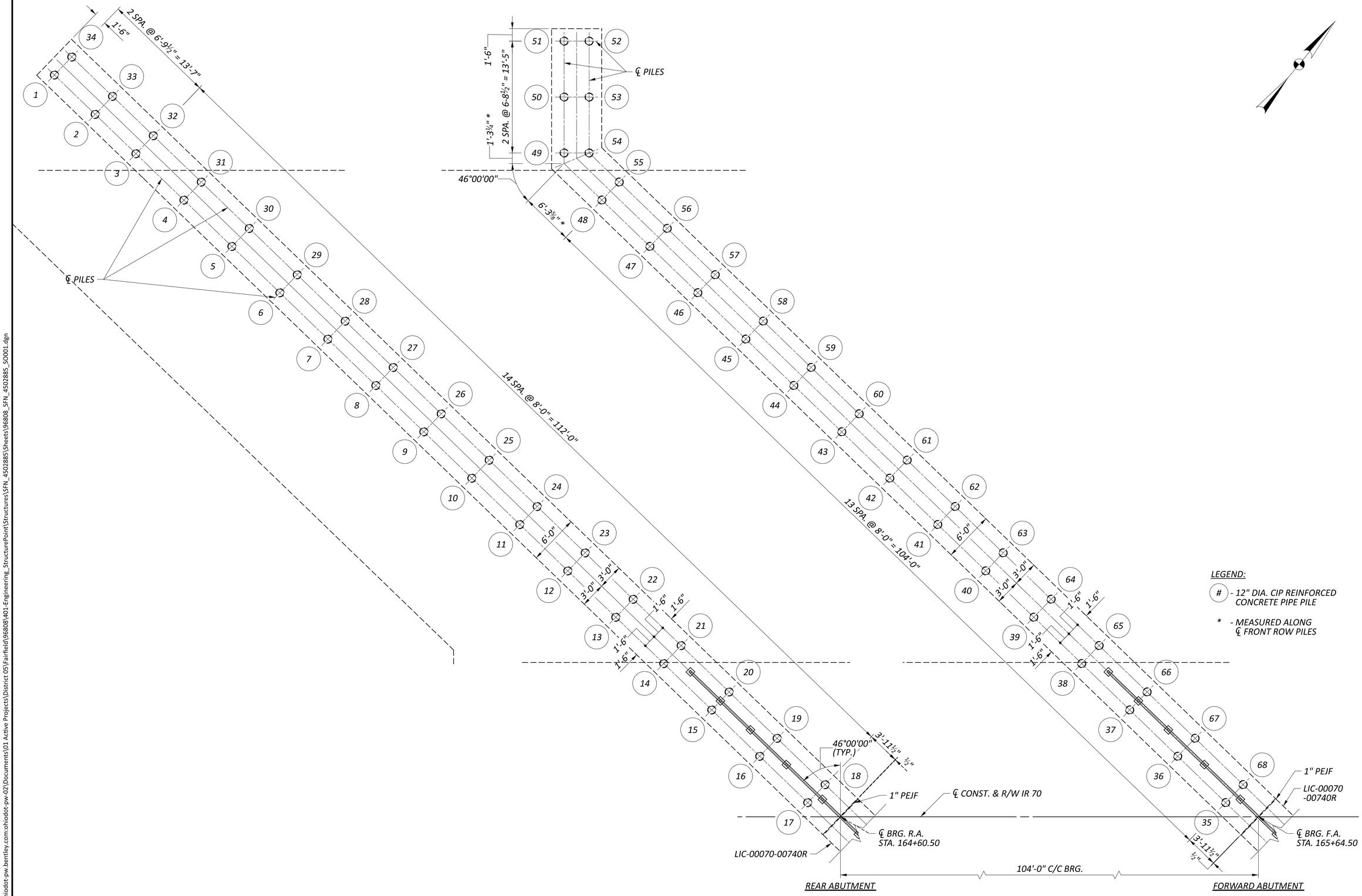

FOUNDATION PLAN

FOUNDATION PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	8
TOTAL	33
SHEET	P.1682
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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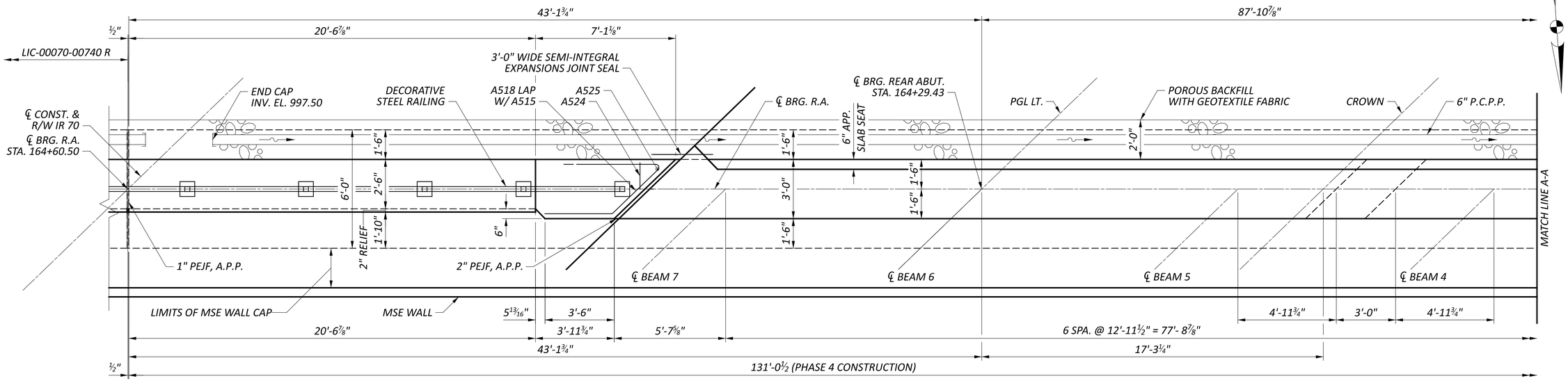
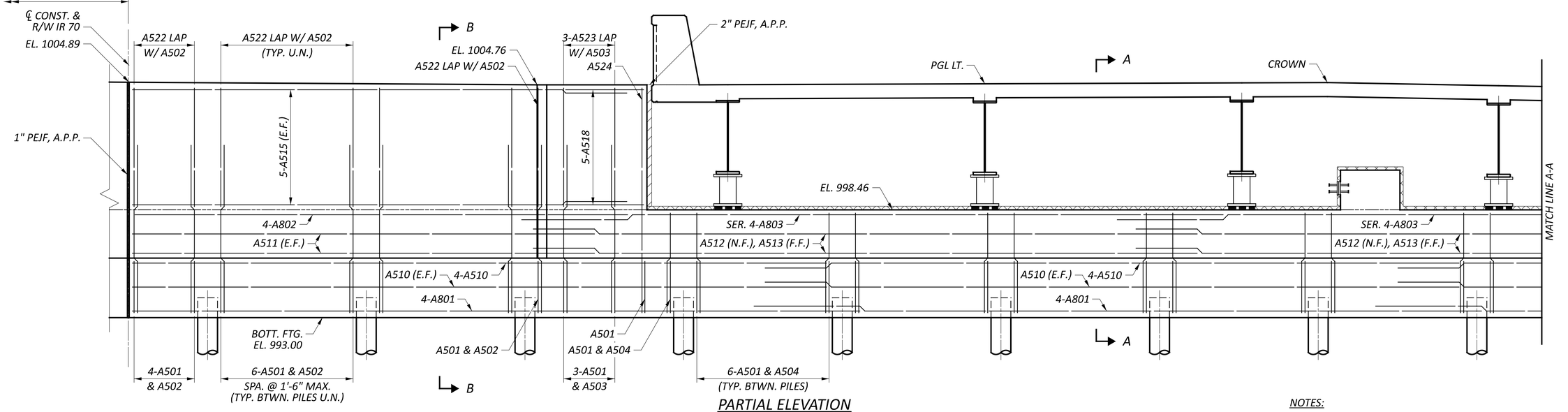


PARTIAL PLAN



PARTIAL ELEVATION

(FENCING NOT SHOWN FOR CLARITY)

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/33.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/33.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 22/33 AND 24/33.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 13/33.
5. FOR MATCH LINE A-A, SEE SHEET 10/33.
6. FOR ADDITIONAL FENCING DETAILS, SEE SHEET 29/33.

REAR ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 L

IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT

DESIGNER PEG | CHECKER ABD

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET 9 | TOTAL 33

SHEET P.1683 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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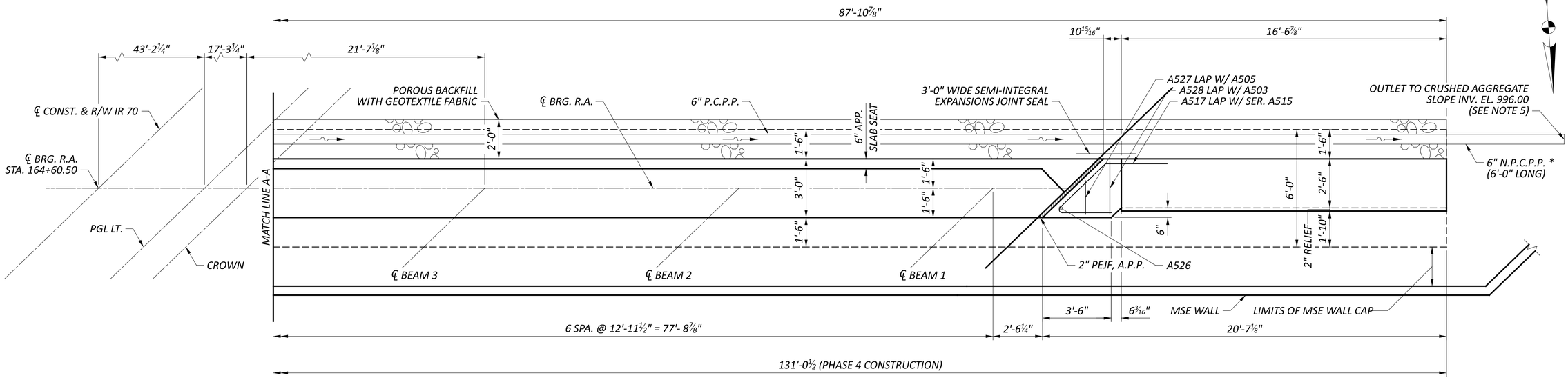
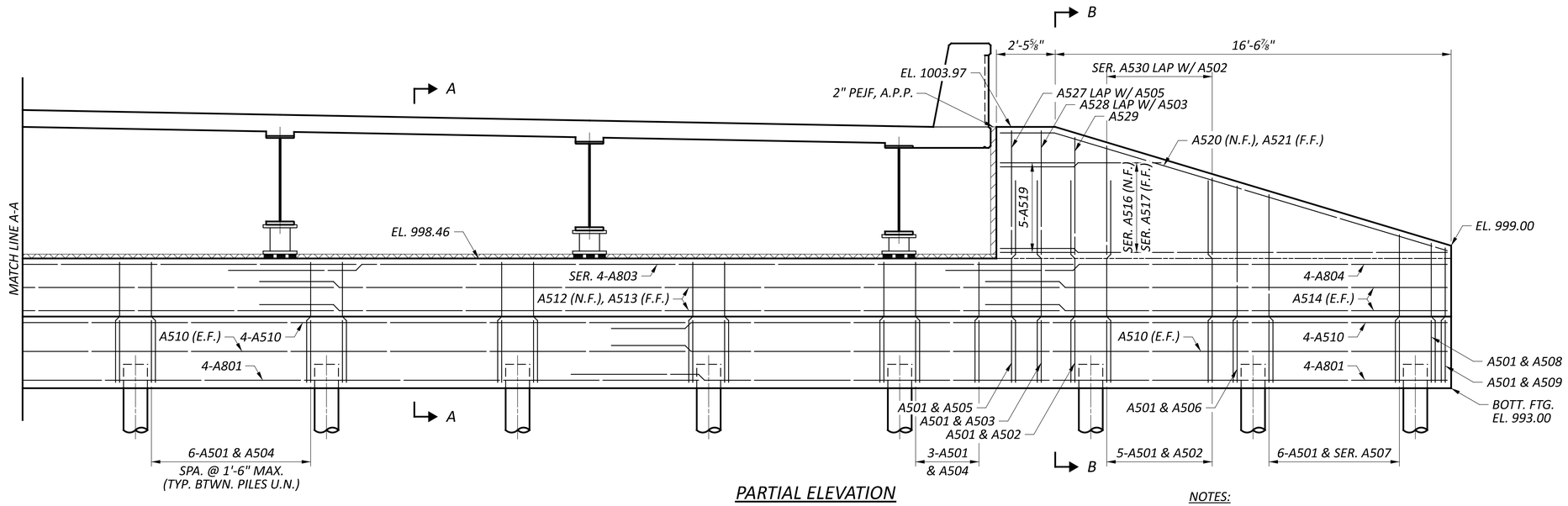


PARTIAL PLAN



PARTIAL ELEVATION

LEGEND

* - SLOPE 1/8" PER FOOT TOWARD OUTLET

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/33.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 22/33 AND 24/33.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 13/33.
4. FOR MATCH LINE A-A, SEE SHEET 9/33.
5. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION (1' THICK, 4' DIAMETER CENTERED ON END OF PIPE) INCLUDED WITH ITEM 518 - 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS.

REAR ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	10
TOTAL	33
SHEET	P.1684
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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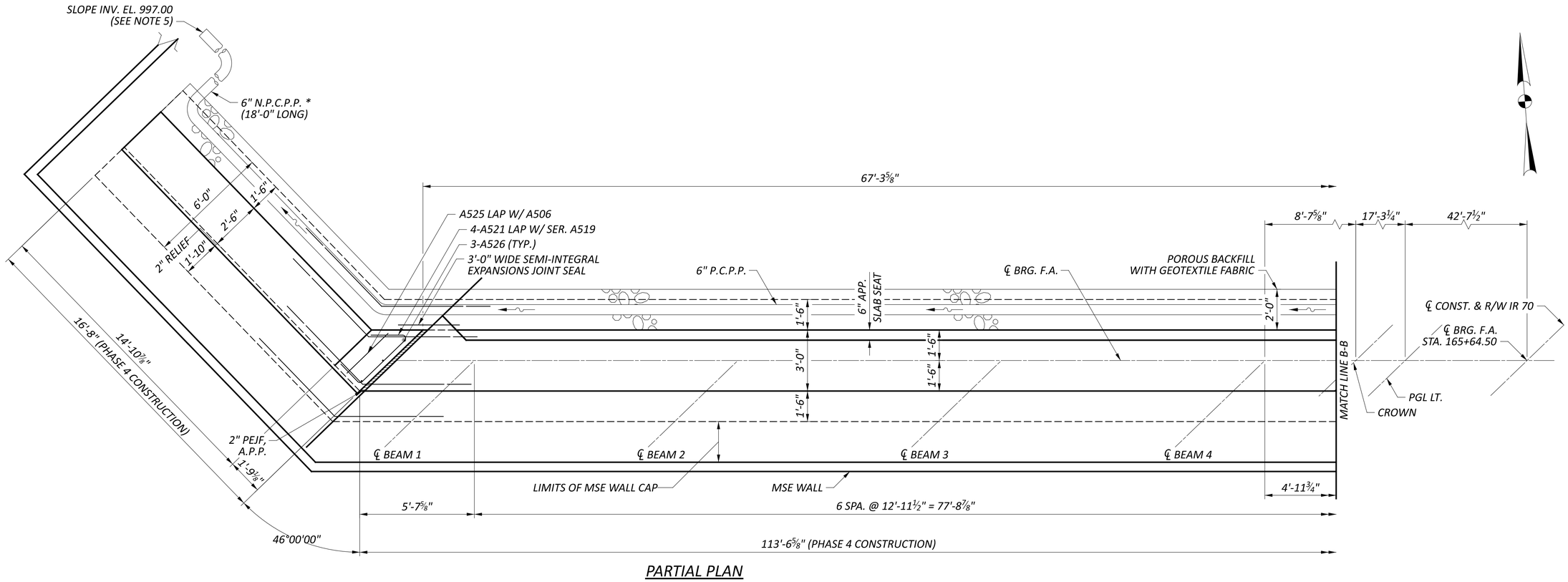
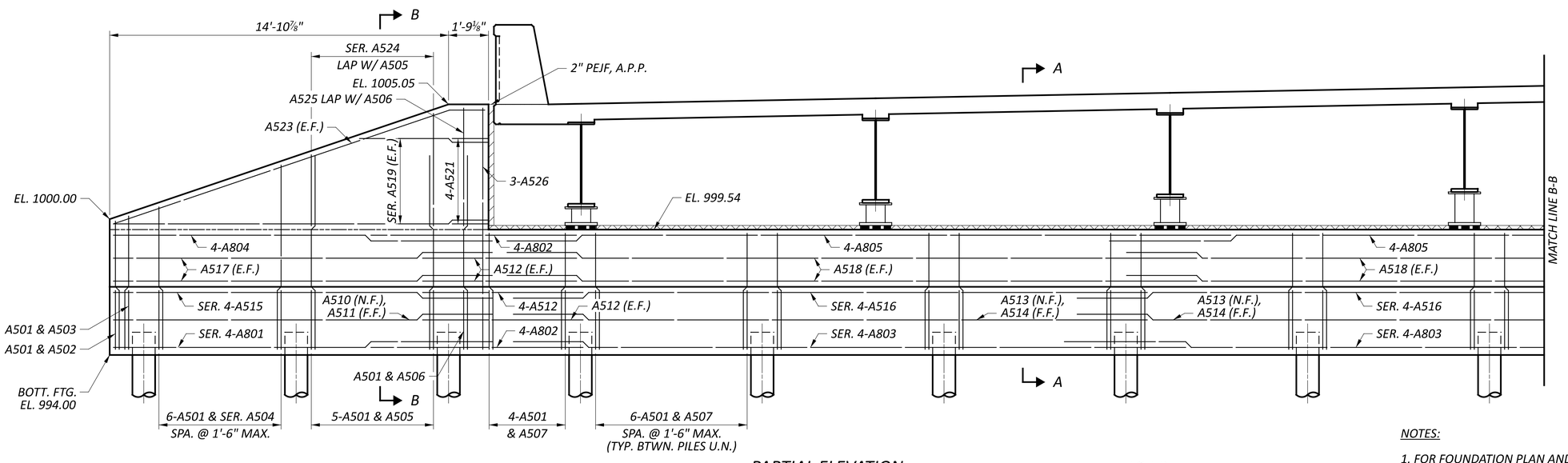


PARTIAL PLAN



PARTIAL ELEVATION

LEGEND

* - SLOPE 1/8" PER FOOT TOWARD OUTLET

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/33.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 23/33 AND 24/33.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 13/33.
4. FOR MATCH LINE B-B, SEE SHEET 12/33.
5. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION (1' THICK, 4' DIAMETER CENTERED ON END OF PIPE) INCLUDED WITH ITEM 518 - 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS.

FORWARD ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	11
TOTAL	33
SHEET	P.1685
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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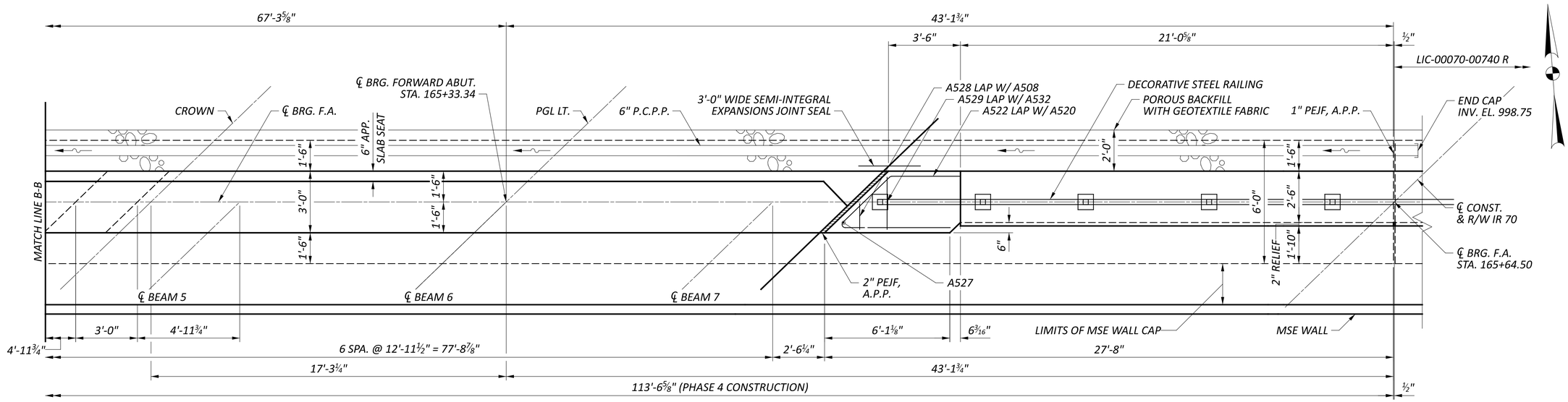
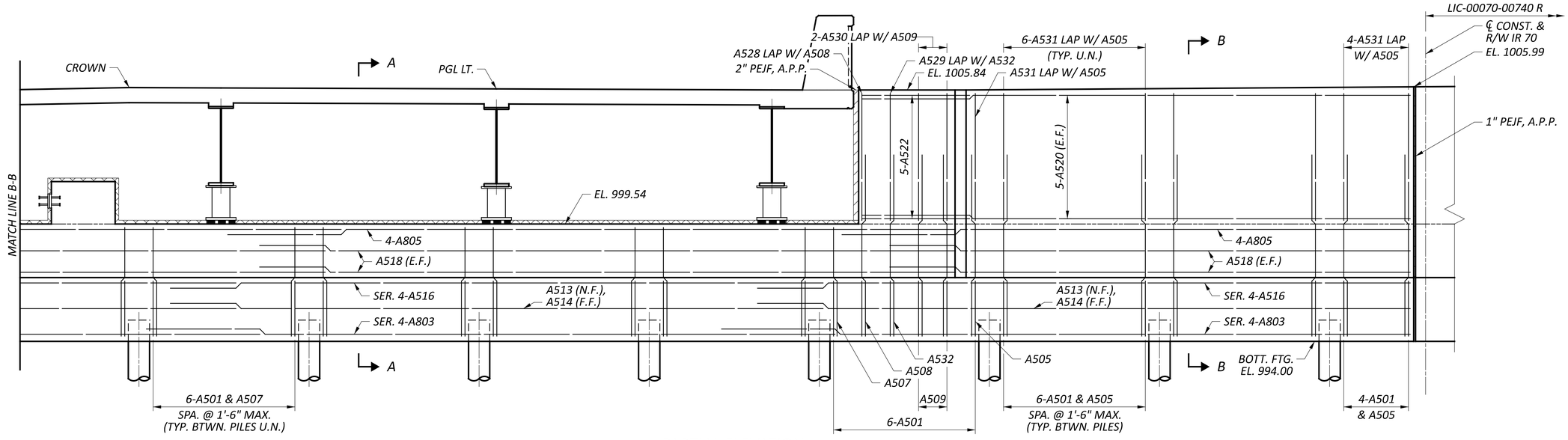


PARTIAL PLAN



PARTIAL ELEVATION

(FENCING NOT SHOWN FOR CLARITY)

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 8/33.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/33.
3. FOR DIAPHRAGM DETAILS, SEE SHEET 23/33 AND 24/33.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 13/33.
5. FOR MATCH LINE B-B, SEE SHEET 11/33.
6. FOR ADDITIONAL FENCING DETAILS, SEE SHEET 30/33.

FORWARD ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	CHECKER
PEG	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
12	33

SHEET	TOTAL
P.1686	P.2024

FAI/LIC-70-0.00/0.00

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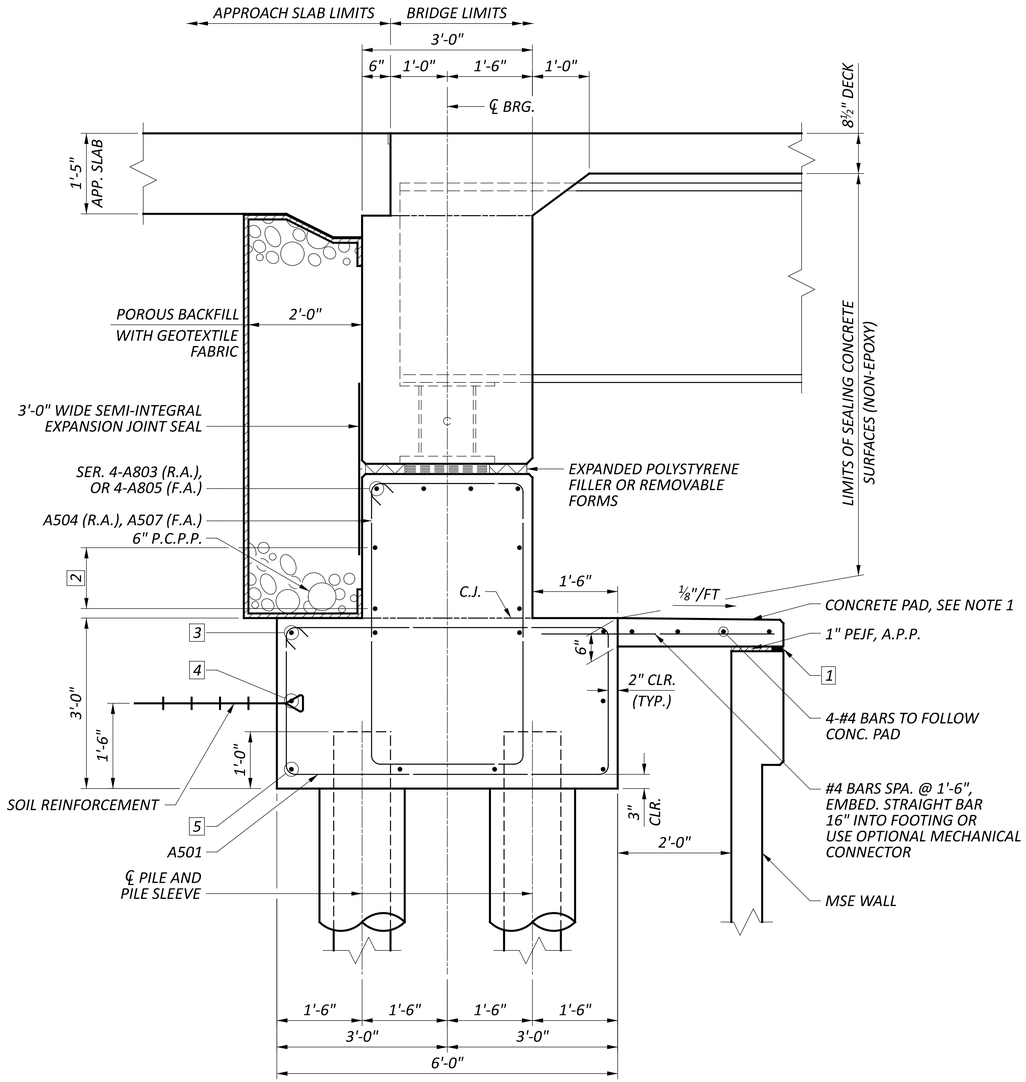
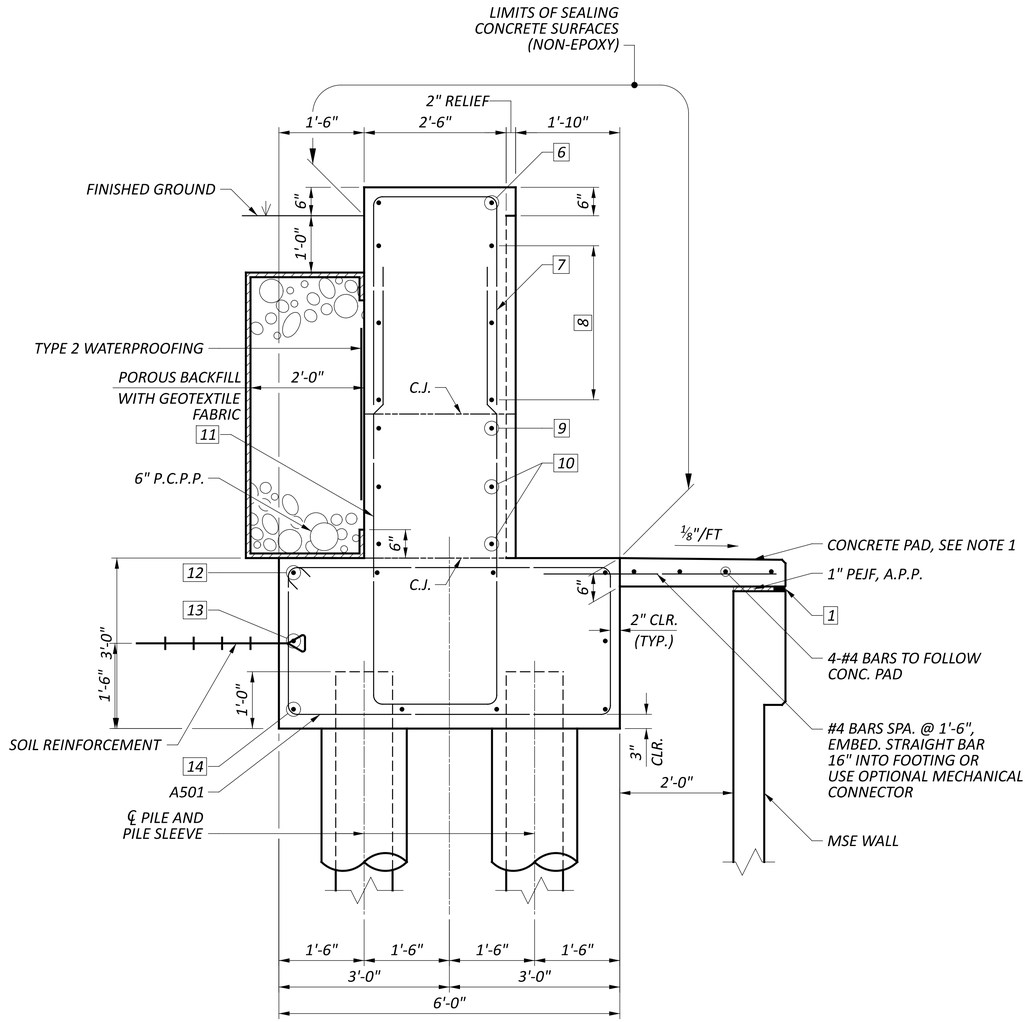


SECTION A-A



SECTION B-B

NOTES:

1. FOR ADDITIONAL CONCRETE PAD INFORMATION, SEE MSE WALL DETAILS.

LEGEND:

1 - *1/2" DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL, OVER 1" PEJF A.P.P. (IN ACCORDANCE WITH ARTICLE 705.03)*

2 - *2-A512 (F.F.), 2-A513 (N.F.) (R.A.) OR A518 (E.F.) (F.A.)*

3 - *4-A510 (R.A.), OR SER. 4-A516 (F.A.)*

4 - *A510 (E.F.) (R.A.), OR A513 (F.F.), A514 (N.F.) (F.A.)*

5 - *4-A801 (R.A.) OR SER. 4-A803 (F.A.)*

6 - *A515 (E.F.), A520 (N.F.), A521 (F.F.) (R.A.), OR A523 (E.F.), A520 (E.F.) (F.A.)*

7 - *A522, A523, A527, A528, A529, SER. A530 (R.A.), OR SER. A524, A525, A528 THRU A531 (F.A.)*

8 - *A515 (E.F.), SER. A516 (F.F.), A517 (N.F.) (R.A.), OR SER. A519 (E.F.), A520 (E.F.) (F.A.)*

9 - *4-A802, 4-A804 (R.A.), OR 4-A804, 4-A805 (F.A.)*

10 - *A511 (E.F.), A514 (E.F.) (R.A.), OR A517 (E.F.), A518 (E.F.) (F.A.)*

11 - *A502, A503, A505, A506 (R.A.) OR A505, A506, A508, A509, A532 (F.A.)*

8 - *A515 (E.F.), SER. A516 (F.F.), A517 (N.F.) (R.A.), OR SER. A519 (E.F.), A520 (E.F.) (F.A.)*

9 - *4-A802, 4-A804 (R.A.), OR 4-A804, 4-A805 (F.A.)*

10 - *A511 (E.F.), A514 (E.F.) (R.A.), OR A517 (E.F.), A518 (E.F.) (F.A.)*

11 - *A502, A503, A505, A506 (R.A.) OR A505, A506, A508, A509, A532 (F.A.)*

12 - *4-A510 (R.A.), OR SER. 4-A515, SER. 4-A516 (F.A.)*

13 - *A510 (E.F.) (R.A.), OR A513 (F.F.), A514 (N.F.) (F.A.)*

14 - *4-A801, SER. 4-A805 (R.A.), OR SER. 4-A801, SER. 4-A803 (F.A.)*

ABUTMENT DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	13
TOTAL	33
SHEET	P.1687
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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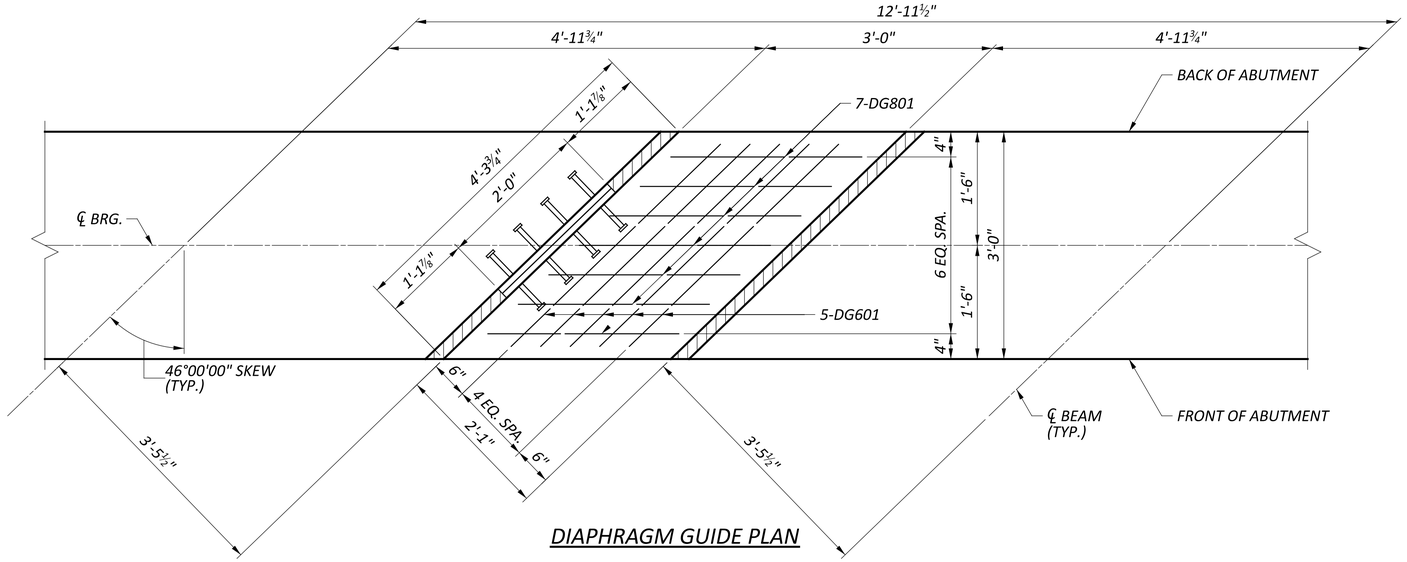
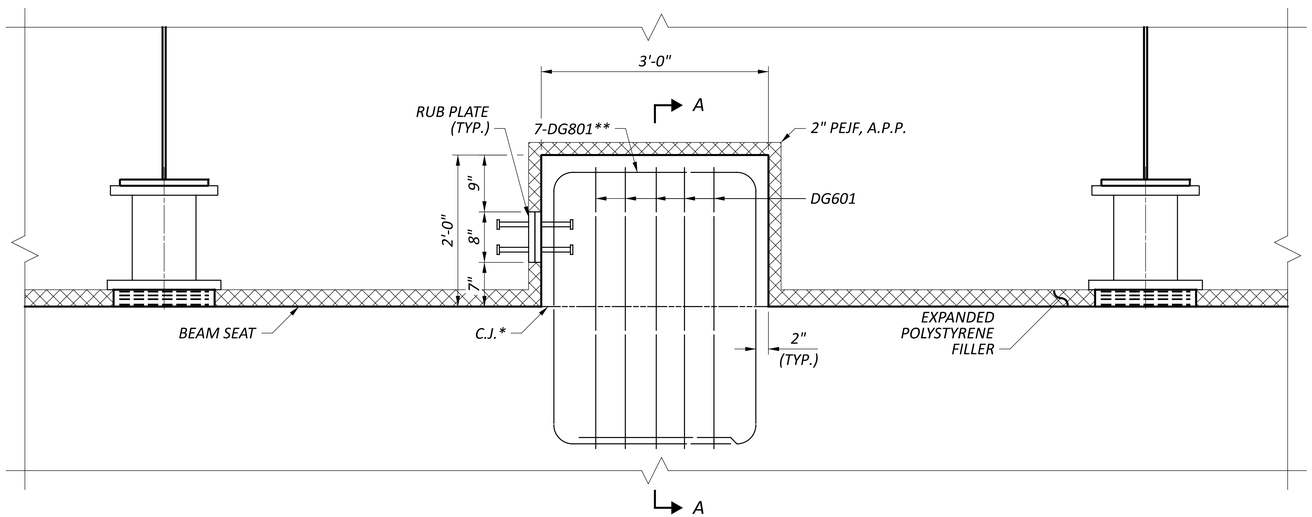
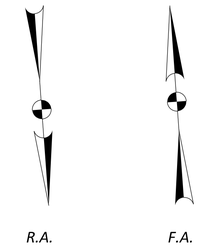
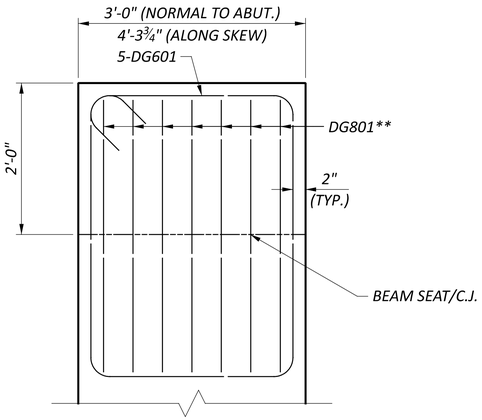


DIAPHRAGM GUIDE PLAN



DIAPHRAGM GUIDE ELEVATION





SECTION A-A

LEGEND:

* - *FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEEP.*

** - *PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.*

NOTES:

1. *FOR ADDITIONAL DIAPHRAGM GUIDE DETAILS, SEE STANDARD DRAWING SICD-2-14.*
2. *FOR DIAPHRAGM GUIDE LOCATIONS, SEE SHEETS 9/33 THRU 12/33.*
3. *FOR DIAPHRAGM DETAILS, SEE SHEETS 22/33 THRU 24/33.*

ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	14
TOTAL	33
SHEET	P.1688
TOTAL	P.2024

FAI/LIC-70-0.00/0.00
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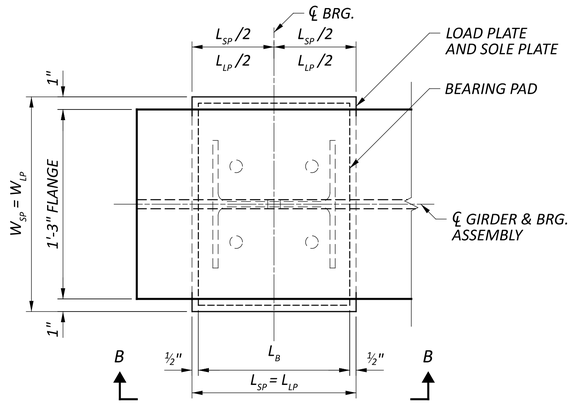
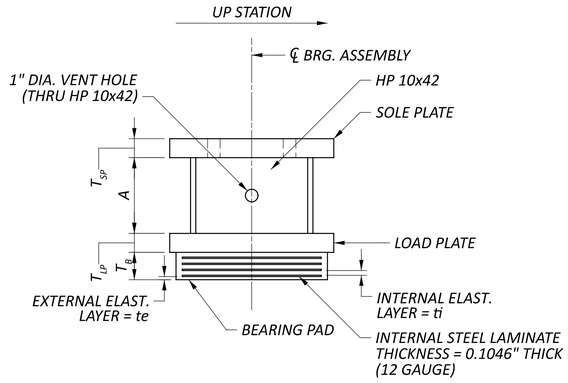
BEARING SCHEDULE										
LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L_B x W_B x T_B	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L_{LP} x W_{LP} x T_{LP}	STEEL SOLE PLATE L_{SP} x W_{SP} x T_{SP}
REAR ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"
FWD. ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	130.4	130.4
LIVE LOAD	51.1	51.1
TOTAL LOAD	181.5	181.5

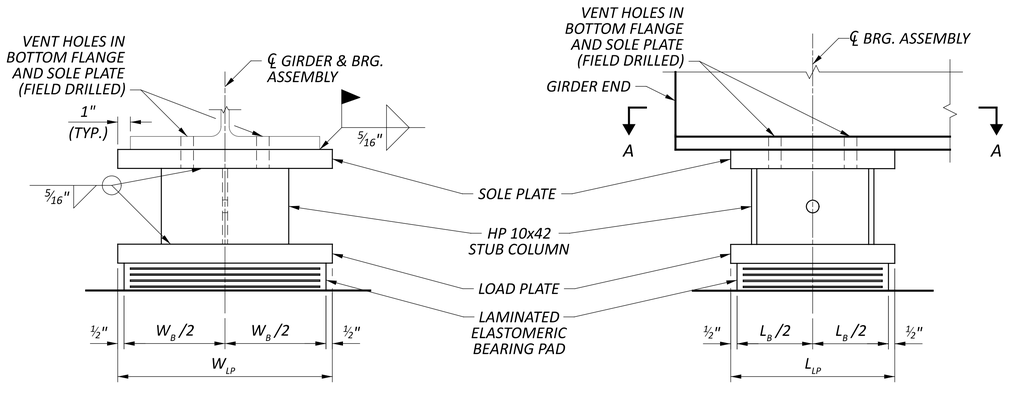


SECTION A-A



SECTION B-B

HP HEIGHT (INCH)	
GIRDER	A
1	6"
2	8 7/8"
3	11 13/16"
4	14 11/16"
5	16 7/16"
6	15 13/16"
7	15 5/16"



EXPANSION BEARINGS

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES, AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 15 | TOTAL 33
SHEET P.1689 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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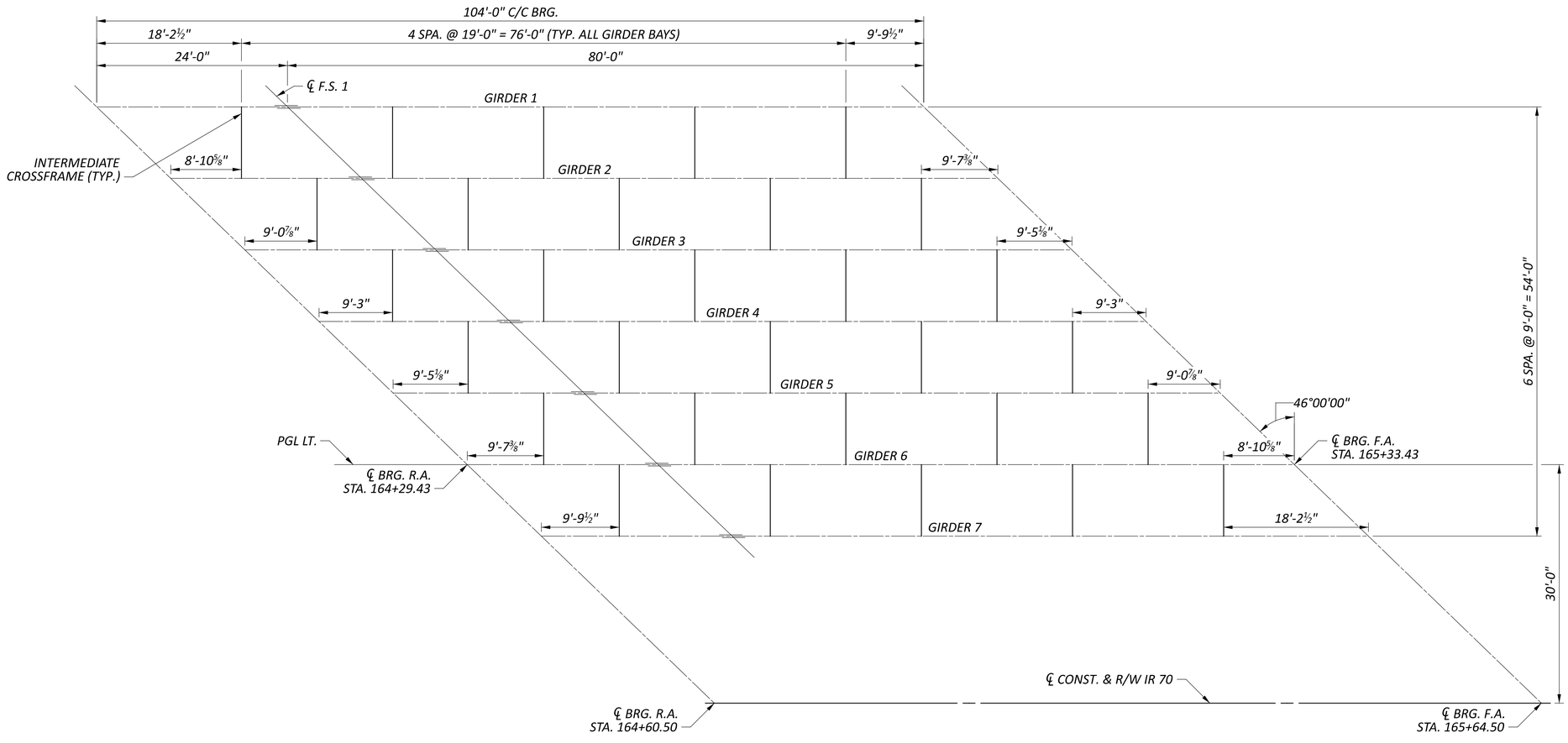

FRAMING PLAN

NOTES:

1. FOR GIRDER DETAILS, SEE SHEETS 17/33 THRU 19/33.
2. FOR TRANSVERSE SECTION, SEE SHEET 20/33.

FRAMING PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

FAI/LIC-70-0.00/0.00

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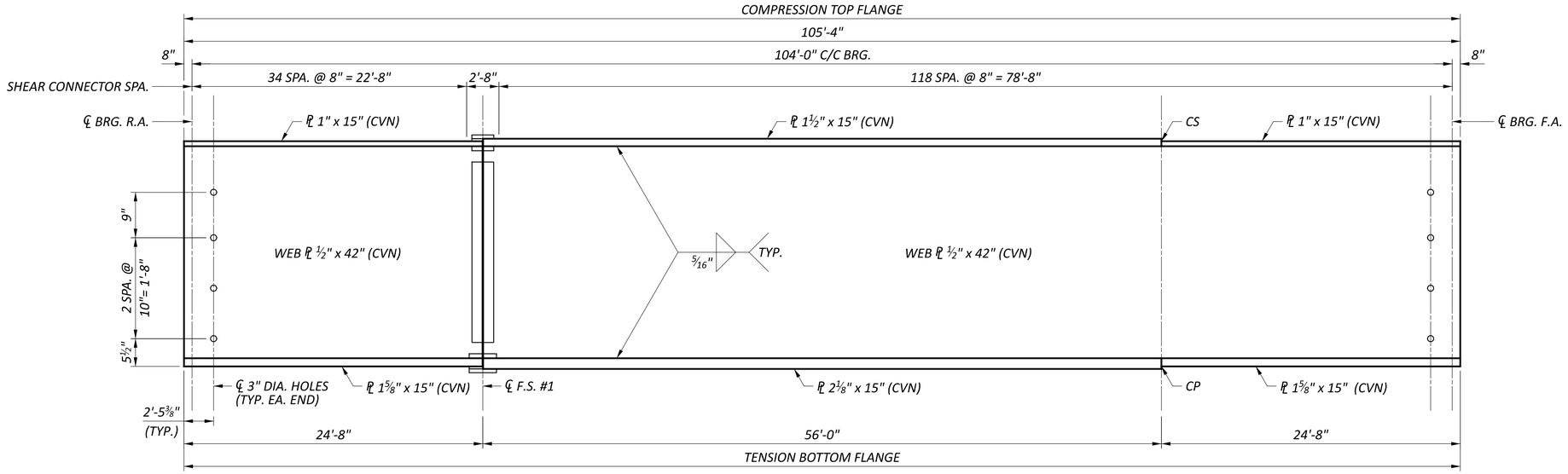
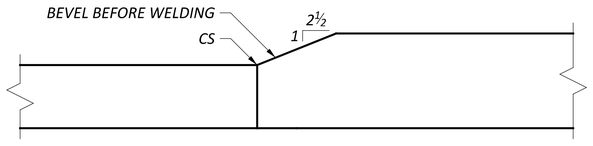
SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	16
TOTAL	33
SHEET	P.1690
TOTAL	P.2024

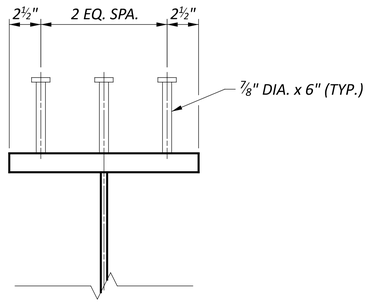


TYPICAL GIRDER ELEVATION



FLANGE WELD DETAIL

(TOP FLANGE SHOWN, BOTTOM SIMILAR)



TYPICAL SHEAR CONNECTOR DETAIL

LEGEND:

CS - INDICATES BUTT WELD SUBJECT TO COMPRESSION STRESSES ONLY

CP - INDICATES COMPLETE JOINT PENETRATION WELD

NOTES:

1. *FOR FRAMING PLAN, SEE SHEET 16/33.*
2. *FOR ADDITIONAL GIRDER DETAILS, SEE SHEETS 18/33 AND 19/33.*
3. *ALL STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50, YIELD STRENGTH 50 KSI.*
4. *ALL FLANGE AND WEB PLATES, INCLUDING FIELD SPLICE PLATES, CROSS FRAME MEMBERS, AND CROSS FRAME CONNECTION STIFFENERS, SHALL BE DESIGNATED "CVN".*
5. *WHERE A SHAPE OR PLATE IS DESIGNATED "CVN", FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENT AS SPECIFIED IN CMS 711.01.*
6. *ALL BOLTED CONNECTIONS SHALL BE SLIP CRITICAL USING 7/8" DIAMETER A325 GALVANIZED TYPE 1 BOLTS, UNLESS OTHERWISE NOTED. HOLES IN CROSSFRAME CONNECTIONS MAY BE OVERSIZED AT 15/16" DIAMETER IN ONE PLY ONLY.*
7. *AT ALL FIELD SPLICES, BOLT HEADS SHALL BE PLACED ON THE OUTSIDE FACE OF THE EXTERIOR BEAMS, ON THE BOTTOM OF THE BOTTOM FLANGE SPLICE PLATES, AND ON THE TOP OF THE TOP FLANGE SPLICE PLATES.*
8. *GIRDERS AND CROSS FRAMES SHALL BE FABRICATED SUCH THAT WEBS ARE PLUMB UNDER THE STEEL DEAD LOAD CONDITION.*
9. *GIRDER ENDS AT THE ABUTMENTS SHALL BE VERTICAL (PARALLEL TO ABUTMENT FACE) UNDER FULL DEAD LOAD ROTATION.*
10. *FOR STEEL ERECTION, TWO OR MORE GIRDERS MUST BE ERECTED AND FULLY BRACED BEFORE SUSPENDING OPERATIONS. GIRDERS SHALL BE TEMPORARILY ANCHORED, BRACED OR OTHERWISE SUPPORTED TO MAINTAIN STABILITY UNTIL THE CROSSFRAMES ARE CONNECTED.*
11. *COMPLETE JOINT PENETRATION WELDS SHALL BE GROUND SMOOTH IN LONGITUDINAL DIRECTION TO REMOVE WELD REINFORCEMENT.*

GIRDER DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	17
TOTAL	33
SHEET	P.1691
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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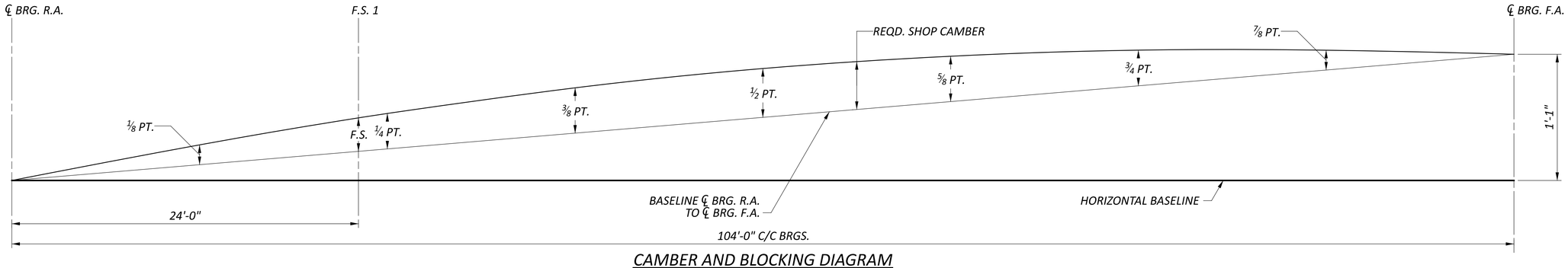
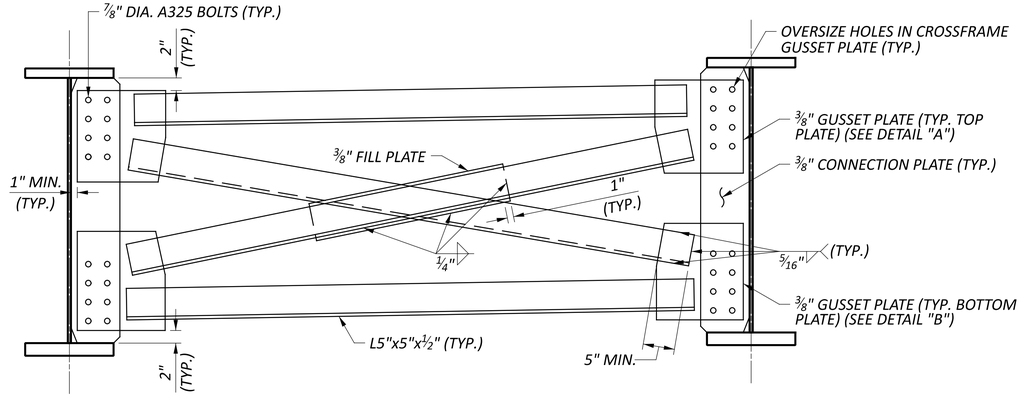
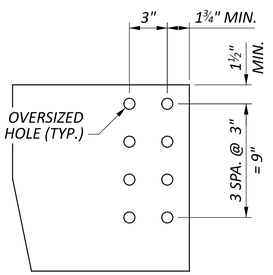
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE										
	℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/8"	5/8"	5/8"	13/16"	7/8"	13/16"	5/8"	3/8"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	1 11/16"	2 7/8"	3 1/16"	3 7/8"	4 3/16"	3 7/8"	3 1/16"	1 11/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	2 1/16"	3 1/2"	3 11/16"	4 11/16"	5 1/16"	4 11/16"	3 11/16"	2 1/16"	0"



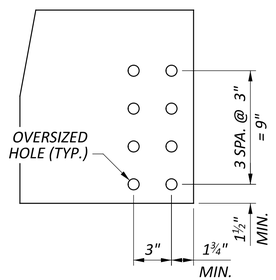
CAMBER AND BLOCKING DIAGRAM



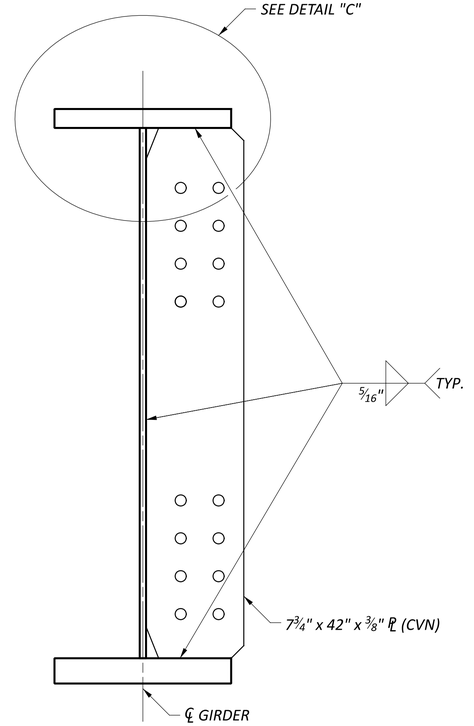
TYPICAL INTERMEDIATE CROSSFRAME



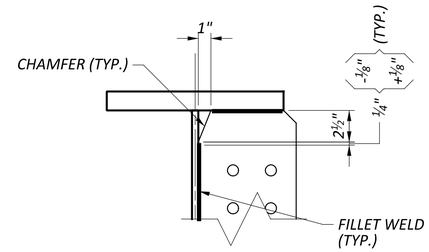
DETAIL "A"



DETAIL "B"



CROSSFRAME CONNECTION PLATE



DETAIL "C"

WELD AND CLIP DETAIL

NOTES:

1. FOR FRAMING PLAN, SEE SHEET 16/33.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 17/33.
3. FOR ADDITIONAL INTERMEDIATE CROSSFRAME DETAILS, SEE STANDARD DRAWING GSD-1-19.

GIRDER DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER JCS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 18 | TOTAL 33
SHEET P.1692 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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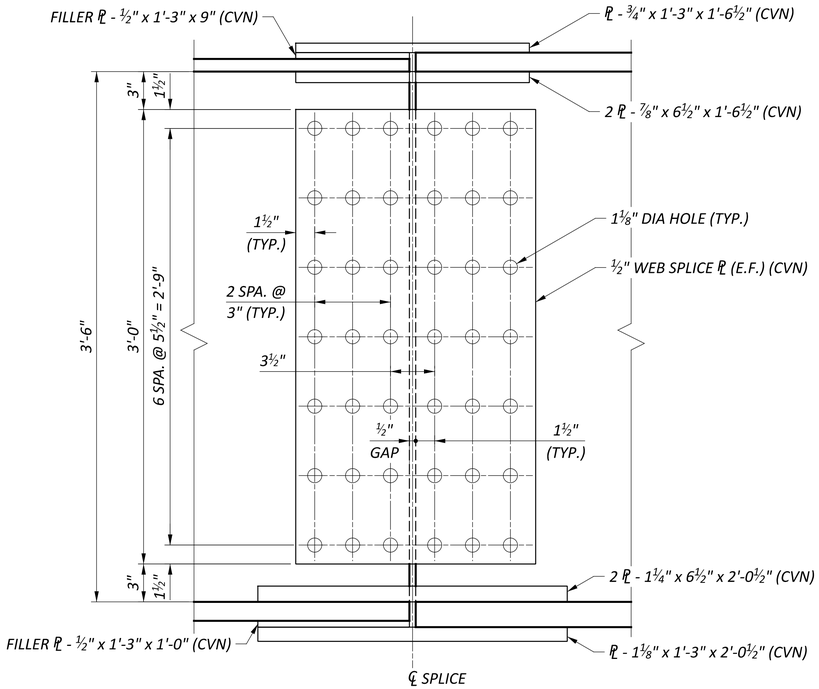
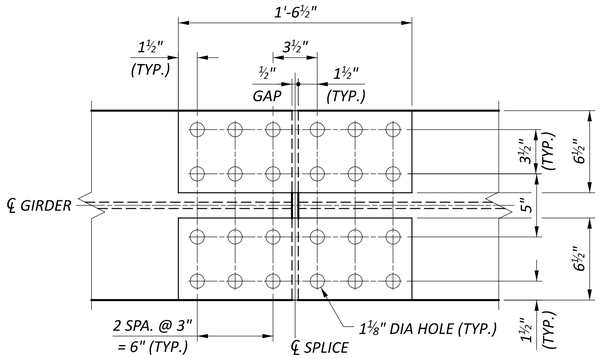
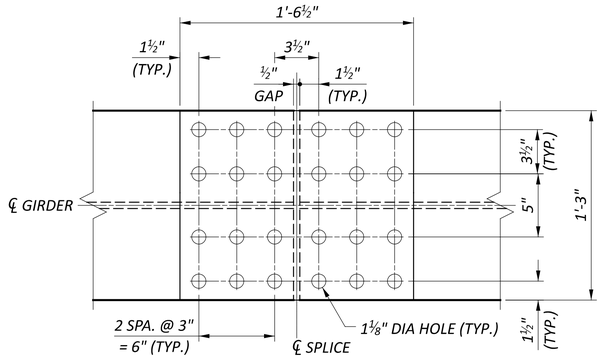


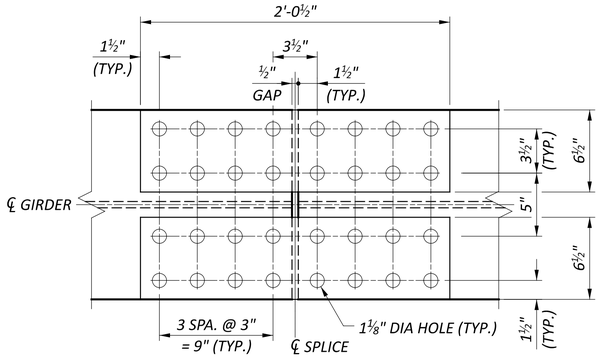
WEB PLATE



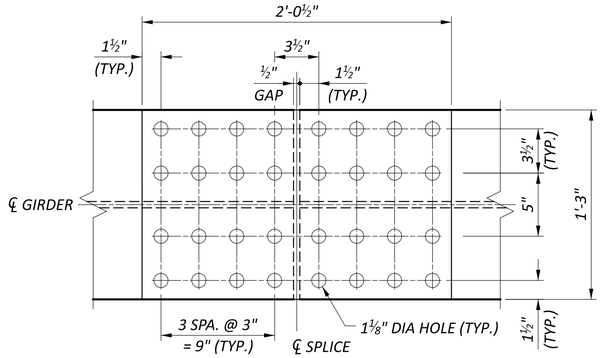
TOP FLANGE INNER PLATES



TOP FLANGE OUTER PLATE



TOP FLANGE INNER PLATES



BOTTOM FLANGE OUTER PLATE

NOTES:

1. FOR FRAMING PLAN, SEE SHEET 16/33.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 17/33.
3. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH 1" DIA. ASTM A325 BOLTS.

GIRDER DETAILS - 3
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	19
TOTAL	33
SHEET	P.1693
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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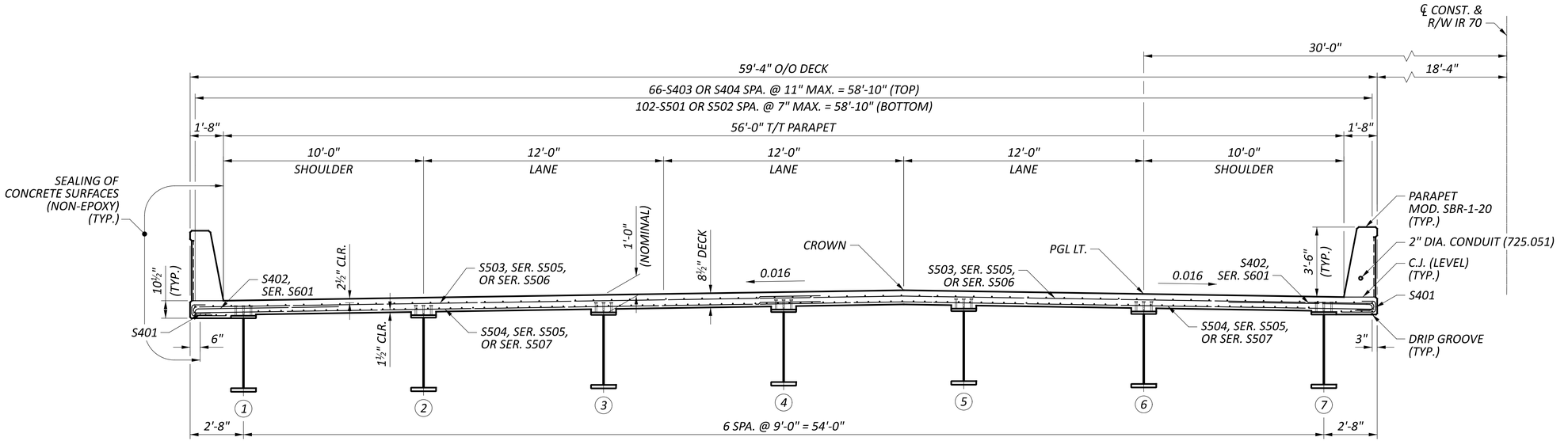

TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

(#) - *PROPOSED GIRDER NUMBER*

NOTES:

1. *FOR DECK PLAN, SEE SHEET 21/33.*
2. *FOR PARAPET DETAILS, SEE SHEET 27/33.*
3. *FOR INTERMEDIATE CROSSFRAME DETAILS, SEE SHEET 18/33.*
4. *THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM/GIRDER HAUNCH. THE ESTIMATE ASSUMES A VARIABLE HAUNCH THICKNESS AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.*
5. *THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.*

TRANSVERSE SECTION
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
ACM	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
20	33

SHEET	TOTAL
P.1694	P.2024

FAI/LIC-70-0.00/0.00

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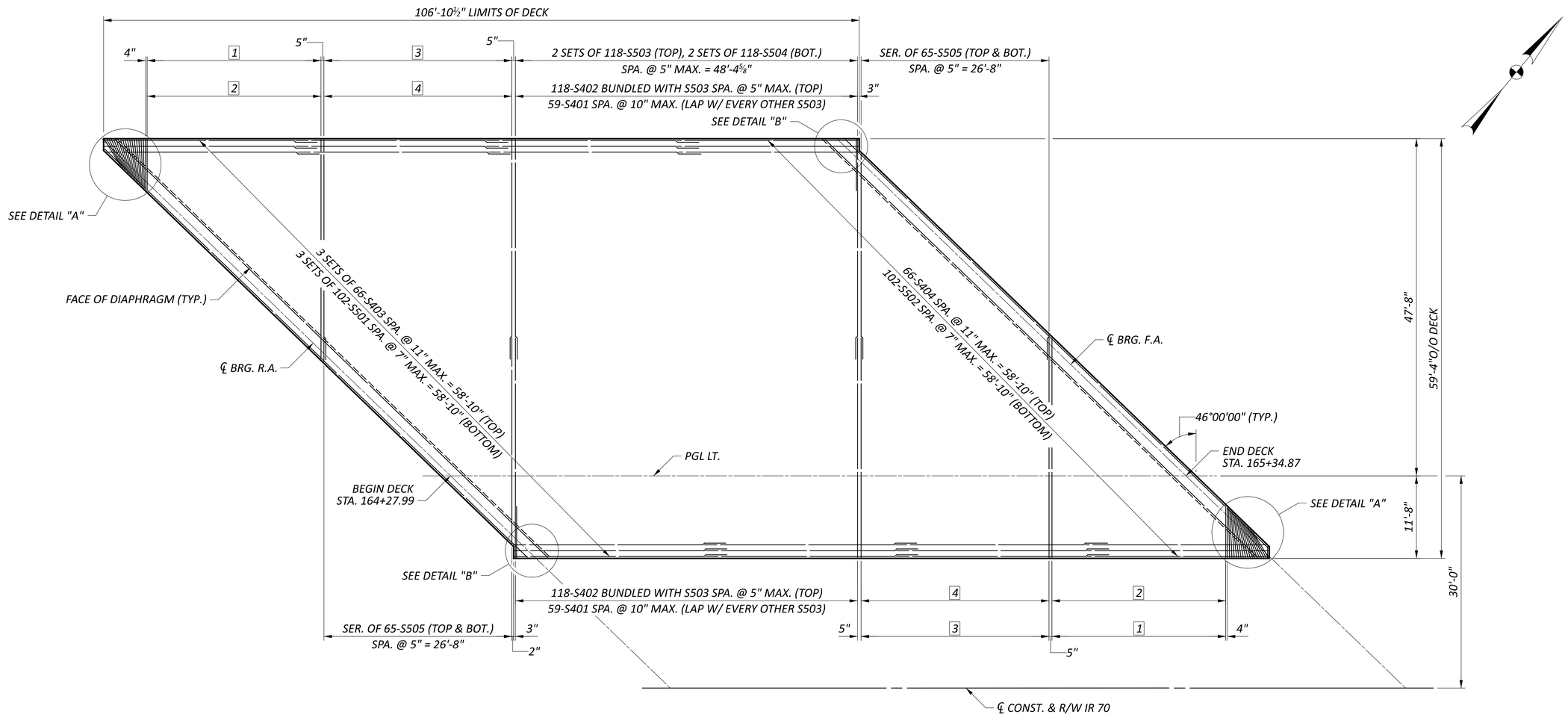
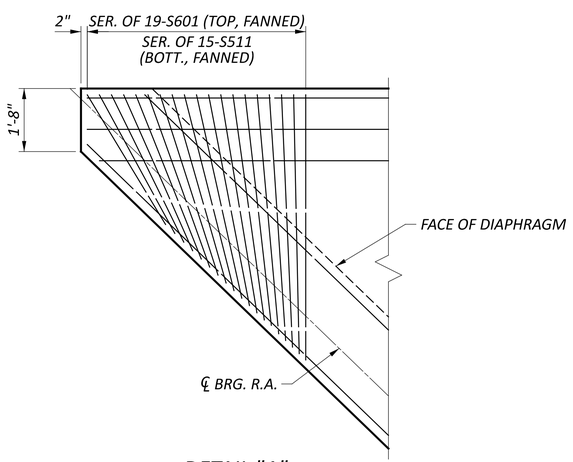
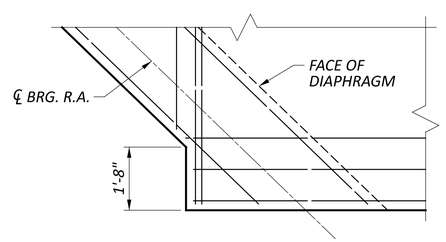


DECK PLAN



DETAIL "A"

(NW CORNER SHOWN, SE CORNER SIMILAR)



DETAIL "B"

(SW CORNER SHOWN, NE CORNER SIMILAR)

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

1 - SER. OF 60-S506 (TOP), SER. OF 60-S507 (BOT.)
SPA. @ 5" = 24'-7"

2 - 60-S402 BUNDLED WITH S506 SPA. @ 5" (TOP)
30-S401 SPA. @ 10" (LAP WITH EVERY OTHER S506)

3 - 65-S503 (TOP), 65-S504 (BOT.)
SPA. @ 5" = 26'-8"

4 - 65-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
33-S401 SPA. @ 10" (LAP WITH EVERY OTHER S503)

NOTES:

1. FOR PARAPET DETAILS, SEE SHEET 27/33.

DECK PLAN
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 21 | TOTAL 33
SHEET P.1695 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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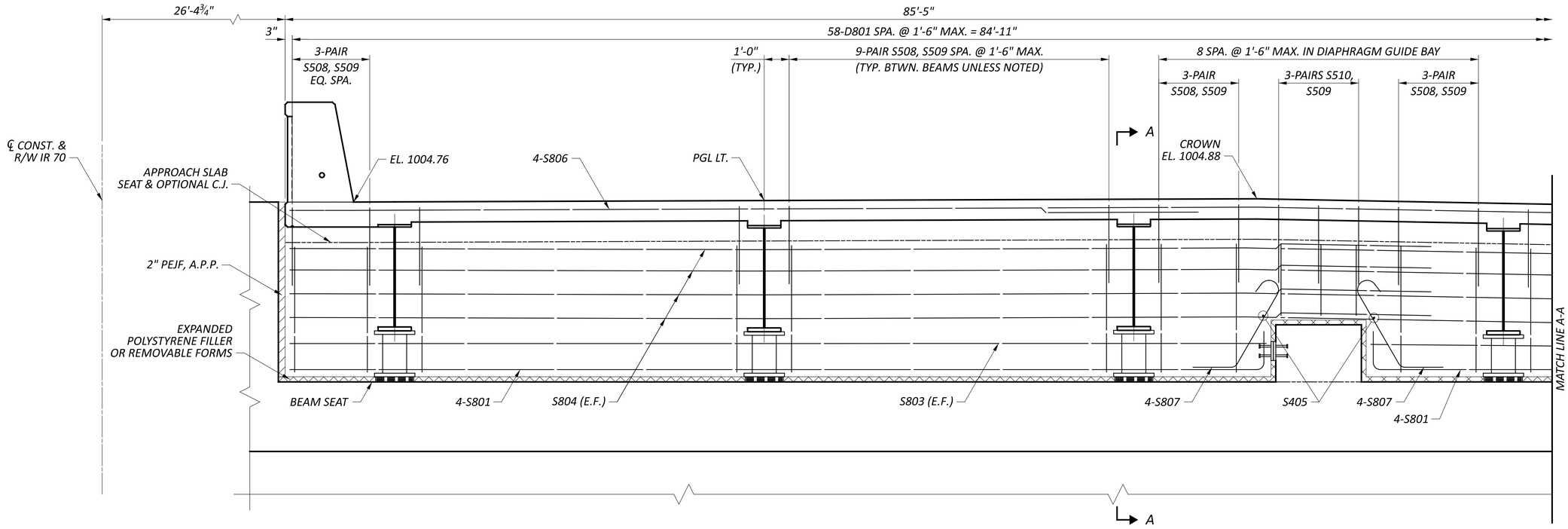
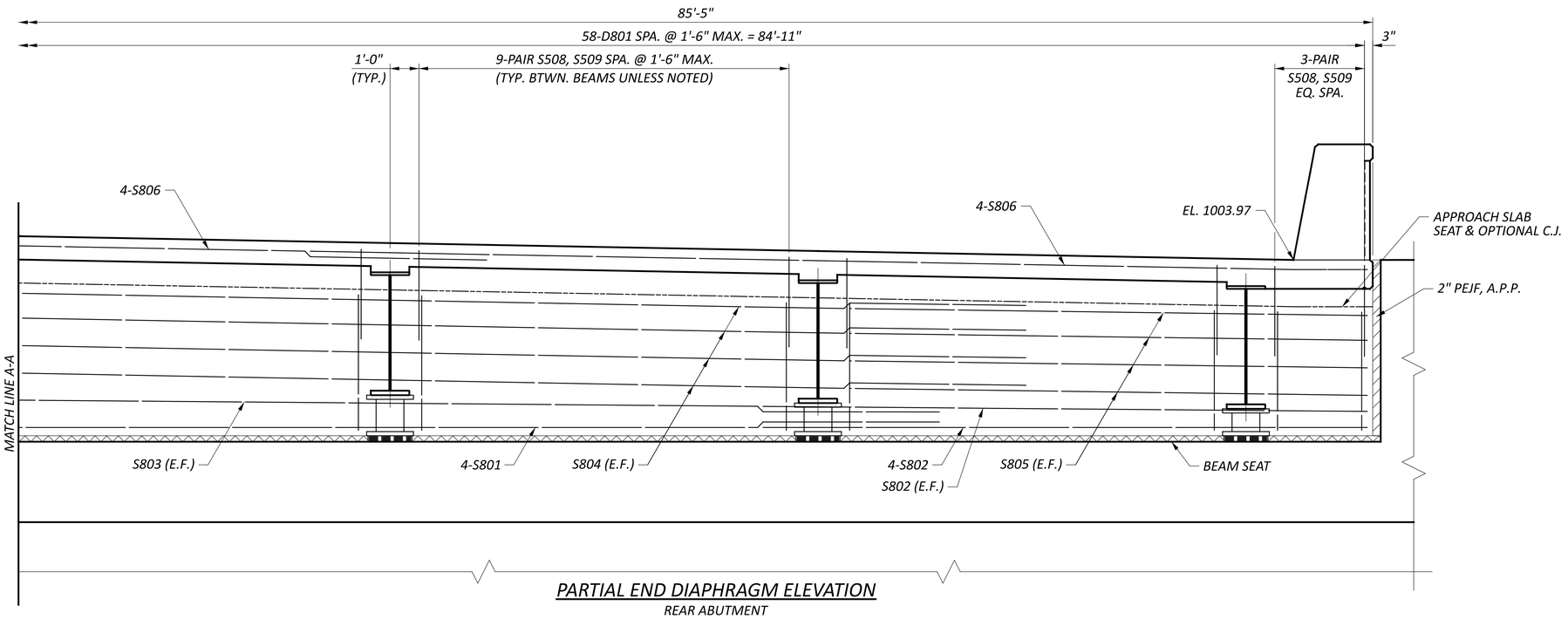


PARTIAL END DIAPHRAGM ELEVATION

REAR ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION

REAR ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A, SEE SHEET 24/33.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/33.

SUPERSTUCTURE DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
22	33

SHEET	TOTAL
P.1696	P.2024

FAI/LIC-70-0.00/0.00

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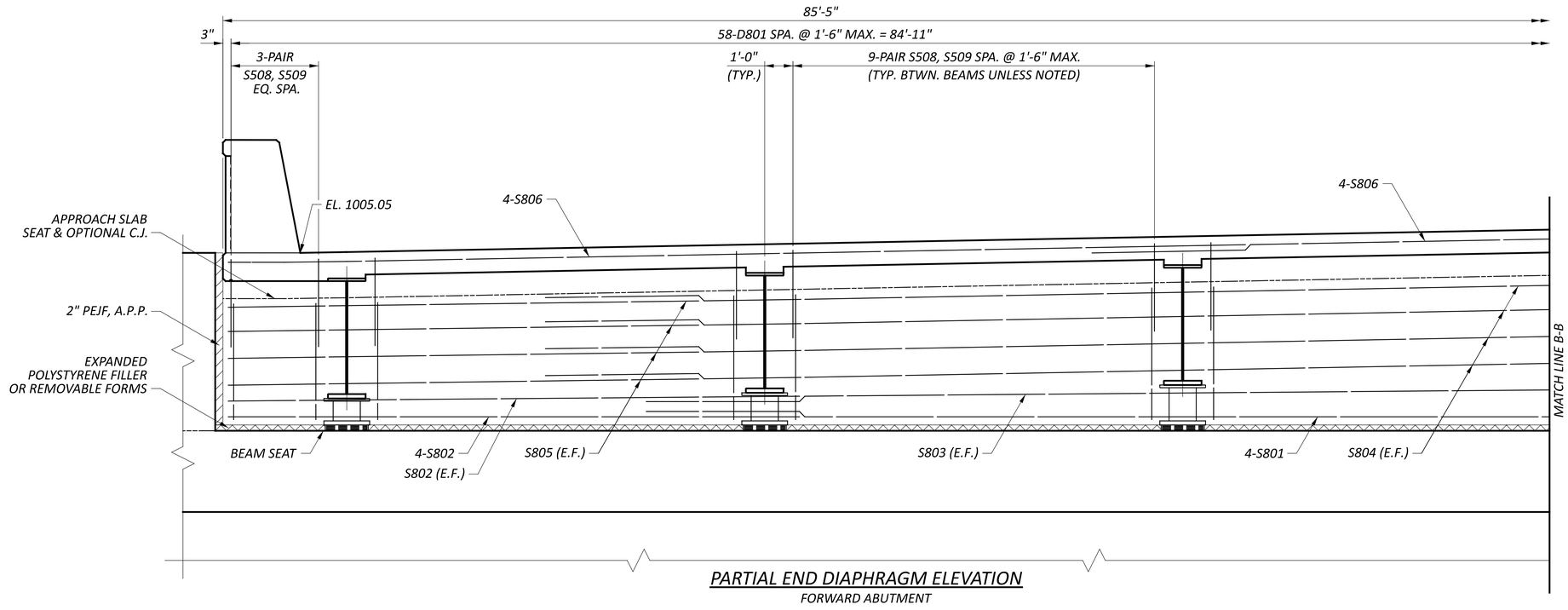
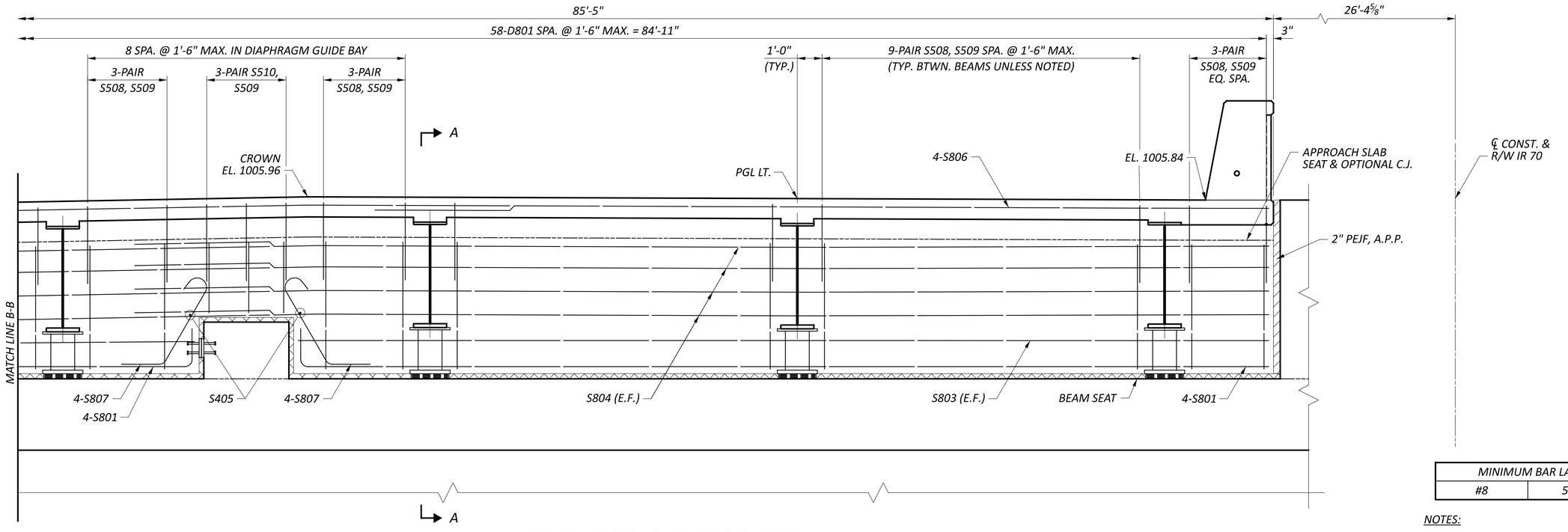


PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A, SEE SHEET 24/33.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 14/33.

SUPERSTUCTURE DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
23	33

SHEET	TOTAL
P.1697	P.2024

FAI/LIC-70-0.00/0.00

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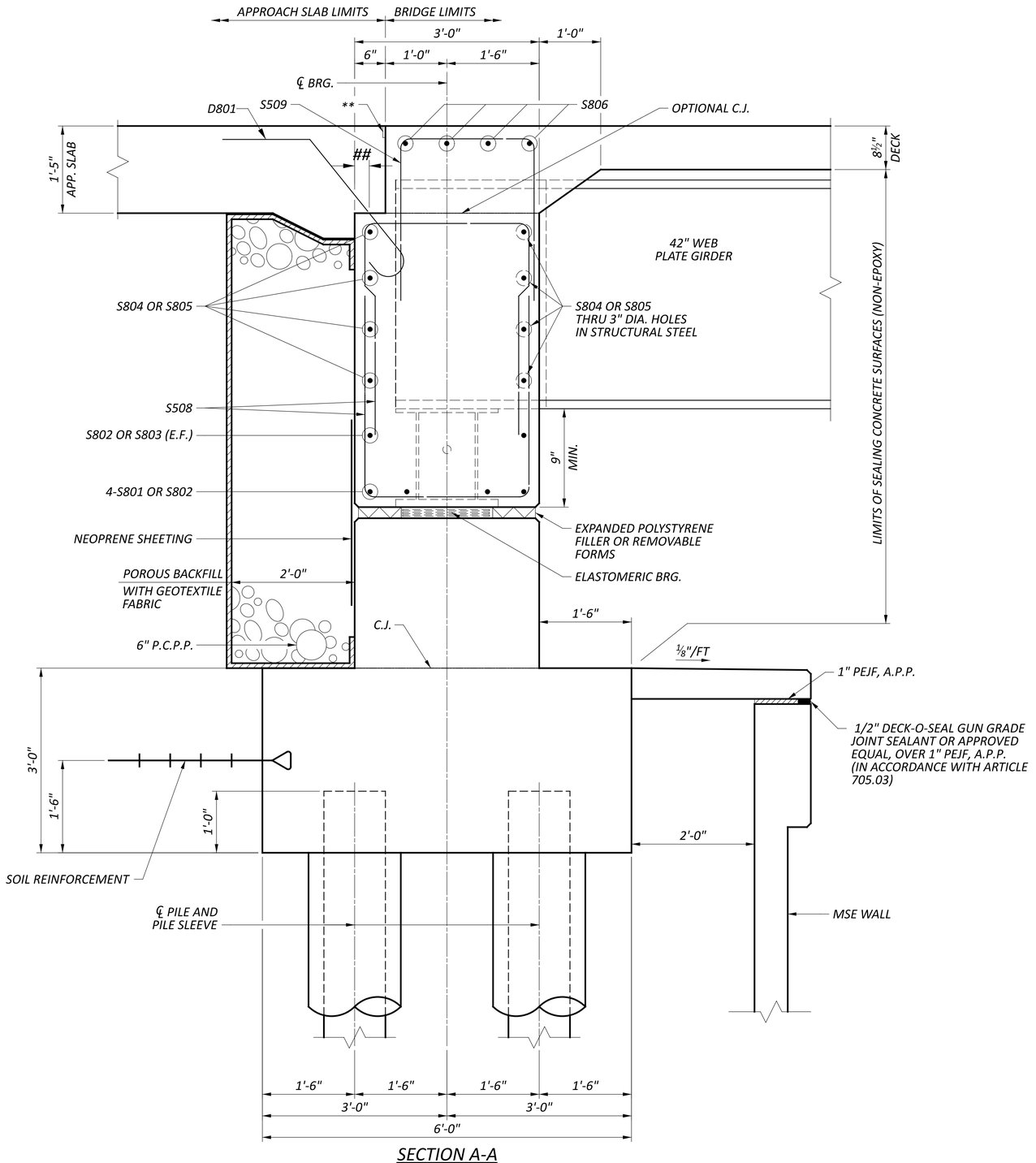

SECTION A-A

2¼" ±¼" CLR.

** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15

NOTES:

1. FOR ABUTMENT DETAILS, SEE SHEETS 9/33 THRU 13/33.
2. ABUTMENT DIAPHRAGM CONCRETE: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHES ITS INITIAL SET.

SUPERSTUCTURE DETAILS - 3
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	24
TOTAL	33
SHEET	P.1698
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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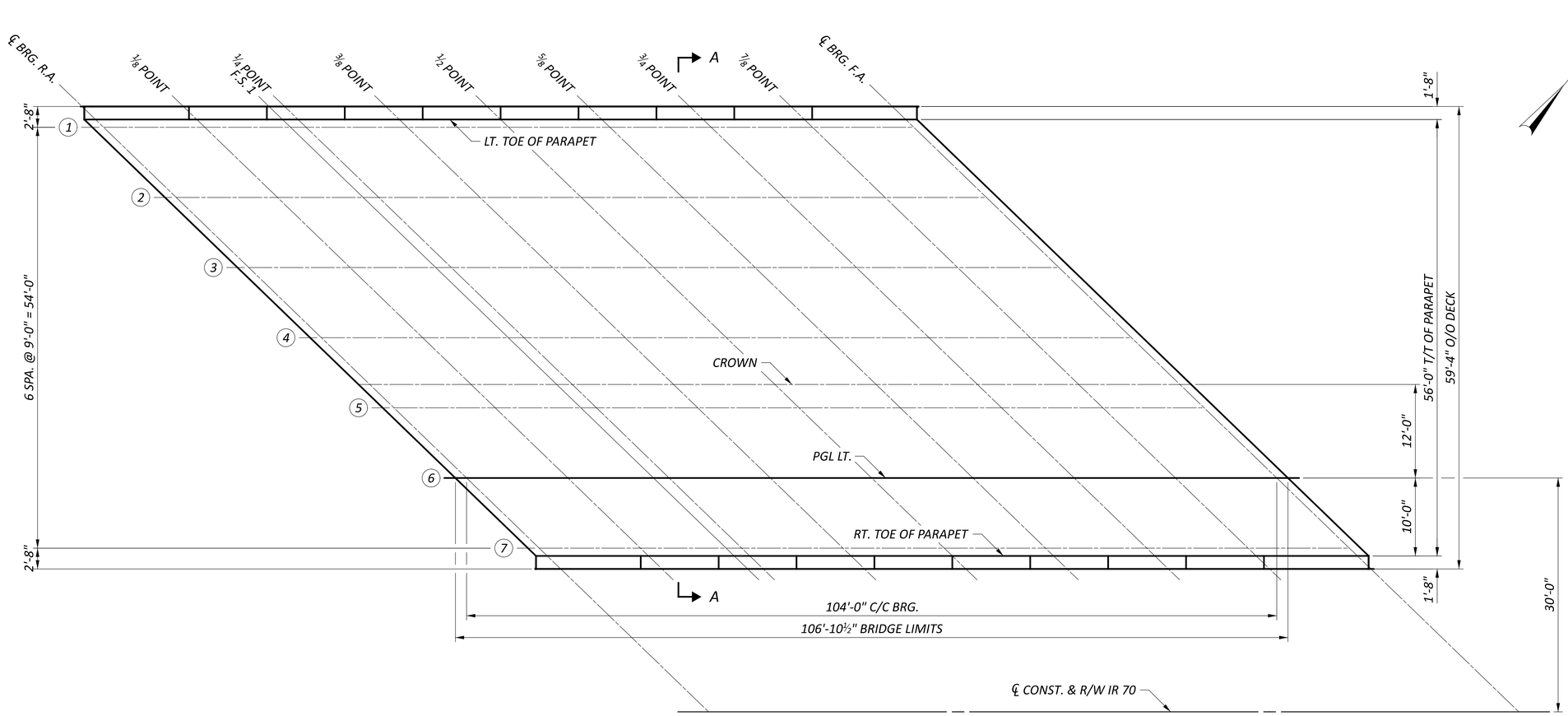
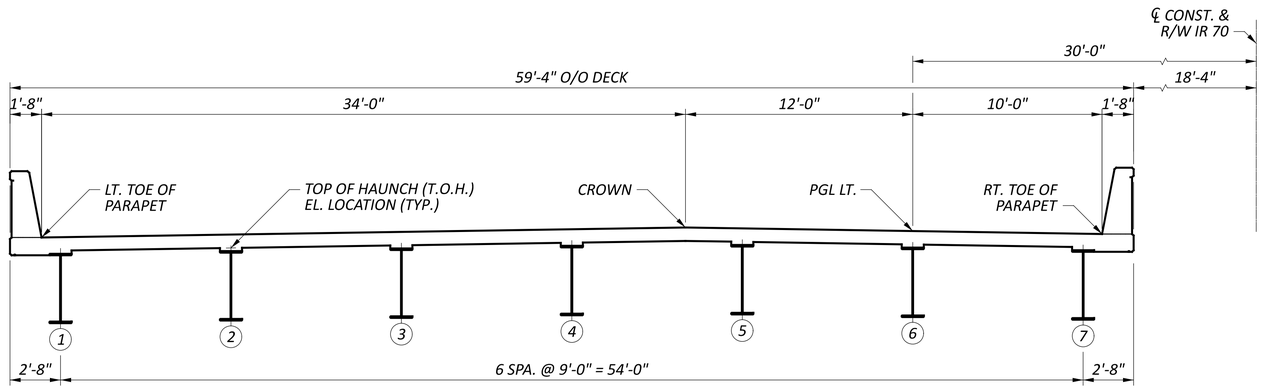


SCREED LAYOUT PLAN



SECTION A-A

LEGEND

(#) - *PROPOSED GIRDER NUMBER*

NOTES:

1. FOR SCREED ELEVATIONS, SEE SHEET 26/33.

SCREED DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	DAS
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	25
TOTAL	33
SHEET	P.1699
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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HAUNCH AND SCREED ELEVATIONS TABLE

SCREED LINE \ DESCRIPTION		℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SCREED ELEVATIONS											
LT. TOE OF PARAPET	STATION	163+81.80	163+94.80	164+05.80	164+07.80	164+20.80	164+33.80	164+46.80	164+59.80	164+72.80	164+85.80
	F.D.S. ELEV.	1003.97	1004.10	1004.22	1004.24	1004.37	1004.51	1004.64	1004.78	1004.91	1005.05
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1003.97	1004.24	1004.45	1004.49	1004.70	1004.86	1004.97	1005.03	1005.05	1005.05
CROWN	STATION	164+17.01	164+30.01	164+41.01	164+43.01	164+56.01	164+69.01	164+82.01	164+95.01	165+08.01	165+21.01
	F.D.S. ELEV.	1004.88	1005.01	1005.13	1005.15	1005.28	1005.42	1005.55	1005.69	1005.82	1005.96
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.88	1005.15	1005.37	1005.40	1005.61	1005.77	1005.88	1005.94	1005.96	1005.96
PGL LT.	STATION	164+29.43	164+42.43	164+53.43	164+55.43	164+68.43	164+81.43	164+94.43	165+07.43	165+20.43	165+33.43
	F.D.S. ELEV.	1004.81	1004.95	1005.06	1005.08	1005.22	1005.35	1005.49	1005.62	1005.76	1005.90
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.81	1005.09	1005.30	1005.34	1005.54	1005.70	1005.81	1005.88	1005.90	1005.90
RT. TOE OF PARAPET	STATION	164+39.79	164+52.79	164+63.79	164+65.79	164+78.79	164+91.79	165+04.79	165+17.79	165+30.79	165+43.79
	F.D.S. ELEV.	1004.76	1004.90	1005.01	1005.03	1005.17	1005.30	1005.44	1005.57	1005.71	1005.84
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1004.76	1005.04	1005.25	1005.29	1005.49	1005.65	1005.76	1005.83	1005.85	1005.84
TOP OF HAUNCH ELEVATIONS											
BEAM 1	STATION	163+82.84	163+95.84	164+06.84	164+08.84	164+21.84	164+34.84	164+47.84	164+60.84	164+73.84	164+86.84
	F.D.S. ELEV.	1003.99	1004.13	1004.24	1004.26	1004.40	1004.53	1004.67	1004.80	1004.94	1005.07
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.28	1003.56	1003.77	1003.81	1004.01	1004.18	1004.28	1004.35	1004.37	1004.37
BEAM 2	STATION	163+92.16	164+05.16	164+16.16	164+18.16	164+31.16	164+44.16	164+57.16	164+70.16	164+83.16	164+96.16
	F.D.S. ELEV.	1004.23	1004.37	1004.48	1004.50	1004.64	1004.77	1004.91	1005.05	1005.18	1005.32
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.53	1003.80	1004.01	1004.05	1004.26	1004.42	1004.53	1004.59	1004.61	1004.61
BEAM 3	STATION	164+01.47	164+14.47	164+25.47	164+27.47	164+40.47	164+53.47	164+66.47	164+79.47	164+92.47	165+05.47
	F.D.S. ELEV.	1004.47	1004.61	1004.72	1004.75	1004.88	1005.02	1005.15	1005.29	1005.42	1005.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1003.77	1004.04	1004.26	1004.29	1004.50	1004.66	1004.77	1004.83	1004.85	1004.85
BEAM 4	STATION	164+10.79	164+23.79	164+34.79	164+36.79	164+49.79	164+62.79	164+75.79	164+88.79	165+01.79	165+14.79
	F.D.S. ELEV.	1004.72	1004.85	1004.97	1004.99	1005.12	1005.26	1005.39	1005.53	1005.66	1005.80
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.01	1004.28	1004.50	1004.53	1004.74	1004.90	1005.01	1005.07	1005.10	1005.09
BEAM 5	STATION	164+20.11	164+33.11	164+44.11	164+46.11	164+59.11	164+72.11	164+85.11	164+98.11	165+11.11	165+24.11
	F.D.S. ELEV.	1004.86	1005.00	1005.11	1005.13	1005.27	1005.40	1005.54	1005.67	1005.81	1005.94
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.15	1004.43	1004.64	1004.68	1004.88	1005.04	1005.15	1005.22	1005.24	1005.23
BEAM 6	STATION	164+29.43	164+42.43	164+53.43	164+55.43	164+68.43	164+81.43	164+94.43	165+07.43	165+20.43	165+33.43
	F.D.S. ELEV.	1004.81	1004.95	1005.06	1005.08	1005.22	1005.35	1005.49	1005.62	1005.76	1005.90
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.11	1004.38	1004.59	1004.63	1004.84	1005.00	1005.11	1005.17	1005.19	1005.19
BEAM 7	STATION	164+38.75	164+51.75	164+62.75	164+64.75	164+77.75	164+90.75	165+03.75	165+16.75	165+29.75	165+42.75
	F.D.S. ELEV.	1004.77	1004.90	1005.02	1005.04	1005.17	1005.31	1005.44	1005.58	1005.71	1005.85
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.06	1004.34	1004.55	1004.58	1004.79	1004.95	1005.06	1005.12	1005.15	1005.14

NOTES:

1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

SCREED DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 26 | TOTAL 33
SHEET P.1700 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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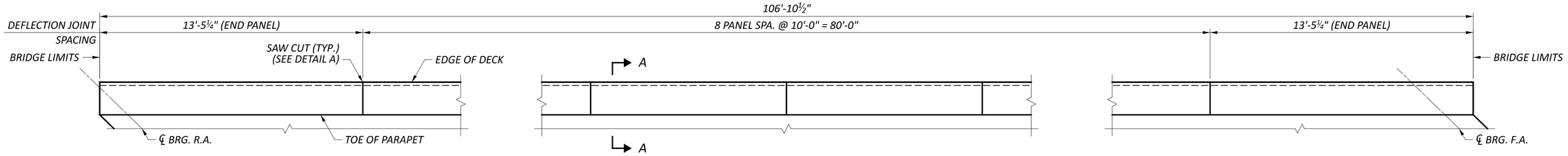
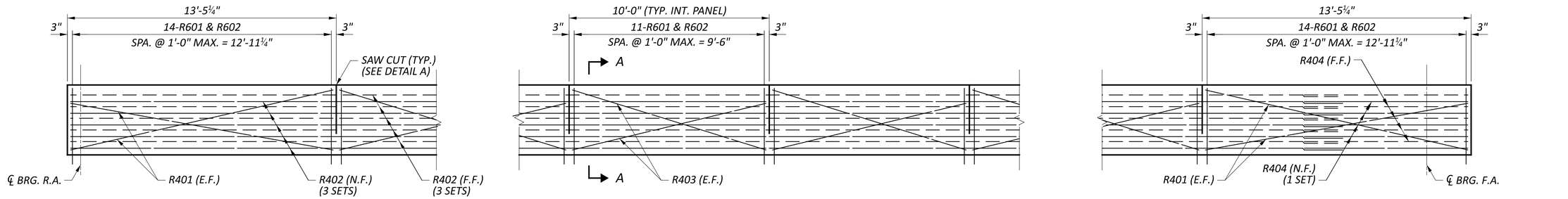


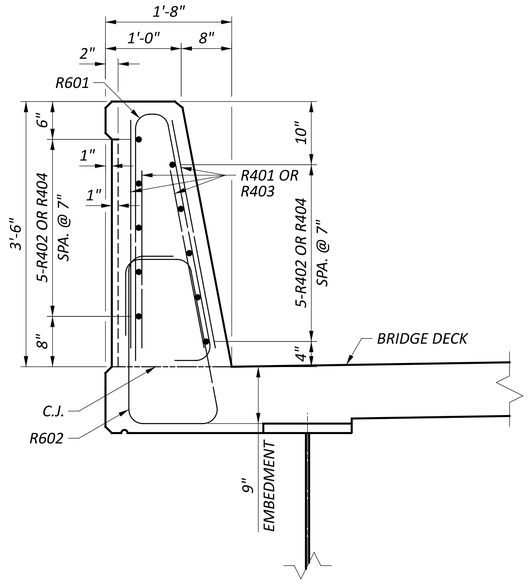
PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRICAL)

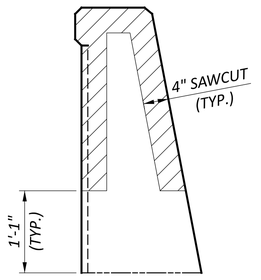


PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



SECTION A-A



DETAIL A

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-2"

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

1. *FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.*

PARAPET DETAILS - 1
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	27
TOTAL	33
SHEET	P.1701
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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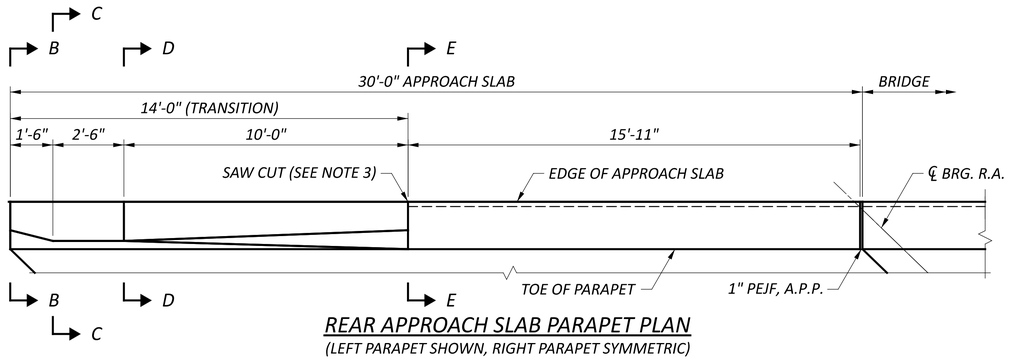
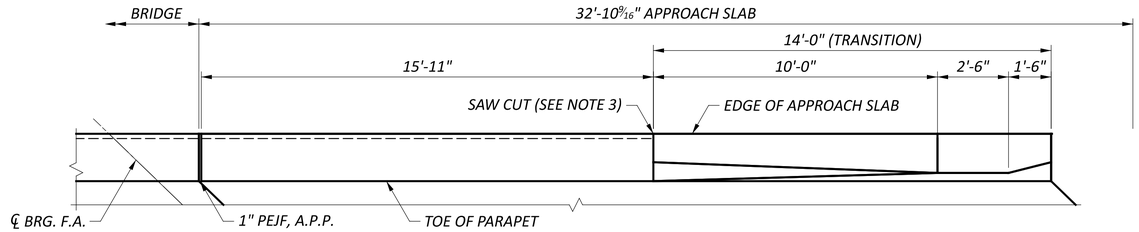


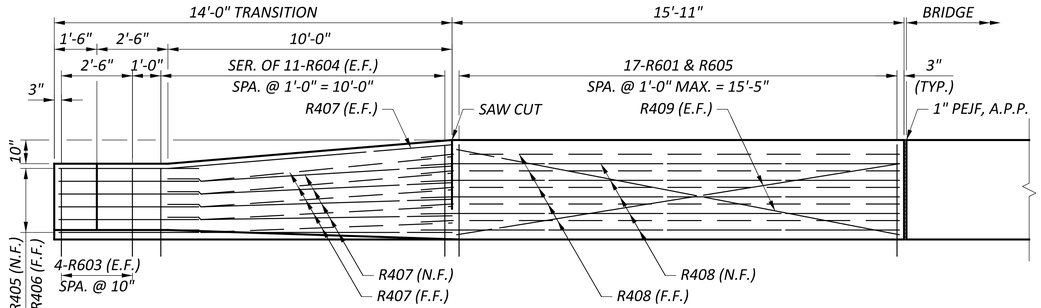
REAR APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



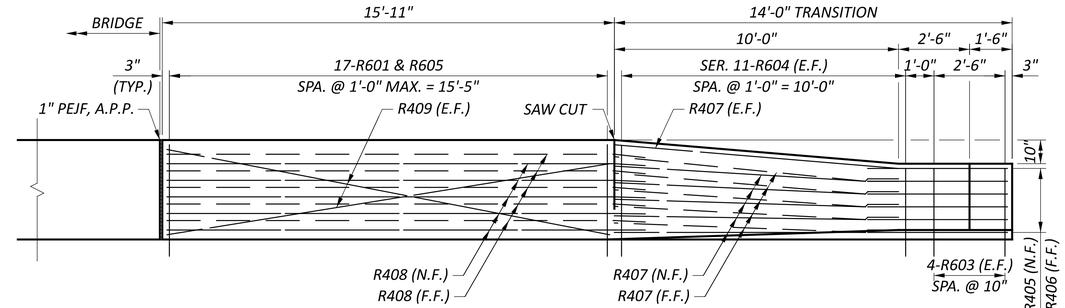
FORWARD APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



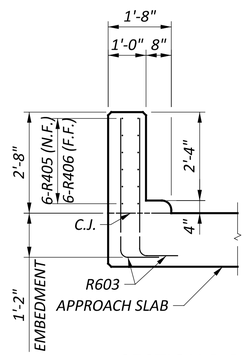
REAR APPROACH SLAB PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)

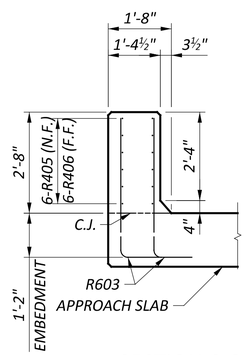


FORWARD APPROACH SLAB PARAPET ELEVATION

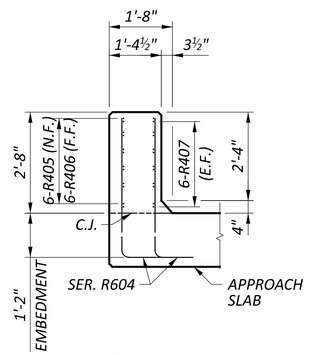
(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



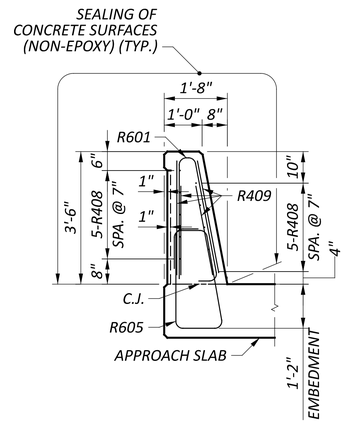
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

1. *FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.*
2. *FOR APPROACH SLAB PLAN, SEE SHEET 31/33.*
3. *FOR DETAIL A, SEE SHEET 27/33.*

PARAPET DETAILS - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
ACM	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
28	33

SHEET	TOTAL
P.1702	P.2024

FAI/LIC-70-0.00/0.00

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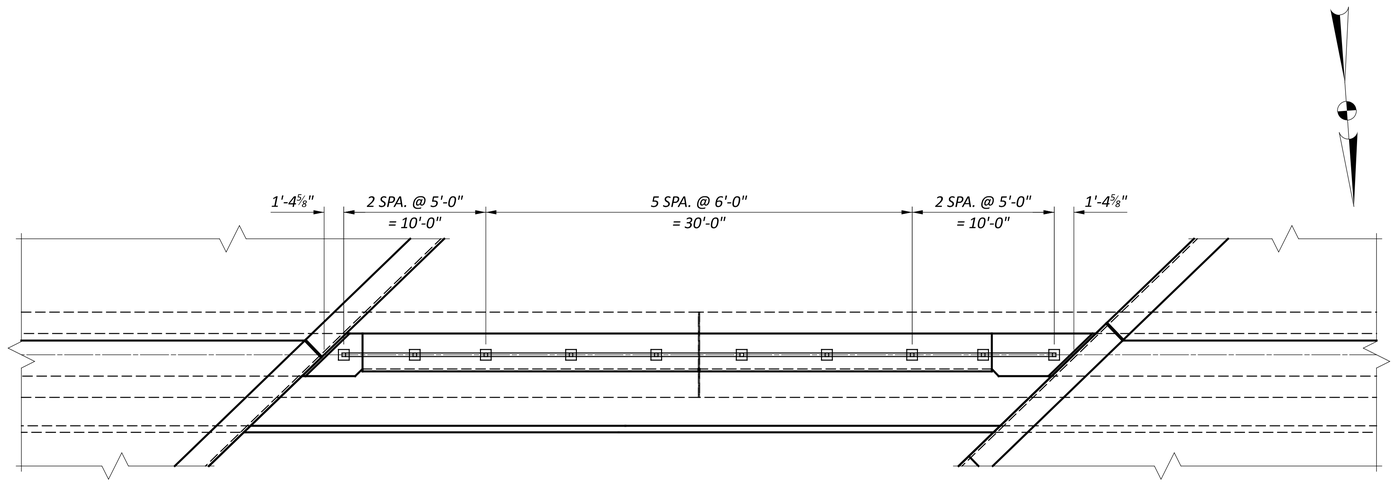
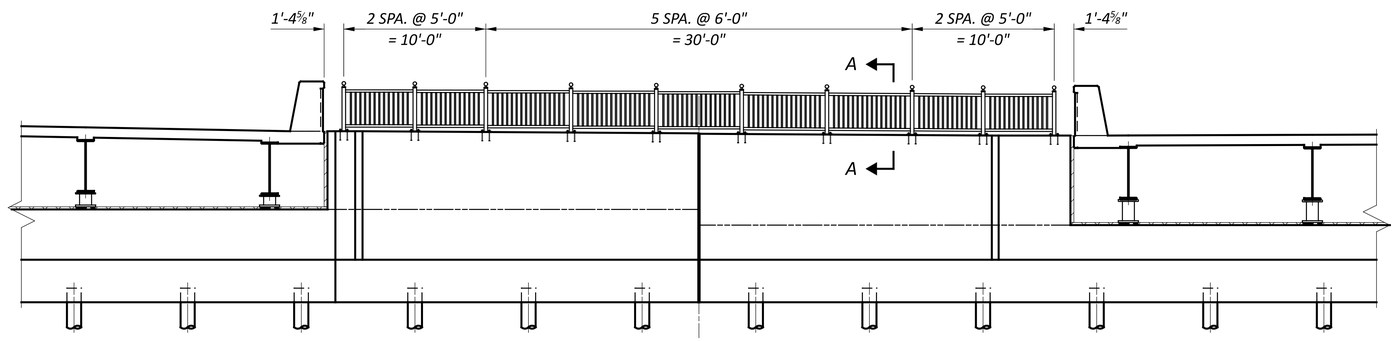
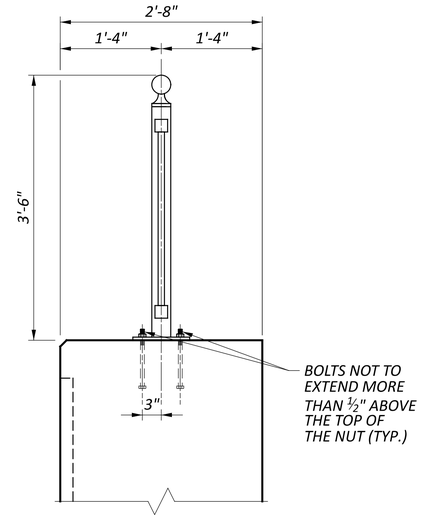


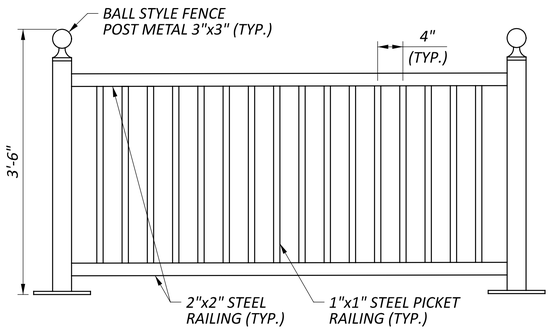
PLAN
(REAR ABUTMENT)



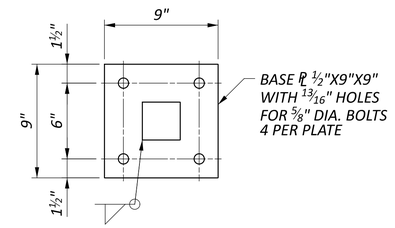
ELEVATION
(REAR ABUTMENT)



SECTION A-A



FENCE DETAIL



BASE DETAIL

NOTES:

1. PAYMENT FOR ABUTMENT RAILING TO BE INCLUDED WITH WESTBOUND (LEFT) STRUCTURE.
2. PAYMENT FOR THE DECORATIVE STEEL RAILING SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER FOOT FOR ITEM 517 - RAILING MISC.: DECORATIVE STEEL RAILING. THIS PRICE SHALL INCLUDE THE FOLLOWING:
   A. ALL RAILING MATERIAL (INCLUDING PAINTING OF THE RAIL, BOLTS, AND PLATES).
   B. ALL LABOR, EQUIPMENT, TOOLS, AND INCIDENTAL MATERIALS NECESSARY TO COMPLETE THE DECORATIVE STEEL RAILING IN PLACE.
   C. THE COLOR OF PAINT FOR THE RAILING MATERIAL SHALL BE AMS-595-17038 (BLACK). THE PAINT SUPPLIER MUST SUBMIT A 1 INCH x 1 INCH PAINT SAMPLE CARD BEFORE APPROVAL.

RAILING DETAILS - 1
BRIDGE NO. LIC-00070-00740 L&R
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 04/28/25
PROJECT ID	96808
SUBSET	29
TOTAL	33
SHEET	P.1703
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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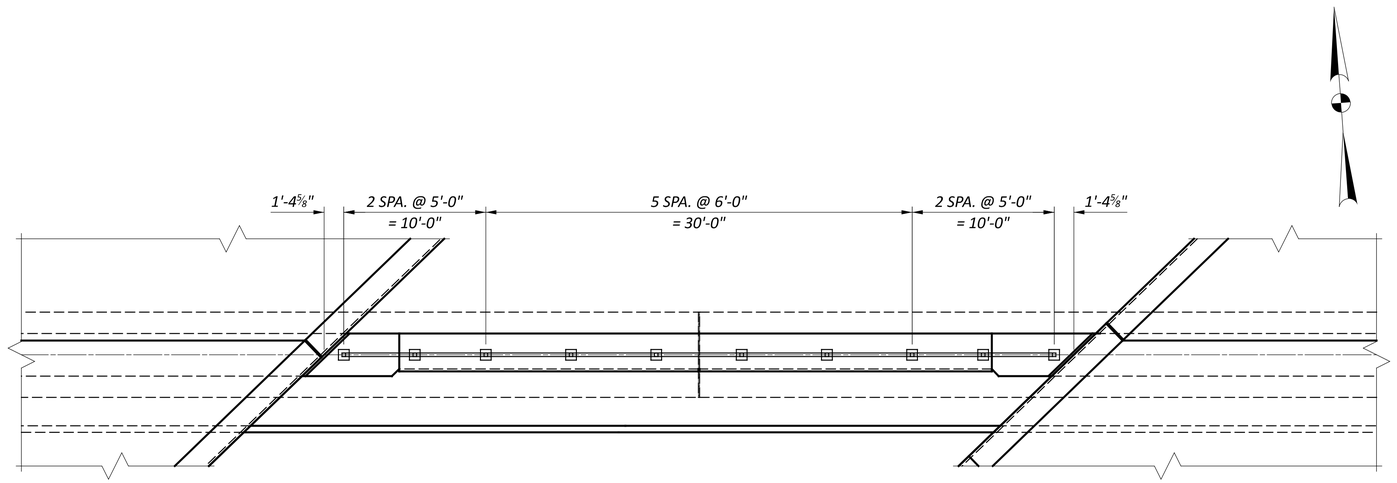
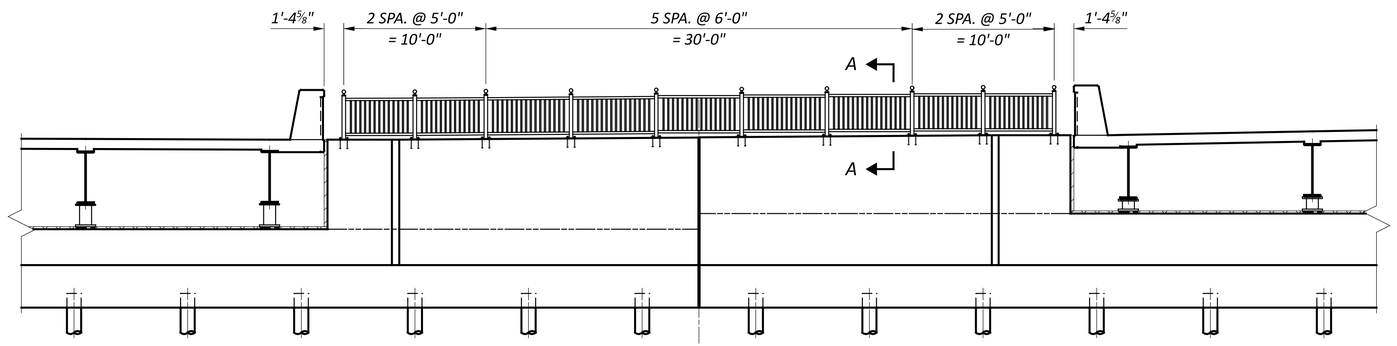
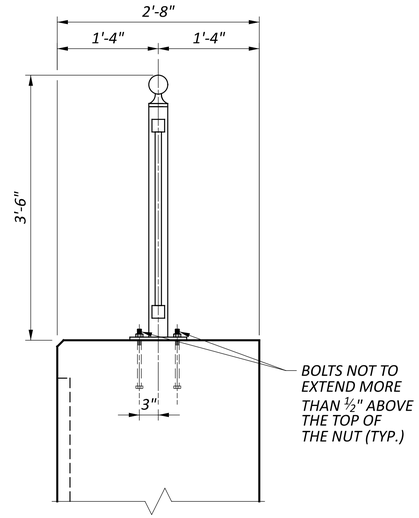


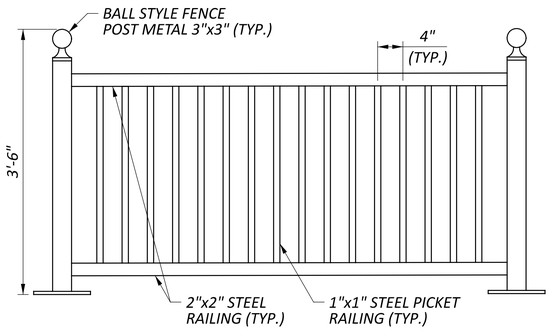
PLAN
(FORWARD ABUTMENT)



ELEVATION
(FORWARD ABUTMENT)



SECTION A-A



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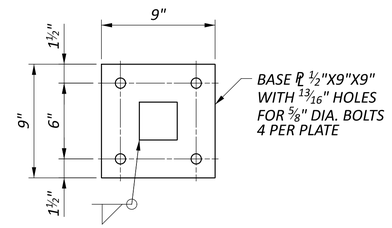

BASE DETAIL

NOTES:

1. PAYMENT FOR ABUTMENT RAILING TO BE INCLUDED WITH WESTBOUND (LEFT) STRUCTURE.
2. PAYMENT FOR THE DECORATIVE STEEL RAILING SHALL BE MADE AT THE CONTRACT UNIT PRICE BID PER FOOT FOR ITEM 517 - RAILING MISC.: DECORATIVE STEEL RAILING. THIS PRICE SHALL INCLUDE THE FOLLOWING:
   A. ALL RAILING MATERIAL (INCLUDING PAINTING OF THE RAIL, BOLTS, AND PLATES).
   B. ALL LABOR, EQUIPMENT, TOOLS, AND INCIDENTAL MATERIALS NECESSARY TO COMPLETE THE DECORATIVE STEEL RAILING IN PLACE.
   C. THE COLOR OF PAINT FOR THE RAILING MATERIAL SHALL BE AMS-595-17038 (BLACK). THE PAINT SUPPLIER MUST SUBMIT A 1 INCH x 1 INCH PAINT SAMPLE CARD BEFORE APPROVAL.

RAILING DETAILS - 2
BRIDGE NO. LIC-00070-00740 L&R
IR 70 OVER PALMER RD.

SFN	4502885
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	30
TOTAL	33
SHEET	P.1704
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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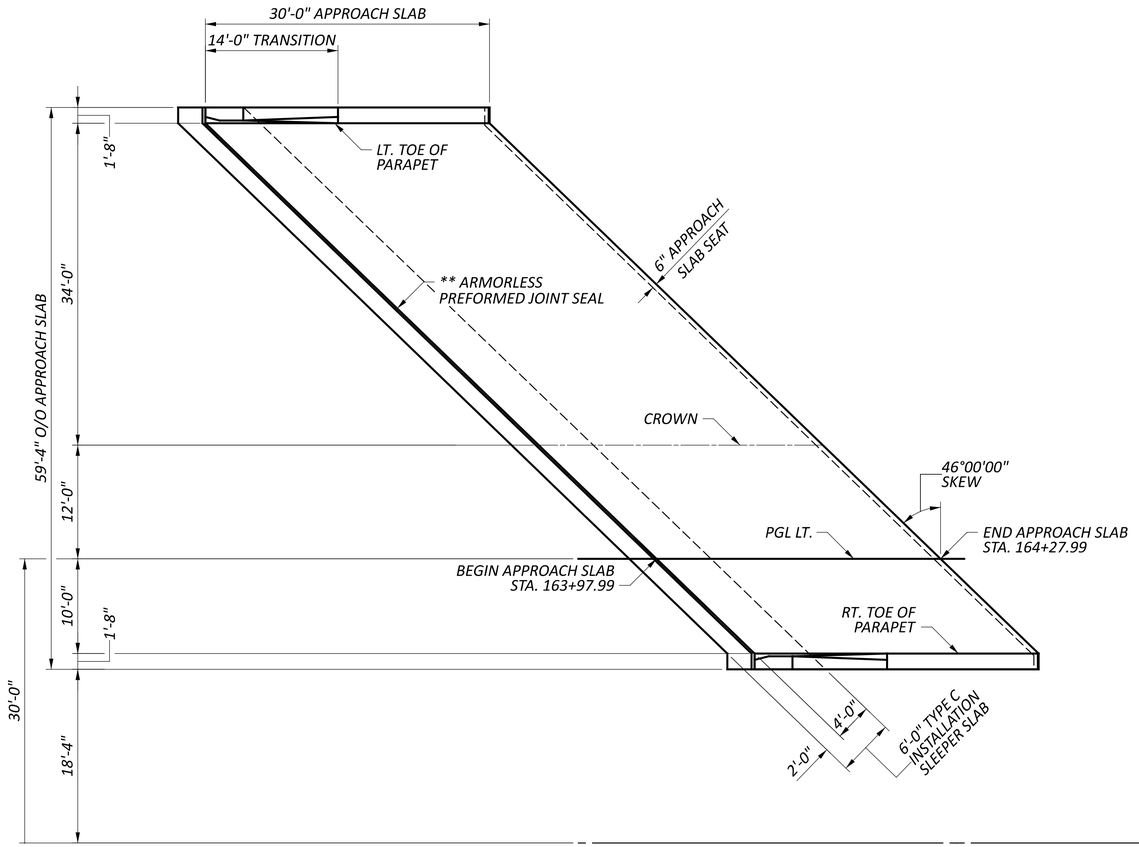
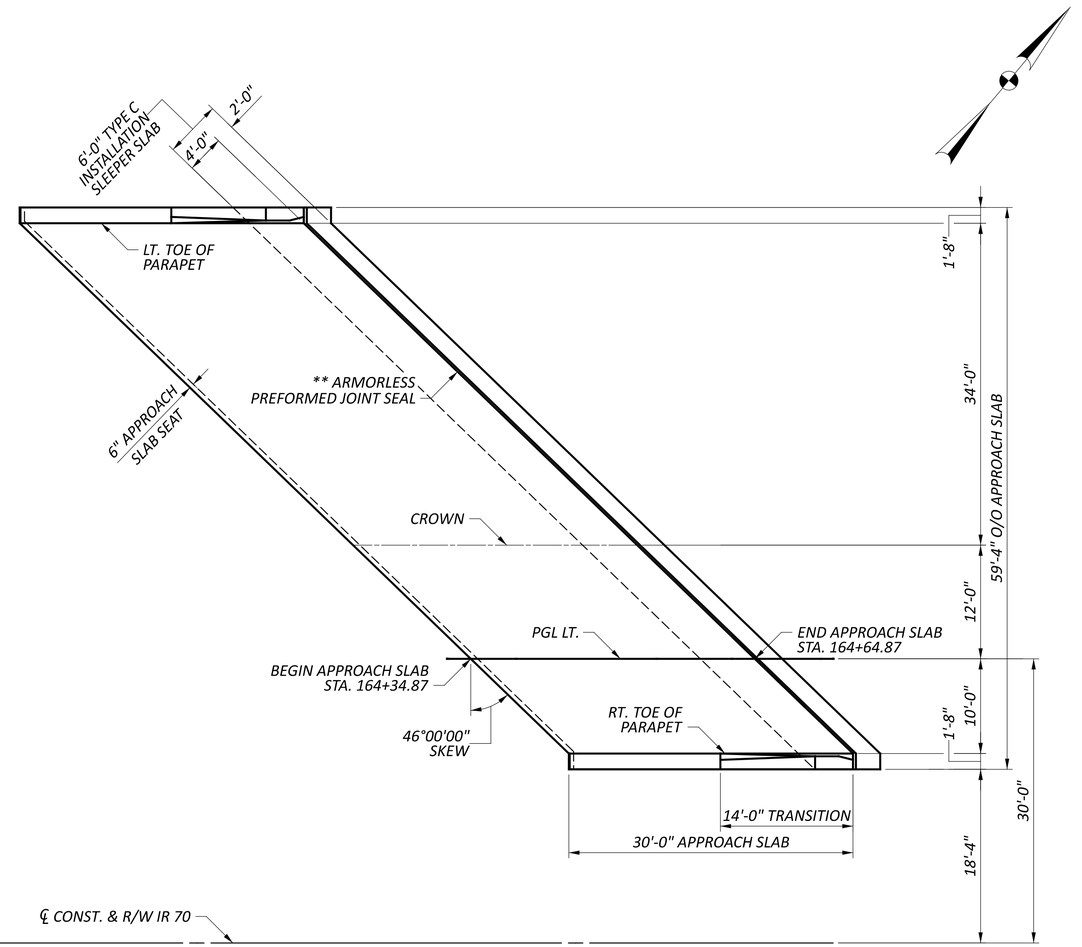


PLAN
REAR APPROACH SLAB



PLAN
FORWARD APPROACH SLAB

℄ CONST. & R/W IR 70

APPROACH SLAB ELEVATIONS

LOCATION \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	163+44.60	163+50.36	163+56.12	163+80.36		164+87.24	165+11.48	165+17.24	165+23.00
	ELEVATION	1002.16	1003.64	1002.28	1003.95		1005.06	1003.90	1005.37	1004.02
CROWN	STATION	163+79.81	163+85.57	163+91.33	164+15.57		165+22.45	165+46.69	165+52.45	165+58.21
	ELEVATION	1003.07	1004.55	1003.19	1004.86		1005.97	1004.81	1006.29	1004.93
PGL LT.	STATION	163+92.24	163+97.99	164+03.75	164+27.99		165+34.87	165+59.12	165+64.87	165+70.63
	ELEVATION	1003.01	1004.49	1003.13	1004.80		1005.91	1004.75	1006.22	1004.87
RT. TOE OF PARAPET	STATION	164+02.59	164+08.35	164+14.11	164+38.35		165+45.23	165+69.47	165+75.23	165+80.99
	ELEVATION	1002.96	1004.43	1003.08	1004.75		1005.86	1004.69	1006.17	1004.81

LEGEND:

** - SEE STANDARD DRAWINGS AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE

NOTES:

1. FOR STANDARD APPROACH SLAB DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-1-15.
2. FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-2-15.
3. FOR APPROACH SLAB PARAPET DETAILS, SEE SHEET 28/33.
4. APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.
5. ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.

APPROACH SLAB DETAILS
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 31 | TOTAL 33
SHEET P.1705 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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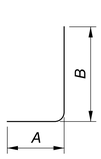
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
REAR ABUTMENT - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
SUPERSTRUCTURE - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PARAPET - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PARAPET - GFRP REINFORCEMENT											
SUB-TOTAL											



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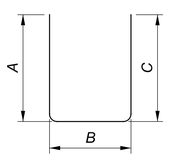

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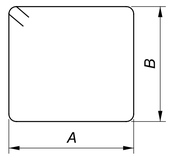

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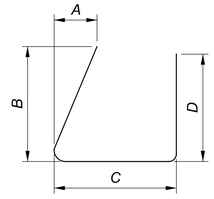

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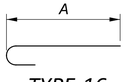

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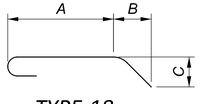

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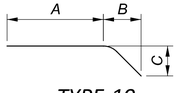

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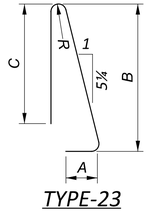

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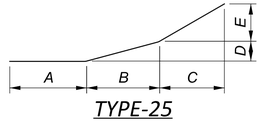

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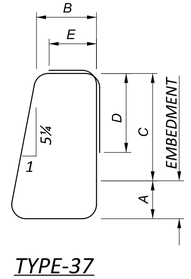

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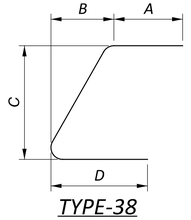

TYPE-38

NOTES:

1. *ALL CONCRETE REINFORCEMENT SHALL BE GALVANIZED STEEL REINFORCEMENT, GRADE 60, UNLESS NOTED OTHERWISE.*
2. *THE BAR SIZE NUMBER IN SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR DIGITS ARE USED, INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, P601 IS A NO. 6 BAR. "R" INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED. "STD" WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BEND AT THE END OF THE BAR.*

STEEL REINFORCEMENT LIST - 2
BRIDGE NO. LIC-00070-00740 L
IR 70 OVER PALMER RD.

SFN 4502885
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 33 | TOTAL 33
SHEET P.1707 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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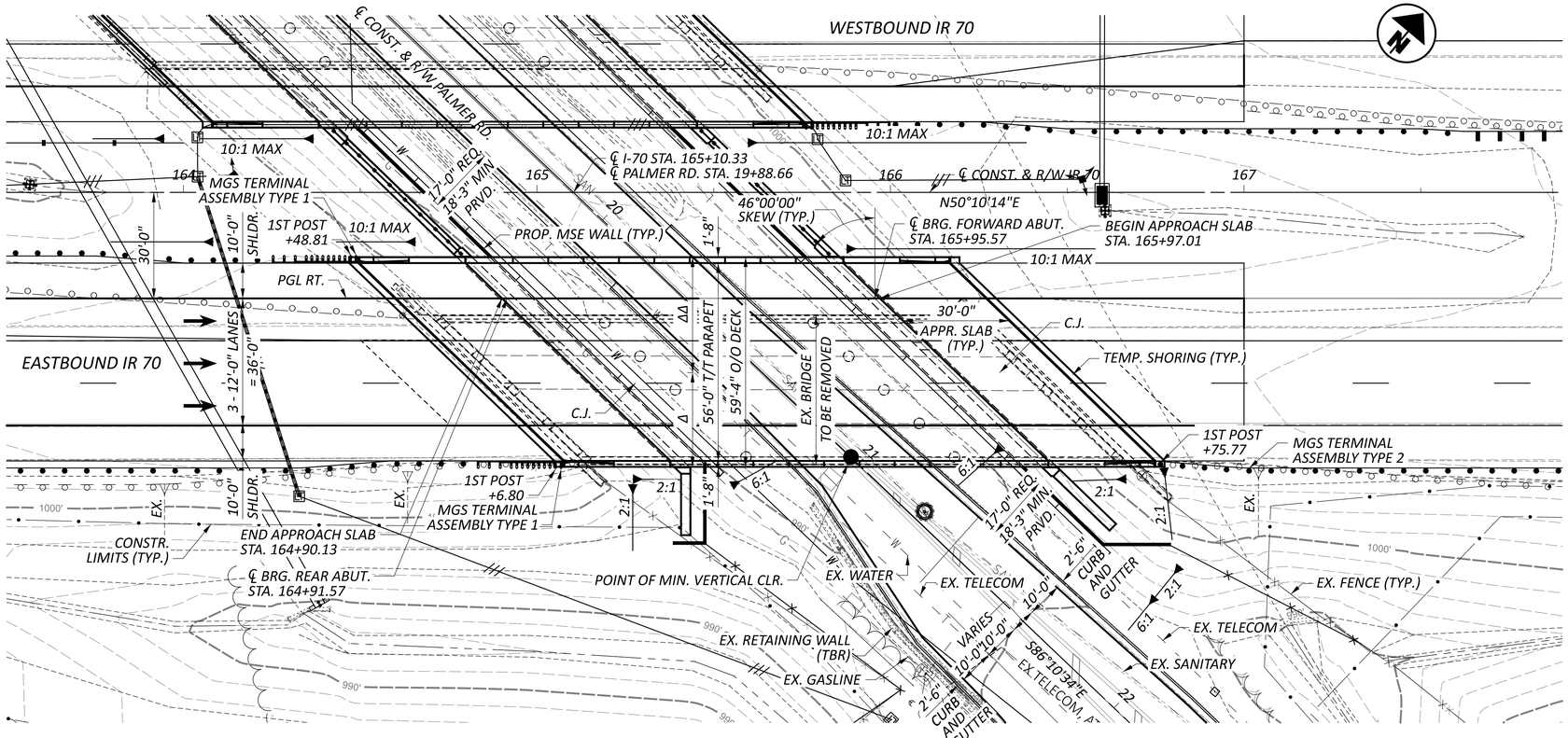
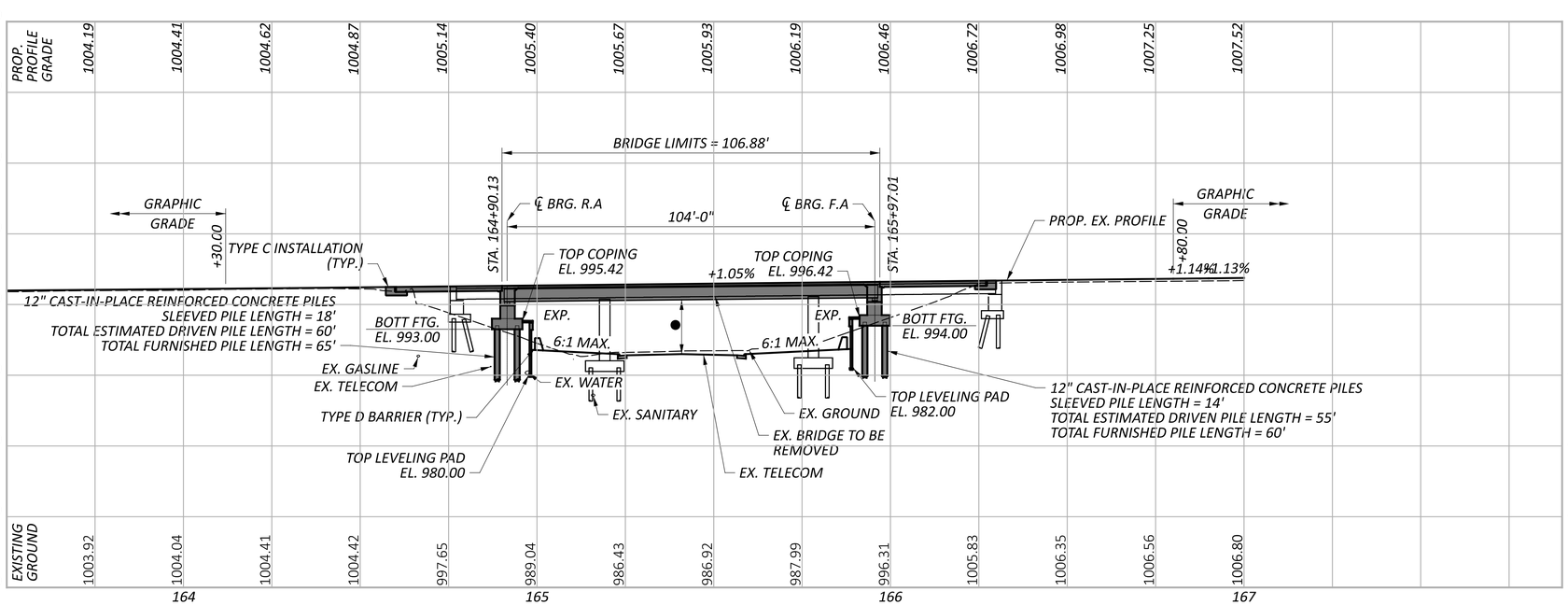


PLAN



PROFILE - ALONG PGL RT.

BENCHMARK DATA

C.P. 2012 STA. 138+31.32,	ELEV. 976.93,	OFFSET 108.10', LT
C.P. 2013 STA. 182+36.85,	ELEV. 1020.51,	OFFSET 120.41', RT

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2030 ADT = 56,680 *2030 ADTT = 6,802*
2050 ADT = 76,150 *2050 ADTT = 9,138*
DIRECTIONAL DISTRIBUTION = 50%

LEGEND

- ● - 15'-6" REQUIRED MINIMUM VERTICAL CLEARANCE
  15'-8½" ACTUAL MINIMUM VERTICAL CLEARANCE
- Δ - 32'-8" PHASE 1 CONSTRUCTION
- ΔΔ - 26'-8 PHASE 2 CONSTRUCTION

EXISTING STRUCTURE

TYPE: NON-COMPOSITE CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK ON CAP AND COLUMN PIERS AND STUB ABUTMENTS WITH PILE FOUNDATIONS

SPANS: 46'-0"±, 59'-0"±, 46'-0"±
ROADWAY: 39'-0"± TOE/TOE PARAPET
LOADING: CF 2000 (57)
SKEW: 46°25'30"± R.F.
WEARING SURFACE: 1¾"± SDC OVERLAY
APPROACH SLABS: 25'-0"± (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016± FT/FT
STRUCTURE FILE NUMBER: 4502914
DATE BUILT: 1967
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: SINGLE SPAN, STEEL PLATE GIRDER WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENTS BEHIND MSE WALLS
SPANS: 104'-0" C/C BRG.
ROADWAY: 56'-0" TOE/TOE PARAPET
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 60 PSF
SKEW: 46°00'00" R.F.
APPROACH SLABS: 30'-0" LONG (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 6,342 SF
COORDINATES: LATITUDE 39°56'44.37"N
LONGITUDE 82°45'27.76"W

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT
DESIGNER PEG | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 | TOTAL 36
SHEET P.1708 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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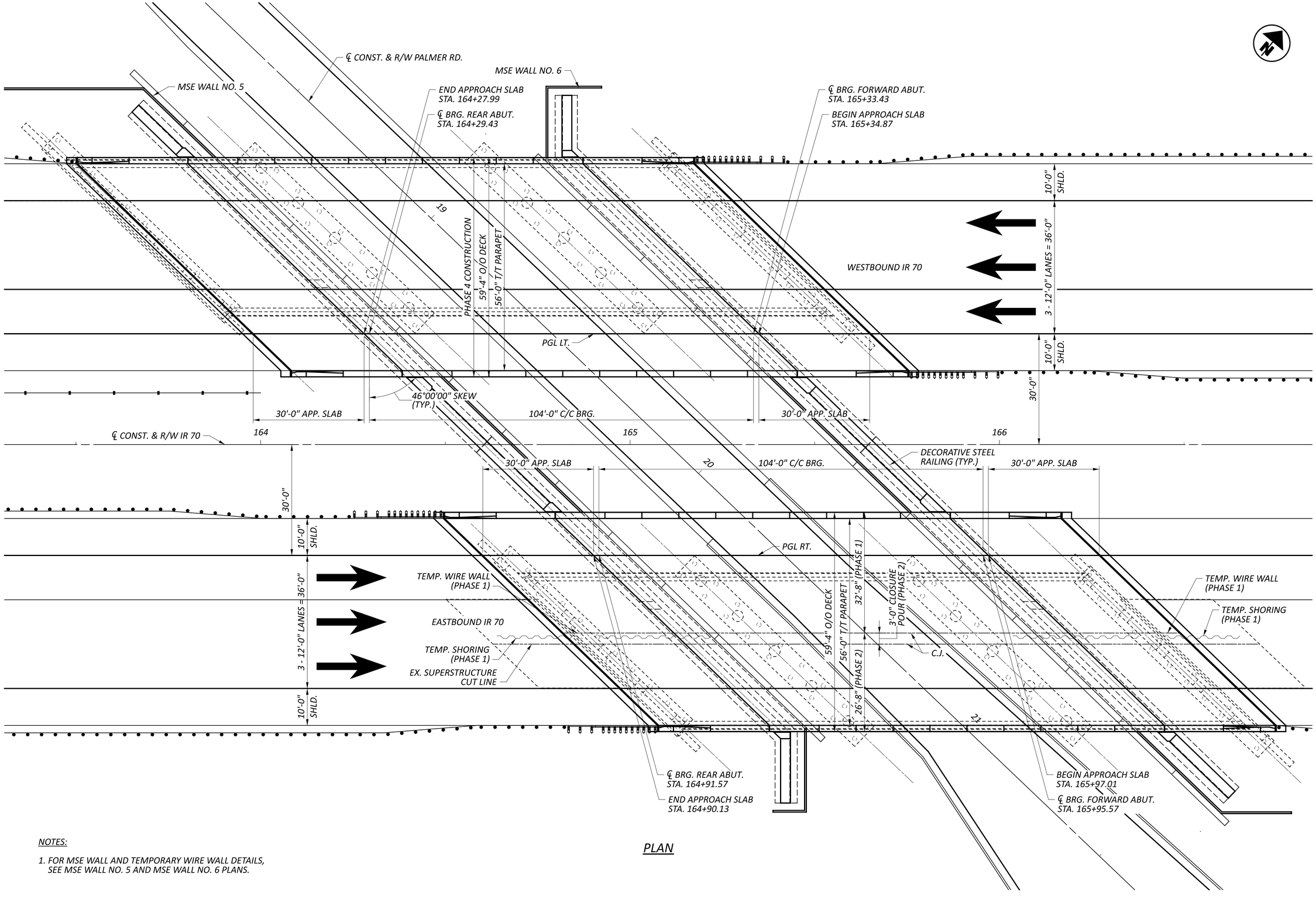

PLAN

NOTES:

1. FOR MSE WALL AND TEMPORARY WIRE WALL DETAILS, SEE MSE WALL NO. 5 AND MSE WALL NO. 6 PLANS.

GENERAL PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

FAI/LIC-70-0.00/0.00

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SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	2
TOTAL	36
SHEET	P.1709
TOTAL	P.2024

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
GSD-1-19	REVISED	07-19-24
PCB-91	REVISED	07-17-20
SBR-2-20	REVISED	07-19-24
SICD-1-21	REVISED	01-19-24
SICD-2-14	REVISED	01-15-21

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

SPECIAL DESIGN SPECIFICATIONS:

THIS BRIDGE REQUIRED THE USE OF A TWO DIMENSIONAL MODEL USING THE GRILLAGE DESIGN METHOD TO ANALYZE THE STRUCTURE. THE COMPUTER PROGRAM USED FOR STRUCTURAL ANALYSIS WAS DESCUS. THE BRIDGE COMPONENTS DESIGNED BY THIS METHOD AND THE LIVE LOAD DISTRIBUTION FACTORS USED WERE THE STEEL GIRDERS AND CROSSFRAMES.

DEAD LOAD DISTRIBUTION:

WEIGHT OF THE DECK AND STEEL GIRDERS WERE USED FOR THE NON-COMPOSITE DEAD LOAD BASED ON TRIBUTARY AREA. THE WEIGHT OF PARAPETS AND FUTURE WEARING SURFACE WERE DIVIDED EQUALLY AMONG THE GIRDERS FOR THE COMPOSITE DEAD LOAD.

LIVE LOAD DISTRIBUTION FACTORS:

DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & FOR LANE LOAD MOMENTS. DIRECT LANE LOADING FOR WHEEL (OR AXLE) LOAD & LANE LOAD SHEARS.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.05 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LINE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60 KSI (DECK, PARAPET, SUBSTRUCTURES)

GFRP REINFORCEMENT (PARAPET)

STRUCTURAL STEEL - ASTM A709 GRADE 50 - YIELD STRENGTH 50 KSI

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DECK PLACEMENT ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 2.85 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ITEM 202 - STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN:

DESCRIPTION:
THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING STRUCTURE. THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED IN THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING DECK REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED, I.E. THE EXISTING STRUCTURE USED FOR MAINTAINING TRAFFIC. THE USE OF EXPOSIVES, HEADACHE BALLS, HOE RAM TYPE EQUIPMENT, AND TRACK HOE PULVERIZER/ SHEAR/MULTI-PROCESSOR ATTACHMENTS IS PROHIBITED FOR REMOVAL OF THE EXISTING ABUTMENT AND PIER COMPONENETS WITHIN 18 INCHES OF PORTIONS TO BE PRESERVE, I.E. PORTIONS TO REMAIN FOR MAINTAINING TRAFFIC. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

PROTECTION OF TRAFFIC:
THE CONTRACTOR SHALL SUBMIT PLANS FOR THE PROTECTION OF TRAFFIC (VEHICULAR, PEDESTRIAN, ETC.) AS PER CMS 501.05.B.2.

REMOVAL METHODS:
THE CONTRACTOR MAY REMOVE EXISTING SUBSTRUCTURE CONCRETE BY CUTTING AND BY MEANS OF APPROVED HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS IN THE AREA DESCRIBED ABOVE. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED.

MEASUREMENT AND PAYMENT:
THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202, STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

PAINTING OF STRUCTURAL STEEL:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

BRIDGE PAINTING LIMITATIONS:

PRIOR TO THE ARRIVAL OF THE BRIDGE PAINTERS, THE PRIME CONTRACTOR SHALL COMPLETE ALL CLEARING AND GRUBBING FROM WITHIN THE CONSTRUCTION LIMITS SHOWN INCLUDING THE REMOVAL OF ALL TREES. BRIDGE PAINTING/ABRASIVE BLASTING WILL EXCLUDE SCUPPERS TO BE GALVANIZED. PAYMENT FOR THE CLEARING AND GRUBBING IS INCLUDED IN ITEM 201 CLEARING AND GRUBBING.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

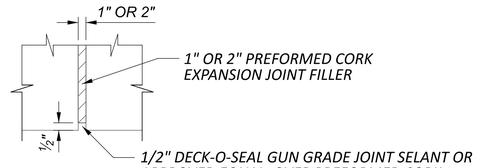
1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. GROOVE THE BRIDGE DECK.

ITEM 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN:

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" AND 2" PEJF, A.P.P. CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN OR ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

PILE DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 221 KIPS PER PILE FOR THE REAR AND FORWARD ABUTMENT PILES.

REAR ABUTMENT:

12 INCH DIAMETER PILES 65 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

FORWARD ABUTMENT:

12 INCH DIAMETER PILES 60 FEET LONG, ORDER LENGTH

1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.28 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

GENERAL NOTES - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY: MPEGEON STRUCTUREPOINT INC.
DESIGNER ABD | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 3 | TOTAL 36
SHEET P.1710 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THESE ITEMS WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 AND QC1 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN `2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ½ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

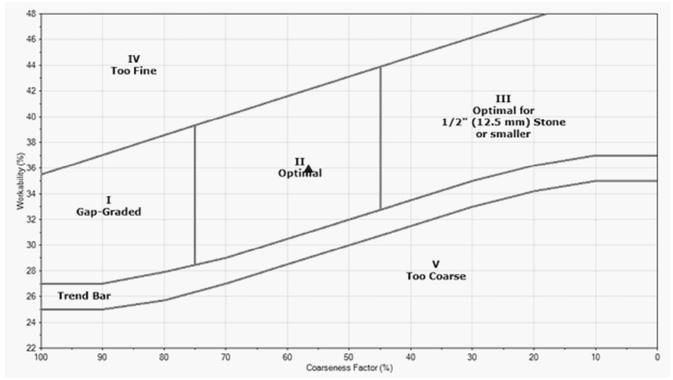


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

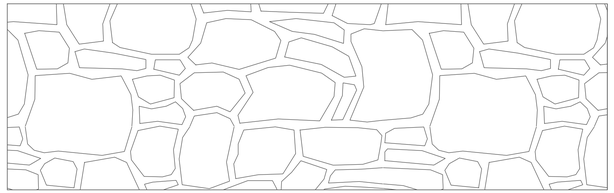
THIS S.C.C. CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, STAIN, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

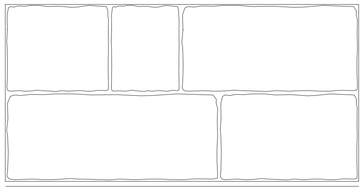
COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1⅛" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ARCHITECTURAL FINISH:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.) PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
APPR.	= APPROACH
A.P.P.	= AS PER PLAN
BOT.	= BOTTOM
BRG.	= BEARING
BTW	= BETWEEN
C.B.	= CATCH BASIN
C/C	= CENTER-TO-CENTER
C.I.P.	= CAST-IN-PLACE
C.J.	= CONSTRUCTION JOINT
℄	= CENTERLINE
CLR.	= CLEARANCE
CONSTR.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
EB	= EASTBOUND
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
F.S.	= FIELD SPLICE
FWD.	= FORWARD
INV.	= INVERT
LT.	= LEFT
MAX.	= MAXIMUM
MIN.	= MINIMUM
NE	= NORTHEAST
N.F.	= NEAR FACE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
NW	= NORTHWEST
O/O	= OUT-TO-OUT
PB	= PORTABLE BARRIER
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PGL	= PROFILE GRADE LINE
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SE	= SOUTHEAST
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
SW	= SOUTHWEST
T&B	= TOP AND BOTTOM
TEMP.	= TEMPORARY
T/S	= TOE OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYP.
WB	= WESTBOUND

GENERAL NOTES - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER ABD | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 36
SHEET P.1711 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: ACM DATE: 04/11/2025
CHECKED BY: ABD DATE: 04/16/2025

ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	SUPER STR.	GEN.	SHT. NO.
202	11003		LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN			LS	3/34
202	22900	133	SY	APPROACH SLAB REMOVED			133	
202	23500	133	SY	WEARING COURSE REMOVED			133	
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING			LS	
503	21300		LS	UNCLASSIFIED EXCAVATION			LS	
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION			LS	
507	00500	4025	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	4025			
507	00550	4375	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	4375			
509	10000	117472	LB	EPOXY COATED STEEL REINFORCEMENT	39625	77847		
509	30020	3927	FT	NO. 4 DEFORMED GFRP REINFORCEMENT		3927		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2			
511	34446	275	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK		275		
511	34451	61	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN		61		4/34
511	44113	115	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN	115			4/34
511	46512	179	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	179			
512	10050	608	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	187	421		
512	33000	35	SY	TYPE 2 WATERPROOFING	35			
513	10280	197900	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4		197900		
513	20000	3234	EACH	WELDED STUD SHEAR CONNECTORS		3234		
514	00060	12670	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT		12670		
514	00066	12670	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT		12670		
516	13601	96	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	80	16		3/34
516	13901	87	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	87			3/34
516	14020	202	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	202			
516	44101	14	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN		14		15/34
518	21200	130	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	130			
518	40000	268	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	268			
518	40010	100	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	100			
523	20000	2	EACH	DYNAMIC LOAD TESTING	2			
526	30010	396	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")			396	
526	90010	171	FT	TYPE A INSTALLATION			171	
846	00110	68	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			68	

ESTIMATED QUANTITIES
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 5 | TOTAL 36
SHEET P.1712 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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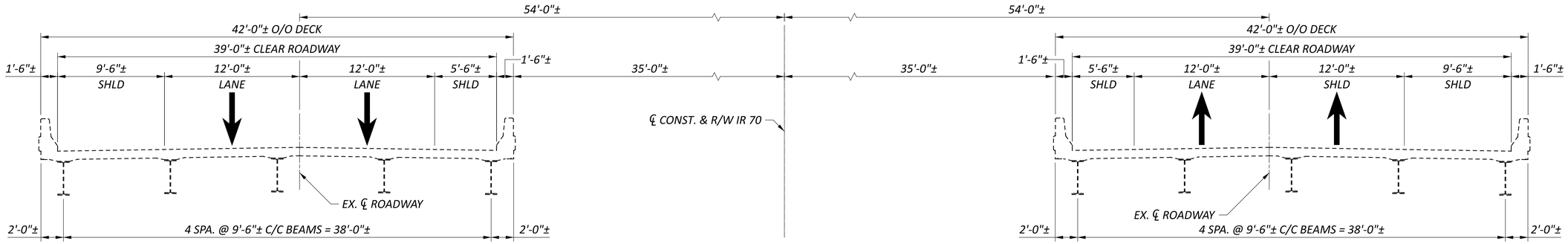
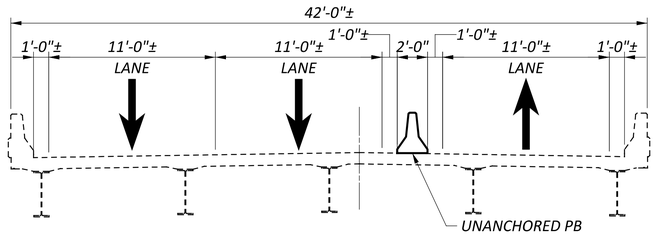
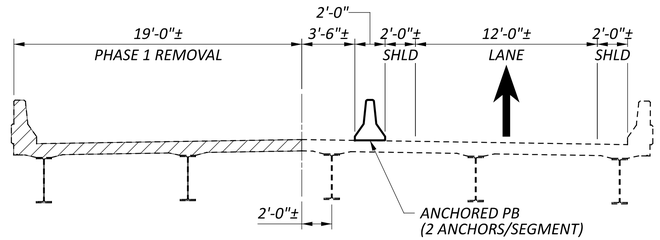


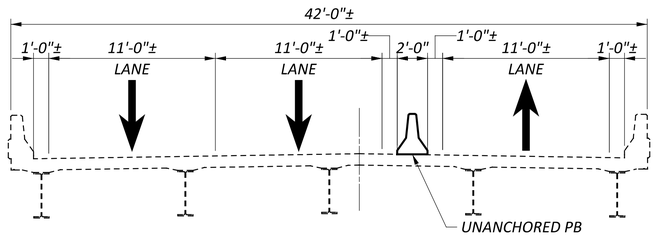
EXISTING BRIDGE SECTION

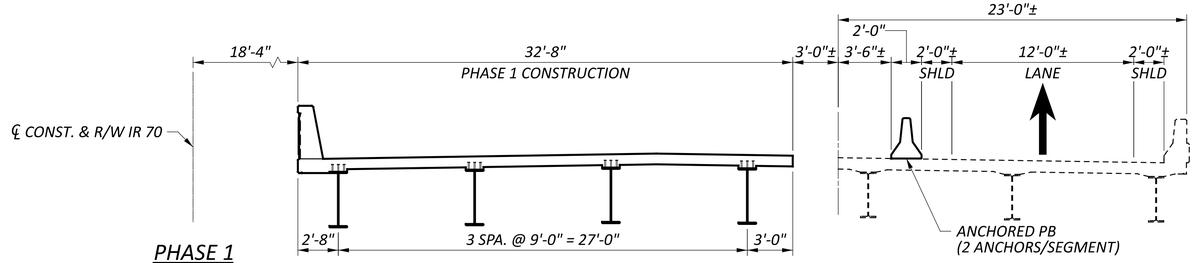




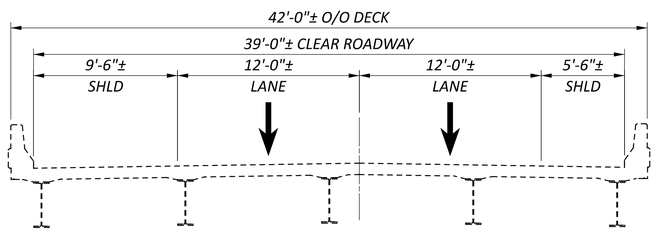


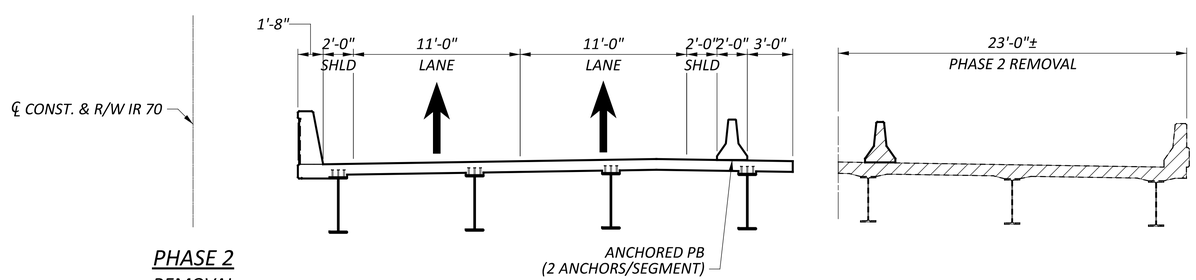
PHASE 1
REMOVAL





PHASE 1
CONSTRUCTION





PHASE 2
REMOVAL

CONSTRUCTION SEQUENCE

PHASE 1:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE PORTIONS OF EX. STRUCTURE. PROVIDE TEMPORARY SHORING TO ACCOMMODATE REMOVAL.
3. CONSTRUCT PORTION OF EB STRUCTURE INCLUDING PORTION OF MSE WALL AND WIRE FACE WALL.

PHASE 2:

1. INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.
2. REMOVE REMAINING PORTION OF EX. EB STRUCTURE.
3. CONSTRUCT REMAINING PORTION OF EX. EB STRUCTURE AND MSE WALL, OTHER THAN DECK AND DIAPHRAGM CLOSURE POUR.
4. CONSTRUCT DECKS AND DIAPHRAGM CLOSURE POUR.

LEGEND:

LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	6
TOTAL	36
SHEET	P.1713
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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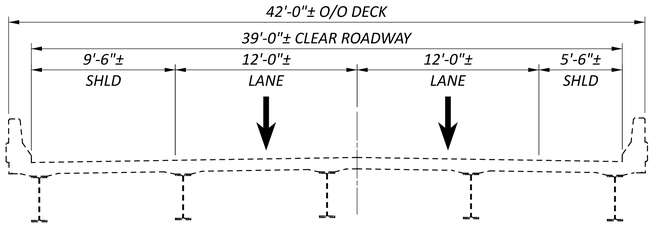
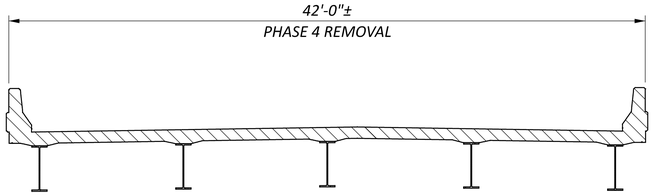
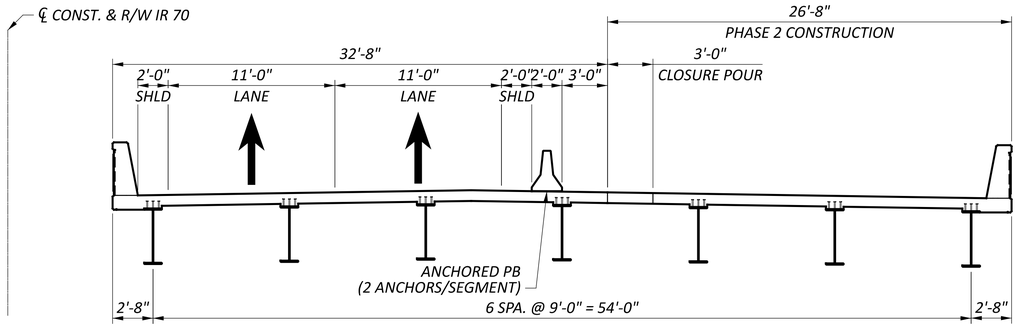
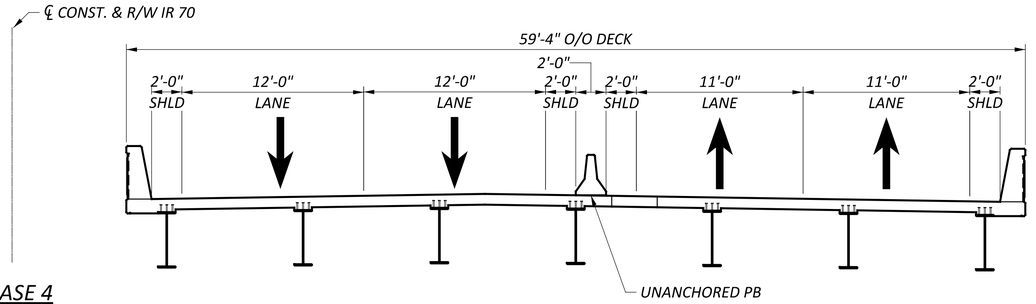


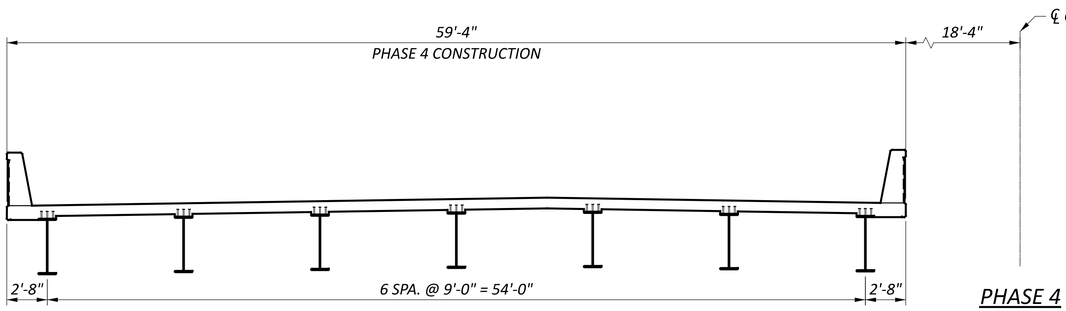


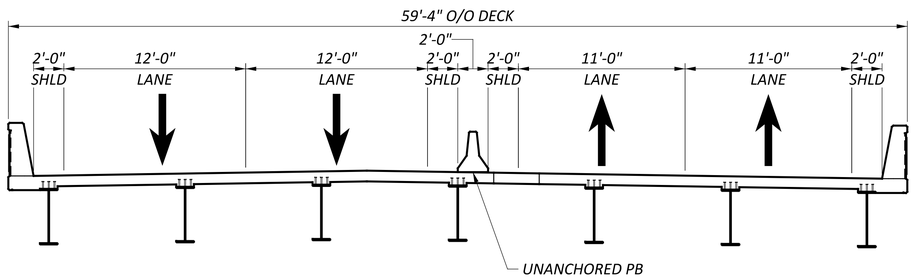


PHASE 2
CONSTRUCTION



PHASE 4
REMOVAL





PHASE 4
CONSTRUCTION

CONSTRUCTION SEQUENCE

PHASE 4:

1. *INSTALL PORTABLE BARRIER AS SHOWN AND PER STD DWG PCB-91 OR RM-4.2.*
2. *REMOVE WB STRUCTURE.*
3. *CONSTRUCT WB STRUCTURE AND REMAINING PORTION OF MSE WALL.*

LEGEND:

LIMITS OF REMOVAL PER ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN

PHASE CONSTRUCTION - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	7
TOTAL	36
SHEET	P.1714
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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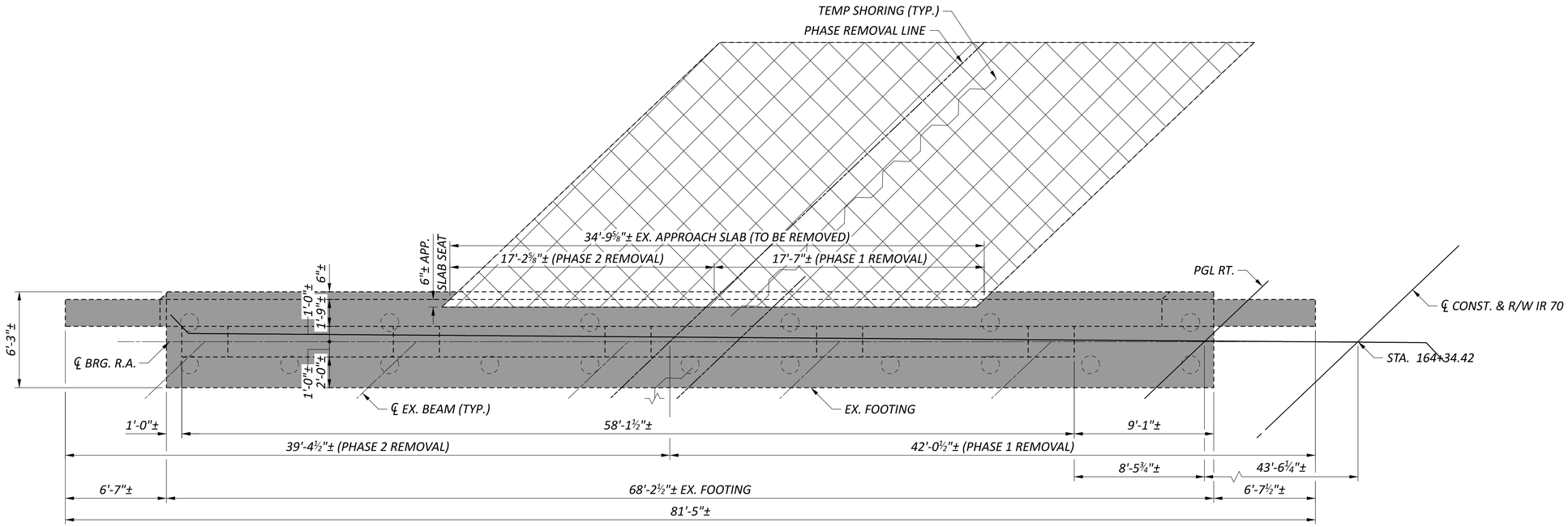
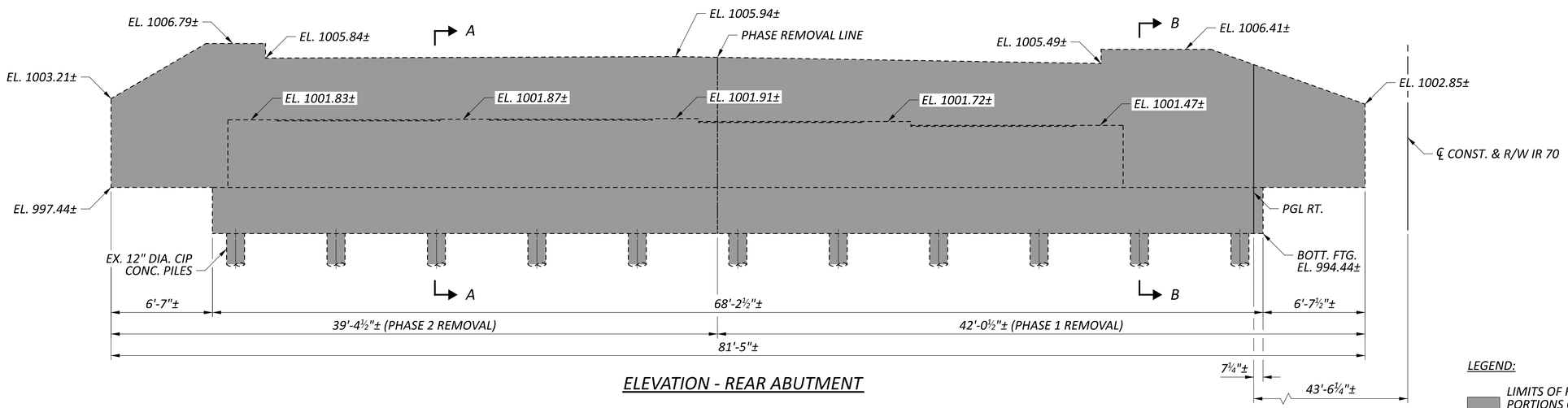


PLAN - REAR ABUTMENT



ELEVATION - REAR ABUTMENT

LEGEND:

- LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN
- LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 10/36.

REMOVAL DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	8
TOTAL	36
SHEET	P.1715
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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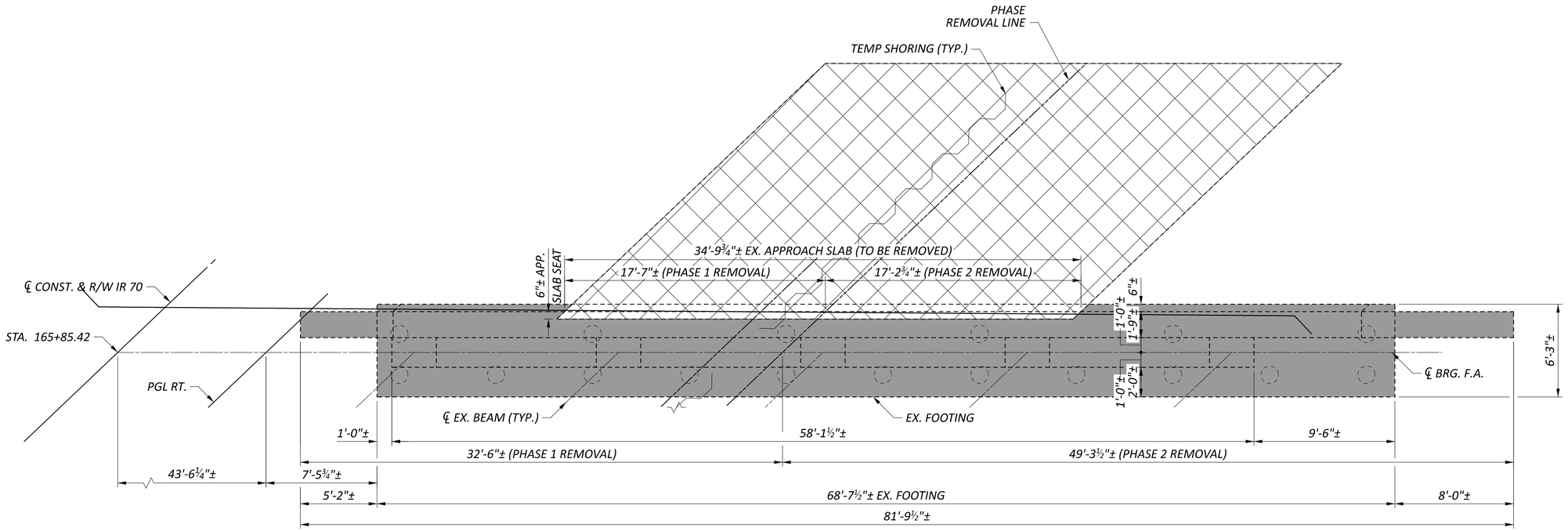
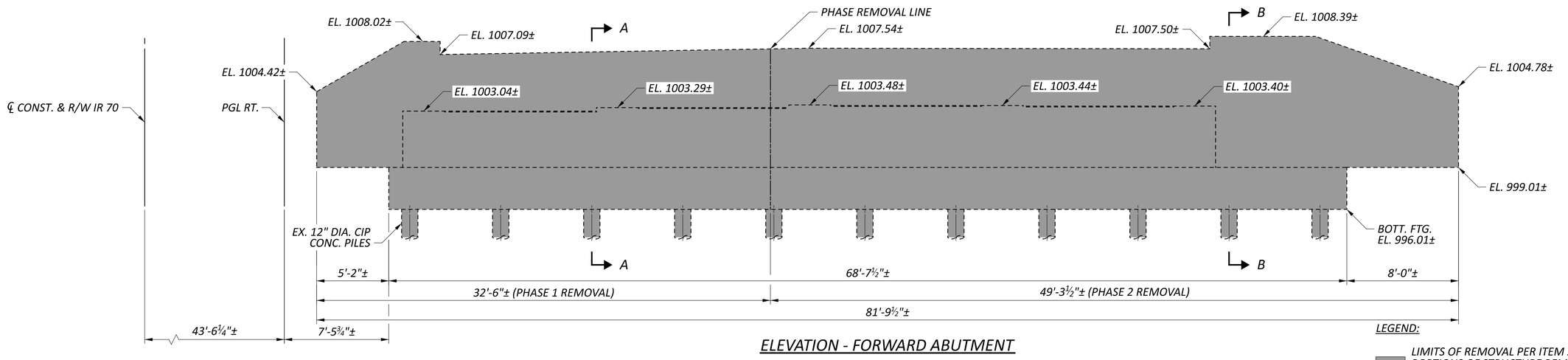


PLAN - FORWARD ABUTMENT



ELEVATION - FORWARD ABUTMENT

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

NOTES:

1. FOR SECTIONS A-A AND B-B, SEE SHEET 10/36.

REMOVAL DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	9
TOTAL	36
SHEET	P.1716
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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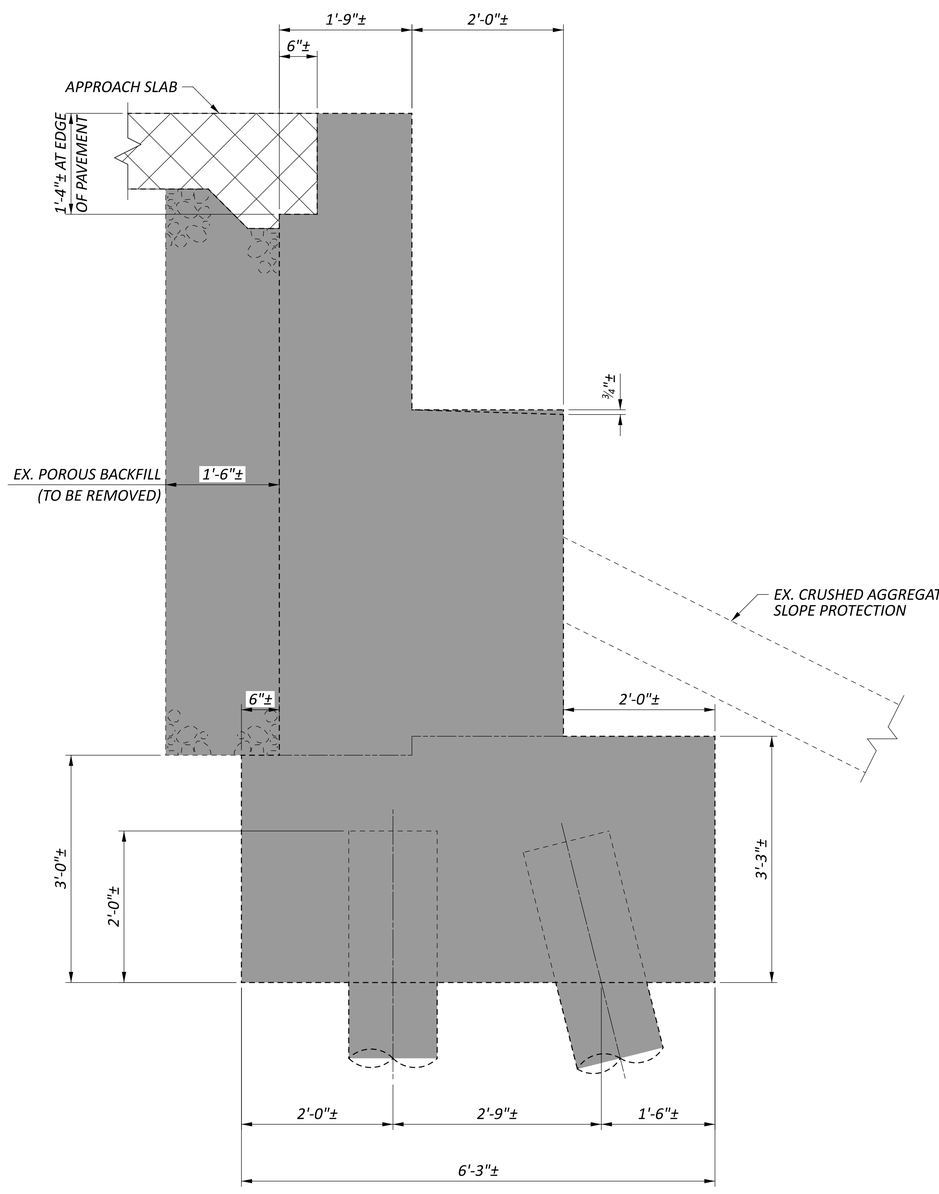
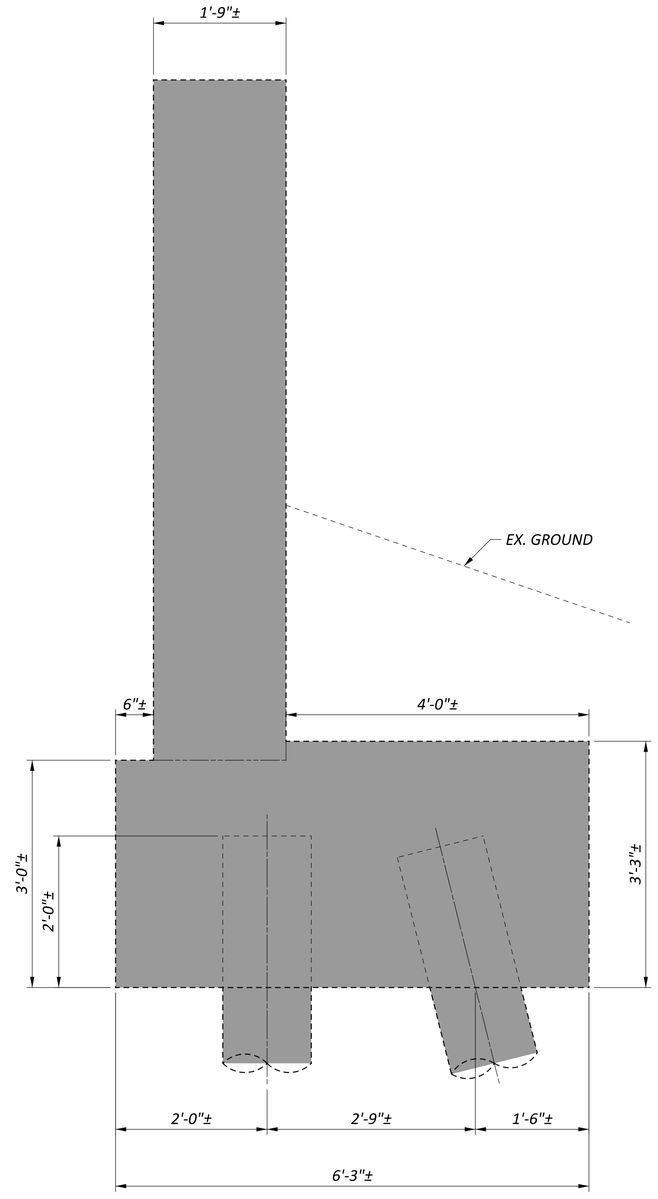


SECTION A-A



SECTION B-B

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

LIMITS OF REMOVAL PER ITEM 202 - APPROACH SLAB REMOVED

REMOVAL DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	10
TOTAL	36
SHEET	P.1717
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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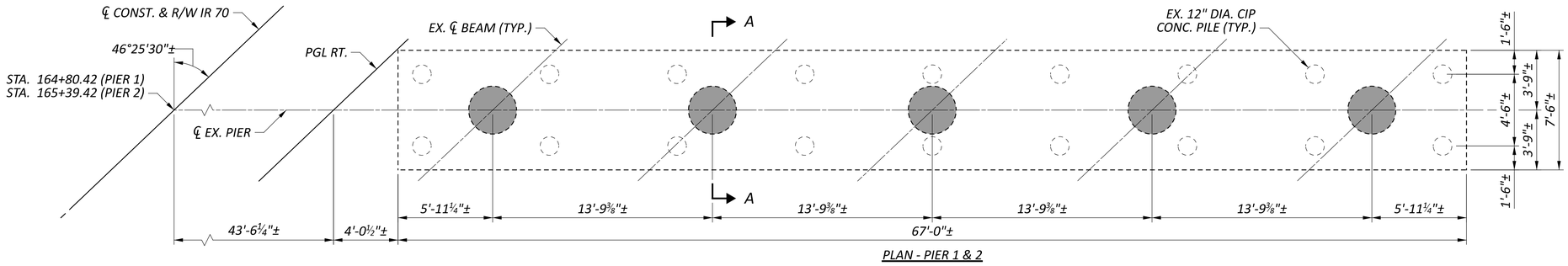
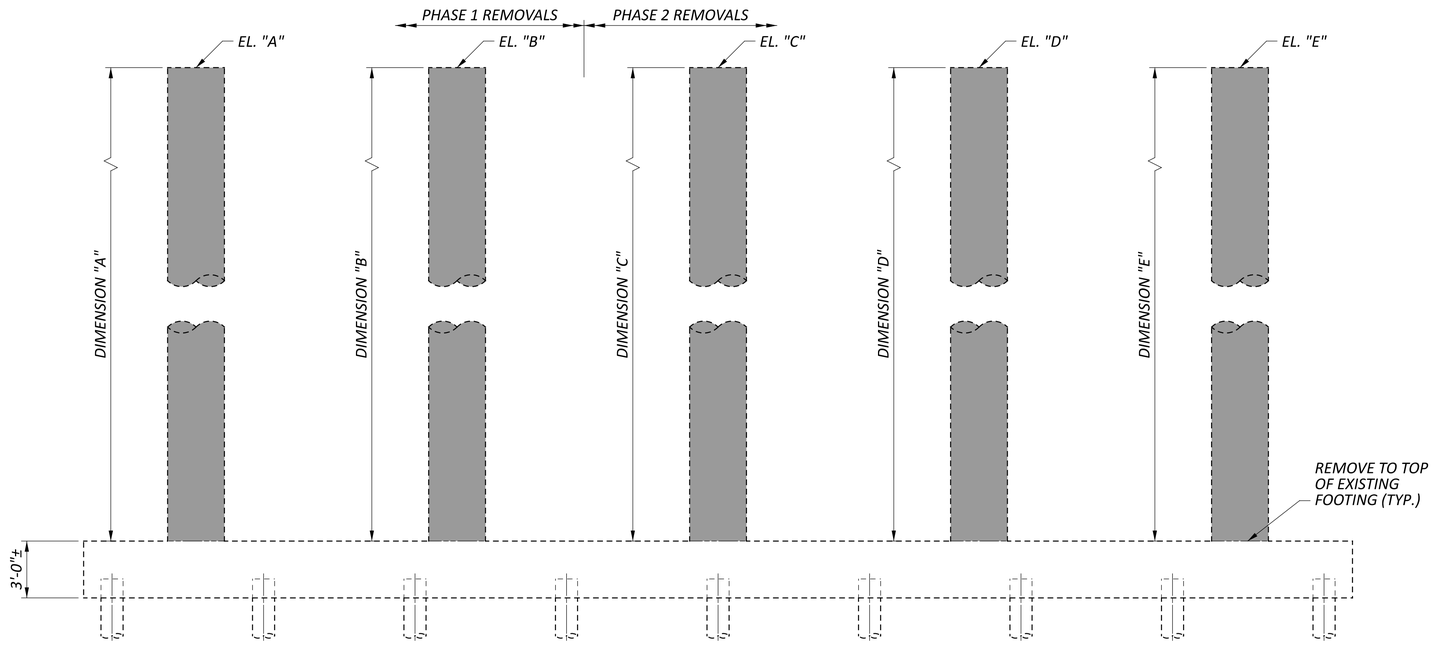
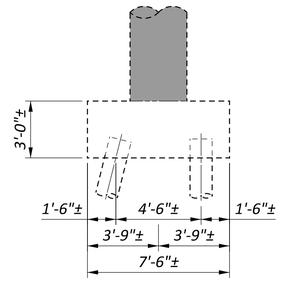


PLAN - PIER 1 & 2



ELEVATION - PIER 1 & 2



SECTION A-A

ELEVATIONS		
	PIER 1	PIER 2
EL. "A"	1001.91±	1002.23±
EL. "B"	1002.16±	1002.48±
EL. "C"	1002.35±	1002.67±
EL. "D"	1002.31±	1002.63±
EL. "E"	1002.26±	1002.58±

DIMENSIONS		
	PIER 1	PIER 2
DIM. "A"	18'-5½"±	17'-10 13/16"±
DIM. "B"	18'-8½"±	18'-1 13/16"±
DIM. "C"	18'-10 13/16"±	18'-4 1/16"±
DIM. "D"	18'-10 5/16"±	18'-3⅜"±
DIM. "E"	18'-9¾"±	18'-3"±

LEGEND:

LIMITS OF REMOVAL PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN

REMOVAL DETAILS - 4
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
11	36

SHEET	TOTAL
P.1718	P.2024

FAI/LIC-70-0.00/0.00

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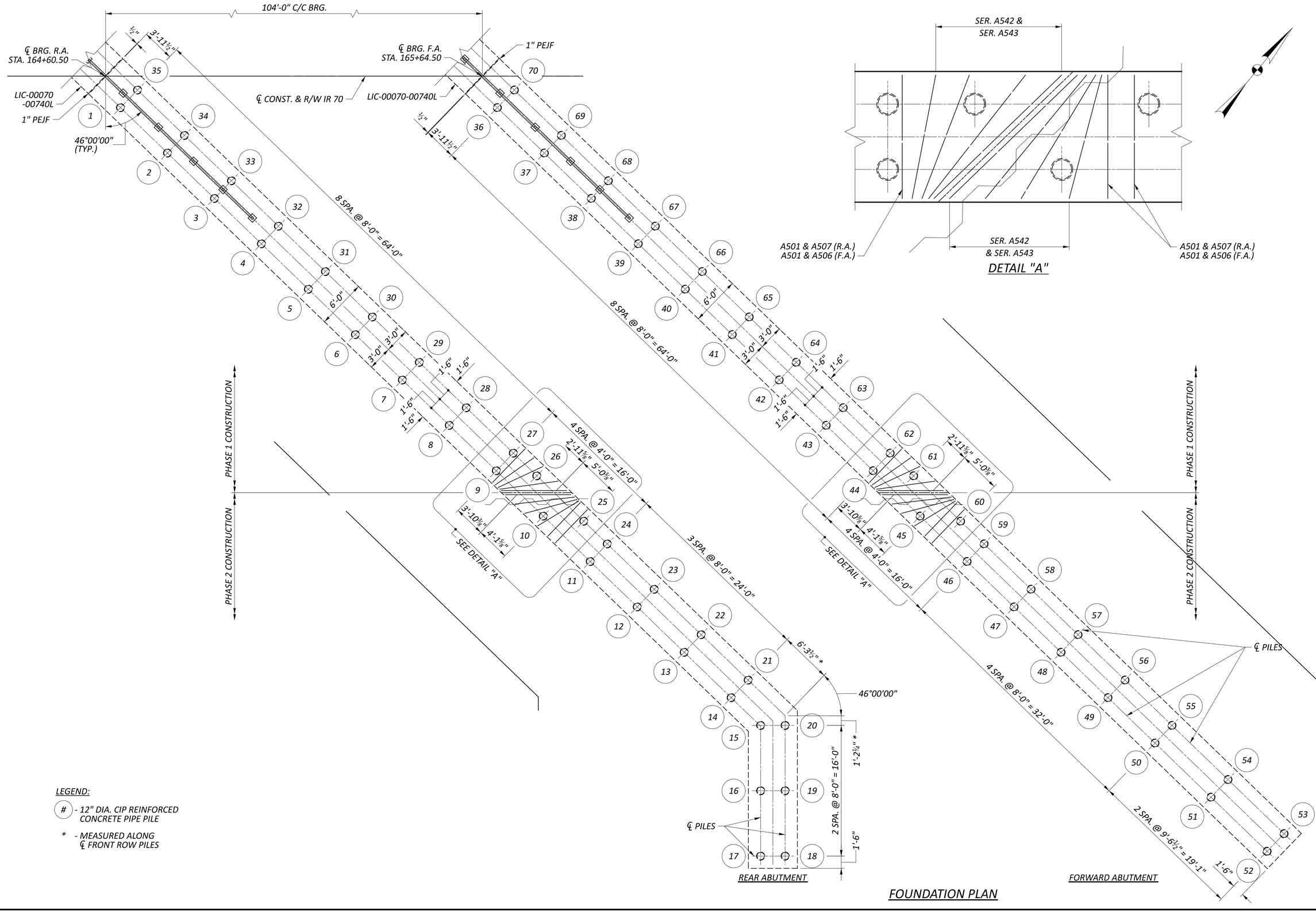

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FOUNDATION PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

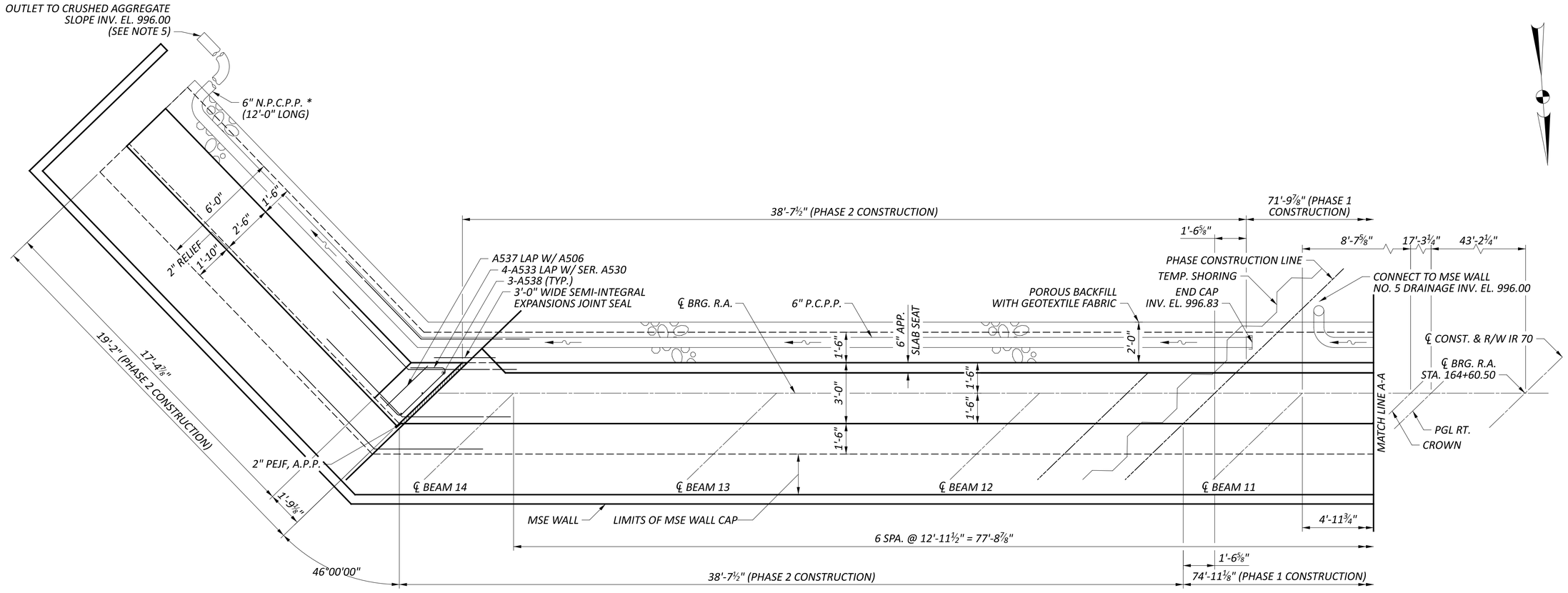
DESIGNER	CHECKER
PEG	ABD

REVIEWER
CLB 08/17/26

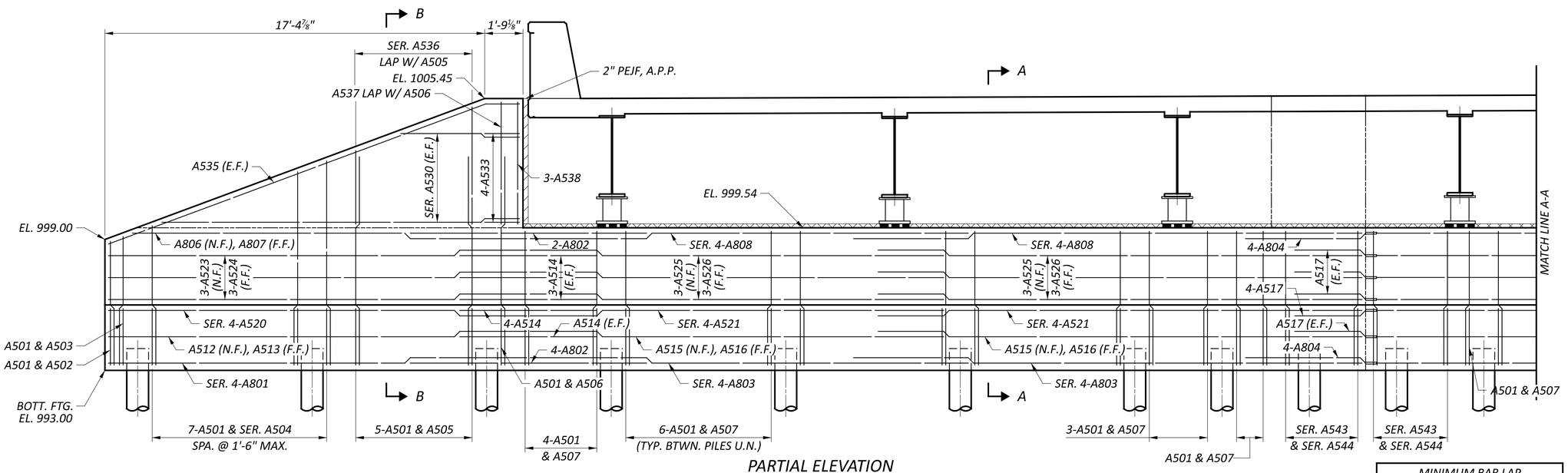
PROJECT ID
96808

SUBSET	TOTAL
12	36

SHEET	TOTAL
P.1719	P.2024



PARTIAL PLAN



PARTIAL ELEVATION

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

LEGEND

* - SLOPE 1/8" PER FOOT TOWARD OUTLET

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/36.
2. FOR DIAPHRAGM DETAILS, SEE SHEETS 26/36 AND 28/36.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 17/36.
4. FOR MATCH LINE A-A, SEE SHEET 14/36.
5. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION (1' THICK, 4' DIAMETER CENTERED ON END OF PIPE) INCLUDED WITH ITEM 518 - 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS.

REAR ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	13
TOTAL	36
SHEET	P.1720
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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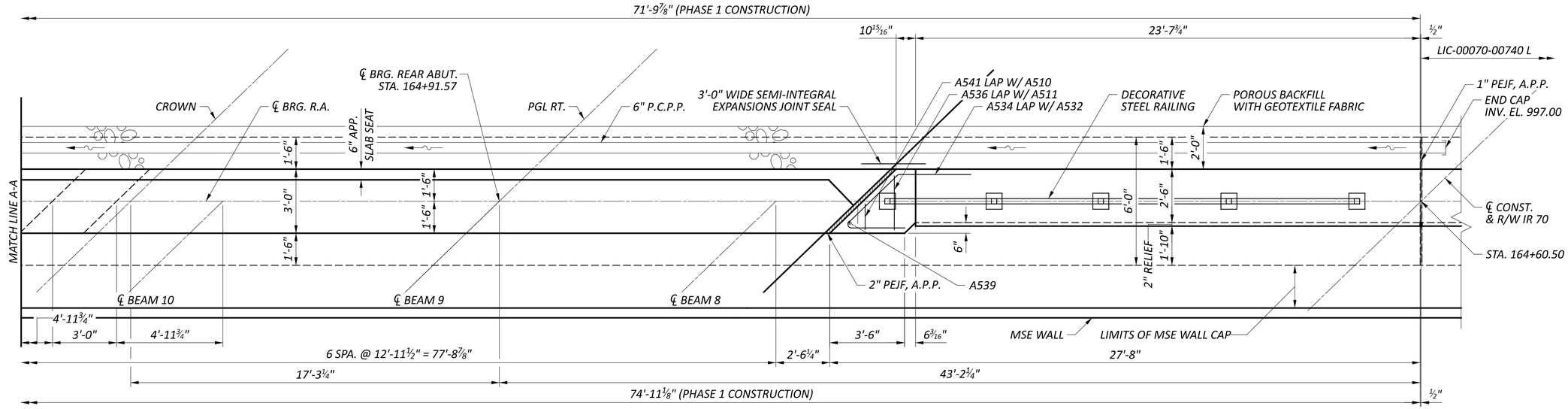
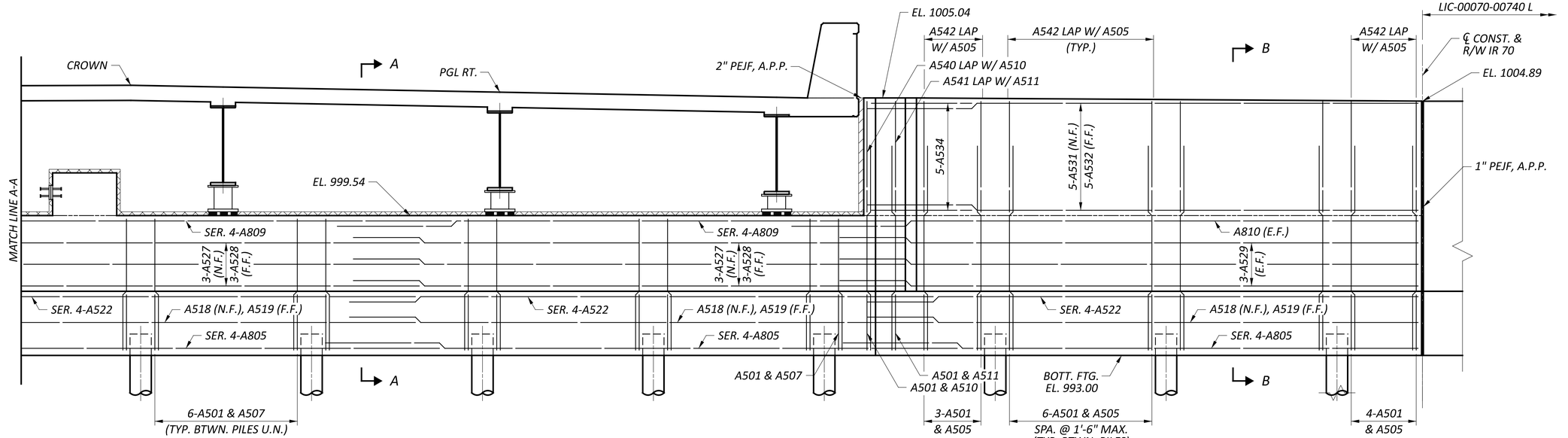


PARTIAL PLAN



PARTIAL ELEVATION

(FENCING NOT SHOWN FOR CLARITY)

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. *FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/36.*
2. *FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/36.*
3. *FOR DIAPHRAGM DETAILS, SEE SHEETS 26/36 AND 28/36.*
4. *FOR SECTIONS A-A AND B-B, SEE SHEET 17/36.*
5. *FOR MATCH LINE A-A, SEE SHEET 13/36.*
6. *FOR ADDITIONAL FENCING DETAILS, SEE STRUCTURE LIC-00070-00740 L SHEET 29/33.*

REAR ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
14	36

SHEET	TOTAL
P.1721	P.2024

FAI/LIC-70-0.00/0.00

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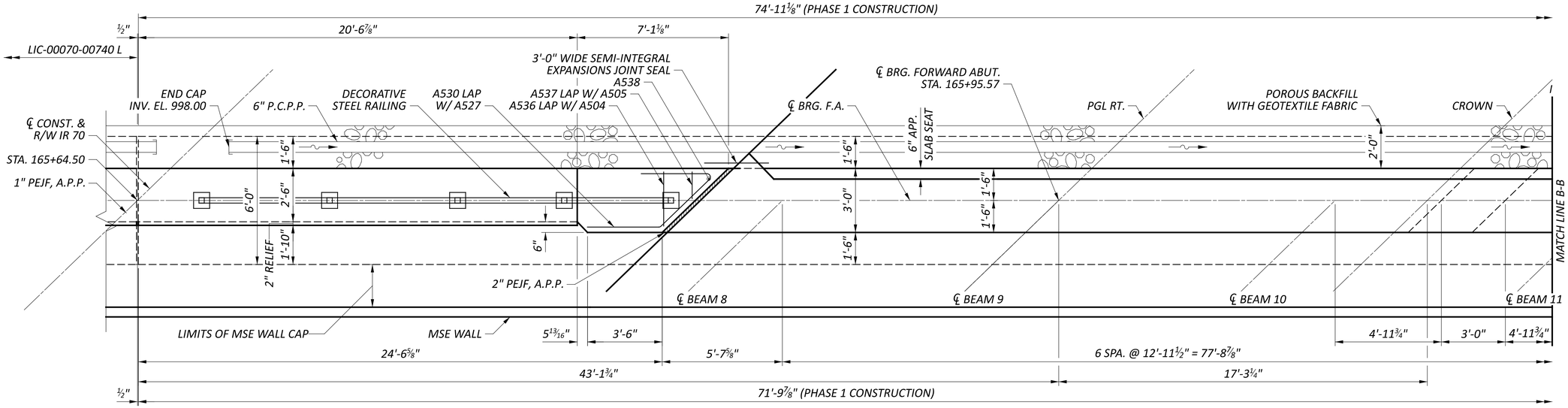
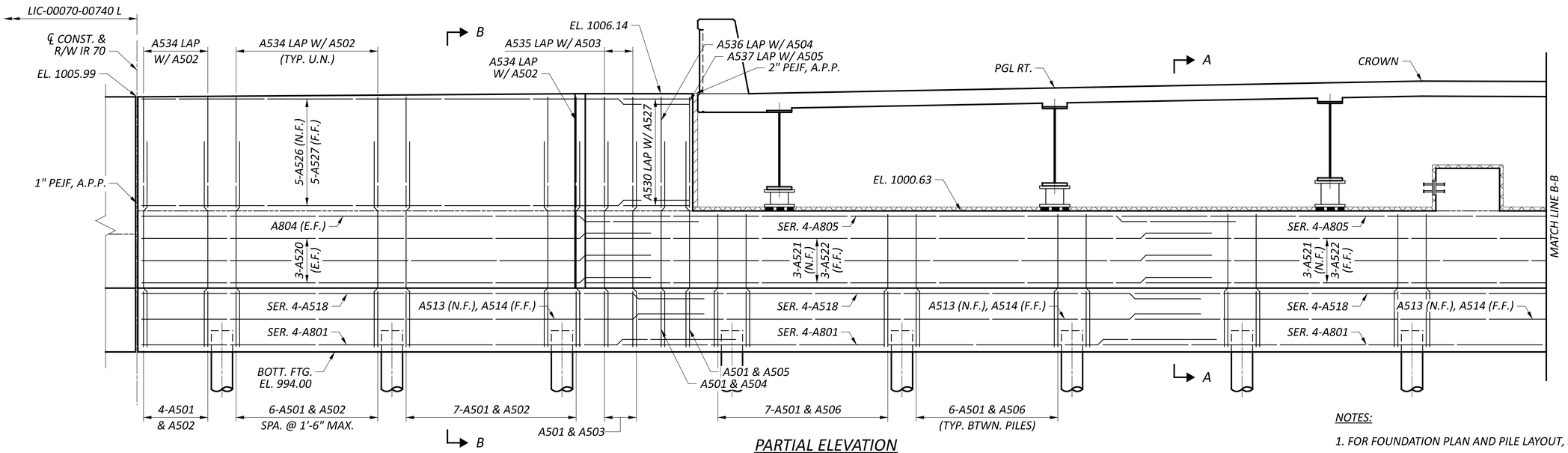


PARTIAL PLAN



PARTIAL ELEVATION

(FENCING NOT SHOWN FOR CLARITY)

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/36.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/36.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 27/36 AND 28/36.
4. FOR SECTIONS A-A AND B-B, SEE SHEET 17/36.
5. FOR MATCH LINE B-B, SEE SHEET 16/36.
6. FOR ADDITIONAL FENCING DETAILS, SEE STRUCTURE LIC-00070-00740 L SHEET 30/33.

FORWARD ABUTMENT PLAN AND ELEVATION - 1

BRIDGE NO. LIC-00070-00740 R

IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY: STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
15	36

SHEET	TOTAL
P.1722	P.2024

FAI/LIC-70-0.00/0.00

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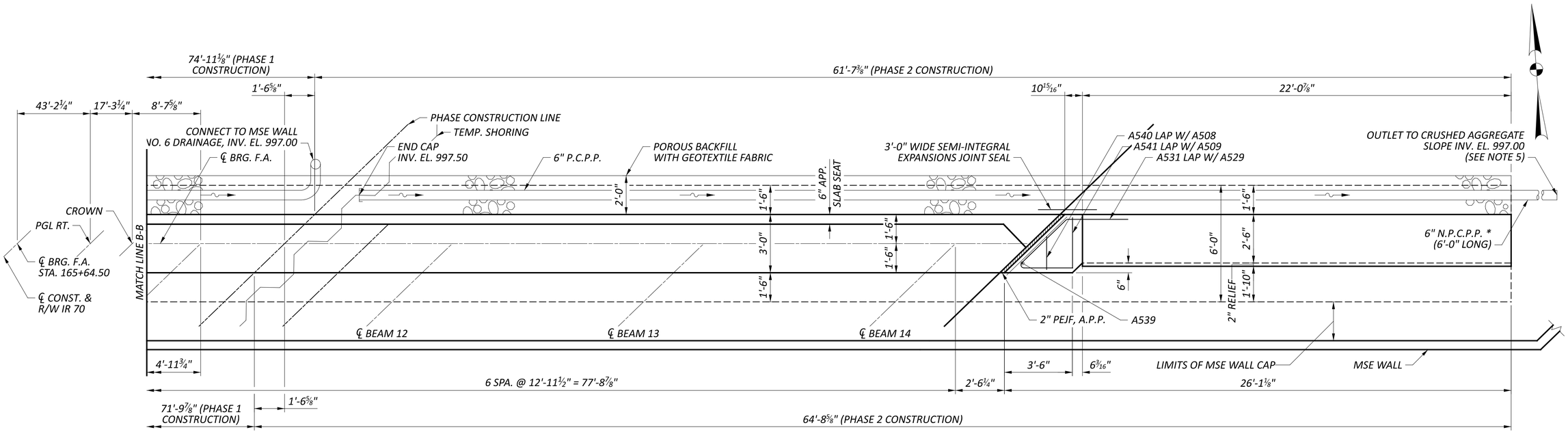
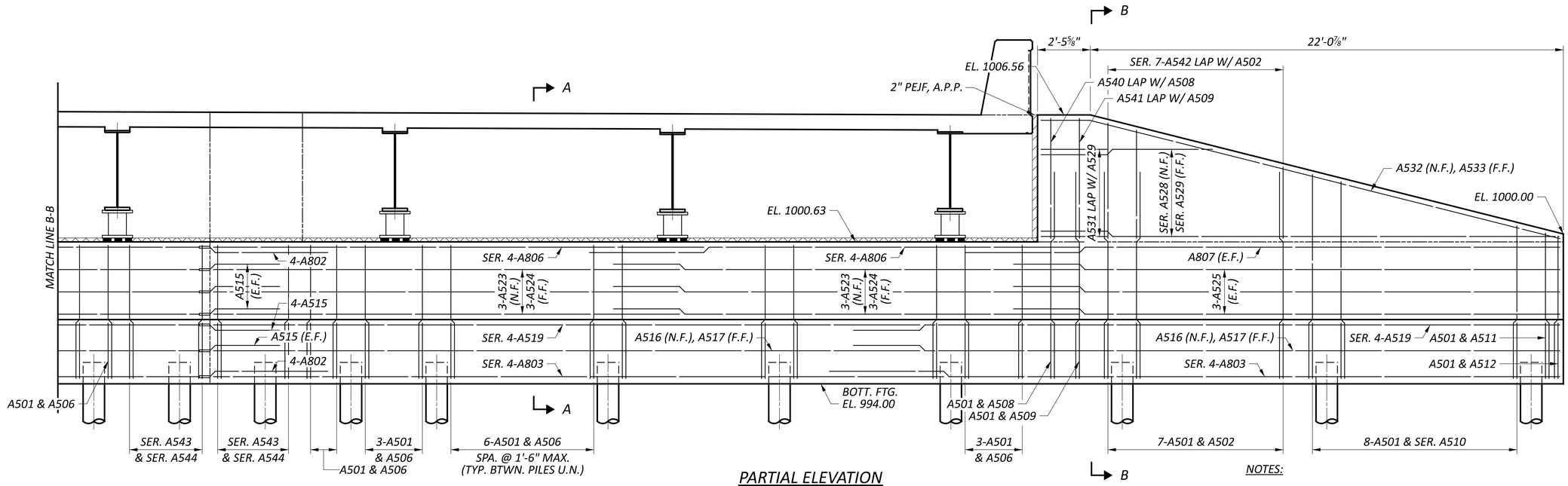


PARTIAL PLAN



PARTIAL ELEVATION

LEGEND

* - SLOPE 1/8" PER FOOT TOWARD OUTLET

MINIMUM BAR LAP	
#5	3'-1"
#8	5'-4"

NOTES:

1. FOR FOUNDATION PLAN AND PILE LAYOUT, SEE SHEET 12/36.
2. FOR DIAPHRAGM DETAILS, SEE SHEET 18/36.
3. FOR SECTIONS A-A AND B-B, SEE SHEET 17/36.
4. FOR MATCH LINE B-B, SEE SHEET 15/36.
5. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION (1' THICK, 4' DIAMETER CENTERED ON END OF PIPE) INCLUDED WITH ITEM 518 - 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS.

FORWARD ABUTMENT PLAN AND ELEVATION - 2

BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

FAI/LIC-70-0.00/0.00

SFN 4502915

DESIGN AGENCY: STRUCTUREPOINT LLC (MEMBER)

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
16	36

SHEET	TOTAL
P.1723	P.2024

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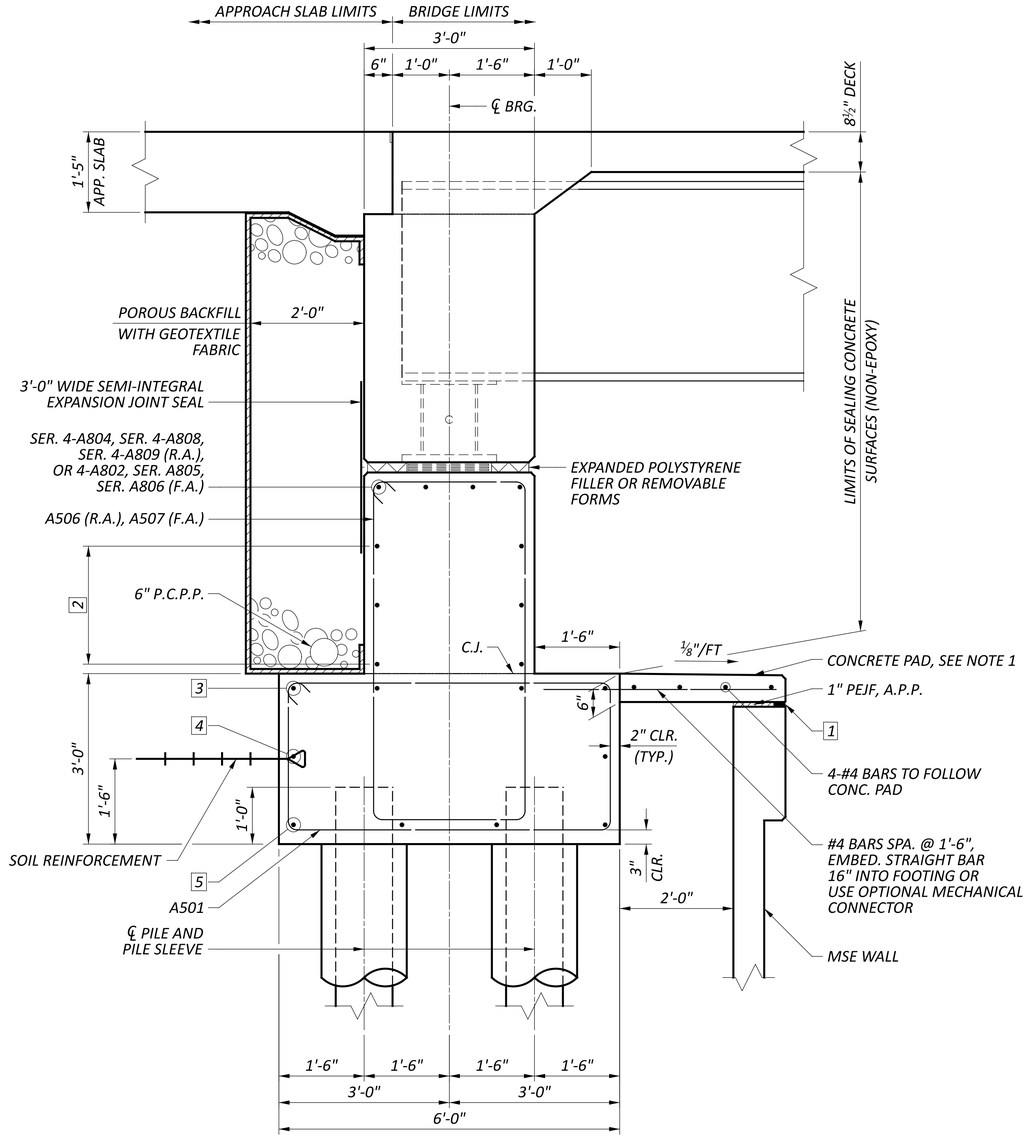
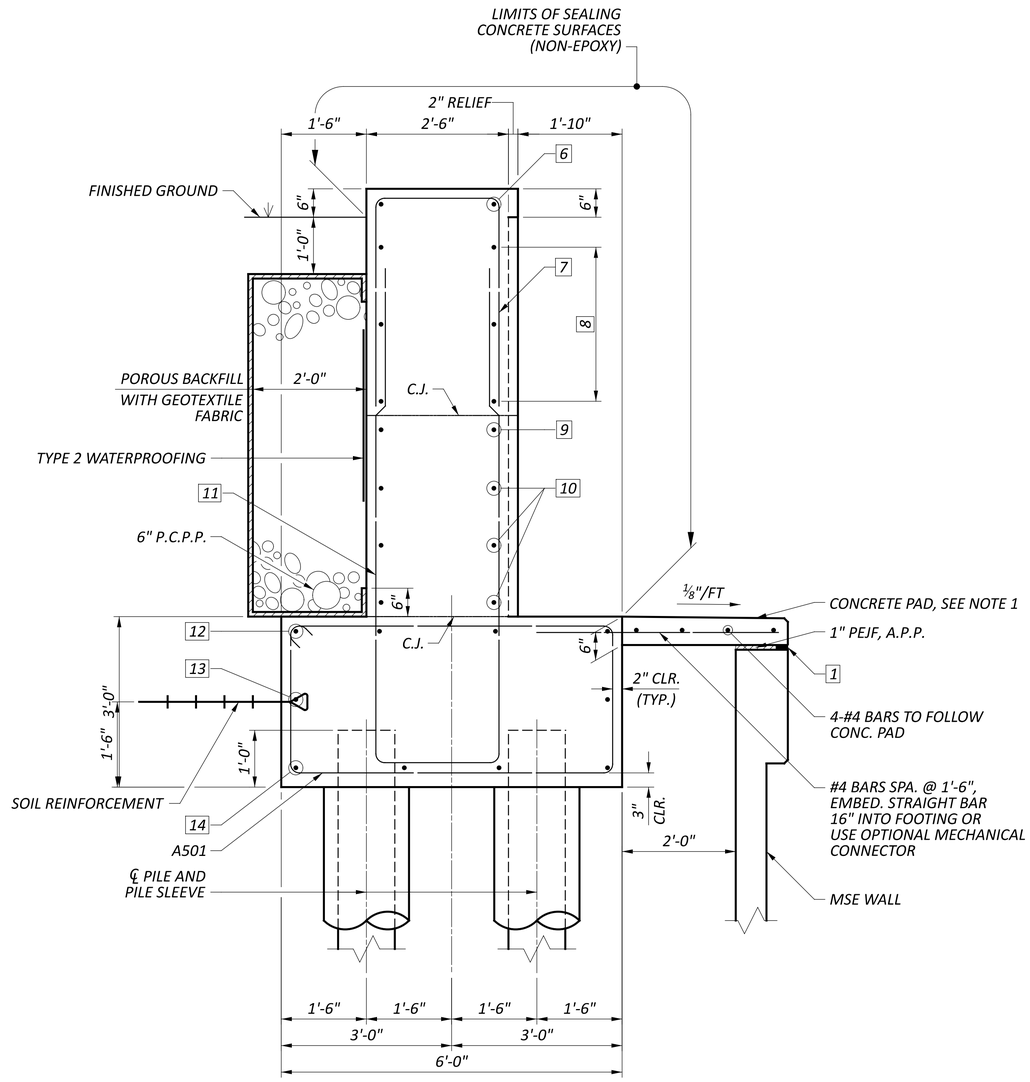


SECTION A-A



SECTION B-B

NOTES:

1. FOR ADDITIONAL CONCRETE PAD INFORMATION, SEE MSE WALL DETAILS.

LEGEND:

1 - 1/2" DECK-O-SEAL GUN GRADE JOINT SEALANT OR APPROVED EQUAL, OVER 1" PEJF, A.P.P. (IN ACCORDANCE WITH ARTICLE 705.03)

2 - 3-A517 (E.F.), 3-A525 (F.F.), 3-A526 (N.F.), OR 3-A527 (F.F.), 3-A528 (F.F.) (R.A.)

3 - 4-A517, SER. 4-A521, SER. 4-A522 (F.A.), OR 4-A515, SER. 4-A518, SER. 4-A519 (F.A.)

4 - A517 (E.F.), A515 (F.F.), A516 (N.F.), A518 (F.F.), A519 (N.F.) (R.A.), OR A515 (E.F.), A513 (F.F.), A514 (N.F.), A515 (F.F.), A516 (N.F.) (F.A.)

5 - SER. 4-A803, 4-A804, SER. 4-A805 (R.A.), OR SER. 4-A801, 4-A802, SER. 4-A803 (F.A.)

6 - A535 (E.F.), A532 (N.F.), A532 (F.F.) (R.A.), OR A526 (N.F.), A527 (F.F.), A532 (N.F.), A533 (F.F.) (F.A.)

7 - SER. 5-A536, A542 (R.A.), OR A534, SER. 7-A542 (F.A.)

8 - SER. A530, A531 (N.F.), A532 (F.F.) (R.A.), OR A526 (N.F.), A527 (F.F.), SER. A528 (N.F.), SER. A529 (F.F.) (F.A.)

9 - A806 (N.F.), A807 (F.F.), A810 (E.F.) (R.A.), OR A804 (E.F.), A807 (E.F.) (F.A.)

10 - A523 (N.F.), A524 (F.F), A529 (E.F) (R.A.), OR A520 (E.F.), A525 (E.F.) (F.A.)

11 - A505 (R.A.) OR A502 (F.A.)

12 - SER. 4-A520, SER. 4-A522 (R.A.), OR SER. 4-A518, SER. 4-A519 (F.A.)

13 - A512 (F.F.), A513 (N.F.), A518 (F.F.), A519 (N.F.) (R.A.), OR A513 (F.F.), A514 (N.F.), A516 (F.F.), A517 (N.F.) (F.A.)

14 - SER. 4-A801, SER. 4-A805 (R.A.), OR SER. 4-A801, SER. 4-A803 (F.A.)

ABUTMENT DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
17	36

SHEET	TOTAL
P.1724	P.2024

FAI/LIC-70-0.00/0.00

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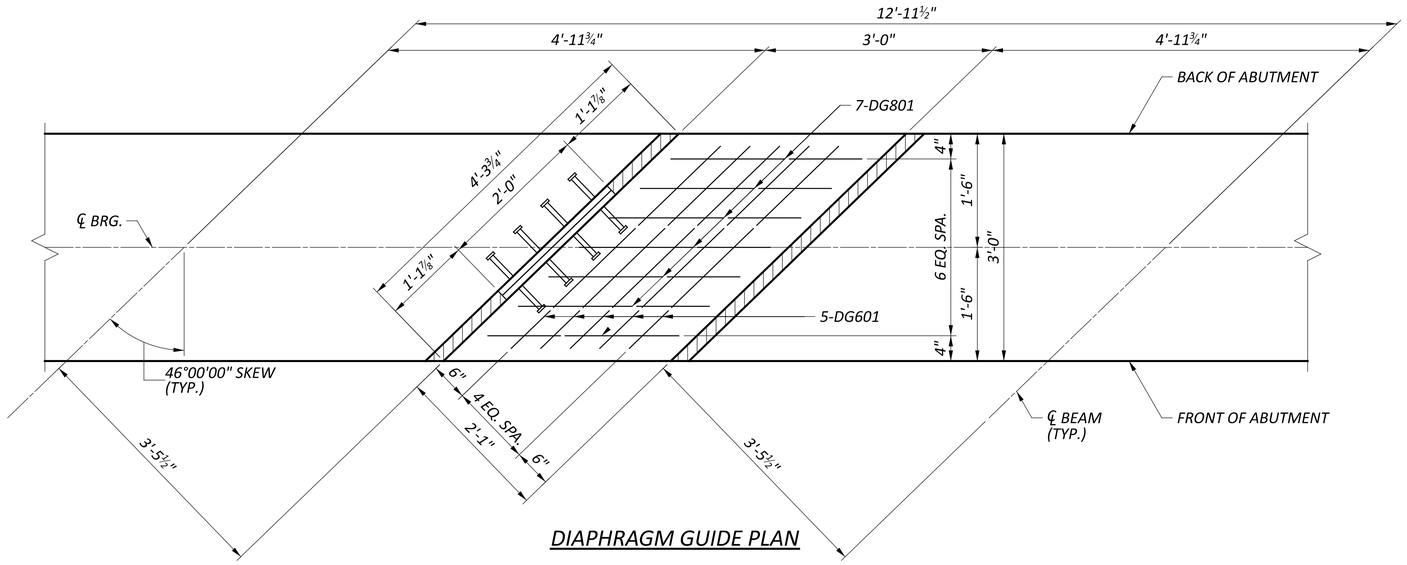
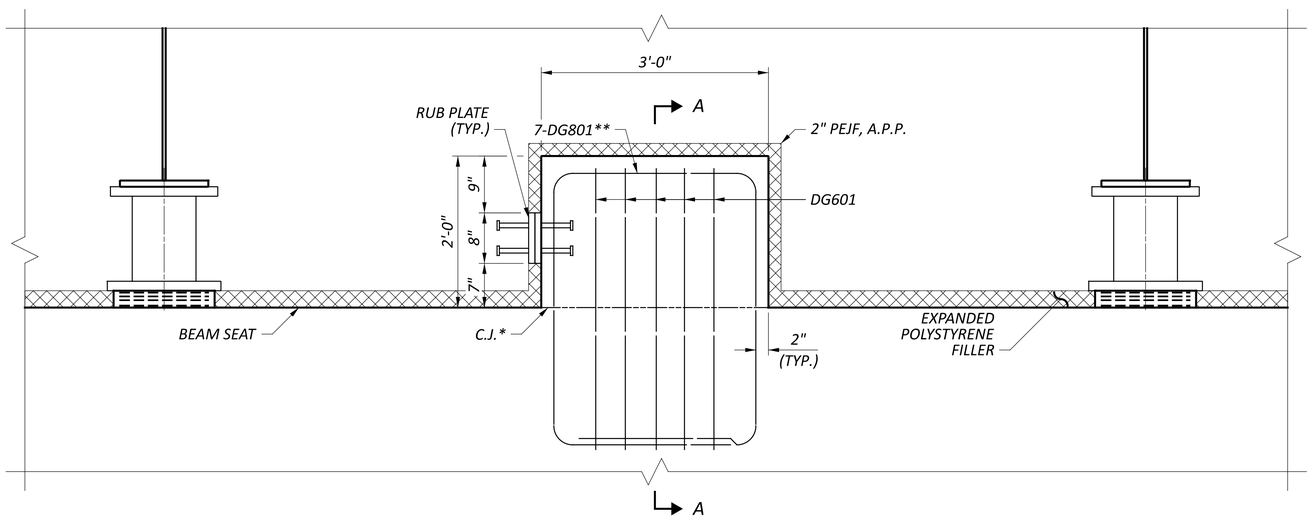
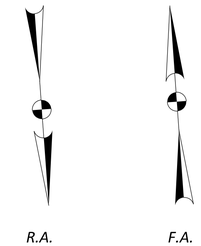
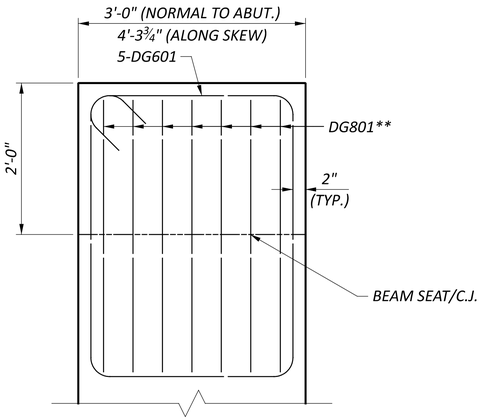


DIAPHRAGM GUIDE PLAN



DIAPHRAGM GUIDE ELEVATION





SECTION A-A

LEGEND:

* - FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEEP.

** - PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.

NOTES:

1. FOR ADDITIONAL DIAPHRAGM GUIDE DETAILS, SEE STANDARD DRAWING SICD-2-14.
2. FOR DIAPHRAGM GUIDE LOCATIONS, SEE SHEETS 14/36 THRU 15/36.
3. FOR DIAPHRAGM DETAILS, SEE SHEETS 26/36 THRU 28/36.

ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC (A WSP FIRM)
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	18
TOTAL	36
SHEET	P.1725
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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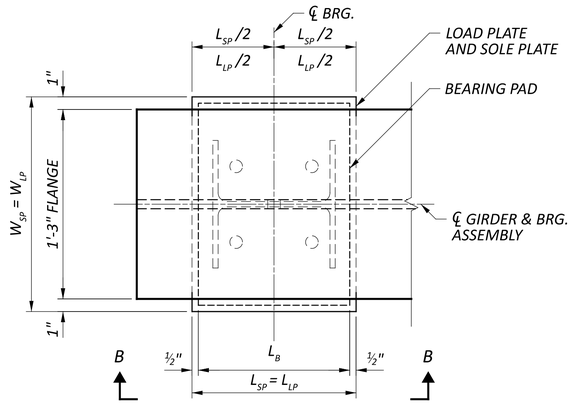
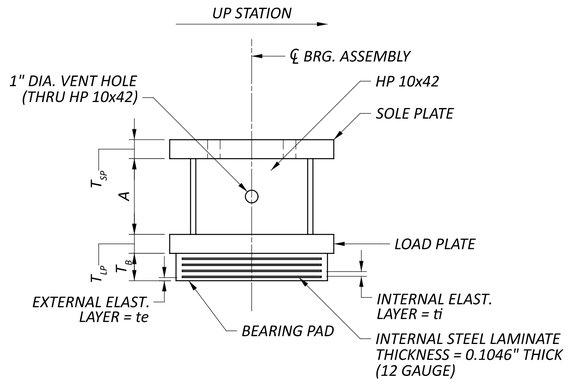
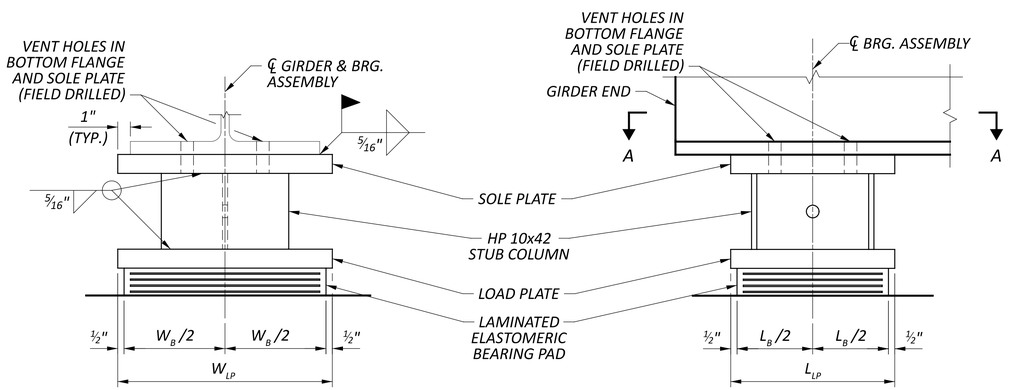
BEARING SCHEDULE										
LOCATION	ASSEMBLY TYPE	NO. OF BEARINGS	SIZE L_B x W_B x T_B	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF te LAYERS	STEEL LOAD PLATE L_{LP} x W_{LP} x T_{LP}	STEEL SOLE PLATE L_{SP} x W_{SP} x T_{SP}
REAR ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"
FWD. ABUT.	EXPANSION	7	1'-0" x 1'-4" x 2.168"	4 (t= 0.1046")	0.375"	4	0.25"	1	1'-1" x 1'-5" x 1½"	1'-1" x 1'-5" x 1½"



SECTION A-A



SECTION B-B



EXPANSION BEARINGS

UNFACTORED BEARING LOADS (KIP)		
	R.A.	F.A.
DEAD LOAD	130.4	130.4
LIVE LOAD	51.1	51.1
TOTAL LOAD	181.5	181.5

HP HEIGHT (INCH)	
GIRDER	A
8	6"
9	$8\frac{7}{8}$"
10	$11\frac{13}{16}$"
11	$12\frac{7}{16}$"
12	$11\frac{7}{8}$"
13	$11\frac{5}{16}$"
14	$10\frac{3}{4}$"

NOTES:

1. ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.
2. THE STEEL PLATES, AND ROLLED SHAPES FOR ELASTOMERIC BEARINGS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS. STRUCTURAL STEEL SOLE PLATES, HP SECTIONS AND LOAD PLATES SHALL BE PAINTED PER CMS 513 AND 514.
3. ITEM 516, ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, SHALL INCLUDE ALL LABOR, MATERIALS, FABRICATION, LOAD PLATE, SOLE PLATE, HP SHAPE, PAINTING, FIELD DRILLING VENT HOLES, AND EQUIPMENT NECESSARY TO COMPLETE THE BEARINGS IN PLACE.
4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.

BEARING DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 19 | TOTAL 36
SHEET P.1726 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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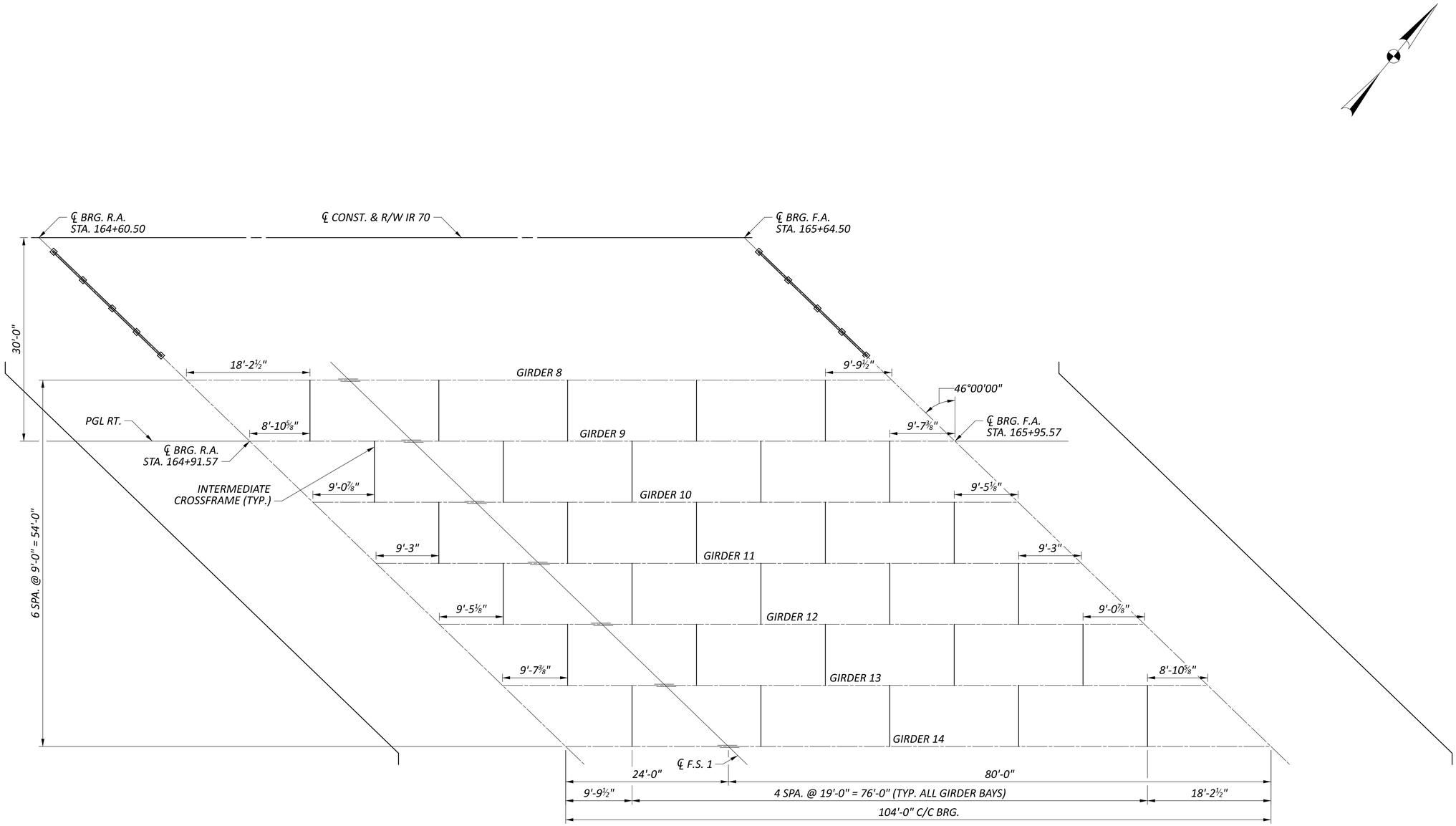

FRAMING PLAN

NOTES:

1. FOR GIRDER DETAILS, SEE SHEETS 21/36 THRU 23/36.
2. FOR TRANSVERSE SECTION, SEE SHEET 24/36.

FRAMING PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	20
TOTAL	36
SHEET	P.1727
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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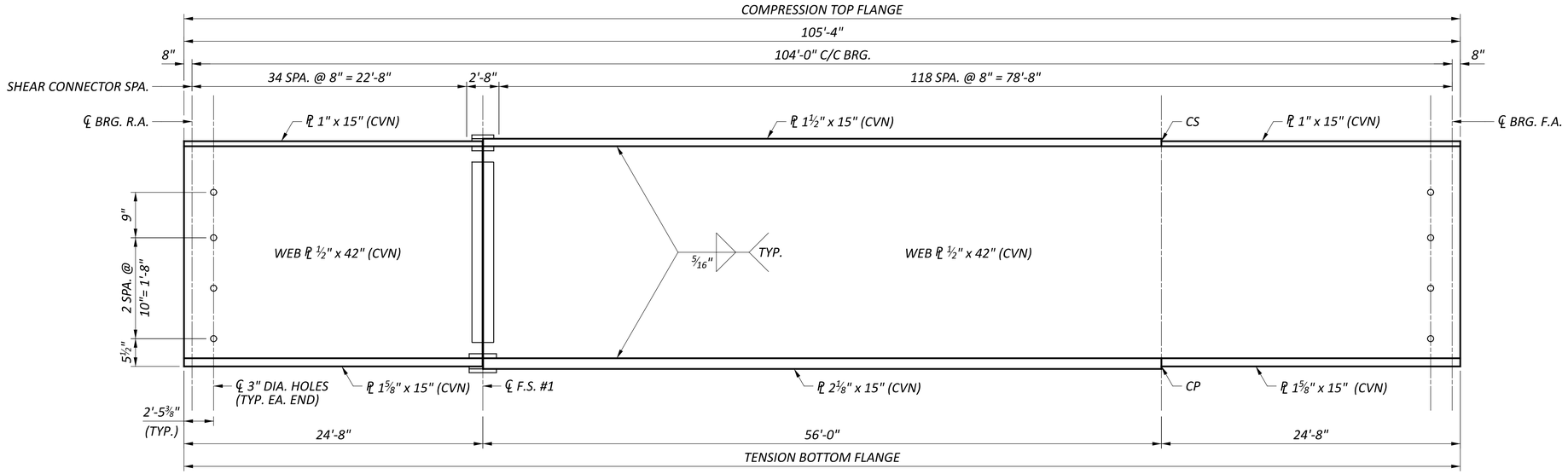
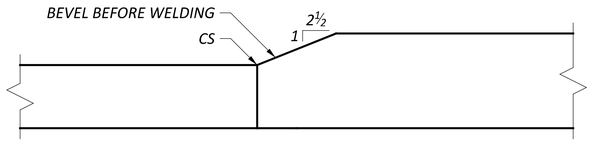
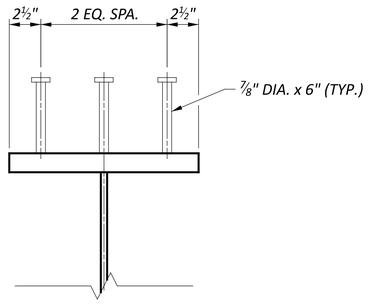


TYPICAL GIRDER ELEVATION



FLANGE WELD DETAIL

(TOP FLANGE SHOWN, BOTTOM SIMILAR)



TYPICAL SHEAR CONNECTOR DETAIL

LEGEND:

CS - INDICATES BUTT WELD SUBJECT TO COMPRESSION STRESSES ONLY

CP - INDICATES COMPLETE JOINT PENETRATION WELD

NOTES:

1. *FOR FRAMING PLAN, SEE SHEET 20/36.*
2. *FOR ADDITIONAL GIRDER DETAILS, SEE SHEETS 22/35 THRU 23/36.*
3. *ALL STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50, YIELD STRENGTH 50 KSI.*
4. *ALL FLANGE AND WEB PLATES, INCLUDING FIELD SPLICE PLATES, CROSS FRAME MEMBERS, AND CROSS FRAME CONNECTION STIFFENERS, SHALL BE DESIGNATED "CVN".*
5. *WHERE A SHAPE OR PLATE IS DESIGNATED "CVN", FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENT AS SPECIFIED IN CMS 711.01.*
6. *ALL BOLTED CONNECTIONS SHALL BE SLIP CRITICAL USING 7/8" DIAMETER A325 GALVANIZED TYPE 1 BOLTS, UNLESS OTHERWISE NOTED. HOLES IN CROSSFRAME CONNECTIONS MAY BE OVERSIZED AT 15/16" DIAMETER IN ONE PLY ONLY.*
7. *AT ALL FIELD SPLICES, BOLT HEADS SHALL BE PLACED ON THE OUTSIDE FACE OF THE EXTERIOR BEAMS, ON THE BOTTOM OF THE BOTTOM FLANGE SPLICE PLATES, AND ON THE TOP OF THE TOP FLANGE SPLICE PLATES.*
8. *GIRDERS AND CROSS FRAMES SHALL BE FABRICATED SUCH THAT WEBS ARE PLUMB UNDER THE STEEL DEAD LOAD CONDITION.*
9. *GIRDER ENDS AT THE ABUTMENTS SHALL BE VERTICAL (PARALLEL TO ABUTMENT FACE) UNDER FULL DEAD LOAD ROTATION.*
10. *FOR STEEL ERECTION, TWO OR MORE GIRDERS MUST BE ERECTED AND FULLY BRACED BEFORE SUSPENDING OPERATIONS. GIRDERS SHALL BE TEMPORARILY ANCHORED, BRACED OR OTHERWISE SUPPORTED TO MAINTAIN STABILITY UNTIL THE CROSSFRAMES ARE CONNECTED.*
11. *COMPLETE JOINT PENETRATION WELDS SHALL BE GROUND SMOOTH IN LONGITUDINAL DIRECTION TO REMOVE WELD REINFORCEMENT.*

GIRDER DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	21
TOTAL	36
SHEET	P.1728
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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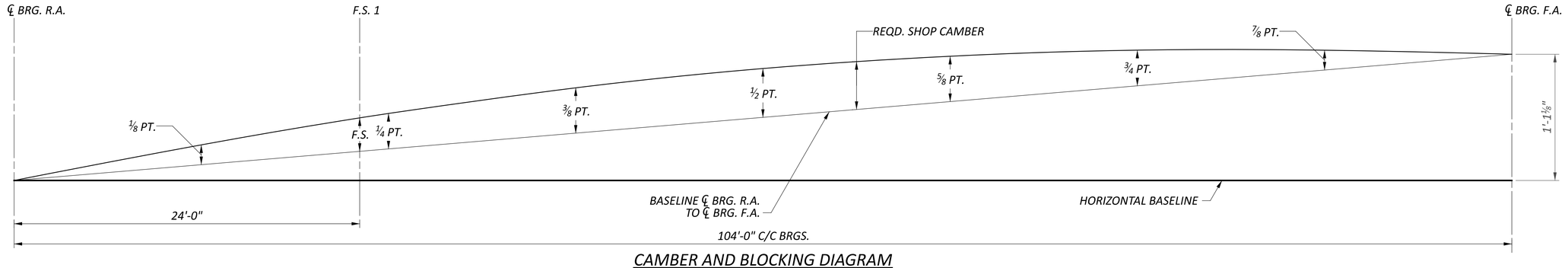
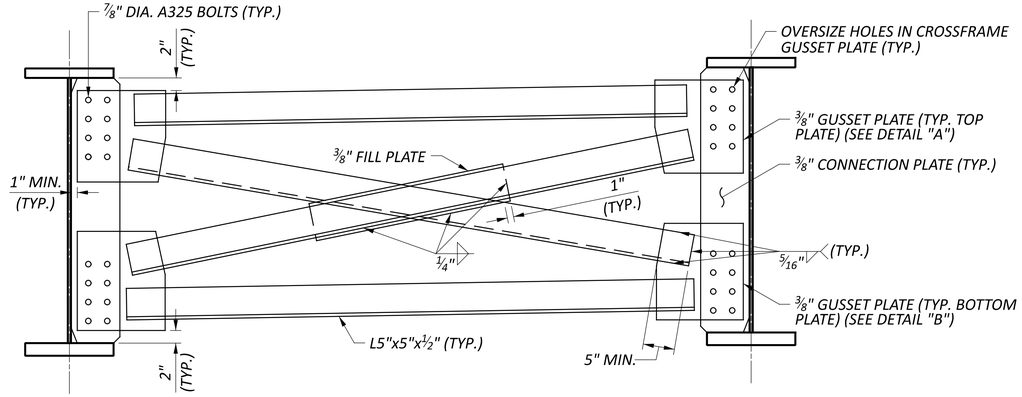
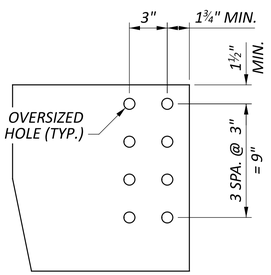
STRUCTURAL STEEL DEFLECTION & CAMBER TABLE										
	℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/8"	5/8"	5/8"	13/16"	7/8"	13/16"	5/8"	3/8"	0"
DEFLECTION DUE TO REMAINING DEADLOAD	0"	1 11/16"	2 7/8"	3 1/16"	3 7/8"	4 3/16"	3 7/8"	3 1/16"	1 11/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	2 1/16"	3 1/2"	3 11/16"	4 11/16"	5 1/16"	4 11/16"	3 11/16"	2 1/16"	0"



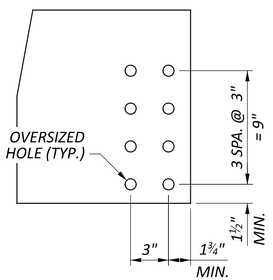
CAMBER AND BLOCKING DIAGRAM



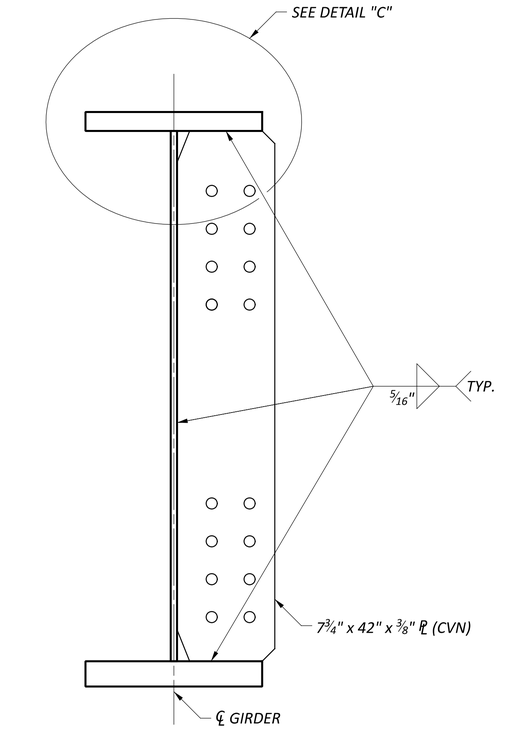
TYPICAL INTERMEDIATE CROSSFRAME



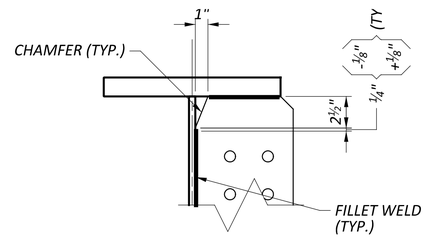
DETAIL "A"



DETAIL "B"



CROSSFRAME CONNECTION PLATE



DETAIL "C"

WELD AND CLIP DETAIL

NOTES:

1. FOR FRAMING PLAN, SEE SHEET 20/36.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 21/36.
3. FOR ADDITIONAL INTERMEDIATE CROSSFRAME DETAILS, SEE STANDARD DRAWING GSD-1-19.

GIRDER DETAILS - 2

BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	JCS

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
22	36

SHEET	TOTAL
P.1729	P.2024

FAI/LIC-70-0.00/0.00

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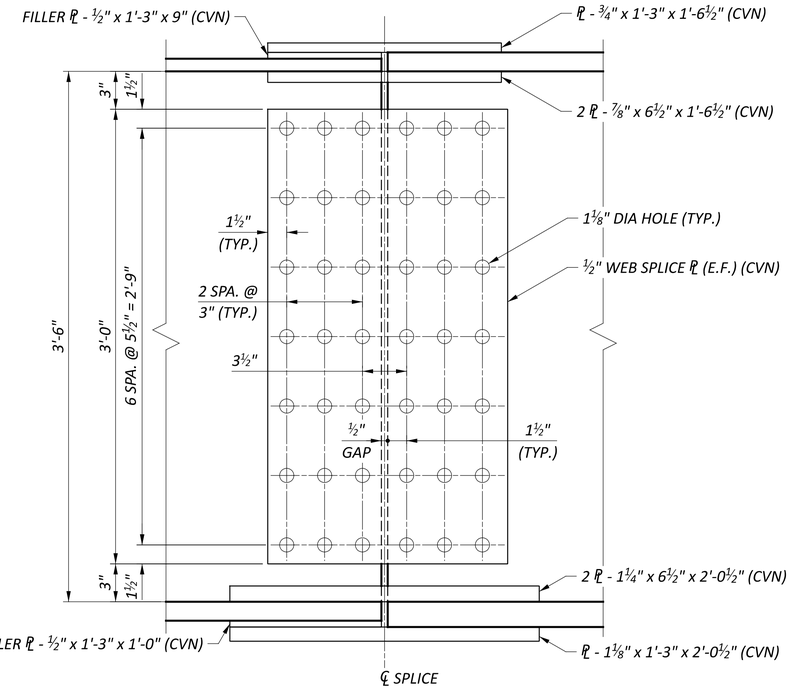
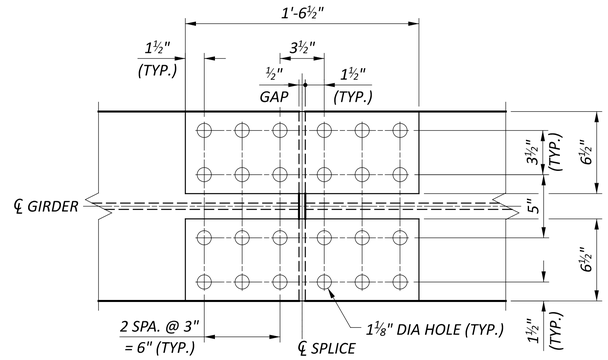
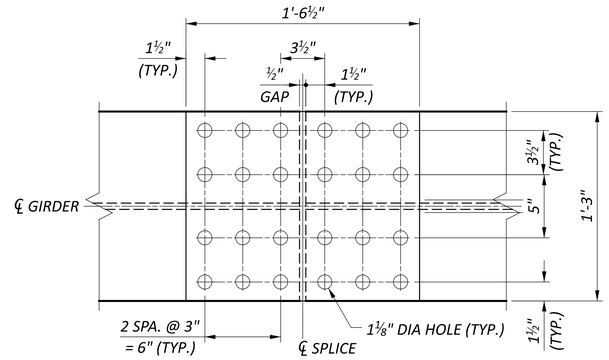


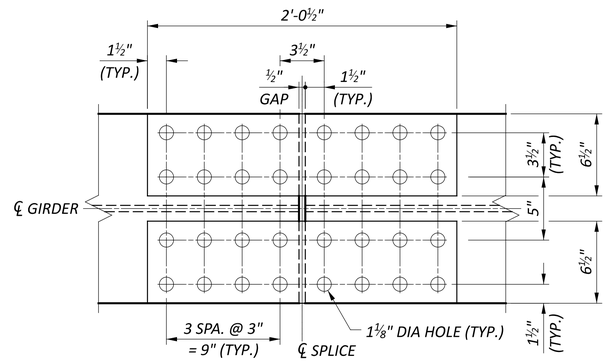
WEB PLATE



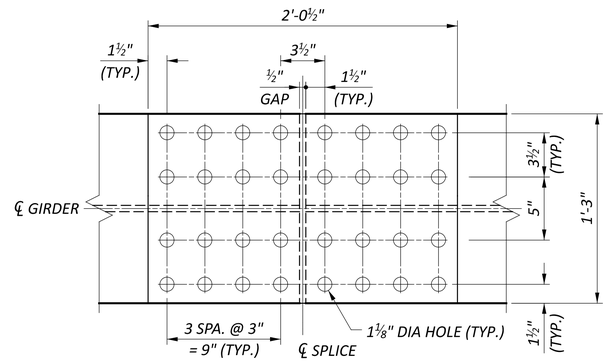
TOP FLANGE INNER PLATES



TOP FLANGE OUTER PLATE



TOP FLANGE INNER PLATES



BOTTOM FLANGE OUTER PLATE

NOTES:

1. FOR FRAMING PLAN, SEE SHEET 20/36.
2. FOR GIRDER ELEVATION AND ADDITIONAL NOTES, SEE SHEET 21/36.
3. ALL FIELD SPLICE BOLTS SHALL BE HIGH STRENGTH 1" DIA. ASTM A325 BOLTS.

GIRDER DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	PEG
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	23
TOTAL	36
SHEET	P.1730
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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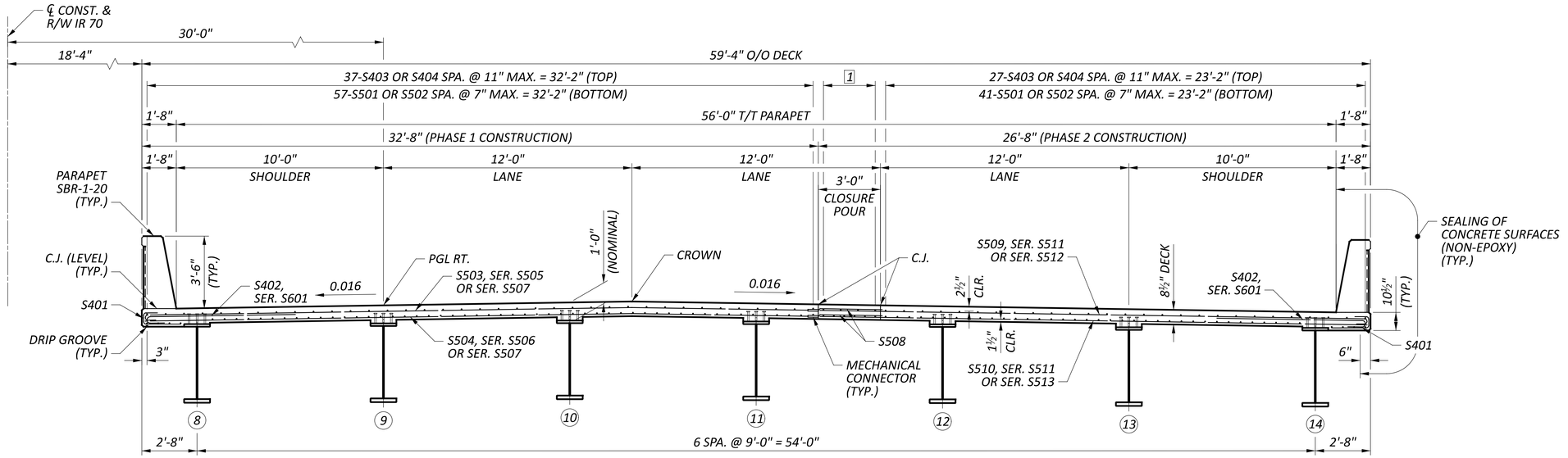

TRANSVERSE SECTION

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

LEGEND:

1 - 4-S403 OR S404 SPA. @ 11" MAX. = 2'-6" (TOP)
6-S501 OR S502 SPA. @ 7" MAX. = 2'-6" (BOTTOM)

(#) - PROPOSED GIRDER NUMBER

NOTES:

1. FOR DECK PLAN, SEE SHEET 25/36.
2. FOR PARAPET DETAILS, SEE SHEET 31/36.
3. FOR INTERMEDIATE CROSSFRAME DETAILS, SEE SHEET 22/36.
4. THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF CONCRETE THAT FORMS EACH BEAM/GIRDER HAUNCH. THE ESTIMATE ASSUMES A VARIABLE HAUNCH THICKNESS AND A HAUNCH WIDTH EQUAL TO THE TOP FLANGE WIDTH. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.
5. THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF BEAM/GIRDER, FROM THE SURFACE OF THE DECK TO THE TOP OF THE TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.

TRANSVERSE SECTION
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 24 | TOTAL 36
SHEET P.1731 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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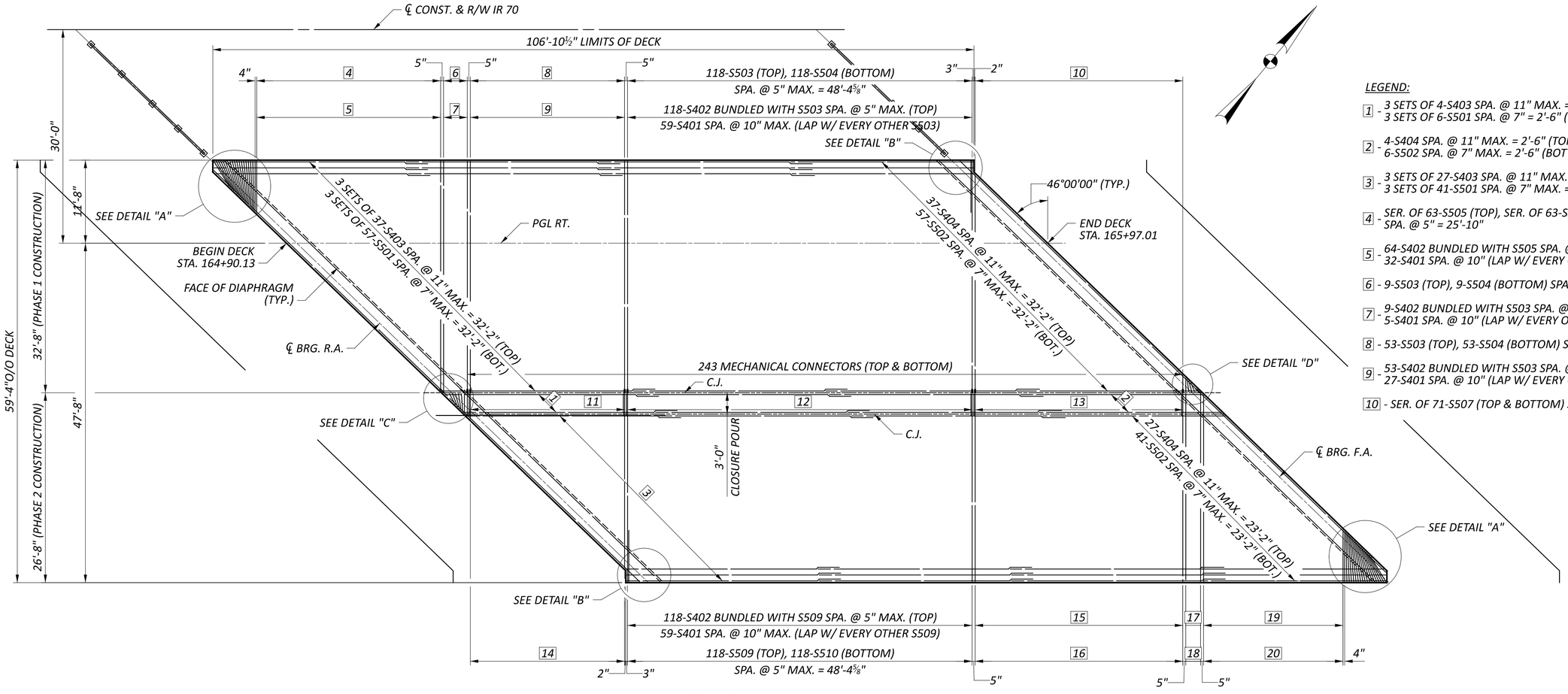


DECK PLAN

LEGEND:

1 - 3 SETS OF 4-S403 SPA. @ 11" MAX. = 2'-6" (TOP)
3 SETS OF 6-S501 SPA. @ 7" = 2'-6" (BOTTOM)

2 - 4-S404 SPA. @ 11" MAX. = 2'-6" (TOP)
6-S502 SPA. @ 7" MAX. = 2'-6" (BOTTOM)

3 - 3 SETS OF 27-S403 SPA. @ 11" MAX. = 23'-2" (TOP)
3 SETS OF 41-S501 SPA. @ 7" MAX. = 23'-2" (BOTTOM)

4 - SER. OF 63-S505 (TOP), SER. OF 63-S506 (BOTTOM)
SPA. @ 5" = 25'-10"

5 - 64-S402 BUNDLED WITH S505 SPA. @ 5" (TOP)
32-S401 SPA. @ 10" (LAP W/ EVERY OTHER S505)

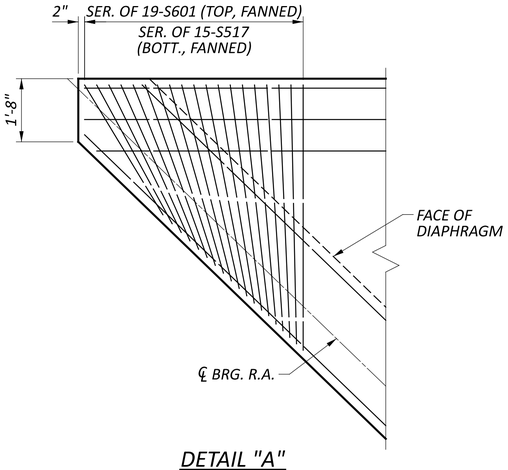
6 - 9-S503 (TOP), 9-S504 (BOTTOM) SPA. @ 5" = 3'-4"

7 - 9-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
5-S401 SPA. @ 10" (LAP W/ EVERY OTHER S503)

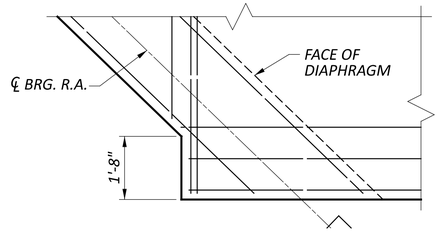
8 - 53-S503 (TOP), 53-S504 (BOTTOM) SPA. @ 5" = 21'-8"

9 - 53-S402 BUNDLED WITH S503 SPA. @ 5" (TOP)
27-S401 SPA. @ 10" (LAP W/ EVERY OTHER S503)

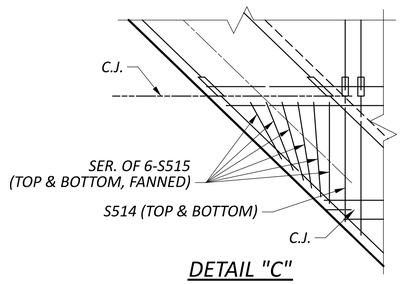
10 - SER. OF 71-S507 (TOP & BOTTOM) SPA. @ 5" = 29'-2"



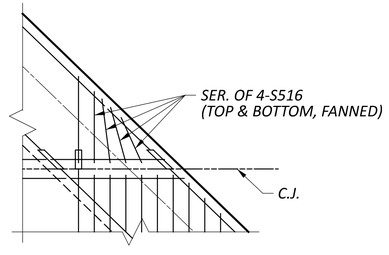
DETAIL "A"
(NW CORNER SHOWN, SE CORNER SIMILAR)



DETAIL "B"
(SW CORNER SHOWN, NE CORNER SIMILAR)



DETAIL "C"



DETAIL "D"

LEGEND (CONT.):

11 - 53-S508 (TOP & BOTTOM) SPA. @ 5" = 21'-8"

12 - 118-S508 (TOP & BOTTOM) SPA. @ 5" MAX. = 48'-4⅝"

13 - 71-S508 (TOP & BOTTOM) SPA. @ 5" = 29'-2"

14 - SER. OF 53-S511 (TOP & BOTTOM) SPA. @ 5" = 21'-8"

15 - 71-S402 BUNDLED WITH S509 SPA. @ 5" (TOP)
36-S401 SPA. @ 10" (LAP W/ EVERY OTHER S509)

16 - 71-S509 (TOP), 71-S510 (BOTTOM) SPA. @ 5" = 29'-2"

17 - 6-S402 BUNDLED WITH S509 SPA. @ 5" (TOP)
3-S401 SPA. @ 10" (LAP W/ EVERY OTHER S509)

18 - 6-S509 (TOP), 6-S510 (BOTTOM) SPA. @ 5" = 2'-1"

19 - 48-S402 BUNDLED WITH S509 SPA. @ 5" (TOP)
24-S401 SPA. @ 10" (LAP W/ EVERY OTHER S509)

20 - SER. OF 48-S512 (TOP), SER. OF 48-S513 (BOTTOM)
SPA. @ 5" = 19'-7"

MINIMUM BAR LAP	
#4	1'-11"
#5	3'-0"

NOTES:

1. FOR PARAPET DETAILS, SEE SHEET 31/36.

DECK PLAN
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 25 | TOTAL 36
SHEET P.1732 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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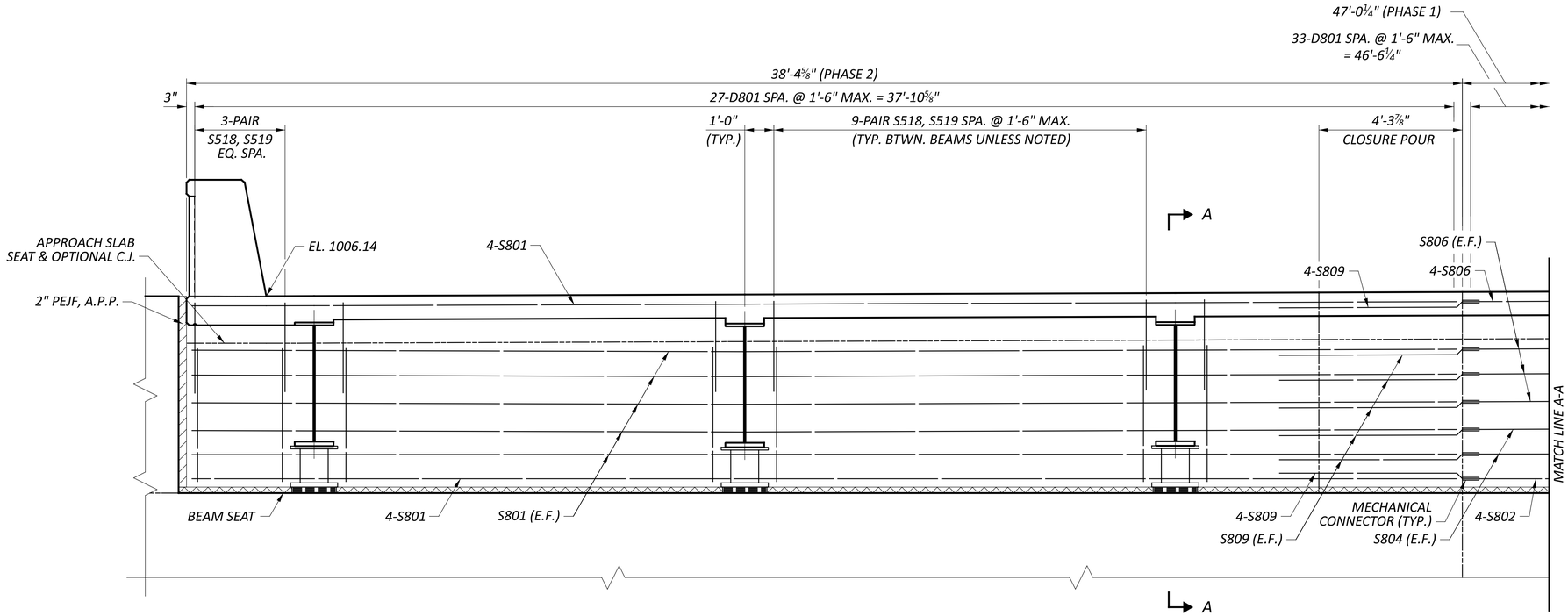
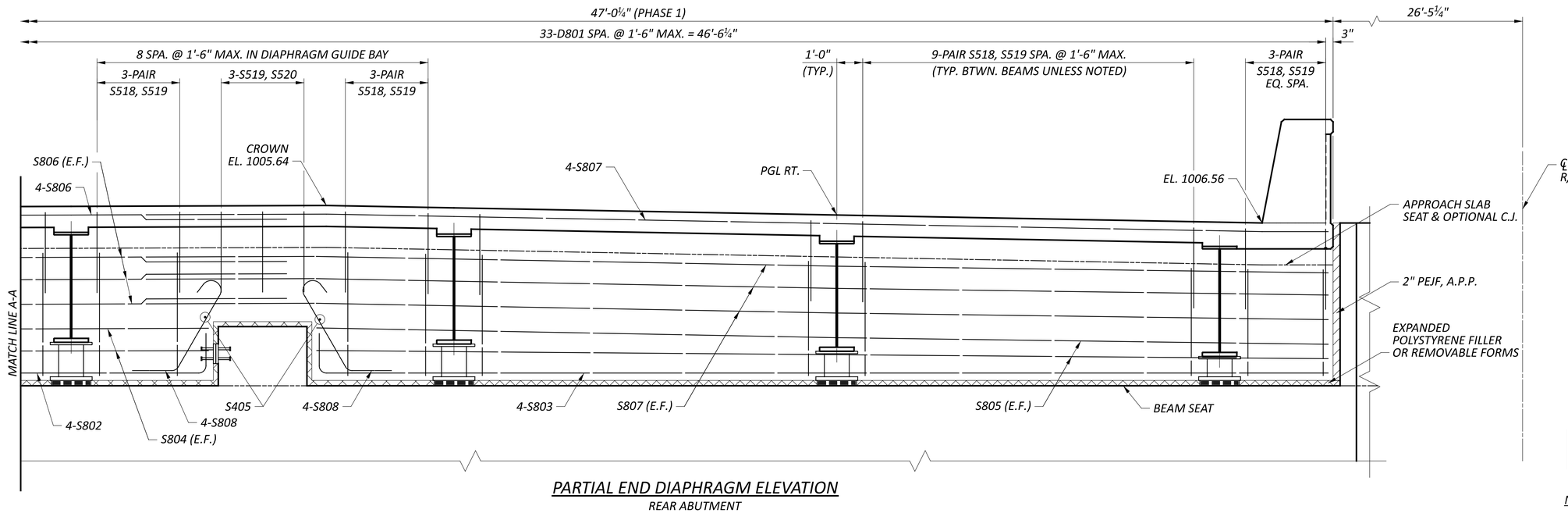


PARTIAL END DIAPHRAGM ELEVATION

REAR ABUTMENT



PARTIAL END DIAPHRAGM ELEVATION

REAR ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A, SEE SHEET 28/36.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/36.

SUPERSTUCTURE DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	CHECKER
PEG	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
26	36

SHEET	TOTAL
P.1733	P.2024

FAI/LIC-70-0.00/0.00

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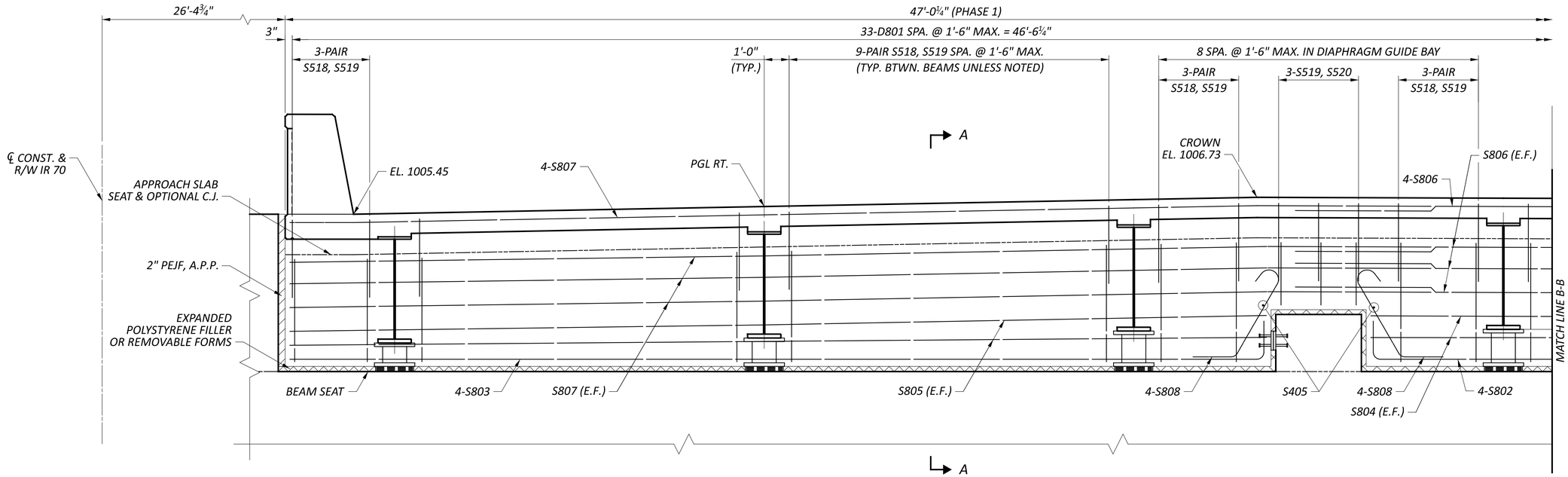
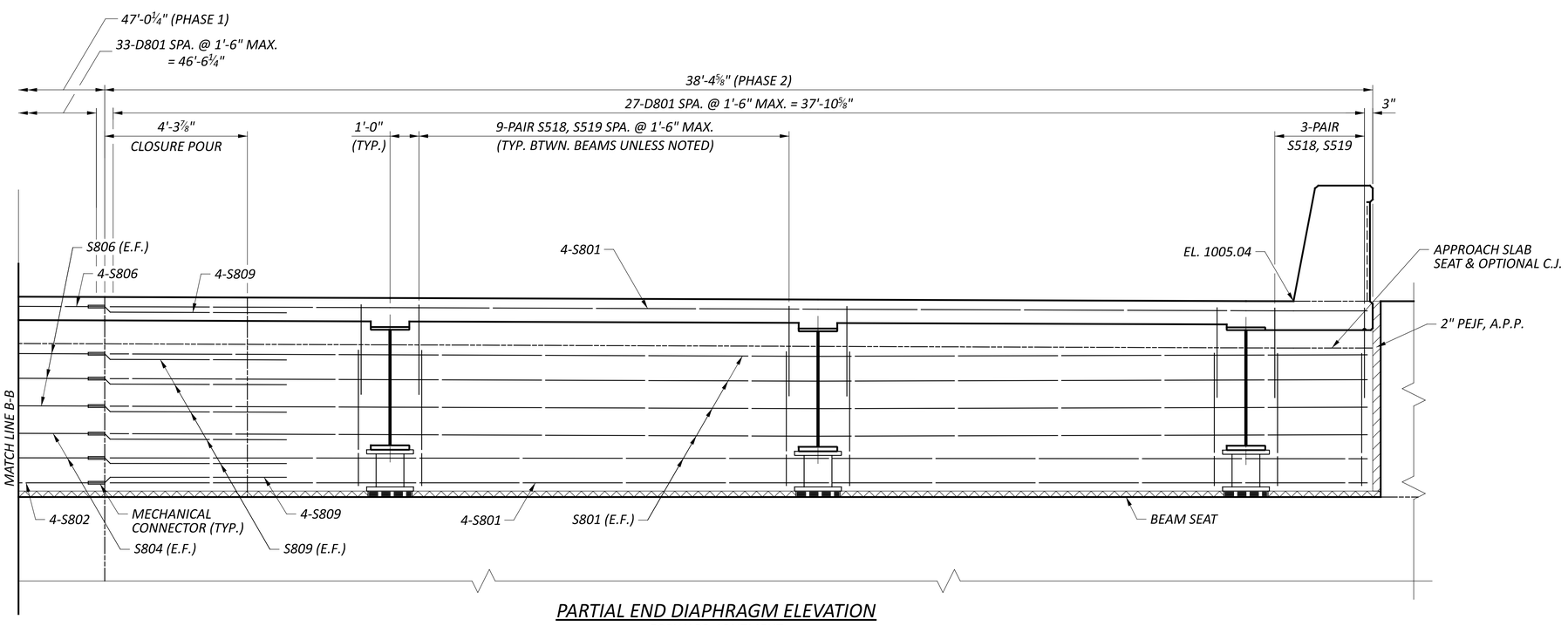


PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABTMENT



PARTIAL END DIAPHRAGM ELEVATION

FORWARD ABUTMENT

MINIMUM BAR LAP	
#8	5'-4"

NOTES:

1. FOR SECTION A-A, SEE SHEET 28/36.
2. FOR DIAPHRAGM GUIDE DETAILS, SEE SHEET 18/36.

SUPERSTUCTURE DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
27	36

SHEET	TOTAL
P.1734	P.2024

FAI/LIC-70-0.00/0.00

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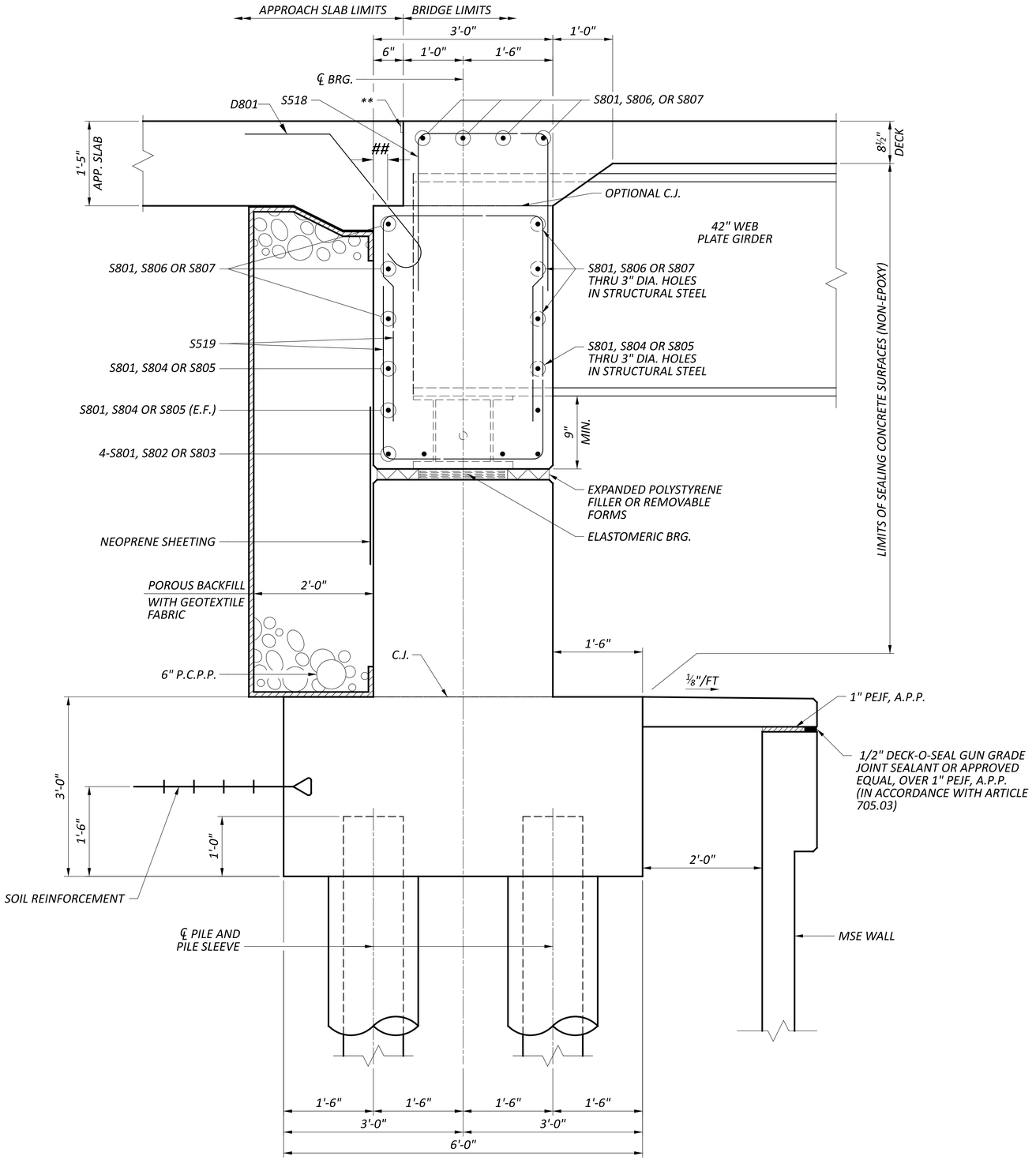

SECTION A-A

$2\frac{1}{4}" \pm \frac{1}{4}"$ CLR.

** SEE DETAIL "B" ON STANDARD DRAWING AS-1-15

NOTES:

1. FOR ABUTMENT DETAILS, SEE SHEETS 13/36 THRU 17/36.
2. ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHED ITS INITAL SET. PLACE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.

SUPERSTUCTURE DETAILS - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY: MEMBER STRUCTUREPOINT INC.

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
28	36

SHEET	TOTAL
P.1735	P.2024

FAI/LIC-70-0.00/0.00

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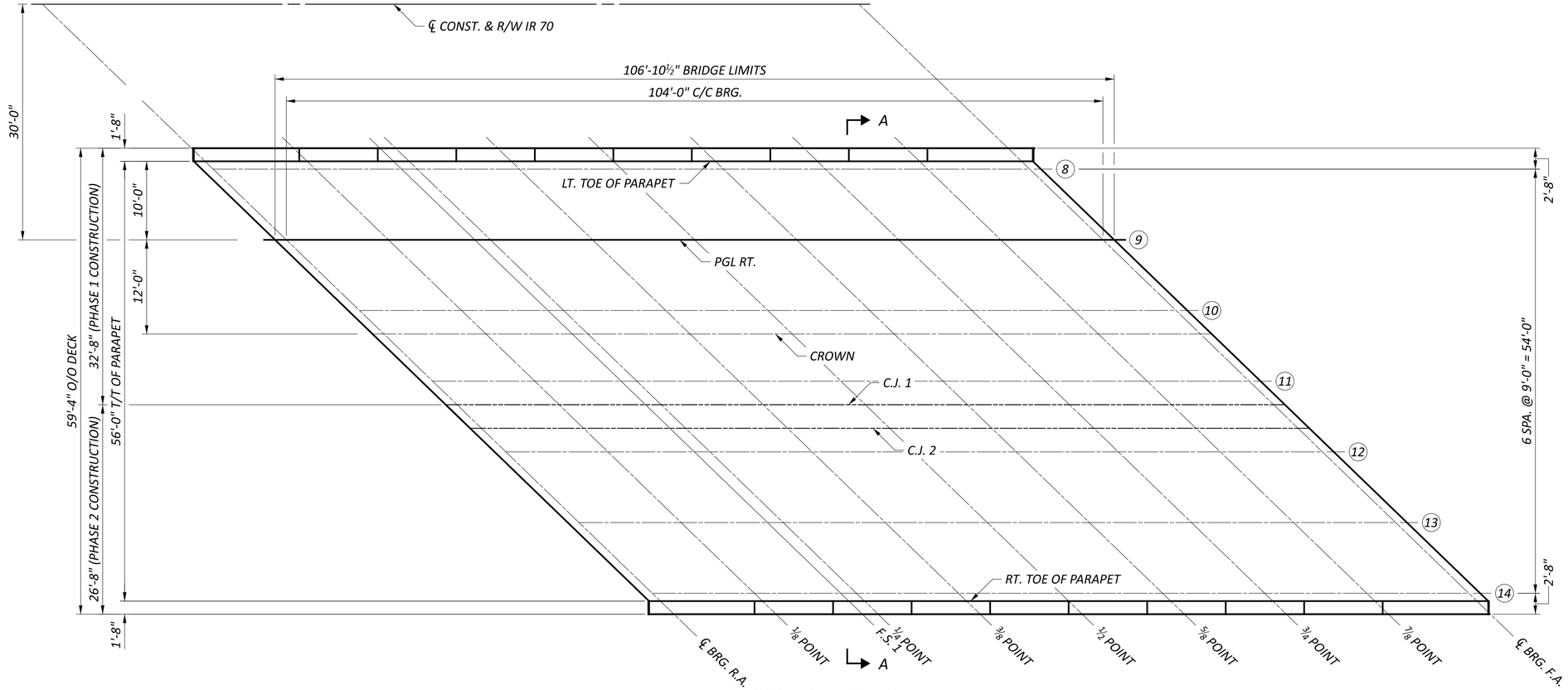
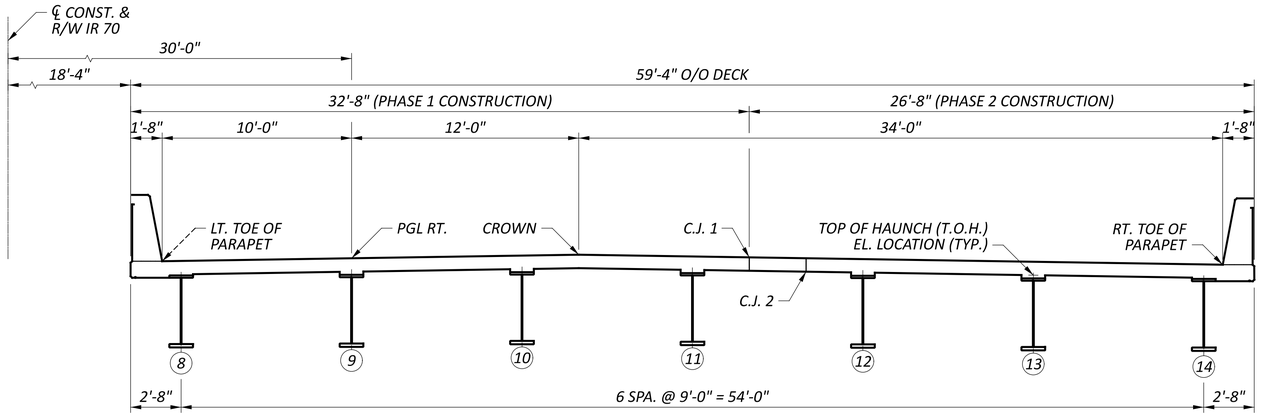


SCREED LAYOUT PLAN



SECTION A-A

LEGEND

(#) - PROPOSED GIRDER NUMBER

NOTES:

1. FOR SCREED ELEVATIONS, SEE SHEET 30/36.

SCREED DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	DAS
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	29
TOTAL	36
SHEET	P.1736
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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HAUNCH AND SCREED ELEVATIONS TABLE

SCREED LINE \ DESCRIPTION		℄ BRG. R.A.	1/8 POINT	F.S. 1	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SCREED ELEVATIONS											
LT. TOE OF PARAPET	STATION	164+81.21	164+94.21	165+05.21	165+07.21	165+20.21	165+33.21	165+46.21	165+59.21	165+72.21	165+85.21
	F.D.S. ELEV.	1005.04	1005.18	1005.30	1005.32	1005.45	1005.59	1005.73	1005.87	1006.00	1006.14
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.04	1005.32	1005.54	1005.57	1005.78	1005.94	1006.05	1006.12	1006.14	1006.14
PGL RT.	STATION	164+91.57	165+04.57	165+15.57	165+17.57	165+30.57	165+43.57	165+56.57	165+69.57	165+82.57	165+95.57
	F.D.S. ELEV.	1005.31	1005.45	1005.57	1005.59	1005.72	1005.86	1006.00	1006.13	1006.27	1006.41
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.31	1005.59	1005.80	1005.84	1006.05	1006.21	1006.32	1006.39	1006.41	1006.41
CROWN	STATION	165+03.99	165+16.99	165+27.99	165+29.99	165+42.99	165+55.99	165+68.99	165+81.99	165+94.99	166+07.99
	F.D.S. ELEV.	1005.64	1005.77	1005.89	1005.91	1006.05	1006.18	1006.32	1006.46	1006.59	1006.73
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.64	1005.91	1006.13	1006.16	1006.37	1006.53	1006.64	1006.71	1006.74	1006.73
C.J. 1	STATION	165+13.31	165+26.31	165+37.31	165+39.31	165+52.31	165+65.31	165+78.31	165+91.31	166+04.31	166+17.31
	F.D.S. ELEV.	1005.59	1005.73	1005.84	1005.86	1006.00	1006.14	1006.27	1006.41	1006.55	1006.69
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.59	1005.87	1006.08	1006.12	1006.32	1006.49	1006.60	1006.67	1006.69	1006.69
C.J. 2	STATION	165+16.42	165+29.42	165+40.42	165+42.42	165+55.42	165+68.42	165+81.42	165+94.42	166+07.42	166+20.42
	F.D.S. ELEV.	1005.57	1005.71	1005.83	1005.85	1005.99	1006.12	1006.26	1006.40	1006.53	1006.67
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.57	1005.85	1006.07	1006.10	1006.31	1006.47	1006.58	1006.65	1006.68	1006.67
RT. TOE OF PARAPET	STATION	165+39.20	165+52.20	165+63.20	165+65.20	165+78.20	165+91.20	166+04.20	166+17.20	166+30.20	166+43.20
	F.D.S. ELEV.	1005.46	1005.60	1005.72	1005.74	1005.87	1006.01	1006.15	1006.28	1006.42	1006.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	SCREED ELEV.	1005.46	1005.74	1005.95	1005.99	1006.20	1006.36	1006.47	1006.54	1006.56	1006.56
TOP OF HAUNCH ELEVATIONS											
BEAM 8	STATION	164+82.25	164+95.25	165+06.25	165+08.25	165+21.25	165+34.25	165+47.25	165+60.25	165+73.25	165+86.25
	F.D.S. ELEV.	1005.07	1005.21	1005.32	1005.34	1005.48	1005.62	1005.76	1005.89	1006.03	1006.17
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.36	1004.64	1004.85	1004.89	1005.10	1005.26	1005.37	1005.44	1005.46	1005.46
BEAM 9	STATION	164+91.57	165+04.57	165+15.57	165+17.57	165+30.57	165+43.57	165+56.57	165+69.57	165+82.57	165+95.57
	F.D.S. ELEV.	1005.31	1005.45	1005.57	1005.59	1005.72	1005.86	1006.00	1006.13	1006.27	1006.41
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.60	1004.88	1005.10	1005.13	1005.34	1005.50	1005.61	1005.68	1005.70	1005.70
BEAM 10	STATION	165+00.89	165+13.89	165+24.89	165+26.89	165+39.89	165+52.89	165+65.89	165+78.89	165+91.89	166+04.89
	F.D.S. ELEV.	1005.56	1005.69	1005.81	1005.83	1005.97	1006.10	1006.24	1006.38	1006.51	1006.65
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.85	1005.13	1005.34	1005.37	1005.58	1005.74	1005.86	1005.92	1005.95	1005.94
BEAM 11	STATION	165+10.21	165+23.21	165+34.21	165+36.21	165+49.21	165+62.21	165+75.21	165+88.21	166+01.21	166+14.21
	F.D.S. ELEV.	1005.61	1005.74	1005.86	1005.88	1006.02	1006.15	1006.29	1006.43	1006.56	1006.70
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.90	1005.18	1005.39	1005.43	1005.63	1005.79	1005.91	1005.97	1006.00	1005.99
BEAM 12	STATION	165+19.53	165+32.53	165+43.53	165+45.53	165+58.53	165+71.53	165+84.53	165+97.53	166+10.53	166+23.53
	F.D.S. ELEV.	1005.56	1005.70	1005.81	1005.83	1005.97	1006.11	1006.24	1006.38	1006.52	1006.66
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.85	1005.13	1005.34	1005.38	1005.59	1005.75	1005.86	1005.93	1005.95	1005.95
BEAM 13	STATION	165+28.84	165+41.84	165+52.84	165+54.84	165+67.84	165+80.84	165+93.84	166+06.84	166+19.84	166+32.84
	F.D.S. ELEV.	1005.51	1005.65	1005.77	1005.79	1005.92	1006.06	1006.20	1006.34	1006.47	1006.61
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.81	1005.08	1005.30	1005.33	1005.54	1005.70	1005.81	1005.88	1005.91	1005.90
BEAM 14	STATION	165+38.16	165+51.16	165+62.16	165+64.16	165+77.16	165+90.16	166+03.16	166+16.16	166+29.16	166+42.16
	F.D.S. ELEV.	1005.47	1005.60	1005.72	1005.74	1005.88	1006.02	1006.15	1006.29	1006.43	1006.56
	DEFLECTION	0.00	0.14	0.24	0.25	0.32	0.35	0.32	0.25	0.14	0.00
	T.O.H. ELEV.	1004.76	1005.04	1005.25	1005.29	1005.49	1005.66	1005.77	1005.84	1005.86	1005.86

NOTES:

1. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
3. FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.

SCREED DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY STRUCTUREPOINT
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 30 | TOTAL 36
SHEET P.1737 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 12:24:46 PM USER: brieder
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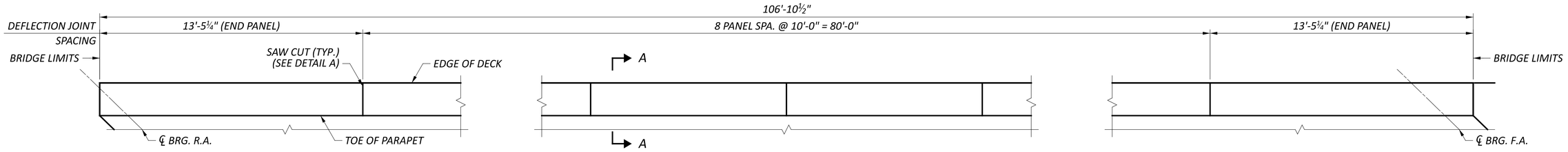
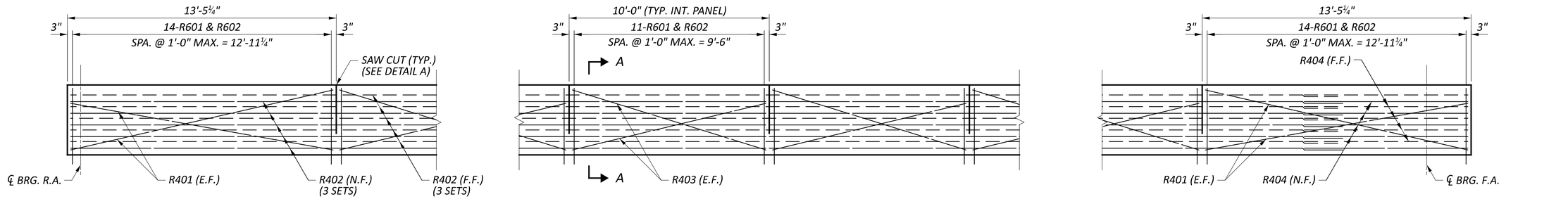


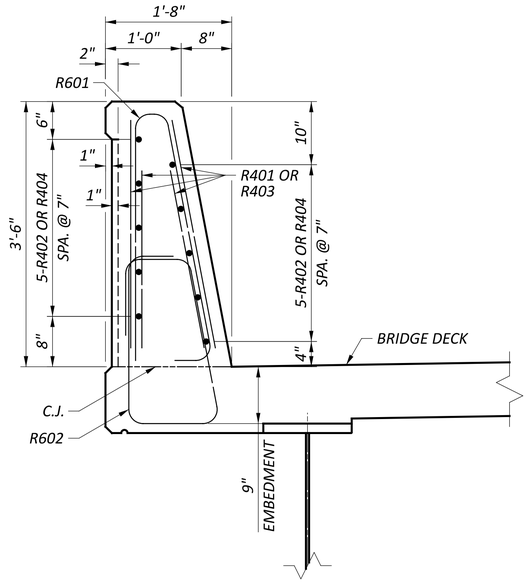
PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRICAL)

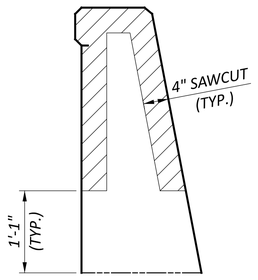


PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



SECTION A-A



DETAIL A

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-2"

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

1. FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.

PARAPET DETAILS - 1
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	ACM
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET / TOTAL	31 / 36
SHEET / TOTAL	P.1738 / P.2024

FAI/LIC-70-0.00/0.00

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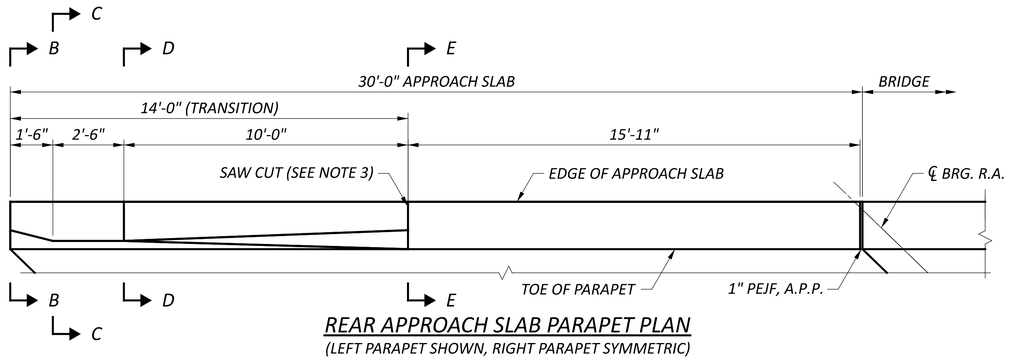
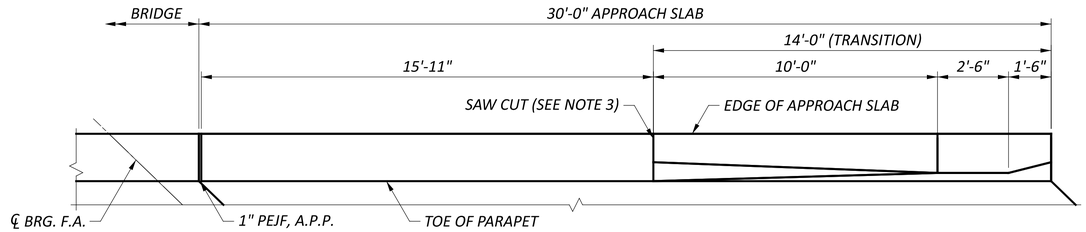


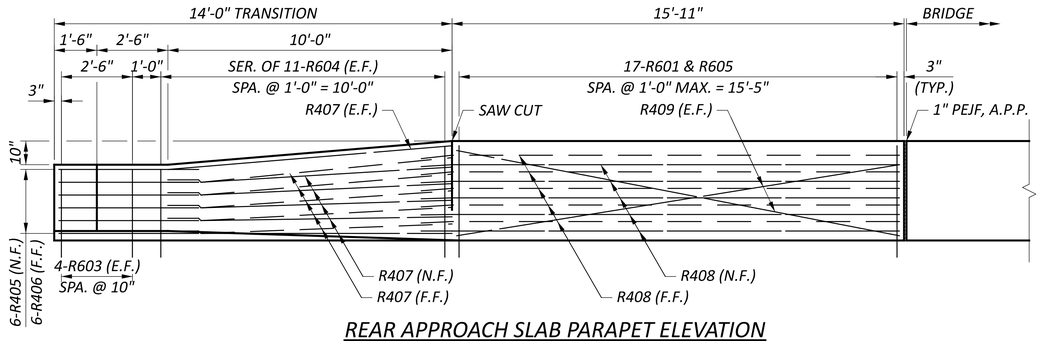
REAR APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



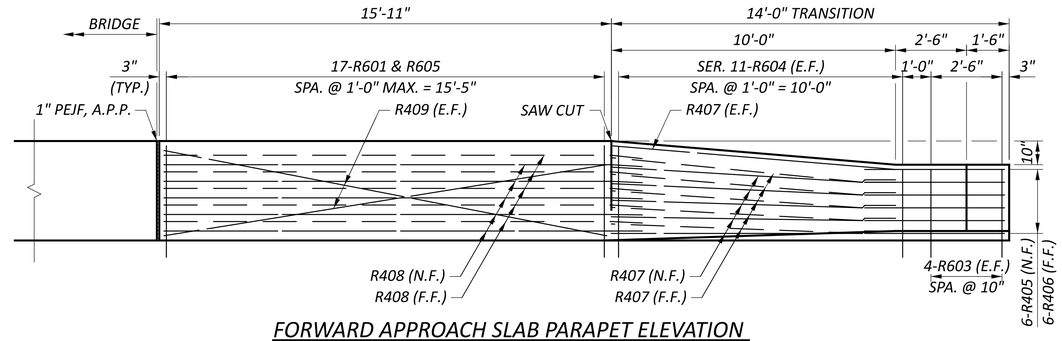
FORWARD APPROACH SLAB PARAPET PLAN

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



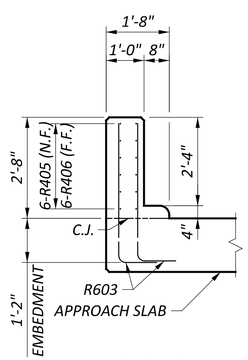
REAR APPROACH SLAB PARAPET ELEVATION

(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)

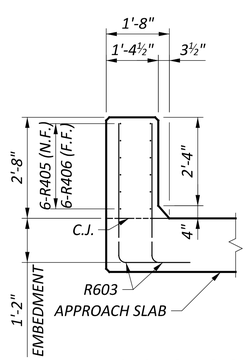


FORWARD APPROACH SLAB PARAPET ELEVATION

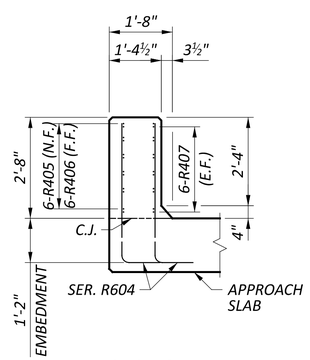
(LEFT PARAPET SHOWN, RIGHT PARAPET SYMMETRIC)



SECTION B-B



SECTION C-C



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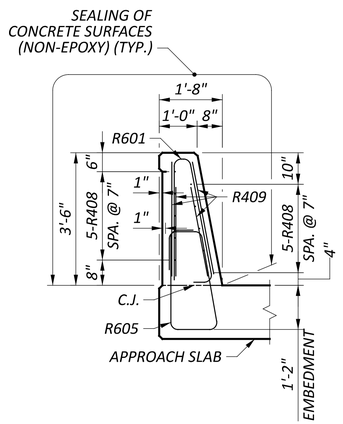

SECTION E-E

MINIMUM BAR LAP	
#4 GFRP	1'-1"

NOTES:

1. *FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.*
2. *FOR APPROACH SLAB PLAN, SEE SHEET 33/36.*
3. *FOR DETAIL A, SEE SHEET 31/36.*

PARAPET DETAILS - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 32 | TOTAL 36
SHEET P.1739 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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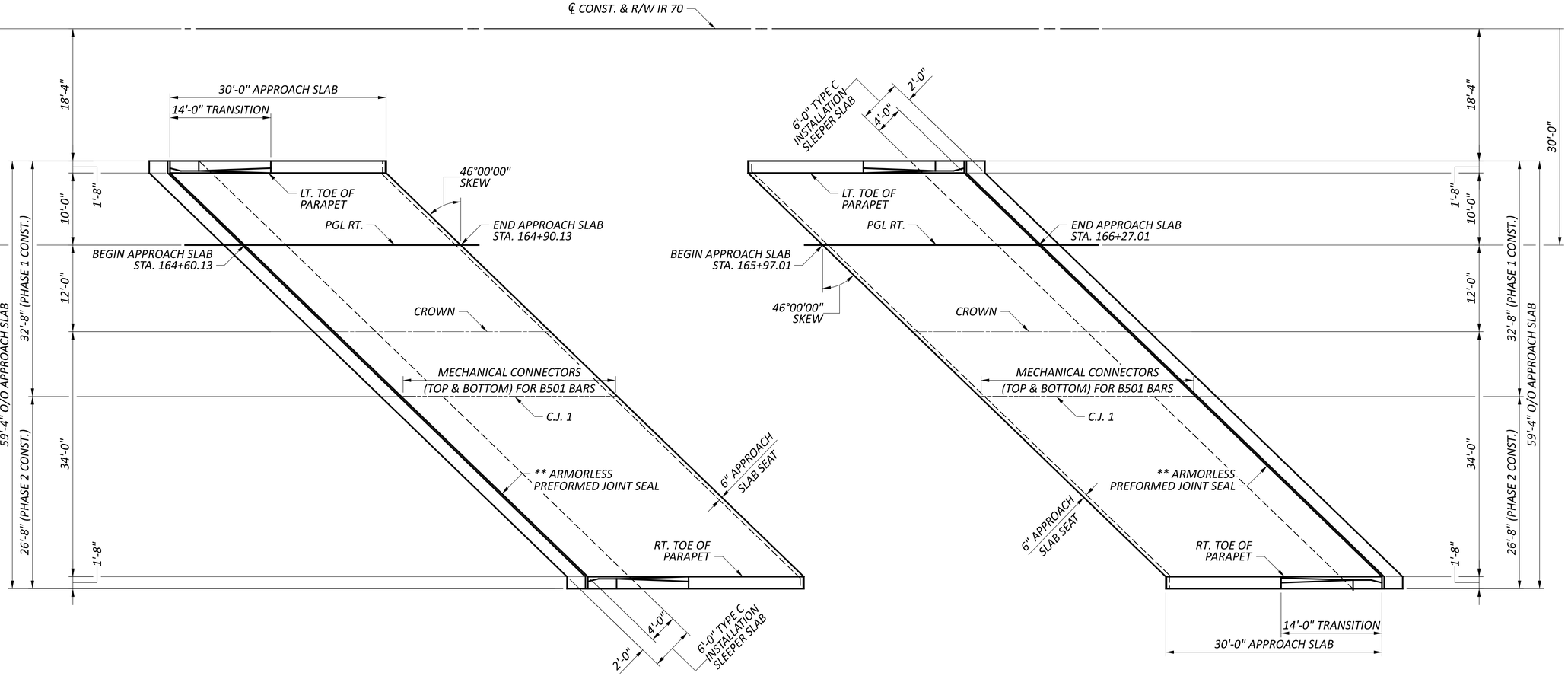

PLAN
REAR APPROACH SLAB

PLAN
FORWARD APPROACH SLAB

APPROACH SLAB ELEVATIONS

LOCATION \ DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	164+44.01	164+49.77	164+55.53	164+79.77		165+86.65	166+10.89	166+16.65	166+22.41
	ELEVATION	1003.24	1004.71	1003.36	1005.03		1006.15	1004.99	1006.47	1005.11
PGL RT.	STATION	164+54.37	164+60.13	164+65.88	164+90.13		165+97.01	166+21.25	166+27.01	166+32.76
	ELEVATION	1003.50	1004.98	1003.63	1005.30		1006.42	1005.26	1006.74	1005.38
CROWN	STATION	164+66.79	164+72.55	164+78.31	165+02.55		166+09.43	166+33.67	166+39.43	166+45.19
	ELEVATION	1003.83	1005.30	1003.95	1005.62		1006.75	1005.59	1007.06	1005.71
C.J. 1	STATION	164+76.11	164+81.87	164+87.63	165+11.87		166+18.75	166+42.99	166+48.75	166+54.51
	ELEVATION	1003.78	1005.26	1003.90	1005.57		1006.70	1005.54	1007.02	1005.66
RT. TOE OF PARAPET	STATION	165+02.00	165+07.76	165+13.52	165+37.76		166+44.64	166+68.88	166+74.64	166+80.40
	ELEVATION	1003.65	1005.13	1003.78	1005.45		1006.57	1005.41	1006.89	1005.53

LEGEND:

*** - SEE STANDARD DRAWINGS AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE*

NOTES:

1. *FOR STANDARD APPROACH SLAB DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-1-15.*
2. *FOR STANDARD APPROACH SLAB TYPE C INSTALLATION DETAILS, SEE ODOT STANDARD BRIDGE DRAWING AS-2-15.*
3. *FOR APPROACH SLAB PARAPET DETAILS, SEE SHEET 32/36.*
4. *APPROACH SLABS SHALL NOT BE POURED WITH BRIDGE DECK.*
5. *ELEVATIONS GIVEN AT TOP OF APPROACH SLAB AND SLEEPER SLAB.*

APPROACH SLAB DETAILS
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915
DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER DAS | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 33 | TOTAL 36
SHEET P.1740 | TOTAL P.2024

FAI/LIC-70-0.00/0.00

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MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
REAR ABUTMENT - GALVANIZED STEEL REINFORCEMENT											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
FORWARD ABUTMENT (CONT.) - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
SUPERSTRUCTURE - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
SUPERSTRUCTURE (CONT.) - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

NOTES:

1. FOR REINFORCING LIST NOTES AND BEND DIAGRAMS, SEE SHEET 36/36.

STEEL REINFORCEMENT LIST - 2
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN 4502915

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
PEG	ABD

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
35	36

SHEET	TOTAL
P.1742	P.2024

FAI/LIC-70-0.00/0.00

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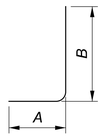
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PARAPET - GALVANIZED STEEL REINFORCEMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PARAPET - GFRP REINFORCEMENT											
SUB-TOTAL											



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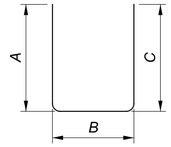

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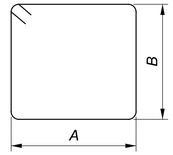

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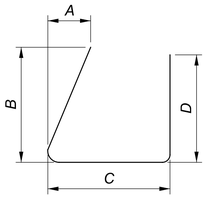

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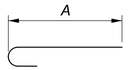

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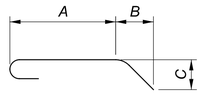

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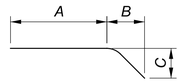

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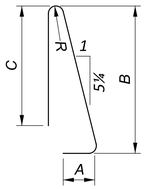

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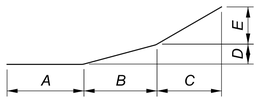

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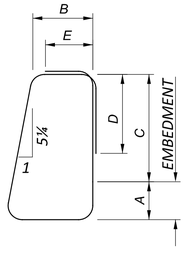

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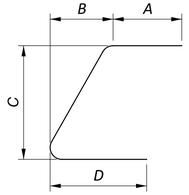

TYPE-38

NOTES:

1. *ALL CONCRETE REINFORCEMENT SHALL BE GALVANIZED STEEL REINFORCEMENT, GRADE 60, UNLESS NOTED OTHERWISE.*
2. *THE BAR SIZE NUMBER IN SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR DIGITS ARE USED, INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, P601 IS A NO. 6 BAR. "R" INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED. "STD" WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BEND AT THE END OF THE BAR.*

STEEL REINFORCEMENT LIST - 3
BRIDGE NO. LIC-00070-00740 R
IR 70 OVER PALMER RD.

SFN	4502915
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	PEG
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	36
TOTAL	36
SHEET	P.1743
TOTAL	P.2024

FAI/LIC-70-0.00/0.00

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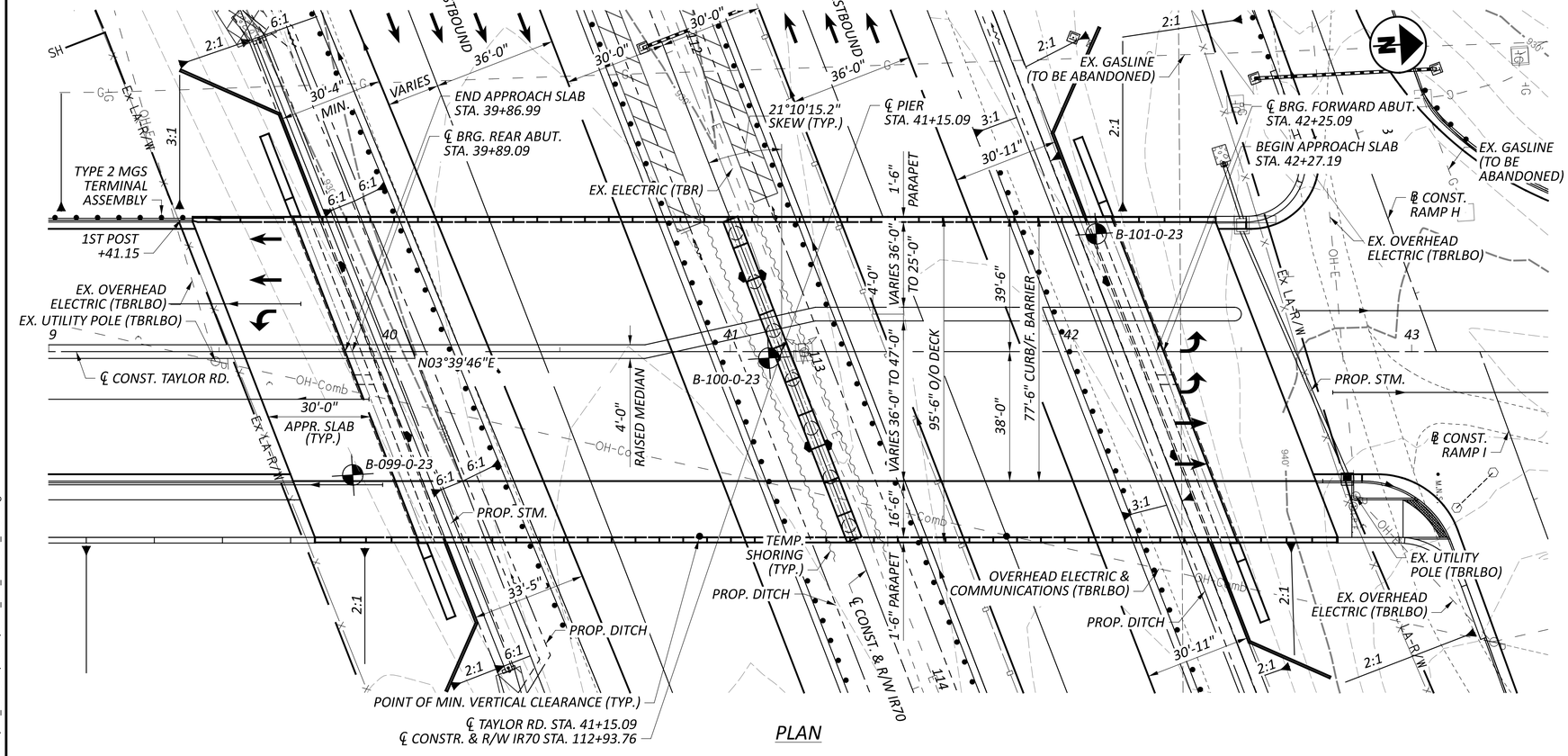
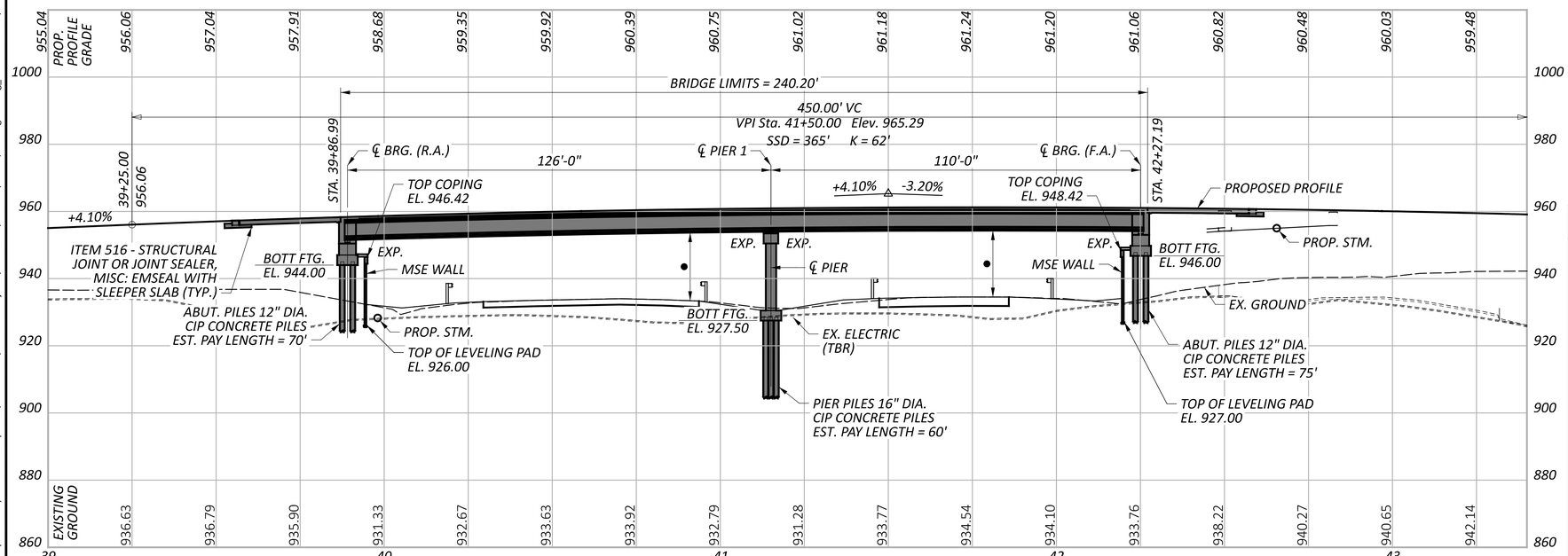


PLAN



PROFILE ALONG ℄ CONST. TAYLOR RD.

BENCHMARK DATA

C.P. 210 STA.	83+89.09,	ELEV.	893.59,	OFFSET	128.57', LT
C.P. 211 STA.	129+97.67,	ELEV.	961.36,	OFFSET	128.33', LT

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.0020

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT = 18,460 *2030 ADTT = 554*
2050 ADT = 24,650 *2050 ADTT = 740*
DIRECTIONAL DISTRIBUTION = 53%

LEGEND

- BORING LOCATION
- ● - 17'-0" REQUIRED & PROPOSED MINIMUM VERTICAL CLEARANCE (17'-11¼" ACTUAL MINIMUM VERTICAL CLEARANCE)

TBR - TO BE REMOVED
TBRO - TO BE REMOVED BY OTHERS
TBRLBO - TO BE RELOCATED BY OTHERS

PROPOSED STRUCTURE

TYPE: TWO-SPAN PRESTRESSED CONCRETE I-BEAM WITH COMPOSITE REINFORCED CONCRETE DECK ON SEMI-INTEGRAL ABUTMENT BEHIND MSE WALLS AND CAP AND COLUMN PIER

SPANS: 126'-0", 110'-0" (℄ BRG./℄ PIER, ℄ PIER/℄ BRG.)
ROADWAY: 76'-0" F/F BARRIER W/ 11'-0" SHARED USE PATH
VEHICULAR LIVE LOAD: HL93
FUTURE WEARING SURFACE: 0.06 KSF
SKEW: 21°10'15.2" R.F.
WEARING SURFACE: MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG, 17" THICK (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 23,418 SF

COORDINATES: LATITUDE 39°56'15.09"
LONGITUDE -82°46'20.02"

HORIZONTAL SCALE IN FEET
0 5 10 20

SITE PLAN
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER JCS | CHECKER BMK
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 1 | TOTAL 46
SHEET P.1744 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15	REVISED	01-20-23
AS-2-15	REVISED	07-21-23
PSID-1-13	REVISED	01-15-21
SICD-2-14	REVISED	01-15-21
VPF-1-24	REVISED	07-17-26

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

N/A

DESIGN SPECIFICATIONS:

THE PROPOSED WORK CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.00 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HL-93

FUTURE WEARING SURFACE (FWS) OF 0.060 KSF

DESIGN DATA:

CONCRETE CLASS QC2 WITH QC/QA - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC1 WITH QC/QA - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:

GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK, PARAPET, SUBSTRUCTURES & MSE WALL COPING CAPS)

STEEL CIP PILES - ASTM A252 GRADE 3 - YIELD STRENGTH 45 KSI

CONCRETE FOR PRESTRESSED BEAMS:
COMPRESSIVE STRENGTH (FINAL) - 8.0 KSI
COMPRESSIVE STRENGTH (INITIAL) - 6.0 KSI

WELDED WIRE FABRIC:
YIELD STRENGTH - 70 KSI

PRESTRESSING STRAND:
AREA = 0.217 SQ. IN.
ULTIMATE STRENGTH = 270 KSI
INITIAL STRESS = 202.5 KSI (LOW RELAXATION STRANDS)

MONOLITHIC WEARING SURFACE:

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES:

AT THE COMPLETION OF WORK FOR ALL PHASES OF CONSTRUCTION AND PRIOR TO OPENING THE BRIDGE TO TRAFFIC, THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.

2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.

3. GROOVE THE BRIDGE DECK.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO THE ULTIMATE BEARING VALUE (UBV), CONSTRUCT THE MSE WALL AND THE BRIDGE APPROACH EMBANKMENT BEHIND THE ABUTMENT UP TO THE BOTTOM OF THE FOOTING FOR A MINIMUM DISTANCE OF 200 FEET BEHIND EACH ABUTMENT. THE CONTRACTOR MAY PRE-DRIVE ABUTMENT PILES BEFORE CONSTRUCTING MSE WALLS. PREDRIVING CONSISTS OF INSTALLING THE ABUTMENT PILES INTO THE SOIL ONLY AS FAR AS NECESSARY SO THAT THE PILE WILL REMAIN VERTICAL DURING MSE WALL CONSTRUCTION. IF PRE-DRIVING PILES, INSTALL PILE SLEEVES AROUND PILES BEFORE CONSTRUCTING THE MSE WALL. PROVIDE AT LEAST 3-FT OF PILE ABOVE THE TOP OF THE PILE SLEEVE TO MEET THE REQUIREMENTS OF C&MS 507.09 REGARDING SPLICES. DO NOT DRIVE ABUTMENT PILES TO THE (UBV) UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND A 7 CALENDAR DAY WAITING PERIOD HAS ELAPSED. THE ENGINEER MAY ADJUST THE LENGTH OF THE WAITING PERIOD BASED ON SETTLEMENT PLATFORM READINGS. AFTER THE SPECIFIED WAITING PERIOD HAS ELAPSED, DRIVE ABUTMENT PILES TO THE UBV. IN ORDER TO REMOVE ANY NEGATIVE SKIN FRICTION THAT HAS DEVELOPED DURING THE WAITING PERIOD, DRIVE EACH ABUTMENT PILE A DISTANCE OF AT LEAST 0.5 INCH.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED AND THE SPECIFIED WAITING PERIOD HAS ELAPSED.

PILES DESIGN LOADS (ULTIMATE BEARING VALUE):

THE ULTIMATE BEARING VALUE IS 307.1 KIPS PER PILE FOR THE ABUTMENT PILES. THE ULTIMATE BEARING VALUE IS 435.7 KIPS PER PILE FOR THE PIER PILES.

REAR ABUTMENT PILES:
12" DIAMETER CIP REINFORCED CONCRETE PILES 75 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING, AS PER PLAN ITEM
1 RESTRIKE, AS PER PLAN ITEM

PIER PILES:
16" DIAMETER CIP REINFORCED CONCRTETE PILES 65 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEM

FORWARD ABUTMENT PILES:
12" DIAMETER CIP REINFORCED CONCRETE PILES 80 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING, AS PER PLAN ITEM
1 RESTRIKE, AS PER PLAN ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF $\frac{7}{16}$ INCH FOR THE 12" CAST-IN PLACE REINFORCED CONCRETE PILES AND $\frac{3}{8}$ INCH FOR THE 16" CAST-IN-PLACE REINFORCED CONCRETE PILES.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP (ABUTMENT PILES):

THE ULTIMATE BEARING VALUE IS 307.1 KIPS PER PILE FOR THE ABUTMENT PILES. PART OF THE UBV WILL BE ACHIEVED THROUGH PILE/SOIL SETUP, WHICH IS A TIME DEPENDENT INCREASE IN RESISTANCE THAT OCCURS IN SOME SOILS.

NOTIFY THE ENGINEER AT LEAST 5 DAYS BEFORE DRIVING PILES SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

AT EACH ABUTMENT, DRIVE THE FIRST TWO PILES TO THE FULL ESTIMATED LENGTH OF 70 FEET (REAR ABUTMENT) AND 75 FEET (FORWARD ABUTMENT). PERFORM DYNAMIC LOAD TESTING ON BOTH PILES AT EACH ABUTMENT WHILE DRIVING. IF THE DYNAMIC LOAD TESTING DURING THE INITIAL DRIVING (BEFORE THE WAITING PERIOD) INDICATES A PILE HAS ACHIEVED THE REQUIRED UBV PRIOR TO DRIVING THE FULL ESTIMATED LENGTH, STOP DRIVING AND NOTIFY THE ENGINEER. AFTER DRIVING AND TESTING THE FIRST TWO PILES, DRIVE THE REMAINING PILES IN THE SUBSTRUCTURE TO THE SAME DEPTH AS THE FIRST TWO PILES. AFTER DRIVING ALL PILES TO THE ESTIMATED LENGTH, CEASE ALL DRIVING OPERATIONS AT THE SUBSTRUCTURE FOR A PERIOD OF 7 DAYS. INCLUDE THE WAITING PERIOD AS A SEPERATE ACTIVITY IN THE PROGRESS SCHEDULE. AFTER THE WAITING PERIOD, PERFORM PILE RESTRIKES ON BOTH OF THE FIRST TWO PILES (ONE RESTRIKE ITEM AT EACH ABUTMENT). SUBMIT ALL TEST RESULTS TO THE ENGINEER. IF THE RESTRIKE TEST RESULTS INDICATE THAT BOTH PILES ACHIEVED THE REQUIRED UBV, ALL PILES IN THE SUBSTRUCTURE MAY BE ACCEPTED BY THE ENGINEER.

PILES DRIVEN TO FULL ESTIMATED LENGTH WITH PILE/SOIL SETUP (CONT.):

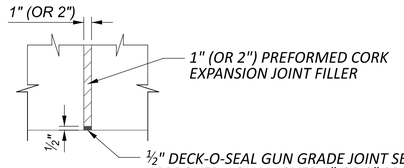
IF THE RESTRIKE TEST RESULTS INDICATE THAT EITHER OF THE TWO PILES DID NOT ACHIEVE THE REQUIRED UBV, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE ENGINEER CAN NOTIFY THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING. THE ENGINEER WILL REVIEW THE TEST RESULTS AND ESTABLISH ADDITIONAL RESTRIKE TESTING OR DRIVING CRITERIA FOR THE PILING IN THE SUBSTRUCTURE WITH THE ASSISTANCE OF THE DISTRICT GEOTECHNICAL ENGINEER, THE OFFICE OF CONSTRUCTION ADMINISTRATION, AND THE OFFICE OF GEOTECHNICAL ENGINEERING.

IF DIRECTED BY THE ENGINEER, PERFORM ADDITIONAL RESTRIKE TESTING OR DRIVE ALL PILES IN THE SUBSTRUCTURE TO THE ESTABLISHED DRIVING CRITERIA. THE DEPARTMENT WILL PAY FOR SPLICING OF THE PILES BEYOND THE ESTIMATED LENGTH PROVIDED IN THE PLANS UNDER C&MS 109.05 WITH A NEGOTIATED PRICE PER SPLICE.

THIS PLAN NOTE INCLUDES A QUANTITY OF ONE EACH ITEM 523 DYNAMIC LOAD TESTING, AS PER PLAN AND A QUANTITY OF ONE EACH ITEM 523 RESTRIKE, AS PER PLAN PER EACH SUBSTRUCTURE UNIT.

ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:
ITEM 516 - 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN:

ALL 1" OR 2" PEJF CALLED FOR IN THE PLANS SHALL BE PREFORMED CORK JOINT FILLER (IN ACCORDANCE WITH ARTICLE 705.03). RECESS JOINT FILLER 1/2" FOR ALL JOINTS (SEE DETAIL). SEAL ALL JOINTS WITH DECK-O-SEAL GUN GRADE JOINT SEALANT OR AN APPROVED EQUAL. THE COLOR SHALL BE STONE GRAY. APPROVED MANUFACTURER'S APPLICATION METHODS SHALL BE FOLLOWED DURING SURFACE PREPARATION AND APPLICATION FOR MAXIMUM EFFECTIVENESS.



DECK-O-SEAL
P.O. BOX 397
HAMPSHIRE, IL 60140
PHONE: 800-542-7665

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 516 - 1" (OR 2") PREFORMED EXPANSION JOINT FILLER, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND INCIDENTALS REQUIRED TO COMPLETE THE WORK DESCRIBED.

DECK PLACEMENT DESIGN ASSUMPTIONS:

THE FOLLOWING ASSUMPTIONS OF CONSTRUCTION MEANS AND METHODS WERE MADE FOR THE ANALYSIS AND DESIGN OF THE SUPERSTRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE FALSEWORK SUPPORT SYSTEM WITHIN THESE PARAMETERS AND WILL ASSUME RESPONSIBILITY FOR SUPERSTRUCTURE ANALYSIS FOR DEVIATION FROM THESE DESIGN ASSUMPTIONS.

AN EIGHT WHEEL FINISHING MACHINE WITH A MAXIMUM WHEEL LOAD OF 3.05 KIPS.

A MINIMUM OUT-TO-OUT WHEEL SPACING AT EACH END OF THE MACHINE OF 103".

A MAXIMUM SPACING OF OVERHANG FALSEWORK BRACKETS OF 48".

A MAXIMUM DISTANCE FROM THE CENTERLINE OF THE FASCIA GIRDER TO THE FACE OF THE SAFETY HANDRAIL OF 65".

ITEM 613 - LOW STRENGTH MORTAR BACKFILL, AS PER PLAN:

LOW STRENGTH MORTAR (LSM) USED AS BACKFILL BEHIND SEMI-INTEGRAL ABUTMENT DIAPHRAGMS SHALL HAVE A LONG TERM COMPRESSIVE STRENGTH BETWEEN 150 AND 200 PSI. THE TOP ELEVATION SHALL BE AT LEAST 6" BELOW THE PROPOSED BOTTOM OF APPROACH SLAB AND ANY FORMWORK BETWEEN THE LSM BACKFILL AND SEMI-INTEGRAL DIAPHRAGM SHALL BE COMPLETELY REMOVED.

THE QUANTITY IN THE PLANS ASSUMES A 1.5:1 SLOPE OF BOTTOM OF LSM ELEVATION UP TO 2' BELOW THE PROPOSED TOP OF LSM ELEVATION (WHERE A VERTICAL END OF THE ITEM 613 IS ASSUMED). ADDITIONAL LSM BEYOND THESE LIMITS IS INCLUDED WITH ITEM 503 - UNCLASSIFIED EXCAVATION, AS PER PLAN.

PERFORMING THE LIMITS REQUIRED FOR BACKFILL BEHIND THE SEMI-INTEGRAL ABUTMENT DIAPHRAGMS SHALL BE INCLUDED FOR PAYMENT WITH THIS ITEM. PAYMENT FOR ITEM 613 - LOW STRENGTH MORTAR BACKFILL, AS PER PLAN SHALL BE CONSIDERED FULL PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS REQUIRED TO PERFORM THE WORK TO THE LIMITS SPECIFIED.

ABBREVIATION LIST:

THE FOLLOWING STANDARD ABBREVIATIONS ARE USED THROUGHOUT THE BRIDGE PLANS.

ABUT.	= ABUTMENT
A.P.P.	= AS PER PLAN
A.T.G.	= ADJUST TO GRADE
BRG.	= BEARING
CB	= CATCH BASIN
C/C	= CENTER -TO-CENTER
C.J.	= CONSTRUCTION JOINT
CLR.	= CLEARANCE
CONST.	= CONSTRUCTION
DIA.	= DIAMETER
DWG.	= DRAWING
EA.	= EACH
E.F.	= EACH FACE
EL.	= ELEVATION
EST.	= ESTIMATED
EX.	= EXISTING
F.A.	= FORWARD ABUTMENT
F.D.S.	= FINAL DECK SURFACE
F.F.	= FAR FACE
INV.	= INVERT
LT.	= LEFT
MH	= MANHOLE
N.P.C.P.P.	= NON-PERFORATED CORRUGATED PLASTIC PIPE
N.F.	= NEAR FACE
O/O	= OUT-TO-OUT
P.C.P.P.	= PERFORATED CORRUGATED PLASTIC PIPE
PEJF	= PREFORMED EXPANSION JOINT FILLER
PROP.	= PROPOSED
R.A.	= REAR ABUTMENT
REQD.	= REQUIRED
RT.	= RIGHT
SER.	= SERIES
SHLD.	= SHOULDER
SPA.	= SPACES
STA.	= STATION
STD.	= STANDARD
STM	= STORM SEWER LINE
T&B	= TOP AND BOTTOM
T/S	= TOP OF SLOPE
T/T	= TOE-TO-TOE
TYP.	= TYPICAL
UN	= UNLESS NOTED
WWR	= WELDED WIRE REINFORCING

GENERAL NOTES - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER JCS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 2 | TOTAL 46
SHEET P.1745 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN:

IN ADDITION TO THE WORK ITEMS REQUIRED IN 511, THIS ITEM WILL INCLUDE THE DEVELOPMENT, DELIVERY AND PLACEMENT OF A CLASS QC2 SELF CONSOLIDATING CONCRETE MIX DESIGN AS DESCRIBED IN THE FOLLOWING NOTE:

PROVIDE A CONCRETE MIX WITH THE FOLLOWING PROPERTIES:

SELF-CONSOLIDATING CONCRETE (SCC): WHEN REQUIRED IN THE DESIGN PLANS OR APPROVED BY THE ENGINEER, PROVIDE AN SCC MIX WITH AGGREGATE GRADATIONS WITHIN ZONE II OF THE COARSENESS FACTOR CHART THAT IS FLOWABLE, NON-SEGREGATING CONCRETE THAT CAN SPREAD INTO PLACE, FILL THE FORMWORK, AND ENCAPSULATE THE REINFORCEMENT WITHOUT MECHANICAL CONSOLIDATION. INCREASING THE AMOUNT OF AN APPROVED 705.12 (SCC) ADMIXTURE OF AN APPROVED JMF TO ACHIEVE THE DESIRED CONSISTENCY; RE-PROPORTIONING THE AGGREGATES WITHIN ZONE II; ADDING CEMENTITIOUS MATERIAL; AND INCLUDING A VISCOSITY MODIFYING ADMIXTURE (VMA) ARE ACCEPTABLE METHODS OF IMPROVING THE STABILITY OF THE MIX. A NEW MIX DESIGN IS NOT REQUIRED.

SLUMP REQUIREMENTS OF TABLE 499.04-1 DO NOT APPLY.

ESTABLISH QUALITY CONTROL PROCEDURES IN THE QUALITY CONTROL PLAN FOR SCC CONCRETE. SET THE TARGET SLUMP FLOW FOR THE MIX AND MAINTAIN THE FLOW WITHIN 2 INCHES. VISUALLY INSPECT THE STABILITY OF THE MIX TO ENSURE THAT THERE IS NO AGGREGATE PILE IN THE MIDDLE OF, NOR MORTAR HALO IN EXCESS OF ⅛ INCH ON THE LEADING EDGE OF THE SLUMP FLOW TEST PILE. TEST THE SLUMP FLOW ACCORDING TO ASTM C1611.

GRADATION:

PROVIDE A WELL-GRADED CONCRETE MIX BY MAINTAINING THE GRADATION OF THE COMBINATION OF AGGREGATES WITHIN ZONE II (OPTIMAL) OF THE COARSENESS FACTOR CHART (FIGURE 1) AS DEFINED IN THE COMPASS OR EQUAL SOFTWARE. USE A 1 INCH NOMINAL MAXIMUM SIZE AGGREGATE. ENSURE THAT THE DESIGN YIELD IS 27.0 CU. FT.

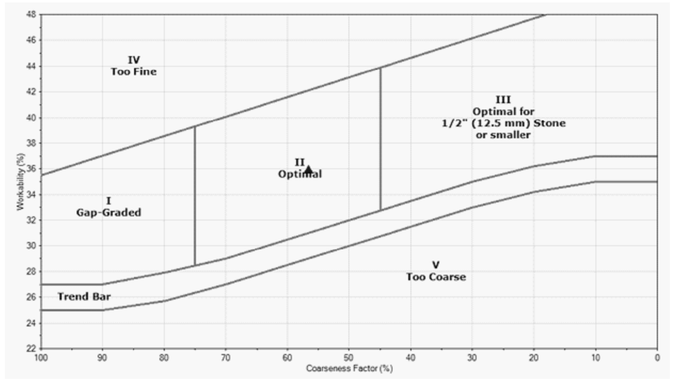


FIGURE 1- COARSENESS FACTOR CHART

USE THE FOLLOWING SIEVE SIZES TO DETERMINE THE GRADATION OF THE AGGREGATES:

1 1/2 INCH	# 8
1 INCH	# 16
3/4 INCH	# 30
1/2 INCH	# 50
3/8 INCH	# 100
#4	# 200

IN THE CHART:
WORKABILITY FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT PASSES THE NO. 8 SIEVE. COARSENESS FACTOR (%) REFERS TO THE PERCENT OF THE COMBINED AGGREGATE THAT IS RETAINED ON THE NO. 8 SIEVE THAT IS ALSO RETAINED ON THE 3/8 IN. SIEVE. THE CHART IS BASED ON A CEMENT CONTENT OF 564 LBS /CU.YD. ADJUST TO WORKABILITY PROPORTIONATELY AND DIRECTLY BY 2.5% PER 94 LBS. OF CEMENT WHEN USING EITHER LESS OR MORE. ENSURE THAT THE CONCRETE MIX DESIGN IS WORKABLE AND FINISHABLE DURING THE TRIAL PROCESS. WHEN THE MIX IS DETERMINED TO HAVE ISSUES RELATING TO WORKABILITY OR FINISHABILITY IN THE FIELD, THE DEPARTMENT MAY RESCIND THE MIX DESIGN ACCEPTANCE.

THIS SCC CONCRETE IS BEING UTILIZED TO BEST FILL THE FORMLINED CONCRETE POURS WHERE SPECIFIED IN THIS PLAN.

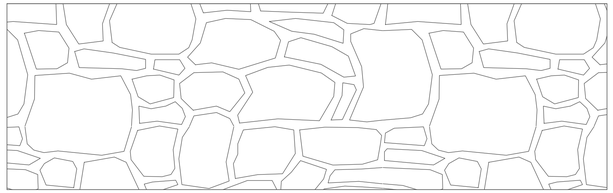
ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (CONT):

THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

TWO FULL SCALE, DIFFERENTLY PATTERNED AND SEALED PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

PAYMENT WILL INCLUDE DEVELOPMENT AND PLACEMENT OF THE SELF CONSOLIDATING CONCRETE MIX, ALL AESTHETIC TREATMENT INCLUDING THE CONCRETE, SURFACE FINISH, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR:

ITEM 511 - CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2¼" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅝" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

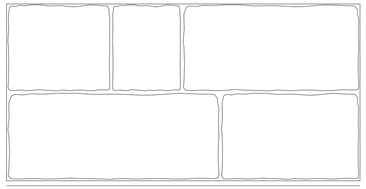
ARCHITECTURAL FINISH - ABUTMENTS:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE ABUTMENTS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF INDIGENOUS SANDSTONE. THE SURFACE FINISH SHALL BE PATTERN #1102-R2 FROM CUSTOM ROCK INTERNATIONAL OR AN APPROVED EQUAL MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR C-21 ADOBE TAN OR 1010 BROWNSTONE AS PROVIDED BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH C-21 ADOBE TAN AND ONE WITH 1010 BROWNSTONE. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE ABUTMENTS. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ARCHITECTURAL FINISH - ABUTMENTS (CONT.):

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



CUSTOM ROCK INTERNATIONAL (C.R.I.)
PATTERN # 1102-R2 OR APPROVED EQUAL

RECTANGULAR CUT STONE (EVEN COURSING):
NUMBER OF COURSES PER 5 FT. TALL PANEL = 2
MAX RELIEF = 2"
AVERAGE RELIEF = 1½"
STONE SIZES (LENGTH) = 2' TO 6'

ARCHITECTURAL WALL ELEVATION

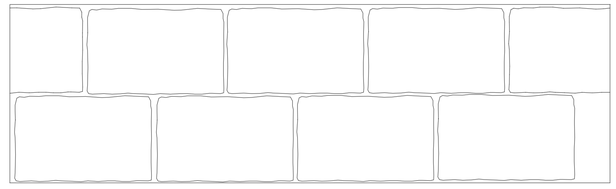
NOTE: CORNER ELEMENTS SHALL HAVE THE SAME AESTHETIC TREATMENT AS THE WALL PANELS.

ARCHITECTURAL FINISH - SIDEWALK:

AN AESTHETIC TREATMENT SYSTEM SHALL BE APPLIED TO THE SIDEWALK ON THE BRIDGE DECK AND APPROACH SLABS SUCH TO DUPLICATE CLOSELY THE APPEARANCE OF COBBLESTONE. THE SURFACE FINISH SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE. THE INTEGRALLY COLORED CONCRETE USING CHROMIX ADMIXTURES SHALL BE COLOR 5050, SPANISH TILE, AS SHOWN IN CHARTS BY L.M. SCOFIELD COMPANY, DOUGLASVILLE, GEORGIA (800) 800-9900 OR APPROVED EQUAL. TWO PRECONSTRUCTION PANELS WILL BE REQUIRED, ONE WITH 5050, SPANISH TILE AND ONE WITH A COLOR TO BE DETERMINED BY THE DISTRICT. THE DIRECTOR WILL DECIDE THE COLOR FROM THE TEST SAMPLES.

TWO PRECONSTRUCTION TEST SAMPLES SHALL BE PROVIDED FOR APPROVAL BY THE DIRECTOR. IF THE TEST SAMPLES DO NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED FORM LINER OR INTEGRALLY COLORED CONCRETE. THE TEST SAMPLE MUST PASS APPROVAL. FAILURE WILL CONSTITUTE PLACEMENT OF ANOTHER TEST SAMPLE. A FIVE FOOT BY FIVE FOOT TEST SAMPLE SHALL BE MADE. THE MOCK-UP SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS AND PATTERN AS USED ON THE PROJECT. THE SAMPLE SHOULD BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND INTEGRALLY COLORED CONCRETE THAT WILL BE USED FOR THE SIDEWALK. AFTER APPROVAL THE CONCRETE TEST SAMPLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

ALL AESTHETIC TREATMENT, INCLUDING THE INTEGRAL CONCRETE COLORING ADMIXTURE, SURFACE FINISH, TEST SAMPLES AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE SF PAYMENT FOR ITEM 530 SPECIAL - FORM LINER.



ARCHITECTURAL SURFACE - PLAN

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	PANEL SURFACE TREATMENT:	SPECIFICATIONS:
BRICKFORM (A DIVISION OF SOLOMON COLORS, INC.)	EDINBURGH COBBLE # FM-520	MAX RELIEF ¼" LINER THICKNESS N/A STONE SIZE 6"
PARADISE MASONRY LLC	OLD COBBLESTONE # CS100	MAX RELIEF ¼" LINER THICKNESS N/A STONE SIZE 5" TO 8½"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

GENERAL NOTES - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY: STRUCTUREPOINT
DESIGNER JCS | CHECKER SJF
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 3 | TOTAL 46
SHEET P.1746 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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ESTIMATED QUANTITIES

CALCULATED BY: XXX DATE: XX/XX/XXXX
CHECKED BY: XXX DATE: XX/XX/XXXX

ITEM	EXT.	QUANTITY	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER STR.	GEN.	SHT. NO.
503	11100		LS	COFFERDAMS AND EXCAVATION BRACING					
503	21300		LS	UNCLASSIFIED EXCAVATION					
505	11100		LS	PILE DRIVING EQUIPMENT MOBILIZATION					
507	00500		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
507	00550		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
507	00700		FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
507	00750		FT	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
509	26000		LB	GALVANIZED STEEL REINFORCEMENT					
511	33500		EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE					
511	34446		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK					
511	34451		CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN					3/46
511	41012		CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS					
511	44112		CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING					
511	46512		CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING					
511	51512		CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK					
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					
512	33000		SY	TYPE 2 WATERPROOFING					
515	15130		EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (126'-7")					
515	15130		EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (110'-7")					
515	20000		EACH	INTERMEDIATE DIAPHRAGMS					
516	13601		SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN					2/46
516	13901		SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN					2/46
516	14020		FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL					
516	14600		FT	STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB					
516	44200		EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (1'-1" x 2'-4" x 3 3/8"), (NEOPRENE)					
516	44201		EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (1'-1" x 2'-4" x 3 3/8"), (NEOPRENE), AS PER PLAN					15/46
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
523	20000		EACH	DYNAMIC LOAD TESTING					
523	20001		EACH	DYNAMIC LOAD TESTING, AS PER PLAN					2/46
523	20501		EACH	RESTRIKE, AS PER PLAN					2/46
526	30010		SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")					
530	13000		SF	SPECIAL - FORM LINER					
607	40000		FT	SPECIAL - VANDAL PROTECTION FENCE (DECORATIVE)					
625	33000		EACH	STRUCTURE GROUNDING SYSTEM					
ALTERNATE BID ITEMS - ALTERNATE 1									
607	39900		FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC					

ESTIMATED QUANTITIES
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.
DESIGNER BWJ | CHECKER JCS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 4 | TOTAL 46
SHEET P.1747 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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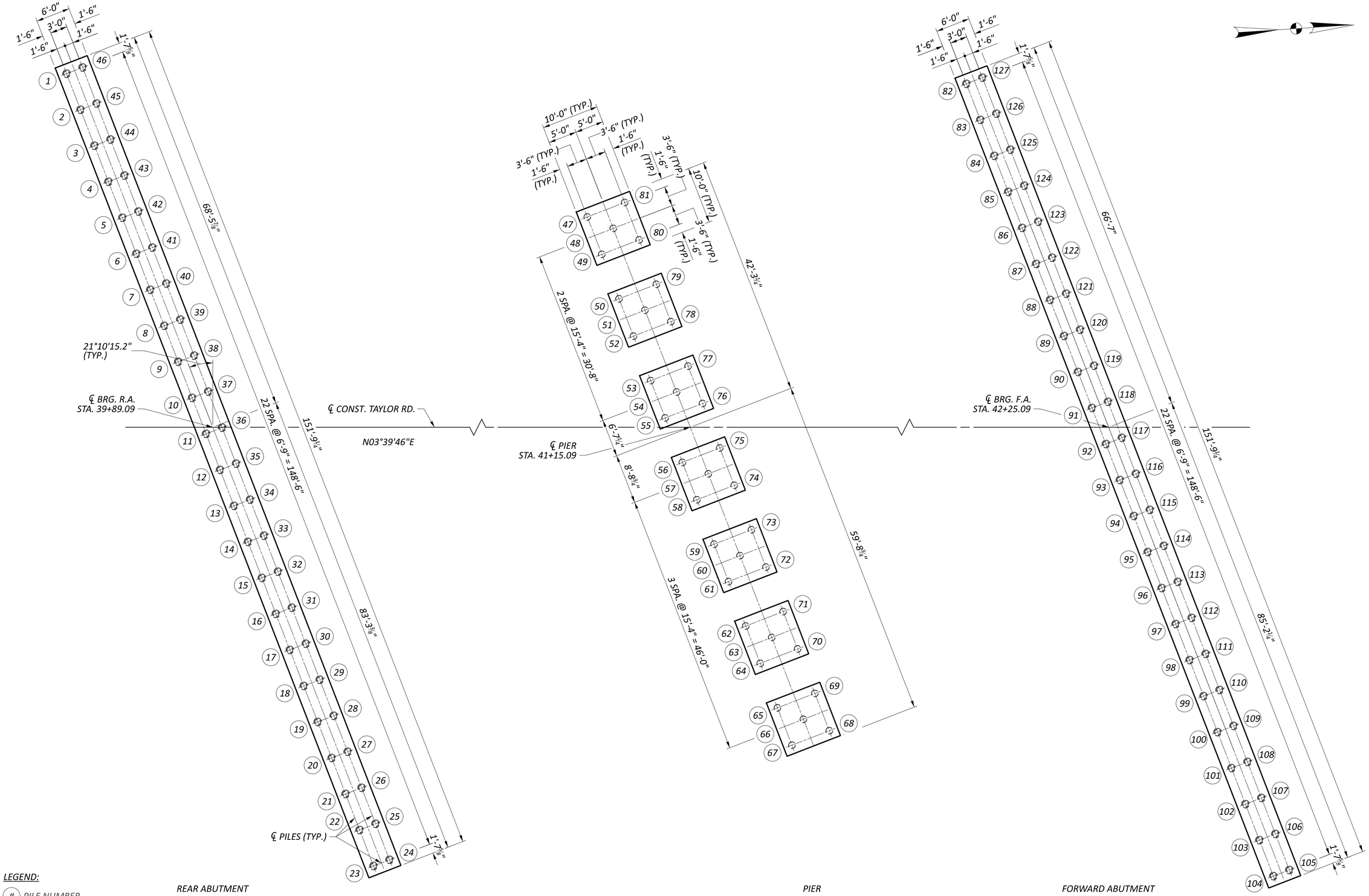

REAR ABUTMENT | PIER | FORWARD ABUTMENT

LEGEND:

(#) PILE NUMBER

VERTICAL 16" DIA. CIP PILE

VERTICAL 12" DIA. CIP PILE WITH PILE SLEEVE

FOUNDATION PLAN

FAI/LIC-70.0.00/0.00

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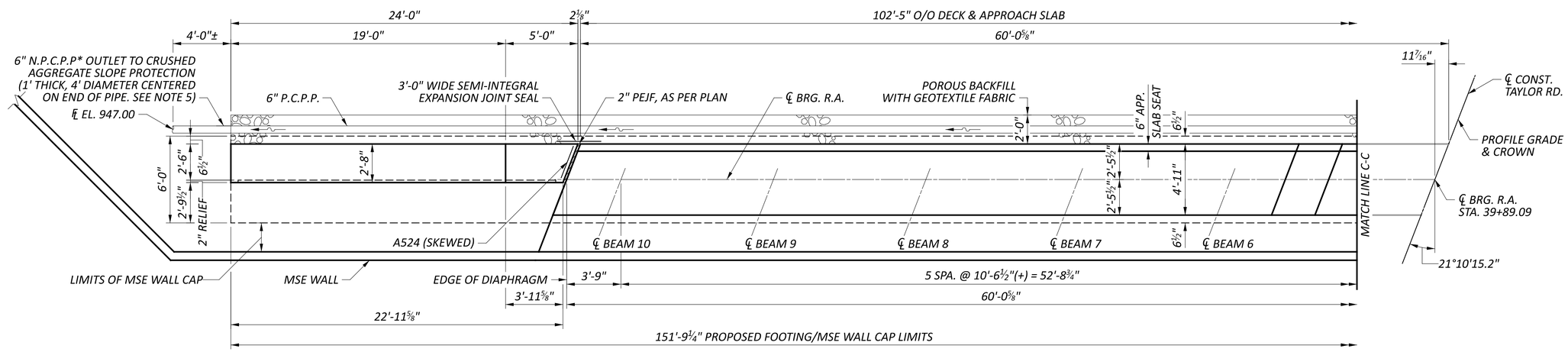
FOUNDATION PLAN
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	ABD/JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	5
TOTAL	46
SHEET	P.1748
TOTAL	P.2024



PLAN - REAR ABUTMENT

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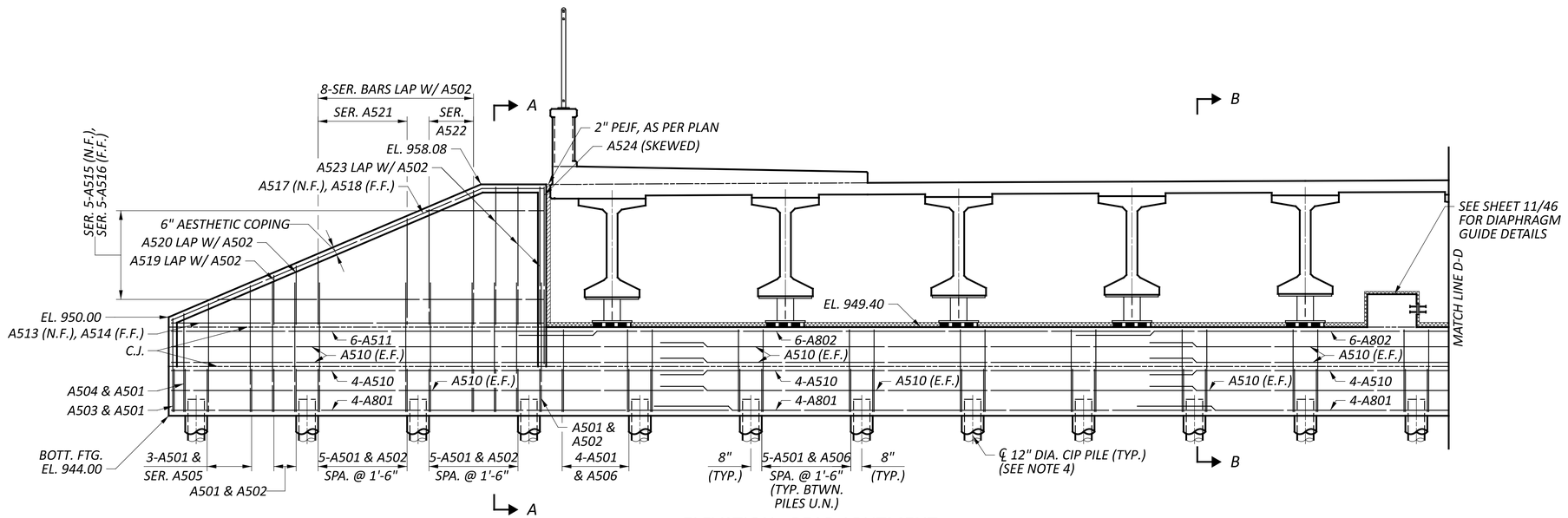
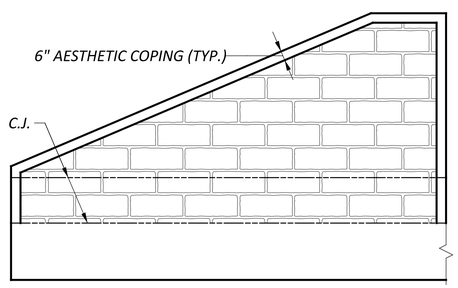


ELEVATION - REAR ABUTMENT



WINGWALL AESTHETIC LAYOUT

REAR RIGHT WINGWALL SHOWN. REAR LEFT OPPOSITE HAND
APPLY FORM LINER TO SHADED AREAS, FRONT FACE ONLY
SEE BRIDGE GENERAL NOTES FOR ARCHITECTURAL SURFACE FINISH REQUIREMENTS

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

LEGEND

- LIMITS OF FORM LINER

* - SLOPE 1/8" PER FOOT TOWARD OUTLET

NOTES:

1. SEE STD. DWG. SICD-1-21 FOR ADDITIONAL NOTES AND DETAILS.
2. SEE STD. DWG. SICD-2-14 AND SHEET 11/46 FOR DIAPHRAGM GUIDE DETAILS.
3. SEE SHEET 10/46 FOR SECTIONS A-A & B-B
4. SEE SHEET 5/46 FOR PILE LOCATIONS.
5. PAYMENT FOR CRUSHED AGGREGATE SLOPE PROTECTION INCLUDED WITH ITEM 518.

REAR ABUTMENT PLAN AND ELEVATION - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER MAH | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 6 | TOTAL 46
SHEET P.1749 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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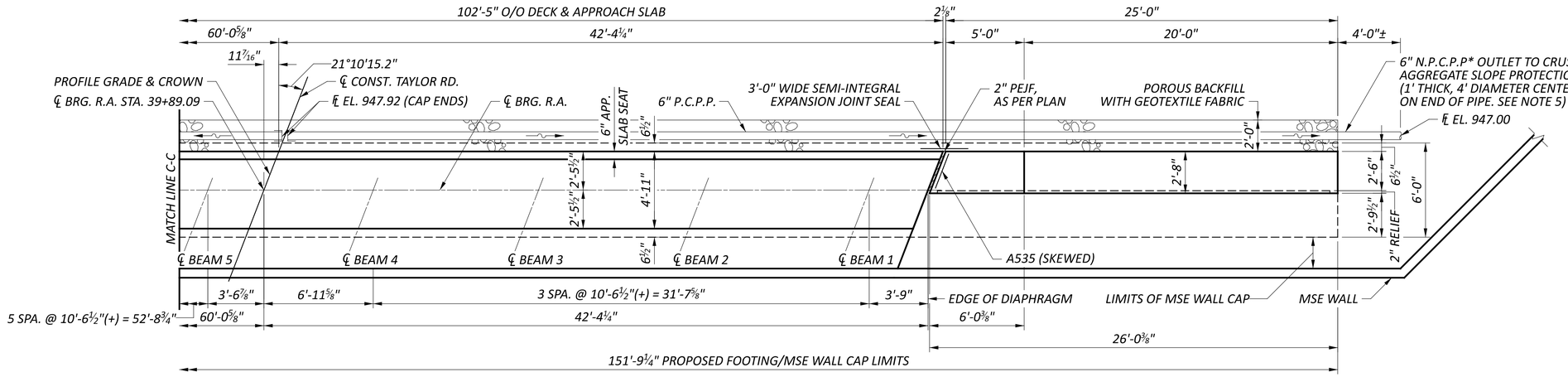

PLAN - REAR ABUTMENT

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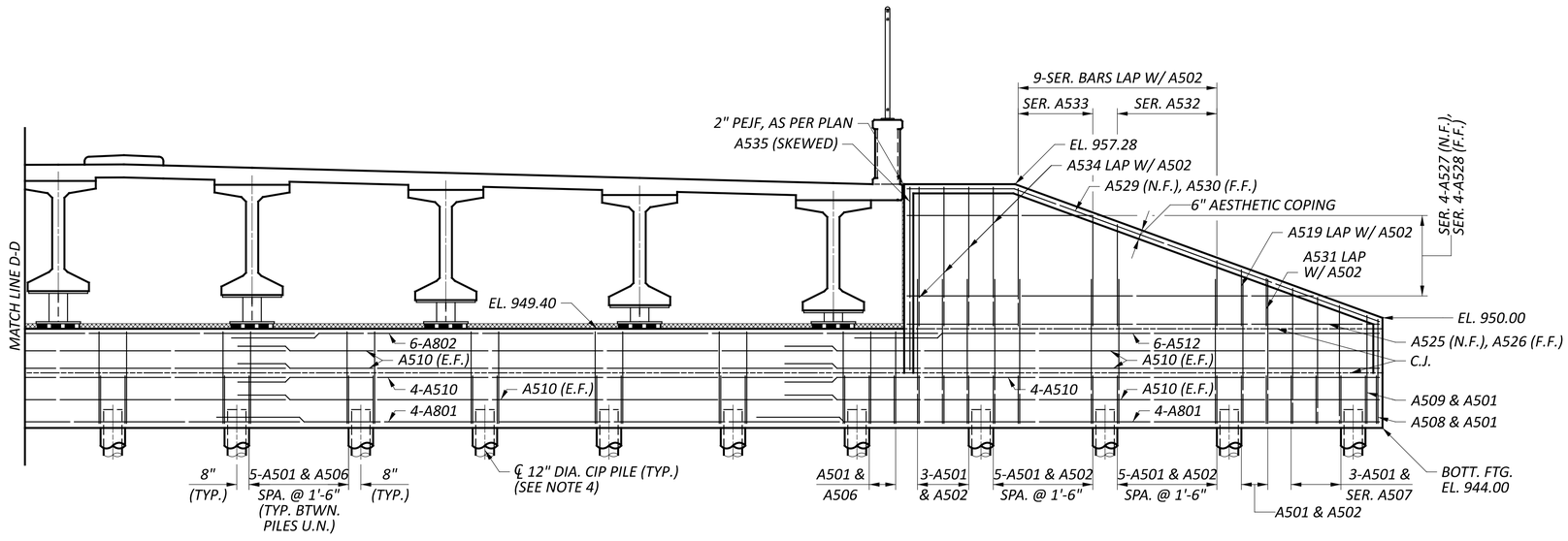

ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

NOTES:

1. SEE SHEET 6/46 FOR NOTES AND LEGEND.

REAR ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT
DESIGNER MAH | CHECKER ABD
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 7 | TOTAL 46
SHEET P.1750 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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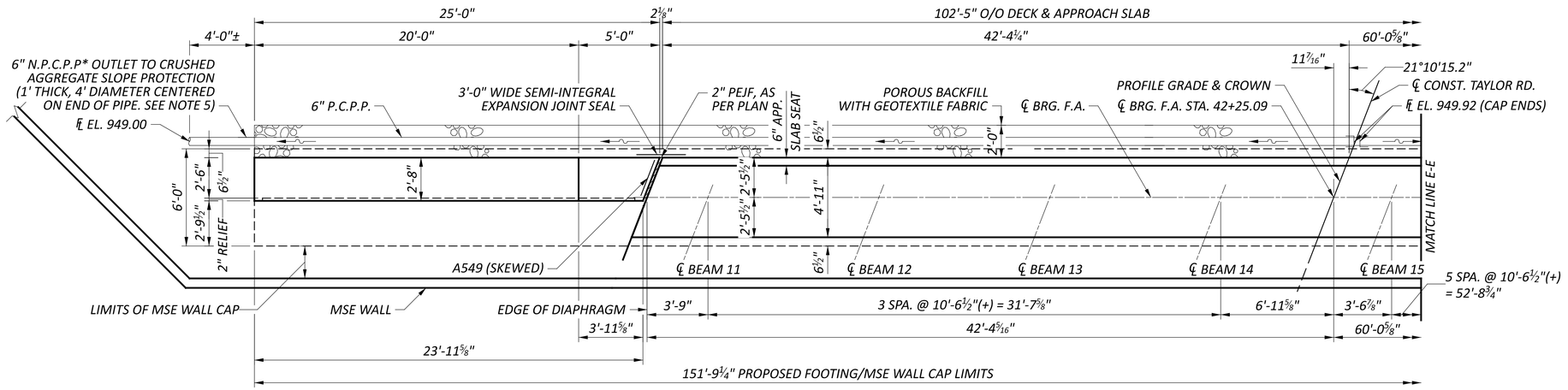
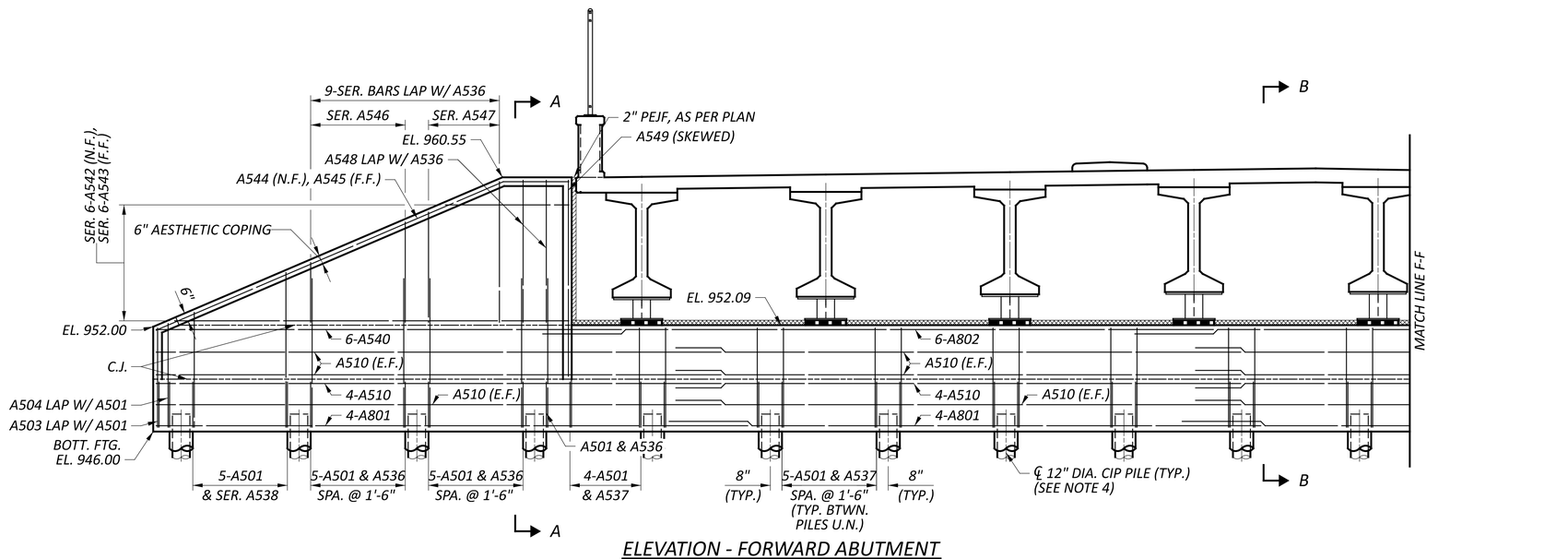
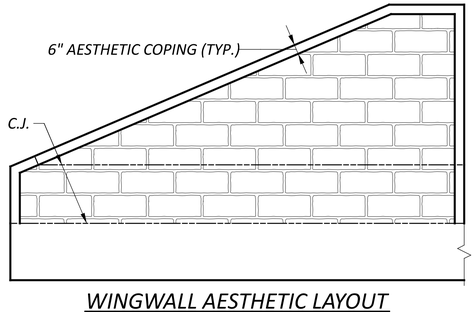


PLAN - FORWARD ABUTMENT

(PILES NOT SHOWN FOR CLARITY)



ELEVATION - FORWARD ABUTMENT



WINGWALL AESTHETIC LAYOUT

FORWARD LEFT WINGWALL SHOWN, FORWARD RIGHT MIRRORED
APPLY FORM LINER TO SHADED AREAS, FRONT FACE ONLY
SEE BRIDGE GENERAL NOTES FOR ARCHITECTURAL SURFACE FINISH REQUIREMEN

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

LEGEND

1 - A501 & A502 SPA. @ 1'-6"

NOTES:

1. SEE SHEET 6/46 FOR NOTES AND LEGEND.

FORWARD ABUTMENT PLAN AND ELEVATION - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	MAH
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	8
TOTAL	46
SHEET	P.1751
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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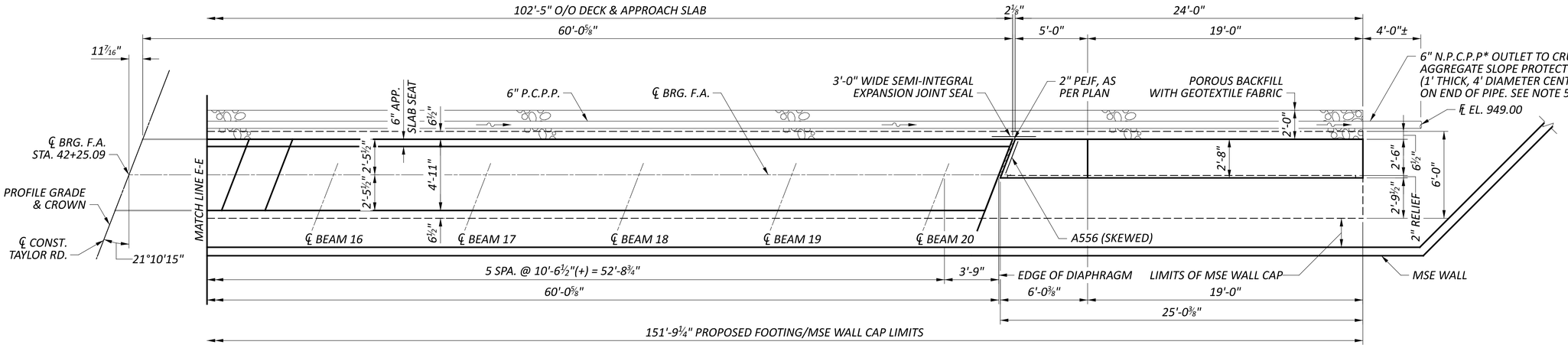

PLAN - FORWARD ABUTMENT

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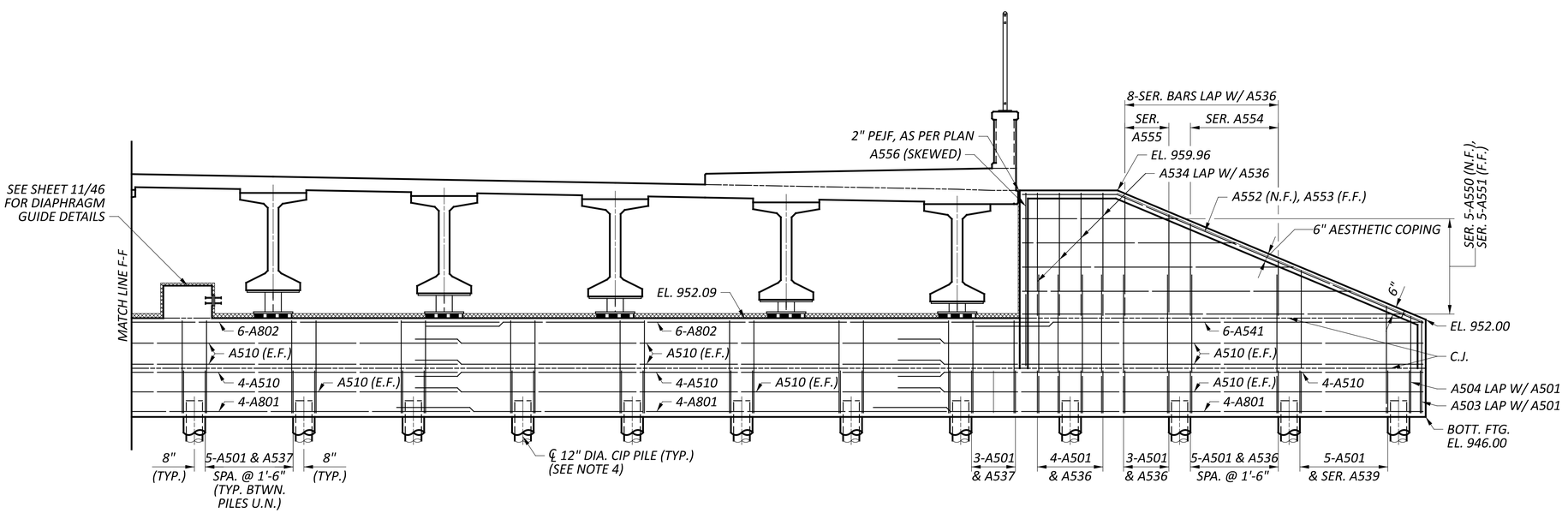

ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

LEGEND

1 - A501 & A502 SPA. @ 1'-6"

NOTES:

1. SEE SHEET 6/46 FOR NOTES AND LEGEND.

FORWARD ABUTMENT PLAN AND ELEVATION - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
MAH	ABD

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
9	46

SHEET	TOTAL
P.1752	P.2024

FAI/LIC-70.0.00/0.00

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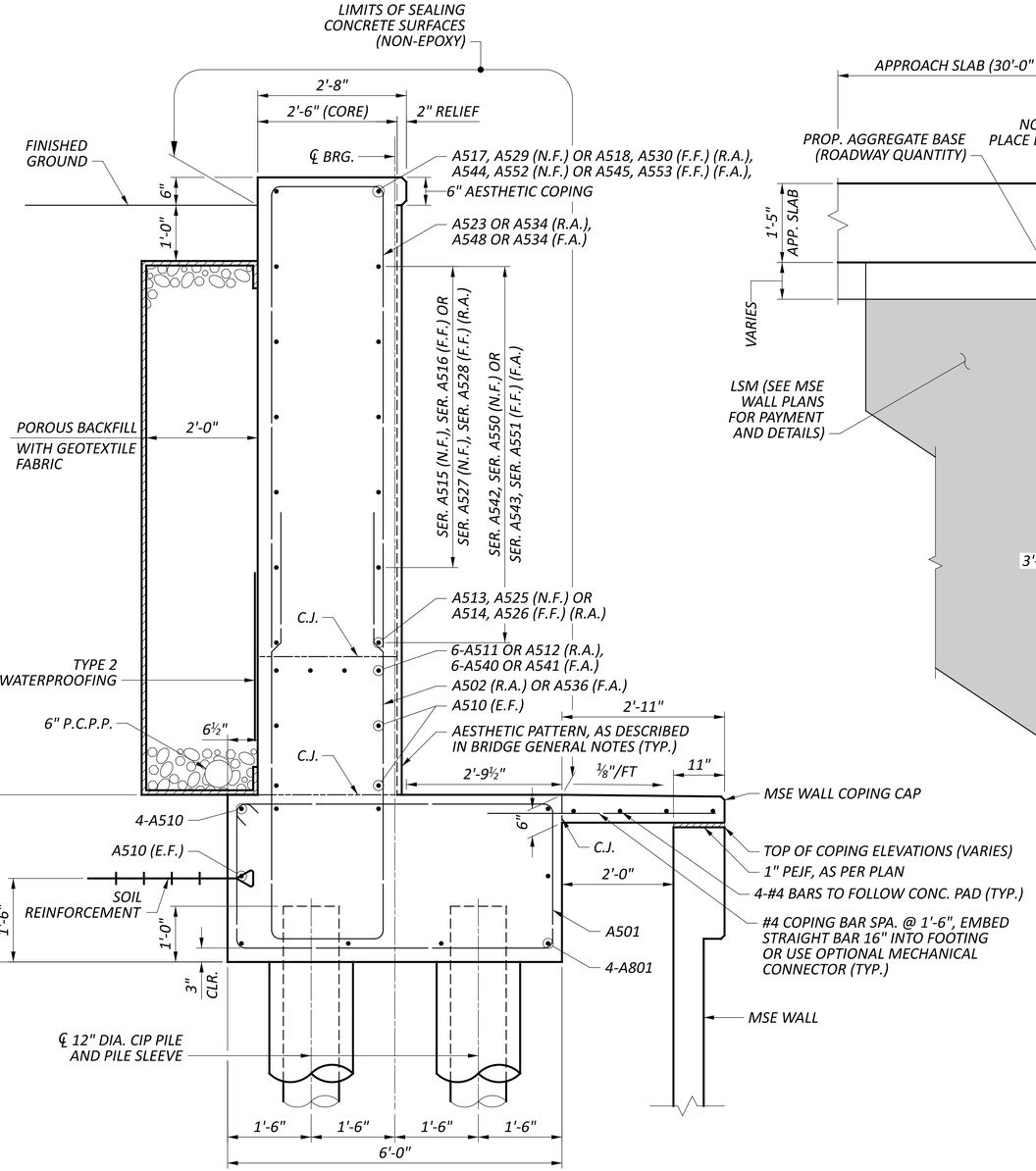
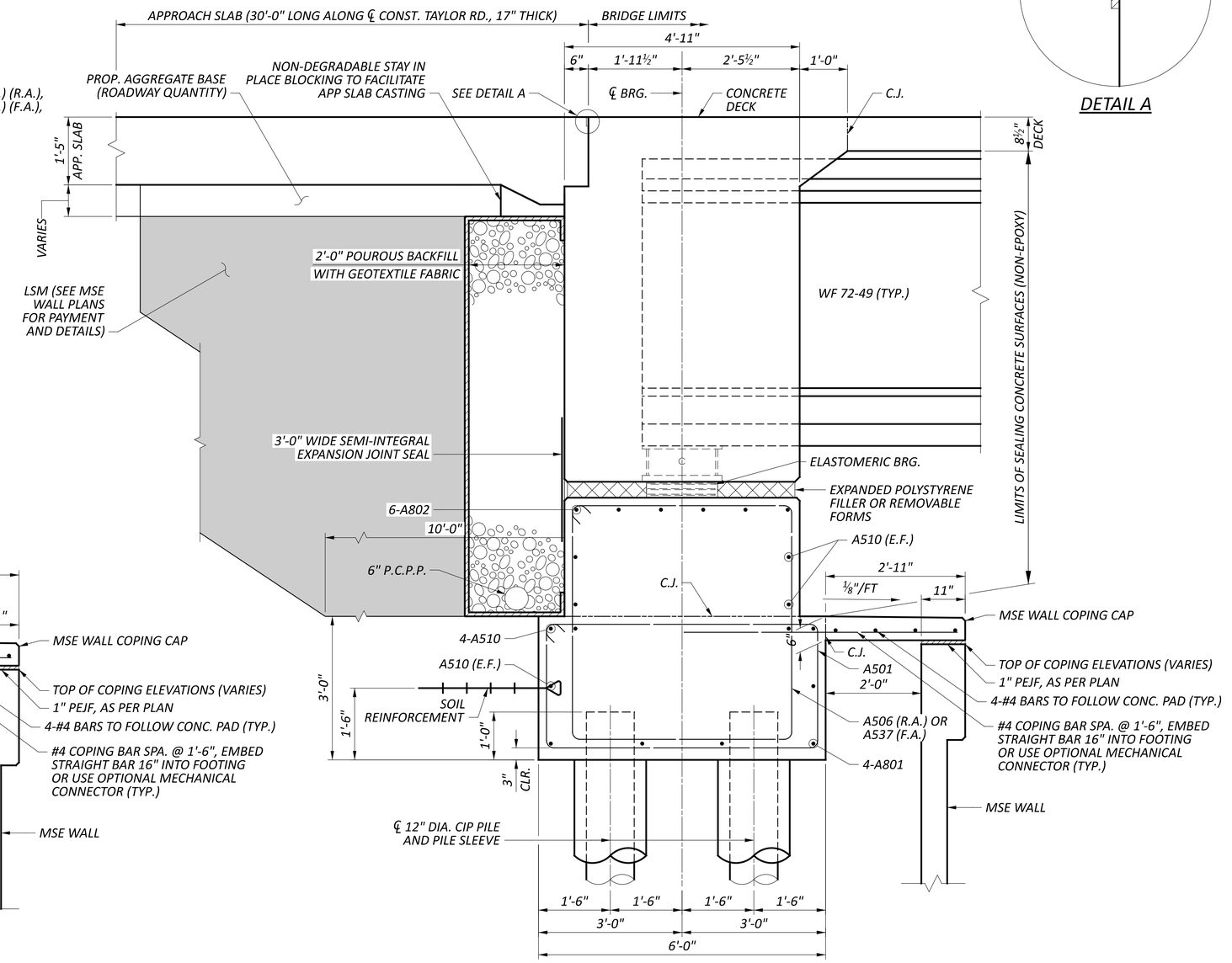


SECTION A-A



SECTION B-B

NOTES:

1. SEE STD. DWG. SICD-1-21 FOR ADDITIONAL NOTES AND DETAILS.
2. SEE SHEET 11/46 FOR DIAPHRAGM GUIDE DETAILS.

ABUTMENT DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	10
TOTAL	46
SHEET	P.1753
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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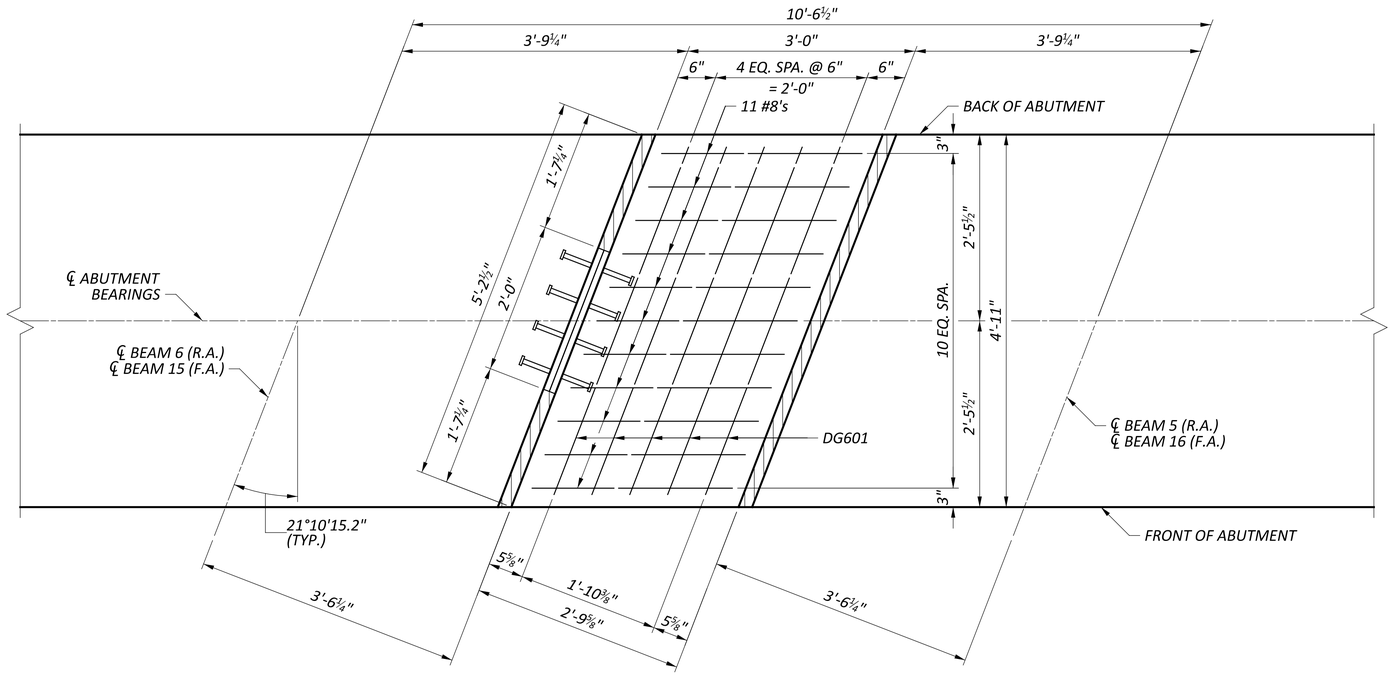
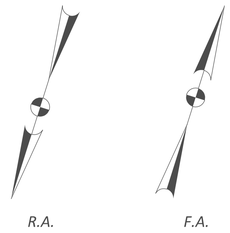
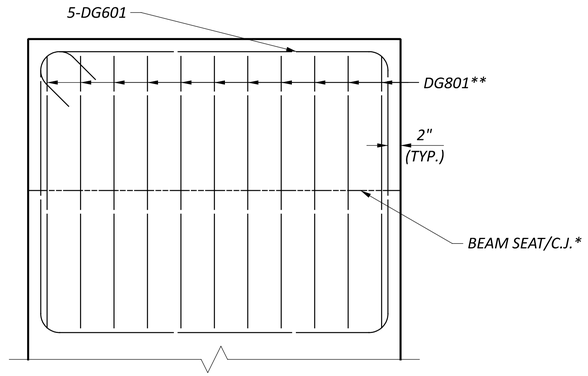
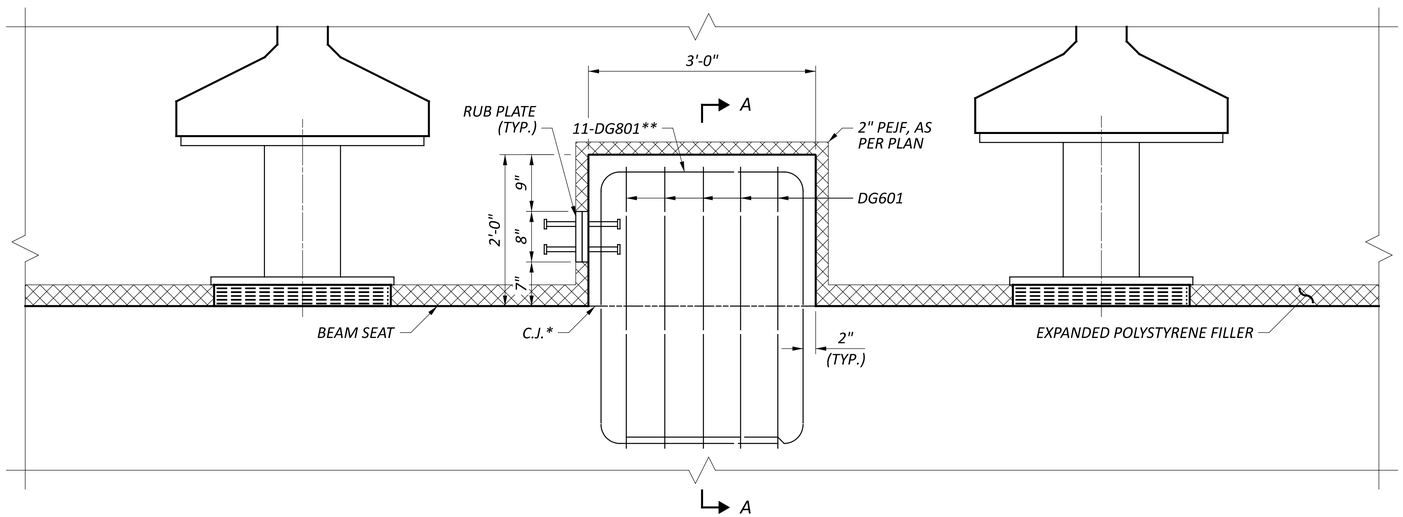


DIAPHRAGM GUIDE PLAN





SECTION A-A



DIAPHRAGM GUIDE ELEVATION

LEGEND

* - *FINISH THE SURFACE OF THE CONSTRUCTION JOINT WITH A SERRATED TROWEL. THE SERRATIONS SHALL BE 1/4" DEEP.*

** - *PLACE TO AVOID INTERFERENCE WITH LONGITUDINAL REINFORCEMENT IN THE BEAM SEAT.*

NOTES:

1. *SEE STD. DWG. SICD-2-24 FOR ADDITIONAL NOTES AND DETAILS.*
2. *SEE SHEETS 6, 7, 8 AND 9/46 FOR DIAPHRAGM GUIDE LOCATIONS.*
3. *PAYMENT FOR SEMI-INTEGRAL DIAPHRAGM GUIDE AND ALL RELATED APPURTENANCES SHALL BE INCLUDED WITH ITEM 511, SEMI-INTEGRAL DIAPHRAGM GUIDE.*

ABUTMENT DIAPHRAGM GUIDE DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	MORTON STRUCTUREPOINT INC.
DESIGNER	MAH
CHECKER	ABD
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	11
TOTAL	46
SHEET	P.1754
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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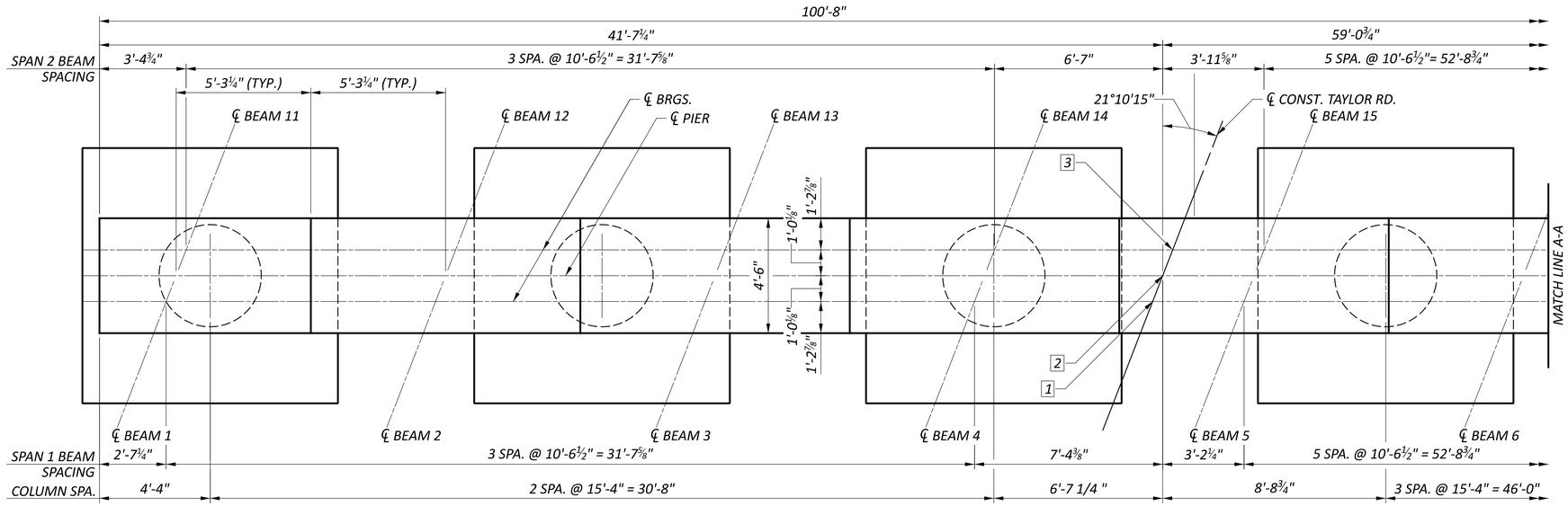
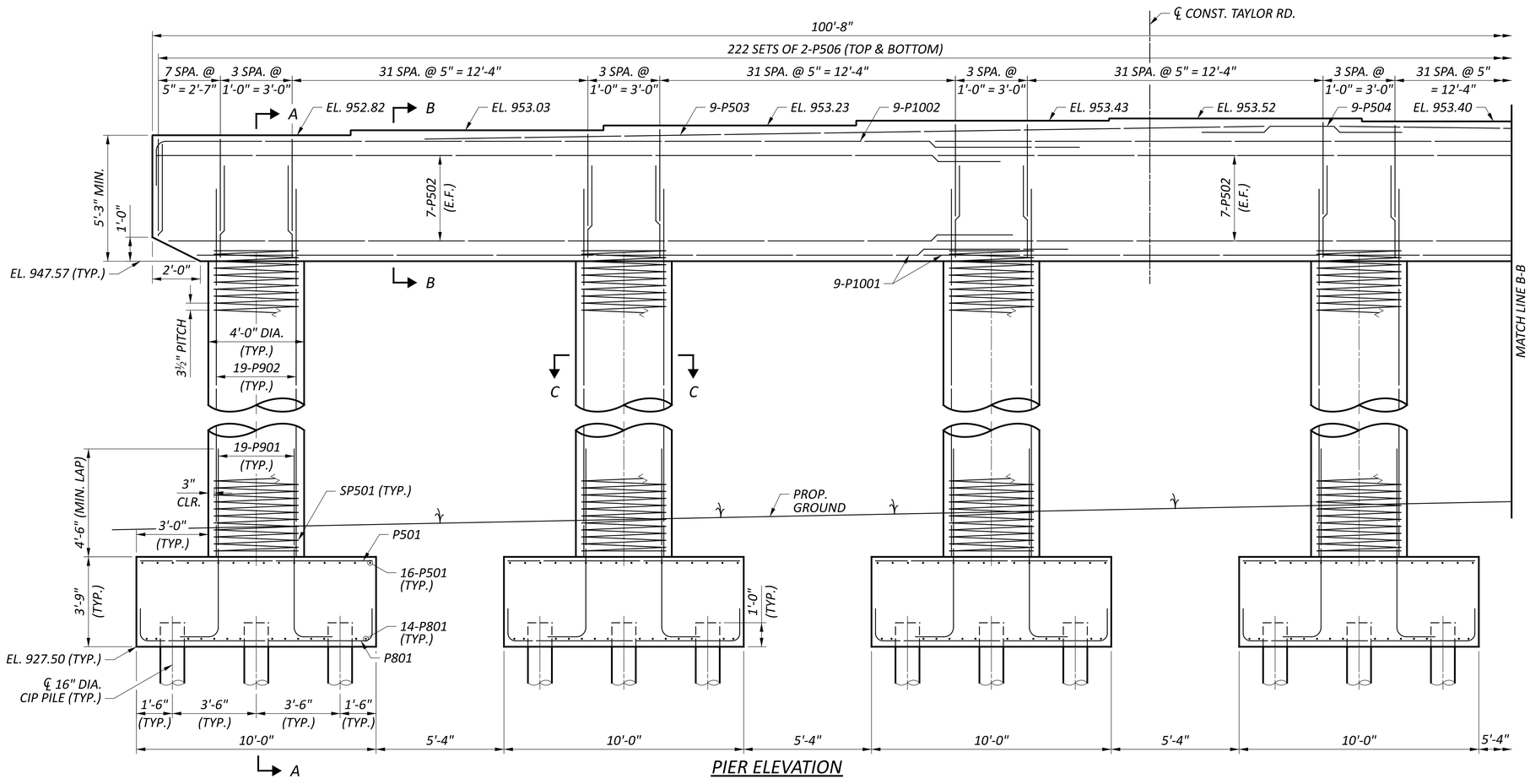


PIER PLAN



PIER ELEVATION

MINIMUM BAR LAP	
#5	2'-7"
#9	5'-7"
#10	6'-10"

LEGEND

1 - ℄ BRG. (SPAN 1), STA. 41+14.00

2 - ℄ PIER 1, STA. 41+15.09

3 - ℄ BRG. (SPAN 2), STA. 41+16.17

NOTES:

1. SEE SHEET 14/46 FOR FOOTING PLAN, VIEW A-A, AND SECTION B-B AND C-C.

PIER DETAILS - 1

BRIDGE NO. FAI-0204A-00.460

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT INC.

DESIGNER	CHECKER
MAH	JCS

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
12	46

SHEET	TOTAL
P.1755	P.2024

FAI/LIC-70.0.00/0.00

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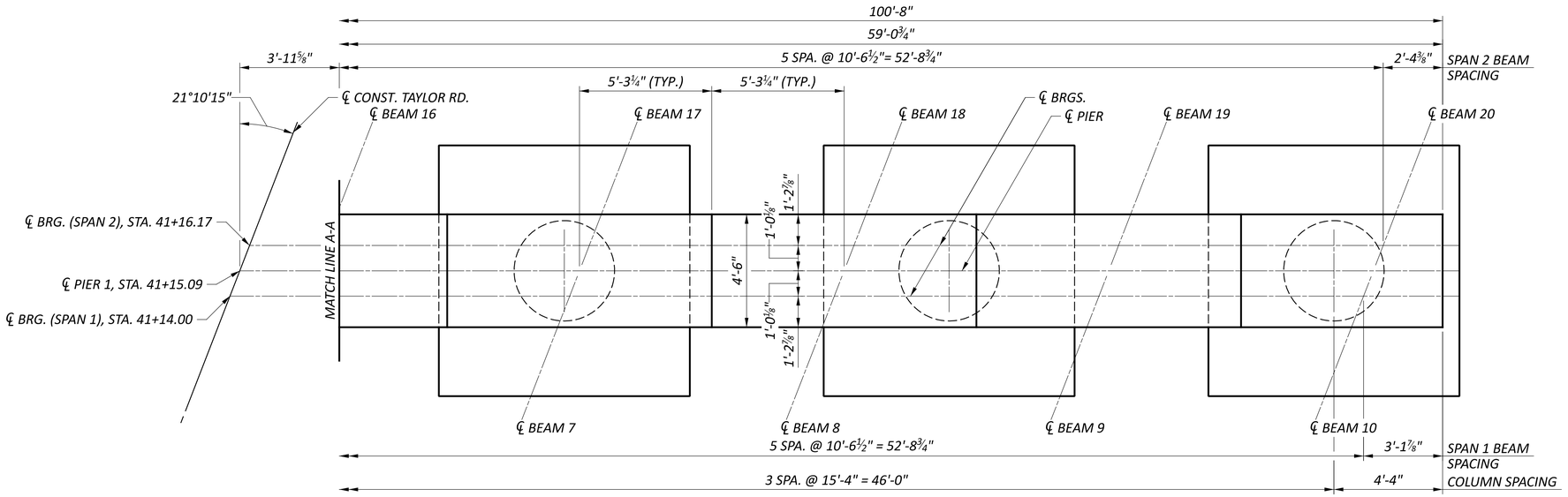
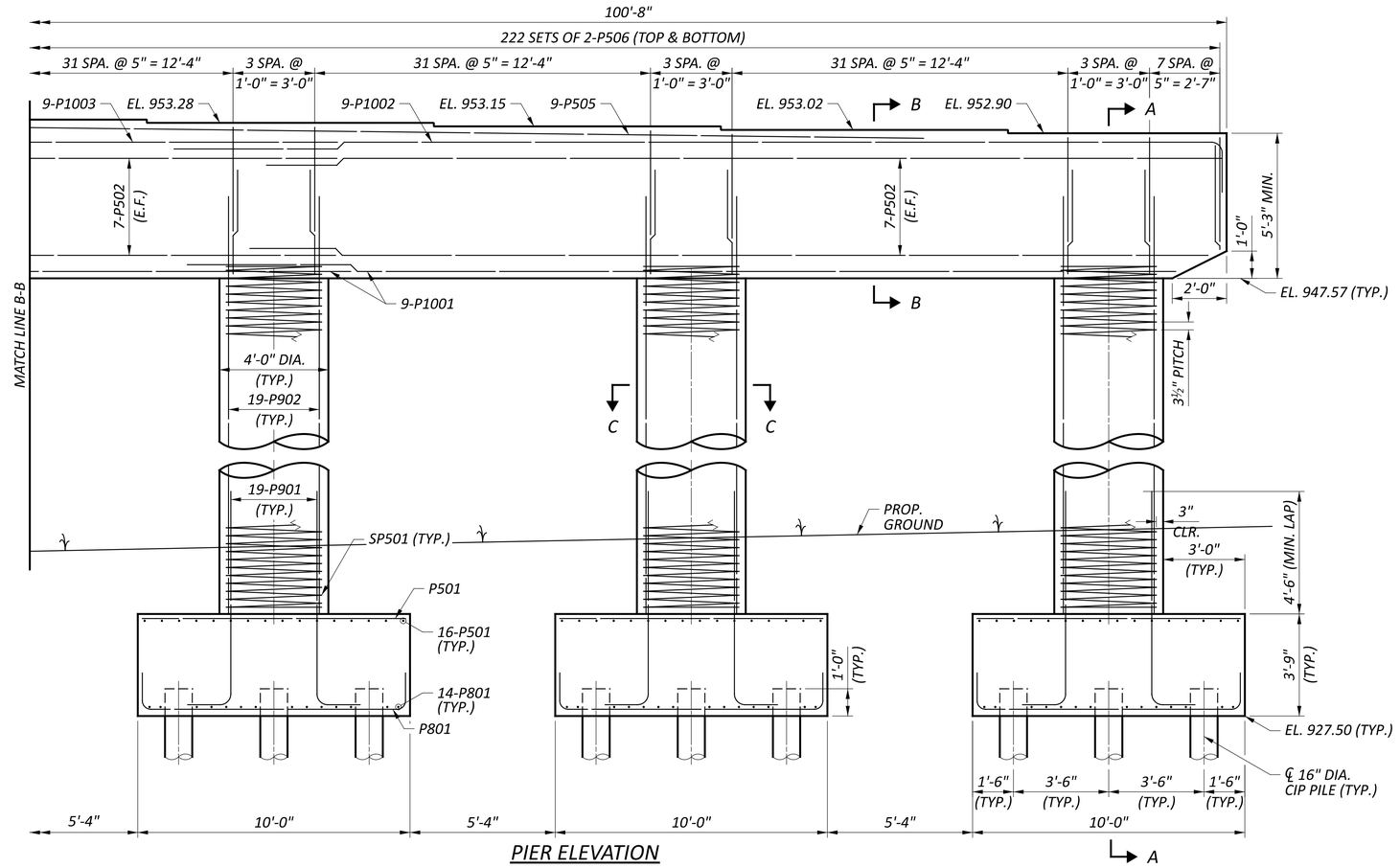


PIER PLAN



PIER ELEVATION

MINIMUM BAR LAP	
#5	2'-7"
#9	5'-7"
#10	6'-0"

NOTES:

1. SEE SHEET 12/46 FOR NOTES.

PIER DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
MAH	JCS

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
13	46

SHEET	TOTAL
P.1756	P.2024

FAI/LIC-70.0.00/0.00

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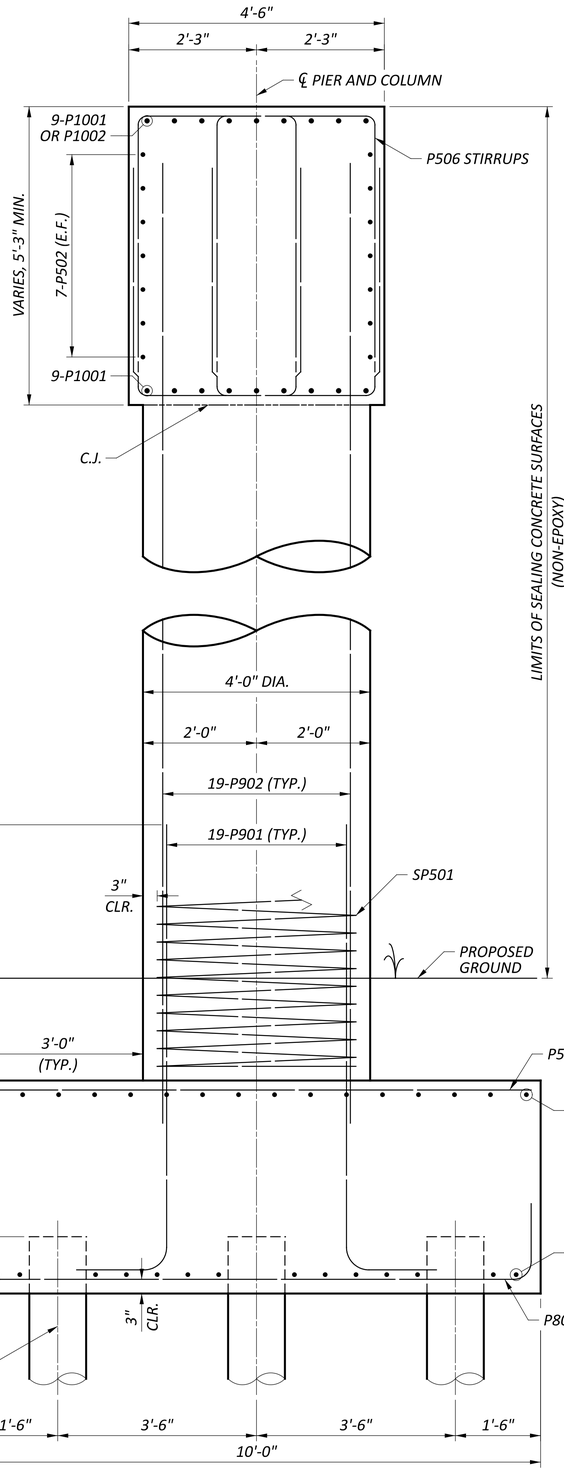
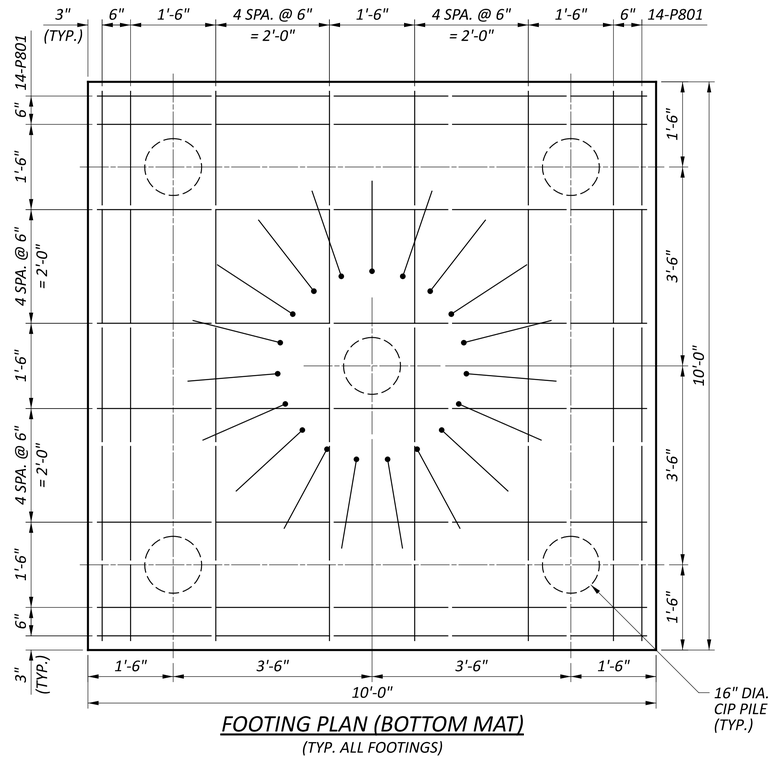
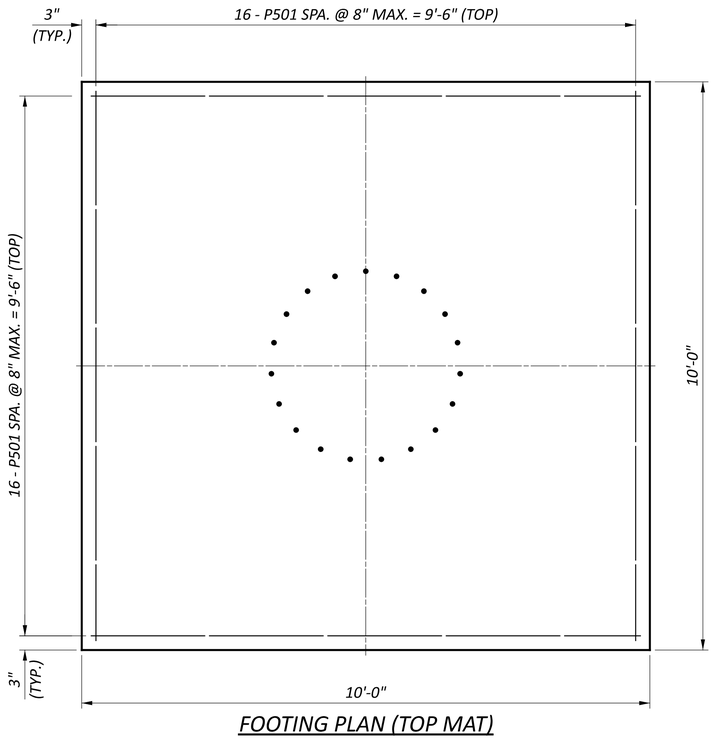


SECTION A-A



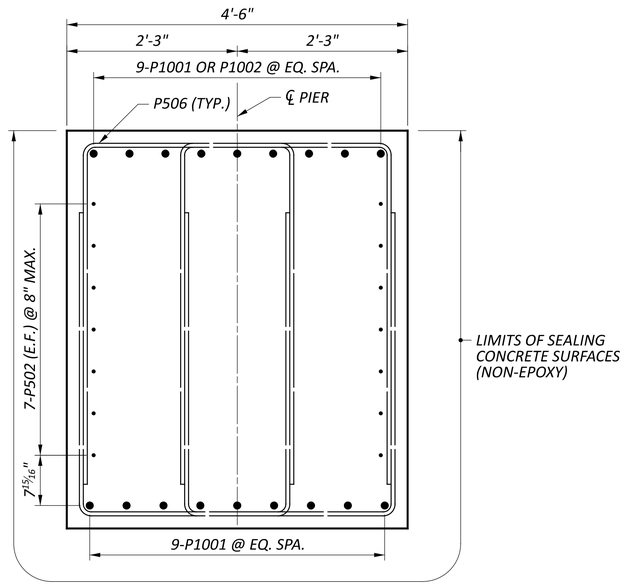
FOOTING PLAN (BOTTOM MAT)

(TYP. ALL FOOTINGS)

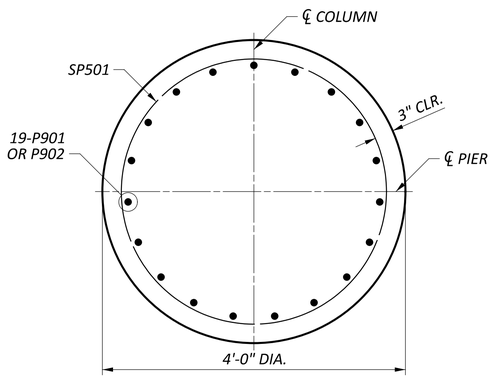


FOOTING PLAN (TOP MAT)

(TYP. ALL FOOTINGS)



SECTION B-B



SECTION C-C

PIER DETAILS - 3
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT LLC
DESIGNER	MAH
CHECKER	JCS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	14
TOTAL	46
SHEET	P.1757
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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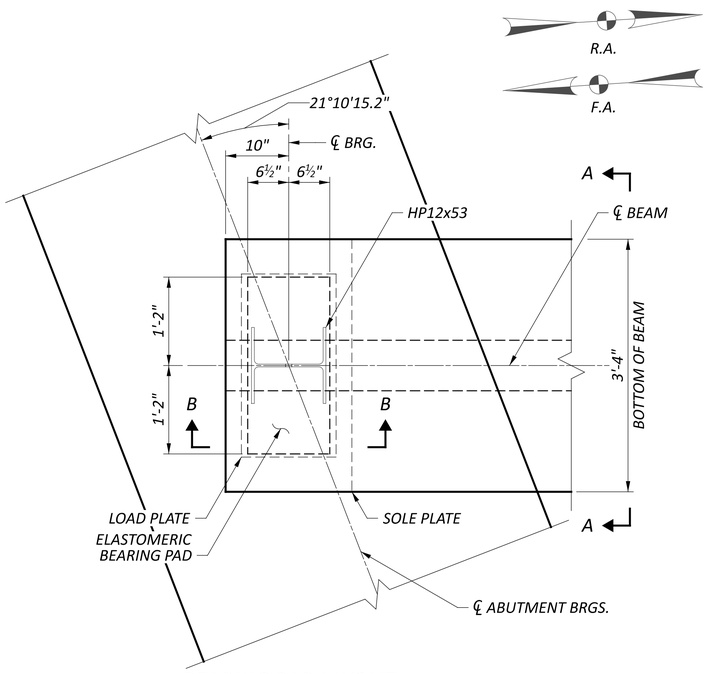
BEARING SCHEDULE												
LOCATION	ASSEMBLY TYPE	NO. OF BEARING	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF tE LAYERS	STEEL LOAD PLATE L x W x T	STEEL SOLE PLATE L x W x T	DESIGN LOAD * (KIPS)		
											DEAD LOAD	LIVE LOAD	TOTAL
REAR ABUT.	EXPANSION	10	1'-1"x2'-4"x3⅜"	5 (t = 0.1046")	0.50"	5	0.35"	1	1'-3"x2'-5"x1½"	1'-8"x3'-4"x1½"	257.5	107.6	365.2
FWD. ABUT.	EXPANSION	10	1'-1"x2'-4"x3⅜"	5 (t = 0.1046")	0.50"	5	0.35"	1	1'-3"x2'-5"x1½"	1'-8"x3'-4"x1½"	231.0	102.2	333.2

ti = THICKNESS OF INTERNAL LAYER
te = THICKNESS OF EXTERNAL LAYER
T = TOTAL THICKNESS OF ELASTOMERIC BEARING
N = NUMBER OF STEEL LAMINATES
INTERNAL STEEL LAMINATE THICKNESS = 0.1046"

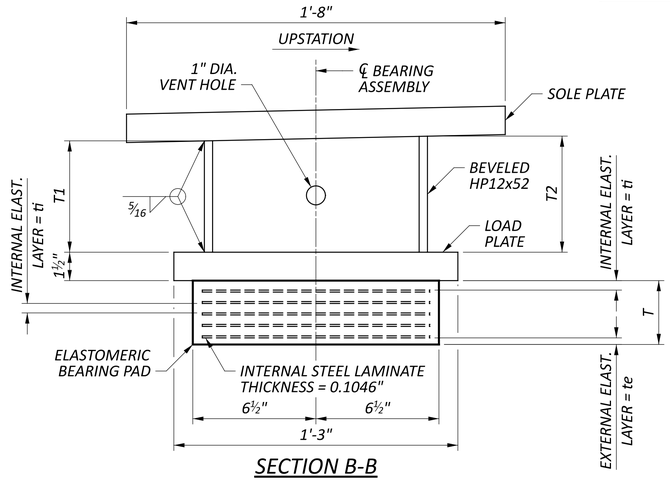
** - LOADS GIVEN IN THE BEARING TABLE ARE SERVICE LOAD AND WITH NO IMPACT.*

BEVELED HP12x53 HEIGHT (INCH)					
REAR ABUTMENT			FWD. ABUTMENT		
BEAM NO.	T1	T2	BEAM NO.	T1	T2
1	5⅞"	6⅛"	11	1'-0⁹⁄₁₆"	1'-0⁹⁄₁₆"
2	9¼"	9½"	12	1'-2³⁄₁₆"	1'-2³⁄₁₆"
3	1'-0⅝"	1'-0¹³⁄₁₆"	13	1'-3¾"	1'-3¾"
4	1'-3¹⁵⁄₁₆"	1'-4⅛"	14	1'-5⁵⁄₁₆"	1'-5⁵⁄₁₆"
5	1'-5¹⁵⁄₁₆"	1'-6⅛"	15	1'-5⅝"	1'-5⅝"
6	1'-5⁷⁄₁₆"	1'-5⅝"	16	1'-3⁵⁄₁₆"	1'-3⁵⁄₁₆"
7	1'-4⅞"	1'-5⅛"	17	1'-1¹⁄₁₆"	1'-1¹⁄₁₆"
8	1'-4⁵⁄₁₆"	1'-4½"	18	10¾"	10¾"
9	1'-3¾"	1'-3¹⁵⁄₁₆"	19	8⅜"	8⅜"
10	1'-3⅛"	1'-3⁵⁄₁₆"	20	6"	6"

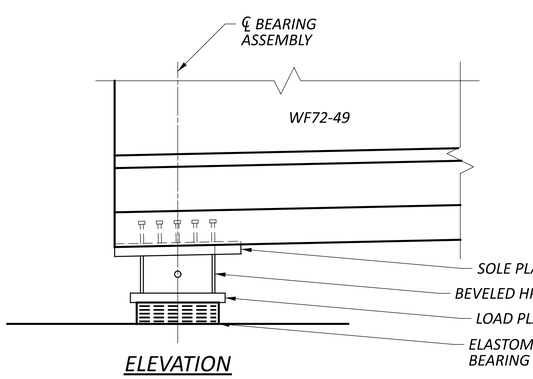


BEARING PAD LAYOUT

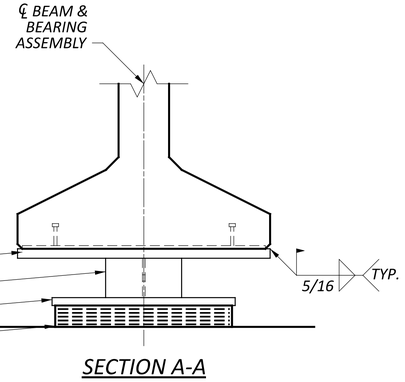
REAR ABUTMENT SHOWN , TYP. FOR BOTH ABUTMENTS



SECTION B-B



ELEVATION



SECTION A-A

NOTES:

1. *ELASTOMERIC BEARINGS: THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS. THE LONG TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6) IS NOT REQUIRED.*
2. *ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARING IS INSTALLED.*
3. *ALL STRUCTURAL STEEL PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50 AND SHALL BE GALVANIZED ACCORDING TO C&MS 711.02.*
4. *THE LOAD PLATE SHALL BE BONDED BY VULCANIZATION TO THE ELASTOMER DURING THE MOLDING PROCESS.*
5. *SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.*
6. *BASIS OF PAYMENT: THE UNIT BID PRICE SHALL INCLUDE ALL MATERIALS, LABOR, TESTING, AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS, STEEL LOAD PLATES, SOLE PLATES, AND STEEL HP SHAPES. PAYMENT WILL BE MADE AT THE CONTRACT PRICE FOR ITEM 516 - ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN.*

BEARING DETAILS - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY: WSP/EAY STRUCTUREPOINT INC.
DESIGNER BMK | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 15 | TOTAL 46
SHEET P.1758 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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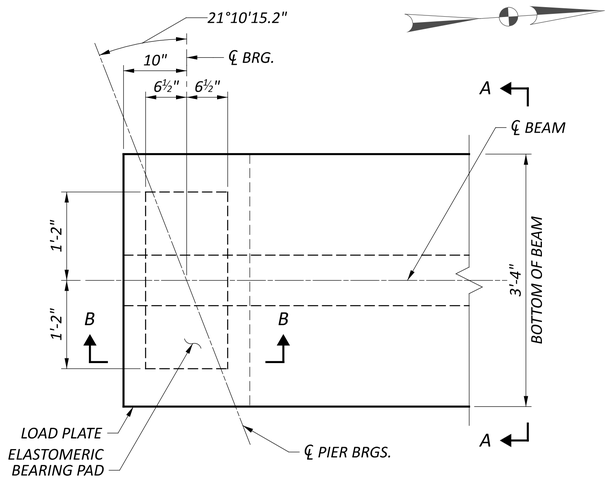
BEARING SCHEDULE											
LOCATION	ASSEMBLY TYPE	NO. OF BEARING	SIZE L x W x T	NO. OF STEEL LAMINATES	ti	NO. OF ti LAYERS	te	NO. OF tE LAYERS	STEEL LOAD PLATE L x W x T	DESIGN LOAD * (KIPS)		
										DEAD LOAD	LIVE LOAD	TOTAL
PIER 1 (REAR)	EXPANSION	10	1'-1"x2'-4"x3⅜"	5 (t = 0.1046")	0.50"	5	0.35"	1	1'-8" x 3'-4" x VARIES	219.1	231.0	450.1
PIER 1 (FWD)	EXPANSION	10	1'-1"x2'-4"x3⅜"	5 (t = 0.1046")	0.50"	5	0.35"	1	1'-8" x 3'-4" x VARIES	106.2	102.2	208.4

ti = THICKNESS OF INTERNAL LAYER
te = THICKNESS OF EXTERNAL LAYER
T = TOTAL THICKNESS OF ELASTOMERIC BEARING
N = NUMBER OF STEEL LAMINATES
INTERNAL STEEL LAMINATE THICKNESS = 0.1046"

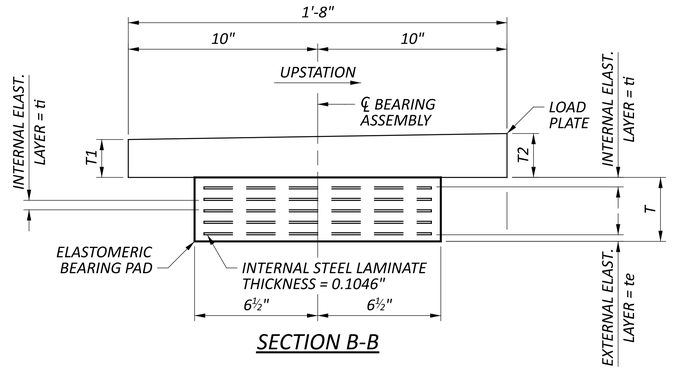
** - LOADS GIVEN IN THE BEARING TABLE ARE SERVICE LOAD AND WITH NO IMPACT.*

BEVELED STEEL LOAD PLATE HEIGHT (INCH)					
PIER 1, REAR BRG.			PIER 1, FWD. BRG.		
BEAM NO.	T1	T2	BEAM NO.	T1	T2
1	1⅞"	2⅛"	11	1⅞"	2⅛"
2	1⅞"	2⅛"	12	1⅞"	2⅛"
3	1⅞"	2⅛"	13	1⅞"	2⅛"
4	2"	2"	14	2"	2"
5	2"	2"	15	2"	2"
6	2"	2"	16	2"	2"
7	2"	2"	17	2"	2"
8	2"	2"	18	2"	2"
9	2"	2"	19	2"	2"
10	2"	2"	20	2"	2"

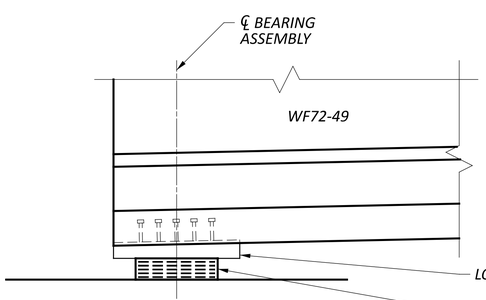


PLAN

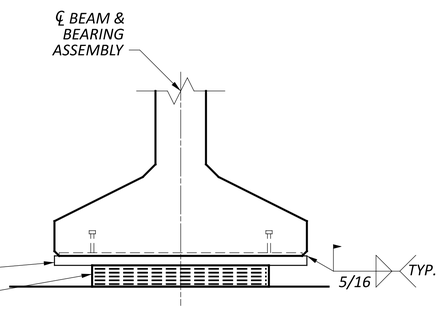
FWD. BEARINGS SHOWN, REAR BEARINGS ROTATED 180°



SECTION B-B



ELEVATION



SECTION A-A

NOTES:

1. SEE SHEET 15/46 FOR NOTES.

BEARING DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER BMK | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 16 | TOTAL 46
SHEET P.1759 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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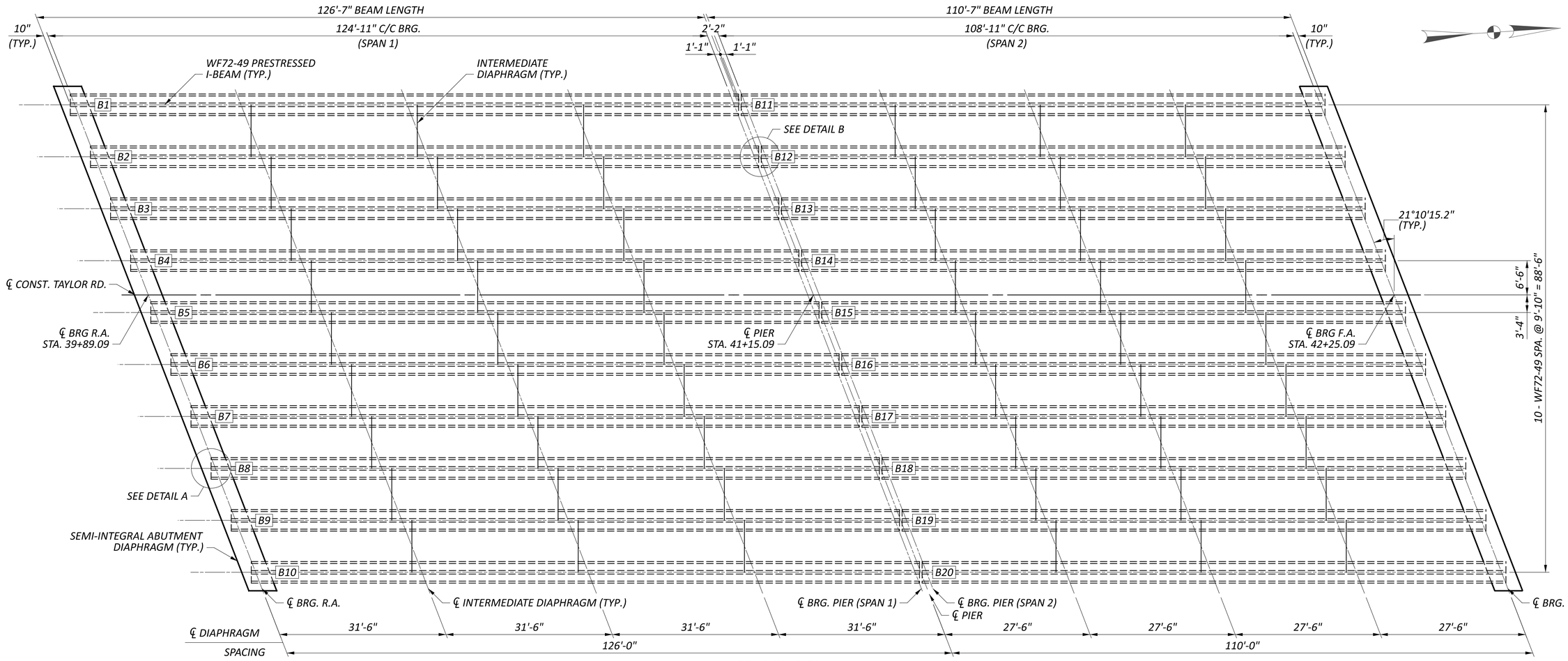
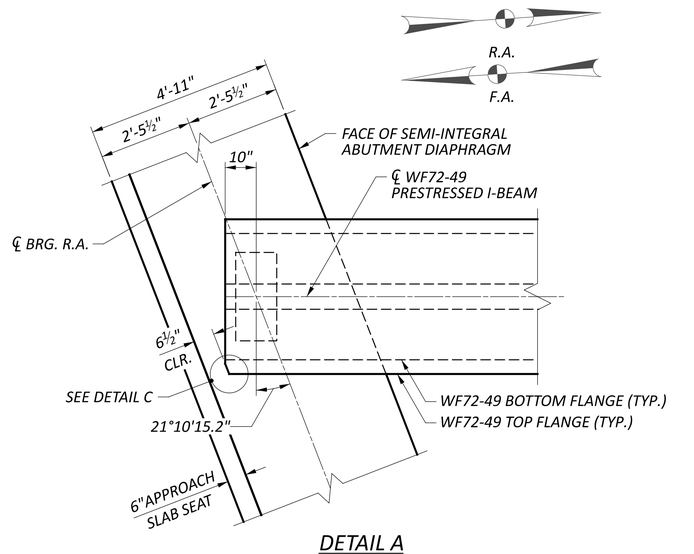
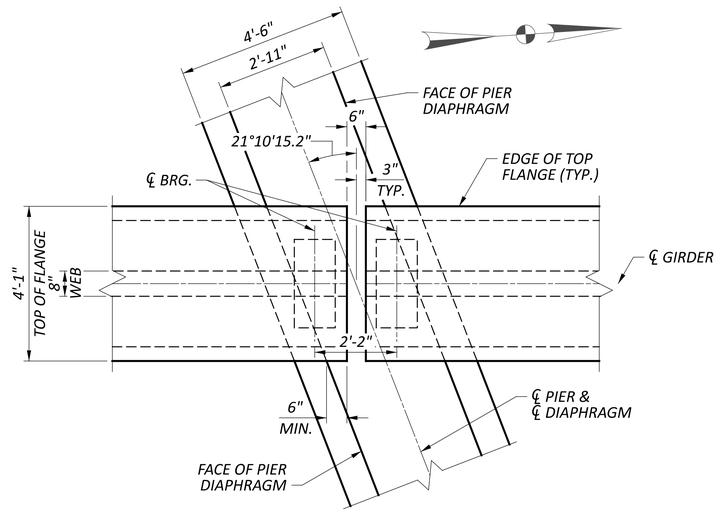


FRAMING PLAN

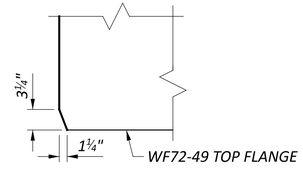


DETAIL A

R.A. SHOWN, F.A. ROTATED 180°



DETAIL B



DETAIL C

FLANGE CLIP (TOP FLANGE ONLY)

LEGEND

B# - BEAM NUMBER

NOTES:

1. FOR BEAM DETAILS, SEE SHEET 18/46-21/46.
2. INTERMEDIATE DIAPHRAGM SHALL BE STRUCTURAL STEEL. SEE STANDARD DRAWING PSID-1-13 FOR ADDITIONAL DETAILS.

FRAMING PLAN
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER	CHECKER
JCS	BMK

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
17	46

SHEET	TOTAL
P.1760	P.2024

FAI/LIC-70.0.00/0.00

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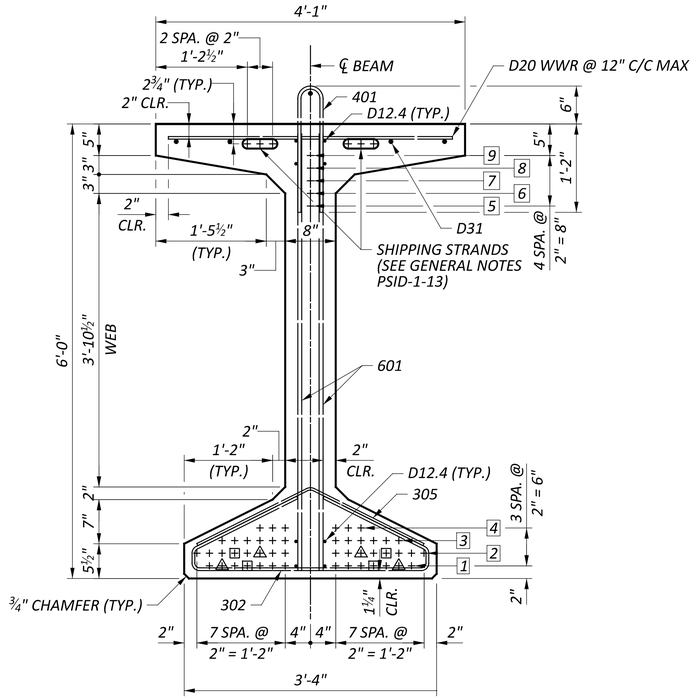
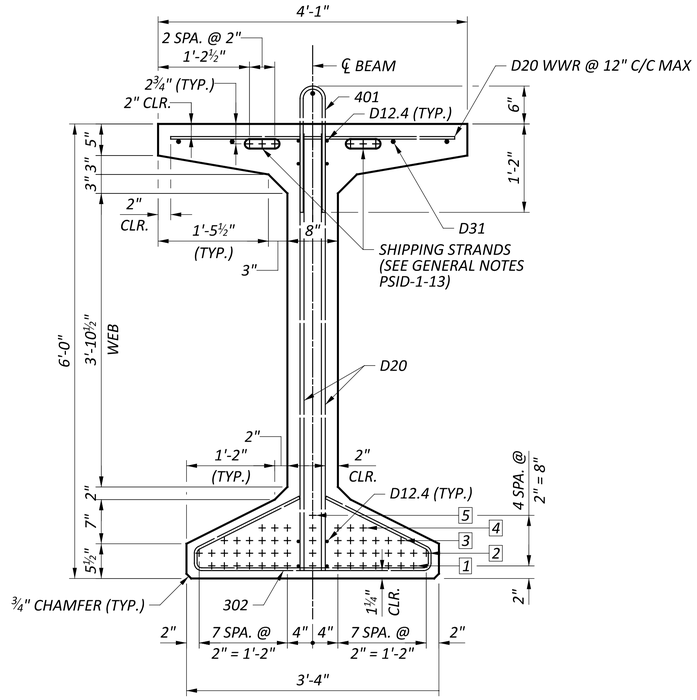


SPAN 1 - BEAM END

WF72-49



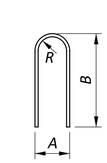
SPAN 1 - MIDSPAN

WF72-49

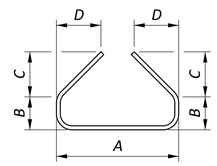
BEAM STRAND INFORMATION																
BEAM NO.		BEAM END									MIDSPAN					TOTAL
1 - 10	ROW NUMBER #	1	2	3	4	5	6	7	8	9	1	2	3	4	5	
	STRANDS	14	16	12	6	1	1	1	1	1	15	17	13	7	1	53

MARK	TYPE	NUMBER	DIMENSIONS				
			A	B	C	D	R
COMMON TO ALL WF BEAMS							
302	2	173	3'-1½"	3½"	7½"	1'-3"	
305	5	82	9"	1'-6"			
401*	1	154	4"	1'-8"			
601	3	28	5'-8"				

* INDICATES STEEL TO BE EPOXY-COATED.



TYPE 1



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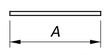

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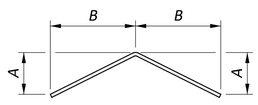

TYPE 5

BENDING DIAGRAMS

(ALL DIMENSIONS ARE OUT-TO-OUT)

LEGEND

- STRAND ROW

WWR - WELDED WIRE REINFORCEMENT

⚠ - STRAND DEBONDED 3'-0" EACH END

⊞ - STRAND DEBONDED 7'-0" EACH END

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 1 BEAM DETAILS - 1

BRIDGE NO. FAI-0204A-00.460

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY AMERICAN STRUCTUREPOINT INC.

DESIGNER JCS | CHECKER BMK

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET 18 | TOTAL 46

SHEET P.1761 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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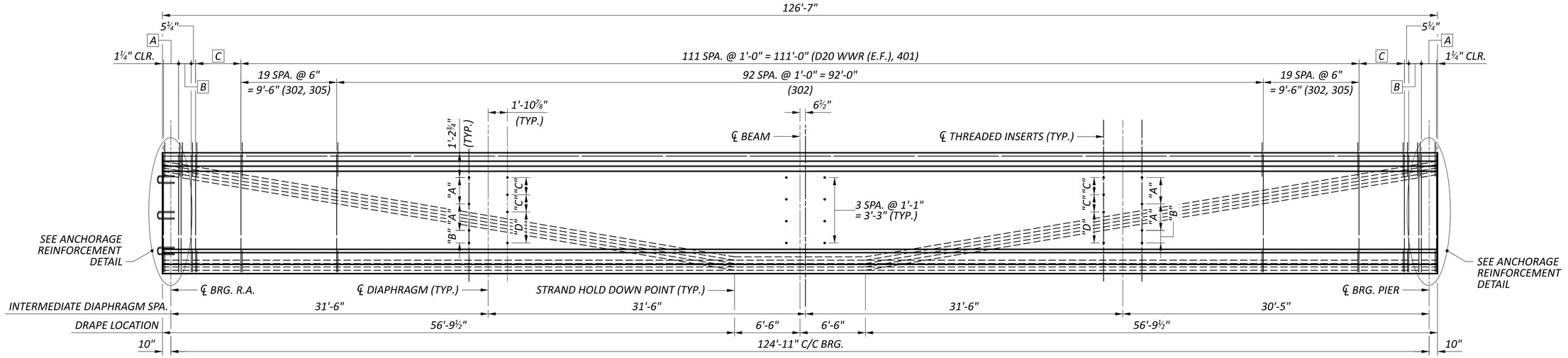
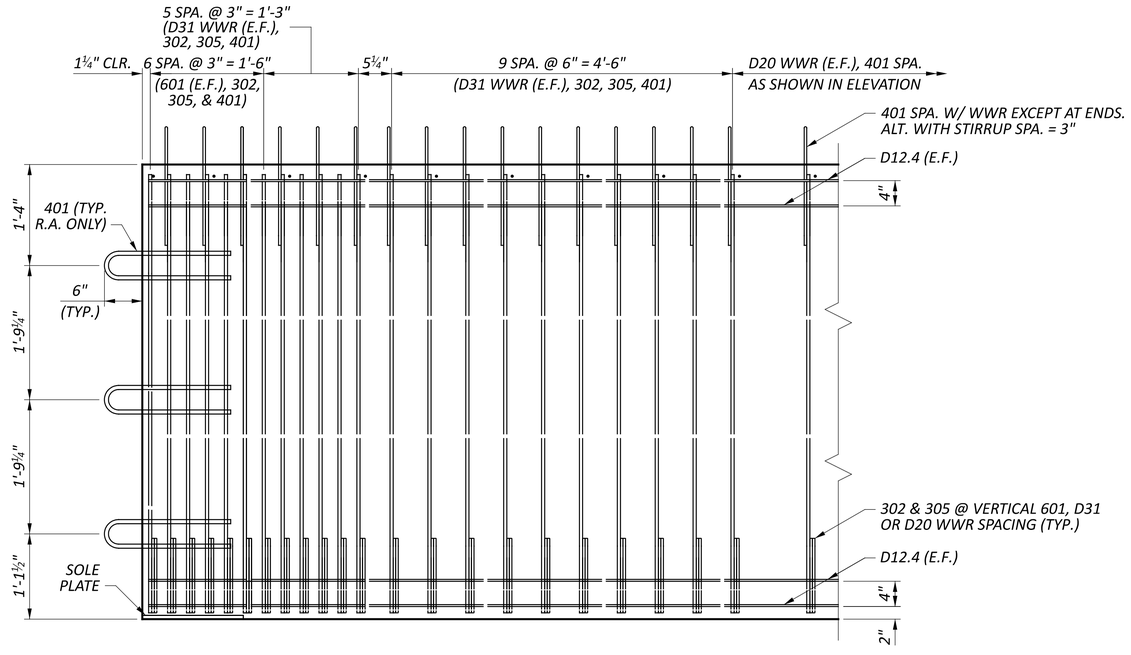


SPAN 1 - BEAM ELEVATION



SPAN 1 - ANCHORAGE REINFORCING DETAIL

STRANDS NOT SHOWN FOR CLARITY

THREADED INSERT INFORMATION				
	DIMENSIONS			
BEAM NO.	A	B	C	D
1 - 10	1'-3¾"	7½"	10¼"	1'-6½"

* THE VERTICAL POSITION OF HOLES FOR INTERMEDIATE DIAPHRAGMS MAY BE ADJUSTED BY UP TO 1" BY THE FABRICATOR TO AVOID DRAPED STRANDS.

LEGEND

A - 6 SPA. @ 3" = 1'-6" (601 (E.F.), 302, 305, & 401)

B - 5 SPA. @ 3" = 1'-3" (D31 WWR (E.F.), 302, 305, & 401)

C - 9 SPA. @ 6" = 4'-6" (D31 WWR (E.F.), 302, 305, & 401)

WWR - WELDED WIRE REINFORCING

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 1 BEAM DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	BMK

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
19	46

SHEET	TOTAL
P.1762	P.2024

FAI/LIC-70.0.00/0.00

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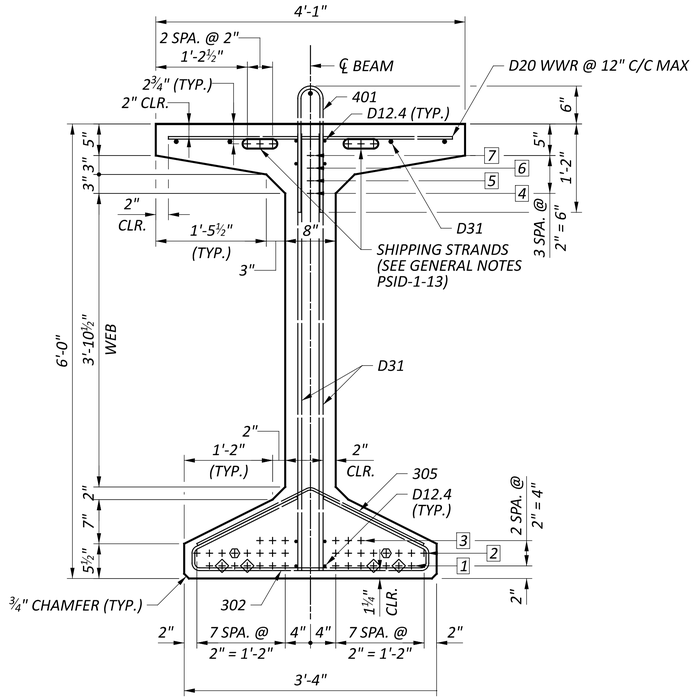
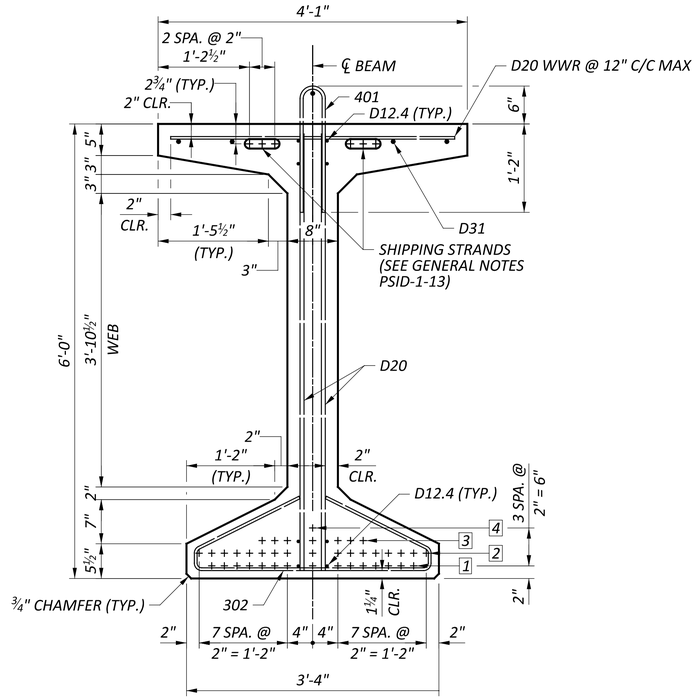


SPAN 2 - BEAM END

WF72-49



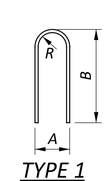
SPAN 2 - MIDSPAN

WF72-49

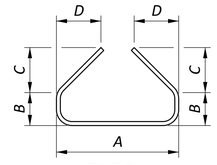
BEAM STRAND INFORMATION													
BEAM NO.		BEAM END							MIDSPAN				TOTAL
11 - 20	ROW NUMBER #	1	2	3	4	5	6	7	1	2	3	4	
	STRANDS	14	16	6	1	1	1	1	15	17	7	1	40

MARK	TYPE	NUMBER	DIMENSIONS				
			A	B	C	D	R
COMMON TO ALL WF BEAMS							
302	2	159	3'-1½"	3½"	7½"	1'-3"	
305	5	88	9"	1'-6"			
401*	1	133	4"	1'-8"			

* INDICATES STEEL TO BE EPOXY-COATED.



TYPE 1



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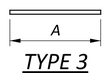

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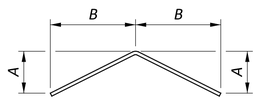

TYPE 5

BENDING DIAGRAMS

(ALL DIMENSIONS ARE OUT-TO-OUT)

LEGEND

- STRAND ROW

WWR - WELDED WIRE REINFORCEMENT

△ - STRAND DEBONDED 10'-0" EACH END

⊕ - STRAND DEBONDED 6'-0" EACH END

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 2 BEAM DETAILS - 1

BRIDGE NO. FAI-0204A-00.460

TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER JCS | CHECKER BMK

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET 20 | TOTAL 46

SHEET P.1763 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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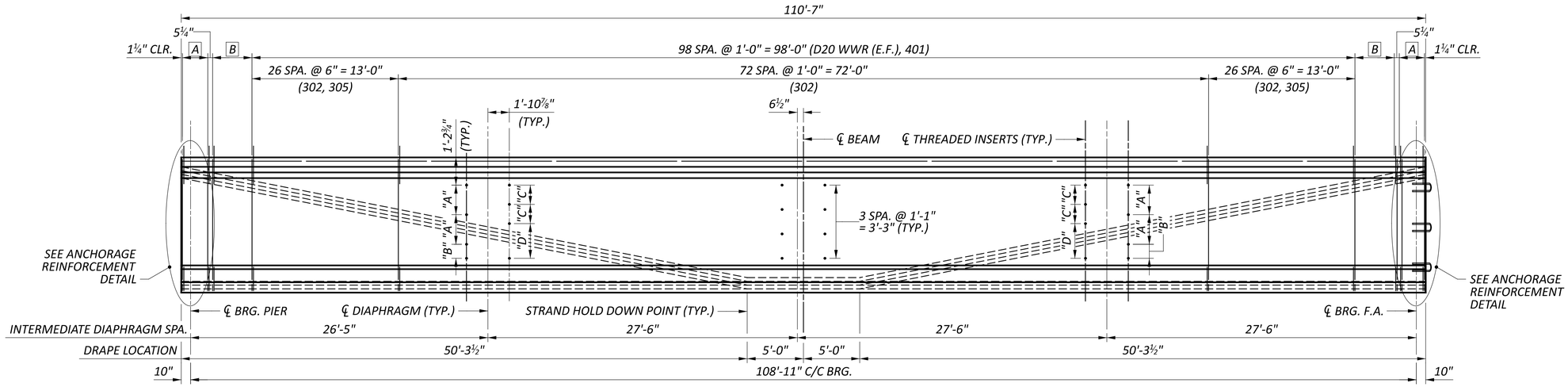
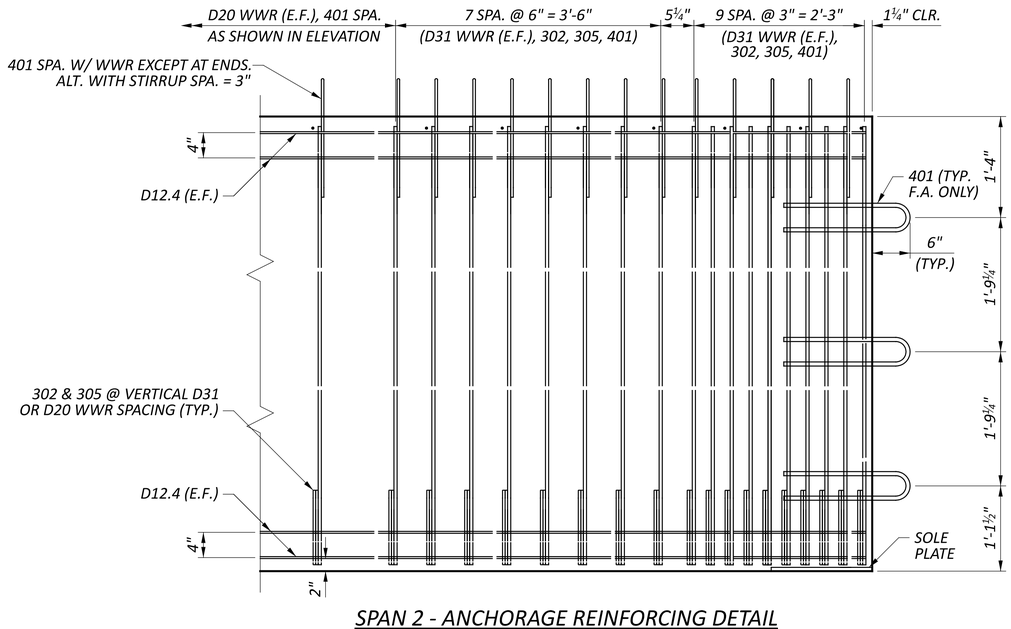


SPAN 2 - BEAM ELEVATION



SPAN 2 - ANCHORAGE REINFORCING DETAIL

STRANDS NOT SHOWN FOR CLARITY

THREADED INSERT INFORMATION				
	DIMENSIONS			
BEAM NO.	A	B	C	D
11 - 20	1'-3¾"	7½"	10¼"	1'-6½"

* THE VERTICAL POSITION OF HOLES FOR INTERMEDIATE DIAPHRAGMS MAY BE ADJUSTED BY UP TO 1" BY THE FABRICATOR TO AVOID DRAPED STRANDS.

LEGEND

A - 9 SPA. @ 3" = 2'-3" (D31 WWR (E.F.), 302, 305, & 401)

B - 7 SPA. @ 6" = 3'-6" (D31 WWR (E.F.), 302, 305, 401)

NOTES:

1. SEE STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

SPAN 2 BEAM DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
AECOM STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	BMK

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
21	46

SHEET	TOTAL
P.1764	P.2024

FAI/LIC-70.0.00/0.00

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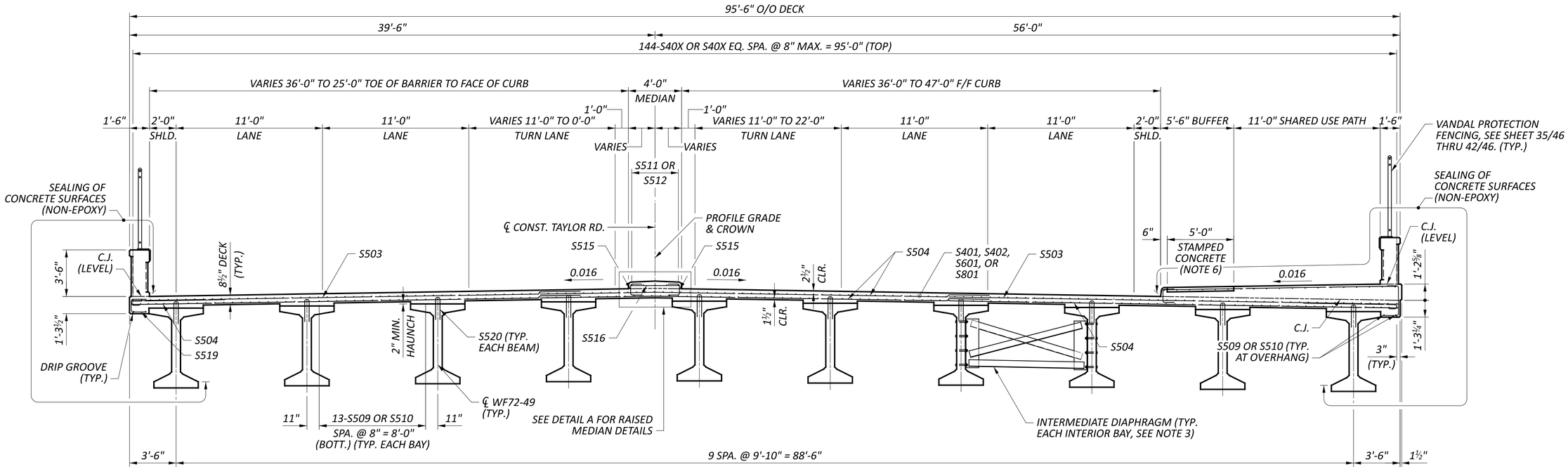
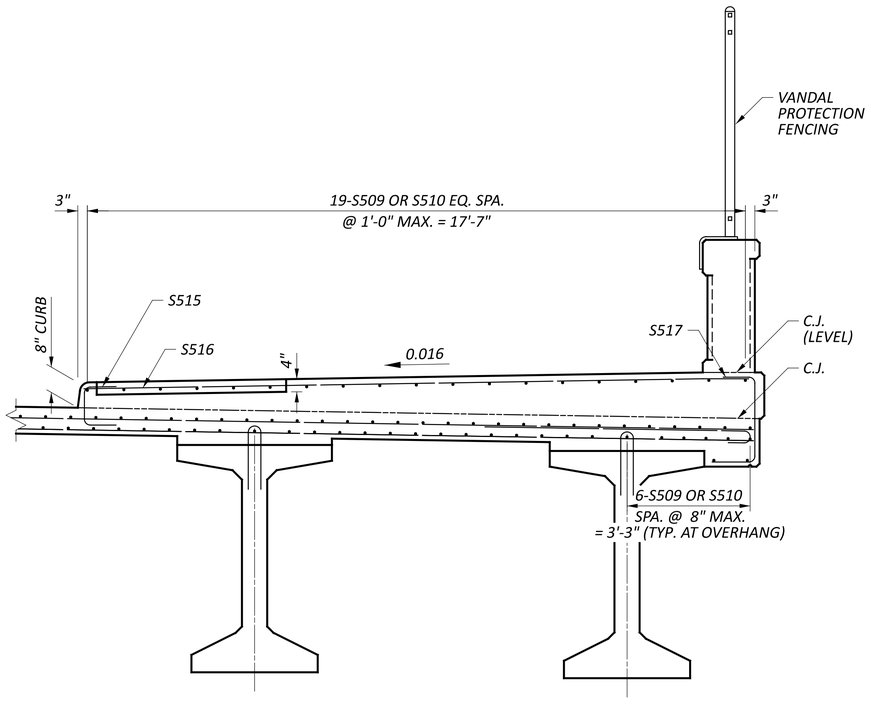
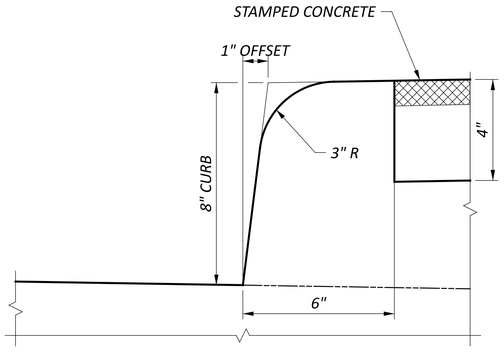


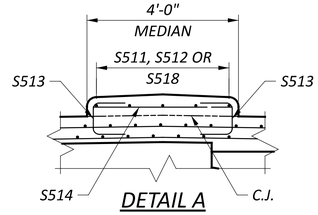
TRANSVERSE SECTION



SIDEWALK SECTION



CURB DETAIL



DETAIL A

SEE SHEET 23/46 FOR LOCATION DETAILS

LEGEND

[#] - BEAM NUMBER

NOTES:

1. SEE SHEET 23/46 FOR DECK SLAB REINFORCEMENT.
2. SEE SHEETS 33/46 AND 34/46 FOR PARAPET DETAILS.
3. INTERMEDIATE DIAPHRAGMS SHALL BE STRUCTURAL STEEL. SEE STANDARD DRAWING PSID-1-13 FOR NOTES AND DETAILS.
4. DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES A VARIABLE HAUNCH THICKNESS THE PROVIDES AN ALLOWANCE FOR BEAM CAMBER AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.
5. DO NOT PLACE THE DECK CONCRETE UNTIL ALL INTERMEDIATE DIAPHRAGMS HAVE BEEN PROPERLY INSTALLED.
6. SEE BRIDGE GENERAL NOTES FOR ARCHITECTURAL SURFACE FINISH REQUIREMENTS.

TRANSVERSE SECTION
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	JCS
CHECKER	BMK
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	22
TOTAL	46
SHEET	P.1765
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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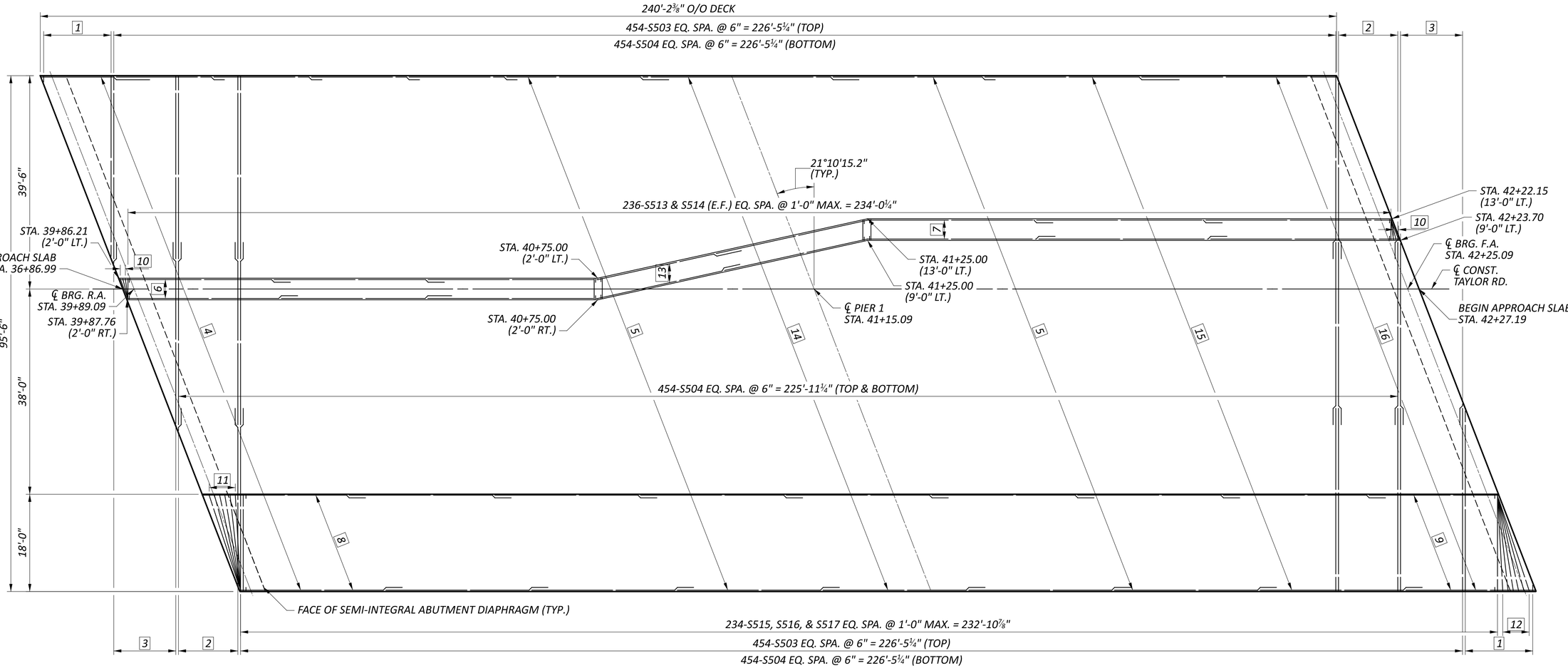


DECK PLAN

LEGEND

1 - 26-SER. S501 SPA. @ 6" MAX. = 12'-6" (TOP)
26-SER. S502 SPA. @ 6" MAX. = 12'-6" (BOTTOM)

2 - 23-SER. S505 SPA. @ 6" MAX. = 11'-0" (TOP)
23-SER. S506 SPA. @ 6" MAX. = 11'-0" (BOTTOM)

3 - 24-SER. S507 SPA. @ 6" MAX. = 11'-6" (TOP)
24-SER. S508 SPA. @ 6" MAX. = 11'-6" (BOTTOM)

4 - 96-S401 SPA. @ 1'-0" MAX. = 95'-0" (5 SETS) (TOP)
191-S509 SPA. @ 6" MAX. = 95'-0" (8 SETS) (BOTTOM)

5 - 287-S601 SPA. @ 4" MAX. = 95'-0" (TOP)

6 - 4-S511 EQ. SPA. @ 1'-0" MAX. = 3'-6" (3 SETS, MEDIAN CURB)

7 - 4-S512 EQ. SPA. @ 1'-0" MAX. = 3'-6" (3 SETS, MEDIAN CURB)

8 - 19-S509 EQ. SPA. @ 1'-0" MAX. = 17'-7" (8 SETS)

9 - 19-S510 EQ. SPA. @ 1'-0" MAX. = 17'-7"

10 - 3-S513 & S514 (E.F.) (FANNED) (MEDIAN CURB)

11 - 3-S515 & S516 (FANNED)

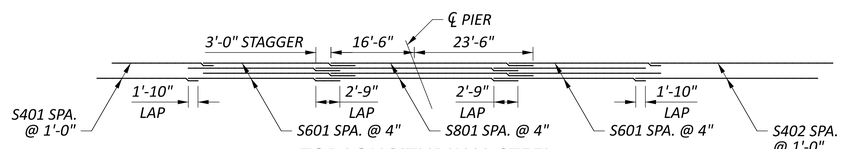
12 - 3-S516 & S517 (FANNED)

13 - 4-S518 EQ. SPA. @ 1'-0" MAX. = 3'-6" (2 SETS, MEDIAN CURB)

14 - 287-S801 SPA. @ 4" MAX. = 95'-0" (TOP)

15 - 96-S402 SPA. @ 1'-0" MAX. = 95'-0" (TOP)

16 - 191-S510 SPA. @ 6" MAX. = 95'-0" (BOTTOM)



TOP LONGITUDINAL STEEL

MINIMUM BAR LAP	
#4	1'-4"
#5	1'-9"
#6	1'-10"
#8	2'-9"

NOTES:

1. SEE SHEETS 33/46 AND 34/46 FOR PARAPET DETAILS.

FAI/LIC-70.0.00/0.00

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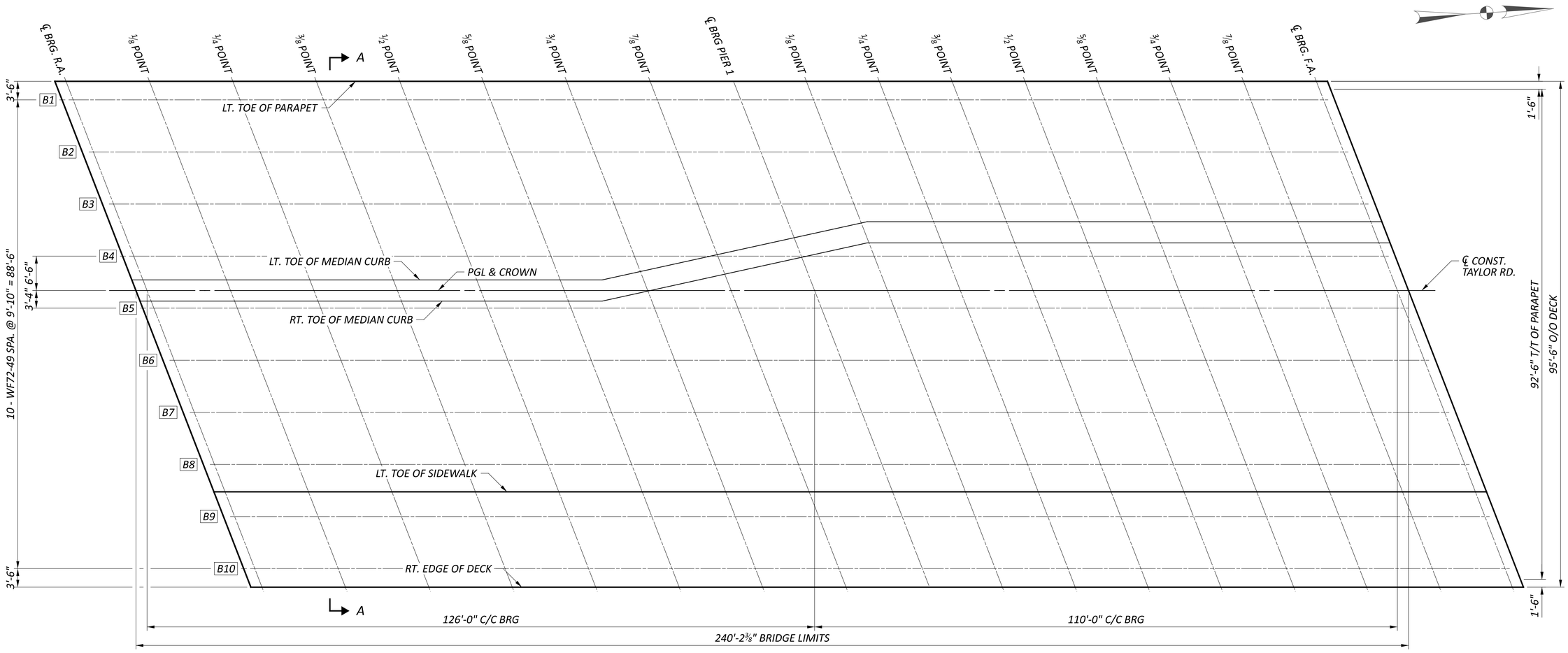
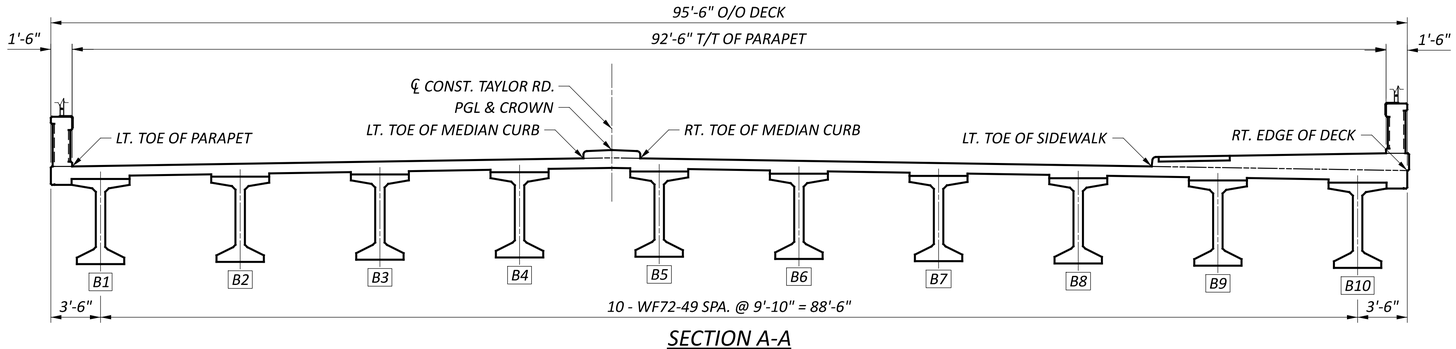
DECK PLAN
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER ACM | CHECKER JCS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 23 | TOTAL 46
SHEET P.1766 | TOTAL P.2024



SCREED LAYOUT PLAN



SECTION A-A

LEGEND

B# - BEAM NUMBER

NOTES:

1. SEE SHEET 25/46 AND 26/46 FOR SCREED ELEVATIONS

SCREED DETAILS - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	BMK
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	24
TOTAL	46
SHEET	P.1767
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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SCREED LINE \ DESCRIPTION		℄ BRG. R.A.	⅛ POINT	¼ POINT	⅜ POINT	½ POINT	⅝ POINT	¾ POINT	⅞ POINT	℄ PIER 1
SPAN 1 SCREED ELEVATIONS										
LT. TOE OF PARAPET	STATION	39+74.37	39+90.12	40+05.87	40+21.62	40+37.37	40+53.12	40+68.87	40+84.62	41+00.37
	F.D.S. ELEV.	957.28	957.78	958.24	958.66	959.04	959.38	959.67	959.93	960.15
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	957.28	957.83	958.34	958.79	959.18	959.51	959.78	959.99	960.15
LT. TOE OF MEDIAN CURB	STATION	39+88.31	40+04.06	40+19.81	40+35.56	40+51.31	40+67.06	40+82.20	40+96.71	41+11.23
	F.D.S. ELEV.	958.30	958.76	959.19	959.57	959.91	960.22	960.45	960.60	960.72
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.30	958.82	959.29	959.71	960.06	960.35	960.55	960.66	960.72
PGL & CROWN	STATION	39+89.09	40+04.84	40+20.59	40+36.34	40+52.09	40+67.84	40+83.59	40+99.34	41+15.09
	F.D.S. ELEV.	958.36	958.82	959.24	959.62	959.96	960.26	960.52	960.74	960.92
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.36	958.87	959.34	959.75	960.11	960.40	960.63	960.80	960.92
RT. TOE OF MEDIAN CURB	STATION	39+89.86	40+05.61	40+21.36	40+37.11	40+52.86	40+68.61	40+83.63	40+98.14	41+12.65
	F.D.S. ELEV.	958.35	958.81	959.23	959.61	959.95	960.25	960.52	960.68	960.80
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.35	958.86	959.33	959.74	960.09	960.38	960.62	960.73	960.80
LT. TOE OF SIDEWALK	STATION	40+03.81	40+19.56	40+35.31	40+51.06	40+66.81	40+82.56	40+98.31	41+14.06	41+29.81
	F.D.S. ELEV.	958.18	958.61	958.99	959.33	959.64	959.90	960.12	960.31	960.45
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.18	958.66	959.09	959.47	959.78	960.03	960.23	960.36	960.45
RT. EDGE OF DECK	STATION	40+10.78	40+26.53	40+42.28	40+58.03	40+73.78	40+89.53	41+05.28	41+21.03	41+36.78
	F.D.S. ELEV.	958.09	958.49	958.86	959.18	959.47	959.72	959.92	960.09	960.21
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	SCREED ELEV.	958.09	958.55	958.96	959.32	959.62	959.85	960.02	960.14	960.21
SPAN 1 TOP OF HAUNCH ELEVATIONS										
BEAM 1	STATION	39+75.15	39+90.90	40+06.65	40+22.40	40+38.15	40+53.90	40+69.65	40+85.40	41+01.15
	F.D.S. ELEV.	957.34	957.84	958.29	958.71	959.09	959.42	959.72	959.98	960.19
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	956.63	957.18	957.69	958.13	958.52	958.85	959.11	959.32	959.48
BEAM 2	STATION	39+78.95	39+94.70	40+10.45	40+26.20	40+41.95	40+57.70	40+73.45	40+89.20	41+04.95
	F.D.S. ELEV.	957.62	958.11	958.55	958.96	959.33	959.66	959.94	960.19	960.39
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	956.91	957.45	957.95	958.39	958.77	959.08	959.34	959.53	959.69
BEAM 3	STATION	39+82.76	39+98.51	40+14.26	40+30.01	40+45.76	40+61.51	40+77.26	40+93.01	41+08.76
	F.D.S. ELEV.	957.90	958.38	958.81	959.21	959.57	959.89	960.16	960.40	960.60
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.19	957.72	958.21	958.64	959.01	959.31	959.56	959.75	959.89
BEAM 4	STATION	39+86.57	40+02.32	40+18.07	40+33.82	40+49.57	40+65.32	40+81.07	40+96.82	41+12.57
	F.D.S. ELEV.	958.17	958.64	959.07	959.46	959.81	960.11	960.38	960.61	960.79
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.47	957.99	958.46	958.88	959.24	959.54	959.77	959.95	960.09
BEAM 5	STATION	39+90.38	40+06.13	40+21.88	40+37.63	40+53.38	40+69.13	40+84.88	41+00.63	41+16.38
	F.D.S. ELEV.	958.34	958.80	959.22	959.60	959.94	960.23	960.49	960.71	960.88
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.63	958.15	958.61	959.02	959.37	959.66	959.88	960.05	960.18
BEAM 6	STATION	39+94.19	40+09.94	40+25.69	40+41.44	40+57.19	40+72.94	40+88.69	41+04.44	41+20.19
	F.D.S. ELEV.	958.30	958.75	959.16	959.53	959.85	960.14	960.39	960.60	960.76
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.59	958.09	958.55	958.95	959.29	959.57	959.78	959.94	960.06
BEAM 7	STATION	39+98.00	40+13.75	40+29.50	40+45.25	40+61.00	40+76.75	40+92.50	41+08.25	41+24.00
	F.D.S. ELEV.	958.25	958.69	959.09	959.45	959.77	960.05	960.29	960.48	960.64
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.55	958.04	958.49	958.88	959.21	959.47	959.68	959.83	959.93
BEAM 8	STATION	40+01.80	40+17.55	40+33.30	40+49.05	40+64.80	40+80.55	40+96.30	41+12.05	41+27.80
	F.D.S. ELEV.	958.21	958.64	959.03	959.37	959.68	959.95	960.18	960.37	960.52
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.50	957.98	958.42	958.80	959.12	959.38	959.57	959.71	959.81
BEAM 9	STATION	40+05.61	40+21.36	40+37.11	40+52.86	40+68.61	40+84.36	41+00.11	41+15.86	41+31.61
	F.D.S. ELEV.	958.16	958.58	958.96	959.30	959.59	959.85	960.07	960.25	960.39
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.45	957.92	958.35	958.72	959.03	959.28	959.47	959.60	959.68
BEAM 10	STATION	40+09.42	40+25.17	40+40.92	40+56.67	40+72.42	40+88.17	41+03.92	41+19.67	41+35.42
	F.D.S. ELEV.	958.11	958.52	958.88	959.21	959.50	959.75	959.96	960.13	960.26
	DEFLECTION	0.00	0.05	0.10	0.13	0.15	0.13	0.10	0.05	0.00
	T.O.H. ELEV.	957.40	957.86	958.28	958.64	958.94	959.18	959.35	959.48	959.55

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.*

SCREED DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER BMK
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 25 | TOTAL 46
SHEET P.1768 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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SCREED LINE \ DESCRIPTION		℄ PIER 1	1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	℄ BRG. F.A.
SPAN 2 SCREED ELEVATIONS TABLE										
LT. TOE OF PARAPET	STATION	41+00.37	41+14.12	41+27.87	41+41.62	41+55.37	41+69.12	41+82.87	41+96.62	42+10.37
	F.D.S. ELEV.	960.15	960.31	960.43	960.53	960.59	960.63	960.63	960.61	960.55
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.15	960.34	960.49	960.61	960.68	960.71	960.69	960.64	960.55
LT. TOE OF MEDIAN CURB	STATION	41+11.23	41+23.90	41+37.55	41+51.30	41+65.05	41+78.80	41+92.55	42+06.30	42+20.05
	F.D.S. ELEV.	960.72	960.80	960.90	960.98	961.02	961.04	961.02	960.97	960.89
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.72	960.84	960.96	961.06	961.11	961.11	961.08	961.00	960.89
PGL & CROWN	STATION	41+15.09	41+28.84	41+42.59	41+56.34	41+70.09	41+83.84	41+97.59	42+11.34	42+25.09
	F.D.S. ELEV.	960.92	961.05	961.14	961.21	961.24	961.24	961.21	961.15	961.06
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.92	961.08	961.20	961.28	961.32	961.32	961.27	961.18	961.06
RT. TOE OF MEDIAN CURB	STATION	41+12.65	41+25.35	41+39.10	41+52.85	41+66.60	41+80.35	41+94.10	42+07.85	42+21.60
	F.D.S. ELEV.	960.80	960.88	960.98	961.05	961.09	961.10	961.08	961.03	960.94
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.80	960.91	961.04	961.13	961.17	961.18	961.14	961.06	960.94
LT. TOE OF SIDEWALK	STATION	41+29.81	41+43.56	41+57.31	41+71.06	41+84.81	41+98.56	42+12.31	42+26.06	42+39.81
	F.D.S. ELEV.	960.45	960.54	960.60	960.63	960.63	960.60	960.54	960.45	960.32
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.45	960.57	960.66	960.71	960.72	960.68	960.60	960.48	960.32
RT. EDGE OF DECK	STATION	41+36.78	41+50.53	41+64.28	41+78.03	41+91.78	42+05.53	42+19.28	42+33.03	42+46.78
	F.D.S. ELEV.	960.21	960.29	960.33	960.35	960.33	960.28	960.21	960.10	959.96
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	SCREED ELEV.	960.21	960.32	960.39	960.42	960.42	960.36	960.27	960.13	959.96
SPAN 2 TOP OF HAUNCH ELEVATIONS TABLE										
BEAM 1	STATION	41+01.15	41+14.90	41+28.65	41+42.40	41+56.15	41+69.90	41+83.65	41+97.40	42+11.15
	F.D.S. ELEV.	960.19	960.35	960.47	960.57	960.63	960.66	960.66	960.64	960.58
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.48	959.67	959.82	959.93	960.01	960.03	960.01	959.96	959.87
BEAM 2	STATION	41+04.95	41+18.70	41+32.45	41+46.20	41+59.95	41+73.70	41+87.45	42+01.20	42+14.95
	F.D.S. ELEV.	960.39	960.54	960.66	960.74	960.80	960.82	960.82	960.78	960.71
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.69	959.86	960.01	960.11	960.17	960.19	960.17	960.10	960.00
BEAM 3	STATION	41+08.76	41+22.51	41+36.26	41+50.01	41+63.76	41+77.51	41+91.26	42+05.01	42+18.76
	F.D.S. ELEV.	960.60	960.73	960.84	960.92	960.97	960.98	960.97	960.92	960.85
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.89	960.06	960.19	960.29	960.34	960.35	960.32	960.24	960.14
BEAM 4	STATION	41+12.57	41+26.32	41+40.07	41+53.82	41+67.57	41+81.32	41+95.07	42+08.82	42+22.57
	F.D.S. ELEV.	960.79	960.92	961.02	961.09	961.13	961.14	961.11	961.06	960.98
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.09	960.25	960.37	960.46	960.51	960.51	960.46	960.38	960.27
BEAM 5	STATION	41+16.38	41+30.13	41+43.88	41+57.63	41+71.38	41+85.13	41+98.88	42+12.63	42+26.38
	F.D.S. ELEV.	960.88	961.01	961.10	961.16	961.19	961.19	961.15	961.09	961.00
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.18	960.33	960.45	960.53	960.56	960.55	960.50	960.41	960.29
BEAM 6	STATION	41+20.19	41+33.94	41+47.69	41+61.44	41+75.19	41+88.94	42+02.69	42+16.44	42+30.19
	F.D.S. ELEV.	960.76	960.88	960.96	961.01	961.03	961.02	960.98	960.91	960.81
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	960.06	960.20	960.31	960.38	960.41	960.39	960.33	960.23	960.10
BEAM 7	STATION	41+24.00	41+37.75	41+51.50	41+65.25	41+79.00	41+92.75	42+06.50	42+20.25	42+34.00
	F.D.S. ELEV.	960.64	960.75	960.82	960.86	960.88	960.86	960.81	960.73	960.62
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.93	960.07	960.17	960.23	960.25	960.23	960.16	960.05	959.91
BEAM 8	STATION	41+27.80	41+41.55	41+55.30	41+69.05	41+82.80	41+96.55	42+10.30	42+24.05	42+37.80
	F.D.S. ELEV.	960.52	960.61	960.68	960.71	960.72	960.69	960.63	960.54	960.43
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.81	959.93	960.03	960.08	960.09	960.06	959.98	959.87	959.72
BEAM 9	STATION	41+31.61	41+45.36	41+59.11	41+72.86	41+86.61	42+00.36	42+14.11	42+27.86	42+41.61
	F.D.S. ELEV.	960.39	960.48	960.53	960.56	960.55	960.52	960.45	960.36	960.23
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.68	959.80	959.88	959.93	959.93	959.89	959.80	959.68	959.52
BEAM 10	STATION	41+35.42	41+49.17	41+62.92	41+76.67	41+90.42	42+04.17	42+17.92	42+31.67	42+45.42
	F.D.S. ELEV.	960.26	960.34	960.39	960.40	960.39	960.35	960.27	960.17	960.03
	DEFLECTION	0.00	0.03	0.06	0.08	0.08	0.08	0.06	0.03	0.00
	T.O.H. ELEV.	959.55	959.66	959.74	959.77	959.77	959.72	959.62	959.49	959.32

NOTES:

1. *SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
2. *TOP OF HAUNCH (T.O.H.) ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM/GIRDER HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.*
3. *FINAL DECK SURFACE (F.D.S.) ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURED.*

SCREED DETAILS - 3
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER DAS | CHECKER BMK
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 26 | TOTAL 46
SHEET P.1769 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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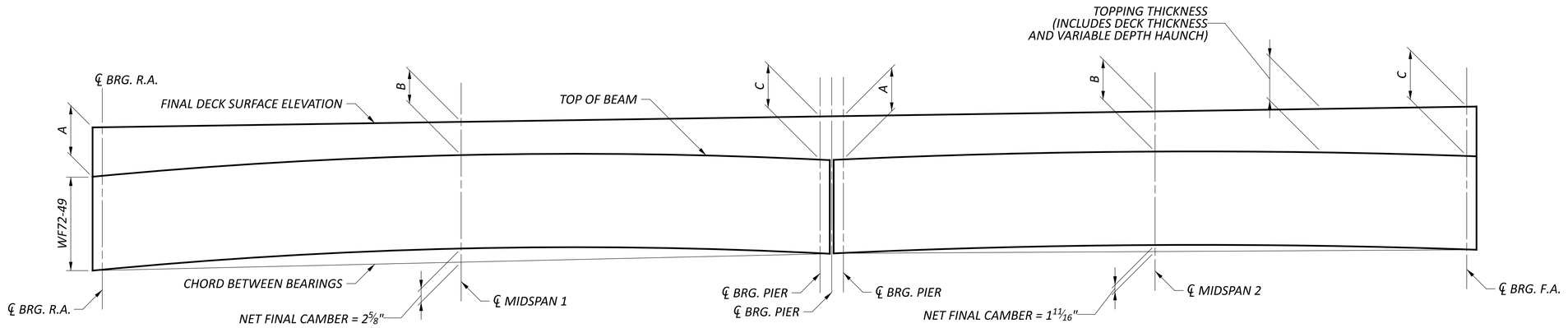

CAMBER DIAGRAM

FAI-00204-0046 TOPPING THICKNESS						
LOCATION	SPAN 1			SPAN 2		
	DIM "A"	DIM "B"	DIM "C"	DIM "A"	DIM "B"	DIM "C"
BEAM 1	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 2	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 3	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 4	10 7/8"	1' - 0 1/16"	10 7/8"	11 3/16"	1' - 0 1/4"	10 7/8"
BEAM 5	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 1/4"	10 7/8"
BEAM 6	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 1/4"	10 7/8"
BEAM 7	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 3/16"	10 7/8"
BEAM 8	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/8"	1' - 0 3/16"	10 7/8"
BEAM 9	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/16"	1' - 0 3/16"	10 7/8"
BEAM 10	10 7/8"	1' - 0 1/16"	10 7/8"	11 1/16"	1' - 0 3/16"	10 7/8"

NOTES:

1. DECK SLAB THICKNESS FOR CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK CONCRETE IS MEASURED ACCORDING TO C&MS 511. IN ADDITION TO THE DESIGN SLAB THICKNESS, THE QUANTITY INCLUDES A VARIABLE HAUNCH THICKNESS THAT PROVIDES AN ALLOWANCE FOR: VERTICAL GRADE ADJUSTMENT, BEAM CAMBER AND ADDITIONAL SACRIFICIAL HAUNCH THICKNESS.

2. ESTIMATED CAMBER AT DAY 0 (D0) IS 0.93 INCHES.
ESTIMATED CAMBER AT DAY 30 (D30) IS 2.66 INCHES.
DEFLECTION DUE TO REMAINING DEAD LOAD (E.G. CONCRETE DECK, DIAPHRAGMS, BRIDGE RAILINGS, UTILITIES ETC.) IS 1.75 INCHES.
THE BEAM SEAL ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 2 INCHES.

3. ESTIMATED CAMBER AT DAY 0 (D0) IS 0.62 INCHES.
ESTIMATED CAMBER AT DAY 30 (D30) IS 1.68 INCHES.
DEFLECTION DUE TO REMAINING DEAD LOAD (E.G. CONCRETE DECK, DIAPHRAGMS, BRIDGE RAILINGS, UTILITIES ETC.) IS 1.01 INCHES.
THE BEAM SEAL ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 2 INCHES.

BEAM CAMBER DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	BMK

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
27	46

SHEET	TOTAL
P.1770	P.2024

FAI/LIC-70.0.00/0.00

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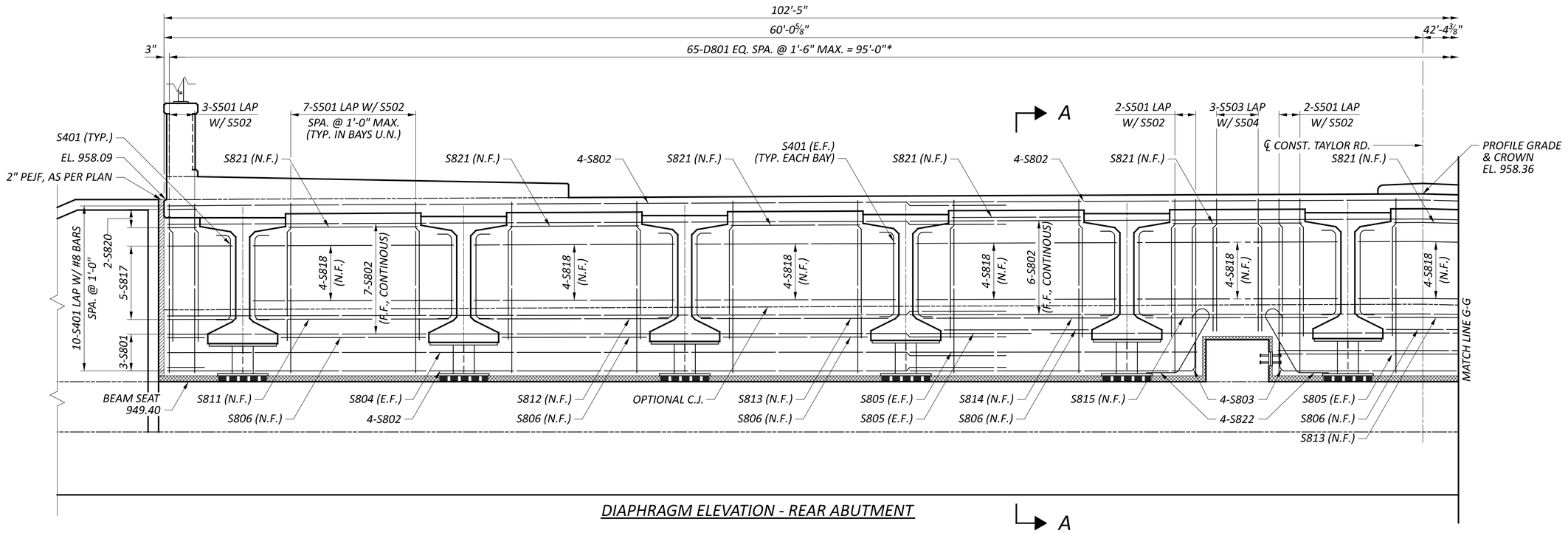
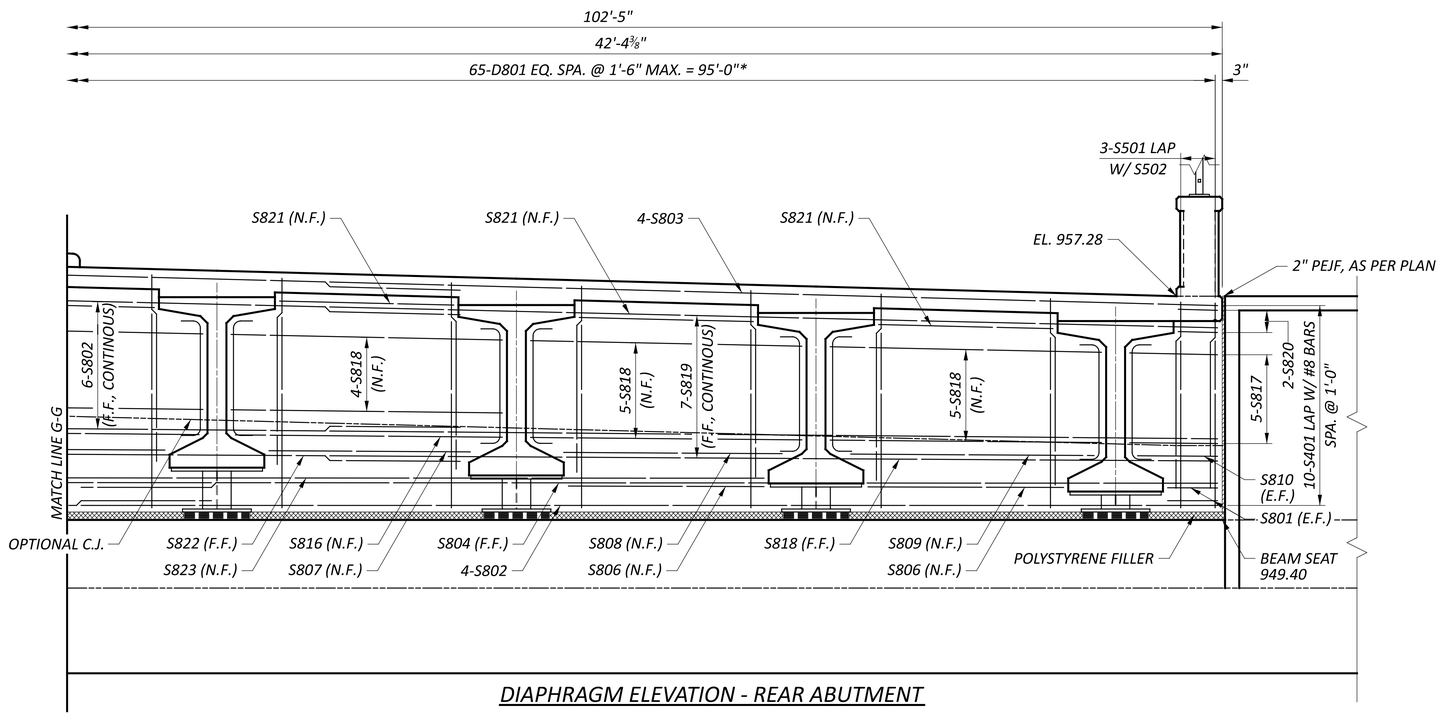


DIAPHRAGM ELEVATION - REAR ABUTMENT



DIAPHRAGM ELEVATION - REAR ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

LEGEND

* - MEASUREMENT PERPENDICULAR TO ℄ TAYLOR ROAD. BARS SHALL BE PLACED PARALLEL TO ℄ TAYLOR ROAD.

NOTES:

1. SEE SHEET 30/46 FOR SECTION A-A.
2. SEE SHEET 11/46 FOR DIAPHRAGM GUIDE DETAILS.
3. PLACE DIAPHRAGM CONCRETE ENCASING THE STRUCTURAL MEMBER ENDS AFTER THE DECK PLACEMENT IN THE ADJACENT SPAN IS COMPLETE. PROCEDURES THAT PLACE THE ABUTMENT DIAPHRAGM WITH THE DECK CONCRETE MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN THE ADJACENT SPAN WILL BE PLACED BEFORE CONCRETE IN THE DIAPHRAGM HAS REACHED IT'S INITIAL SET.
4. TOP OF DIAPHRAGM ELEVATIONS ARE GIVEN AT ℄ BEARINGS.
5. TOP OF DIAPHRAGM GRADE BREAKS TO ALIGN WITH TOP OF DECK GRADE BREAKS.
6. SEE STD. DWG. PSID1-13 FOR ADDITIONAL NOTES AND DETAILS.

REAR ABUMENT DIAPHRAGM
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CHECKER
JCS	DAS

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
28	46

SHEET	TOTAL
P.1771	P.2024

FAI/LIC-70.0.00/0.00

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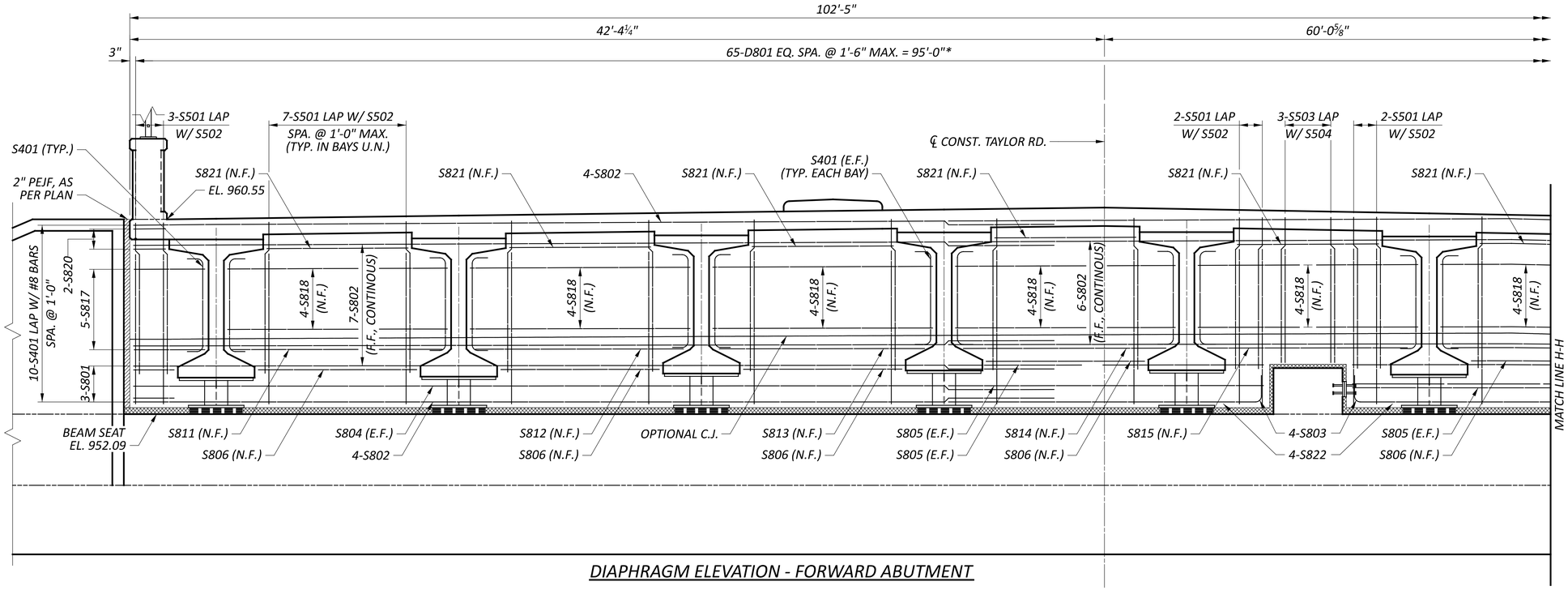
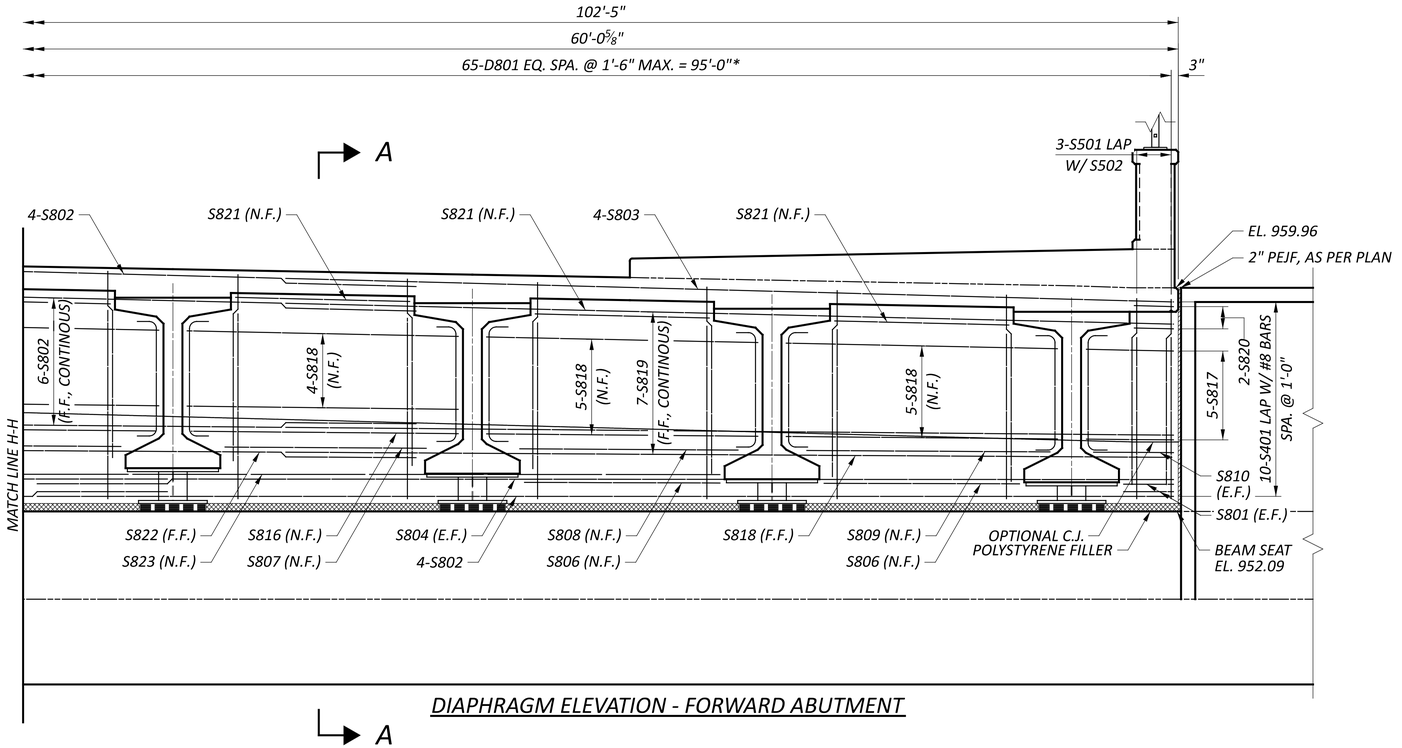


DIAPHRAGM ELEVATION - FORWARD ABUTMENT



DIAPHRAGM ELEVATION - FORWARD ABUTMENT

MINIMUM BAR LAP	
#5	2'-7"
#8	4'-6"

LEGEND

* - MEASUREMENT PERPENDICULAR TO ℄ TAYLOR ROAD. BARS SHALL BE PLACED PARALLEL TO ℄ TAYLOR ROAD.

NOTES:

1. SEE SHEET 28/46 FOR ADDITIONAL NOTES AND DETAILS.

FORWARD ABUTMENT DIAPHRAGM
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 29 | TOTAL 46
SHEET P.1772 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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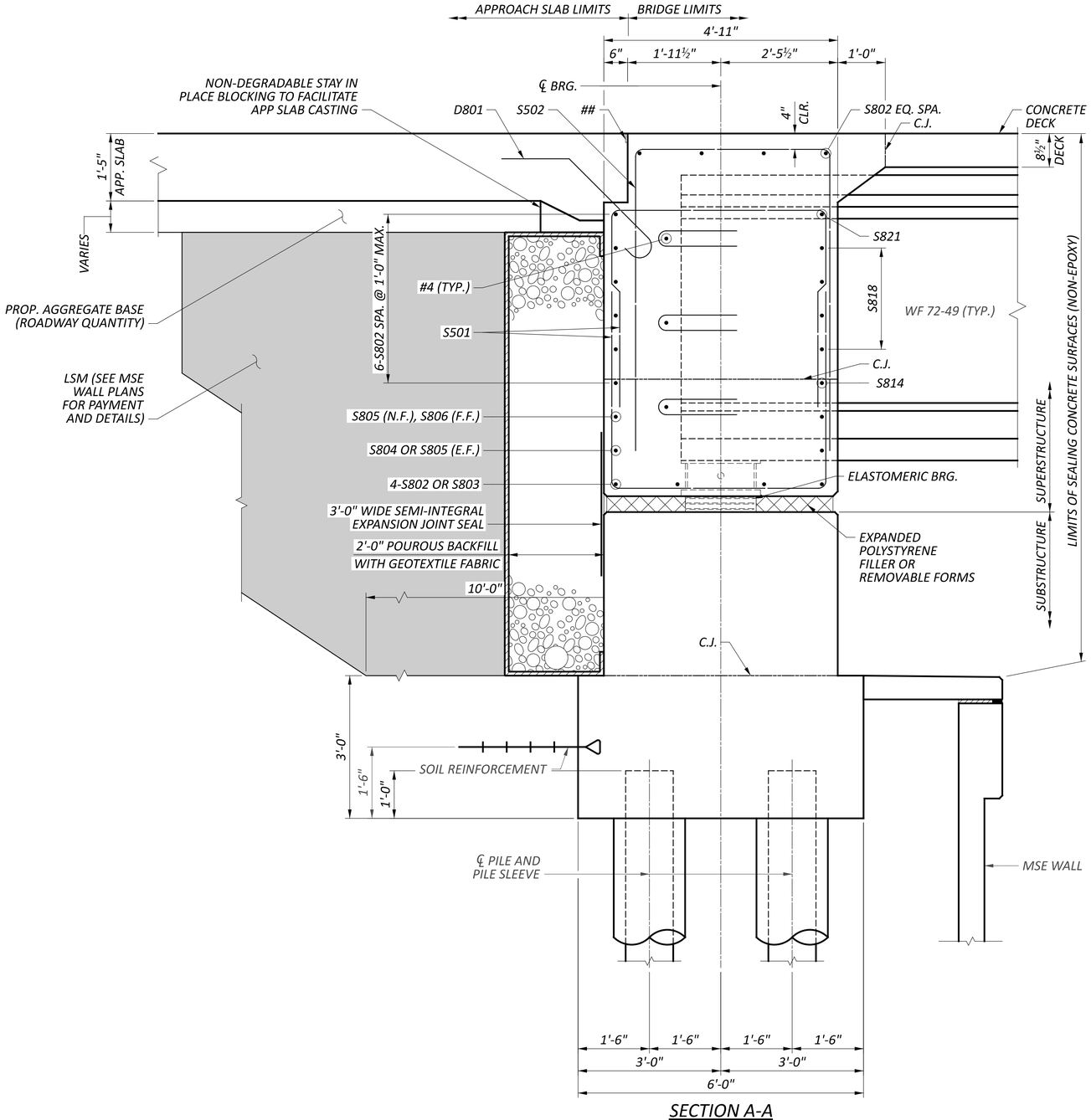

SECTION A-A

NOTES:

1. LIMITS OF SEMI-INTEGRAL EXPANSION JOINT SEAL SHALL BE 3'-0" WIDE CENTERED ON VERTICAL AND HORIZONTAL JOINTS.
2. SEE STD. DWG. SICD-1-21, SICD-2-14, AND PSID 1-13 FOR ADDITIONAL NOTES AND DETAILS

ABUTMENT DIAPHRAGM DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	30
TOTAL	46
SHEET	P.1773
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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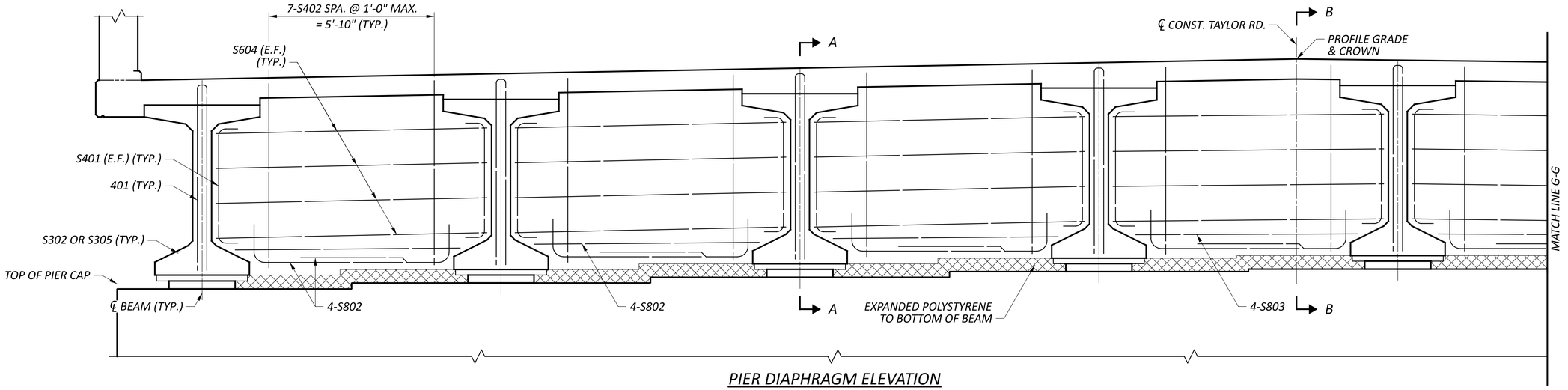
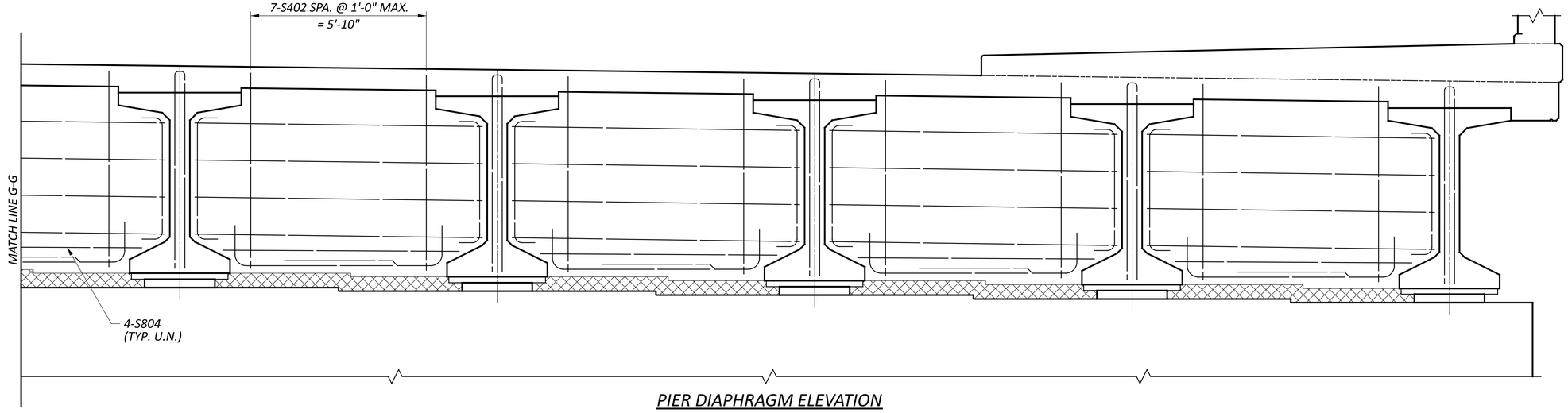


PIER DIAPHRAGM ELEVATION



PIER DIAPHRAGM ELEVATION

MINIMUM BAR LAP	
#8	3'-3"

NOTES:

1. SEE SHEET 32/46 FOR SECTION A-A & B-B.
2. CONCRETE FOR PIER DIAPHRAGM SHALL BE INCLUDED UNDER ITEM 511, CLASS QC2 CONCRETE WITH QC/QC, SUPERSTRUCTURE.

PIER DIAPHRAGM
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	31
TOTAL	46
SHEET	P.1774
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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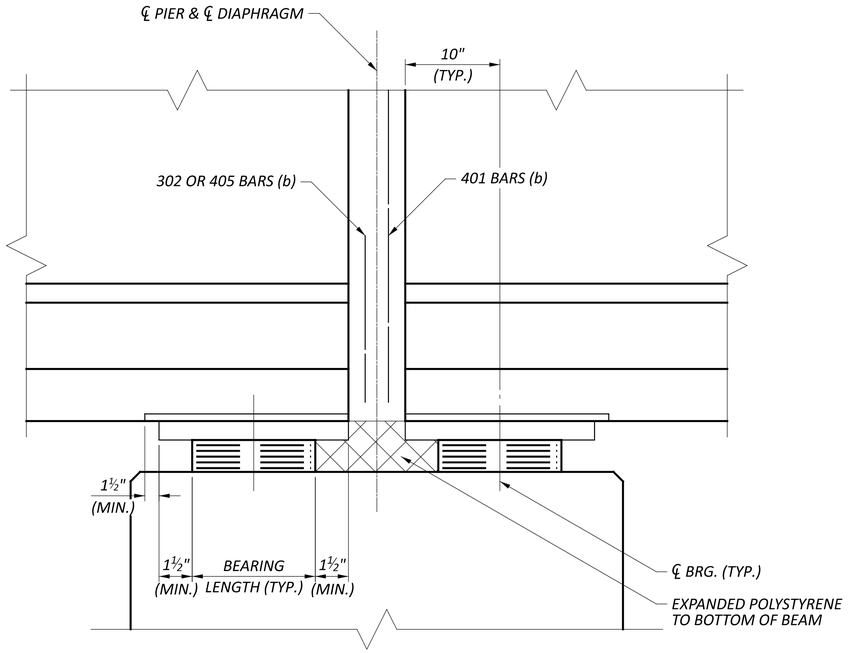
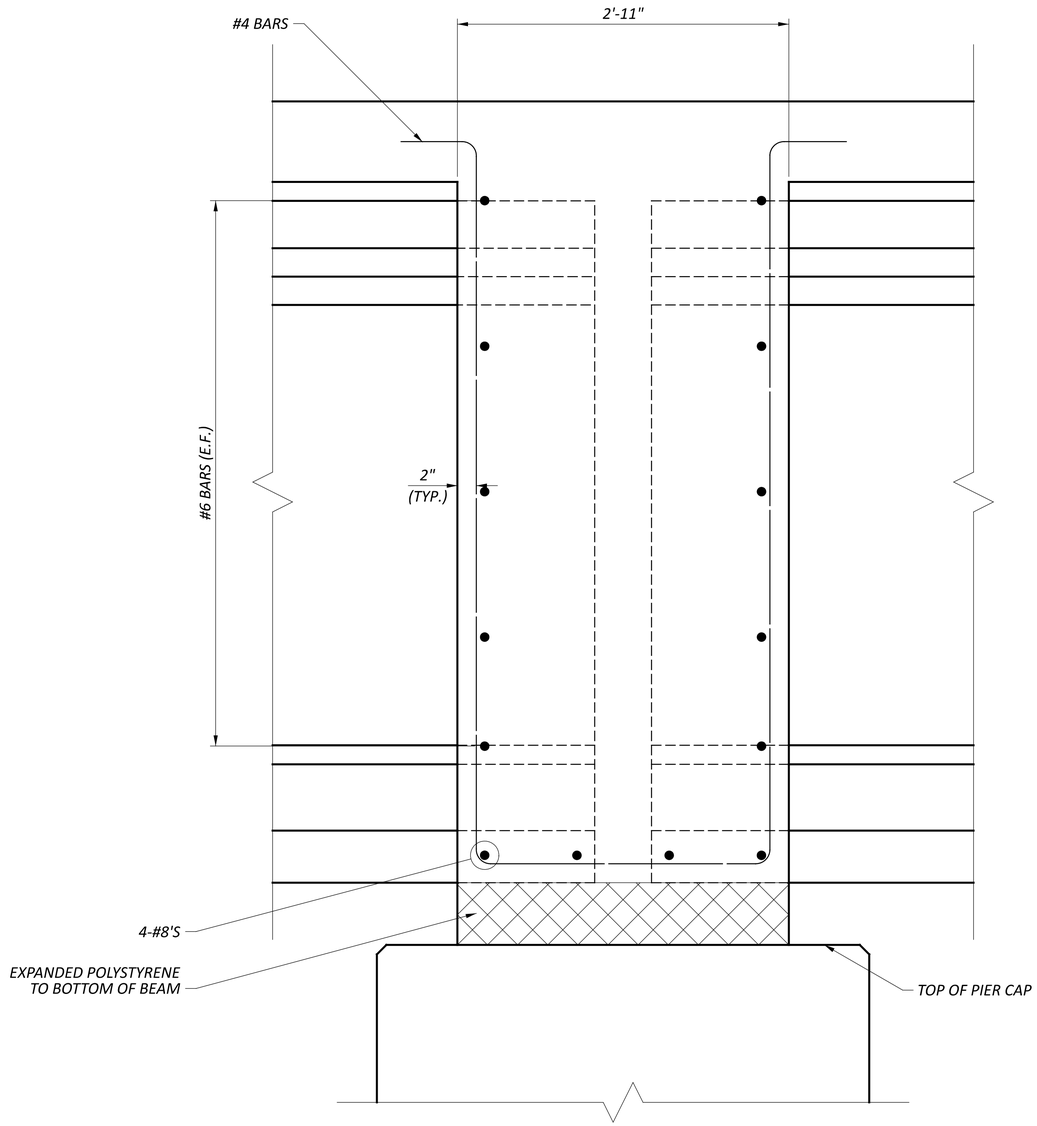


SECTION A-A



SECTION B-B

PIER DIAPHRAGM DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	WESTERN STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	32
TOTAL	46
SHEET	P.1775
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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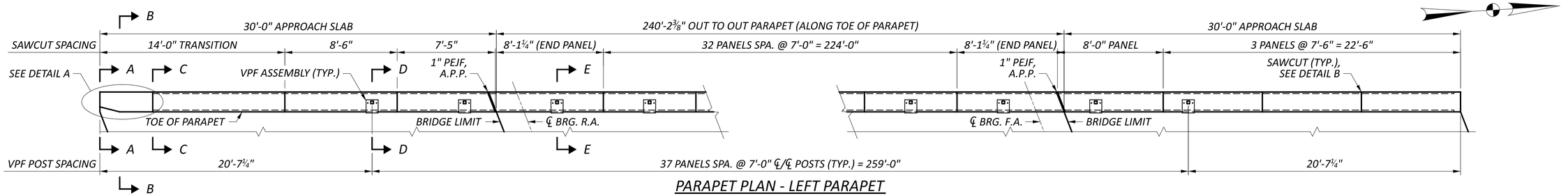
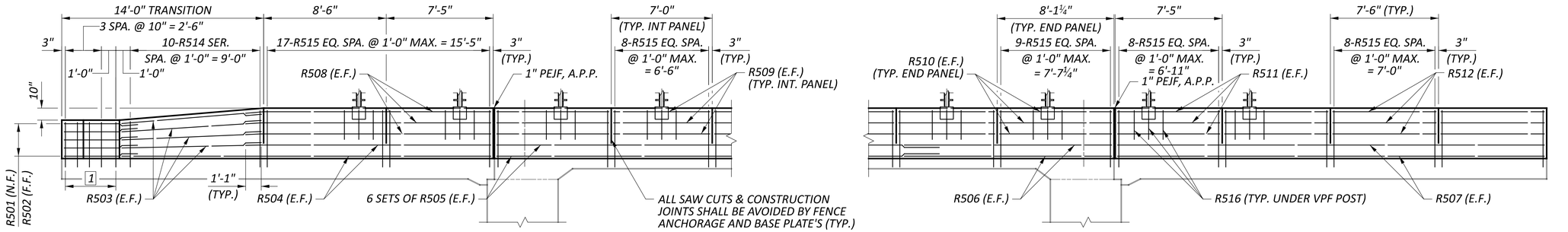
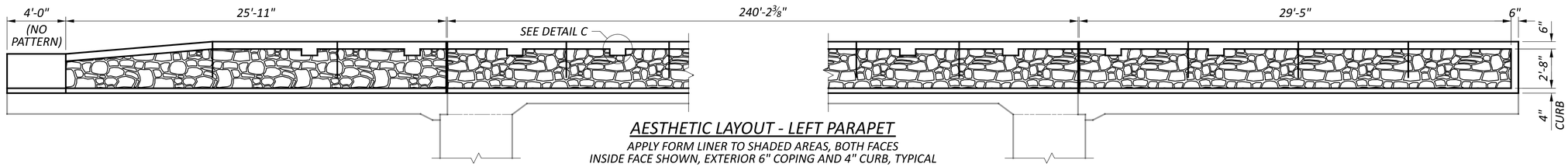


PARAPET PLAN - LEFT PARAPET



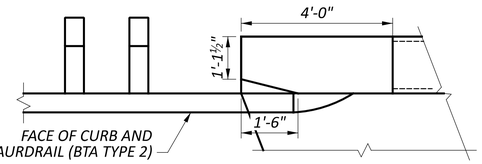
PARAPET ELEVATION - LEFT PARAPET

INSIDE FACE SHOWN

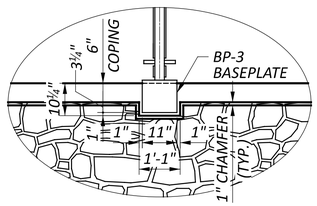


AESTHETIC LAYOUT - LEFT PARAPET

APPLY FORM LINER TO SHADED AREAS, BOTH FACES
INSIDE FACE SHOWN, EXTERIOR 6" COPING AND 4" CURB, TYPICAL

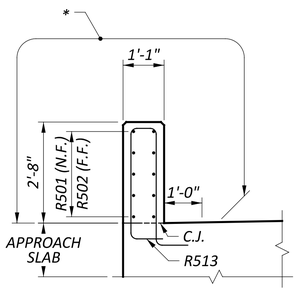


DETAIL A

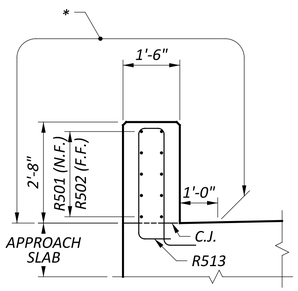


DETAIL C

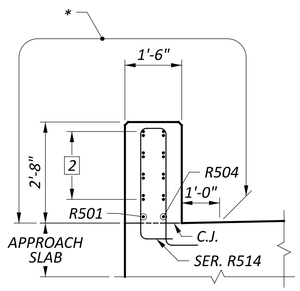
INSIDE FACE OF PARAPETS ONLY



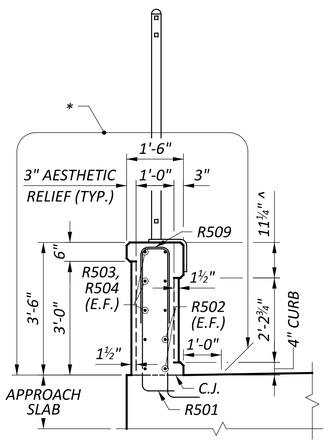
SECTION A-A



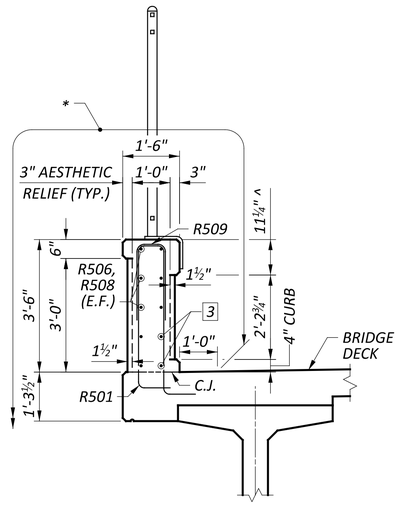
SECTION B-B



SECTION C-C

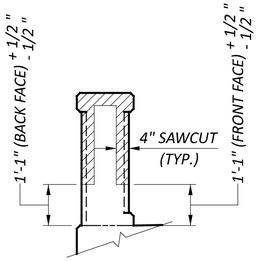


SECTION D-D



SECTION E-E

MINIMUM BAR LAP	
#5	2'-5"



DETAIL B

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-8"

LEGEND

^ - AT RAIL POSTS, INSIDE FACE ONLY, OTHERWISE 6"

1 - 5-R513

2 - R501 (N.F.), R502 (F.F.) OR R503 (E.F.)

3 - R505, R507 (E.F.)

- LIMITS OF FORM LINER

* - SEALING OF CONCRETE SURFACES (NON-EPOXY)

NOTES:

1. FOR ADDITIONAL PARAPET DETAILS, SEE STANDARD DRAWING SBR-1-20.
2. SEE SHEET 43/46 FOR APPROACH SLAB PLAN.
3. FOR ADDITIONAL VANDAL FENCE DETAILS, SEE STANDARD DRAWING VPF-1-24.

RAILING DETAILS - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 33 | TOTAL 46
SHEET P.1776 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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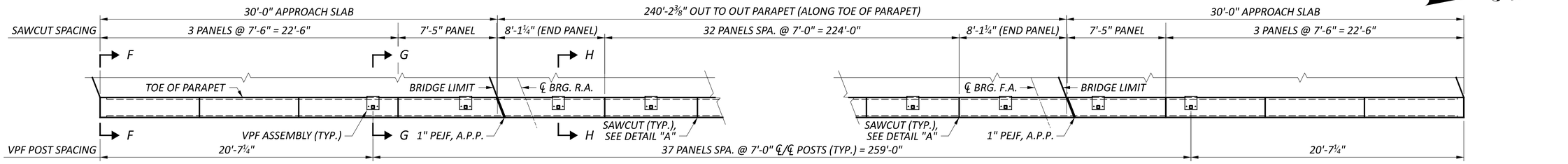
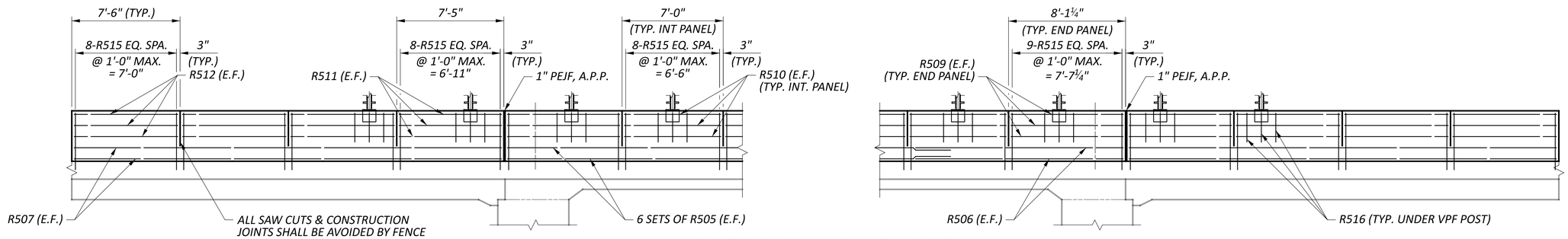
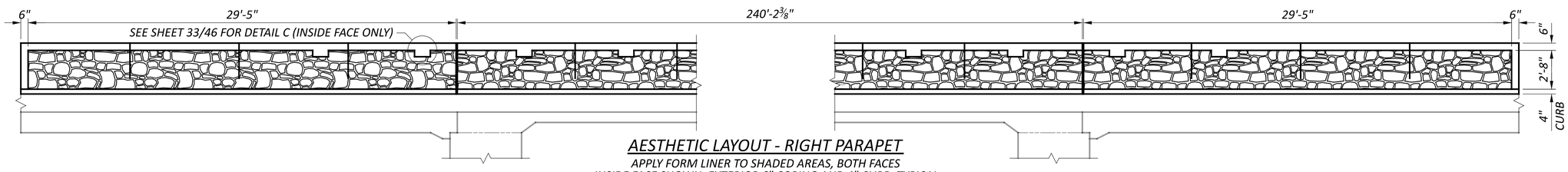


PARAPET PLAN - RIGHT PARAPET



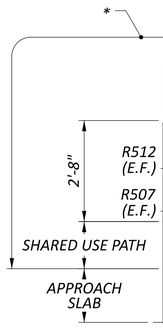
PARAPET ELEVATION - RIGHT PARAPET

INSIDE FACE SHOWN

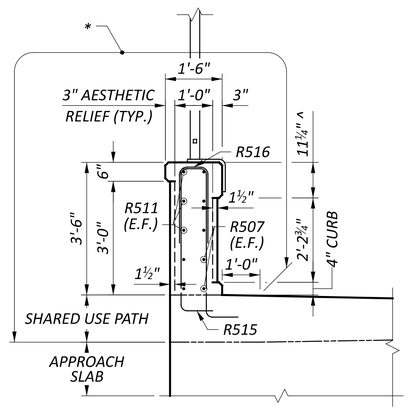


AESTHETIC LAYOUT - RIGHT PARAPET

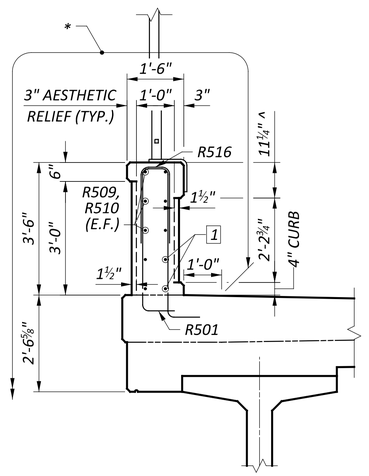
APPLY FORM LINER TO SHADED AREAS, BOTH FACES
INSIDE FACE SHOWN, EXTERIOR 6" COPING AND 4" CURB, TYPICAL



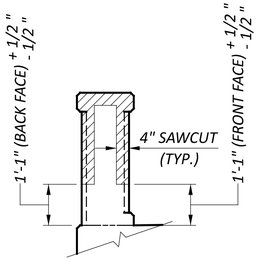
SECTION F-F



SECTION G-G



SECTION H-H



DETAIL "A"

SECTION THROUGH SAWCUT
SAWCUT PERIMETER = 6'-8"

MINIMUM BAR LAP	
#5	2'-5"

LEGEND

^ - *AT RAIL POST, INSIDE FACE ONLY, OTHERWISE 6"*

1 - *R505, R506 (E.F.)*

* - *SEALING OF CONCRETE SURFACES (NON-EPOXY)*

- LIMITS OF FORM LINER

NOTES:

1. *SEE SHEET 33/46 FOR NOTES.*

RAILING DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	
2302588	

DESIGN AGENCY: STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	DAS

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
34	46

SHEET	TOTAL
P.1777	P.2024

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ITEM 607 VANDAL PROTECTION FENCE (DECORATIVE)

DESCRIPTION: THIS ITEM CONSISTS OF FURNISHING AND INSTALLING DECORATIVE VANDAL FENCING ON NEW OR EXISTING CONCRETE BRIDGE RAILINGS. CONSTRUCT IN A MANNER THAT PROVIDES A RIGID, TAUT FENCE CLOSELY CONFORMING TO THE TOP SURFACE OF THE CONCRETE PARAPET. THIS PAY ITEM SHALL INCLUDE ANY AND ALL WORK NECESSARY TO FABRICATE AND INSTALL THE DECORATIVE STEEL VANDAL PROTECTION FENCE DESCRIBED HEREIN. THIS WILL INCLUDE STRUCTURAL STEEL AS DETAILED IN THE PLANS, SUCH AS POSTS, RAIL ELEMENTS, PICKETS, POST CAPS, DECORATIVE ORNAMENTS, BOLTS, WASHERS, NUTS, CONNECTIONS TO THE BARRIER, BASE PLATES, ANCHOR BOLTS, SHIMS, CAULKING, EXPANDED METAL, CLIPS, MISC. STEEL, LETTERING/HARDWARE, AND ALL OTHER COMPONENTS AS DETAILED IN THIS PLAN. ALL FABRICATION AND WORK OF THIS ITEM SHALL BE SHOP PERFORMED.

MATERIALS: ALL MATERIALS USED FOR THIS ITEM SHALL, AT A MINIMUM, MEET THE REQUIREMENTS OF STD. DWG. VPF-1-24. TUBE STEEL POSTS SHALL MEET ASTM A500, GRADE B (MINIMUM YIELD STRENGTH = 46,000 PSI). IF NOT OTHERWISE SPECIFIED, STEEL MATERIAL SHALL BE ASTM A36.

STEEL COATING: ALL STEEL COMPONENTS OF THIS ITEM, EXCEPT AS OTHERWISE NOTED IN THIS PLAN, SHALL BE GALVANIZED AS PER STD. DWG. VPF-1-24 AND MODIFIED FOR A BLACK SHOP PAINT SYSTEM DESCRIBED AS FOLLOWS. PROPER SURFACE PREPARATION PRIOR TO GALVANIZING AND PAINTING IS MANDATORY. VENT HOLES MAY BE ADDED AS NEEDED FOR PROPER GALVANIZING. ALL MATERIAL SHALL BE FREE OF PAINT MARKS. AFTER GALVANIZING, THE STEEL SHALL NOT BE QUENCHED. THE GALVANIZING SURFACE SHALL BE FREE FROM ALL CONTAMINANTS AND THE SURFACE ADEQUATELY ROUGHENED BEFORE PAINTING. PRIOR TO PAINTING, THE GALVANIZED SURFACE SHALL BE GIVEN AN ACID WASH WITH A CLEAN, WARM WATER RINSE, THEN A LIGHT SWEEP BLAST IN THE SHOP AND SHALL BE PAINTED WITHIN 12 HOURS OF SWEEP BLASTING. THE SWEEP BLAST SHOULD BE SOFT (FRIABLE) MATERIAL SIMILAR TO MAGNESIUM/ALUMINUM SILICATE ABRASIVE. THE SWEEP BLAST SHALL BE TO SUCH AN EXTENT TO SUFFICIENTLY ROUGHEN THE SURFACE TO AID IN PAINT ADHESION BUT NOT REMOVING MORE THAN 10 MICRONS OF ZINC. FIELD CONNECTION AREAS SHALL HAVE A UNIFORM GALVANIZED COATING FREE OF LOCAL EXCESSIVE ROUGHNESS WHICH WOULD PREVENT THE FIELD CONNECTIONS FROM MAKING INTIMATE CONTACT. ALL DAMAGED GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780, METHOD A1 OR A3. THE PAINT SHALL BE SHOP APPLIED. (IF PAINTED WITHIN 48 HOURS AFTER GALVANIZING, AN ACID WASH WILL NOT BE NECESSARY, ONLY THE LIGHT SWEEP BLAST.) THE PAINT SYSTEM SHALL BE PER C.M.S. 514, IZEU, A TIE COAT OF EPOXY PAINT, AND TOP COAT OF URETHANE PAINT. THE INORGANIC ZINC PRIMER SHALL BE NON-PERFORMED. ALL EXPOSED AREAS OF THE FENCING SHALL BE PAINTED, EXCEPT AS FOLLOWS. THE BASE PLATE ANCHORS, NUTS, AND WASHERS SHALL NOT BE PAINTED BUT REMAIN GALVANIZED ONLY. TOUCH UP OF ANY DAMAGED PAINT DURING HANDLING AND ERECTION IS REQUIRED AND SHALL BE AS DIRECTED BY THE PROJECT ENGINEER. THE COLOR OF THE FINISHED FENCING SHALL BE GLOSS BLACK. THE COLOR SHALL BE COORDINATED THROUGH THE DISTRICT AND SHALL MATCH THE COLOR OF ANY DECORATIVE LIGHTING POSTS ON THE PROJECT.

POSTS: SHALL BE AS DETAILED IN THIS PLAN WITH A WELD ATTACHED PRESSED STEEL CAP. POST SHALL BE INSTALLED PLUMB TO THE LONGITUDINAL GRADE. TO AVOID EXCESSIVE SHIMMING. ENDS OF POSTS MAY BE CUT ON BIAS BEFORE WELDING TO BASE PLATE.

HORIZONTAL MEMBERS: SHALL BE 1½" BY 1½" SQUARE CHANNEL WITH 3/16" WALL THICKNESS. HORIZONTAL MEMBER SHALL BE PARALLEL TO THE LONGITUDINAL GRADE.

PICKETS: SHALL BE ¾" SQUARE SOLID STEEL. PICKETS SHALL BE PLUMB TO THE LONGITUDINAL GRADE.

BASE PLATES: SHALL BE AS DETAILED IN THIS PLAN.

BASE PLATE ANCHORS: USE ⅝" ANCHORS AS PER STD. DWG. VPF-1-24CAST-IN-PLACE MECHANICAL ANCHORS SHALL NOT BE USED. ANCHORS SHALL BE GALVANIZED ONLY.

FILLET WELDS: SHALL CONFORM TO CMS 513.

SHIM PLATES: SHALL BE AS PER STD. DWG. VPF-1-24ND AS DETAILED IN THIS PLAN. USE SHIMS AS REQUIRED TO ERECT THE POSTS PLUMB TO THE LONGITUDINAL GRADE.

VANDAL PROTECTION MESH: WHERE DETAILED IN THE PLAN, PROVIDE THE FOLLOWING MATERIAL AS VANDAL PROTECTION MESH (¾" #9 FLATTENED EXPANDED METAL AS SPECIFIED BY):

McNICHOLS –
3470 EAST KEMPER ROAD
CINCINNATI, OH 45241-2007
http://www.mcnichols.com
PHONE: 1-877-884-4653

DIRECT METALS –
3380 GRAND AVENUE
WAUKEGAN, IL 60085
http://www.directmetals.com
PHONE: 1-800-711-4939

OR

APPROVED EQUAL

EACH MESH ASSEMBLY PANEL, AS DETAILED, SHALL BE ONE UNIT OF SEAMLESS EXPANDED METAL. THE PROTECTIVE COATING OF THE ENTIRE MESH ASSEMBLY, FOR EACH TYPICAL PANEL DETAILED IN THE PLAN, SHALL BE GALVANIZED AND PAINTED BLACK, ACCORDING TO THE STEEL COATING NOTE ON THIS SHEET, TO MATCH FENCE.

MESH EDGE COLLAR: VANDAL PROTECTION MESH COLLAR SHALL BE SHOP ATTACHED, BY INTERMITTENT WELDING, TO ALL FOUR EDGES OF EACH TYPICAL FENCE PANEL MESH.

MESH ATTACHMENT: USE INTERMITTENT SPOT WELDING, AS SHOWN IN THE PLAN, TO RIGIDLY ATTACH THE VANDAL PROTECTION MESH FLUSH TO THE PICKETS AND HORIZONTAL MEMBERS. PROVIDE A SHOP WELD ASSEMBLY PATTERN WHICH WILL KEEP ALL AREAS OF THE PROPOSED MESH SNUG TO THE PICKETS AND ELIMINATE ANY VIBRATING OR CHATTERING ONCE IN SERVICE.

APPROVAL OF PRODUCT: TWO COMPLETE POST ASSEMBLIES AND ONE COMPLETE PANEL ASSEMBLY SHALL BE PROVIDED AND MOCK ASSEMBLED FOR APPROVAL BY THE DIRECTOR. IF THE TYPICAL TEST FENCE SECTION DOES NOT MEET THE APPROVAL OF THE DIRECTOR, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED TYPICAL FENCE SECTION. THE TEST FENCE SECTION WILL BE PROVIDED REPEATEDLY, AS NECESSARY, UNTIL APPROVAL IS GRANTED. AN UNREINFORCED, ONE-FOOT-THICK, PLAIN CONCRETE LEVELING PAD SHALL BE USED AS A DEMONSTRATION PLATFORM AT A LOCATION SUITABLE TO THE PROJECT ENGINEER. THE MOCK-UPS SHALL UTILIZE ALL OF THE MATERIALS, ANCHORAGES, AND HARDWARE INTENDED TO BE USED ON THE PROJECT TO DEMONSTRATE OVERALL FITUP AS WELL AS AESTHETIC QUALITIES. AFTER APPROVAL IS GRANTED, THE STEEL FENCE TEST SECTION MAY BE USED ON THE PROJECT.

CONSTRUCTION PROCEDURE:

1. *FIELD VERIFY THE PLAN LOCATIONS OF ALL BASE PLATES AND MARK PARAPETS ACCORDINGLY.*
2. *MARK AND DRILL HOLES FOR THE ⅝" BASE PLATE ANCHORS USING A BASE PLATE TEMPLATE.*
3. *INSTALL ⅝" DIAMETER BASE PLATE ANCHORS.*
4. *INSTALL BASE PLATE AND POST ASSEMBLY AND SHIM WHERE REQUIRED. FULLY TIGHTEN ANCHORS TO BASE PLATES AND CHECK PLUMBNESS OF POSTS.*
5. *CAULK EDGES OF BASE PLATES, SHIMS AND SLEEVES.*
6. *CONTINUE INSTALLATION OF FENCE BY INSERTING FENCE PANELS AS DETAILED IN THE PLAN.*
7. *COMPLETE INSTALLATION OF THE FENCE BY FULLY SECURING AND TIGHTENING ALL HARDWARE.*

METHOD OF MEASUREMENT: THE DEPARTMENT WILL MEASURE THE QUANTITY BY THE FOOT. THE DEPARTMENT WILL MEASURE, ALONG THE BOTTOM OF THE FENCE, FROM CENTER TO CENTER OF END POSTS.

BASIS OF PAYMENT: THE DEPARTMENT WILL MAKE PAYMENT FOR THE COMPLETED AND ACCEPTED QUANTITIES OF VANDAL FENCE AS FOLLOWS:

ITEM	UNIT	DESCRIPTION
607	FOOT	SPECIAL - VANDAL PROTECTION FENCE (DECORATIVE)

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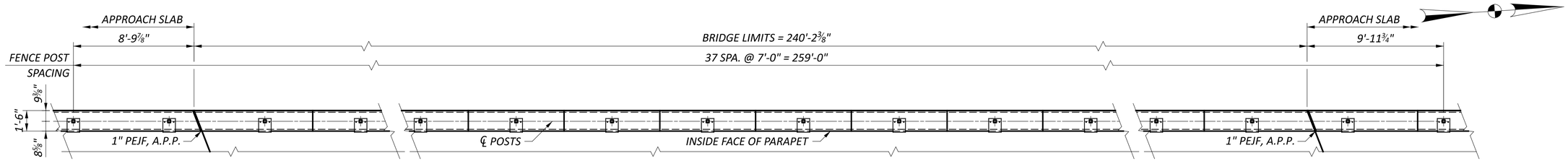
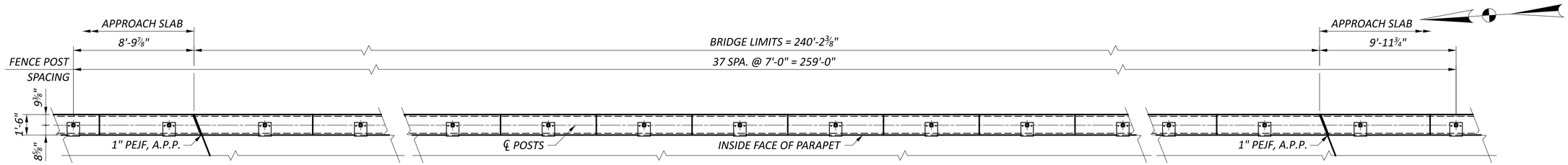
FAI/LIC-70.0.00/0.00

VANDAL FENCING NOTES
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

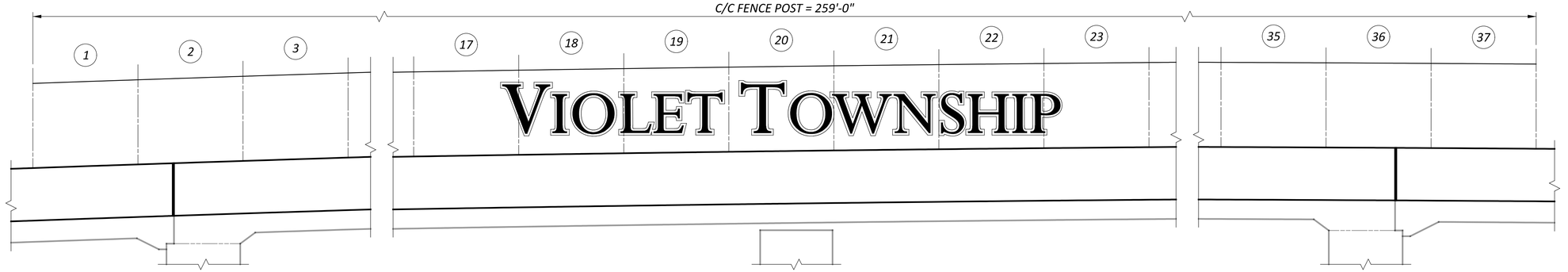
SFN 2302588
DESIGN AGENCY STRUCTUREPOINT INC.
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 35 | TOTAL 46
SHEET P.1778 | TOTAL P.2024



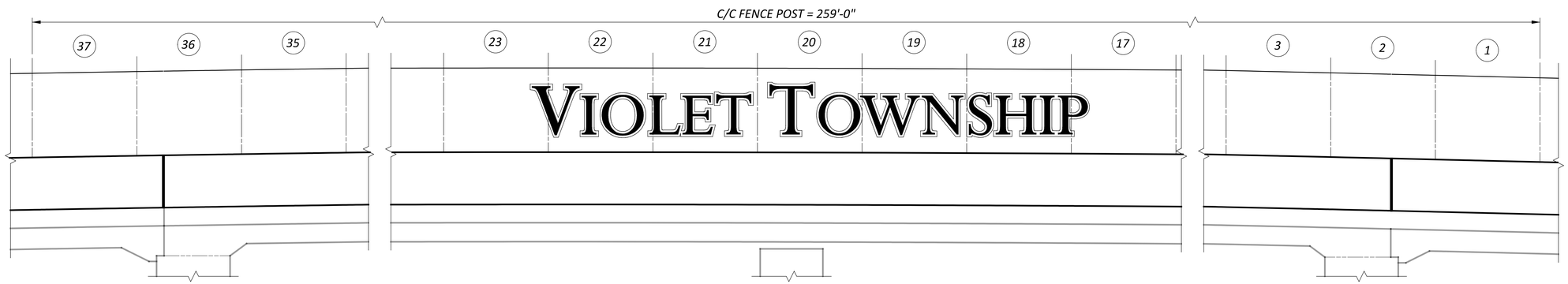
FENCE POST PLAN - LEFT PARAPET



FENCE POST PLAN - RIGHT PARAPET



FENCE POST ELEVATION - LEFT PARAPET



FENCE POST ELEVATION- RIGHT PARAPET

NOTES:

1. FOR FENCE PANEL DETAILS, SEE SHEET 41 & 42/46.
2. FOR BASE PLATE DETAILS, SEE SHEET 38 & 39/46.
3. FOR LOGO DETAILS, SEE SHEET 37/46.

LEGEND

(##) - FENCE PANEL NUMBER

VANDAL FENCE PLAN AND ELEVATION
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	DAS

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
36	46

SHEET	TOTAL
P.1779	P.2024

FAI/LIC-70.0.00/0.00

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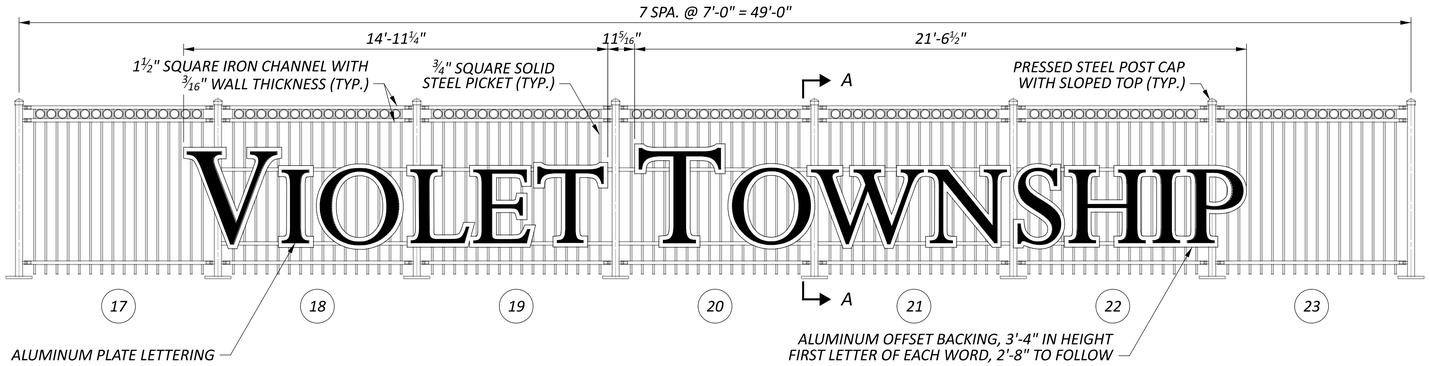
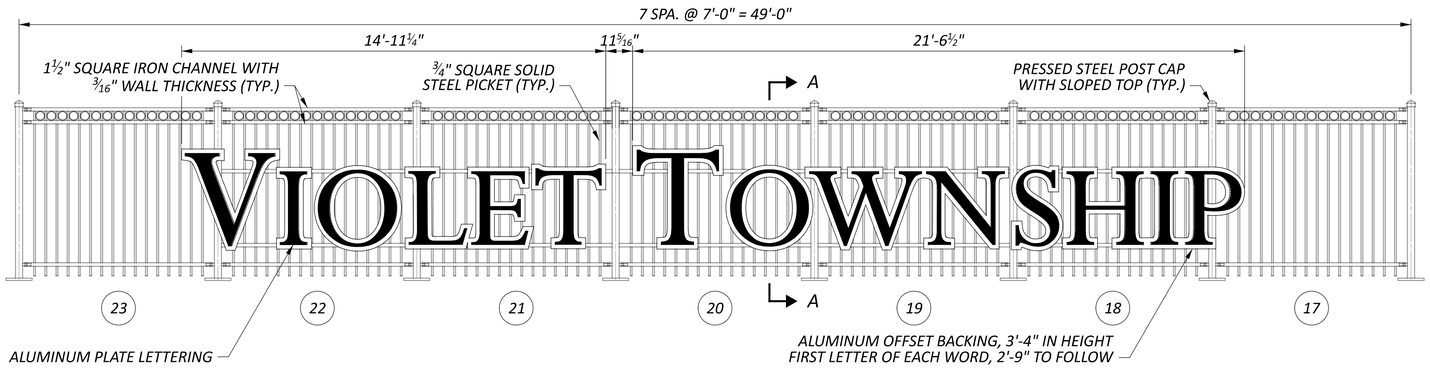


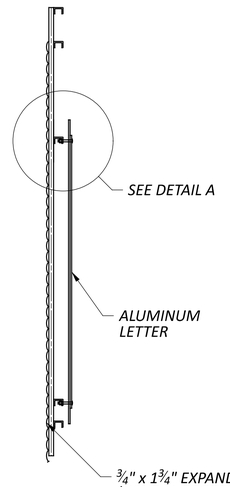
VIOLET TOWNSHIP LOGO ELEVATION

LEFT SIDE

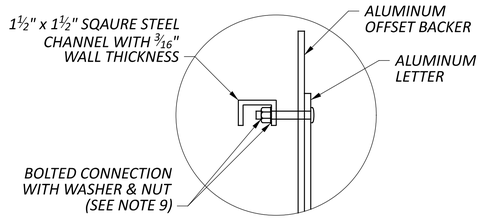


VIOLET TOWNSHIP LOGO ELEVATION

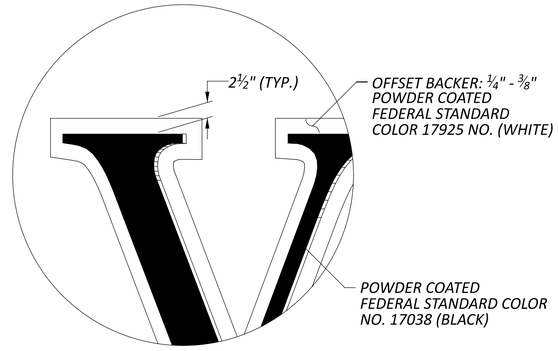
RIGHT SIDE



SECTION A-A



DETAIL A



LOGO DETAIL

LEGEND

(##) - FENCE PANEL NUMBER

NOTES:

1. NO FIELD WELDING OR FIELD DRILLING OF HOLES WILL BE PERMITTED.
2. LOGO DETAILS SHOWN ARE REPRESENTATIVE OF LEVEL OF DETAIL FOR BIDDING PURPOSES ONLY. FINAL DETAILS OF THE LOGO INCLUDING A CAD FILE WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO LOGO FABRICATION.
3. THE VIOLET TOWNSHIP LOGO SHALL BE ALUMINUM AND POWDER COATED PER THE GENERAL NOTES. THE BACK SIDE SHALL BE POWDER COATED BLACK AND THE FRONT SIDE SHALL BE COATED AS SHOWN ON THIS SHEET. MULTIPLE LAYERED PLATES (MINIMUM OF 1/8" THICK EACH) MAY BE REQUIRED TO ACHIEVE THE COLORING SCHEME. THE FABRICATOR SHALL USE AN ALL WEATHER EXTERIOR ADHESIVE TO BOND THE LAYERS TOGETHER. THE ADHESIVE SHALL BE APPROVED BY THE ENGINEER AND FENCE MANUFACTURER.
4. THE LOGO SHALL BE FURNISHED BY THE FENCE FABRICATOR OR A FABRICATOR APPROVED BY THE ENGINEER.
5. DIMENSIONS AND PLACEMENT OF LOGO TO BE THE SAME ON EACH SIDE OF THE BRIDE (CENTERED ON THE PIER)
6. ALL LETTERING, SPACERS, AND ATTACHMENTS FOR LOGO TO BE INCLUDED WITH ITEM SPECIAL - VANDAL PROTECTION FENCE FOR PAYMENT.
7. SEE SHEET 36/46 FOR FENCE PANEL DETAILS.
8. PROVIDE ⅜" DIA. HOLES IN LETTERS FOR ⅝" DIA. CARRIAGE BOLTS.
9. SIGN SHALL BE SUFFICIENTLY BOLTED AT MULTIPLE LOCATIONS TO RESIST DEFORMATION DUE TO WING LOADS.
10. CENTER LETTERS VERTICALLY BETWEEN THE MIDDLE HORIZONTAL FENCE RAIL AND THE BOTTOM HORIZONTAL FENCE RAIL.
11. CONTRACTOR SHALL COORDINATE WITH THE MESH SUPPLIER AND SUBMIT SHOP DRAWINGS FABRICATION, MOUNTING, AND LOCATION DETAILS OF THE LETTERS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. CONTRACTOR TO SUBMIT MATERIAL SAMPLES TO THE ENGINEER FOR APPROVAL.

DECORATIVE FENCE DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588
DESIGN AGENCY STRUCTUREPOINT LLC
DESIGNER JCS | CHECKER DAS
REVIEWER CLB 08/17/26
PROJECT ID 96808
SUBSET 37 | TOTAL 46
SHEET P.1780 | TOTAL P.2024

FAI/LIC-70.0.00/0.00

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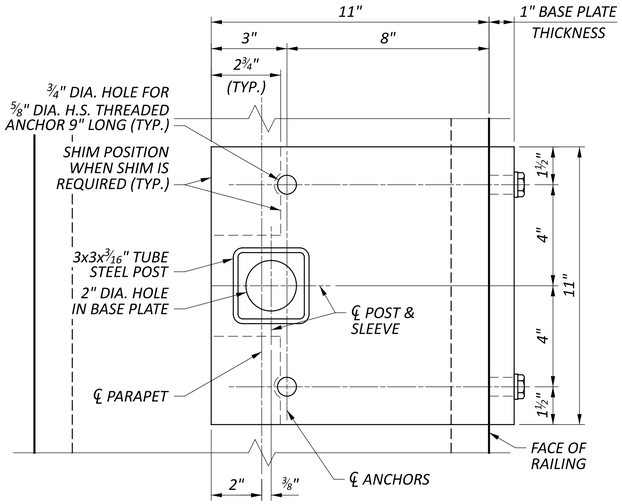
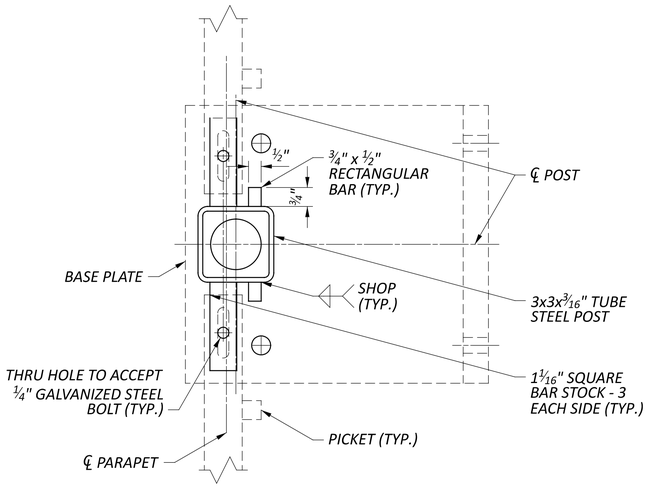


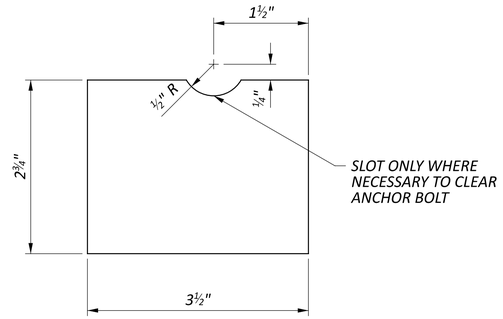
TYPICAL BASE ℄ PLAN

SHIM POSITIONS ARE SHOWN
(SEE STD. DWG. VPF-1-24)



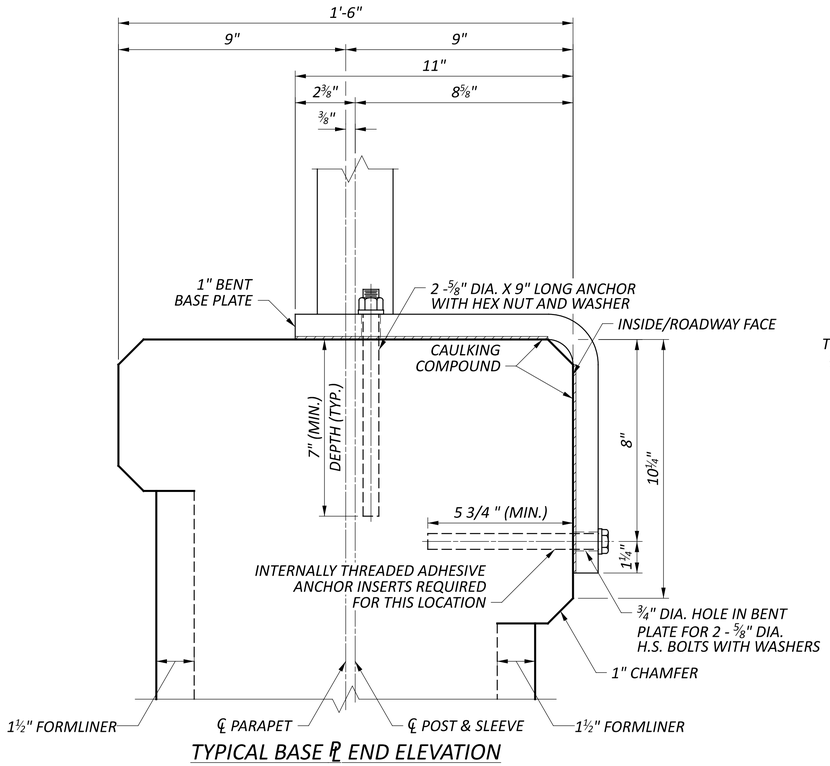
TYPICAL POST PLAN

SHIMS NOT SHOWN

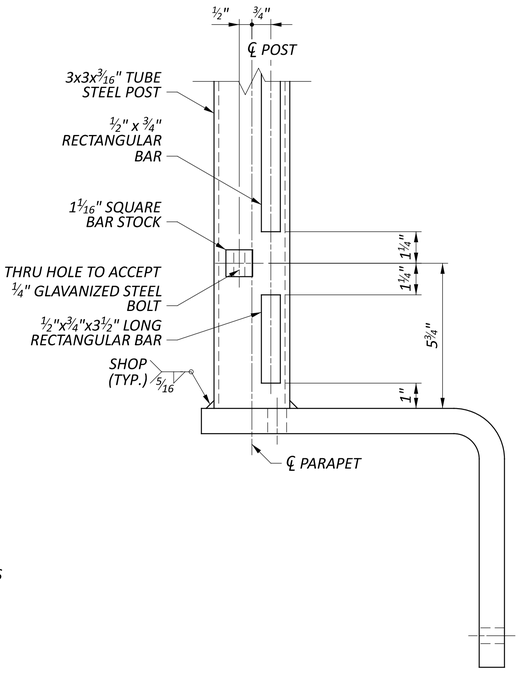


BASE PLATE SHIMS

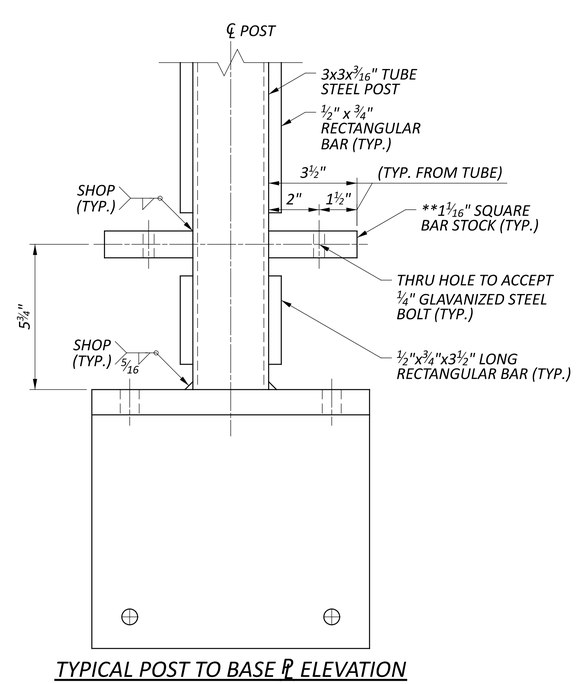
PROVIDE 1/16", ⅛", AND ¼" THICK,
WHERE NECESSARY, TO SET ALL POSTS PLUMB.



TYPICAL BASE ℄ END ELEVATION



TYPICAL POST TO BASE ℄ ELEVATION



TYPICAL POST TO BASE ℄ ELEVATION

** CUT WELDED BAR ENDS ON BIAS AS NECESSARY TO INSTALL
FENCE PANELS PARALLEL TO TOP OF PARAPET

VANDAL FENCING DETAILS - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	38
TOTAL	46
SHEET	P.1781
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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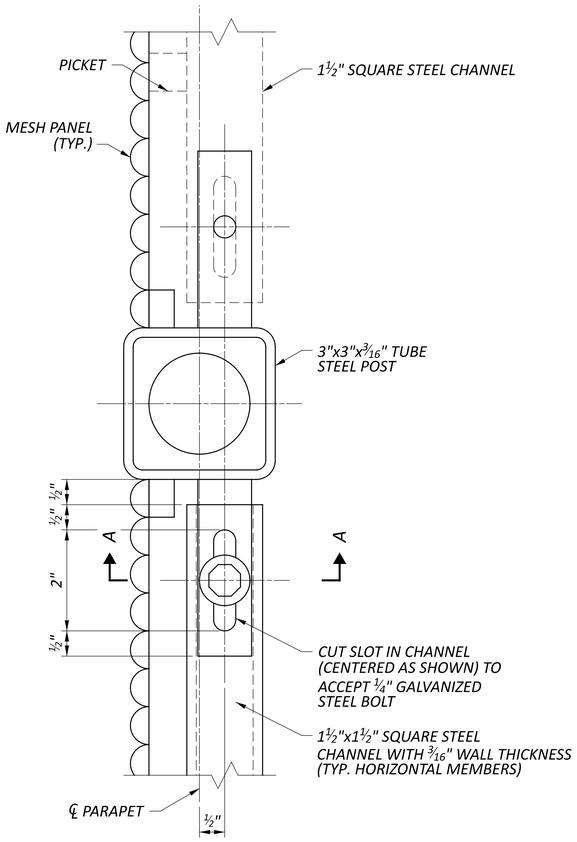
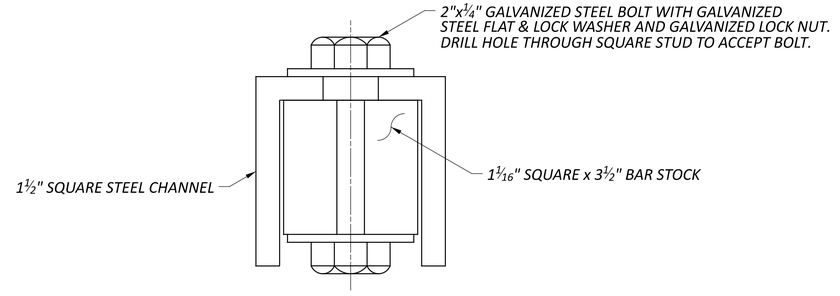


TYPICAL SLIP JOINT - TOP PLAN VIEW



SECTION A-A

VANDAL FENCING DETAILS - 2
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

FAI/LIC-70.0.00/0.00

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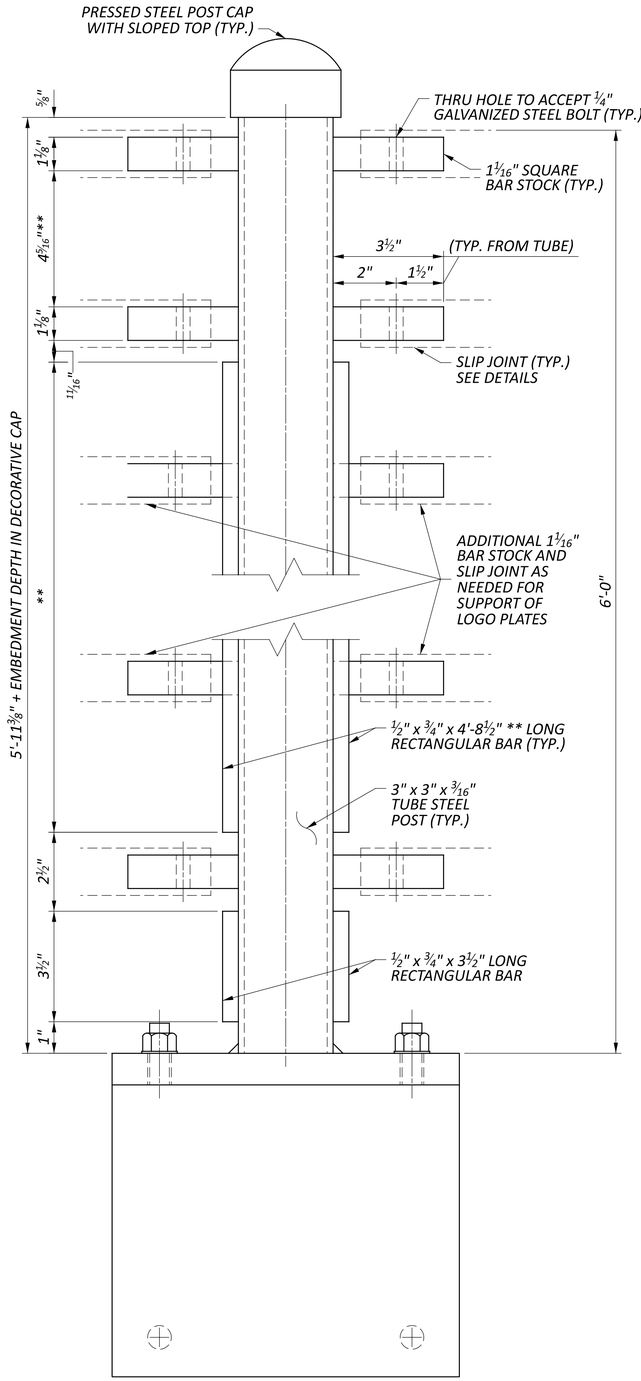
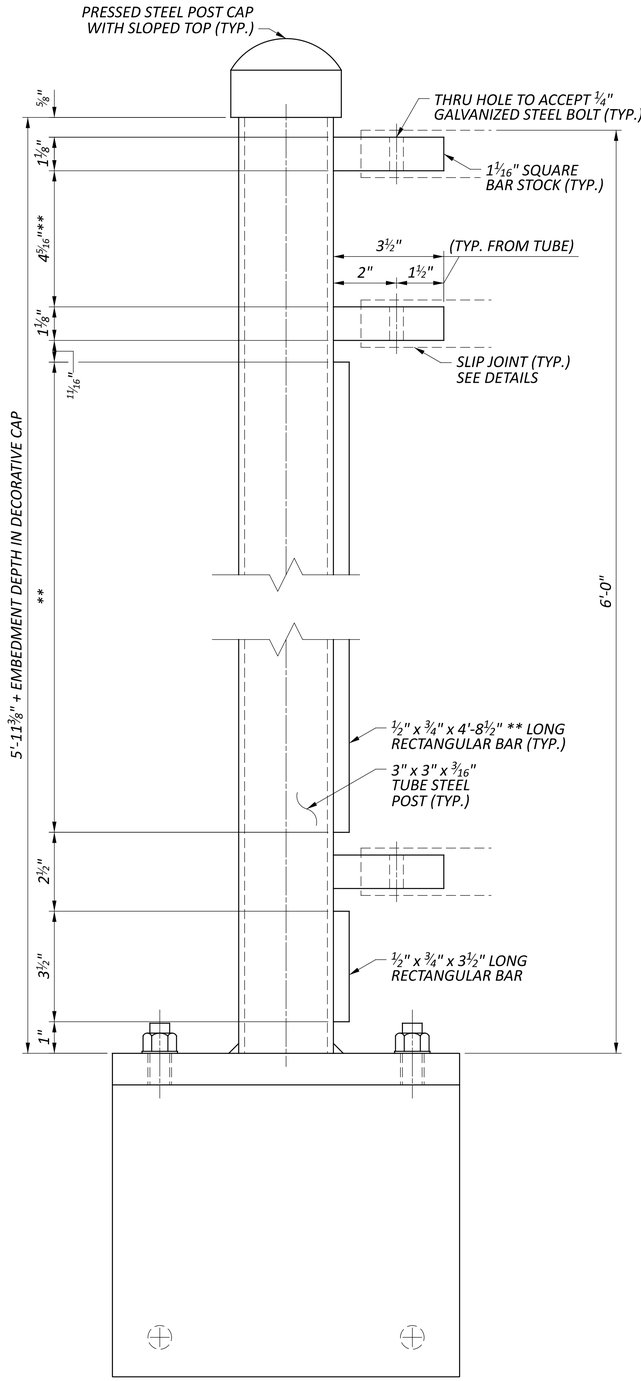
SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	39
TOTAL	46
SHEET	P.1782
TOTAL	P.2024



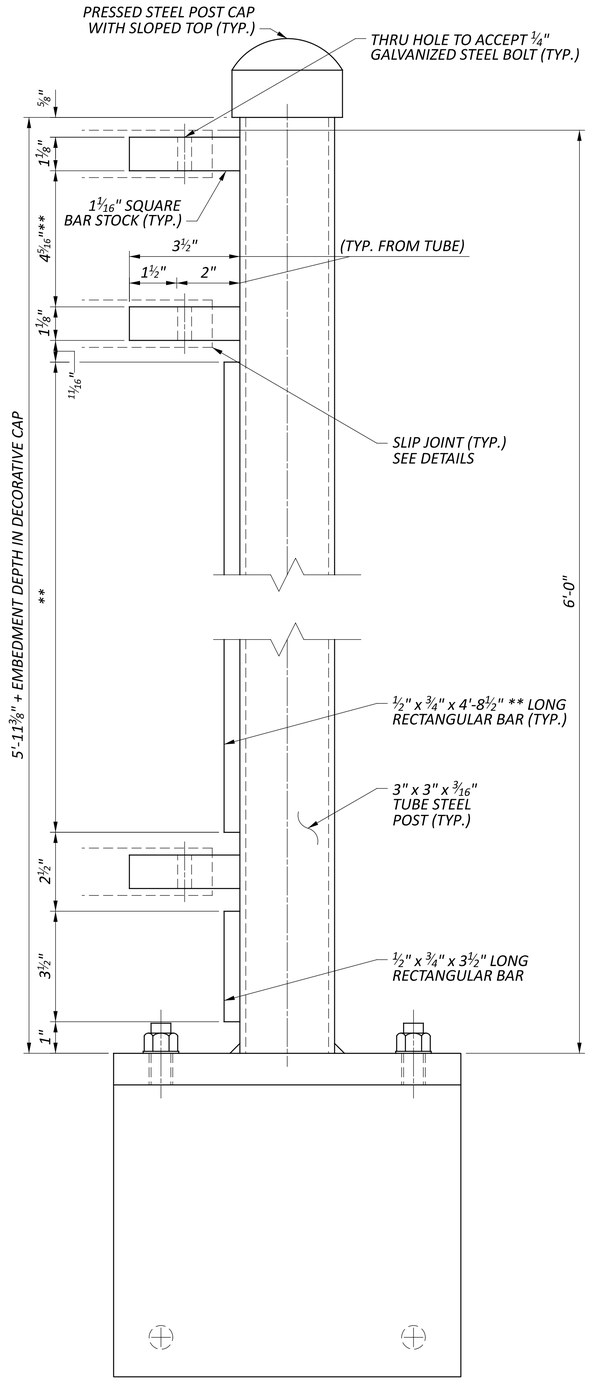
TYPICAL FULL POST ASSEMBLY ELEVATION

36 POSTS EACH PARAPET



FULL REAR APPROACH POST ASSEMBLY ELEVATION

1 POST EACH PARAPET



FULL FWD. APPROACH POST ASSEMBLY ELEVATION

1 POST EACH PARAPET

LEGEND:

*** - ADJUST THESE DIMENSIONS FOR DECORATIVE RING FIT-UP/PLACEMENT*

VANDAL FENCING DETAILS - 3
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 04/28/25
PROJECT ID	96808
SUBSET	40
TOTAL	46
SHEET	P.1783
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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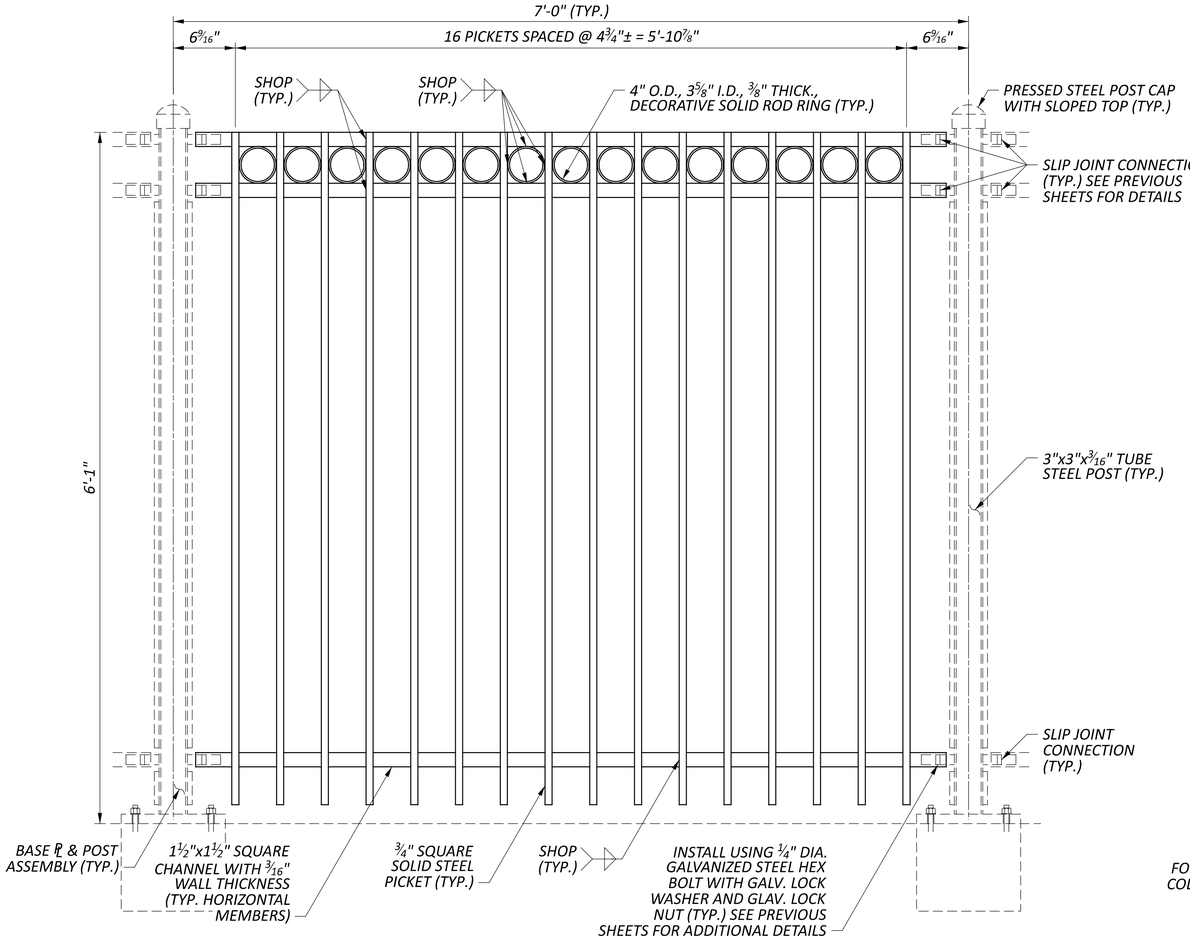
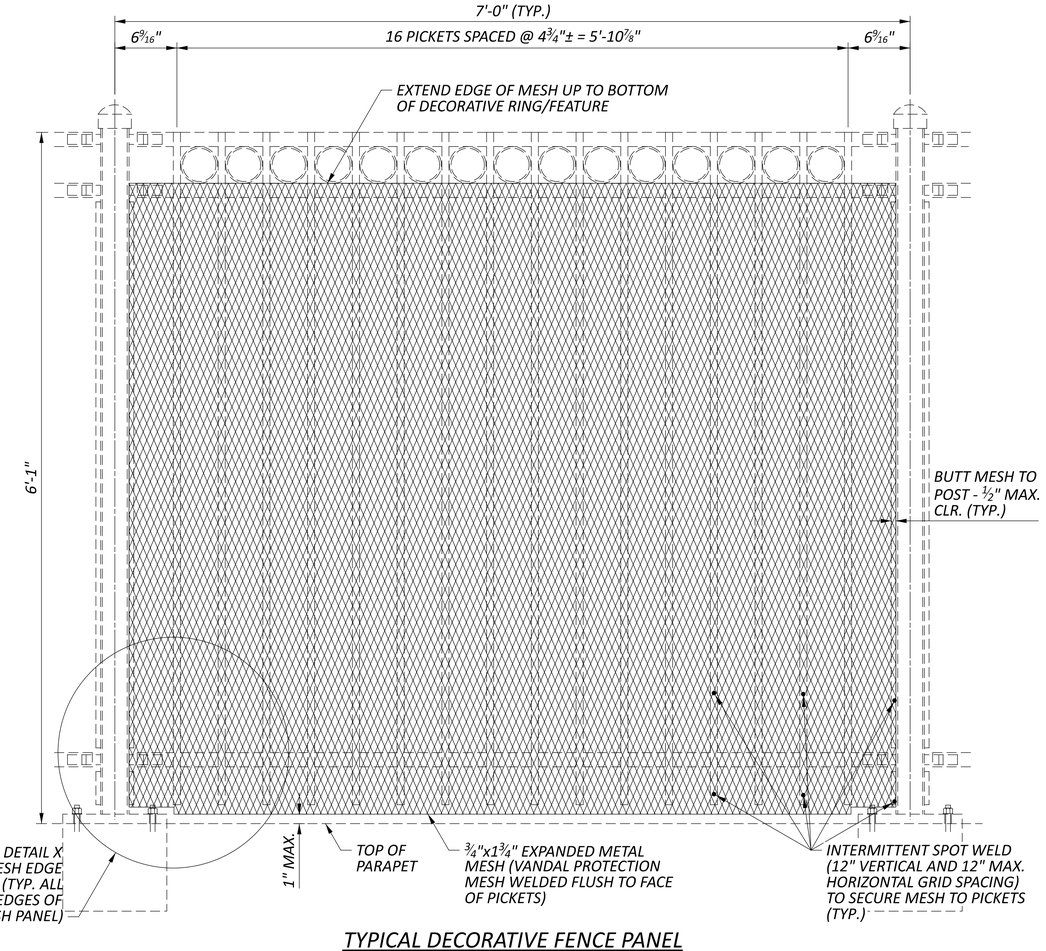


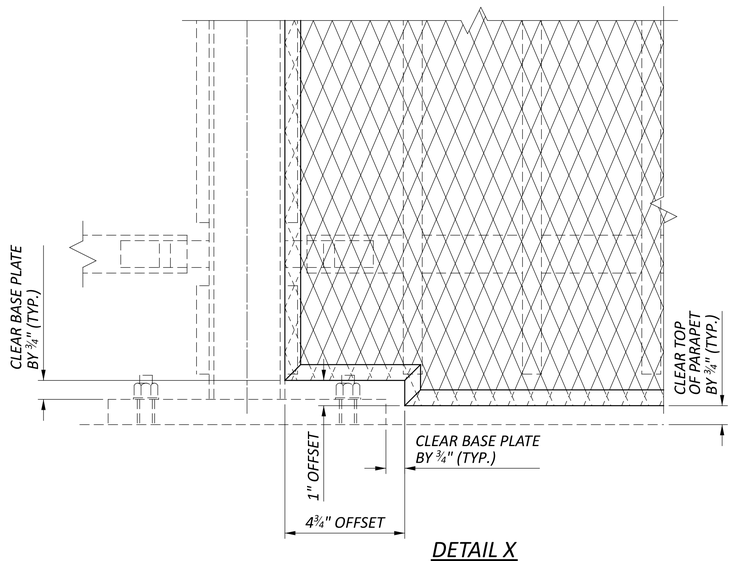
TYPICAL DECORATIVE FENCE PANEL ASSEMBLY

(INNER/SHARED-USE PATH FACE)

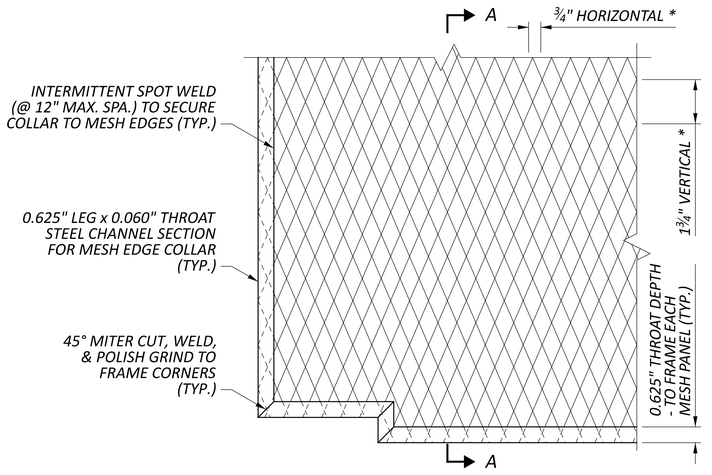


TYPICAL DECORATIVE FENCE PANEL

(INNER/SHARED-USE PATH FACE)

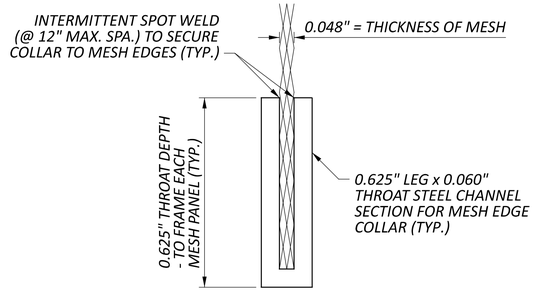


DETAIL X



DETAIL X (CONT.)

** = MESH ORIENTATION*



SECTION A-A

VANDAL FENCING DETAILS - 4

BRIDGE NO. FAI-0204A-00.460

TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT INC.
DESIGNER	JCS
CHECKER	DAS
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	41
TOTAL	46
SHEET	P.1784
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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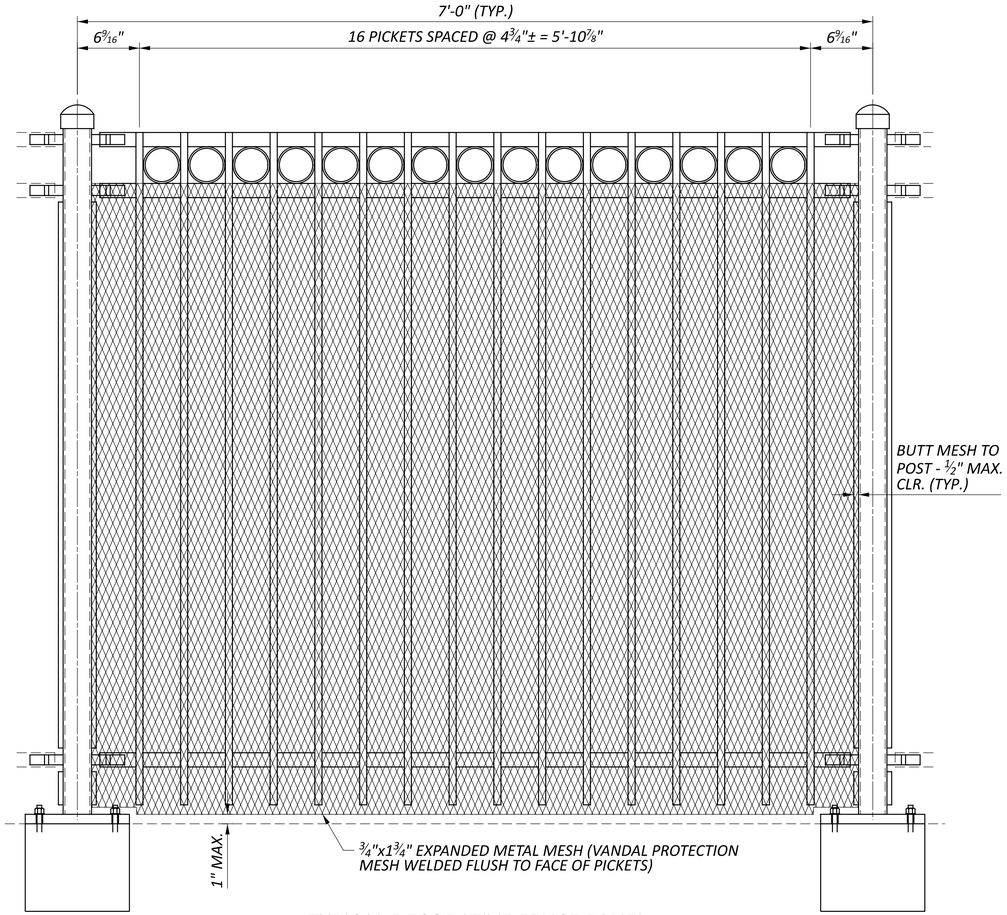
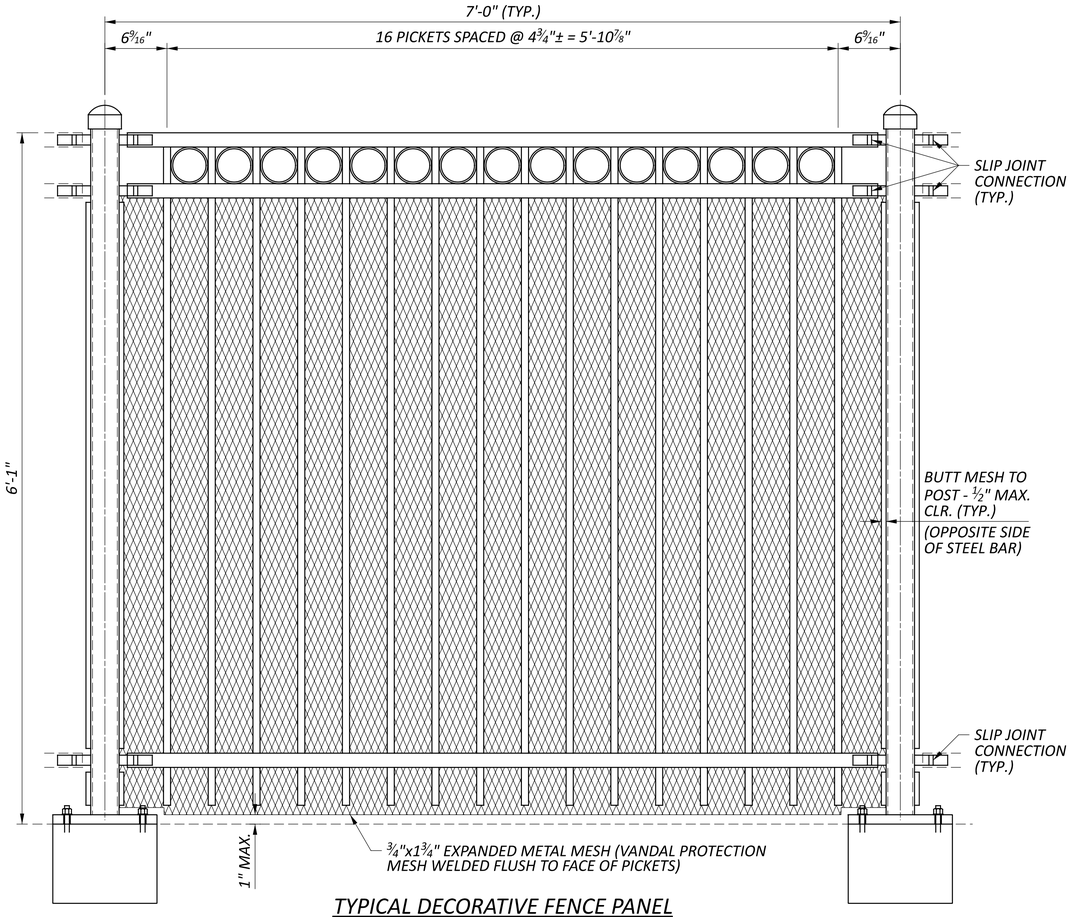


TYPICAL DECORATIVE FENCE PANEL

(INNER/SHARED-USE PATH FACE)



TYPICAL DECORATIVE FENCE PANEL

(OUTER FACE)

VANDAL FENCING DETAILS - 5
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	CHECKER
JCS	DAS

REVIEWER: CLB 08/17/26

PROJECT ID: 96808

SUBSET	TOTAL
42	46

SHEET	TOTAL
P.1785	P.2024

FAI/LIC-70.0.00/0.00

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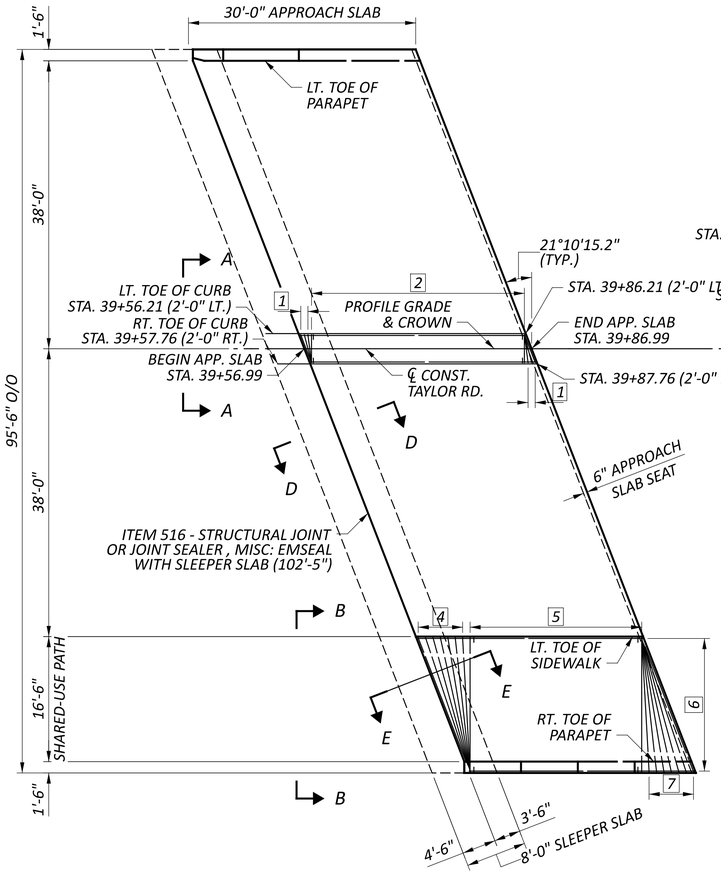
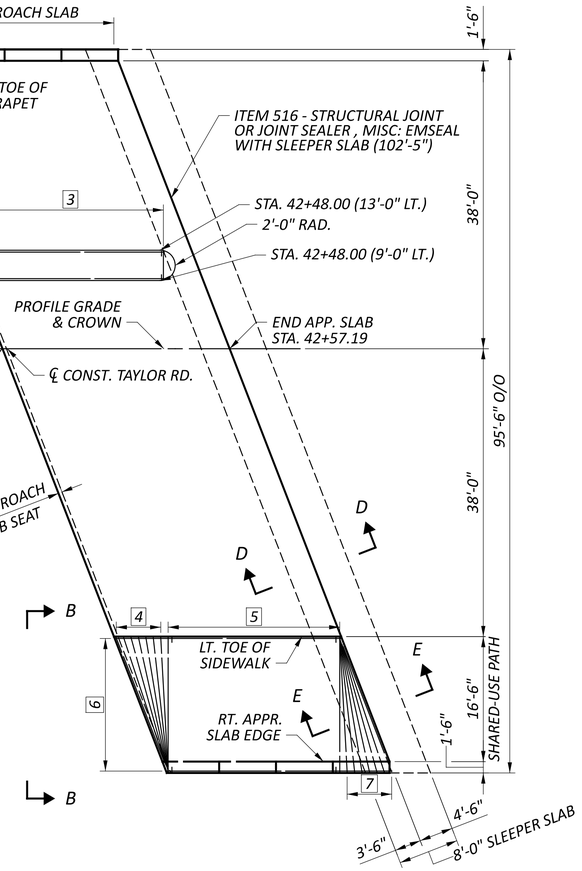
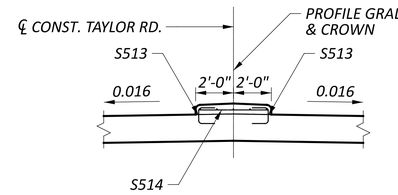


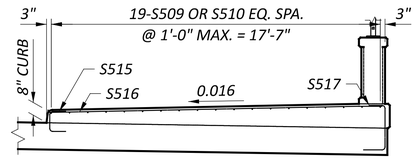
REAR APPROACH SLAB



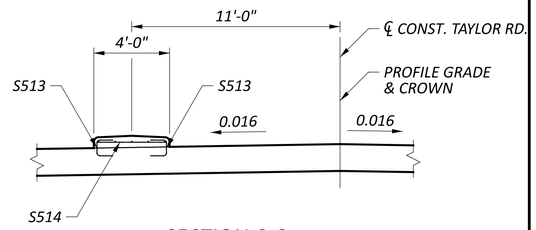
FORWARD APPROACH SLAB



SECTION A-A



SECTION B-B



SECTION C-C

APPROACH SLAB ELEVATIONS

APPROACH LINE / DESCRIPTION		BEGIN REAR SLEEPER SLAB	BEGIN REAR APPROACH SLAB	END REAR SLEEPER SLAB	END REAR APPROACH SLAB	STRUCTURE LIMITS	BEGIN FWD. APPROACH SLAB	BEGIN FWD. SLEEPER SLAB	END FWD. APPROACH SLAB	END FWD. SLEEPER SLAB
LT. TOE OF PARAPET	STATION	39+37.98	39+42.27	39+46.56	39+72.27		42+12.47	42+38.18	42+42.47	42+46.76
	ELEVATION	954.29	956.14	954.88	957.21		960.54	958.92	960.30	958.83
LT. TOE OF MEDIAN CURB	STATION	39+51.92	39+56.21	39+60.50	39+86.21		42+22.15	42+47.86	42+52.15	42+56.44
	ELEVATION	955.39	957.23	955.97	958.24		960.88	959.22	960.59	959.12
PGL & CROWN	STATION	39+52.70	39+56.99	39+61.28	39+86.99		42+27.19	42+52.90	42+57.19	42+61.48
	ELEVATION	955.45	957.29	956.03	958.29		961.04	959.37	960.73	959.26
RT. TOE OF MEDIAN CURB	STATION	39+53.47	39+57.76	39+62.05	39+87.76		42+23.70	42+49.41	42+53.70	42+57.99
	ELEVATION	955.44	957.29	956.02	958.28		960.93	959.27	960.63	959.16
LT. TOE OF SIDEWALK	STATION	39+67.42	39+71.71	39+75.99	40+01.71		42+41.91	42+67.62	42+71.91	42+76.19
	ELEVATION	955.36	957.19	955.92	958.12		960.30	958.56	959.92	958.43
RT. DECK EDGE	STATION	39+74.39	39+78.68	39+82.97	40+08.68		42+48.88	42+74.59	42+78.88	42+83.17
	ELEVATION	955.31	957.13	955.85	958.03		959.94	958.17	959.52	958.03

LEGEND

1 - 3-S513 & S514 (E.F.) (FANNED)

2 - 30-S513 & S514 (E.F.) SPA. @ 1'-0"

3 - 26-S513 & S514 (E.F.) SPA. @ 1'-0"

4 - 7-S515 & S516 (FANNED) EQ. SPA. @ 1'-0" MAX.

5 - 24-S515, S516, & S517 EQ. SPA. @ 1'-0" MAX.

6 - 19-S521 EQ. SPA. @ 1'-0" MAX.

7 - 7-S516 & S517 (FANNED) EQ. SPA. @ 1'-0" MAX

**SEE STANDARD DRAWINGS AS-2-15 SHEET 7/14 FOR EXPANSION JOINT OPENING TABLE

NOTES:

1. SEE STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL NOTES AND DETAILS.

2. SEE SHEET 42/46 FOR SECTION D-D AND E-E.

APPROACH SLAB DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY STRUCTUREPOINT LLC

DESIGNER	CHECKER
DAS	BMK

REVIEWER CLB 08/17/26

PROJECT ID 96808

SUBSET	TOTAL
43	46

SHEET	TOTAL
P.1786	P.2024

FAI/LIC-70.0.00/0.00

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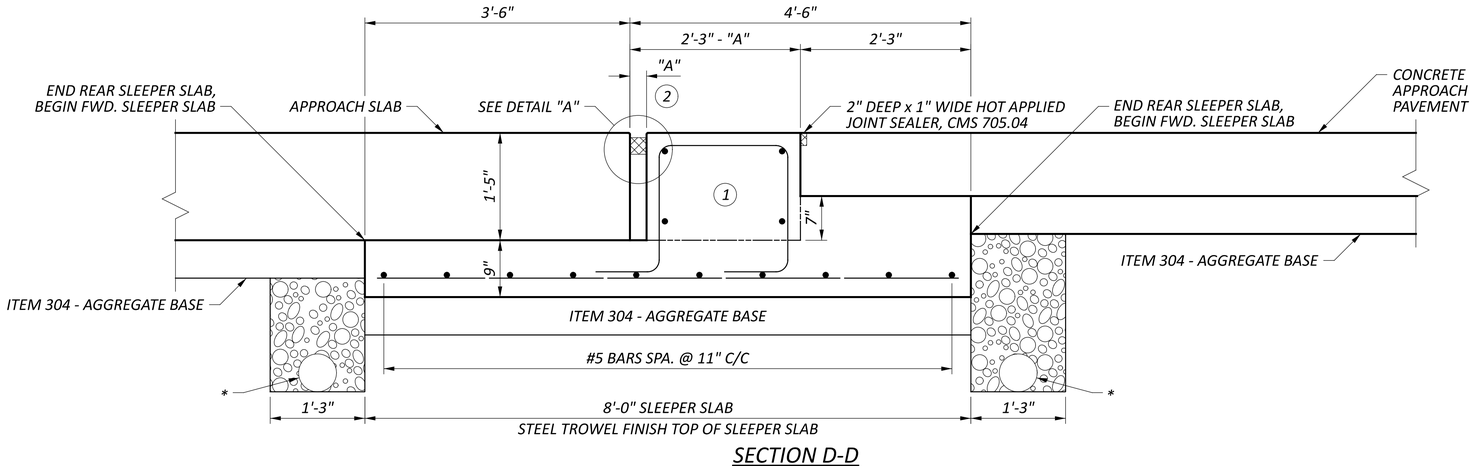

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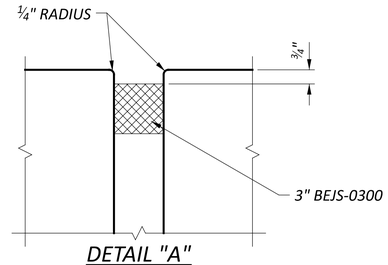
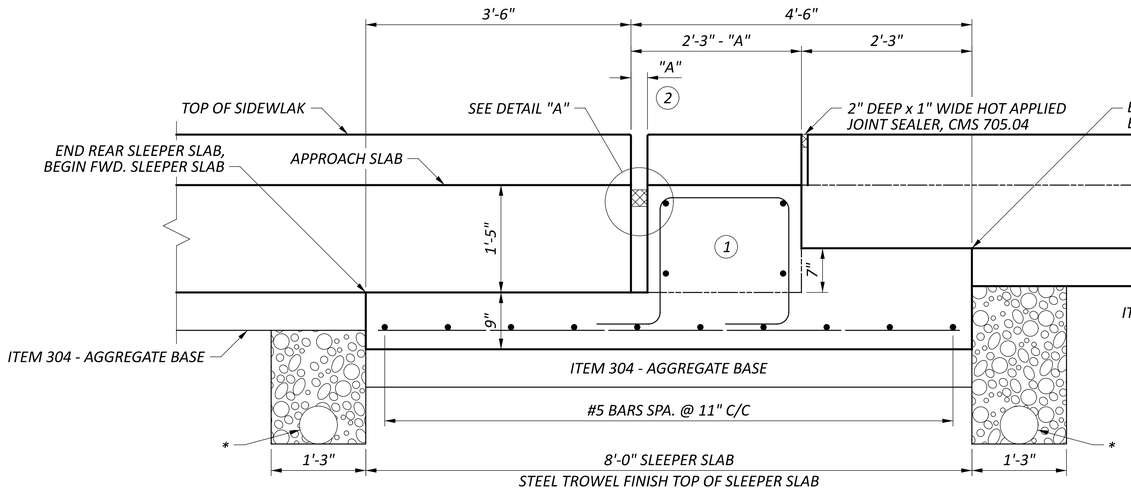
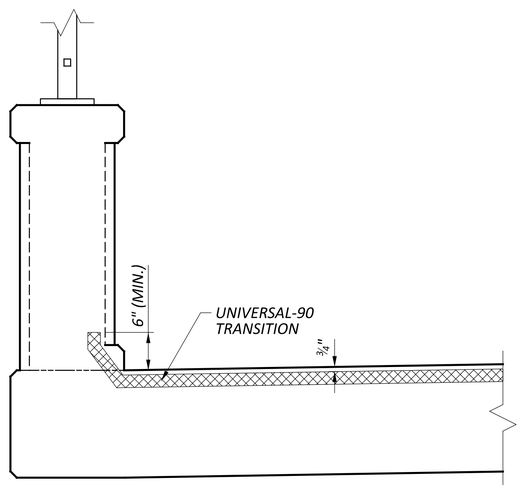


DETAIL "A"



SECTION E-E



END DETAIL

LEGEND

(1) - THIS SECTION OF THE SLEEPER SLAB SHALL NOT BE POURED UNTIL AFTER THE APPROACH SLAB HAS BEEN CONSTRUCTED

(2) - DIMENSION "A" SHALL BE CONSTRUCTED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS, MEASURED PERPENDICULAR TO THE JOINT.

* CMS 605.03 6" PERFORATED PIPE UNDERDRAIN WITH CMS 605.06 UNDERDRAIN OUTLET

NOTES:

ITEM 516-STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEP SLAB:

ITEM 516-STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB EMSEAL: FURNISH MATERIAL CONFORMING TO 705.11. THE SEAL CONFIGURATION SHOULD BE SIMILAR TO THE DETAILS SHOWN HERIN. ACCEPTED MANUFACTURES ARE: EMSEAL JOINT SYSTEM LTD. (MODEL 3" BEJS) OR AN APPROVED EQUIVALENT. INSTALL THE SEAL ACCORDING TO THE MANUFACTURE'S SPECIFICATIONS AND UNDER THE SUPERVISION OF THE MANUFACTURER'S DESIGNATED REPRESENTATIVE. FURNISH SEALS IN ONE CONTIUOUS PIECE UNLESS APPROVED BY THE ENGINEER.

BOND BREAKER: A BOND BREAKER CONSISTING OF TWO 4 FOOT SHEETS OF CLEAR OR OPAQUE POLYETHYLENE FILM, ITEM 705.06, SHALL BE CENTERED ON THE SLEEPER SLAB AND BELOW THE APPROACH SLAB, WHERE NOTED. CARE SHALL BE TAKEN IN THE AREA BENEATH THE POLYETHYLENE FILM TO ENSURE THE SURFACE OF THE SLEEPER SLAB IS FINISHED SMOOTH. THE FILM SHALL HAVE A NOMINAL THICKNESS OF 4 MILS.

PAYMENT: MEASUREMENT OF THE EXPANSION JOINT FOR PAYMENT PURPOSES SHALL BE ALONG THE CENTERLINE OF THE SLEEPER SLAB AND BETWEEN THE BACKS OF CURB. PAYMENT SHALL BE PER FOOT OF ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC: EMSEAL WITH SLEEPER SLAB AND SHALL INCLUDE 3" BEJS SEAL AS PROVIDED BY EMSEAL JOINT SYSTEM LTD. AT 25 BRIDLE LANE, WESTBOROUGH, MA 01581 (800) 526-8365 OR AN APPROVED EQUAL, CONCRETE SLEEPER SLAB, RESTEEL, PIPE UNDERDRAINS AND OUTLETS AND ALL LABOR, MATERIALS AND INCIDENTIALS NEEDED TO CONSTRUCT THE JOINT AS SHOWN, INCLUDING THE PIPE UNDERDRAINS. THE UNDERDRAINS SHALL BE INSTALLED AS PER CMS 605.03 - 6" PIPE UNDERDRAIN (707.31) AND WILL INCLUDE THE NECESSARY GRANULAR MATERIAL.

SLEEPER SLAB DETAILS
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN	2302588
DESIGN AGENCY	STRUCTUREPOINT
DESIGNER	DAS
CHECKER	BMK
REVIEWER	CLB 08/17/26
PROJECT ID	96808
SUBSET	44
TOTAL	46
SHEET	P.1787
TOTAL	P.2024

FAI/LIC-70.0.00/0.00

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MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
REAR ABUTMENT											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
FORWARD ABUTMENT											
SUB-TOTAL											

NOTES:

1. SEE SHEET 46/46 FOR REINFORCING LIST NOTES AND BEND DIAGRAMS.

STEEL REINFORCING LIST - 1
BRIDGE NO. FAI-0204A-00.460
TAYLOR ROAD OVER IR 70

SFN 2302588

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	CHECKER
MAH	JCS

REVIEWER
CLB 08/17/26

PROJECT ID
96808

SUBSET	TOTAL
45	46

SHEET	TOTAL
P.1788	P.2024

FAI/LIC-70.0.00/0.00

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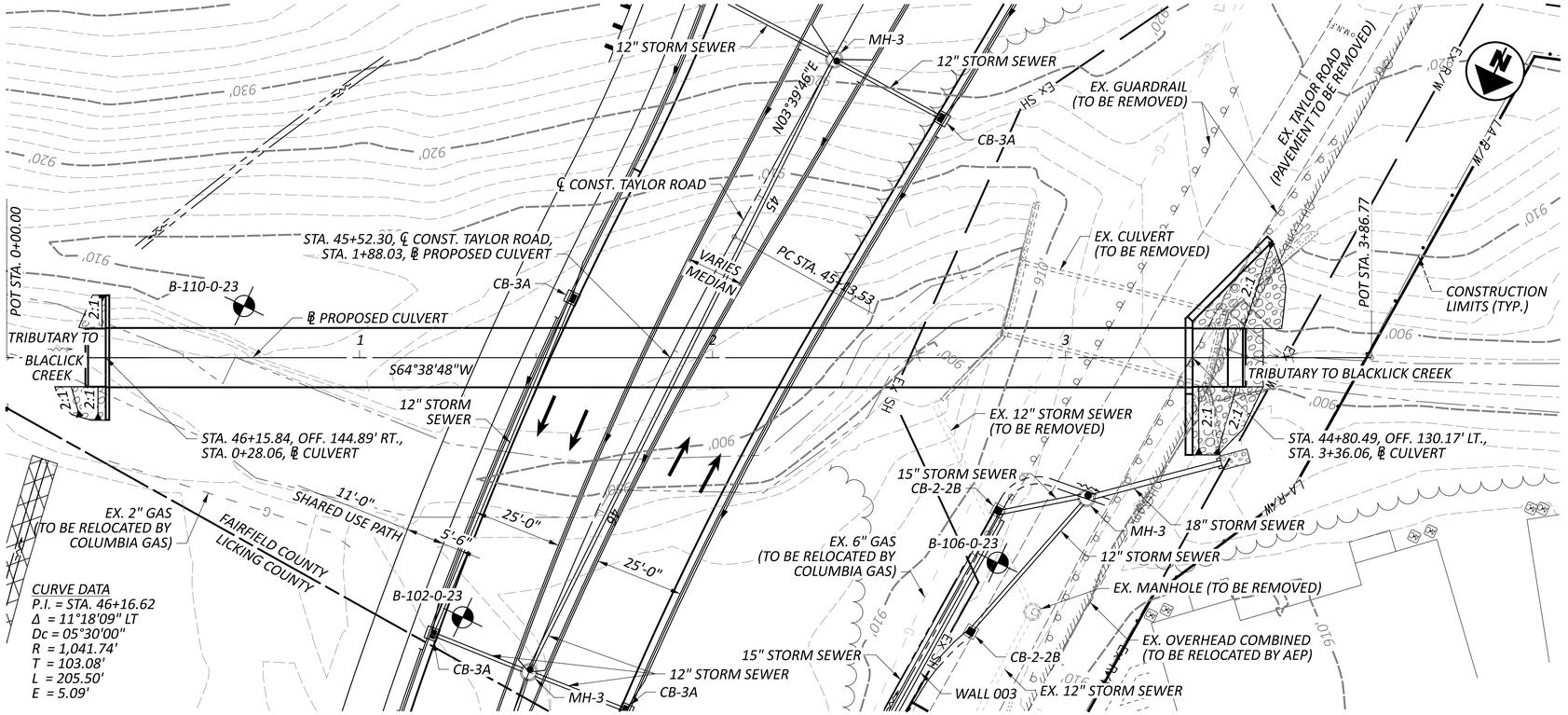
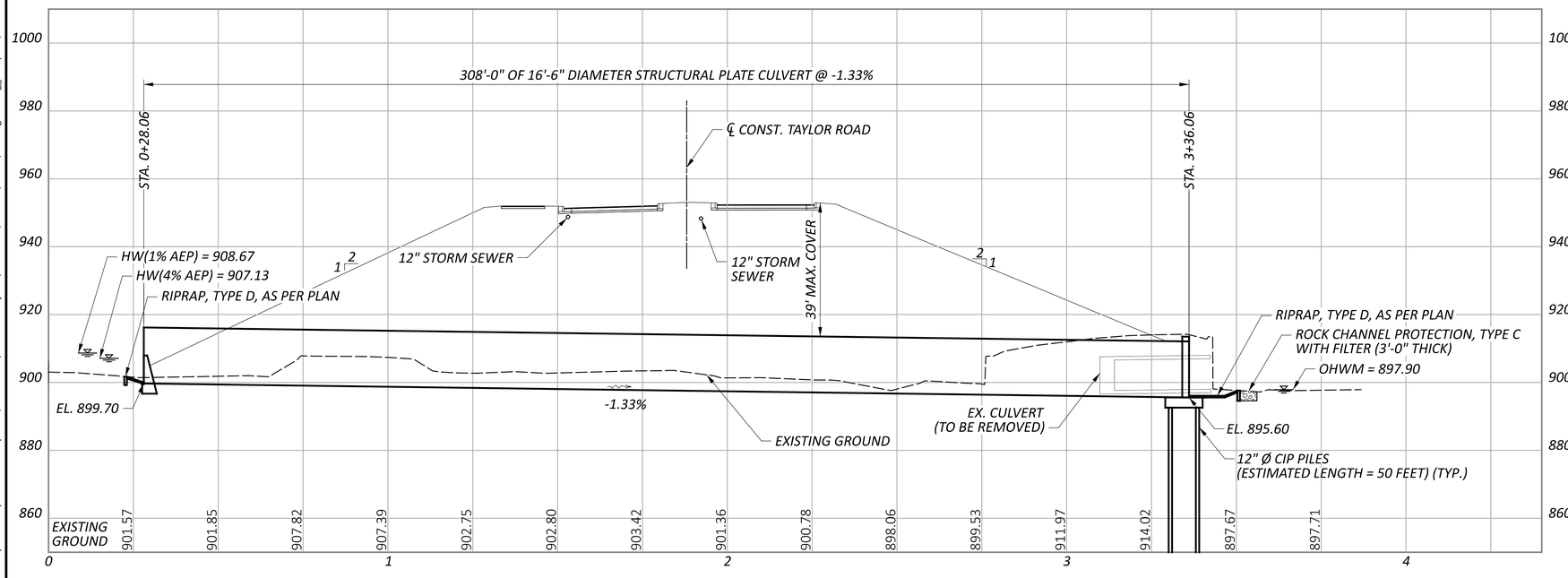
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
PIER											
SUB-TOTAL											

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
SUPERSTRUCTURE											



PLAN



PROFILE ALONG ℄ CULVERT

BENCHMARK DATA

C.P. 2010 IR 70 STA. 83+89.09, ELEV. 893.59, OFFSET 128.57' LT.
C.P. 2011 IR 70 STA. 129+97.67, ELEV. 961.36, OFFSET 128.33' LT.

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLANS

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:

2030 ADT =	18,460	2030 ADTT =	554
2050 ADT =	24,650	2050 ADTT =	740
DIRECTIONAL DISTRIBUTION =	0.53		

LEGEND

BORING LOCATION

HYDRAULIC DATA

DRAINAGE AREA = 1.88 SQ. MILES

Q (4% AEP) =	539 CFS	V (4% AEP) =	8.95 FT/S
Q (1% AEP) =	787 CFS	V (1% AEP) =	10.79 FT/S

EXISTING STRUCTURE

TYPE: 20'± X 10'± PRECAST CONCRETE BOX CULVERT

SPANS: 20'-0"± (NORMAL TO ℄ CULVERT)
ROADWAY: 16'-0"±
LOADING: HL-93
SKEW: 13° ± RF
WEARING SURFACE: ASPHALT
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: 3/16"±/FOOT
STRUCTURE FILE NUMBER: 2335816
DATE BUILT: 2014
DISPOSITION: TO BE REPLACED

PROPOSED STRUCTURE

TYPE: 16'-6" CORRUGATED METAL STRUCTURAL PLATE CULVERT WITH FIELD PAVING OF INVERT AND WITH REINFORCED CONCRETE HEADWALLS

SPANS: 16'-6"
ROADWAY: VARIES TOE/TOE CURB
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: 28°24'30.17" RF
WEARING SURFACE: ASPHALT
APPROACH SLABS: NONE
ALIGNMENT: 11°18'09" CURVE LEFT
CROWN: 0.016 FT/FT

COORDINATES: LATITUDE 39°56'19.64" N
LONGITUDE 82°46'22.59" W

SITE PLAN
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN	2335817
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	1
TOTAL	7
SHEET	P.1790
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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ESTIMATED QUANTITIES				CALCULATED BY:	DATE:	
				CHECKED BY:	DATE:	
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION		SEE SHEET NO.
202	11002	LS	-	STRUCTURE REMOVED, OVER 20 FOOT SPAN		
503	11100	LS	-	COFFERDAMS AND EXCAVATION BRACING		
503	21100		CY	UNCLASSIFIED EXCAVATION		
505	11100	LS	-	PILE DRIVING EQUIPMENT MOBILIZATION		
507	00500		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN		
507	00550		FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED		
509	26000		LB	GALVANIZED STEEL REINFORCEMENT		
511	46010		CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING		
511	46510		CY	CLASS QC1 CONCRETE, FOOTING		
512	10050		SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)		
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE		
518	40012		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		
523	20000		EACH	DYNAMIC LOAD TESTING		
601	11001		SY	RIPRAP, TYPE D, AS PER PLAN		2 / 6
601	32200		CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		
611	96560		FT	CONDUIT, WITH FIELD PAVING OF PIPE, 16'-6" DIA., TYPE A, 707.03		2 / 6

STANDARD DRAWINGS:

REFER TO THE FOLLOWING STANDARD DRAWINGS:

DM-1.1	*REVISED*	*1/17/2025*
HW-2.1	*REVISED*	*7/15/2022*

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

OPERATIONAL IMPORTANCE:

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

CONCRETE REINFORCEMENT:
GALVANIZED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI

DESIGN LOADING:

HL-93
FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/FT²

PILE DESIGN LOADS (FRICTION PILES):

THE ULTIMATE BEARING VALUE IS 275 KIPS PER PILE FOR THE HEADWALL PILES.

HEADWALL PILES:
12" C.I.P. PILES 45 FEET LONG, ORDER LENGTH
1 DYNAMIC LOAD TESTING ITEM

PROVIDE PLAIN CYLINDRICAL CASINGS WITH A MINIMUM PILE WALL THICKNESS OF 0.375 INCH FOR THE CAST-IN-PLACE REINFORCED CONCRETE PILES.

ITEM 601 - RIPRAP, TYPE D, AS PER PLAN:

CONSTRUCT A RIPRAP CUTOFF WALL PER DM-1.1 AT THE INLET.
CONSTRUCT A RIPRAP CUTOFF WALL PER DM-1.1 AND AS DETAILED ON SHEET 6 OF 6 AT THE OUTLET.

ITEM 611 - CONDUIT, WITH FIELD PAVING OF PIPE, 16'-6" DIA., TYPE A, 707.03:

ANCHOR BOLTS FOR ANCHORING BOTH ENDS OF THE METAL PIPE, MEETING ASTM A307 AND GALVANIZED ACCORDING TO ASTM A153, SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM.

ABBREVIATIONS:

APPR.	*APPROACH*
B	*BOTTOM*
BRG.	*BEARING*
℄	*CENTERLINE*
CIP	*CAST-IN-PLACE*
CONST.	*CONSTRUCTION*
Ø	*DIAMETER*
DWG.	*DRAWING*
E.F.	*EACH FACE*
EL.	*ELEVATION*
ELEV.	*ELEVATION*
EQ.	*EQUAL*
EXT.	*EXTERIOR*
EX.	*EXISTING*
F.A.	*FORWARD ABUTMENT*
F.F.	*FAR FACE*
FTG.	*FOOTING*
F/F	*FACE TO FACE*
INT.	*INTERIOR*
LF.	*LEFT*
MAX.	*MAXIMUM*
MIN.	*MINIMUM*
N.F.	*NEAR FACE*
NPCPP	*NON-PERFOARATED CORRUGATED PLASTIC PIPE*
PCPP	*PERFORATED CORRUGATED PLASTIC PIPE*
PROP.	*PROPOSED*
O/O	*OUT TO OUT*
P.E.J.F.	*PREFORMED EXPANSION JOINT FILLER*
R.A.	*REAR ABUTMENT*
RT.	*RIGHT*
SPA.	*SPACE*
STA.	*STATION*
STD.	*STANDARD*
T	*TOP*
TYP.	*TYPICAL*

GENERAL NOTES & ESTIMATED QUANTITIES
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER BEH | CHECKER CCJ
REVIEWER ERK 05-01-25
PROJECT ID 96808
SUBSET 2 | TOTAL 7
SHEET P.1791 | TOTAL P.2024

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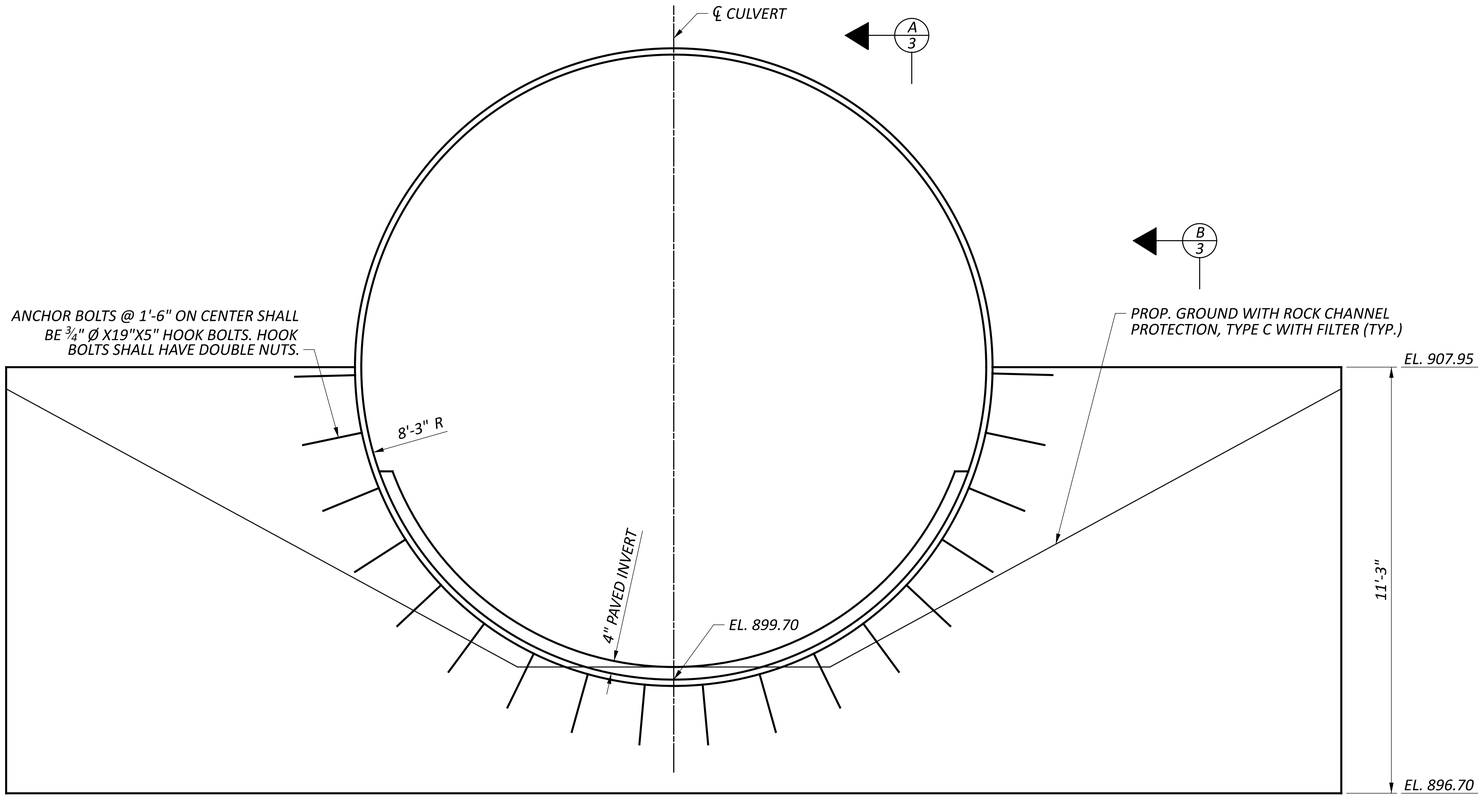

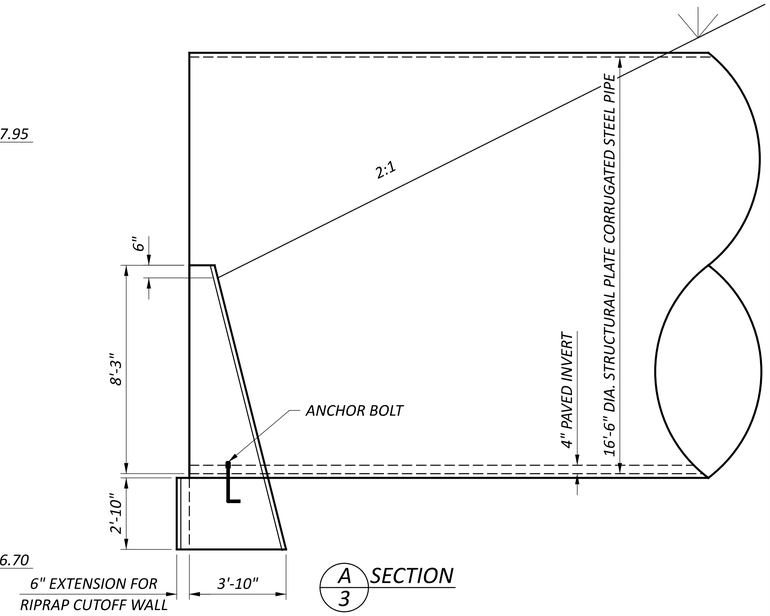

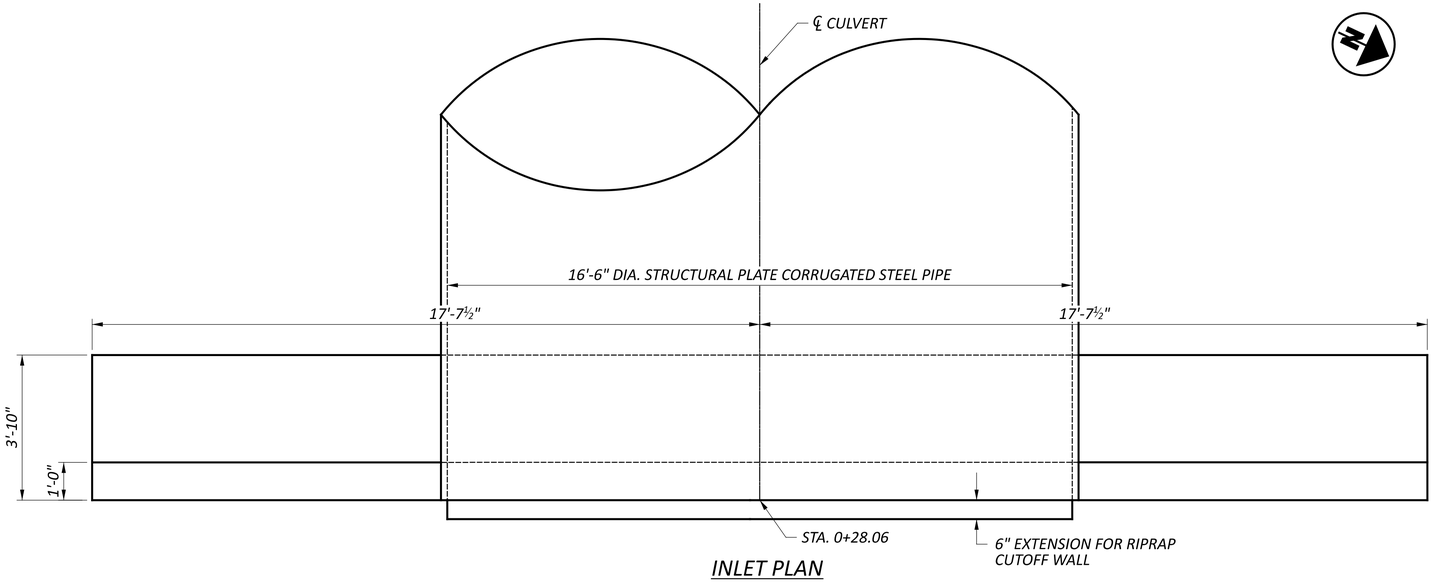

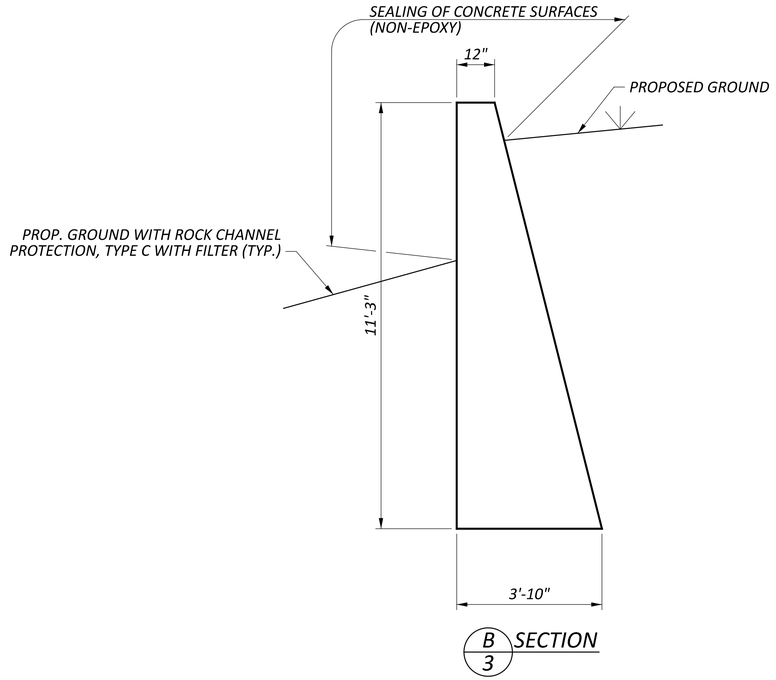

INLET HEADWALL ELEVATION
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	CHECKER
BEH	CCJ

REVIEWER: ERK 05-01-25

PROJECT ID: 96808

SUBSET	TOTAL
3	7

SHEET	TOTAL
P.1792	P.2024

FAI/LIC-IR 70-0.00/0.00

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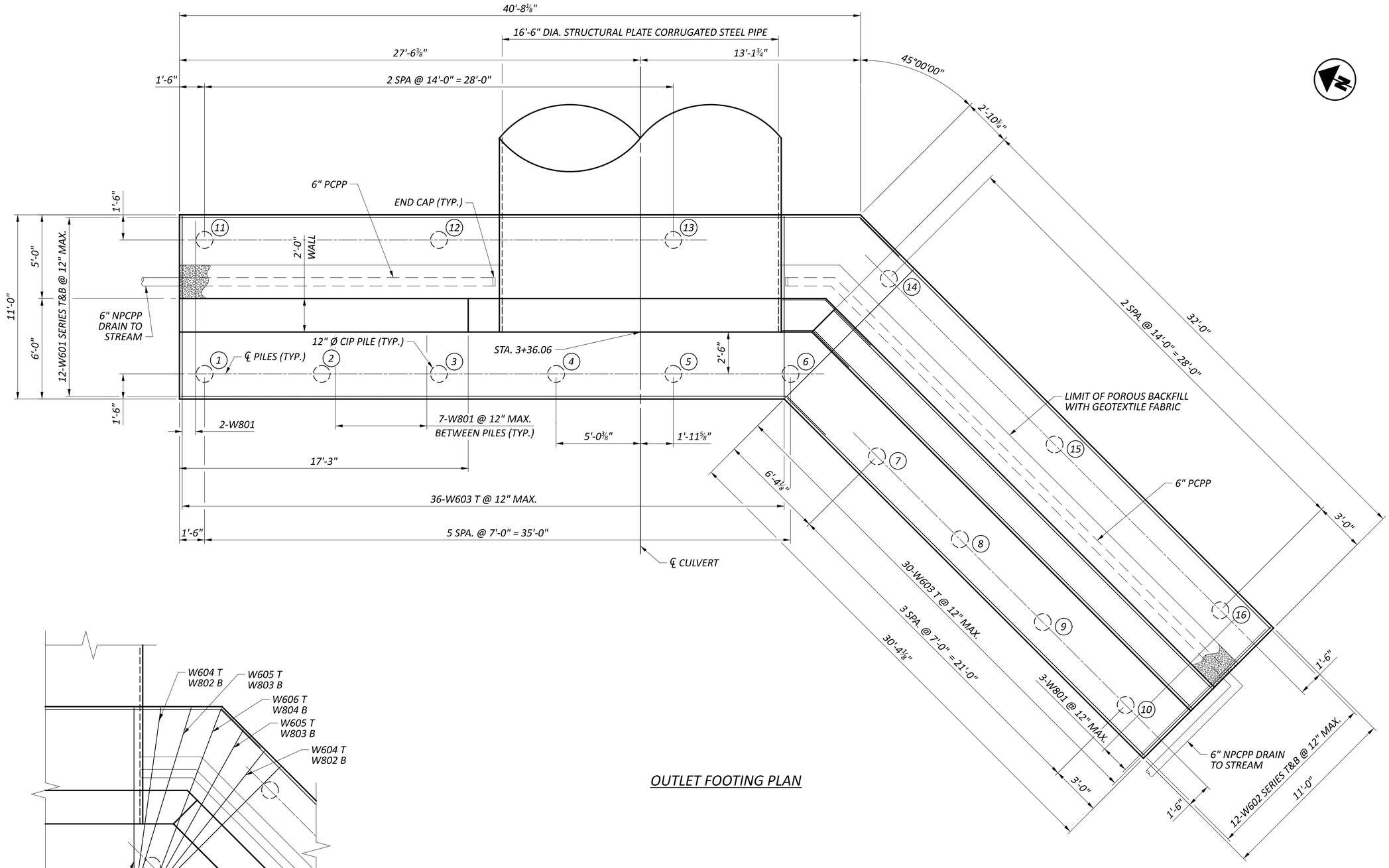

OUTLET FOOTING PLAN

FOOTING PLAN BEND REBAR DETAIL

LEGEND:

(1) - 12" CAST-IN-PLACE REINFORCED CONCRETE PILE NUMBER

NOTES:

1. MINIMUM LAP LENGTH: #5 BAR = 2'-5"

OUTLET FOOTING PLAN
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN	2335817
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	4
TOTAL	7
SHEET	P.1793
TOTAL	P.2024

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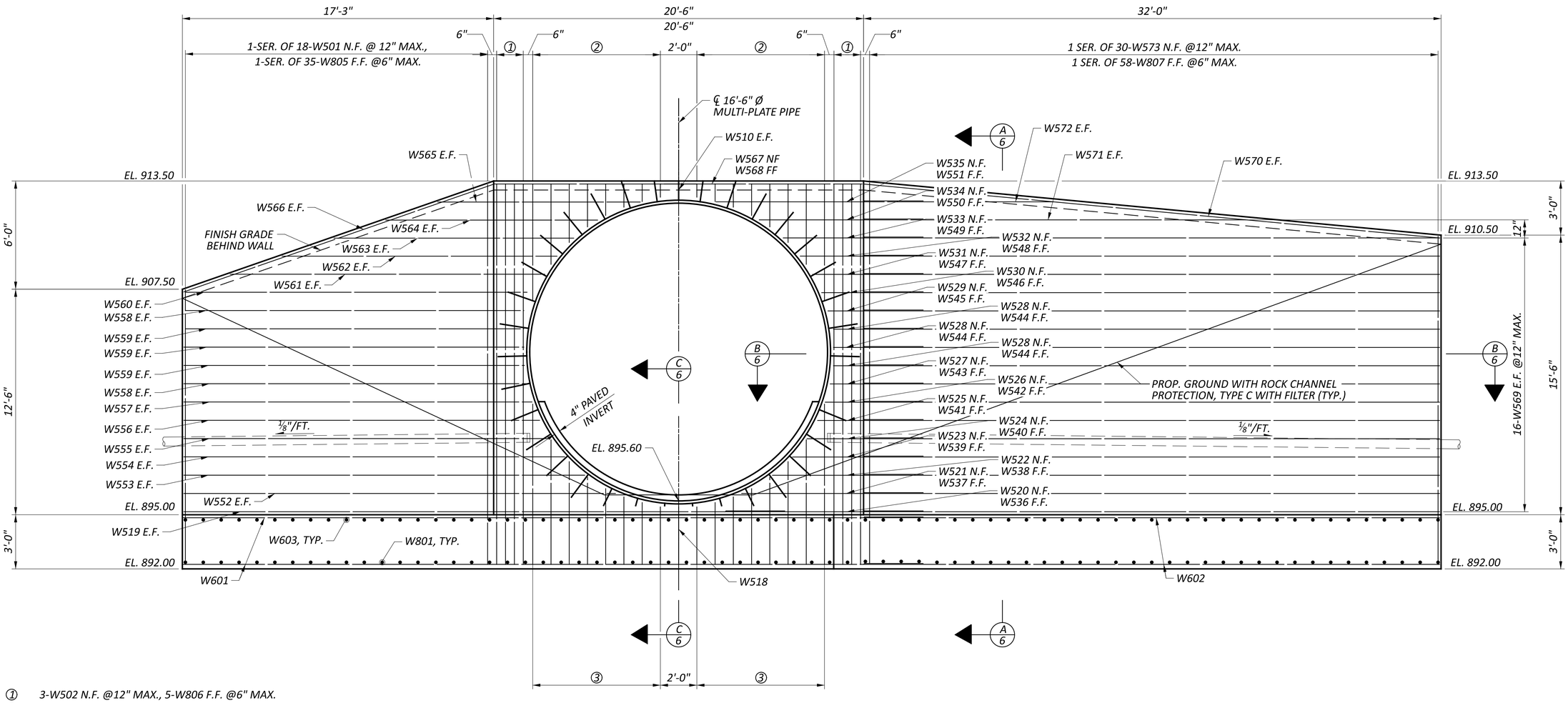

① 3-W502 N.F. @12" MAX., 5-W806 F.F. @6" MAX.
② 1-W503 THRU 1-W510 E.F. @12" MAX.
③ 1-W511 THRU 1-W518 E.F. @12" MAX.

OUTLET HEADWALL
(DEVELOPED VIEW)

NOTES:

1. ANCHORS AROUND CIRCUMFERENCE OF PIPE AT HEADWALL 18" ON CENTER SHALL BE ¾" Ø X 19"X5" HOOK BOLTS. HOOK SHALL BE CUT OFF AS NECESSARY TO ACCOMMODATE THE HEADWALL FOOTING NEAR THE INVERT OF THE PIPE. DOUBLE NUT EACH BOLT.
2. MIN. LAP LENGTH: #5 BAR = 3'-1"

OUTLET HEADWALL ELEVATION
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER BEH | CHECKER CCJ
REVIEWER ERK 05-01-25
PROJECT ID 96808
SUBSET 5 | TOTAL 7
SHEET P.1794 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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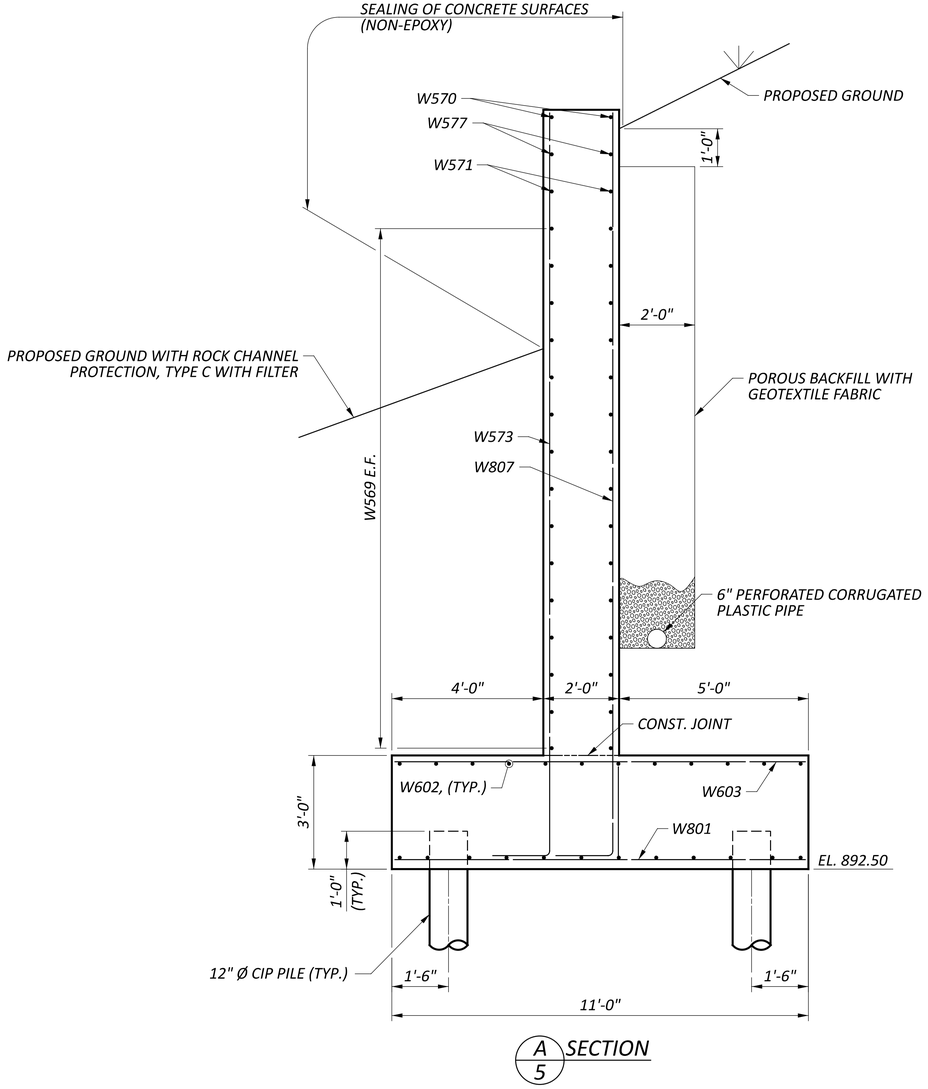

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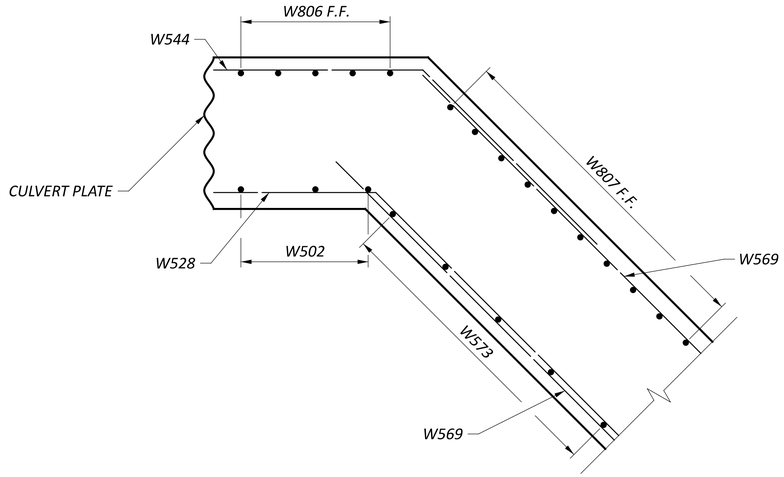
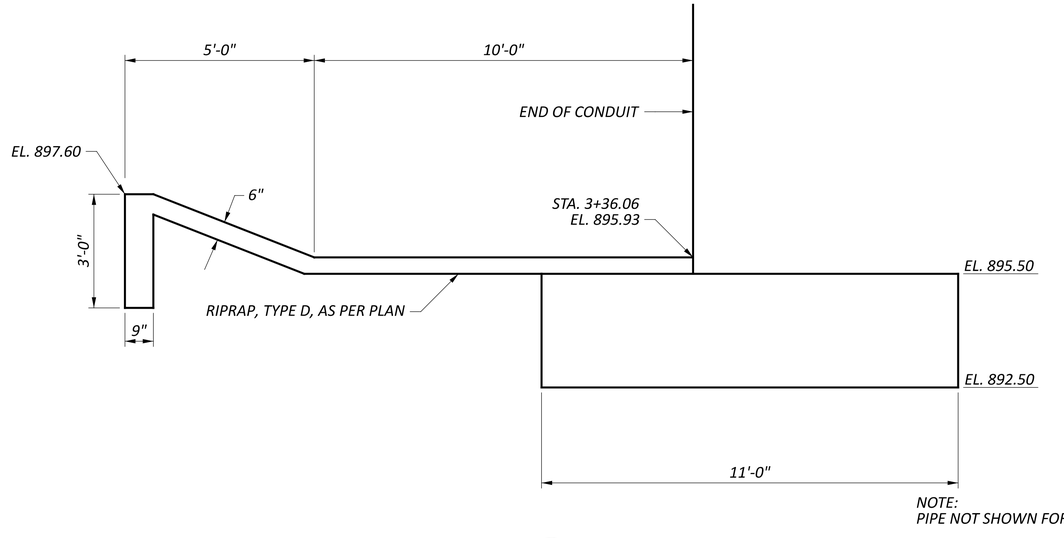


B 5 SECTION



NOTE:
PIPE NOT SHOWN FOR CLARITY

C 5 SECTION

NOTES:

1. ANCHORS AROUND CIRCUMFERENCE OF PIPE AT HEADWALL 18" ON CENTER SHALL BE ¾" Ø X 19"X5" HOOK BOLTS. HOOK SHALL BE CUT OFF AS NECESSARY TO ACCOMMODATE THE HEADWALL FOOTING NEAR THE INVERT OF THE PIPE. DOUBLE NUT EACH BOLT.

OUTLET HEADWALL DETAILS
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 7:46:57 AM USER: bhodgson
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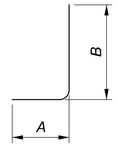
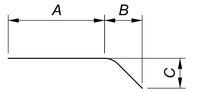
SFN	2335817
DESIGN AGENCY	COMPASS INFRASTRUCTURE GROUP
DESIGNER	BEH
CHECKER	CCJ
REVIEWER	ERK 05-01-25
PROJECT ID	96808
SUBSET	6
TOTAL	7
SHEET	P.1795
TOTAL	P.2024

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
OUTLET HEADWALL (60 KSI, GALVANIZED)											
		SUBTOTAL									

BAR BENDING DIAGRAMS



TYPE-1



TYPE-19

NOTES

1. THE BAR NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR ARE USED, INDICANTS THE BAR SIZE. FOR EXAMPLE, D601 IS A NO.6 BAR. DIMENSION ARE SHOWN OUT TO OUT UNLESS NOTED. OTHERWISE "R" INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED.
2. "STR" IN THE TYPE COLUMN INDICATES STRAIGHT BARS.
3. REFER TO C&MS 509.05 FOR STANDARD BEND DIMENSIONS.

REINFORCING LIST - 1
BRIDGE NO. FAI-TR219-00.044
TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP
DESIGNER GAO | CHECKER CCJ
REVIEWER XXX MM-DD-YY
PROJECT ID 96808
SUBSET 7 | TOTAL 7
SHEET P.1796 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

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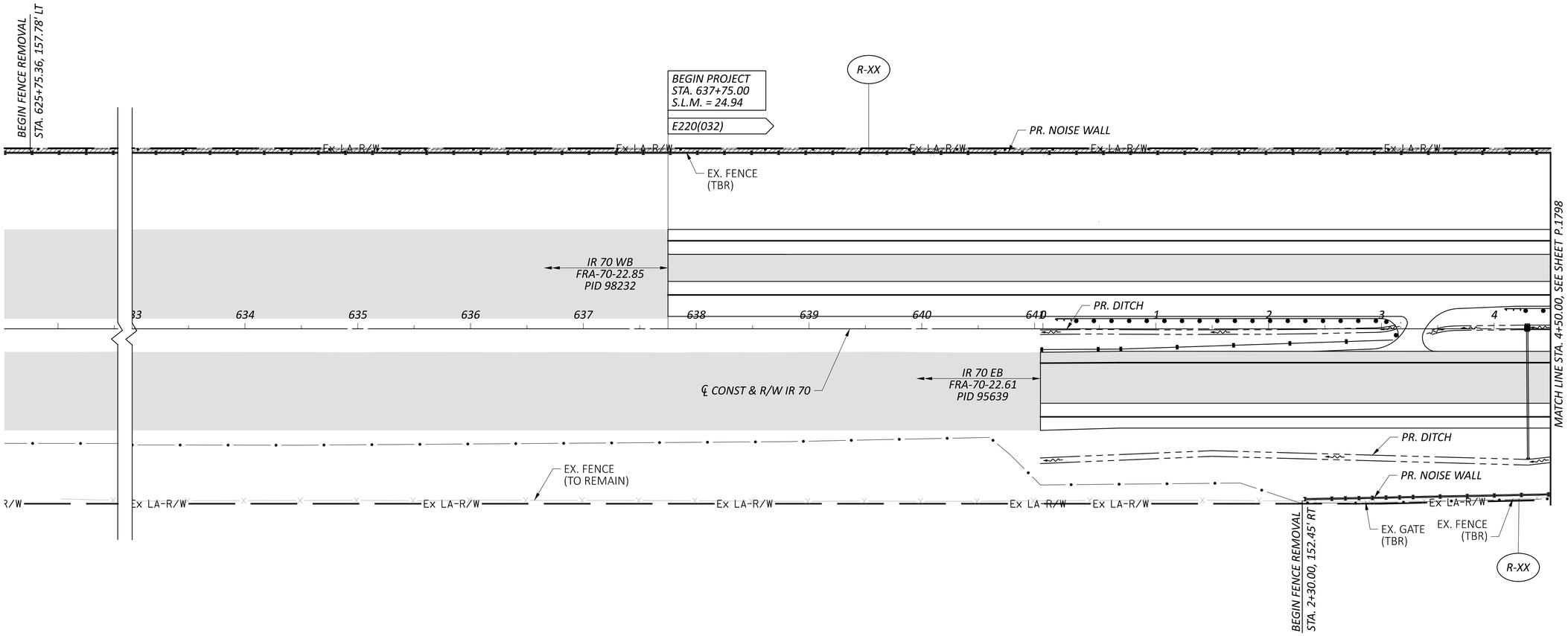
LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. # - TIE IN WITH EX. FENCE
3. INSTALL END POST ASSEMBLY ON EITHER SIDE OF THE GATE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 633+00.00 TO STA. 4+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 1 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:07:31 AM USER: aakuraju
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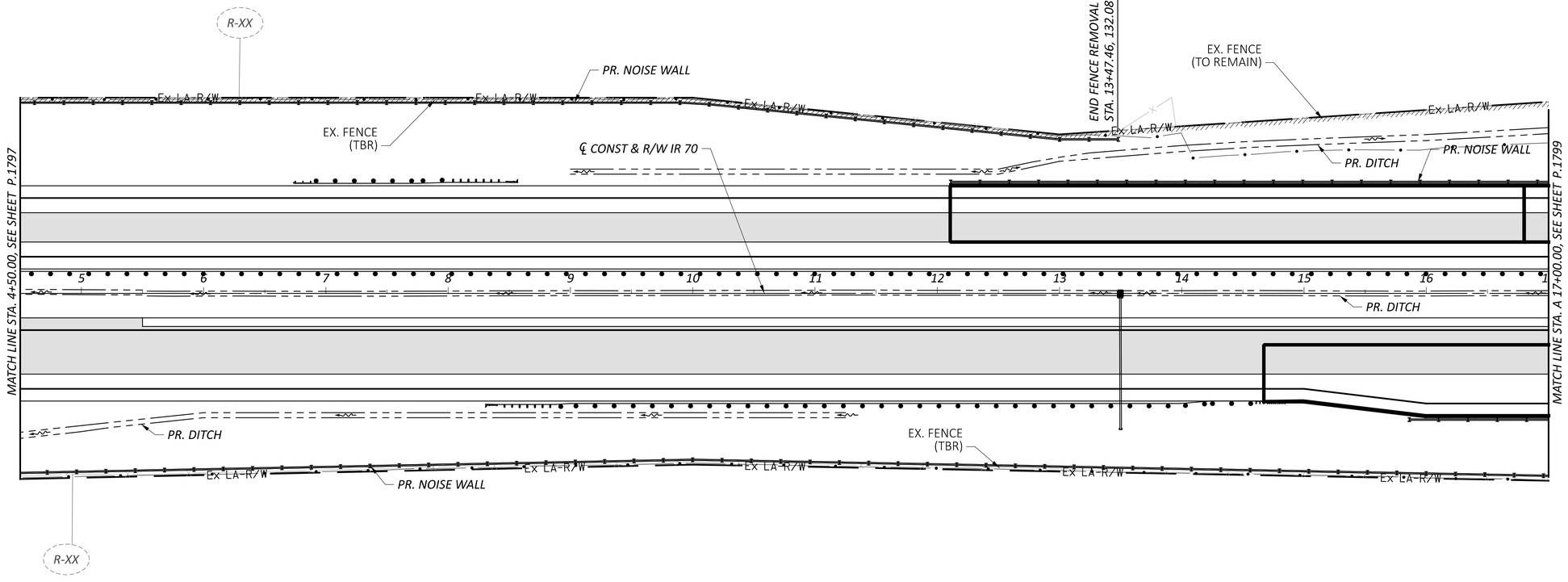
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1797
TOTAL	P.2024

LEGEND

— • — - CONSTRUCTION LIMITS
 # - TIE IN WITH EX. FENCE



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

2. # - TIE IN WITH EX. FENCE

HORIZONTAL
SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 4+50.00 TO STA. 17+00.00

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

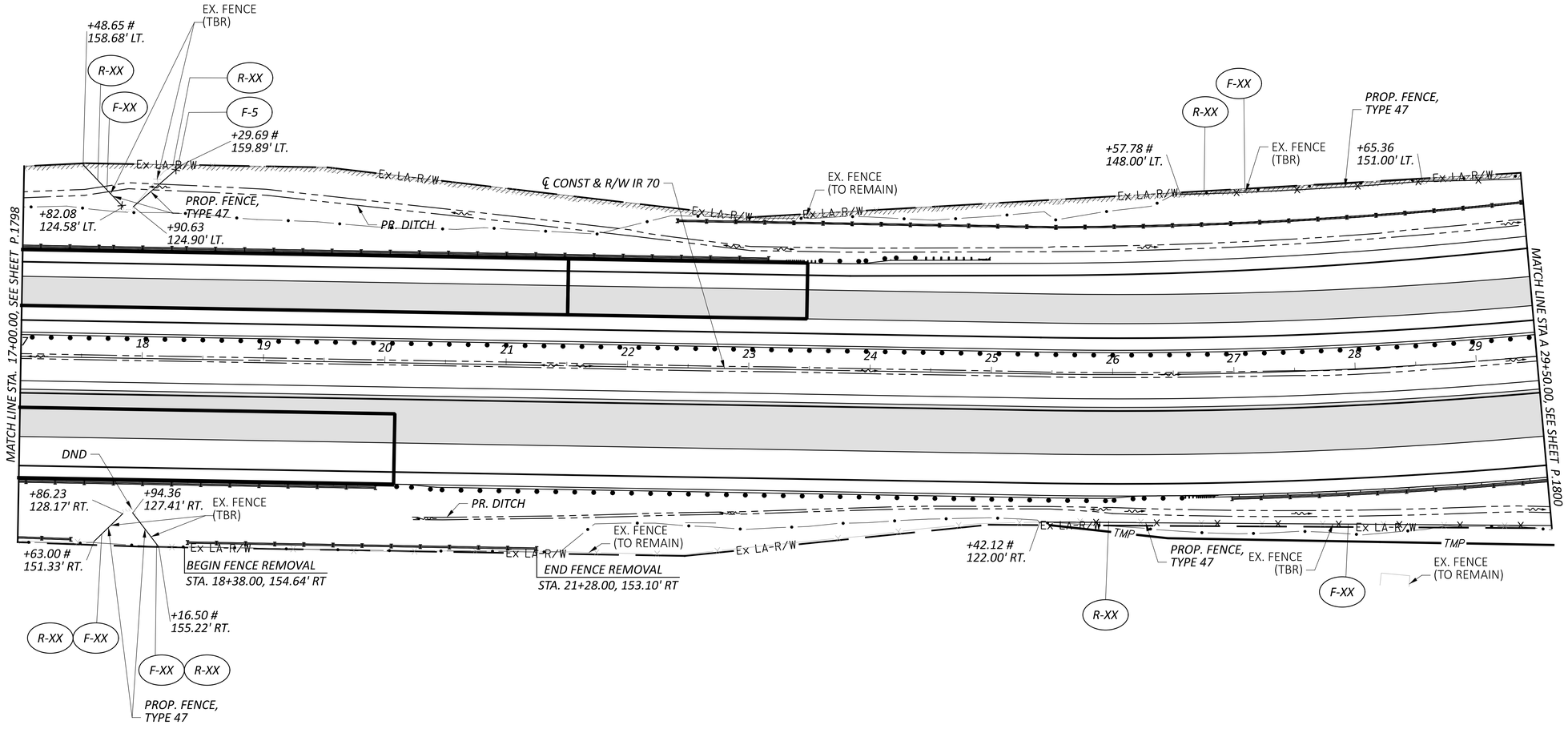
DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1798
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:07:54 AM USER: aakuraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d02-Engineering_Compass\Roadway\Sheets\96808_GX402.dgn

LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. # - TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 17+00.00 TO STA. 29+50.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1799
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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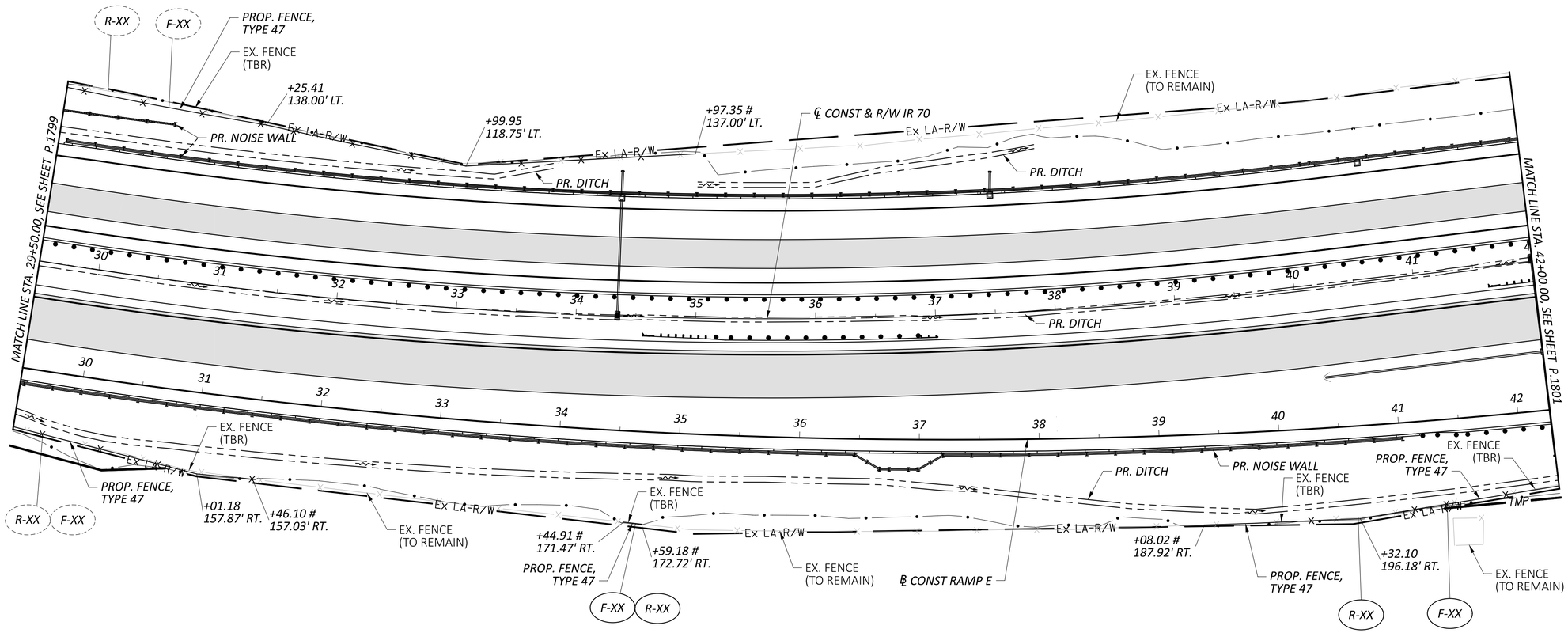
LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. # - TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 29+50.00 TO STA. 42+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:08:41 AM USER: aakuraju
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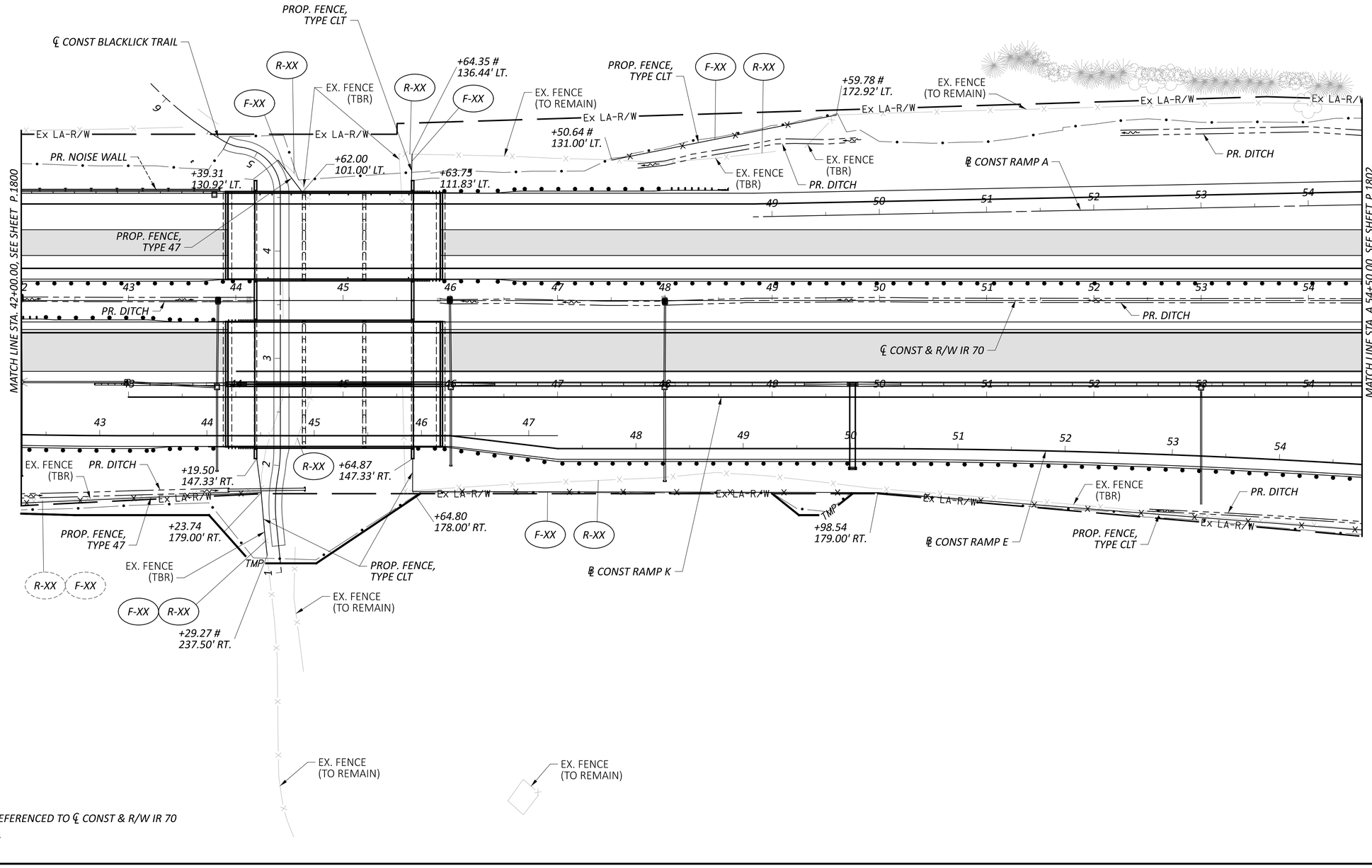
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1800
TOTAL	P.2024

LEGEND
— • — - *CONSTRUCTION LIMITS*



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

2. #TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 42+00.00 TO STA. 54+50.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1801
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:09:08 AM USER: aakuraju
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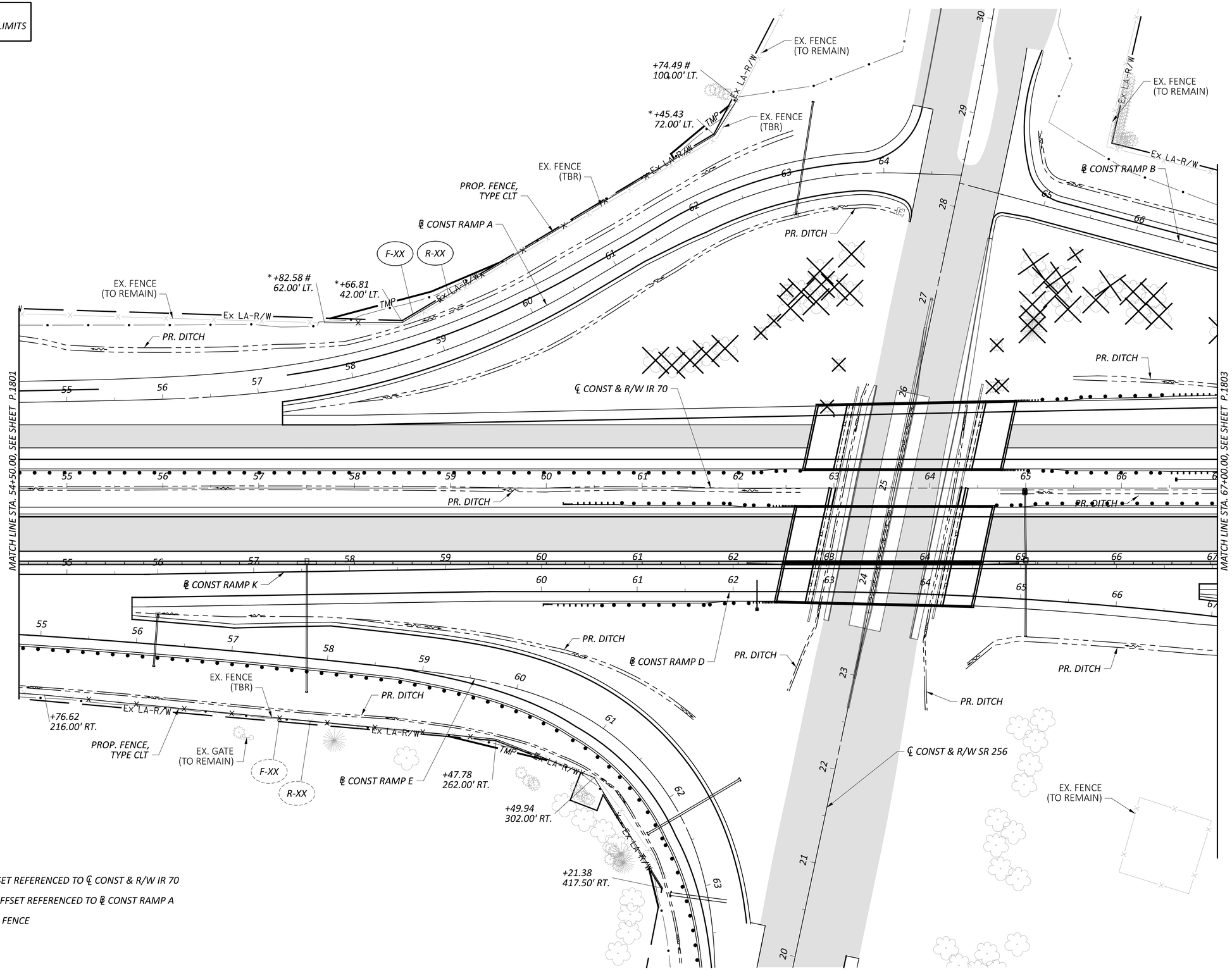

NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. * - STATION AND OFFSET REFERENCED TO ℄ CONST RAMP A
3. # - TIE IN WITH EX. FENCE

FENCING PLAN - IR 70
STA. 54+50.00 TO STA. 67+00.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1802
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:09:32 AM USER: aakuraju
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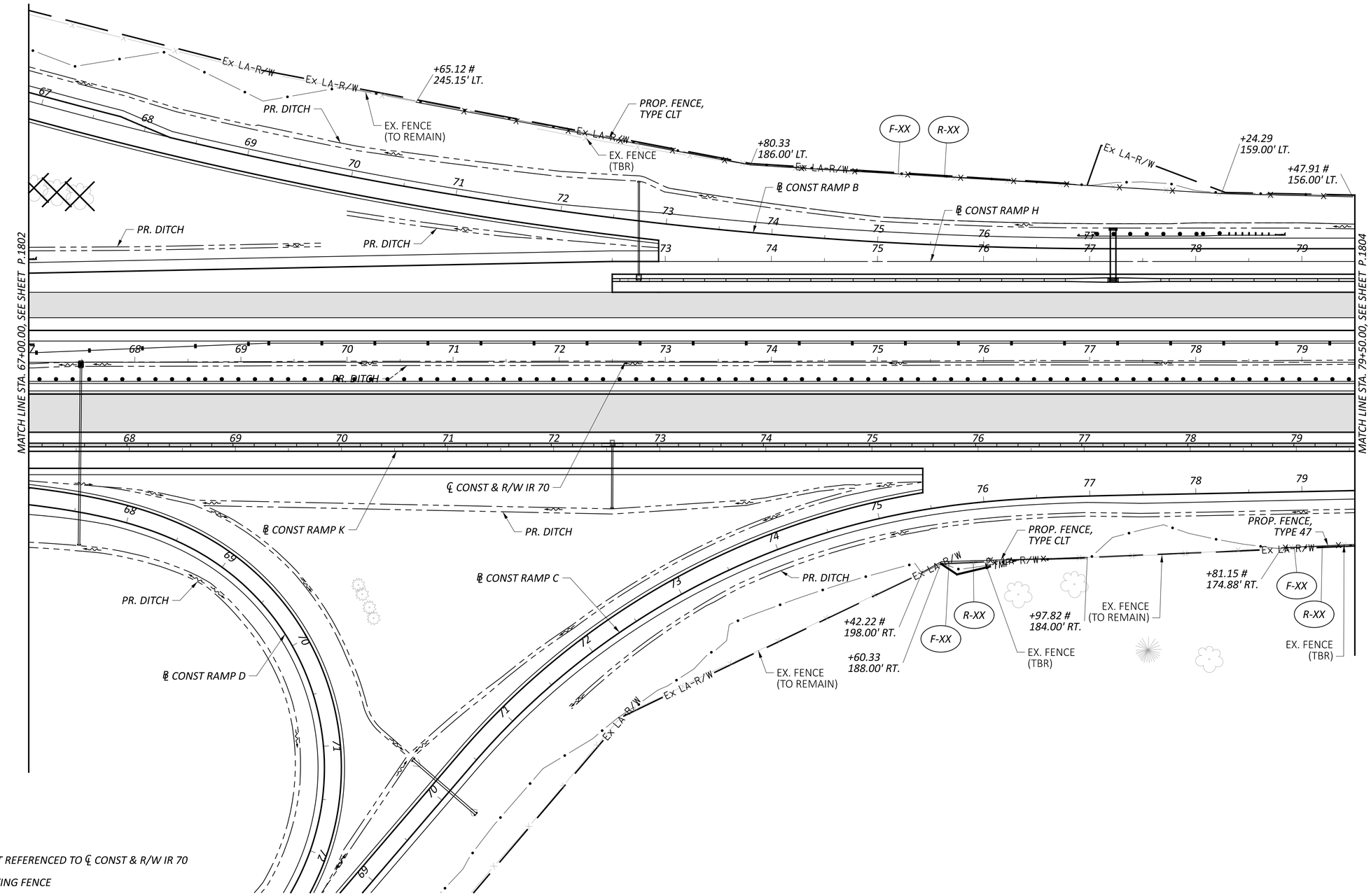
LEGEND

— • — - *CONSTRUCTION LIMITS*



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

2. # - TIE IN WITH EXISTING FENCE

HORIZONTAL
SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 67+00.00 TO STA. 79+50.00

FAI/LIC-IR 70-0.00/0.00

DESIGN AGENCY
COMPASS
INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1803
TOTAL	P.2024

MODEL: CLP_I070 - Plan 7 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:09:54 AM USER: aakuraju
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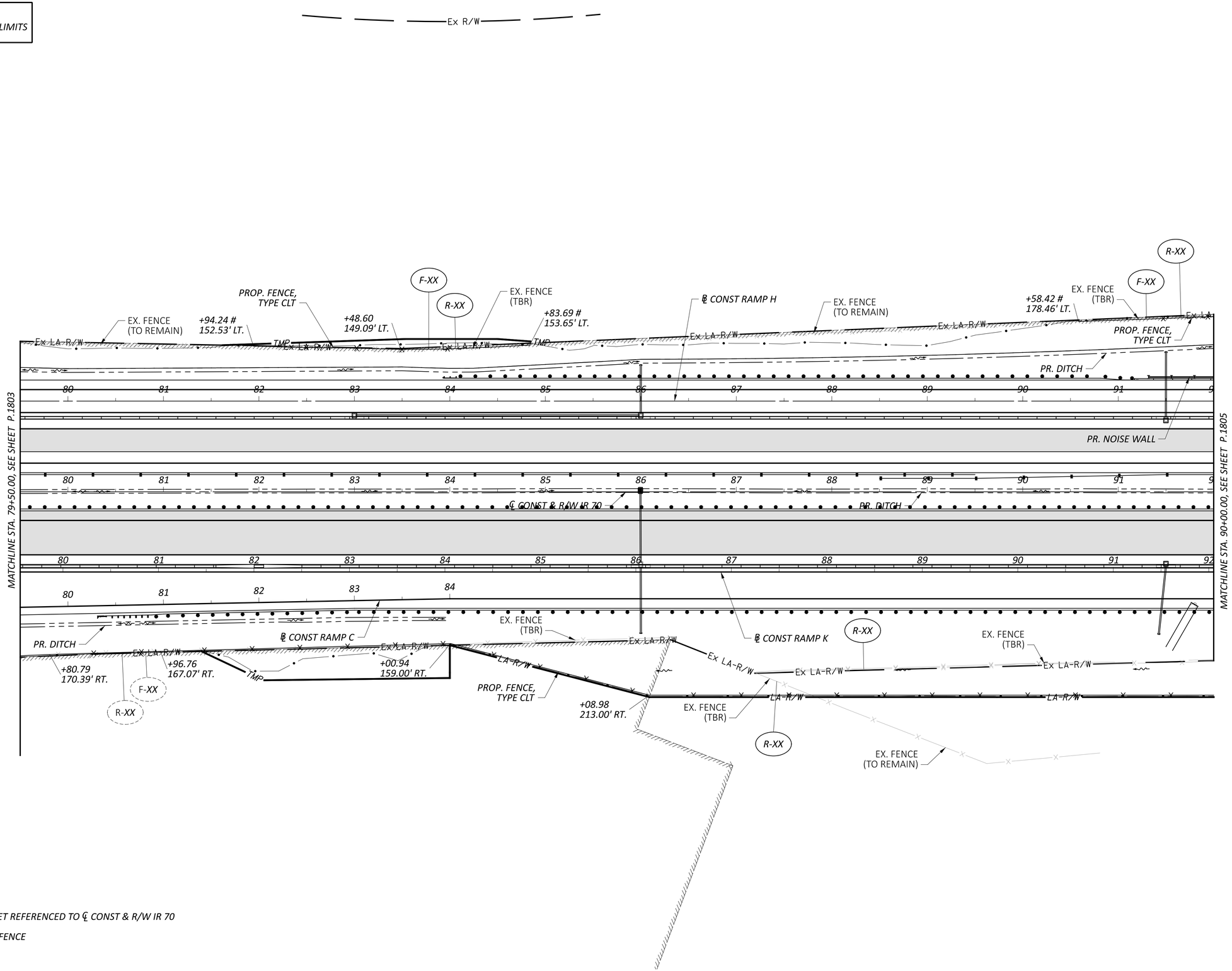
LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. # - TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA.79+50.00 TO STA. 92+00.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1804
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 8 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:10:17 AM USER: aakuraju
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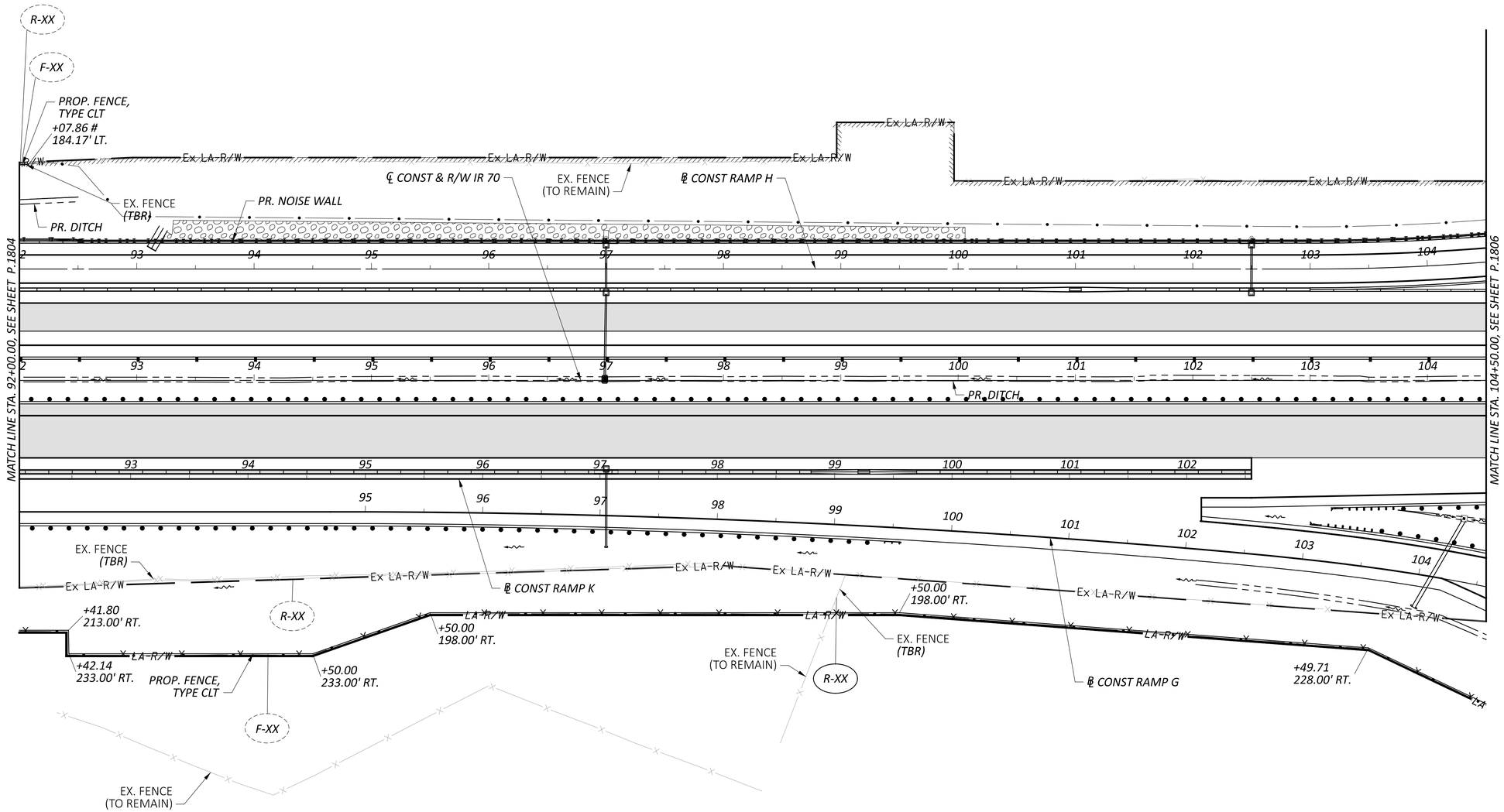
LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

- TIE IN WITH EXISTING FENCE

HORIZONTAL SCALE IN FEET

0 25 50 100

FENCING PLAN - IR 70
STA. 92+00.00 TO STA. 104+50.00

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1805
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

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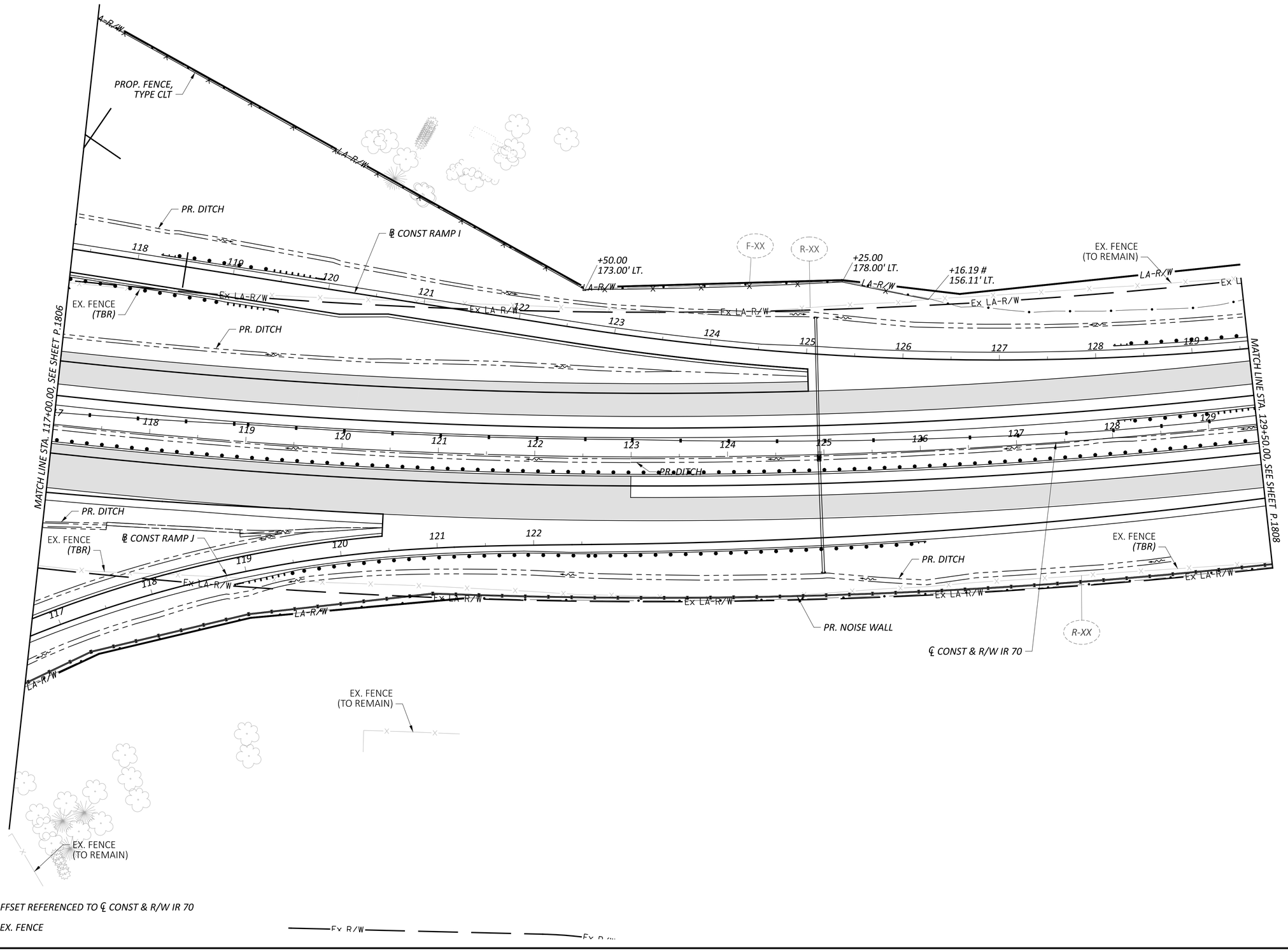
LEGEND
— • — - CONSTRUCTION LIMITS

FOR PROPOSED FENCE SEE SHEET P.1817

PROP. FENCE, TYPE CLT
* +52.27 150.42' LT.
* +99.78 172.16' LT.
* +76.02 172.23' LT.
* +44.02 171.00' LT.
F-XX
PR. DITCH
* +83.67 163.56' RT.
PR. DITCH
* +35.11 164.00' RT.
PR. DITCH
F-24
PROP. FENCE, TYPE CLT
PR. DITCH
PR. DITCH
PR. DITCH

LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70
2. # - TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 117+00.00 TO STA. 129+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 11 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:11:25 AM USER: aakuraju
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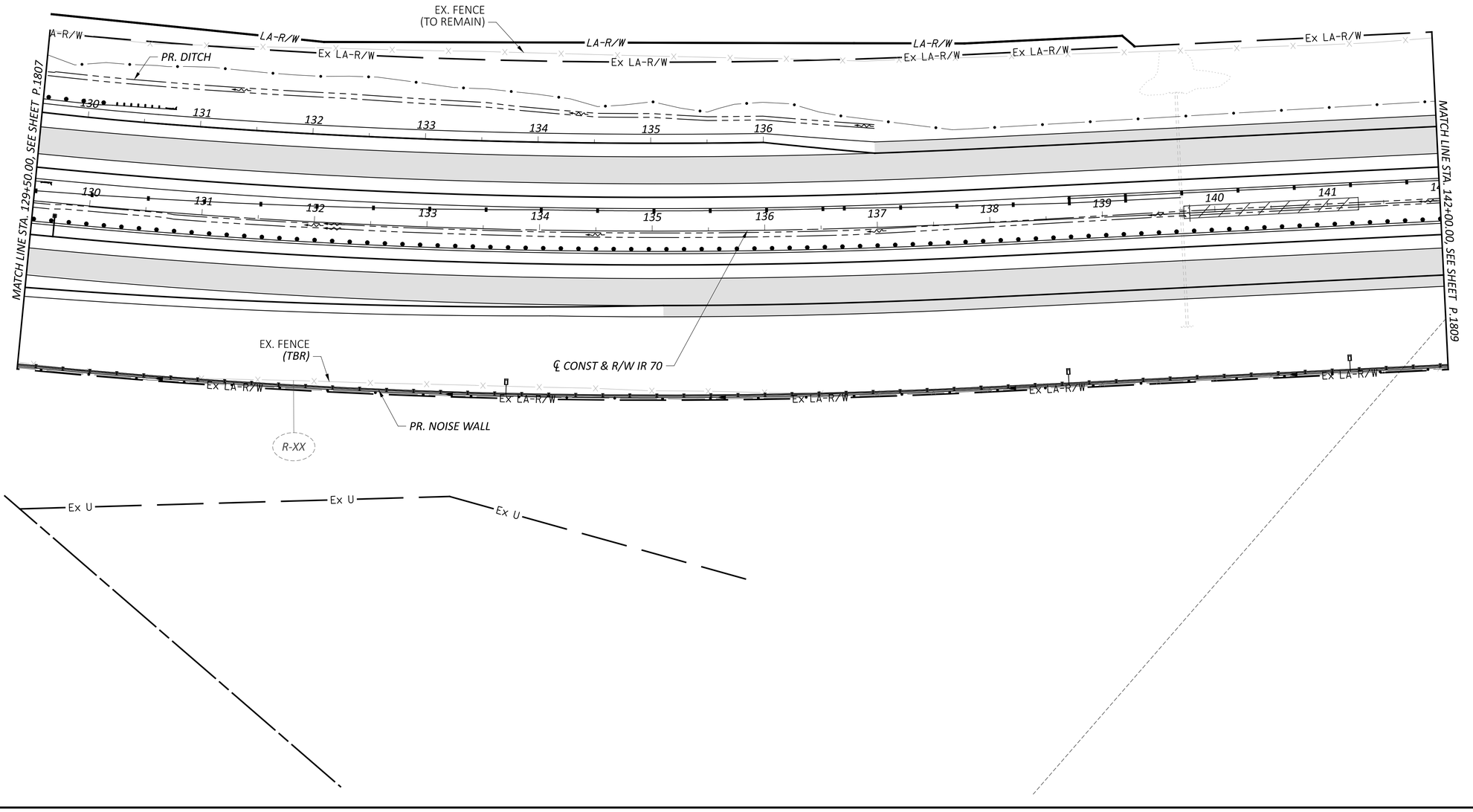
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1807
TOTAL	P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS



HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 129+50.00 TO STA. 142+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 12 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:11:34 AM USER: aakuraju
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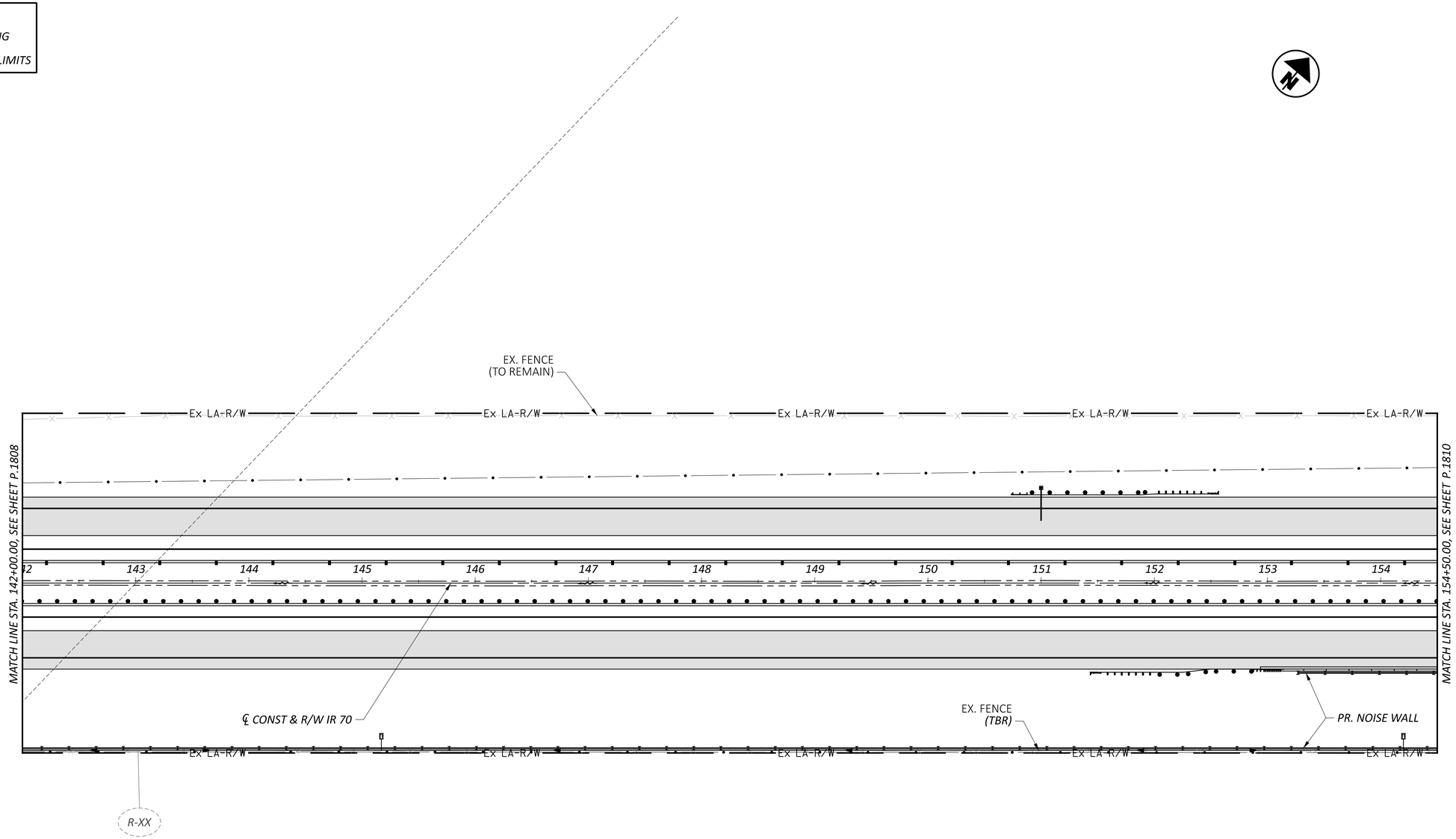
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	AA
REVIEWER	JAH 7/29/2026
PROJECT ID	96808
SHEET	P.1808
TOTAL	P.2024

LEGEND

- OVERLAY/PLANING
- CONSTRUCTION LIMITS



HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 142+00.00 TO STA. 154+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 13 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:11:42 AM USER: aakuraju
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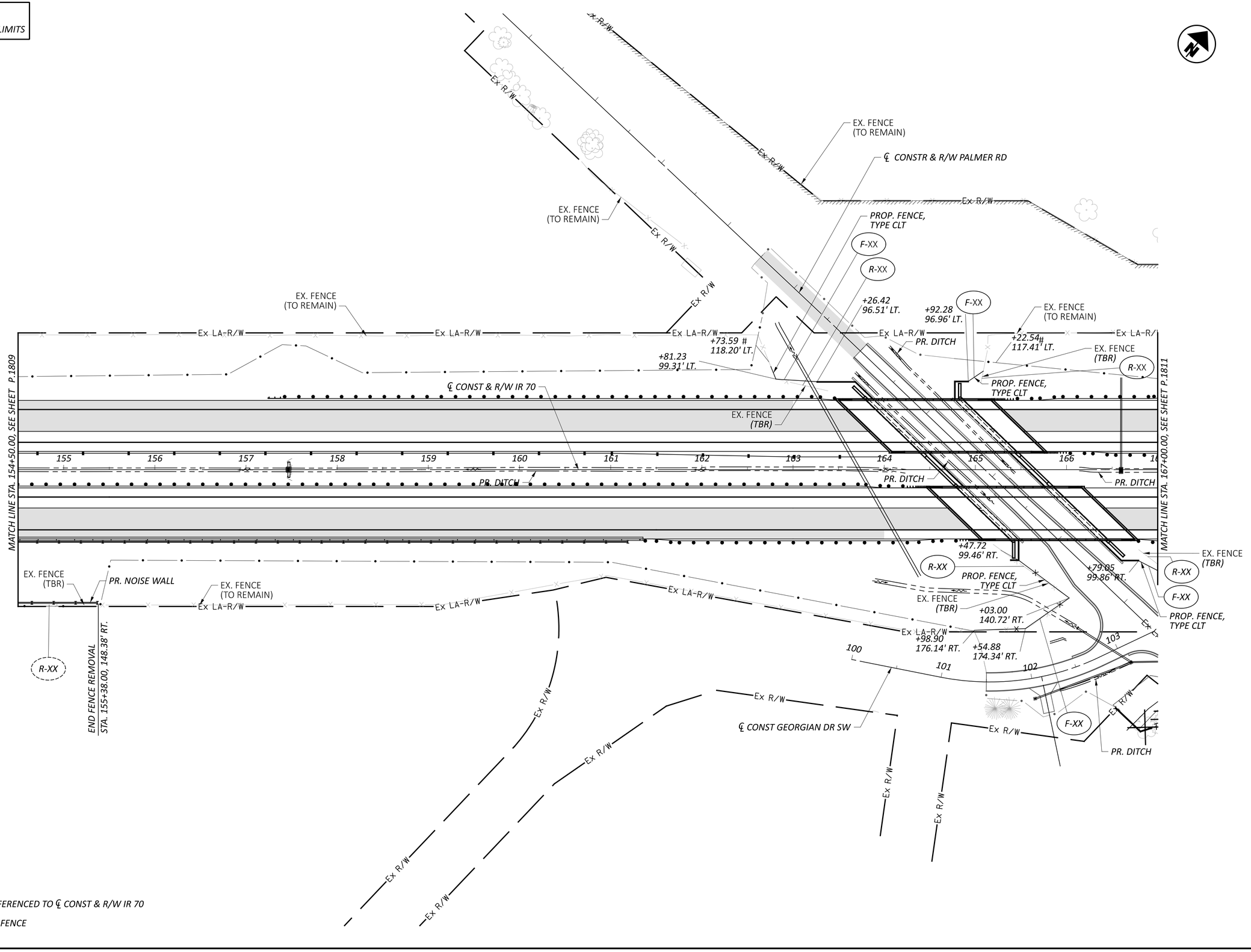
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER AA
REVIEWER JAH 7/29/2026
PROJECT ID 96808
SHEET P.1809 | TOTAL P.2024

LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

- TIE IN WITH EXISTING FENCE

HORIZONTAL SCALE IN FEET

0 25 50 100

FENCING PLAN - IR 70
STA. 154+50.00 TO STA. 167+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 14 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:00 AM USER: aakuraju
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DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1810
TOTAL	P.2024

LEGEND

— • — - *CONSTRUCTION LIMITS*

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - IR 70
STA. 167+00.00 TO STA. 179+50.00

Ex R/W
Ex LA-R/W
EX. FENCE (TO REMAIN)
℄ CONST & R/W IR 70
MATCH LINE STA. 167+00.00, SEE SHEET P.1810
167 168 169 170 171 172 173 174 175 176 177 178 179
EX. FENCE (TBR)
PROP. FENCE, TYPE CLT
R-XX
F-XX
+33.24
127.81' RT.
TMP
Ex SH
℄ CONSTR & R/W PALMER RD
PR. DITCH

NOTES:

STATION AND OFFSET REFERENCED TO ℄ CONST & R/W IR 70

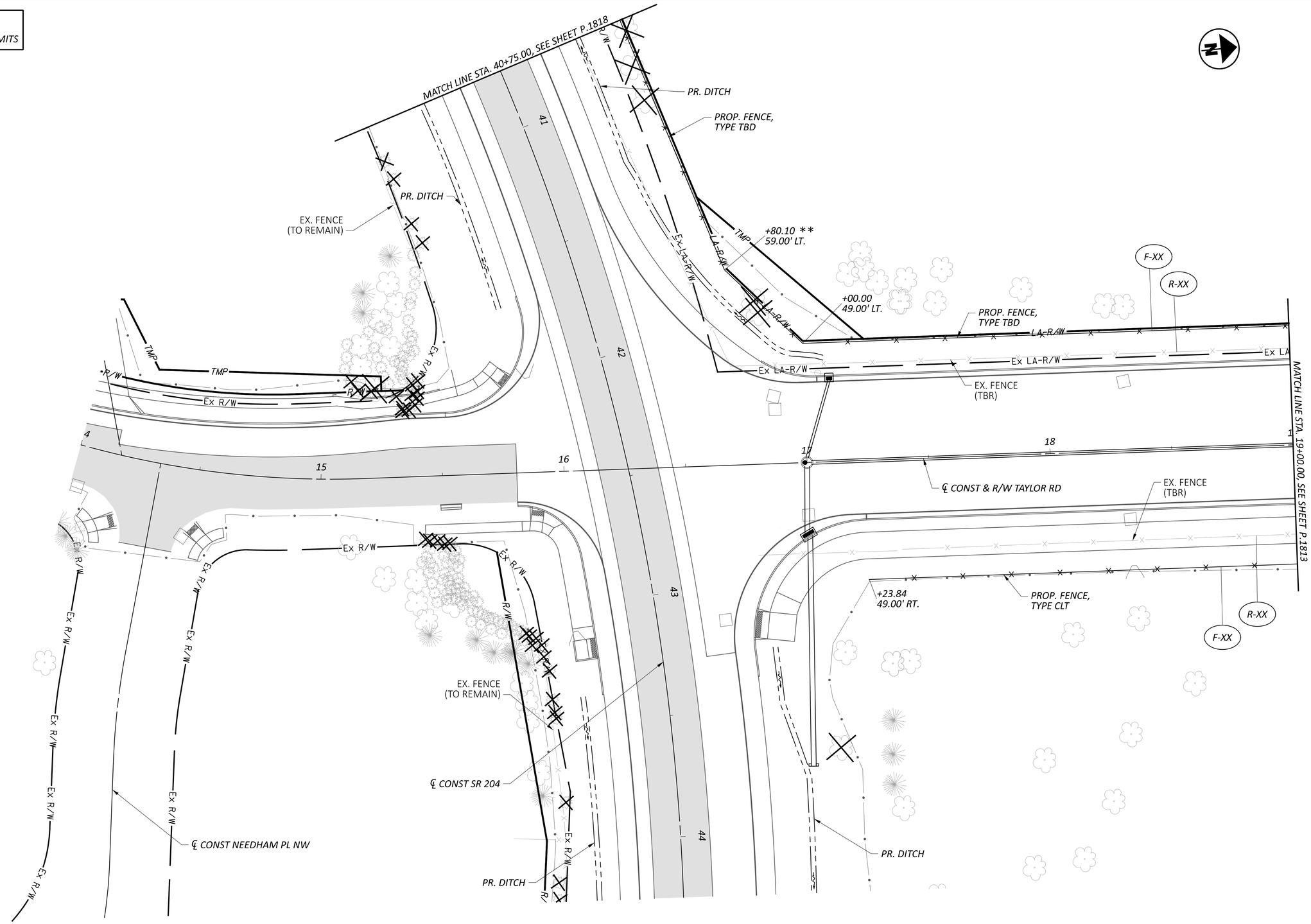
 # - TIE IN WITH EXISTING FENCE

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_I070 - Plan 15 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:21 AM USER: aakuraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\402-Engineering_Compass\Roadway\Sheets\96808_GX413.dgn

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1811
TOTAL	P.2024



NOTES:

STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

** - STATION AND OFFSET REFERENCED TO ℄ CONST SR 204

FENCING PLAN - WELLESLEY DRIVE AND TAYLOR ROAD STA. 13+33.24 TO STA. 19+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:33 AM USER: aakuraju
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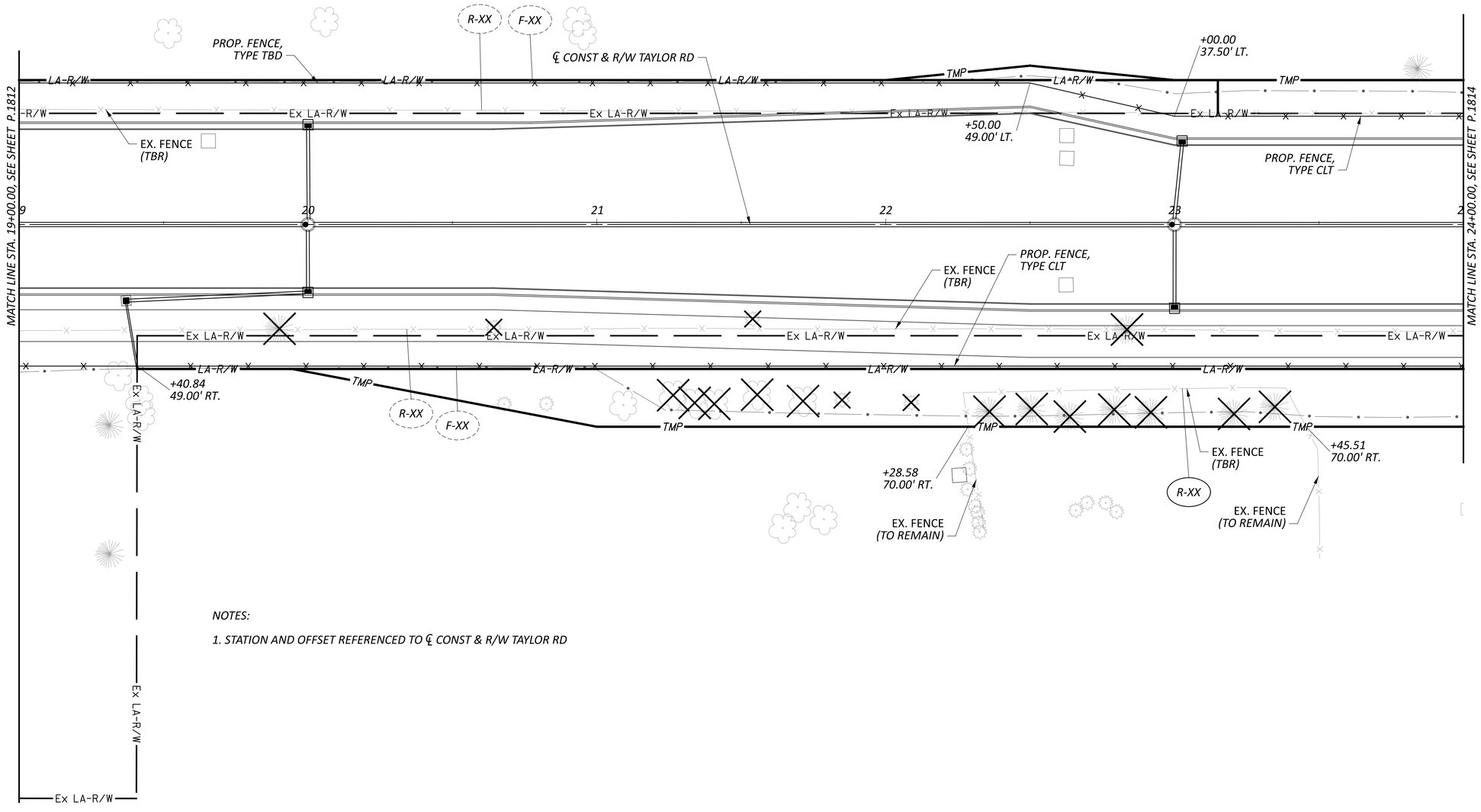
DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1812
TOTAL	P.2024

LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

FENCING PLAN - TAYLOR ROAD
STA. 19+00.00 TO STA. 24+00.00

FAI/LIC-IR 70-0.00/0.00

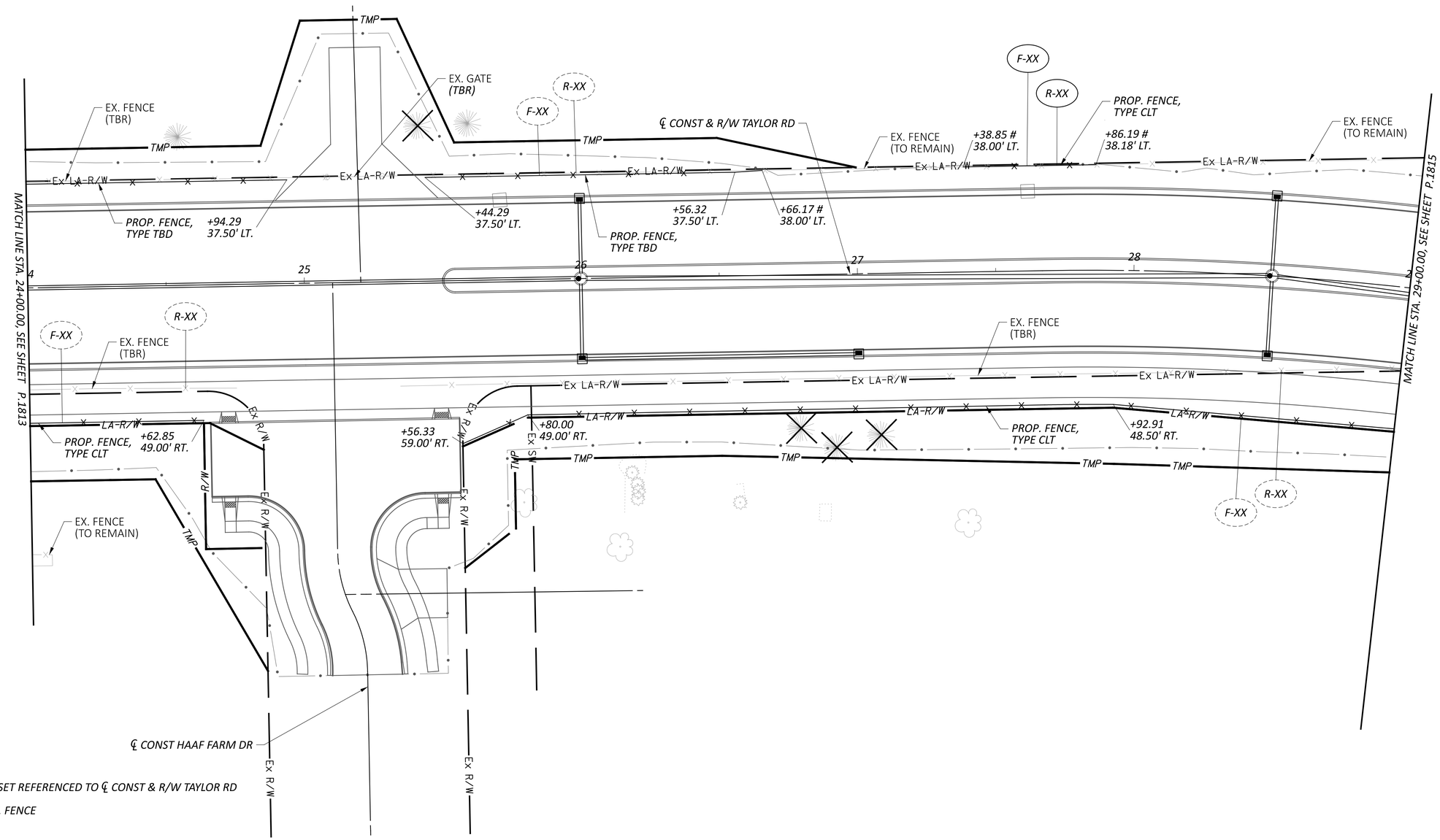
MODEL: CLP_TAYLOR - Plan 3 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:46 AM USER: aakuraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\402-Engineering_Compass\Roadway\Sheets\96808_GX454.dgn

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1813
TOTAL	P.2024

LEGEND

— • — - CONSTRUCTION LIMITS



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

2. # - TIE IN WITH EX. FENCE

HORIZONTAL SCALE IN FEET
0 10 20 40

FENCING PLAN - TAYLOR ROAD STA. 24+00.00 TO STA. 29+00.00

FAI/LIC-IR 70-0.00/0.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1814
TOTAL	P.2024

MODEL: CLP_TAYLOR - Plan 4 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:12:55 AM USER: aakuraju
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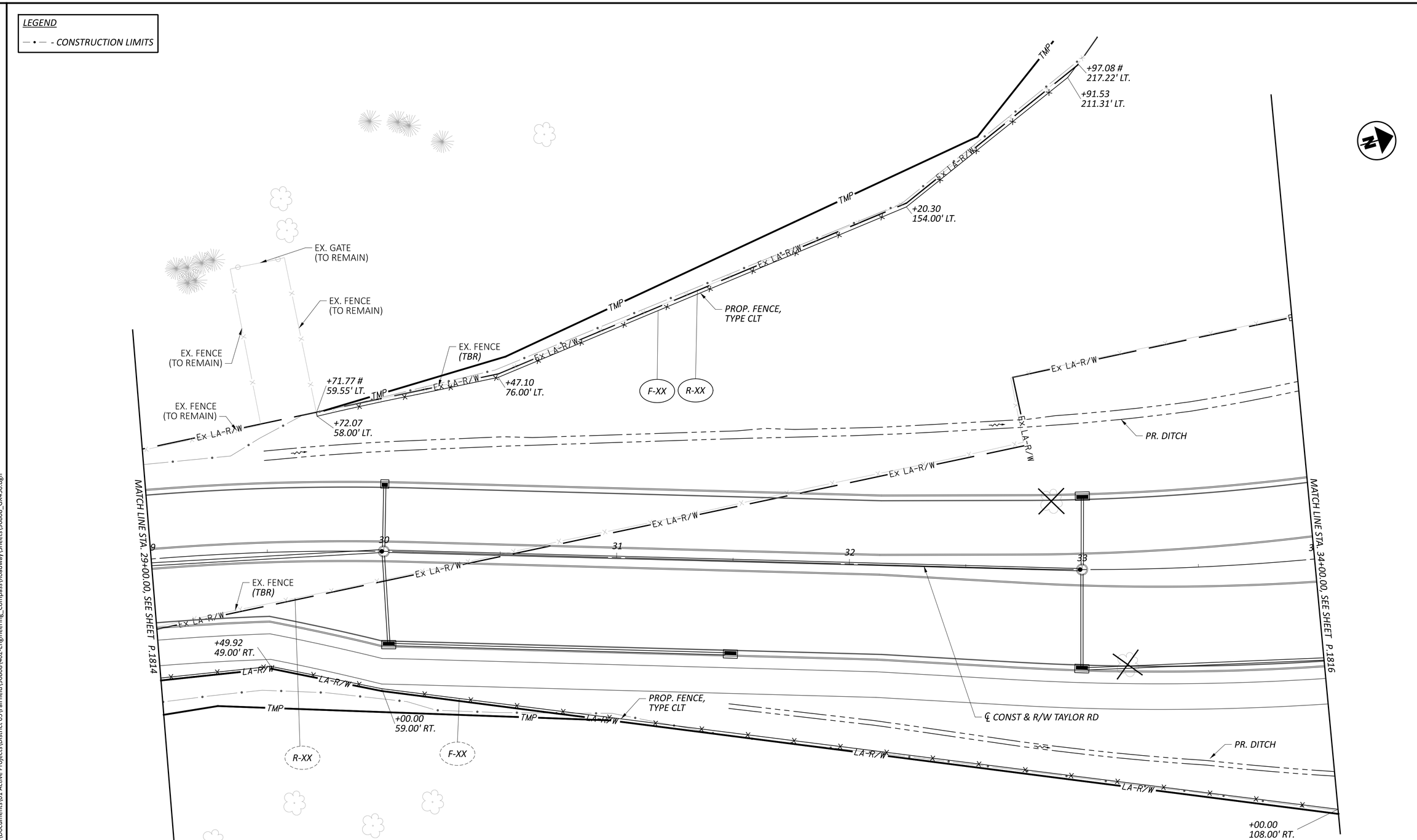

NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

2. # - TIE IN WITH EXISTING FENCE.

HORIZONTAL SCALE IN FEET 0 10 20 40

FENCING PLAN - TAYLOR ROAD
STA. 29+00.00 TO STA. 34+00.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1815
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 5 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:13:04 AM USER: aakuraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\402-Engineering_Compass\Roadway\Sheets\96808_GX456.dgn

LEGEND

— • — - CONSTRUCTION LIMITS

R-XX

EX. FENCE (TBR)

Ex LA-R/W

PR. DITCH

℄ CONST RAMP G

Ex SH

MATCH LINE STA. 34+00.00, SEE SHEET P.1815

34

35

36

37

38

39

℄ CONST & R/W TAYLOR RD

℄ CONST RAMP J

LA-R/W

PROP. FENCE, TYPE CLT

F-XX

+93.79
154.00' RT.

FOR FENCE ALONG RAMP J, SEE SHEET P.1806

NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET

0 10 20 40

FENCING PLAN - TAYLOR ROAD
STA. 34+00.00 TO STA. 39+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 6 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:13:13 AM USER: aakuraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\402-Engineering_Compass\Roadway\Sheets\96808_GX457.dgn

DESIGN AGENCY

COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1816
TOTAL	P.2024

LEGEND

— • — - CONSTRUCTION LIMITS

SEE SHEET P.1806

+44.02
171.00' LT.

+76.02
172.23' LT.

+99.78
172.16' LT.

+52.27
150.42' LT.

F-XX

PROP. FENCE, TYPE CLT

+17.26
146.45' LT.

+12.69
106.44' LT.

PR. DITCH

+95.01
70.26' LT.

+64.62
83.38' LT.

+99.60
76.28' LT.

+55.37
37.81' LT.

Ex R/W

LA-R/W

℄ CONST & R/W TAYLOR RD

4

45

46

47

48

49

5

P.0383

+00.00
73.00' RT.

+00.00
144.00' RT.

+99.71
114.00' RT.

+35.11
164.00' RT.

+00.03
164.00' RT.

SEE SHEET P.1806

NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONST & R/W TAYLOR RD

HORIZONTAL SCALE IN FEET
0 10 20 40

FENCING PLAN - TAYLOR ROAD
STA. 44+00.00 TO STA. 50+00.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER LSH

REVIEWER JAH 4/14/2025

PROJECT ID 96808

SHEET P.1817 | TOTAL P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_TAYLOR - Plan 8 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:13:27 AM USER: aakuraju
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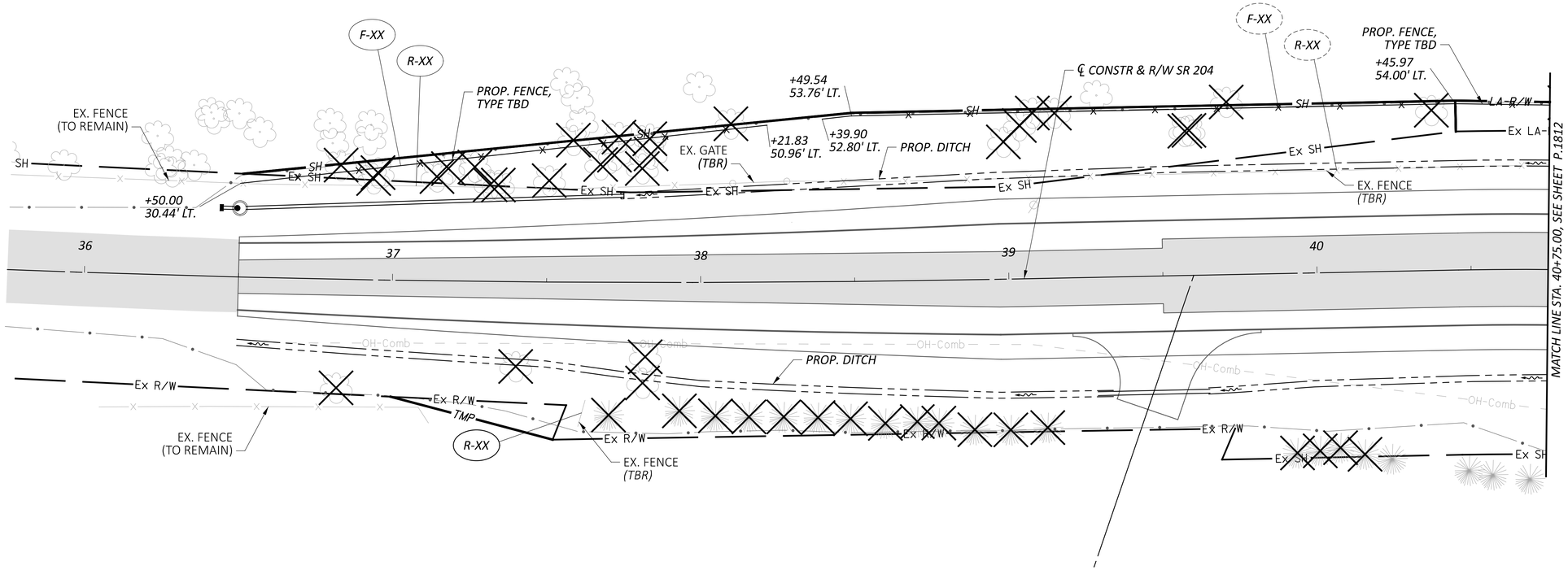
LEGEND

— • — - *CONSTRUCTION LIMITS*



NOTES:

1. STATION AND OFFSET REFERENCED TO ℄ CONSTR AND R/W SR 204

HORIZONTAL SCALE IN FEET
0 10 20 40

FENCING PLAN - SR 204
STA. 35+75.00 TO STA. 40+75.00

DESIGN AGENCY
COMPASS INFRASTRUCTURE GROUP

DESIGNER	LSH
REVIEWER	JAH 4/14/2025
PROJECT ID	96808
SHEET	P.1818
TOTAL	P.2024

FAI/LIC-IR 70-0.00/0.00

MODEL: CLP_5204 - Plan 2 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:13:40 AM USER: aakurraju
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\402-Engineering_Compass\Roadway\Sheets\96808_GX460.dgn

PROJECT DESCRIPTION

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD IN FAIRFIELD COUNTY AND LICKING COUNTY, OHIO.

HISTORIC RECORDS

A HISTORIC RECORD SEARCH WAS PERFORMED THROUGH ODOT'S TRANSPORTATION INFORMATION MANAGEMENT SYSTEM (TIMS). THE FOLLOWING REPORT/PLANS WERE AVAILABLE FOR REVIEW AND EVALUATION: FAI-256-(0.00) (2.23) DATED AUGUST 8, 1946; FAI-204-0.78 DATED AUGUST 6, 1959; LIC-70-0.47 DATED DECEMBER 31, 1963; LIC-70-0073 BRIDGE OVER TOWNSHIP RD 36 (PALMER ROAD), JOB NO. 05633, 1964; FAI-70-0084 L/R BRIDGE OVER BLACKLICK CREEK, JOB NO. 05633(1), 1965; FAI-70-0119 L/R BRIDGE OVER STATE ROUTE 256, CTL PROJECT NO. 65-125, FRA-70-14.49 DATED MAY 6, 1999; ENGINEERING REPORT FOR TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK (VIO-43), JULY 2011; AND LIC-TR169-4.60 DATED OCTOBER 28, 2013. FIFTEEN HISTORICAL SOIL BORINGS WERE PRESENTED IN THE SHEET SET.

GEOLOGY

THE PROJECT SITE IS LOCATED WITHIN THE GALION GLACIATED LOW PLATEAU. THIS AREA IS CHARACTERIZED AS ROLLING UPLAND MANTLED WITH THIN TO THICK DRIFT AND IS TRANSITIONAL BETWEEN THE GENTLY ROLLING TILL PLAIN AND THE HILLY GLACIATED ALLEGHENY PLATEAU. THE GEOLOGY IS DESCRIBED AS MEDIUM- TO LOW-LIME WISCONSINAN AGE TILL OVER MISSISSIPPIAN-AGE SHALES AND SANDSTONE. THE GEOLOGY AT THE SOUTHWESTERN THIRD OF THE PROJECT SITE IS MAPPED AS AN AVERAGE OF 20 FT OF WISCONSINAN-AGE LOAM TILL UNDERLAIN BY AN AVERAGE OF 40 FT OF WISCONSINAN-AGE SAND AND GRAVEL, FOLLOWED BY 40 FT OF TILL OF AN UNSPECIFIED AGE, FOLLOWED BY 260 FT OF SAND AND GRAVEL OF AN UNSPECIFIED AGE, ALL UNDERLAIN BY DEVONIAN AGE SHALE BEDROCK. THE GEOLOGY IN THE CENTER OF THE PROJECT AROUND THE INTERSECTION BETWEEN SR-256 AND IR-70 IS MAPPED AS AN AVERAGE OF 40 FT OF TILL OF AN UNSPECIFIED AGE, FOLLOWED BY AN AVERAGE OF 30 FT OF WISCONSINAN- AGE SAND AND GRAVEL, FOLLOWED BY ANOTHER 40 FT OF TILL OF AN UNSPECIFIED AGE, UNDERLAIN BY 300 FT OF SAND AND GRAVEL OF AN UNSPECIFIED AGE, ALL UNDERLAIN BY DEVONIAN- AGE SHALE BEDROCK. THE GEOLOGY AT THE NORTHEASTERN THIRD OF THE PROJECT SITE IS MAPPED AS AN AVERAGE OF 20 FT OF LOAM TILL, UNDERLAIN BY 40 FT OF TILL OF AN UNSPECIFIED AGE, FOLLOWED BY 20 FT OF WISCONSINAN-AGE SAND AND GRAVEL, UNDERLAIN BY 100 FT OF TILL OF AN UNSPECIFIED AGE, FOLLOWED BY 30 FT OF OLDER THAN HOLOCENE- AGE SAND AND GRAVEL, UNDERLAIN BY ANOTHER 100 FT OF TILL OF AN UNSPECIFIED AGE, FOLLOWED BY 20 FT OF OLDER THAN HOLOCENE- AGE SAND AND GRAVEL, UNDERLAIN BY 240 FT OF TILL OF AN UNSPECIFIED AGE, ALL UNDERLAIN BY DEVONIAN/MISSISSIPPIAN-AGE SHALE AND SANDSTONE BEDROCK.

RECONNAISSANCE

A FIELD RECONNAISSANCE VISIT FOR THE OVERALL PROJECT AREA WAS CONDUCTED BETWEEN FEBRUARY 1 AND FEBRUARY 7, 2024. THE LAND USE OF MOST OF THE PROJECT AREA CONSISTS OF: 1.) RESIDENTIAL PROPERTIES (I.E., SINGLE FAMILY HOMES, APARTMENTS, ETC.); 2) COMMERCIAL PROPERTIES; AND 3) FORESTED AREA.

IR-70 (BEGIN OF THE PROJECT TO SR-256)
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS SECTION OF IR-70 WAS OBSERVED TO BE GOOD WITH OCCASIONAL SIGNS OF WEATHERING AND SURFACE WEAR. OCCASIONAL LOW SEVERITY LONGITUDINAL AND TRANSVERSE CRACKING WAS OBSERVED ALONG THIS SECTION. THE SLOPE OF THE ROADWAY EMBANKMENT IN THIS SECTION RANGES FROM APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4 HORIZONTAL TO 1 VERTICAL (4H:1V). THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY RIGHT- OF- WAY (ROW) IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED, WITH THE EXCEPTION OF THE DRAINAGE DITCH IN THE VICINITY OF B-001-0-23 WHICH CONTAINED TALL GRASS/CATTAILS, INDICATING POSSIBLE FREQUENT STANDING WATER (THOUGH NONE WAS OBSERVED AT THE TIME OF THE RECONNAISSANCE VISIT). THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

BRIDGE CARRYING IR-70 OVER BLACKLICK CREEK
THE ROADWAY EMBANKMENT SLOPES AT THE SITE, GENERALLY APPEARED TO BE STABLE WITH NO SIGNS OF INSTABILITY OBSERVED DURING OUR SITE VISIT. THE ROADWAY EMBANKMENT SLOPES AT THE BRIDGE SITE APPEARED TO BE AT ABOUT 4H:1V AND WERE VEGETATED WITH GRASS AND SMALL SHRUBS. OVERALL, THE BRIDGE STRUCTURE APPEARED TO BE IN GOOD CONDITION WITH WEAR AND DEGRADATION BEING GENERALLY LIMITED TO MINOR CORROSION ON THE BEAMS. NO APPARENT SIGNS OF STRUCTURAL DISTRESS OF THE BRIDGE DUE TO GEOTECHNICAL CONCERNS WERE OBSERVED DURING OUR FIELD RECONNAISSANCE VISIT. WATER WAS DIRECTED TO SCUPPERS ON EITHER SIDE OF EACH BRIDGE DECK. NO SIGNS OF STANDING WATER WERE OBSERVED ON THE BRIDGE ITSELF. THE AREA AROUND THE BRIDGE SITE APPEARED TO BE WELL-DRAINED, WITH NO SIGNS OF STANDING WATER PRESENT.

SR-256 TO IR-70 EB RAMP
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS ENTRANCE RAMP WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR. THE ROADWAY EMBANKMENT IN THIS SECTION SLOPES DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS. STANDING WATER AND SOFT GROUND IN THE DRAINAGE DITCHES WERE OBSERVED DURING THE RECONNAISSANCE VISIT, INDICATING POTENTIAL DRAINAGE ISSUES. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

IR-70 WB TO SR-256 RAMP
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS EXIT RAMP WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR. THE ROADWAY EMBANKMENT IN THIS SECTION RANGES FROM SLOPING UPWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V TO APPROXIMATELY 1.5H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED, WITH THE EXCEPTION OF THE DRAINAGE DITCH IN THE VICINITY OF B-073-0-23. STANDING WATER WAS OBSERVED IN THIS AREA, INDICATING THE PRESENCE OF POSSIBLE DRAINAGE ISSUES. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

RECONNAISSANCE (CONTINUED ON SHEET 2)

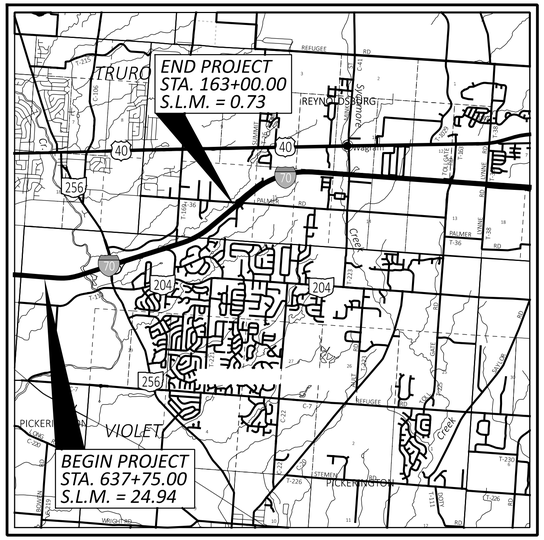
PROJECT BORINGS LEGEND

DESCRIPTION	ODOT CLASS	CLASSIFIED MECH.	CLASSIFIED VISUAL
STONE FRAGMENTS	A-1-a	5	20
GRAVEL WITH SAND	A-1-b	34	115
STONE FRAGMENTS WITH SAND AND SILT	A-2-4	27	50
GRAVEL WITH SAND, SILT AND CLAY	A-2-6	7	7
GRAVEL WITH SAND, SILT AND CLAY	A-2-7	1	2
COARSE AND FINE SAND	A-3a	6	30
SANDY SILT	A-4a	200	511
SILT	A-4b	16	8
SILT AND CLAY	A-6a	181	341
SILTY CLAY	A-6b	84	112
CLAY	A-7-6	70	67
BOULDERS (COBBLES)	BOULDER	-	-
PEAT	PEAT	-	2
	TOTAL	631	1265

HISTORICAL BORINGS LEGEND

DESCRIPTION	ODOT CLASS	CLASSIFIED MECH.	CLASSIFIED VISUAL
STONE FRAGMENTS	A-1-a	10	2
GRAVEL WITH SAND	A-1-b	23	7
STONE FRAGMENTS WITH SAND AND SILT	A-2-4	34	2
GRAVEL WITH SAND, SILT AND CLAY	A-2-6	32	0
COARSE AND FINE SAND	A-3a	17	2
SANDY SILT	A-4a	39	2
SILT	A-4b	2	0
SILT AND CLAY	A-6a	14	0
SILTY CLAY	A-6b	2	0
	TOTAL	173	15

PAVEMENT OR BASE = X = APPROXIMATE THICKNESS	VISUAL
SOD AND TOPSOIL = X = APPROXIMATE THICKNESS	VISUAL
BORING LOCATION - PLAN VIEW.	
HISTORIC BORING LOCATION - PLAN VIEW.	
DRIVE SAMPLE AND/OR ROCK CORE BORING PLOTTED TO VERTICAL SCALE ONLY. HORIZONTAL BAR INDICATES A CHANGE IN STRATIGRAPHY.	
WC — INDICATES WATER CONTENT IN PERCENT.	
N — INDICATES STANDARD PENETRATION RESISTANCE.	
N_{60} — INDICATES STANDARD PENETRATION RESISTANCE NORMALIZED TO 60% DRILL ROD ENERGY RATIO.	



LOCATION MAP

SCALE IN MILES

0 1 2 3 4

N

PARTICLE SIZE DEFINITIONS

12"	3"	2.0 mm	0.42 mm	0.074 mm	0.005 mm
BOULDERS	COBBLES	GRAVEL	COARSE SAND	FINE SAND	SILT / CLAY
		No. 10 SIEVE	No. 40 SIEVE	No. 200 SIEVE	

BORINGS LEGEND (CONT.)

X/Y/D''	NUMBER OF BLOWS FOR STANDARD PENETRATION TEST (SPT): X= NUMBER OF BLOWS FOR FIRST 6 INCHES. Y/D''= NUMBER OF BLOWS (UNCORRECTED) FOR D'' OF PENETRATION AT REFUSAL.
W	INDICATES FREE WATER ELEVATION.
▽	INDICATES END OF DRILLING WATER.
▼	INDICATES WATER AT COMPLETION.
SS	INDICATES A SPLIT SPOON SAMPLE.
NP	INDICATES A NON-PLASTIC SAMPLE.
ST	INDICATES A SHELBY TUBE SAMPLE.
SO_4	INDICATES SULPHATE CONTENT IN PARTS PER MILLION (PPM).
●	INDICATES A PLASTIC MATERIAL WITH A MOISTURE CONTENT EQUAL TO OR GREATER THAN THE LIQUID LIMIT MINUS 3.

RECON. - EB & MWJ, 02/01/24 TO 02/07/24
DRILLING - RW, 01/25/24 TO 04/18/24
DRAWN - DT & RS, 08/21/26
REVIEWED - CH, 08/21/26

GEOTECHNICAL PROFILE - ROADWAY

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 1 TOTAL 206
SHEET P.1819 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:06:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkanc@neasinc.com WORKSPACE: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v04-Engineering_NEAS\Geotechnical\Sheets\96808_IC001.dgn

RECONNAISSANCE (CONT.)

IR-70 EB TO SR-256 RAMP
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS EXIT RAMP WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR. THE ROADWAY EMBANKMENT IN THIS SECTION RANGES FROM SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V TO APPROXIMATELY 2H:1V. THE ROADWAY DRAINS TO A DITCH ON THE SOUTH SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

SR-256
IN GENERAL, THE PAVEMENT CONDITION ALONG SR-256 WAS OBSERVED TO BE FAIR WITH SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. FREQUENT LOW SEVERITY LONGITUDINAL AND TRANSVERSE CRACKING WERE OBSERVED, AS WELL AS SEVERAL PREVIOUSLY PATCHED POTHOLES. THE ROADWAY EMBANKMENT IN THIS SECTION SLOPES DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V. THE ROADWAY DRAINS TO A DITCH ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

IR-70 (FROM SR-256 TO PROPOSED TAYLOR ROAD INTERCHANGE)
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS SECTION OF IR-70 WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE SLOPE OF THE ROADWAY EMBANKMENT IN THIS SECTION VARIES FROM SLOPING UPWARD FROM THE ROADWAY AT APPROXIMATELY 2H:1V TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 2.5H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED, WITH THE EXCEPTION OF THE DRAINAGE DITCH IN THE VICINITY OF B-041-0-23, WHICH CONTAINED STANDING WATER, INDICATING POTENTIAL DRAINAGE ISSUES IN THIS AREA. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

PROPOSED TAYLOR ROAD INTERCHANGE
THE SITE IN THE NORTHEASTERN SECTION OF THE PROPOSED TAYLOR ROAD INTERCHANGE LOCATION IS HEAVILY FORESTED, WITH A CREEK RUNNING THROUGH A RAVINE IN THE VICINITY OF B-110-0-23. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.
THE SITE IN THE SOUTHEASTERN SECTION OF THE PROPOSED TAYLOR ROAD INTERCHANGE LOCATION CONSISTS PRIMARILY OF GRASSLAND. SOFT, DAMP GROUND WAS OBSERVED IN THIS AREA IN THE VICINITY OF B-098-0-23 AND B-084-0-23. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.
THE SITE IN THE SOUTHWESTERN SECTION OF THE PROPOSED TAYLOR ROAD INTERCHANGE INCLUDES AN EXISTING EXIT RAMP FROM IR-70 EB TO TAYLOR ROAD. IN GENERAL, THE PAVEMENT CONDITION ALONG THIS SECTION OF IR-70 WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE ROADWAY EMBANKMENT IN THIS SECTION VARIES FROM SLOPING TOWARD THE ROADWAY AT APPROXIMATELY 2H:1V TO BEING APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN. THE ROADWAY DRAINS TO A DITCH ON THE LEFT SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.
THE SITE IN THE NORTHWESTERN SECTION OF THE PROPOSED TAYLOR ROAD INTERCHANGE CONSISTS PRIMARILY OF FOREST AND EXISTING EMBANKMENT SLOPING UPWARD FROM IR-70 AT APPROXIMATELY 2.5H:1V. THE EMBANKMENT IS VEGETATED PRIMARILY WITH GRASS. A DRAINAGE DITCH CONTAINING STANDING WATER WAS OBSERVED BETWEEN THE EMBANKMENT AND ROADWAY IN THE VICINITY OF B-089-0-23, INDICATING POTENTIAL DRAINAGE ISSUES IN THIS AREA. THE PRESENCE OF A FENCE AT THE TOP OF THE EXISTING EMBANKMENT PREVENTED FURTHER RECONNAISSANCE OF THIS AREA.

TAYLOR ROAD AND WELLESLEY DRIVE
IN GENERAL, THE PAVEMENT CONDITION ALONG TAYLOR ROAD AND WELLESLEY DRIVE WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. MINOR OCCASIONAL LONGITUDINAL CRACKING WAS OBSERVED ALONG WELLESLEY DRIVE. THE ROADWAY IN THIS SECTION IS APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN. THE ROADWAY DRAINS TO GUTTERS AND STORM DRAINS ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

OH-204
IN GENERAL, THE PAVEMENT CONDITION ALONG OH-204 WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE ROADWAY EMBANKMENT IN THIS SECTION VARIES FROM SLOPING UPWARD FROM THE ROADWAY AT APPROXIMATELY 2H:1V TO BEING APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE DITCH ON THE SOUTHERN SIDE OF OH-204 EAST OF THE INTERSECTION WITH TAYLOR ROAD SHOWED EVIDENCE OF SUBSTANTIAL EROSION, AND INCLUDED A CONCRETE-LINED SECTION LEADING TO CULVERT RUNNING BENEATH THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS AND SMALL SHRUBS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

IR-70 (FROM PROPOSED TAYLOR ROAD INTERCHANGE TO END OF PROJECT)
IN GENERAL, THE PAVEMENT CONDITION ALONG THIS SECTION OF IR-70 WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE ROADWAY EMBANKMENT ALONG THIS SECTION VARIES FROM BEING APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN, TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

EXIT RAMP FROM IR-70 EB TO OH-256
IN GENERAL, THE PAVEMENT CONDITION ALONG THE PROJECT SECTION OF PALMER ROAD WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE ROADWAY EMBANKMENT ALONG THIS SECTION VARIES FROM SLOPING UPWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V, TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS. STANDING WATER AND SOFT GROUND WERE OBSERVED TO THE RIGHT OF THE ROADWAY, INDICATING POSSIBLE DRAINAGE ISSUES IN THIS AREA. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

RECONNAISSANCE (CONT.)

PALMER ROAD AND GEORGIAN DRIVE
IN GENERAL, THE PAVEMENT CONDITION ALONG THE PROJECT SECTION OF PALMER ROAD WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE ROADWAY EMBANKMENT ALONG THIS SECTION VARIES FROM BEING APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN, TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 2H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.
IN GENERAL, THE PAVEMENT CONDITION ALONG THE PROJECT SECTION OF GEORGIAN DRIVE WAS OBSERVED TO BE FAIR WITH SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. MINOR LONGITUDINAL AND TRANSVERSE CRACKING WAS OBSERVED ALONG THIS SEGMENT OF ROADWAY. THE ROADWAY EMBANKMENT ALONG THIS SECTION VARIES FROM BEING APPROXIMATELY LEVEL WITH THE SURROUNDING TERRAIN, TO SLOPING DOWNWARD FROM THE ROADWAY AT APPROXIMATELY 4H:1V. THE ROADWAY DRAINS TO DITCHES ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, AND NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

TAYLOR ROAD
IN GENERAL, THE PAVEMENT CONDITION ALONG THE PROJECT SECTION OF TAYLOR ROAD NORTH OF IR-70 WAS OBSERVED TO BE GOOD WITH FEW SIGNS OF WEATHERING AND SURFACE WEAR PRESENT. THE PAVEMENT IN THE VICINITY OF B-108-0-23 APPEARED TO HAVE BEEN RECENTLY PLACED, WHILE THE PAVEMENT AT THE BORING LOCATIONS TO THE NORTHEAST OF THIS APPEARED TO EXHIBIT MORE WEAR. THE ROADWAY EMBANKMENT ALONG THIS SECTION IS ROUGHLY LEVEL WITH THE SURROUNDING TERRAIN. THE ROADWAY DRAINS TO GUTTERS AND STORM DRAINS ON EITHER SIDE OF THE ROADWAY. THE ROADWAY ROW IS VEGETATED PRIMARILY WITH GRASS, WITH OCCASIONAL TREES PLANTED ALONG THE ROADWAY AND ADJACENT SIDEWALKS. NO SIGNS OF STANDING WATER OR OTHER DRAINAGE ISSUES WERE OBSERVED. THE AREA APPEARED TO BE STABLE WITH NO SIGNS OF GEOTECHNICAL INSTABILITY.

SUBSURFACE EXPLORATION

THE SUBSURFACE EXPLORATION WAS CONDUCTED BY NEAS BETWEEN JANUARY 25, 2024, AND APRIL 18, 2024, AND INCLUDED 120 BORINGS DRILLED TO DEPTHS RANGING BETWEEN 6.2 FT BELOW GROUND SURFACE (BGS) TO 71.5 FT BGS, COVERING BOTH ROADWAY AND STRUCTURAL BORINGS. BORINGS WERE DRILLED USING A CME 45B AND CME 75T TRUCK-MOUNTED DRILLING RIGS UTILIZING 3.25-INCH (INNER DIAMETER) HOLLOW STEM AUGERS. SOIL SAMPLES FOR SUBGRADE BORINGS WERE TYPICALLY RECOVERED CONTINUOUSLY WITH 1.5 FT INTERVAL TO END OF BORING DEPTH (EOB). SOIL SAMPLES FOR STRUCTURAL BORINGS WERE RECOVERED AT 2.5- FT INTERVAL FOLLOWED BY 5- FT INTERVAL TO END OF BORING. EACH BORING WAS SAMPLED USING AN 18- INCH SPLIT SPOON SAMPLER (AASHTO T-206 "STANDARD METHOD FOR PENETRATION TEST AND SPLIT BARREL SAMPLING OF SOILS."). THE SOIL SAMPLES OBTAINED FROM THE EXPLORATION PROGRAM WERE VISUALLY OBSERVED IN THE FIELD BY NEAS FIELD REPRESENTATIVE AND PRESERVED FOR REVIEW BY A GEOLOGIST FOR POSSIBLE LABORATORY TESTING. STANDARD PENETRATION TESTS (SPT) WERE CONDUCTED USING CME AUTO HAMMERS THAT HAVE BEEN CALIBRATED ON JANUARY 24, 2022, TO BE 72.6 % AND 79% EFFICIENT.

SOME OF THE PROJECT BORINGS WERE DRILLED USING OGE'S ACKER REBEL XL TRUCK- MOUNTED DRILLING RIGS. THE ACKER REBEL XL AUTOMATIC HAMMER WAS CALIBRATED ON NOVEMBER 7, 2023, WITH AN EFFICIENCY OF 90%. SHELBY TUBE SAMPLES WERE COLLECTED IN ACCORDANCE WITH AASHTO T 207 USING AN OPEN TUBE CONSTRUCTED OF STEEL, GALVANIZED STEEL, OR BRASS.

EXPLORATION FINDINGS

IR-70
ALONG IR-70, NINETY-TWO PERCENT (92%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 18% OF SAMPLES); 2 SILT AND CLAY (A-6a, 44% OF SAMPLES); 3) SILTY CLAY (A-6b, 21% OF SAMPLE); AND 4) CLAY (A-7-6, 9% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM STIFF TO HARD.
EIGHT PERCENT (8%) OF THE SAMPLES TAKEN ALONG IR-70 WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF: 1) GRAVEL AND STONE FRAGMENTS WITH SAND (A-1-b, 2% OF SAMPLES); 2) GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, 4% OF SAMPLES); 3) GRAVEL WITH SAND, SILT AND CLAY (A-2-6, 1% OF SAMPLES); 4) COARSE AND FINE SAND (A-3a, ONE SAMPLE); AND 5) NON-COHESIVE SANDY SILT (A-4a, 1% OF SAMPLES). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM LOOSE TO VERY DENSE.

SR-256
ALONG THE SR-256, EIGHTY-TWO PERCENT (82%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 44% OF SAMPLES); 2) SILT AND CLAY (A-6a, 13% OF SAMPLES); AND 3) CLAY (A-7-6, 25% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
EIGHTEEN PERCENT (18%) OF THE SAMPLES TAKEN ALONG THE SR-256 WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF: 1) GRAVEL AND STONE FRAGMENTS WITH SAND (A-1-b, 13% OF SAMPLES); AND 2) GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM MEDIUM DENSE TO VERY DENSE.

TAYLOR ROAD
ALONG TAYLOR ROAD, NINETY-SEVEN PERCENT (97%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 11% OF SAMPLES); 2) SILT AND CLAY (A-6a, 40% OF SAMPLES); 3) SILTY CLAY (A-6b, 40% OF SAMPLES); AND 4) CLAY (A-7-6, 6% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM MEDIUM STIFF TO HARD.
THREE PERCENT (3 %) OF THE SAMPLES TAKEN ALONG TAYLOR ROAD WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIBED AS MEDIUM DENSE.

TAYLOR SW
ALONG TAYLOR SW, ONE HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF SILT AND CLAY (A-6a, 100% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.

EXPLORATION FINDINGS (CONTINUED ON SHEET 3)

EXPLORATION FINDINGS (CONT.)

SR-204
ALONG SR-204, EIGHTY-EIGHT PERCENT (88%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 44% OF SAMPLES); AND 2) SILTY CLAY (A-6b, 44% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
TWELVE PERCENT (12 %) OF THE SAMPLES TAKEN ALONG SR-204 WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF COARSE AND FINE SAND (A-3a, 12% OF SAMPLES). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIBED AS MEDIUM DENSE.

PALMER ROAD
ALONG PALMER ROAD, ONE-HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 50% OF SAMPLES); AND 2) SILTY CLAY (A-6b, 50% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.

GEORGIAN ROAD
ALONG GEORGIAN ROAD, ONE HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, ONE SAMPLE); 2) SILT AND CLAY (A-6a, ONE SAMPLE); AND 3) SILTY CLAY (A-6b, 67% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.

RAMP A
ALONG THE RAMP A, SEVENTY-EIGHT PERCENT (78%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 21% OF SAMPLES); 2) SILT AND CLAY (A-6a, 29% OF SAMPLES); 3) SILTY CLAY (A-6b, 14% OF SAMPLES); AND 4) CLAY (A-7-6, 14% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
TWENTY-TWO PERCENT (22 %) OF THE SAMPLES TAKEN ALONG RAMP A WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF: 1) GRAVEL AND STONE FRAGMENTS WITH SAND (A-1-b, ONE SAMPLE); 2) GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE); AND 3) GRAVEL WITH SAND, SILT AND CLAY (A-2-6, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM LOOSE TO DENSE.

RAMP B
ALONG THE RAMP B, SIXTY-NINE PERCENT (69%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 15% OF SAMPLES); AND 2) SILT AND CLAY (A-6a, 54% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
THIRTY-ONE PERCENT (31 %) OF THE SAMPLES TAKEN ALONG RAMP B WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF GRAVEL AND STONE FRAGMENTS (A-1-a, 31% OF SAMPLES). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM LOOSE TO MEDIUM DENSE.

RAMP C
ALONG THE RAMP C, ONE HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 30% OF SAMPLES); 2) SILT AND CLAY (A-6a, 50% OF SAMPLES); 3) SILTY CLAY (A-6b, ONE SAMPLE) AND 4) CLAY (A-7-6, 15% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.

RAMP D
ALONG THE RAMP D, ONE HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 33% OF SAMPLES); 2) SILT AND CLAY (A-6a, 33% OF SAMPLES); AND 3) SILTY CLAY (A-6b, 33% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, DESCRIBED AS HARD.

RAMP E
ALONG THE RAMP E, SEVENTY-EIGHT PERCENT (87%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SILT AND CLAY (A-6a, 65% OF SAMPLES); 2) SILTY CLAY (A-6b, 9% OF SAMPLES); AND 3) CLAY (A-7-6, 13% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
THIRTEEN PERCENT (13 %) OF THE SAMPLES TAKEN ALONG RAMP E WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, 13% OF SAMPLES). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM MEDIUM DENSE TO VERY DENSE.

RAMP G
ALONG THE RAMP G, EIGHTY-EIGHT PERCENT (88%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 38% OF SAMPLES); AND 2) SILT AND CLAY (A-6a, 50% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
TWELVE PERCENT (12 %) OF THE SAMPLES TAKEN ALONG RAMP G WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL IS DESCRIBED AS VERY DENSE.

RAMP H
ALONG RAMP H, NINETY-TWO PERCENT (92%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 25% OF SAMPLES); 2) SILT AND CLAY (A-6a, 50% OF SAMPLES); AND 3) SILTY CLAY (A-6b, 17% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
EIGHT PERCENT (8%) OF THE SAMPLES TAKEN ALONG RAMP H WERE CLASSIFIED AS NON-COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF: 1) GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE); 2) COARSE AND FINE SAND (A-3a, ONE SAMPLE); AND 3) NON-COHESIVE SANDY SILT (A-4a, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON-COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES BETWEEN DENSE TO VERY DENSE.

RAMP I
ALONG THE RAMP I, ONE HUNDRED PERCENT (100%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, ONE SAMPLE); 2) SILTY CLAY (A-6b, ONE SAMPLE) AND 3) CLAY (A-7-6, 75% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.

GEOTECHNICAL PROFILE - ROADWAY
RECONNAISSANCE (CONT.)

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PROJECT ID 96808
SUBSET 2 TOTAL 206
SHEET P.1820 TOTAL P.2024

FAI/LIC-70-0.00-0.00
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:06:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkanss@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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EXPLORATION FINDINGS (CONT.)

RAMP J

ALONG THE RAMP J, NINETY- ONE PERCENT (91%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SILT AND CLAY (A-6a, 45% OF SAMPLES); 2) SILTY CLAY (A- 6b, 27% OF SAMPLES) AND 3) CLAY (A- 7- 6, 18% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO.
NINE PERCENT (9 %) OF THE SAMPLES TAKEN ALONG RAMP J WERE CLASSIFIED AS NON- COHESIVE COARSE-GRAINED SOILS AND WERE COMPRISED OF GRAVEL WITH SAND, SILT AND CLAY (A-2-6, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON- COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIBED AS VERY DENSE.

RAMP K

ALONG THE RAMP K, EIGHTY- SIX PERCENT (86%) OF THE SAMPLES TAKEN WERE CLASSIFIED AS COHESIVE FINE-GRAINED SOILS AND WERE COMPRISED OF: 1) SANDY SILT (A-4a, 11% OF SAMPLES); 2) SILT AND CLAY (A-6a, 57% OF SAMPLES); AND 3) SILTY CLAY (A-6b, 18% OF SAMPLES). IN TERMS OF CONSISTENCY OF THE COHESIVE SOILS, THE DESCRIPTION VARIES FROM VERY STIFF TO HARD.
FOURTEEN PERCENT (14 %) OF THE SAMPLES TAKEN ALONG THE RAMP K WERE CLASSIFIED AS NON- COHESIVE COARSE- GRAINED SOILS AND WERE COMPRISED OF: 1) GRAVEL AND STONE FRAGMENTS WITH SAND (A-1-b, 7% OF SAMPLES); 2) 2) GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4, ONE SAMPLE); AND 3) NON- COHESIVE SANDY SILT (A- 4a, ONE SAMPLE). WITH RESPECT TO THE RELATIVE DENSITY OF THE NON- COHESIVE GRANULAR SOILS, THE MATERIAL DESCRIPTION VARIES FROM LOOSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE BORING DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN NINE PROJECT BORING DURING DRILLING IN DEPTHS RANGING BETWEEN 4.5 FT BGS TO 22 FT BGS.
BEDROCK WAS NOT ENCOUNTERED IN ANY OF PROJECT BORINGS.

BRIDGE OVER BLACKLICK CREEK

AT THE SITE OF THE PROPOSED BRIDGES OVER BLACKLICK CREEK, NATURAL GLACIAL TILL SOILS WERE ENCOUNTERED BELOW THE SURFICIAL PAVEMENT. IN GENERAL, THESE SOILS CONSIST OF INTERBEDDED NATURAL COHESIVE AND GRANULAR LAYERS. IN BORINGS B-001-0-64, B-014-0-23, AND B- 017- 0- 23, NATURAL COHESIVE GLACIAL TILL SOILS EXTENDED FROM THE GROUND SURFACE TO ELEVATIONS BETWEEN 815.6 FEET AND 821.0 FEET AMSL, FOLLOWED BY GRANULAR SOILS EXTENDING TO ELEVATIONS BETWEEN 810.7 FEET AND 802.2 FEET AMSL, AND THEN BY ALTERNATING COHESIVE AND GRANULAR SOILS TO THE TERMINATED BORING DEPTHS. CONVERSELY, IN BORINGS B-016-0-64, B-015-0-23, AND B-016-0-23, NATURAL GRANULAR SOILS WERE FOUND FROM THE GROUND SURFACE DOWN TO ELEVATIONS BETWEEN 810.8 FT AND 788.3 FT AMSL, FOLLOWED BY COHESIVE SOILS EXTENDING TO ELEVATIONS BETWEEN 788.3 FT AND 760.5 FT AMSL, AND THEN BY GRANULAR SOILS EXTENDING TO THE END OF THE BORING. THE COHESIVE GLACIAL TILL SOILS ARE CLASSIFIED ON THE BORING LOGS AS SANDY SILT (A- 4a), SILT (A- 4b), SILT AND CLAY (A- 6a) AND CLAY (A- 7- 6). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-A), GRAVEL WITH SAND (A-1-b), SANDY SILT (A-4a), AND GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4), COARSE AND FINE SAND (A- 3a).THESE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A STIFF TO HARD CONSISTENCY. THESE NON-COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF MEDIUM DENSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN ALL THE FOUR PROJECT BORINGS DURING DRILLING AT DEPTHS BETWEEN 0 FT AND 19.0 FT BELOW GROUND SURFACE (AT THE ELEVATION BETWEEN 814.3 FT AND 816.5 FT). BEDROCK WAS NOT ENCOUNTERED WITHIN DEPTHS OF THE BORINGS PERFORMED AT THE BRIDGES SITE.

BRIDGE OVER SR-256

AT THE SITE OF THE PROPOSED BRIDGES OVER SR- 256, NATURAL GLACIAL TILL SOILS WERE ENCOUNTERED BENEATH THE SURFICIAL PAVEMENT. IN GENERAL, THESE SOILS CONSIST OF INTERBEDDED COHESIVE AND GRANULAR LAYERS. THE COHESIVE GLACIAL TILL SOILS ENCOUNTERED ON THE HISTORICAL BORINGS B-004-0-64 AND B-017-0-64 EXTENDED FROM GROUND SURFACE TO ELEVATIONS BETWEEN 826.6 FT AND 842.7 FT AMSL, FOLLOWED BY GRANULAR SOILS TO END OF BORING. AN EXCEPTION WAS NOTED IN BORING B- 004- 0- 64, WHERE SEAMS OF NON- COHESIVE MATERIALS WERE ENCOUNTERED WITHIN THE COHESIVE SOILS. THESE NON-COHESIVE SEAMS WERE ENCOUNTERED AT VARYING DEPTHS (853.6 FT TO 850.6 FT AND 835.6 FT TO 831.6 FT) WITH THICKNESSES RANGING FROM 3.0 TO 4.0 FT. THE NATURAL COHESIVE GLACIAL TILL SOILS ENCOUNTERED IN PROJECT BORINGS B-022-0-23 AND B-023-0-23 EXTENDED FROM GROUND SURFACE TO ELEVATIONS BETWEEN 835.0 FT AND 842.6 FT AMSL. THESE WERE FOLLOWED BY 6 FT TO 10 FT DEEP GRANULAR SOILS, WHICH WERE UNDERLAIN BY 5 FT TO 6 FT COHESIVE SOILS. AT THE BOTTOM OF BORING B-022-0-23, COHESIVE SOILS WERE DOMINANT, WITH TWO SEAMS OF NON-COHESIVE MATERIALS (FROM 820.0 FT TO 816.2 FT AND FROM 811.2 FT TO 806.2 FT). IN CONTRAST, AT THE BOTTOM LAYER OF BORING B-023-0-23, ONLY GRANULAR SOILS WERE ENCOUNTERED, EXTENDING FROM 832.6 FT TO THE END OF THE BORING AT 799.1 FT. THE COHESIVE GLACIAL TILL SOILS ARE CLASSIFIED ON THE BORING LOGS AS SANDY SILT (A-4a) AND SILT AND CLAY (A-6a). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-a), GRAVEL WITH SAND (A-1-b), AND COARSE AND FINE SAND (A- 3a). THESE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A SOFT TO HARD CONSISTENCY. THESE NON- COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF LOOSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN BOTH PROJECT BORINGS DURING DRILLING AT DEPTHS BETWEEN 11.5 FT AND 18.0 FT BELOW GROUND SURFACE (AT ELEVATIONS BETWEEN 829.5 FT AND 839.6 FT). BEDROCK WAS NOT ENCOUNTERED WITHIN DEPTHS OF THE BORINGS PERFORMED AT THE BRIDGES SITE.

EXPLORATION FINDINGS (CONT.)

BRIDGE OVER PALMER ROAD

AT THE PROPOSED BRIDGE OVER PALMER ROAD EASTBOUND, NATURAL GLACIAL TILL SOILS ENCOUNTERED WERE PRIMARILY GRANULAR SOILS FROM GROUND SURFACE TO THE END OF HISTORICAL BORING (B-001-1-64, B-002-1-64, B-003-1-64 AND B-004-1-64). VARIOUS SEAMS OF COHESIVE MATERIALS WERE ENCOUNTERED WITHIN THE NON-COHESIVE MATERIALS. THESE SEAMS OF COHESIVE SOILS WERE ENCOUNTERED AT VARYING DEPTHS: FROM 946.4 FT TO 937.4 FT IN BORING B-001-1-64, FROM 997.4 FT TO 992.4 FT IN BORING B-002-1-64, AND FROM 995.4 FT TO 992.4 FT IN BORING B-003-1-64, WITH THICKNESSES RANGING FROM 3.0 TO 9.0 FT. AT THE PROPOSED BRIDGE OVER PALMER ROAD WESTBOUND, COHESIVE SOILS WERE INTERBEDDED WITH NON-COHESIVE SOILS. THE BOTTOM LAYER OF ALL THE PROJECT AND HISTORICAL BORINGS (B-057-0-23, B-001-0-64, B-002-0-64, B-003-0-64 AND B-004-0-64) IS CLASSIFIED AS COHESIVE SOILS WITH VARYING DEPTHS: FROM 962.6 FT TO 939.4 FT IN BORING B-057-0-23, FROM 953.4 FT TO 944.9 FT IN B-001-0-64, FROM 953.4 FT TO 940.9 FT IN B-002-0-64, FROM 942.9 FT TO 938.9 FT IN B-003-0-64, AND 957.4 FT TO 944.9 FT ON B-004-0-64). THE COHESIVE SOILS WERE CLASSIFIED ON THE LOGS AS SANDY SILT (A-4a), SILT(A-4b), SILT AND CLAY (A-6a) AND SILTY CLAY (A-6b). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-a), GRAVEL WITH SAND (A-1-b), SANDY SILT (A-4a), AND GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A- 2- 4), GRAVEL AND STONE FRAGMENTS WITH SAND, SILT AND CLAY (A-2-6), FINE SAND (A-3), AND COARSE AND FINE SAND (A-3a). THESE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A SOFT TO HARD CONSISTENCY. THESE NON-COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF LOOSE TO VERY.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN THE HISTORICAL BORINGS AT DEPTHS BETWEEN 4.0 FT AND 23.5 FT BELOW GROUND SURFACE (AT ELEVATIONS BETWEEN 976.5 FT AND 989.8 FT). GROUNDWATER WAS ENCOUNTERED IN THE PROJECT BORING B-057-0-23 AT A DEPTH OF 20 FT BELOW GROUND SURFACE AT ELEVATION OF 985.9 FT.

TAYLOR ROAD BRIDGE OVER IR-70

AT THE PROPOSED TAYLOR ROAD BRIDGE SITE, NATURAL COHESIVE GLACIAL TILL SOILS ENCOUNTERED IN THE PROJECT BORINGS EXTENDED FROM THE GROUND SURFACE TO ELEVATIONS BETWEEN 912.9 FEET AND 915.0 FEET AMSL. THESE WERE FOLLOWED BY 7.5 TO 27 FEET OF GRANULAR SOILS AT ELEVATIONS BETWEEN 888.7 FEET AND 905.4 FEET, WHICH WERE UNDERLAIN BY COHESIVE SOILS EXTENDING TO THE END OF THE BORINGS. AN EXCEPTION WAS NOTED IN BORING B-100-0-23, WHERE 3.1 FEET OF NON-COHESIVE SOILS WERE INTERBEDDED WITH THE TOP COHESIVE SOILS FROM 923.1 FEET TO 920.0 FEET. SIMILARLY, IN BORING B- 101- 0- 23, 5.0 FEET OF COHESIVE SOILS WERE INTERBEDDED WITH THE MIDDLE NON- COHESIVE SOILS FROM 917.9 FEET TO 912.9 FEET. THE COHESIVE SOILS WERE CLASSIFIED ON THE LOGS AS SANDY SILT (A-4a) AND SILT AND CLAY (A-6a). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-a), GRAVEL WITH SAND (A-1-b), AND GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A- 2- 4), AND SANDY SILT (A-4a). THESE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A VERY STIFF TO HARD. THESE NON-COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF MEDIUM DENSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN ALL THE THREE PROJECT BORINGS DURING DRILLING AT DEPTHS BETWEEN 20.0 FT AND 22.5 FT BELOW GROUND SURFACE (AT THE ELEVATION BETWEEN 911.8 FT AND 912.3 FT). BEDROCK WAS NOT ENCOUNTERED WITHIN DEPTHS OF THE BORINGS PERFORMED AT THE BRIDGES SITE.

CIP WALLS NO. 7 AND NO. 8

AT THE PROPOSED CIP WALLS NO. 7 AND NO. 8, NATURAL GLACIAL TILL SOILS WERE ENCOUNTERED BENEATH THE SURFICIAL PAVEMENT. GENERALLY, THESE SOILS CONSIST PRIMARILY OF COHESIVE MATERIALS WITH MINOR GRANULAR COMPONENTS.
AT THE END SECTION OF RAMP H, ALL SOILS ENCOUNTERED WERE COHESIVE FROM THE GROUND SURFACE TO THE BOTTOM OF THE BORINGS (B-033-0-23, B-033-1-23, B-034-0-23, B-037-0-23, B-038-0-23). IN OTHER BORINGS (B-031-0-23, B-035-0-23, B-037-0-23, B-034-0-23, B-040-0-23) AT THE END SECTION OF RAMP H, VARIOUS SEAMS OF NON-COHESIVE MATERIALS WERE ENCOUNTERED WITHIN THE COHESIVE SOIL. THESE NON-COHESIVE SEAMS WERE FOUND AT VARYING DEPTHS: FROM 879.2 FEET TO 871.7 FEET IN B-031-0-23, FROM 902.7 FEET TO 899.2 FEET IN B-035-0-23, FROM 905.8 FEET TO 902.3 FEET IN B-037-0-23, AND FROM 902.8 FEET TO 895.3 FEET IN B-040-0-23, WITH THICKNESSES RANGING FROM 2.5 FEET TO 7.5 FEET.
AT THE BEGINNING SECTION OF RAMP H, THICKER GRANULAR MATERIALS WERE ENCOUNTERED IN THE BORING LOGS (B-039-0-23, B-086-0-23, B-087-0-23, AND B-088-0-23). NON-COHESIVE SOILS WERE FOUND AT VARYING DEPTHS: FROM 892.0 FEET TO 857.0 FEET IN B-039-0-23, FROM 894.9 FEET TO 885.4 FEET IN B-086-0-23, FROM 900.9 FEET TO 893.4 FEET IN B-087-0-23, AND FROM 911.1 FEET TO 898.6 FEET IN B-088-0-23, WITH THICKNESSES RANGING FROM 7.5 FEET TO 37 FEET.
THE COHESIVE SOILS WERE CLASSIFIED ON THE LOGS AS SANDY SILT (A-4A), SILT AND CLAY (A-6a) AND SILTY CLAY (A-6b). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-a), GRAVEL WITH SAND (A-1-b), SANDY SILT (A-4a), GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A-2-4), GRAVEL AND STONE FRAGMENTS WITH SAND, SILT AND CLAY (A-2-6), AND COARSE AND FINE SAND (A-3a).
THESE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A VERY STIFF TO HARD CONSISTENCY. THESE NON-COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF MEDIUM DENSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN FIVE OF THE PROJECT BORINGS DURING DRILLING AT DEPTHS BETWEEN 5.0 FT AND 20.0 FT BELOW GROUND SURFACE (AT THE ELEVATION BETWEEN 873.7 FT AND 911.1 FT). BEDROCK WAS NOT ENCOUNTERED WITHIN DEPTHS OF THE BORINGS PERFORMED AT THE BRIDGES SITE.

EXPLORATION FINDINGS (CONT.)

CIP WALL NO. 9 AND CULVERT BELOW TAYLOR ROAD

AT THE PROPOSED CIP WALL NO. 9 AND TAYLOR ROAD CULVERT SITE, THE NATURAL GLACIAL TILL SOILS CONSIST PRIMARILY OF COHESIVE MATERIALS WITH MINOR GRANULAR COMPONENTS. IN BORINGS (B-001-0-11, B-106-0-23, B-107-0-23, B-110-0-23), VARIOUS SEAMS OF NON-COHESIVE MATERIALS WERE ENCOUNTERED WITHIN THE BOREHOLES. THESE NON- COHESIVE SOILS WERE FOUND AT VARYING DEPTHS: FROM 905.0 FEET TO 898.0 FEET IN B-001-0-11, FROM 898.0 FEET TO 888.0 FEET IN B-106-0-23, FROM 906.7 FEET TO 894.9 FEET IN B-107-0-23, AND FROM 910.4 FEET TO 905.9 FEET IN B-110-0-23, WITH THICKNESSES RANGING FROM 4.5 FEET TO 11.8 FEET. AN EXCEPTION WAS NOTED IN BORING B-002-0-11, WHERE THICKER GRANULAR MATERIALS WERE ENCOUNTERED FROM 915.0 FEET TO 903.0 FEET AND FROM 900.5 FEET TO 893.5 FEET.
THE COHESIVE SOILS WERE CLASSIFIED ON THE LOGS AS SANDY SILT (A-4a), SILT AND CLAY (A-6a) AND SILTY CLAY (A-6b). THE GRANULAR SOILS ARE CLASSIFIED ON THE LOGS AS STONE FRAGMENTS(A-1-a), GRAVEL WITH SAND (A- 1- b), GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT (A- 2- 4), AND GRAVEL AND STONE FRAGMENTS WITH SAND, SILT AND CLAY (A-2-6).
THE COHESIVE SOILS CAN BE DESCRIBED AS HAVING A SOFT TO HARD CONSISTENCY. THESE NON-COHESIVE SOILS ARE DESCRIBED AS HAVING A RELATIVE COMPACTNESS OF MEDIUM DENSE TO VERY DENSE.
GROUNDWATER MEASUREMENTS WERE TAKEN DURING THE DRILLING PROCEDURES AND/OR IMMEDIATELY FOLLOWING THE COMPLETION OF EACH BOREHOLE. GROUNDWATER WAS ENCOUNTERED IN FOUR OF THE NEARBY BORINGS DURING DRILLING AT DEPTHS BETWEEN 10.0 FT AND 18.0 FT BELOW GROUND SURFACE (AT THE ELEVATION BETWEEN 894.1 FT AND 905.0 FT). BEDROCK WAS NOT ENCOUNTERED WITHIN DEPTHS OF THE BORINGS PERFORMED AT THE BRIDGES SITE.

SCOUR SAMPLES						
BORING ID	SAMPLE ID	SAMPLE ELEVATION (ft)	D_{50} (mm)	τ_c (psf)	D50, EQUIV VALUE (mm)	EROSION CATEGORY (EC)
BLACKLICK BRIDGE						
B-014-0-23	SS-1	824.6' - 823.1'	0.091	0.197	9.438	3.337
	SS-2	823.1' - 821.6'	0.063	0.080	3.833	2.975
	SS-3	821.6' - 820.1'	0.199	0.062	2.957	2.211
	SS-4	820.1' - 818.6'	0.225	0.005	0.225	1.423
	SS-7	815.6' - 814.1'	1.535	0.032	1.535	2.423
	SS-12	807.1' - 805.6'	0.032	0.157	7.503	2.361
B-015-0-23	SS-1	820.3' - 818.8'	0.683	0.014	0.683	2.001
	SS-2	818.8' - 817.3'	4.658	0.097	4.658	3.002
	SS-5	812.8' - 811.3'	1.836	0.038	1.836	2.517
	SS-6	810.3' - 808.8'	0.028	0.419	20.063	2.754
	SS-9	802.8' - 801.3'	0.062	0.252	12.088	2.868
B-016-0-23	SS-1	814.3' - 812.8'	3.997	0.083	3.997	2.922
	SS-2	812.8' - 811.3'	1.249	0.026	1.249	2.316
	SS-3	811.3' - 809.8'	3.585	0.075	3.585	2.865
	SS-4	809.8' - 808.3'	1.368	0.029	1.368	2.363
	SS-7	801.8' - 800.3'	0.067	0.252	12.049	2.754
B-017-0-23	SS-2	832.5' - 831.0'	0.008	0.401	19.204	3.983
	SS-6	825.5' - 824.0'	0.088	0.161	7.719	2.975
	SS-11	813.0' - 811.5'	3.332	0.070	3.332	2.827
	SS-15	800.5' - 799.0'	0.446	0.009	0.446	1.779
CULVERT AT TAYLOR ROAD						
B-106-0-23	SS-1	909.6' - 908.1'	0.046	0.319	15.280	3.550
	SS-2	907.1' - 905.6'	0.016	0.313	14.977	3.550
	SS-4	902.1' - 900.6'	0.055	0.123	5.906	3.168
	SS-6	897.1' - 895.6'	0.863	0.018	0.863	2.123
	SS-7	894.6' - 893.1'	1.229	0.026	1.229	2.307
B-110-0-23	SS-1	907.6' - 906.1'	1.509	0.051	2.420	3.075
	SS-3	902.6' -901.1'	0.044	0.570	27.288	2.868
	SS-10	885.1' - 883.6'	0.028	0.610	29.209	2.975

SPECIFICATIONS

THIS GEOTECHNICAL EXPLORATION WAS PERFORMED IN ACCORDANCE WITH THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, OFFICE OF GEOTECHNICAL ENGINEERING, SPECIFICATIONS FOR GEOTECHNICAL EXPLORATIONS, DATED JANUARY 2025.

AVAILABLE INFORMATION

THE SOIL, BEDROCK, AND GROUNDWATER INFORMATION COLLECTED FOR THIS SUBSURFACE EXPLORATION THAT CAN BE CONVENIENTLY DISPLAYED ON THE GEOTECHNICAL PROFILE SHEETS HAS BEEN PRESENTED. GEOTECHNICAL REPORTS, IF PREPARED, ARE AVAILABLE FOR REVIEW ON THE OFFICE OF CONTRACT SALES WEBSITE.

GEOTECHNICAL PROFILE - ROADWAY
EXPLORATION FINDINGS (CONT.)

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
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DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 3 TOTAL 206
SHEET P.1821 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:07:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IC003.dgn

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CONSOLIDATION AND UNCONFINED COMPRESSION TEST REPORTS, SHEET 12.					
LOCATION		**PLAN**	**PROFILE**	**STRUCTURE INCLUDED**	
FROM STA.	**TO STA.**			**BRIDGE NO.**	**SFN**
IR-70 MAINLINE					
BEGIN	6+00	13	13	-	-
6+00	18+50	14	14	-	-
18+50	31+00	15	15	-	-
31+00	42+50	16	16	-	-
BRIDGE NO. FAI-00070-00.840 IR 70 OVER BLACKLICK CREEK					
42+50	47+50	17	18	FAI-00070-00.840	2301565
IR-70 MAINLINE					
47+50	59+50	19	19	-	-
59+50	71+50	20	20	-	-
BRIDGE NO. FAI-00070-01.190 IR 70 BRIDGE OVER SR 256					
BEGIN	END	21	22	FAI-00070-01.190	2301654
IR-70 MAINLINE					
71+50	84+00	23	23	-	-
84+00	97+00	24	24	-	-
97+00	109+00	25	25	-	-
109+00	121+50	26	26	-	-
121+50	135+00	27	27	-	-
135+00	149+00	28	28	-	-
149+00	162+50	29	29	-	-
BRIDGE NO. LIC-00070-00.740L&R IR 70 BRIDGE OVER PALMER ROAD					
162+50	167+50	30	31	LIC-00070-00.740L LIC-00070-00.740R	4502885 4502915
IR-70 MAINLINE					
167+50	END	32	32	-	-
RAMP A					
BEGIN	57+50	33	33	-	-
57+50	END	34	34	-	-
RAMP B					
BEGIN	END	35	35	-	-
RAMP C					
BEGIN	72+00	36	36	-	-
72+00	END	37	37	-	-
RAMP D					
BEGIN	70+00	38	38	-	-
70+00	END	39	39	-	-
RAMP E					
BEGIN	44+00	40	40	-	-
44+00	58+50	41	41	-	-
58+50	END	42	42	-	-
RAMP G					
BEGIN	103+00	43	43	-	-
103+00	END	44	44	-	-

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RAMP H					
BEGIN	187+00	45	45	-	-
87+00	101+00	46	47	-	-
101+00	END	48	48	-	-
RAMP I					
BEGIN	127+00	49	49	-	-
127+00	END	50	50	-	-
RAMP J					
BEGIN	END	51	51	-	-
RAMP K					
BEGIN	59+50	52	52	-	-
59+50	72+00	53	53	-	-
72+00	84+50	54	54	-	-
84+50	END	55	55	-	-
SR-204					
36+00	48+50	56	56	-	-
SR-256					
16+00	27+00	57	57	-	-
27+00	36+00	58	58	-	-
GEORGIAN DRIVE					
99+00	104+00	59	59	-	-
PALMER ROAD					
16+00	29+00	60	60	-	-
TAYLOR ROAD					
13+00	26+00	61	61	-	-
26+00	39+00	62	62	-	-
39+00	44+00	63	64	-	-
44+00	58+50	65	65	-	-
TAYLOR ROAD S.W.					
11+50	16+50	66	66	-	-
BRIDGE NO. FAI-TR219-00.044 TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK					
BEGIN	END	67	68	FAI-TR219-00.044	2335817
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CIP WALL NO. 8 ALONG RAMP H					
BEGIN	END	71	72	-	-
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD					
BEGIN	END	73	74	-	-
NOISE WALL A1					
9+00	14+00	75	75	-	-
NOISE WALL A2					
9+20	14+00	76	76	-	-
14+00	19+80	77	77	-	-
19+80	25+60	78	78	-	-
25+60	31+40	79	79	-	-
31+40	37+20	80	80	-	-
37+20	43+00	81	81	-	-
43+00	48+00	82	82	-	-
48+00	53+00	83	83	-	-
53+00	58+00	84	84	-	-

INDEX OF SHEETS (CONT.)					
NOISE WALL A3					
9+80	15+60	85	85	-	-
15+60	21+40	86	86	-	-
NOISE WALL A4					
9+60	14+40	87	87	-	-
14+40	19+20	88	88	-	-
NOISE WALL A5					
9+40	14+40	89	89	-	-
14+40	19+40	90	90	-	-
19+40	24+40	91	91	-	-
NOISE WALL B1					
9+60	15+20	92	92	-	-
15+20	20+20	93	93	-	-
20+20	25+80	94	94	-	-
NOISE WALL B2					
9+40	14+60	95	95	-	-
NOISE WALL B3					
9+60	13+60	96	96	-	-
NOISE WALL C					
9+40	15+00	97	97	-	-
15+00	20+60	98	98	-	-
20+60	25+60	99	99	-	-
NOISE WALL F					
9+40	14+40	100	101	-	-
14+40	20+20	102	103	-	-
20+20	26+00	104	105	-	-
26+00	31+80	106	107	-	-
NOISE WALL J1					
9+60	14+60	108	108	-	-
14+60	19+60	109	109	-	-
19+60	24+40	110	110	-	-
24+40	30+20	111	111	-	-
30+20	36+00	112	112	-	-
36+00	41+80	113	113	-	-
41+80	47+60	114	114	-	-
47+60	53+40	115	115	-	-
NOISE WALL J2					
9+00	14+00	116	116	-	-
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GEOTECHNICAL PROFILE - ROADWAY
INDEX OF SHEETS

FAI/LIC-70-0.00-0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:07:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d04-Engineering_NEAS\Geotechnical\Sheets\96808_IC004.dgn

DESIGN AGENCY
NEAS National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 4 | TOTAL 206
SHEET P.1822 | TOTAL P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:07:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID001.dgn

SUMMARY OF SOIL TEST DATA
IR-70

EXPLORATION NO., STATION & OFFSET	SAMPLE FROM	TO	ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-001-0-23	01.50	03.00	SS-1	39	39	4.50	32	16	14	26	12	21	13	8	7	A-4a (1)	1400
STA. 637+93, 75' LT.	03.00	04.50	SS-2	23	28	4.50	16	17	18	34	15	21	15	6	8	A-4a (3)	
LATITUDE = 39.931995	04.50	06.00	SS-3	15	11			GRAY, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY							7	A-2-4 (VISUAL)	
LONGITUDE = -82.812639	06.00	07.50	SS-4	18	22					SAME AS SS-3					12	A-2-4 (VISUAL)	
B-002-0-23	01.50	03.00	SS-1	21	39		43	25	14	12	6	NP	NP	NP	11	A-1-b (0)	1480
STA. 0+49, 75' RT.	03.00	04.50	SS-2	17	39	4.50	19	13	18	29	21	42	25	17	19	A-7-6 (6)	
LATITUDE = 39.931511	04.50	06.00	SS-3	24	11					SAME AS SS-2					12	A-7-6 (VISUAL)	
LONGITUDE = -82.811384	06.00	07.50	SS-4	19	11					SAME AS SS-2					14	A-7-6 (VISUAL)	
B-003-0-23	01.50	03.00	SS-1	18	44	4.50	11	13	18	33	25	28	17	11	13	A-6a (5)	427
STA. 4+87, 79' LT.	03.00	04.50	SS-2	15	50	4.50	19	12	15	30	24	27	16	11	12	A-6a (4)	
LATITUDE = 39.931847	04.50	06.00	SS-3	8	72	4.50					SAME AS SS-2				12	A-6a (VISUAL)	
LONGITUDE = -82.809788	06.00	07.50	SS-4	13	83	4.50					SAME AS SS-2				13	A-6a (VISUAL)	
B-004-0-23	01.50	03.00	SS-1	19	72	4.50	26	11	13	28	22	27	16	11	11	A-6a (3)	93
STA. 7+94, 84' RT.	03.00	04.50	SS-2	22	56	4.50	11	10	11	34	34	33	19	14	13	A-6a (8)	
LATITUDE = 39.931339	04.50	06.00	SS-3	34	44	4.50					SAME AS SS-2				11	A-6a (VISUAL)	
LONGITUDE = -82.808739	06.00	07.50	SS-4	29	33	4.25					SAME AS SS-2				14	A-6a (VISUAL)	
B-005-0-23	01.50	03.00	SS-1	10	33	4.50	24	12	14	26	24	28	17	11	14	A-6a (3)	380
STA. 11+68, 77' LT.	03.00	04.50	SS-2	15	72	3.50	12	13	15	33	27	27	16	11	15	A-6a (5)	
LATITUDE = 39.931706	04.50	06.00	SS-3	6	39	3.75					SAME AS SS-2				14	A-6a (VISUAL)	
LONGITUDE = -82.807367	06.00	07.50	SS-4	5	28	3.00					SAME AS SS-2				15	A-6a (VISUAL)	
B-006-0-23	01.50	03.00	SS-1	47	83	4.50	27	16	17	27	13	34	25	9	14	A-4a (1)	1840
STA. 15+44, 75' RT.	03.00	04.50	SS-2	33	33	4.50					SAME AS SS-1				16	A-4a (VISUAL)	
LATITUDE = 39.931214	04.50	06.00	SS-3	38	33	3.75	11	10	13	33	33	34	16	18	16	A-6b (9)	
LONGITUDE = -82.806068	00.00	00.00	SS-4	31	0												
B-007-0-23	01.50	03.00	SS-1	45	22		38	15	15	20	12	33	24	9	13	A-2-4 (0)	2907
STA. 19+15, 74' LT.	03.00	04.50	SS-2	18	33	4.00	13	12	13	32	30	34	19	15	14	A-6a (7)	
LATITUDE = 39.931549	04.50	06.00	SS-3	18	67	4.00					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.804712	06.00	07.50	SS-4	24	72	3.50					SAME AS SS-2				24	A-6a (VISUAL)	
B-008-0-23	01.50	03.00	SS-1	16	39	3.25	14	10	15	31	30	34	18	16	17	A-6b (8)	1747
STA. 22+91, 82' RT.	03.00	04.50	SS-2	16	33	4.50	10	8	12	33	37	37	19	18	18	A-6b (10)	
LATITUDE = 39.931046	04.50	06.00	SS-3	16	39	4.25					SAME AS SS-2				20	A-6b (VISUAL)	
LONGITUDE = -82.803415	06.00	07.50	SS-4	16	33	4.25					SAME AS SS-2				20	A-6b (VISUAL)	
B-009-0-23	01.50	03.00	SS-1	15	72	4.50	15	14	16	31	24	26	17	9	13	A-4a (4)	180
STA. 26+55, 78' LT.	03.00	04.50	SS-2	16	33	4.50	18	12	15	31	24	26	16	10	13	A-4a (4)	
LATITUDE = 39.931417	04.50	06.00	SS-3	17	67	4.50					SAME AS SS-2				12	A-4a (VISUAL)	
LONGITUDE = -82.802087	06.00	07.50	SS-4	17	78	4.50					SAME AS SS-2				16	A-4a (VISUAL)	
B-011-0-23	01.50	03.00	SS-1	15	39	3.25	7	6	10	34	43	44	20	24	22	A-7-6 (14)	220
STA. 33+89, 80' LT.	03.00	04.50	SS-2	12	28	2.25	3	5	10	35	47	47	21	26	24	A-7-6 (16)	
LATITUDE = 39.931521	04.50	06.00	SS-3	10	39	2.75					SAME AS SS-2				23	A-7-6 (VISUAL)	
LONGITUDE = -82.799531	06.00	07.50	SS-4	16	78	4.00					SAME AS SS-2				22	A-7-6 (VISUAL)	
B-013-0-23	01.50	03.00	SS-1	16	67	4.50	6	7	11	40	36	36	19	17	18	A-6b (11)	260
STA. 41+27, 81' LT.	03.00	04.50	SS-2	13	72	2.75	4	5	10	47	34	33	19	14	19	A-6a (10)	
LATITUDE = 39.931993	04.50	06.00	SS-3	18	78	4.25					SAME AS SS-2				17	A-6a (VISUAL)	
LONGITUDE = -82.797021	06.00	07.50	SS-4	25	50	4.50					SAME AS SS-2				20	A-6a (VISUAL)	
B-020-0-23	01.50	03.00	SS-1	44	67		32	18	18	23	9	34	27	7	16	A-2-4 (0)	2920
STA. 56+38, 75' RT.	03.00	04.50	SS-2	15	28	4.50	26	15	14	25	20	32	17	15	14	A-6a (4)	
LATITUDE = 39.932847	04.50	06.00	SS-3	12	44	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.791719	06.00	07.50	SS-4	30	50	4.50					SAME AS SS-2				14	A-6a (VISUAL)	
B-021-0-23	01.50	03.00	SS-1	23	28		46	18	14	16	6	NP	NP	NP	8	A-1-b (0)	0
STA. 60+07, 82' LT.	03.00	04.50	SS-2	13	28		37	24	13	19	7	NP	NP	NP	9	A-2-4 (0)	
LATITUDE = 39.933564	04.50	06.00	SS-3	16	11						SAME AS SS-2				7	A-2-4 (VISUAL)	
LONGITUDE = -82.790635	06.00	07.50	SS-4	13	22						SAME AS SS-2				9	A-2-4 (VISUAL)	
B-024-0-23	01.50	03.00	SS-1	35	39	4.25	22	10	14	28	26	31	18	13	13	A-6a (5)	313
STA. 68+76, 81' LT.	03.00	04.50	SS-2	29	28	4.25	10	11	16	34	29	29	17	12	12	A-6a (6)	
LATITUDE = 39.934284	04.50	06.00	SS-3	18	78	4.25					SAME AS SS-2				13	A-6a (VISUAL)	
LONGITUDE = -82.787684	06.00	07.50	SS-4	29	67	4.25					SAME AS SS-2				14	A-6a (VISUAL)	
B-025-0-23	01.50	03.00	SS-1	34	44	4.50	20	9	13	32	26	30	17	13	12	A-6a (6)	147
STA. 72+32, 24' LT.	03.00	04.50	SS-2	41	72	4.50	9	10	15	36	30	29	17	12	13	A-6a (7)	
LATITUDE = 39.934434	04.50	06.00	SS-3	40	78	4.50					SAME AS SS-2				12	A-6a (VISUAL)	
LONGITUDE = -82.786413	06.00	07.50	SS-4	19	11	4.50					SAME AS SS-2				11	A-6a (VISUAL)	
B-026-0-23	01.50	03.00	SS-1	23	56	4.50	23	10	14	29	24	28	16	12	13	A-6a (4)	140
STA. 75+44, 89' RT.	03.00	04.50	SS-2	21	56	4.50	7	11	17	35	30	29	16	13	14	A-6a (7)	
LATITUDE = 39.934397	04.50	06.00	SS-3	23	78	4.50					SAME AS SS-2				13	A-6a (VISUAL)	
LONGITUDE = -82.785230	06.00	07.50	SS-4	23	50	4.50					SAME AS SS-2				11	A-6a (VISUAL)	
B-027-0-23	01.50	03.00	SS-1	13	44	4.25	13	10	14	33	30	34	18	16	16	A-6b (8)	267
STA. 79+33, 89' LT.	03.00	04.50	SS-2	13	78	2.25	6	8	14	35	37	36	17	19	19	A-6b (11)	
LATITUDE = 39.935188	04.50	06.00	SS-3	17	50	4.25					SAME AS SS-2				12	A-6b (VISUAL)	
LONGITUDE = -82.784103	06.00	07.50	SS-4	28	50	3.50					SAME AS SS-2				22	A-6b (VISUAL)	
B-028-0-23	01.50	03.00	SS-1	51	78		20	18	23	29	10	NP	NP	NP	18	A-4a (1)	2173
STA. 82+87, 93' RT.	03.00	04.50	SS-2	18	83	4.50	9	10	16	37	28	25	15	10	12	A-4a (6)	
LATITUDE = 39.935008	04.50	06.00	SS-3	23	106	4.50					SAME AS SS-2				12	A-4a (VISUAL)	
LONGITUDE = -82.782701	06.00	06.33	SS-4	50/4"	100	4.50					SAME AS SS-2				11	A-4a (VISUAL)	
B-029-0-23	01.50	03.00	SS-1	33	39	4.50	20	13	16	30	21	29	18	11	12	A-6a (4)	500
STA. 86+44, 79' LT.	03.00	04.50	SS-2	15	33	4.50	19	12	15	31	23	26	15	11	12	A-6a (4)	
LATITUDE = 39.935757	04.50	06.00	SS-3	15	56	4.50		BROWNISH GRAY, SILTY CLAY, LITTLE TO SOME SAND, TRACE TO LITTLE GRAVEL							13	A-6b (VISUAL)	
LONGITUDE = -82.781674	06.00	07.50	SS-4	16	33	4.25					SAME AS SS-3				15	A-6b (VISUAL)	
	07.50	09.00	SS-5	27	33	3.00					SAME AS SS-3				22	A-6b (VISUAL)	

DESIGN AGENCY
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DESIGNER DT
REVIEWER CH
08/21/26
PROJECT ID 96808
SUBSET 5 TOTAL 206
SHEET P.1823 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:08:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID002.dgn

SUMMARY OF SOIL TEST DATA
IR-70

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-030-0-23	01.50	03.00	SS-1	21	56		48	17	11	19	5	NP	NP	NP	7	A-1-b (0)	80
STA. 90+11, 82' RT.	03.00	04.50	SS-2	6	22		63	12	8	12	5	NP	NP	NP	7	A-1-b (0)	
LATITUDE = 39.935639	04.50	06.00	SS-3	11	28	4.25	6	9	15	36	34	33	18	15	16	A-6a (9)	
LONGITUDE = -82.780254	06.00	07.50	SS-4	11	39	4.50					SAME AS SS-3				15	A-6a (VISUAL)	
B-041-0-23	00.00	01.50	SS-1	16	100	4.50	13	12	20	32	23	25	15	10	11	A-4a (4)	173
STA. 106+07, 93' RT.	01.50	03.00	SS-2	14	100	4.50	8	9	16	39	28	28	16	12	14	A-6a (7)	
LATITUDE = 39.936942	03.00	04.50	SS-3	12	89	4.00					SAME AS SS-2				13	A-6a (VISUAL)	
LONGITUDE = -82.774819	04.50	06.00	SS-4	11	100	3.75					SAME AS SS-2				14	A-6a (VISUAL)	
	06.00	07.50	SS-5	13	100	2.00					SAME AS SS-2				14	A-6a (VISUAL)	
B-042-0-23	01.50	03.00	SS-1	13	44	4.50	21	16	18	31	14	29	21	8	16	A-4a (2)	267
STA. 109+64, 76' LT.	03.00	04.50	SS-2	8	67	3.50	10	11	16	37	26	26	16	10	14	A-4a (6)	
LATITUDE = 39.937682	04.50	06.00	SS-3	10	44	3.50					SAME AS SS-2				14	A-4a (VISUAL)	
LONGITUDE = -82.773791	06.00	07.50	SS-4	7	11	3.50					SAME AS SS-2				13	A-4a (VISUAL)	
B-043-0-23	01.50	03.00	SS-1	13	56	4.50	24	9	14	33	20	29	19	10	17	A-4a (4)	20
STA. 115+11, 78' RT.	03.00	04.50	SS-2	12	67	4.25	20	8	14	35	23	26	16	10	14	A-4a (5)	
LATITUDE = 39.937736	04.50	06.00	SS-3	8	78	3.25					SAME AS SS-2				16	A-4a (VISUAL)	
LONGITUDE = -82.771765	06.00	07.50	SS-4	24	78	3.00					SAME AS SS-2				14	A-4a (VISUAL)	
B-044-0-23	00.00	01.50	SS-1	14	100	4.50	10	11	19	35	25	24	16	8	13	A-4a (5)	53
STA. 118+94, 23' LT.	01.50	03.00	SS-2	24	44	4.50	15	11	20	33	21	24	16	8	12	A-4a (4)	
LATITUDE = 39.938343	03.00	04.50	SS-3	11	28						SAME AS SS-4				17	A-2-6 (VISUAL)	
LONGITUDE = -82.770588	04.50	06.00	SS-4	7	39		49	13	12	14	12	36	19	17	20	A-2-6 (1)	
	06.00	07.50	SS-5	14	39	3.00			BROWN, SILT AND CLAY, SOME SAND, TRACE GRAVEL						18	A-6a (VISUAL)	
B-045-0-23	01.50	03.00	SS-1	19	67	4.50	17	9	14	33	27	30	17	13	12	A-6a (6)	60
STA. 122+38, 83' RT.	03.00	04.50	SS-2	11	72	4.50					SAME AS SS-1				14	A-6a (VISUAL)	
LATITUDE = 39.938445	04.50	06.00	SS-3	17	78	4.00	2	3	10	46	39	36	20	16	22	A-6b (10)	
LONGITUDE = -82.769305	06.00	07.50	SS-4	15	72	2.50					SAME AS SS-3				28	A-6b (VISUAL)	
B-046-0-23	01.50	03.00	SS-1	15	44	4.50	7	7	13	32	41	41	19	22	21	A-7-6 (13)	253
STA. 126+00, 80' LT.	03.00	04.50	SS-2	12	67	2.50	6	7	15	37	35	36	17	19	18	A-6b (11)	
LATITUDE = 39.939285	04.50	06.00	SS-3	13	72	2.00					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.768405	06.00	07.50	SS-4	18	67	4.50					SAME AS SS-2				16	A-6b (VISUAL)	
B-047-0-23	01.50	03.00	SS-1	38	39	4.50	23	11	12	30	24	32	17	15	10	A-6a (6)	127
STA. 129+66, 79' RT.	03.00	04.50	SS-2	27	44	4.00	10	8	14	35	33	35	17	18	16	A-6b (10)	
LATITUDE = 39.939408	04.50	06.00	SS-3	24	28	4.00					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.766994	06.00	07.50	SS-4	25	22	4.00					SAME AS SS-2				22	A-6b (VISUAL)	
B-048-0-23	00.00	01.50	SS-1	21	100	4.50	8	6	11	47	28	33	20	13	15	A-6a (9)	13
STA. 133+47, 23' LT.	01.50	03.00	SS-2	26	100	4.25					SAME AS SS-1				18	A-6a (VISUAL)	
LATITUDE = 39.940225	03.00	04.50	SS-3	8	100	4.25	2	5	11	54	28	36	25	11	27	A-6a (8)	
LONGITUDE = -82.766058	04.50	06.00	SS-4	14	100	4.00	6	5	14	36	39	43	20	23	20	A-7-6 (14)	
			SS-5	29	100	4.50			BROWN, SANDY SILT, LITTLE CLAY, TRACE GRAVEL						14	A-4a (VISUAL)	
B-049-0-23	00.00	01.50	SS-1	13	100	4.50	13	6	11	34	36	43	20	23	18	A-7-6 (13)	360
STA. 137+17, 24' RT.	01.50	03.00	SS-2	24	100	4.50	8	6	15	37	34	35	19	16	17	A-6b (10)	
LATITUDE = 39.940739	03.00	04.50	SS-3	22	100	4.50					SAME AS SS-2				13	A-6b (VISUAL)	
LONGITUDE = -82.764910	04.50	06.00	SS-4	20	100	3.75					SAME AS SS-2				15	A-6b (VISUAL)	
	06.00	07.17	SS-5	3/12/50/2'	86	4.25					SAME AS SS-2				15	A-6b (VISUAL)	
B-050-0-23	00.00	01.50	SS-1	12	83	4.50	19	5	8	49	19	36	19	17	16	A-6b (9)	0
STA. 140+79, 27' LT.	01.50	03.00	SS-2	25	100	4.25	6	5	12	40	37	36	20	16	19	A-6b (10)	
LATITUDE = 39.941486	03.00	04.50	SS-3	14	89	4.50					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.764038	04.50	06.00	SS-4	26	83	4.50					SAME AS SS-2				18	A-6b (VISUAL)	
	06.00	07.50	SS-5	41	89	4.50					SAME AS SS-2				14	A-6b (VISUAL)	
B-051-0-23	00.00	01.50	SS-1	7	100	2.50	9	9	12	36	34	39	21	18	19	A-6b (10)	87
STA. 144+48, 26' RT.	01.50	03.00	SS-2	24	44	4.50					SAME AS SS-1				20	A-6b (VISUAL)	
LATITUDE = 39.942028	03.00	04.50	SS-3	26	100	4.50	8	8	14	39	31	31	17	14	14	A-6a (9)	
LONGITUDE = -82.762907	04.50	06.00	SS-4	28	33	4.50					BROWN, SILTY CLAY, LITTLE SAND, TRACE GRAVEL				18	A-6b (VISUAL)	
	06.00	07.50	SS-5	25	28	4.25					SAME AS SS-4				19	A-6b (VISUAL)	
B-052-0-23	00.00	01.50	SS-1	9	89	3.25	5	4	12	34	45	47	20	27	21	A-7-6 (16)	327
STA. 148+21, 25' LT.	01.50	03.00	SS-2	22	100	3.25					SAME AS SS-1				14	A-7-6 (VISUAL)	
LATITUDE = 39.942791	03.00	04.50	SS-3	22	100	4.50	7	10	17	36	30	31	17	14	15	A-6a (8)	
LONGITUDE = -82.762004	04.50	06.00	SS-4	22	100	4.50					SAME AS SS-3				15	A-6a (VISUAL)	
			SS-5	30	100	4.50					SAME AS SS-3				13	A-6a (VISUAL)	
B-053-0-23	00.00	01.50	SS-1	11	100	4.00	17	7	14	33	29	29	18	11	14	A-6a (6)	33
STA. 151+86, 25' RT.	01.50	03.00	SS-2	18	100	4.50	7	11	16	38	28	25	15	10	14	A-4a (6)	
LATITUDE = 39.943330	03.00	04.50	SS-3	24	100	4.50					SAME AS SS-2				13	A-4a (VISUAL)	
LONGITUDE = -82.760894	04.50	06.00	SS-4	20	100	4.50					SAME AS SS-2				14	A-4a (VISUAL)	
			SS-5	30	100	4.50					SAME AS SS-2				14	A-4a (VISUAL)	
B-054-0-23	00.00	01.50	SS-1	8	100	4.00	9	18	12	33	28	35	19	16	16	A-6b (8)	93
STA. 155+65, 25' LT.	01.50	03.00	SS-2	13	100	3.00	7	7	14	39	33	34	17	17	19	A-6b (10)	
LATITUDE = 39.944104	03.00	04.50	SS-3	14	100	3.00					SAME AS SS-2				22	A-6b (VISUAL)	
LONGITUDE = -82.759972	04.50	06.00	SS-4	9	100	4.25					SAME AS SS-2				22	A-6b (VISUAL)	
			SS-5	22	100	4.50					SAME AS SS-2				20	A-4b (VISUAL)	
B-055-0-23	00.00	01.50	SS-1	8	100	4.50	6	8	14	42	30	32	18	14	18	A-6a (9)	7
STA. 159+20, 21' RT.	01.50	03.00	SS-2	22	100	4.50	14	11	18	32	25	31	17	14	15	A-6a (6)	
LATITUDE = 39.944633	03.00	04.50	SS-3	17	100	4.50					SAME AS SS-2				17	A-6a (VISUAL)	
LONGITUDE = -82.758897	04.50	06.00	SS-4	13	100	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
			SS-5	18	100	4.25					SAME AS SS-2				17	A-6a (VISUAL)	
B-056-0-23	00.00	01.50	SS-1	14	100	4.50	16	10	14	34	26	32	18	14	14	A-6a (7)	7
STA. 161+99, 22' LT.	01.50	03.00	SS-2	17	100	4.50	15	12	21	27	25	31	16	15	15	A-6a (5)	
LATITUDE = 39.945217	03.00	04.50	SS-3	12	83	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.758233	04.50	06.00	SS-4	13	100	4.50					SAME AS SS-2				21	A-6a (VISUAL)	
			SS-5	24	100	4.50					SAME AS SS-2				18	A-6a (VISUAL)	
B-058-0-23	01.50	03.00	SS-1	11	50	2.50	6	9	16	41	28	30	17	13	17	A-6a (8)	20
STA. 170+05, 31' RT.	03.00	04.50	SS-2	12	22	4.25	6	7	13	38	36	36	19	17	18	A-6b (11)	
LATITUDE = 39.946525	04.50	06.00	SS-3	17	33	4.50					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.755909	06.00	07.50	SS-4	17	39	4.50					SAME AS SS-2				14	A-6b (VISUAL)	
B-059-0-23	01.50	03.00	SS-1	18	67	4.50	4	5	14	49	28	31	21	10	18	A-4a (8)	373
STA. 173+98, 40' LT.	03.00	04.50	SS-2	17	50	4.50	5	4	12	45	34	33	18	15	19	A-6a (10)	
LATITUDE = 39.947371	04.50	06.00	SS-3	15	39	4.50					SAME AS SS-2				19	A-6a (VISUAL)	
LONGITUDE = -82.754998	06.00	07.50	SS-4	16	33	4.50					SAME AS SS-2				13	A-6a (VISUAL)	

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:09:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID003.dgn

SUMMARY OF SOIL TEST DATA
SR-256

EXPLORATION NO., STATION & OFFSET	SAMPLE FROM	TO	ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-063-0-23	01.50	03.00	SS-1	18	44	4.50	25	13	13	28	21	30	17	13	11	A-6a (4)	1653
STA. 17+02, 54' LT.	03.00	04.50	SS-2	15	50	4.50	15	11	15	35	24	26	15	11	11	A-6a (5)	
LATITUDE = 39.931454	04.50	06.00	SS-3	16	72	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
LONGITUDE = -82.789246	06.00	07.50	SS-4	24	44	4.50					SAME AS SS-1				11	A-6a (VISUAL)	
B-066-0-23	01.50	03.00	SS-1	18	28	4.25	33	12	11	26	18	32	18	14	12	A-6a (3)	373
STA. 19+84, 62' RT.	03.00	04.50	SS-2	18	67	4.50	17	11	14	33	25	31	18	13	14	A-6a (6)	
LATITUDE = 39.932254	04.50	06.00	SS-3	24	67	4.50					SAME AS SS-1				13	A-6a (VISUAL)	
LONGITUDE = -82.788936	06.00	07.50	SS-4	21	72	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
B-070-0-23	01.50	03.00	SS-1	29	11				GRAY, STONE FRAGMENTS, LITTLE SAND, TRACE SILT, TRACE CLAY						6	A-1-a (VISUAL)	
STA. 28+33, 53' RT.	03.00	04.50	SS-2	13	22	4.50					SAME AS SS-3				9	A-6a (VISUAL)	
LATITUDE = 39.934570	04.50	06.00	SS-3	13	44	4.50	16	12	16	32	24	26	15	11	11	A-6a (5)	
LONGITUDE = -82.789265	06.00	07.50	SS-4	17	39	4.50	12	12	17	36	23	26	15	11	12	A-6a (5)	
B-079-0-23	01.50	03.00	SS-1	30	17		39	22	14	17	8	NP	NP	NP	6	A-1-b (0)	1920
STA. 30+98, 60' LT.	03.00	04.50	SS-2	11	22	3.50	23	20	18	24	15	31	16	15	13	A-6a (2)	
LATITUDE = 39.935252	04.50	06.00	SS-3	11	39	2.75				BROWN, CLAY, SOME SILT, LITTLE SAND, TRACE GRAVEL					18	A-7-6 (VISUAL)	
LONGITUDE = -82.789785	06.00	07.50	SS-4	11	17					BROWN, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY					15	A-2-4 (VISUAL)	
B-080-0-23	01.50	03.00	SS-1	4	44	3.00	30	13	12	29	16	34	20	14	17	A-6a (3)	300
STA. 35+06, 63' LT.	03.00	04.50	SS-2	8	56	2.00	8	6	10	43	33	49	22	27	24	A-7-6 (17)	
LATITUDE = 39.936329	04.50	06.00	SS-3	8	72	2.25					SAME AS SS-2				24	A-7-6 (VISUAL)	
LONGITUDE = -82.790095	06.00	07.50	SS-4	7	28	2.50					SAME AS SS-2				31	A-7-6 (VISUAL)	

SUMMARY OF SOIL TEST DATA
SR-204

EXPLORATION NO., STATION & OFFSET	SAMPLE FROM	TO	ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-111-0-23	01.50	03.00	SS-1	19	50	4.50	26	19	17	27	11	25	16	9	13	A-4a (1)	100
STA. 47+10, 10' RT.	03.00	04.50	SS-2	19	39	4.50					SAME AS SS-1				10	A-4a (VISUAL)	
LATITUDE = 39.930814	04.50	06.00	SS-3	11	17		18	34	19	19	10	NP	NP	NP	9	A-3a (0)	
LONGITUDE = -82.771979	06.00	07.50	SS-4	12	22						SAME AS SS-3				9	A-3a (VISUAL)	
B-112-0-23	01.50	03.00	SS-1	25	44	4.50	11	12	18	36	23	27	17	10	13	A-4a (5)	0
STA. 45+30, 11' LT.	03.00	04.50	SS-2	18	61	4.50	12	13	17	35	23	28	19	9	15	A-4a (5)	
LATITUDE = 39.931001	04.50	06.00	SS-3	8	28	4.50					SAME AS SS-1				15	A-4a (VISUAL)	
LONGITUDE = -82.772576	06.00	07.50	SS-4	11	33	4.00					SAME AS SS-1				16	A-4a (VISUAL)	
B-113-0-23	01.50	03.00	SS-1	16	39	2.75	17	9	14	30	30	34	18	16	17	A-6b (7)	220
STA. 40+75, 11' LT.	03.00	04.50	SS-2	21	33	4.50	9	8	15	37	31	33	17	16	15	A-6b (9)	
LATITUDE = 39.930927	04.50	06.00	SS-3	16	33	4.50					SAME AS SS-1				18	A-6b (VISUAL)	
LONGITUDE = -82.774199	06.00	07.50	SS-4	19	28	4.50					SAME AS SS-1				17	A-6b (VISUAL)	
B-114-0-23	01.50	03.00	SS-1	8	44	3.00	10	12	17	44	17	26	16	10	14	A-4a (5)	20
STA. 37+02, 5' RT.	03.00	04.50	SS-2	13	39	2.50	6	9	14	37	34	36	18	18	18	A-6b (10)	
LATITUDE = 39.930564	04.50	06.00	SS-3	23	28	4.50					SAME AS SS-2				18	A-6b (VISUAL)	
LONGITUDE = -82.775443	06.00	07.50	SS-4	19	33	4.50					SAME AS SS-2				14	A-6b (VISUAL)	

SUMMARY OF SOIL TEST DATA
TAYLOR ROAD

EXPLORATION NO., STATION & OFFSET	SAMPLE FROM	TO	ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-093-0-23	01.50	03.00	SS-1	21	28	4.00	8	11	14	34	33	37	20	17	17	A-6b (9)	173
STA. 13+46, 8' LT.	03.00	04.50	SS-2	21	22	3.75	7	13	17	33	30	31	17	14	16	A-6a (7)	
LATITUDE = 39.930260	04.50	06.00	SS-3	17	28	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.773813	06.00	07.50	SS-4	21	33	3.75					SAME AS SS-2				15	A-6a (VISUAL)	
B-094-0-23	01.50	03.00	SS-1	16	17		47	14	10	20	9	NP	NP	NP	8	A-2-4 (0)	880
STA. 17+52, 19' RT.	03.00	04.50	SS-2	18	44	4.50	15	9	15	35	26	29	17	12	14	A-6a (6)	
LATITUDE = 39.931336	04.50	06.00	SS-3	15	72	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.773490	06.00	07.50	SS-4	23	39	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
B-095-0-23	01.50	03.00	SS-1	21	72	4.50	10	9	14	36	31	35	18	17	16	A-6b (9)	153
STA. 21+44, 19' LT.	03.00	04.50	SS-2	27	56	4.50	8	11	14	35	32	33	17	16	14	A-6b (9)	
LATITUDE = 39.932415	04.50	06.00	SS-3	21	78	4.50					SAME AS SS-1				14	A-6b (VISUAL)	
LONGITUDE = -82.773530	06.00	07.50	SS-4	24	44	4.50					SAME AS SS-1				14	A-6b (VISUAL)	
B-096-0-23	01.50	03.00	SS-1	13	56	3.50	4	6	12	34	44	40	18	22	20	A-6b (13)	20
STA. 25+37, 15' RT.	03.00	04.50	SS-2	19	61	4.50	8	11	13	33	35	35	19	16	16	A-6b (9)	
LATITUDE = 39.933486	04.50	06.00	SS-3	25	50	4.50					SAME AS SS-1				14	A-6b (VISUAL)	
LONGITUDE = -82.773315	06.00	07.50	SS-4	24	56	4.50					SAME AS SS-1				14	A-6b (VISUAL)	
B-097-0-23	01.50	03.00	SS-1	6	33	3.50	16	14	13	31	26	35	19	16	18	A-6b (7)	60
STA. 29+41, 19' RT.	03.00	04.50	SS-2	16	78	3.00	12	6	12	36	34	39	18	21	19	A-6b (11)	
LATITUDE = 39.934580	04.50	06.00	SS-3	8	17	3.50					SAME AS SS-1				18	A-6b (VISUAL)	
LONGITUDE = -82.773156	06.00	07.50	SS-4	10	22	4.25					SAME AS SS-1				14	A-6b (VISUAL)	
B-098-0-23	02.50	04.00	SS-1	9	100	2.50	15	7	14	33	31	42	20	22	19	A-7-6 (11)	
STA. 33+45, 2' RT.	05.00	06.50	SS-2	12	78	2.50					SAME AS SS-1				20	A-7-6 (VISUAL)	
LATITUDE = 39.935651	07.50	09.00	SS-3	17	100	4.00	6	10	20	38	26	28	17	11	16	A-6a (6)	
LONGITUDE = -82.772804	10.00	11.50	SS-4	16	100	3.50					SAME AS SS-3				14	A-6a (VISUAL)	
B-103-0-23	01.00	02.50	SS-1	8	100	3.00	4	10	16	40	30	30	19	11	19	A-6a (7)	13
STA. 50+15, 15' RT.	03.50	05.00	SS-2	13	100	3.25	20	18	16	27	19	28	18	10	15	A-4a (2)	
LATITUDE = 39.940223	06.00	07.50	SS-3	16	100	4.50					SAME AS SS-2				14	A-4a (VISUAL)	
LONGITUDE = -82.772620	08.50	10.00	SS-4	33	100	4.50					SAME AS SS-2				14	A-4a (VISUAL)	
B-104-0-23	00.00	01.50	SS-1	12	100	4.50	3	6	13	49	29	30	21	9	18	A-4a (8)	20
STA. 54+21, 21' RT.	01.50	03.00	SS-2	8	100	0.75	1	4	11	52	32	29	18	11	23	A-6a (8)	
LATITUDE = 39.941325	03.00	04.50	SS-3	12	100	2.50	2	5	13	42	38	34	17	17	21	A-6b (11)	
LONGITUDE = -82.772593	04.50	06.00	SS-4	21	100	4.50				BROWN, SILT AND CLAY, SOME SAND, TRACE GRAVEL					16	A-6a (VISUAL)	
	06.00	07.50	SS-5	37	100	4.50				BROWN AND ORANGISH, SANDY SILT, LITTLE CLAY, LITTLE STONE FRAGMENTS					14	A-4a (VISUAL)	
B-105-0-23	01.50	03.00	SS-1	16	44	3.50	23	11	15	33	18	35	23	12	18	A-6a (4)	1147
STA. 57+55, 16' RT.	03.00	04.50	SS-2	6	67	3.50	1	5	13	49	32	31	20	11	23	A-6a (8)	
LATITUDE = 39.942242	04.50	06.00	SS-3	12	78	3.25					SAME AS SS-1				23	A-6a (VISUAL)	
LONGITUDE = -82.772533	06.00	07.50	SS-4	42	44	3.25					SAME AS SS-1				23	A-6a (VISUAL)	

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:10:02 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID004.dgn

SUMMARY OF SOIL TEST DATA
TAYLOR - SW

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-108-0-23	01.50	03.00	SS-1	16	83	4.50	14	8	14	34	30	32	17	15	15	A-6a (8)	40
STA. 12+16, 0' RT.	03.00	04.50	SS-2	13	72	4.25	13	9	16	39	23	28	16	12	15	A-6a (6)	
LATITUDE = 39.940077	04.50	06.00	SS-3	10	44	2.50					SAME AS SS-1				17	A-6a (VISUAL)	
LONGITUDE = -82.773848	06.00	07.50	SS-4	17	67	4.25					SAME AS SS-1				14	A-6a (VISUAL)	
B-109-0-23	01.50	03.00	SS-1	25	78	4.50	7	10	15	38	30	31	18	13	14	A-6a (8)	240
STA. 14+89, 44' LT.	03.00	04.50	SS-2	22	83	4.50					SAME AS SS-1				14	A-6a (VISUAL)	
LATITUDE = 39.940549	04.50	06.00	SS-3	20	78	4.50	32	10	13	26	19	32	18	14	14	A-6a (3)	
LONGITUDE = -82.773032	06.00	07.50	SS-4	24	72	4.25					SAME AS SS-1				15	A-6a (VISUAL)	

SUMMARY OF SOIL TEST DATA
GEORGIAN ROAD

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-115-0-23	01.50	03.00	SS-1	17	78	4.50	8	5	13	36	38	40	19	21	18	A-6b (12)	47
STA. 100+54, 7' LT.	03.00	04.50	SS-2	16	67	3.75	5	5	14	39	37	37	21	16	18	A-6b (10)	
LATITUDE = 39.945113	04.50	06.00	SS-3	13	72	3.25					SAME AS SS-2				16	A-6b (VISUAL)	
LONGITUDE = -82.757097	06.00	07.50	SS-4	15	78	4.50					SAME AS SS-2				14	A-6b (VISUAL)	
B-116-0-23	01.50	03.00	SS-1	18	56	4.50	10	10	16	37	27	28	16	12	13	A-6a (7)	120
STA. 103+22, 10' RT.	03.00	04.50	SS-2	52	33	4.50					SAME AS SS-1				14	A-6a (VISUAL)	
LATITUDE = 39.945607	04.50	06.00	SS-3	13	11	4.50					SAME AS SS-1				10	A-6a (VISUAL)	
LONGITUDE = -82.756421	06.00	07.50	SS-4	15	22	3.75	7	10	16	40	27	24	16	8	12	A-4a (6)	

SUMMARY OF SOIL TEST DATA
PALMER ROAD

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-117-0-23	01.50	03.00	SS-1	12	33	3.50	13	12	14	32	29	35	19	16	15	A-6b (8)	40
STA. 24+77, 10' LT.	03.00	04.50	SS-2	10	39	4.50	7	10	16	35	32	33	17	16	16	A-6b (9)	
LATITUDE = 39.945661	04.50	06.00	SS-3	8	22	4.50					SAME AS SS-2				20	A-6b (VISUAL)	
LONGITUDE = -82.755593	06.00	07.50	SS-4	10	39	2.75					SAME AS SS-2				16	A-6b (VISUAL)	
B-118-0-23	01.50	03.00	SS-1	21	72	4.50	10	12	21	34	23	23	14	9	9	A-4a (4)	380
STA. 18+28, 6' RT.	03.00	04.50	SS-2	16	78	4.50	12	12	22	34	20	23	14	9	9	A-4a (4)	
LATITUDE = 39.945731	04.50	06.00	SS-3	16	17	4.50					SAME AS SS-2				10	A-4a (VISUAL)	
LONGITUDE = -82.757905	06.00	07.50	SS-4	12	50	4.50					SAME AS SS-2				10	A-4a (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP A

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-019-0-23	01.50	03.00	SS-1	39	33	4.50	22	19	17	25	17	35	22	13	16	A-6a (2)	2160
STA. 52+87, 14' LT.	03.00	04.50	SS-2	13	22	4.50	19	15	18	29	19	35	22	13	16	A-6a (4)	
LATITUDE = 39.933009	04.50	06.00	SS-3	16	28	4.50					BROWN, CLAY, SOME SILT, LITTLE SAND, TRACE GRAVEL				15	A-7-6 (VISUAL)	
LONGITUDE = -82.793104	06.00	07.50	SS-4	15	44	4.50					SAME AS SS-3				16	A-7-6 (VISUAL)	
B-067-0-23	01.50	03.00	SS-1	16	67	4.50	14	11	15	32	28	33	17	16	14	A-6b (7)	3900
STA. 56+90, 13' LT.	03.00	04.50	SS-2	22	39	4.50					SAME AS SS-1				16	A-6b (VISUAL)	
LATITUDE = 39.933374	04.50	06.00	SS-3	25	61	3.50	17	7	17	37	22	29	18	11	15	A-6a (5)	
LONGITUDE = -82.791751	06.00	07.50	SS-4	30	33	3.50					SAME AS SS-3				23	A-6a (VISUAL)	
B-068-0-23	02.50	04.00	SS-1	9	22						BROWN, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY				15	A-2-4 (VISUAL)	
STA. 60+58, 17' LT.	05.00	06.50	SS-2	16	44		37	28	11	18	6	NP	NP	NP	10	A-1-b (0)	
LATITUDE = 39.933958	07.50	09.00	SS-3	14	100	4.50	15	14	17	30	24	26	17	9	14	A-4a (4)	
LONGITUDE = -82.790720	10.00	11.50	SS-4	5	28	2.75					SAME AS SS-3				19	A-4a (VISUAL)	
	12.50	14.00	SS-5	9	100	4.25					SAME AS SS-3				16	A-4a (VISUAL)	
	15.00	16.50	SS-6	12	100	3.00	12	11	18	36	23	26	16	10	14	A-4a (5)	
B-069-0-23	01.50	03.00	SS-1	48	33		47	19	10	16	8	27	16	11	8	A-2-6 (0)	727
STA. 63+08, 1' RT.	03.00	04.50	SS-2	23	11						BROWN, GRAVEL WITH SAND, LITTLE SILT, TRACE CLAY				7	A-1-b (VISUAL)	
LATITUDE = 39.934391	04.50	06.00	SS-3	23	11						BROWN, GRAVEL WITH SAND AND SILT, TRACE CLAY				10	A-2-4 (VISUAL)	
LONGITUDE = -82.790029	06.00	07.50	SS-4	18	11	4.50					BROWN, SANDY SILT, LITTLE CLAY, TRACE GRAVEL				11	A-4a (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP B

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-070-0-23	01.50	03.00	SS-1	29	11						GRAY, STONE FRAGMENTS, LITTLE SAND, TRACE SILT, TRACE CLAY				6	A-1-a (VISUAL)	
STA. 64+62, 10' LT.	03.00	04.50	SS-2	13	22	4.50					SAME AS SS-3				9	A-6a (VISUAL)	
LATITUDE = 39.934570	04.50	06.00	SS-3	13	44	4.50	16	12	16	32	24	26	15	11	11	A-6a (5)	
LONGITUDE = -82.789265	06.00	07.50	SS-4	17	39	4.50	12	12	17	36	23	26	15	11	12	A-6a (5)	
B-071-0-23	01.50	03.00	SS-1	12	28		67	14	6	10	3	NP	NP	NP	5	A-1-a (0)	147
STA. 68+64, 4' LT.	03.00	04.50	SS-2	6	22		78.00	9.00	5.00	7.00	1.00	NP	NP	NP	5	A-1-a (0)	
LATITUDE = 39.934612	04.50	06.00	SS-3	5	11						SAME AS SS-1				5	A-1-a (VISUAL)	
LONGITUDE = -82.787833	06.00	07.50	SS-4	39	22	3.75					GRAY, SILT AND CLAY, SOME GRAVEL, LITTLE SAND				12	A-6a (VISUAL)	
B-072-0-23	01.50	03.00	SS-1	27	72	4.50	12	10	15	36	27	27	16	11	13	A-6a (6)	33
STA. 72+66, 5' RT.	03.00	04.50	SS-2	28	50	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
LATITUDE = 39.934738	04.50	06.00	SS-3	22	33	4.50	9	12	15	36	28	25	15	10	12	A-4a (6)	
LONGITUDE = -82.786409	06.00	07.50	SS-4	15	28	4.50					GRAY AND BROWN, SILT AND CLAY, SOME SAND, TRACE GRAVEL				13	A-6a (VISUAL)	
B-073-0-23	00.00	01.50	SS-1	17	100	3.50	29	14	12	28	17	36	22	14	16	A-6a (3)	133
STA. 76+67, 33' LT.	01.50	02.50	SS-2	11/50/6"	58		35	21	17	20	7	33	26	7	13	A-2-4 (0)	
LATITUDE = 39.935103	03.00	03.33	SS-3	50/4"	75						SAME AS SS-2				13	A-2-4 (VISUAL)	
LONGITUDE = -82.785058	04.50	06.00	SS-4	16	100	4.50					BROWN, SANDY SILT, LITTLE CLAY, TRACE GRAVEL, TRACE IRON STAINING				14	A-4a (VISUAL)	
	06.00	07.50	SS-5	20	100	4.50					SAME AS SS-4				14	A-4a (VISUAL)	

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:10:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID005.dgn

SUMMARY OF SOIL TEST DATA
RAMP C

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-026-0-23	01.50	03.00	SS-1	23	56	4.50	23	10	14	29	24	28	16	12	13	A-6a (4)	140
STA. 75+51, 49' LT.	03.00	04.50	SS-2	21	56	4.50	7	11	17	35	30	29	16	13	14	A-6a (7)	
LATITUDE = 39.934397	04.50	06.00	SS-3	23	78	4.50					SAME AS SS-1				13	A-6a (VISUAL)	
LONGITUDE = -82.785230	06.00	07.50	SS-4	23	50	4.50					SAME AS SS-1				11	A-6a (VISUAL)	
B-028-0-23	01.50	03.00	SS-1	51	78	-	20	18	23	29	10	NP	NP	NP	18	A-4a (1)	2173
STA. 82+88, 22' LT.	03.00	04.50	SS-2	18	83	4.50	9	10	16	37	28	25	15	10	12	A-4a (6)	
LATITUDE = 39.935008	04.50	06.00	SS-3	23	106	4.50					SAME AS SS-1				12	A-4a (VISUAL)	
LONGITUDE = -82.782701	06.00	06.33	SS-4	50/4"	100	4.50					SAME AS SS-1				11	A-4a (VISUAL)	
B-074-0-23	01.50	03.00	SS-1	12	56	4.50	17	7	13	34	29	34	17	17	16	A-6b (8)	33
STA. 64+12, 8' RT.	03.00	04.50	SS-2	19	61	4.50	7	7	15	41	30	29	18	11	14	A-6a (8)	
LATITUDE = 39.931998	04.50	06.00	SS-3	19	67	4.50					SAME AS SS-1				15	A-6a (VISUAL)	
LONGITUDE = -82.787745	06.00	07.50	SS-4	23	50	4.50					SAME AS SS-1				15	A-6a (VISUAL)	
B-075-0-23	01.50	03.00	SS-1	15	61	3.75	20	9	12	26	33	43	21	22	18	A-7-6 (10)	173
STA. 67+05, 7' RT.	03.00	04.50	SS-2	21	44	4.50					SAME AS SS-1				18	A-7-6 (VISUAL)	
LATITUDE = 39.932440	04.50	06.00	SS-3	22	67	3.50					SAME AS SS-1				22	A-7-6 (VISUAL)	
LONGITUDE = -82.786875	06.00	07.50	SS-4	29	83	4.50	5	10	17	37	31	31	17	14	15	A-6a (8)	
B-076-0-23	01.50	03.00	SS-1	25	67	4.50	10	10	14	35	31	30	18	12	12	A-6a (7)	7
STA. 71+01, 9' RT.	03.00	04.50	SS-2	30	22	4.50	8	10	15	35	32	32	17	15	13	A-6a (8)	
LATITUDE = 39.933415	04.50	06.00	SS-3	38	72	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
LONGITUDE = -82.786248	06.00	07.50	SS-4	29	50	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
B-077-0-23	01.50	03.00	SS-1	87	72	4.25	21	12	15	30	22	26	16	10	12	A-4a (3)	120
STA. 74+95, 9' LT.	03.00	04.50	SS-2	22	72	3.75	19	11	16	31	23	26	16	10	13	A-4a (4)	
LATITUDE = 39.934224	04.50	06.00	SS-3	24	44	4.50					SAME AS SS-1				14	A-4a (VISUAL)	
LONGITUDE = -82.785344	06.00	07.50	SS-4	22	44	4.50					SAME AS SS-1				15	A-4a (VISUAL)	
B-078-0-23	01.50	03.00	SS-1	25	78	4.50	26	9	13	31	21	28	18	10	14	A-4a (3)	220
STA. 78+98, 14' LT.	03.00	04.50	SS-2	35	72	4.25					SAME AS SS-1				14	A-4a (VISUAL)	
LATITUDE = 39.934644	04.50	04.92	SS-3	50/5"	100	4.50	19	11	15	32	23	26	15	11	14	A-6a (4)	
LONGITUDE = -82.784008	06.00	07.50	SS-4	25	89	4.50					SAME AS SS-3				14	A-6a (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP D

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-064-0-23	01.50	03.00	SS-1	18	28	4.50	4	5	14	38	39	39	19	20	18	A-6b (12)	213
STA. 68+15, 20' LT.	03.00	04.50	SS-2	18	67	4.50	3	6	15	38	38	37	18	19	17	A-6b (12)	
LATITUDE = 39.933665	04.50	06.00	SS-3	24	67	4.50					SAME AS SS-1				15	A-6b (VISUAL)	
LONGITUDE = -82.787663	06.00	07.50	SS-4	33	72	4.50					SAME AS SS-1				14	A-6b (VISUAL)	
B-065-0-23	01.50	03.00	SS-1	30	78	4.50	11	12	16	34	27	26	17	9	13	A-4a (5)	0
STA. 72+04, 1' LT.	03.00	04.50	SS-2	24	56	4.50	11	12	15	34	28	26	17	9	13	A-4a (5)	
LATITUDE = 39.932932	04.50	06.00	SS-3	21	28	4.50					SAME AS SS-1				13	A-4a (VISUAL)	
LONGITUDE = -82.786789	06.00	07.50	SS-4	22	44	4.50					SAME AS SS-1				13	A-4a (VISUAL)	
B-066-0-23	01.50	03.00	SS-1	18	28	4.25	33	12	11	26	18	32	18	14	12	A-6a (3)	373
STA. 79+48, 82' RT.	03.00	04.50	SS-2	18	67	4.50	17	11	14	33	25	31	18	13	14	A-6a (6)	
LATITUDE = 39.932254	04.50	06.00	SS-3	24	67	4.50					SAME AS SS-1				13	A-6a (VISUAL)	
LONGITUDE = -82.788936	06.00	07.50	SS-4	21	72	4.50					SAME AS SS-1				12	A-6a (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP E

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-010-0-23	01.50	03.00	SS-1	16	33	3.50	7	11	17	33	32	32	18	14	17	A-6a (8)	253
STA. 30+25, 8' LT.	03.00	04.50	SS-2	29	44	3.25	5	8	17	33	37	35	18	17	18	A-6b (10)	
LATITUDE = 39.930981	04.50	05.33	SS-3	4/50/4"	100	3.00					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.800768	06.00	06.83	SS-4	4/50/4"	80	3.50					SAME AS SS-2				20	A-6b (VISUAL)	
B-012-0-23	01.50	03.00	SS-1	70	44	4.50	21	14	14	28	23	27	16	11	11	A-6a (4)	493
STA. 37+77, 27' LT.	03.00	04.50	SS-2	57	44	4.50	11	13	15	33	28	28	17	11	13	A-6a (6)	
LATITUDE = 39.931289	04.50	06.00	SS-3	19	61	4.50					SAME AS SS-2				16	A-6a (VISUAL)	
LONGITUDE = -82.798125	06.00	07.50	SS-4	29	72	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
B-018-0-23	01.50	03.00	SS-1	11	72	4.50	13	13	14	32	28	33	18	15	16	A-6a (7)	
STA. 49+48, 47' LT.	03.00	04.50	SS-2	12	72	2.50	7	9	14	34	36	39	18	21	19	A-6b (11)	
LATITUDE = 39.932205	04.50	06.00	SS-3	11	78	2.50					SAME AS SS-2				18	A-6b (VISUAL)	
LONGITUDE = -82.794139	06.00	07.50	SS-4	46	78	4.25					SAME AS SS-2				17	A-6b (VISUAL)	
	07.50	09.00	SS-5	18	50	4.50					SAME AS SS-2				19	A-6b (VISUAL)	
B-060-0-23	01.50	03.00	SS-1	15	50	4.50	19	12	15	30	24	31	18	13	12	A-6a (5)	
STA. 56+89, 58' LT.	03.00	04.50	SS-2	21	44	4.50					SAME AS SS-1				16	A-6a (VISUAL)	
LATITUDE = 39.932775	04.50	06.00	SS-3	19	72	4.50	6	10	15	35	34	34	18	16	14	A-6b (9)	
LONGITUDE = -82.791585	06.00	07.50	SS-4	27	50	4.50					SAME AS SS-3				15	A-6b (VISUAL)	
	08.50	10.00	SS-5	29	72	4.50	24	10	13	30	23	29	17	12	10	A-6a (4)	
	11.00	12.50	SS-6	19	72	3.25					SAME AS SS-5				15	A-6a (VISUAL)	
	13.50	15.00	SS-7	18	44	4.50					SAME AS SS-5				14	A-6a (VISUAL)	
	16.00	17.50	SS-8	23	72	3.75					SAME AS SS-5				17	A-6a (VISUAL)	
	18.50	20.00	SS-9	15	50	4.50	1	3	47	30	19	24	15	9	14	A-4a (3)	
	21.00	22.50	SS-10	8	17				BROWN, GRAVEL WITH SAND, TRACE SILT, TRACE CLAY						13	A-1-b (VISUAL)	
	23.50	25.00	SS-11	15	17						SAME AS SS-10				13	A-1-b (VISUAL)	
	26.00	27.50	SS-12	51	22	4.50	17	17	20	35	11	21	18	3	12	A-4a (2)	
	28.50	30.00	SS-13	58	78				GRAY, GRAVEL WITH SAND AND SILT, TRACE CLAY						8	A-2-4 (VISUAL)	
B-061-0-23	01.50	03.00	SS-1	58	39		40	17	11	23	9	NP	NP	NP	9	A-2-4 (0)	280
STA. 60+49, 7' LT.	03.00	04.50	SS-2	30	44		46	14	11	22	7	NP	NP	NP	7	A-2-4 (0)	
LATITUDE = 39.932784	04.50	06.00	SS-3	39	39						SAME AS SS-1				8	A-2-4 (VISUAL)	
LONGITUDE = -82.790273																	
B-062-0-23	01.00	02.50	SS-1	8	72	3.50	0	1	2	53	44	52	22	30	25	A-7-6 (18)	253
STA. 63+41, 24' LT.	03.50	05.00	SS-2	7	39	2.50	0	1	2	51	46	57	23	34	26	A-7-6 (19)	
LATITUDE = 39.932325	06.00	07.50	SS-3	4	28	2.75					SAME AS SS-1				24	A-7-6 (VISUAL)	
LONGITUDE = -82.789414	08.50	10.00	SS-4	10	44	4.00					BROWN, SANDY SILT, SOME GRAVEL, SOME CLAY				15	A-6a (VISUAL)	
B-063-0-23	01.50	03.00	SS-1	18	44	4.50	25	13	13	28	21	30	17	13	11	A-6a (4)	1653
STA. 66+57, 7' RT.	03.00	04.50	SS-2	15	50	4.50	15	11	15	35	24	26	15	11	11	A-6a (5)	
LATITUDE = 39.931454	04.50	06.00	SS-3	16	72	4.50					SAME AS SS-1				12	A-6a (VISUAL)	
LONGITUDE = -82.789246	06.00	07.50	SS-4	24	44	4.50					SAME AS SS-1				11	A-6a (VISUAL)	

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE 614.794.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:11:25 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID006.dgn

SUMMARY OF SOIL TEST DATA
RAMP G

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-036-0-23	00.00	01.50	SS-1	16	100	4.50	7	8	15	42	28	29	17	12	13	A-6a (8)	187
STA. 98+13, 12' LT.	01.50	03.00	SS-2	26	100	4.50	10	9	13	39	29	29	18	11	13	A-6a (7)	
LATITUDE = 39.936240	03.00	04.50	SS-3	24	100	4.50					SAME AS SS-2				10	A-6a (VISUAL)	
LONGITUDE = -82.777518	04.50	06.00	SS-4	43	100	4.50					SAME AS SS-2				11	A-6a (VISUAL)	
			SS-5	84	100	4.50					SAME AS SS-2				11	A-6a (VISUAL)	
B-081-0-23	02.00	03.50	SS-1	20	89	4.50	21	12	15	32	20	27	17	10	11	A-4a (3)	
STA. 103+47, 19' LT.	05.00	06.50	SS-2	17	100	3.50	18	11	15	34	22	24	15	9	12	A-4a (4)	
LATITUDE = 39.936601	07.50	09.00	SS-3	65	100		45	22	12	14	7	24	17	7	8	A-2-4 (0)	
LONGITUDE = -82.775666	10.00	11.50	SS-4	34	100	4.50	GRAY, SANDY SILT, LITTLE TO SOME GRAVEL AND STONE FRAGMENTS, LITTLE CLAY								9	A-4a (VISUAL)	
	12.50	14.00	SS-5	34	100	4.50					SAME AS SS-4				10	A-4a (VISUAL)	
	15.00	16.50	SS-6	61	100	4.50					SAME AS SS-4				12	A-4a (VISUAL)	
	17.50	19.00	SS-7	20	100		0	0	22	63	15	NP	NP	NP	19	A-4b (8)	
	20.00	21.50	SS-8	30	100		BROWN AND GRAY, GRAVEL WITH SAND AND SILT, TRACE CLAY								15	A-2-4 (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP H

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-027-0-23	01.50	03.00	SS-1	13	44	4.25	13	10	14	33	30	34	18	16	16	A-6b (8)	267
STA. 79+33, 6' RT.	03.00	04.50	SS-2	13	78	2.25	6	8	14	35	37	36	17	19	19	A-6b (11)	
LATITUDE = 39.935188	04.50	06.00	SS-3	17	50	4.25					SAME AS SS-2				12	A-6b (VISUAL)	
LONGITUDE = -82.784103	06.00	07.50	SS-4	28	50	3.50					SAME AS SS-2				22	A-6b (VISUAL)	
B-029-0-23	01.50	03.00	SS-1	33	39	4.50	20	13	16	30	21	29	18	11	12	A-6a (4)	500
STA. 86+44, 16' RT.	03.00	04.50	SS-2	15	33	4.50	19	12	15	31	23	26	15	11	12	A-6a (4)	
LATITUDE = 39.935757	04.50	06.00	SS-3	15	56	4.50	BROWNISH GRAY, SILTY CLAY, LITTLE TO SOME SAND, TRACE TO LITTLE GRAVEL								13	A-6b (VISUAL)	
LONGITUDE = -82.781674	06.00	07.50	SS-4	16	33	4.25					SAME AS SS-3				15	A-6b (VISUAL)	
	07.50	09.00	SS-5	27	33	3.00					SAME AS SS-3				22	A-6b (VISUAL)	
B-089-0-23	02.50	04.00	SS-1	14	100	4.00					SAME AS SS-2				14	A-6a (VISUAL)	
STA. 110+47, 32' RT.	05.00	06.50	SS-2	17	100	4.50	7	9	16	38	30	30	17	13	14	A-6a (8)	
LATITUDE = 39.937923	07.50	09.00	SS-3	25	100	4.50					SAME AS SS-2				13	A-6a (VISUAL)	
LONGITUDE = -82.773584	10.00	11.50	SS-4	21	100	4.50					SAME AS SS-2				14	A-6a (VISUAL)	
	12.50	14.00	SS-5	41	100		BROWN, GRAVEL WITH SAND, TRACE SILT, TRACE CLAY								7	A-1-b (VISUAL)	
	15.00	16.50	SS-6	24	100		12	24	48	12	4	NP	NP	NP	20	A-3a (0)	
	17.50	19.00	SS-7	28	33						SAME AS SS-8				15	A-1-b (VISUAL)	
	20.00	21.50	SS-8	30	33		47	34	11	6	2	NP	NP	NP	14	A-1-b (0)	
	22.50	24.00	SS-9	33	39						SAME AS SS-8				15	A-1-b (VISUAL)	
	25.00	26.50	SS-10	38	33						SAME AS SS-8				15	A-1-b (VISUAL)	
	27.50	29.00	SS-11	42	39						SAME AS SS-8				14	A-1-b (VISUAL)	
	30.00	31.50	SS-12	53	100						SAME AS SS-8				11	A-1-b (VISUAL)	

SUMMARY OF SOIL TEST DATA
RAMP I

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-046-0-23	01.50	03.00	SS-1	15	44	4.50	7	7	13	32	41	41	19	22	21	A-7-6 (13)	253
STA. 126+15, 16' RT.	03.00	04.50	SS-2	12	67	2.50	6	7	15	37	35	36	17	19	18	A-6b (11)	
LATITUDE = 39.939285	04.50	06.00	SS-3	13	72	2.00					SAME AS SS-2				19	A-6b (VISUAL)	
LONGITUDE = -82.768405	06.00	07.50	SS-4	18	67	4.50					SAME AS SS-2				16	A-6b (VISUAL)	
B-090-0-23	02.50	04.00	SS-1	20	100	4.25	6	9	16	41	28	29	17	12	14	A-6a (8)	
STA. 115+08, 58' RT.	05.00	06.50	SS-2	26	100	4.50					SAME AS SS-1				13	A-6a (VISUAL)	
LATITUDE = 39.938247	07.50	09.00	SS-3	30	100	4.25					SAME AS SS-1				13	A-6a (VISUAL)	
LONGITUDE = -82.772128	10.00	11.50	SS-4	14	100		BROWN, GRAVEL WITH SAND, LITTLE SILT, TRACE CLAY								9	A-1-b (VISUAL)	
	12.50	14.00	SS-5	4	89						SAME AS SS-6				17	A-2-7 (VISUAL)	
	15.00	16.50	SS-6	0	56		28	30	9	17	16	44	22	22	19	A-2-7 (2)	
	17.50	19.00	SS-7	11	100						SAME AS SS-6				25	A-2-7 (VISUAL)	
	20.00	21.50	SS-8	54	100	4.50	BROWN, SILTY CLAY, SOME SAND, TRACE GRAVEL								18	A-6a (VISUAL)	
	22.50	24.00	SS-9	32	100	4.50	11	11	18	40	20	24	15	9	12	A-4a (5)	
	25.00	26.50	SS-10	43	100		BROWN, GRAVEL AND STONE GRAGMENTS WITH SAND, TRACE SILT, TRACE CLAY								8	A-1-b (VISUAL)	
	27.50	29.00	SS-11	46	100						SAME AS SS-10				10	A-1-b (VISUAL)	
	30.00	31.50	SS-12	58	100	3.75	21	18	18	30	13	22	15	7	10	A-4a (2)	
	32.50	33.50	SS-13	40/50/6"	100		BROWN, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY								10	A-2-4 (VISUAL)	
	35.00	36.50	SS-14	33	100	4.50	10	13	17	36	24	25	16	9	12	A-4a (5)	
	37.50	39.00	SS-15	50	100	4.50					SAME AS SS-14				11	A-4a (VISUAL)	
	40.00	41.50	SS-16	63	100	4.25					SAME AS SS-14				13	A-4a (VISUAL)	
	42.50	44.00	SS-17	54	44	4.50					SAME AS SS-14				11	A-4a (VISUAL)	
	45.00	46.50	SS-18	53	50	4.50					SAME AS SS-14				10	A-4a (VISUAL)	
	47.50	49.00	SS-19	51	33		GRAY, GRAVEL WITH SAND, TRACE SILT, TRACE CLAY								14	A-1-b (VISUAL)	
	50.00	51.50	SS-20	54	100						SAME AS SS-19				13	A-1-b (VISUAL)	
B-091-0-23	01.00	02.50	SS-1	14	78	3.50	3	4	13	38	42	40	21	19	22	A-6b (12)	
STA. 118+31, 41' RT.	03.50	05.00	SS-2	16	89	4.00	5	4	13	38	40	41	20	21	21	A-7-6 (13)	
LATITUDE = 39.938546	06.00	07.50	SS-3	12	100	2.75					SAME AS SS-2				17	A-7-6 (VISUAL)	
LONGITUDE = -82.771039	08.50	10.00	SS-4	13	100	4.50					SAME AS SS-2				14	A-7-6 (VISUAL)	
B-092-0-23	01.00	02.50	SS-1	12	100	3.00	1	2	11	33	53	58	23	35	29	A-7-6 (20)	
STA. 122+15, 6' RT.	03.50	05.00	SS-2	18	100	3.50					SAME AS SS-1				23	A-7-6 (VISUAL)	
LATITUDE = 39.938936	06.00	07.50	SS-3	17	100	4.25					SAME AS SS-1				18	A-7-6 (VISUAL)	
LONGITUDE = -82.769761	08.50	10.00	SS-4	16	100	4.50	16	10	16	33	25	27	17	10	14	A-4a (5)	

DESIGN AGENCY NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:12:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ID007.dgn

SUMMARY OF SOIL TEST DATA
RAMP J

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-045-0-23	01.50	03.00	SS-1	19	67	4.50	17	9	14	33	27	30	17	13	12	A-6a (6)	60
STA. 122+38, 9' LT.	03.00	04.50	SS-2	11	72	4.50					SAME AS SS-1				14	A-6a (VISUAL)	
LATITUDE = 39.938445	04.50	06.00	SS-3	17	78	4.00	2	3	10	46	39	36	20	16	22	A-6b (10)	
LONGITUDE = -82.769305	06.00	07.50	SS-4	15	72	2.50					SAME AS SS-3				28	A-6b (VISUAL)	
B-084-0-23	02.50	04.00	SS-1	21	100	4.25	16	6	13	33	32	37	18	19	16	A-6b (10)	
STA. 114+14, 12' LT.	05.00	06.50	SS-2	28	100	4.50	8	10	16	38	28	28	16	12	14	A-6a (7)	
LATITUDE = 39.937010	07.50	09.00	SS-3	18	100	4.50					SAME AS SS-2				12	A-6a (VISUAL)	
LONGITUDE = -82.771548	10.00	11.50	SS-4	18	100	4.50					SAME AS SS-2				16	A-6a (VISUAL)	
B-085-0-23	02.50	04.00	SS-1	13	100	3.00	13	8	14	32	33	44	19	25	20	A-7-6 (13)	
STA. 118+89, 9' LT.	05.00	06.50	SS-2	17	100	4.50					SAME AS SS-1				15	A-7-6 (VISUAL)	
LATITUDE = 39.937960	07.50	09.00	SS-3	26	100	4.50					SAME AS SS-1				15	A-7-6 (VISUAL)	
LONGITUDE = -82.770382	10.00	10.50	SS-4	50/6"	67						SAME AS SS-5				12	A-2-6 (VISUAL)	
	12.50	14.00	SS-5	8	100		46	18	11	13	12	34	19	15	15	A-2-6 (1)	
	15.00	16.50	SS-6	8	100		33	20	19	16	12	30	18	12	17	A-2-6 (0)	

SUMMARY OF SOIL TEST DATA
RAMP K

EXPLORATION NO., STATION & OFFSET	FROM	TO	SAMPLE ID	N60	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	ppm SO4
B-018-0-23	01.50	03.00	SS-1	11	72	4.50	13	13	14	32	28	33	18	15	16	A-6a (7)	
STA. 49+21, 1' RT.	03.00	04.50	SS-2	12	72	2.50	7	9	14	34	36	39	18	21	19	A-6b (11)	
LATITUDE = 39.932205	04.50	06.00	SS-3	11	78	2.50					SAME AS SS-2				18	A-6b (VISUAL)	
LONGITUDE = -82.794139	06.00	07.50	SS-4	46	78	4.25					SAME AS SS-2				17	A-6b (VISUAL)	
	07.50	09.00	SS-5	18	50	4.50					SAME AS SS-2				19	A-6b (VISUAL)	
B-020-0-23	01.50	03.00	SS-1	44	67		32	18	18	23	9	34	27	7	16	A-2-4 (0)	2920
STA. 56+44, 14' LT.	03.00	04.50	SS-2	15	28	4.50	26	15	14	25	20	32	17	15	14	A-6a (4)	
LATITUDE = 39.932847	04.50	06.00	SS-3	12	44	4.50					SAME AS SS-2				15	A-6a (VISUAL)	
LONGITUDE = -82.791719	06.00	07.50	SS-4	30	50	4.50					SAME AS SS-2				14	A-6a (VISUAL)	
B-026-0-23	01.50	03.00	SS-1	23	56	4.50	23	10	14	29	24	28	16	12	13	A-6a (4)	140
STA. 75+49, 5' RT.	03.00	04.50	SS-2	21	56	4.50	7	11	17	35	30	29	16	13	14	A-6a (7)	
LATITUDE = 39.934397	04.50	06.00	SS-3	23	78	4.50					SAME AS SS-1				13	A-6a (VISUAL)	
LONGITUDE = -82.785230	06.00	07.50	SS-4	23	50	4.50					SAME AS SS-1				11	A-6a (VISUAL)	
B-028-0-23	01.50	03.00	SS-1	51	78		20	18	23	29	10	NP	NP	NP	18	A-4a (1)	2173
STA. 82+92, 9' RT.	03.00	04.50	SS-2	18	83	4.50	9	10	16	37	28	25	15	10	12	A-4a (6)	
LATITUDE = 39.935008	04.50	06.00	SS-3	23	106	4.50					SAME AS SS-1				12	A-4a (VISUAL)	
LONGITUDE = -82.782701	06.00	06.33	SS-4	50/4"	100	4.50					SAME AS SS-1				11	A-4a (VISUAL)	
B-030-0-23	01.50	03.00	SS-1	21	56		48	17	11	19	5	NP	NP	NP	7	A-1-b (0)	80
STA. 90+16, 2' LT.	03.00	04.50	SS-2	6	22		63	12	8	12	5	NP	NP	NP	7	A-1-b (0)	
LATITUDE = 39.935639	04.50	06.00	SS-3	11	28	4.25	6	9	15	36	34	33	18	15	16	A-6a (9)	
LONGITUDE = -82.780254	06.00	07.50	SS-4	11	39	4.50					SAME AS SS-3				15	A-6a (VISUAL)	
B-032-0-23	01.00	02.50	SS-1	5	44	2.50	24	14	13	28	21	31	18	13	14	A-6a (4)	
STA. 94+13, 2' LT.	03.50	05.00	SS-2	11	56	4.50					SAME AS SS-1				15	A-6a (VISUAL)	
LATITUDE = 39.935971	06.00	07.50	SS-3	18	61	4.50					SAME AS SS-1				18	A-6a (VISUAL)	
LONGITUDE = -82.778906	08.50	10.00	SS-4	12	67	4.50					SAME AS SS-1				22	A-6a (VISUAL)	
	11.00	12.50	SS-5	18	67	4.50					SAME AS SS-1				16	A-6a (VISUAL)	
	13.50	15.00	SS-6	19	72	4.50					SAME AS SS-1				15	A-6a (VISUAL)	
	16.00	17.50	SS-7	17	78	3.50	7	7	12	36	38	39	17	22	18	A-6b (13)	
	18.50	20.00	SS-8	16	44		20	13	26	28	13	27	19	8	15	A-4a (1)	
	21.00	22.50	SS-9	23	33					GRAY, SILT AND CLAY, SOME SAND, LITTLE GRAVEL					18	A-6a (VISUAL)	
	23.50	25.00	SS-10	13	17		34	37	13	13	3	NP	NP	NP	18	A-1-b (0)	
	26.00	27.50	SS-11	27	72	4.00				GRAY, SILT AND CLAY, SOME SAND, TRACE TO LITTLE GRAVEL					12	A-6a (VISUAL)	
	28.50	30.00	SS-12	23	83	4.25					SAME AS SS-11				13	A-6a (VISUAL)	
B-060-0-23	01.50	03.00	SS-1	15	50	4.50	19	12	15	30	24	31	18	13	12	A-6a (5)	
STA. 56+71, 22' RT.	03.00	04.50	SS-2	21	44	4.50					SAME AS SS-1				16	A-6a (VISUAL)	
LATITUDE = 39.932775	04.50	06.00	SS-3	19	72	4.50	6	10	15	35	34	34	18	16	14	A-6b (9)	
LONGITUDE = -82.791585	06.00	07.50	SS-4	27	50	4.50					SAME AS SS-3				15	A-6b (VISUAL)	
	08.50	10.00	SS-5	29	72	4.50	24	10	13	30	23	29	17	12	10	A-6a (4)	
	11.00	12.50	SS-6	19	72	3.25					SAME AS SS-5				15	A-6a (VISUAL)	
	13.50	15.00	SS-7	18	44	4.50					SAME AS SS-6				14	A-6a (VISUAL)	
	16.00	17.50	SS-8	23	72	3.75					SAME AS SS-7				17	A-6a (VISUAL)	
	18.50	20.00	SS-9	15	50	4.50	1	3	47	30	19	24	15	9	14	A-4a (3)	
	21.00	22.50	SS-10	8	17					BROWN, GRAVEL WITH SAND, RACE SILT, TRACE CLAY					13	A-1-b (VISUAL)	
	23.50	25.00	SS-11	15	17						SAME AS SS-10				13	A-1-b (VISUAL)	
	26.00	27.50	SS-12	51	22	4.50	17	17	20	35	11	21	18	3	12	A-4a (2)	
	28.50	30.00	SS-13	58	78					GRAY, GRAVEL WITH SAND AND SILT, TRACE CLAY					8	A-2-4 (VISUAL)	
B-078-0-23	01.50	03.00	SS-1	25	78	4.50	26	9	13	31	21	28	18	10	14	A-4a (3)	220
STA. 79+03, 24' RT.	03.00	04.50	SS-2	35	72	4.25					SAME AS SS-1				14	A-4a (VISUAL)	
LATITUDE = 39.934644	04.50	04.92	SS-3	50/5"	100	4.50	19	11	15	32	23	26	15	11	14	A-6a (4)	
LONGITUDE = -82.784008	06.00	07.50	SS-4	25	89	4.50					SAME AS SS-3				14	A-6a (VISUAL)	

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
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GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

5710 Westbourne Avenue
Columbus, OH 43213
614.892.0162

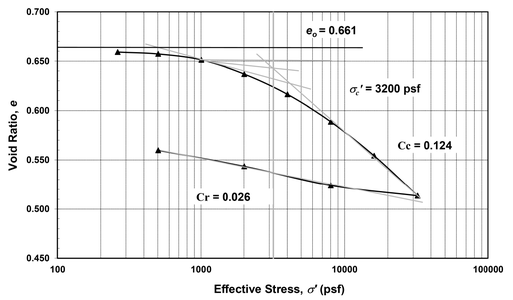
Consolidation Test

Project Name: FAI/LIC-70-0.00 — Prepared by: LR
Source: B-083-0-23 ST-2 (5.3'-5.4') — Checked by: ZM
Description: Very stiff, brown, CLAY, some silt, trace sand, trace gravel, damp — Date: 6/14/2024

Test Specification: ASTM D 2435
Initial Void Ratio: 0.661 — Initial Bulk Unit Weight (lb/ft^3): 125
In-situ Vertical Effective Stress (psf): 600 — Dry Unit Weight (lb/ft^3): 101

Compression and Swelling Index
Compression Index (Cc): 0.124 — Preconsolidation Pressure (σ_c')(psf): **3200**
Recompression Index (Cr): 0.026 — Over-Consolidation Ratio (OCR): **5.3**

Consolidation Curve



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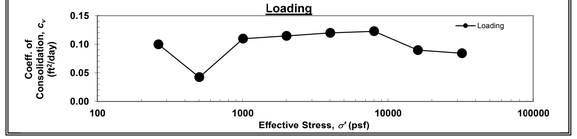


5710 Westbourne Avenue
Columbus, OH 43213
614.892.0162

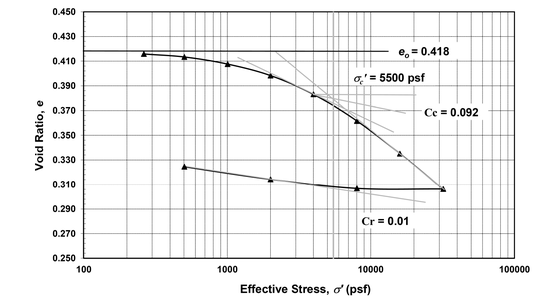
Consolidation Test

Project Name: FAI/LIC-70-0.00 — Prepared by: LR
Source: B-088-0-23 ST-6 (14.8'-14.9') — Checked by: ZM
Description: Hard, brown and gray, SANDY SILT, some clay, little gravel, damp — Date: 6/14/2024

Test Specification: ASTM D 2435
Initial Void Ratio: 0.418 — Initial Bulk Unit Weight (lb/ft^3): 134
In-situ Vertical Effective Stress (psf): 1700 — Dry Unit Weight (lb/ft^3): 119

Compression and Swelling Index
Compression Index (Cc): 0.092 — Preconsolidation Pressure (σ_c')(psf): **5500**
Recompression Index (Cr): 0.010 — Over-Consolidation Ratio (OCR): **3.2**

Consolidation Curve



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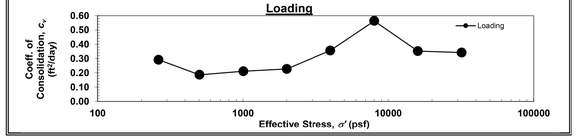


5710 Westbourne Avenue
Columbus, OH 43213
614.892.0162

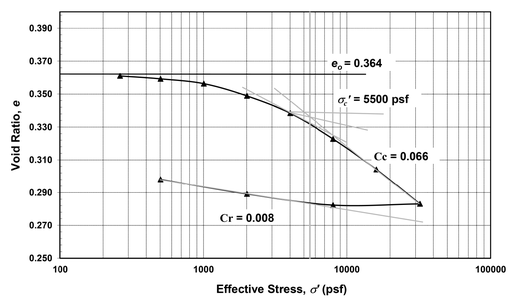
Consolidation Test

Project Name: FAI/LIC-70-0.00 — Prepared by: LR
Source: B-099-0-23 ST-7 (18.1'-18.2') — Checked by: ZM
Description: Hard, gray, SANDY SILT, some clay, trace gravel, damp — Date: 6/14/2024

Test Specification: ASTM D 2435
Initial Void Ratio: 0.364 — Initial Bulk Unit Weight (lb/ft^3): 139
In-situ Vertical Effective Stress (psf): 2200 — Dry Unit Weight (lb/ft^3): 124

Compression and Swelling Index
Compression Index (Cc): 0.066 — Preconsolidation Pressure (σ_c') (psf): **5500**
Recompression Index (Cr): 0.008 — Over-Consolidation Ratio (OCR): **2.50**

Consolidation Curve



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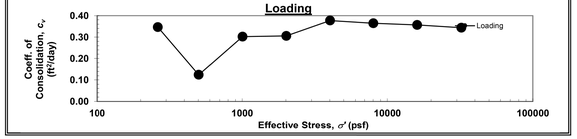


TECHNICAL LABORATORY SERVICES, INC.
CINCINNATI, OHIO

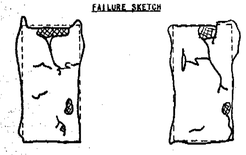
UNCONFINED COMPRESSION TEST

PROJECT LIC-70-0073, @ T.R. #36 — JOB No. 1561-2
SAMPLE No. S-1, Boring No. R-3, Depth = 25.5' - 26.5'

SPECIMEN AT START

DIA.-TOP	
DIA.-MIDDLE	
DIA.-BOTTOM	
DIA.-AV., CM.	3.46
AREA.-AV. Sq.CM.	9.4
HEIGHT, CM.	8.5
WEIGHT-WET	
DENSITY DRY, PCF	118.0

FAILURE SKETCH



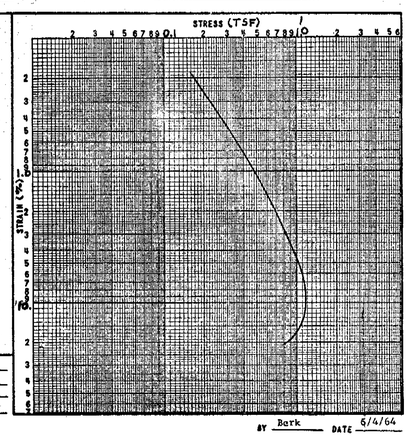
WATER CONTENT

TARE No.	-	-
WT. WET	341.33	162.95
WT. DRY	304.61	145.52
WT. WATER	36.72	17.47
WT. TARE	-	-
WT. SOLIDS	304.61	145.52
w %	12.1	12.0
Natural W=	12.6%	

LL = 26.0, PI = 4.1

DESCRIPTION OF SAMPLE CLAY, sy., silty, sm.f. gravel (3/4" max.)
Unconfined Compressive Strength = 1.15 TSF @ Strain = 10.5%

ELAPSED TIME	LOAD	DEFORM. DIAL RDG



REMARKS

BY Bark — DATE 6/4/64

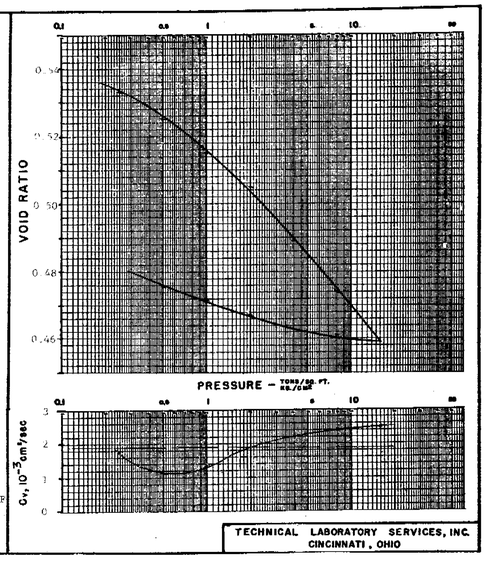
PLATE 31

CONSOLIDATION TEST

SAMPLE DATA
Boring No. R-3 *Sample No.* S-1
Location LIC-70-0073 *Depth* 25.5' - 26.5'
Description: CLAY, sy., silty, sm. f. gravel (3/4" max.), trc. - f. sand

PHYSICAL PROPERTIES
Natural Water Content - % 12.6
Liquid Limit 26.0
Plasticity Index 4.1
Specific Gravity (Assumed) 2.70
Dry Unit Weight - lbs./ft.^{3} 118.0

TEST DATA
Initial Void Ratio 0.547
Final Void Ratio 0.476
Initial Degree of Saturation-% 60.0
Final Degree of Saturation - % 66.2
Area of Sample - sq. ins. 4.90
Compression Index - C_c 0.061
Preconsolidation Load 1.73 TSF
Remarks: C_v = 1.9 x 10^{-3} Sq. CM./Sec.
Unconfined Compressive Strength = 1.15 TSF
@ Strain = 10.5%



TECHNICAL LABORATORY SERVICES, INC.
CINCINNATI, OHIO

PLATE 32

GEOTECHNICAL PROFILE - ROADWAY
CONSOLIDATION AND UNCONFINED COMPRESSION TEST REPORTS

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 12 | TOTAL 206
SHEET P.1830 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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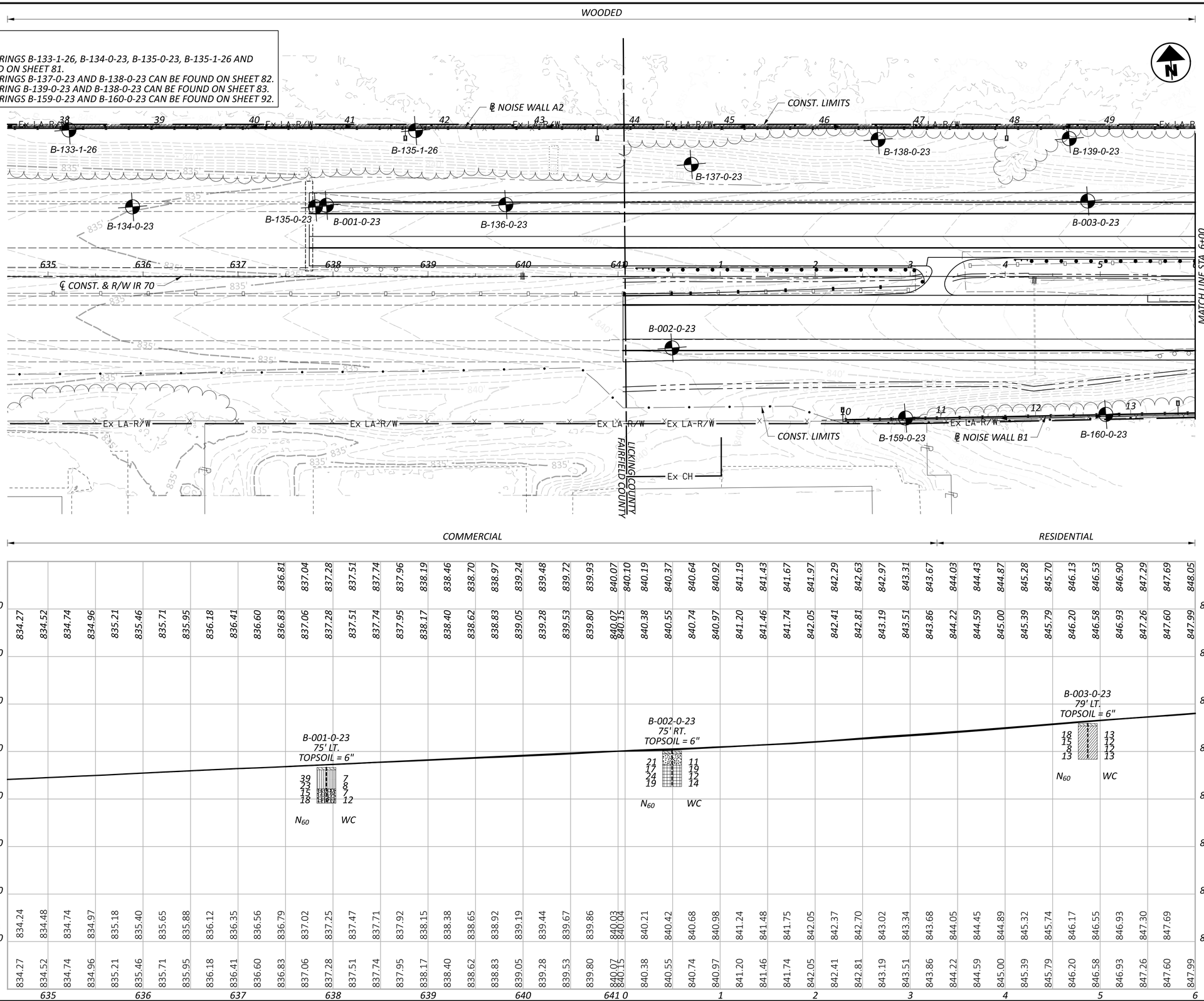
NOTES:

INFORMATION ABOUT BORINGS B-133-1-26, B-134-0-23, B-135-0-23, B-135-1-26 AND B-136-0-23 CAN BE FOUND ON SHEET 81.
INFORMATION ABOUT BORINGS B-137-0-23 AND B-138-0-23 CAN BE FOUND ON SHEET 82.
INFORMATION ABOUT BORING B-139-0-23 AND B-138-0-23 CAN BE FOUND ON SHEET 83.
INFORMATION ABOUT BORINGS B-159-0-23 AND B-160-0-23 CAN BE FOUND ON SHEET 92.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - BEGIN TO STA. 6+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 13 TOTAL 206
SHEET P.1831 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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FAI/LIC-70-0.00-0.00

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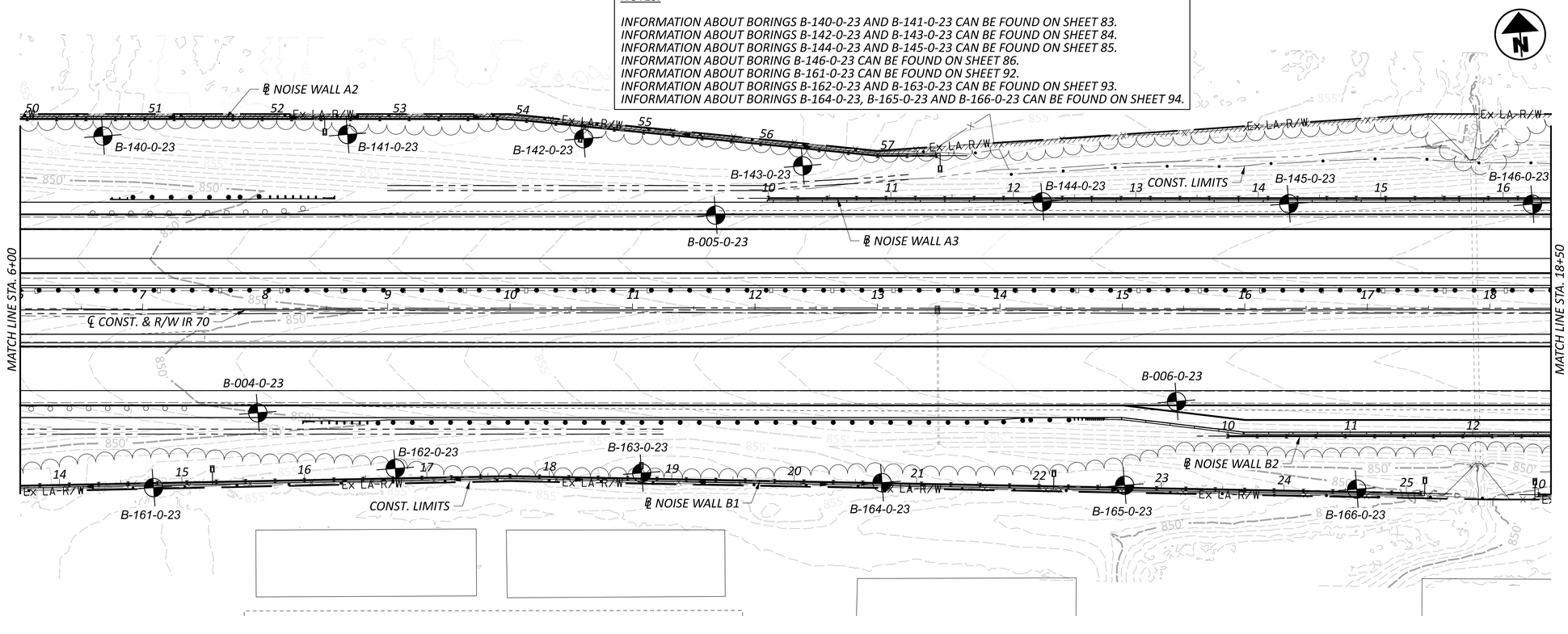
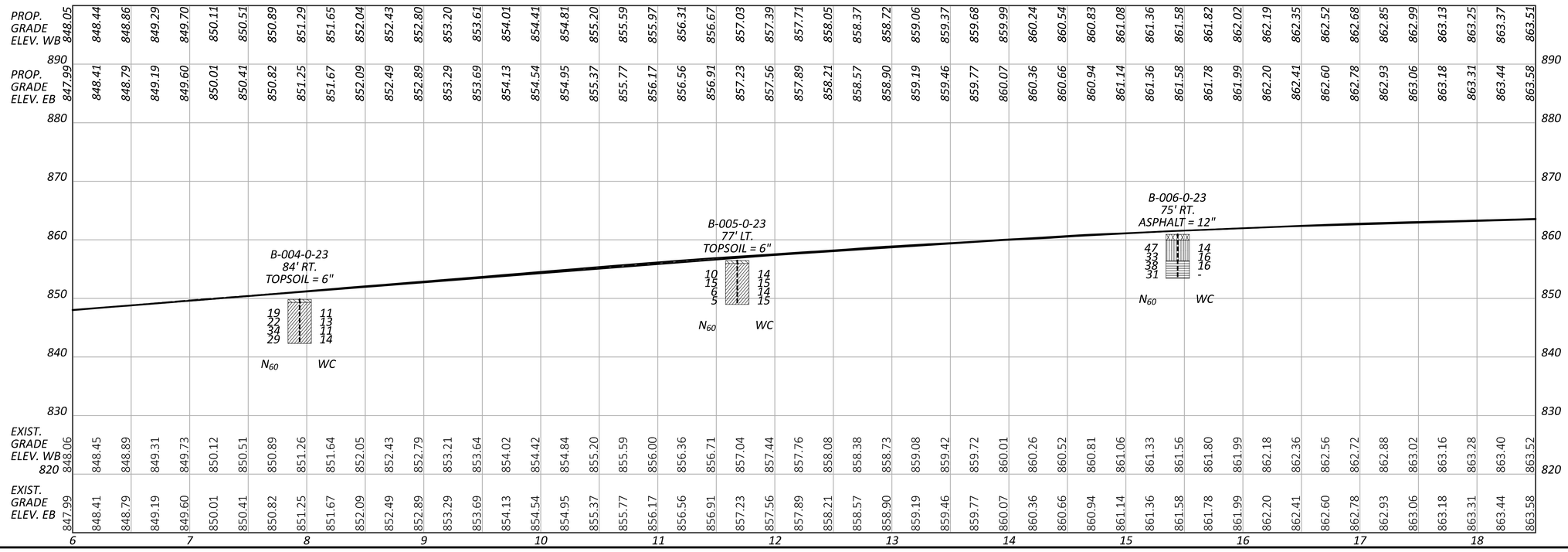
WOODED

NOTES:

INFORMATION ABOUT BORINGS B-140-0-23 AND B-141-0-23 CAN BE FOUND ON SHEET 83.
INFORMATION ABOUT BORINGS B-142-0-23 AND B-143-0-23 CAN BE FOUND ON SHEET 84.
INFORMATION ABOUT BORINGS B-144-0-23 AND B-145-0-23 CAN BE FOUND ON SHEET 85.
INFORMATION ABOUT BORING B-146-0-23 CAN BE FOUND ON SHEET 86.
INFORMATION ABOUT BORING B-161-0-23 CAN BE FOUND ON SHEET 92.
INFORMATION ABOUT BORINGS B-162-0-23 AND B-163-0-23 CAN BE FOUND ON SHEET 93.
INFORMATION ABOUT BORINGS B-164-0-23, B-165-0-23 AND B-166-0-23 CAN BE FOUND ON SHEET 94.





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 6+00 TO STA. 18+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	14
TOTAL	206
SHEET	P.1832
TOTAL	P.2024

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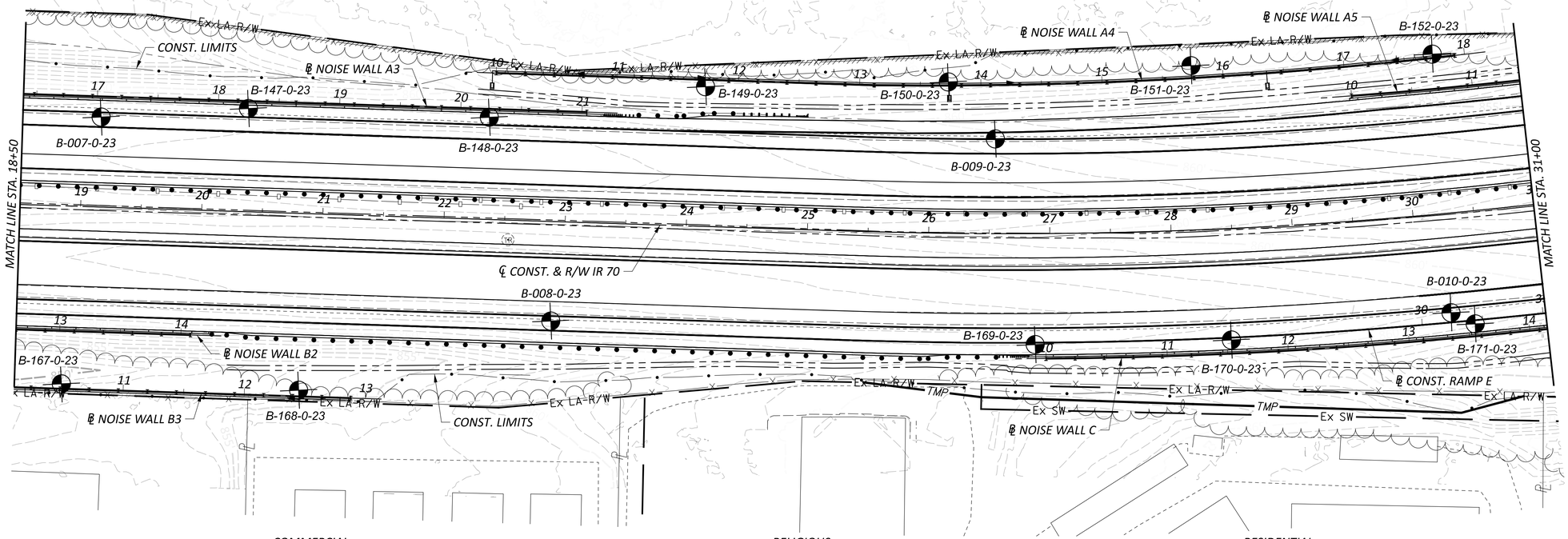
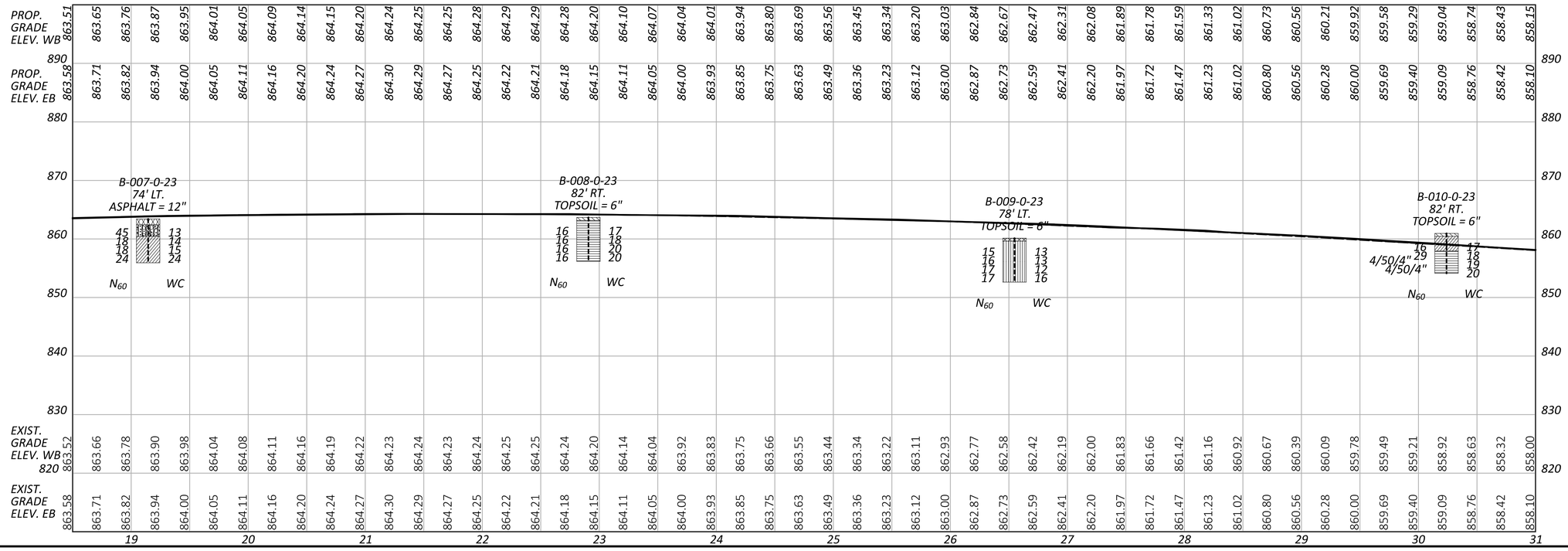
FAI/LIC-70-0.00-0.00

WOODED

NOTES:

INFORMATION ABOUT BORINGS B-147-0-23 AND B-148-0-23 CAN BE FOUND ON SHEET 86.
INFORMATION ABOUT BORINGS B-149-0-23 AND B-150-0-23 CAN BE FOUND ON SHEET 87.
INFORMATION ABOUT BORINGS B-151-0-23 AND B-152-0-23 CAN BE FOUND ON SHEET 88.
INFORMATION ABOUT BORINGS B-167-0-23 AND B-168-0-23 CAN BE FOUND ON SHEET 96.
INFORMATION ABOUT BORINGS B-169-0-23, B-170-0-23 AND B-171-0-23 CAN BE FOUND ON SHEET 97.





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 18+50 TO STA. 31+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 15 TOTAL 206
SHEET P.1833 TOTAL P.2024

MODEL: 96808_JP004 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:53:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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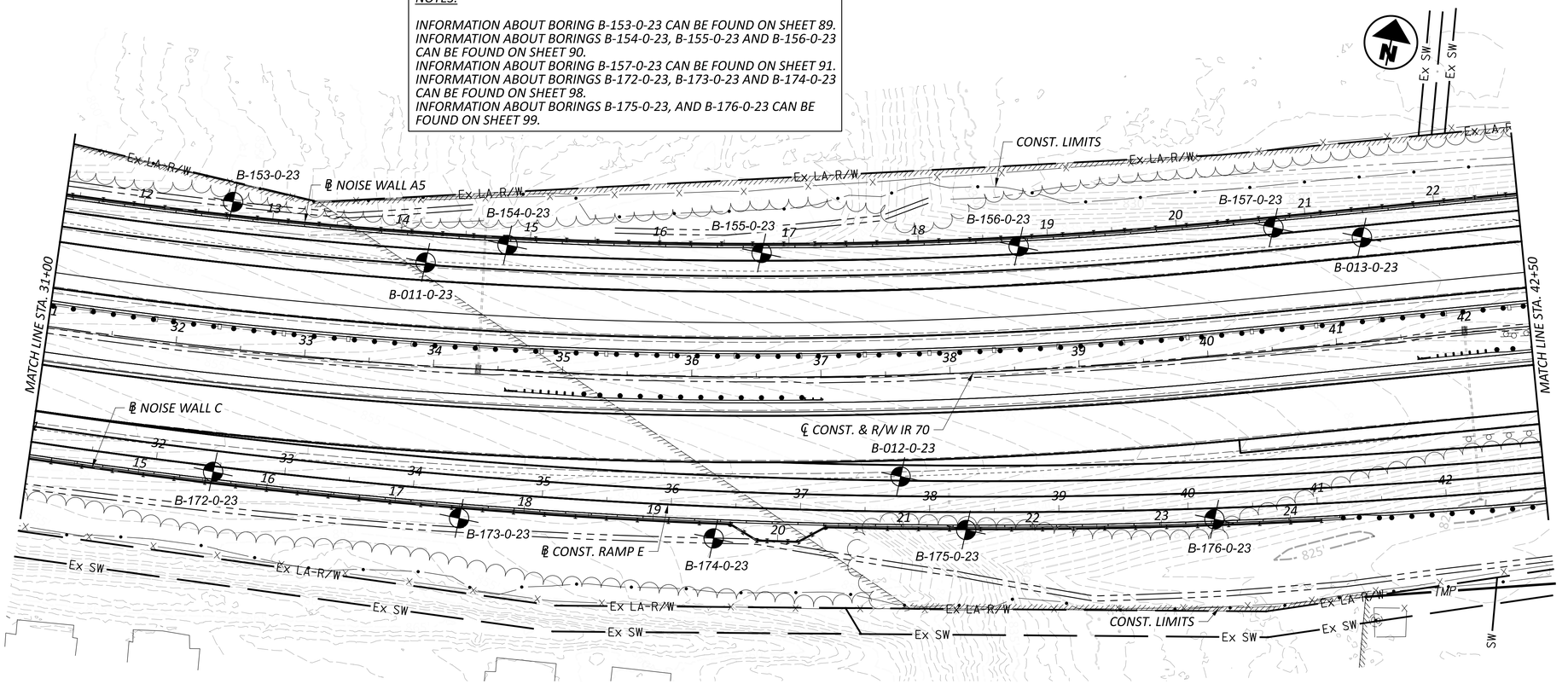
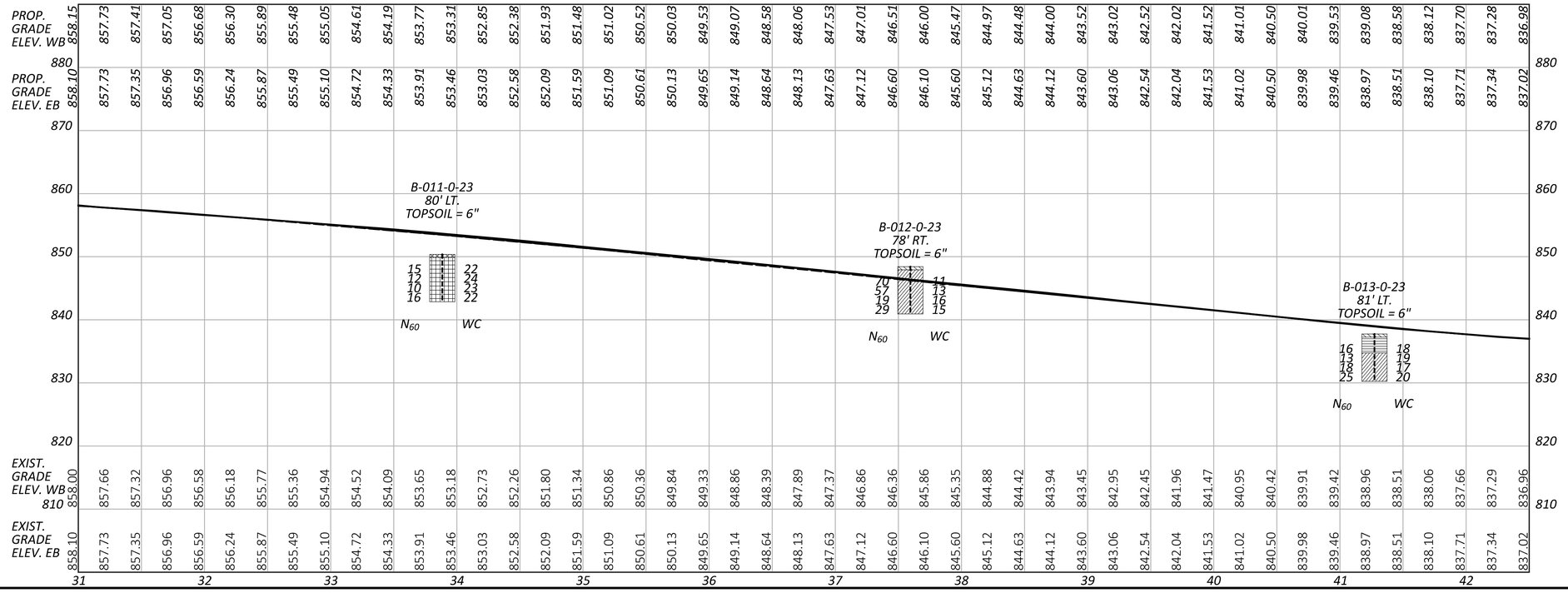
FAI/LIC-70-0.00-0.00

WOODED

NOTES:

INFORMATION ABOUT BORING B-153-0-23 CAN BE FOUND ON SHEET 89.
INFORMATION ABOUT BORINGS B-154-0-23, B-155-0-23 AND B-156-0-23 CAN BE FOUND ON SHEET 90.
INFORMATION ABOUT BORING B-157-0-23 CAN BE FOUND ON SHEET 91.
INFORMATION ABOUT BORINGS B-172-0-23, B-173-0-23 AND B-174-0-23 CAN BE FOUND ON SHEET 98.
INFORMATION ABOUT BORINGS B-175-0-23, AND B-176-0-23 CAN BE FOUND ON SHEET 99.





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 31+00 TO STA. 42+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
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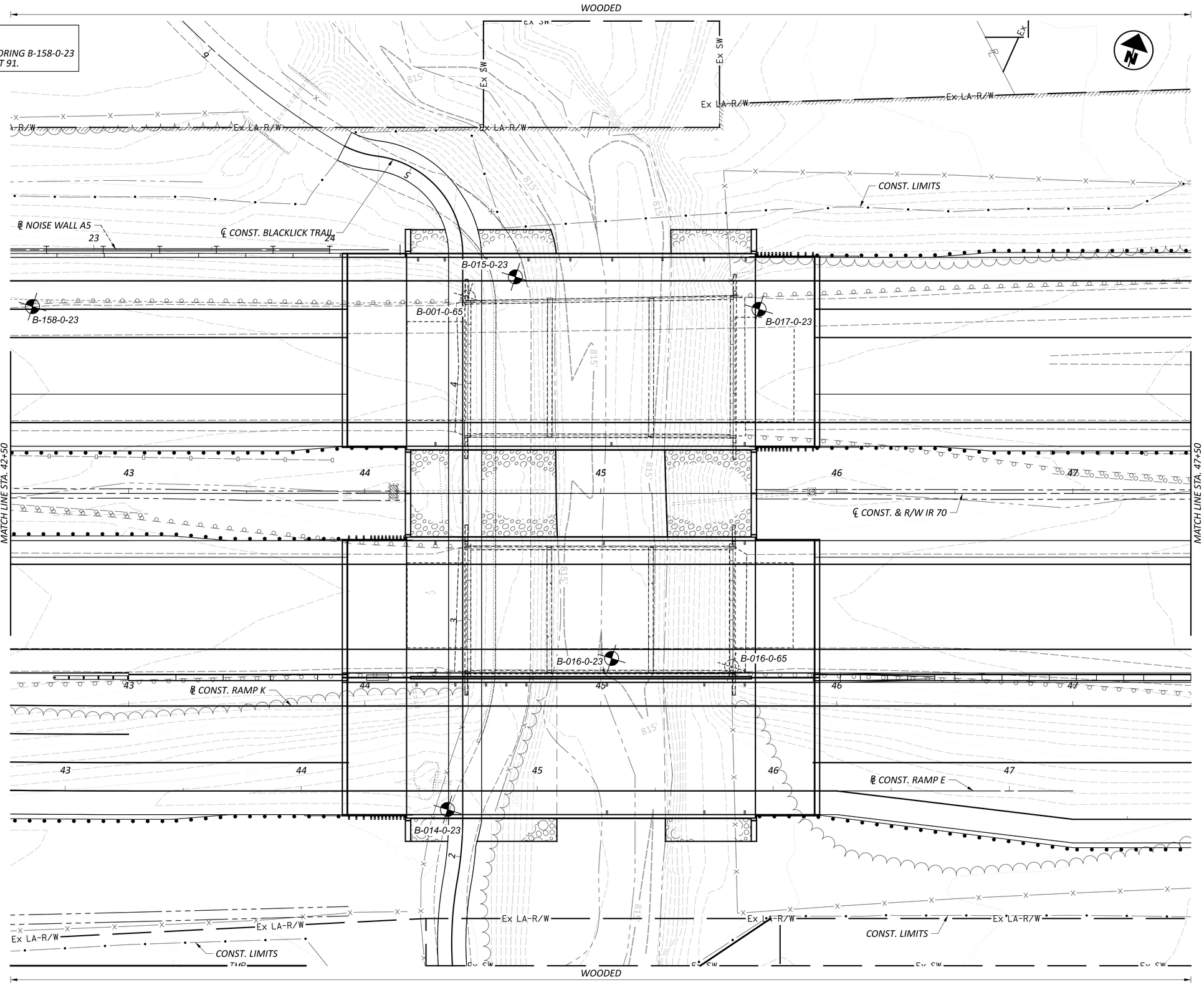
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 16 TOTAL 206
SHEET P.1834 TOTAL P.2024

NOTE:

INFORMATION ABOUT BORING B-158-0-23 CAN BE FOUND ON SHEET 91.



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

FAI/LIC-70-0.00-0.00

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SFN 2301565

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

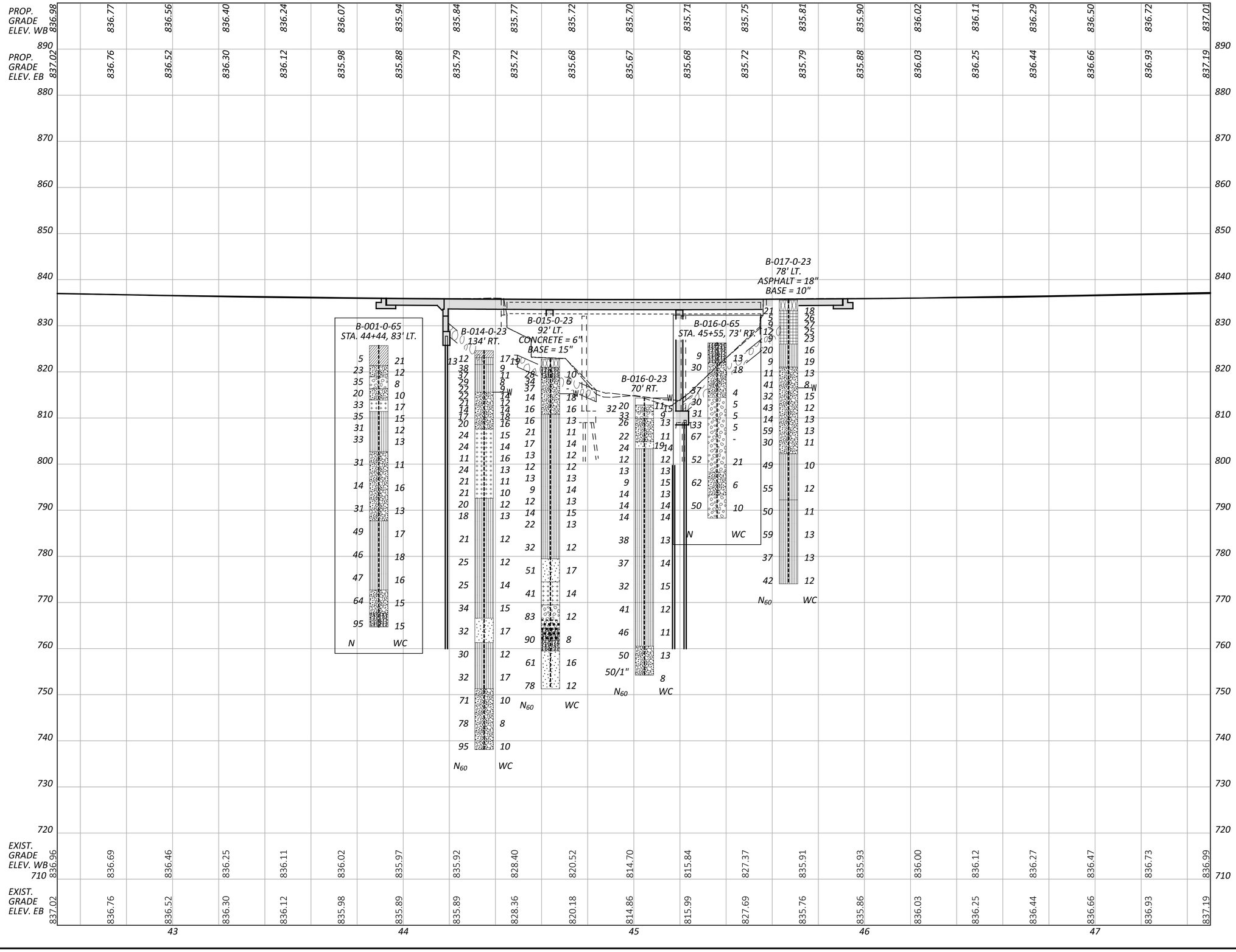
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 17 | TOTAL 206

SHEET P.1835 | TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. FAI-00070-00.840
IR 70 OVER BLACKLICK CREEK

SFN 2301565

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 18 | TOTAL 206

SHEET P.1836 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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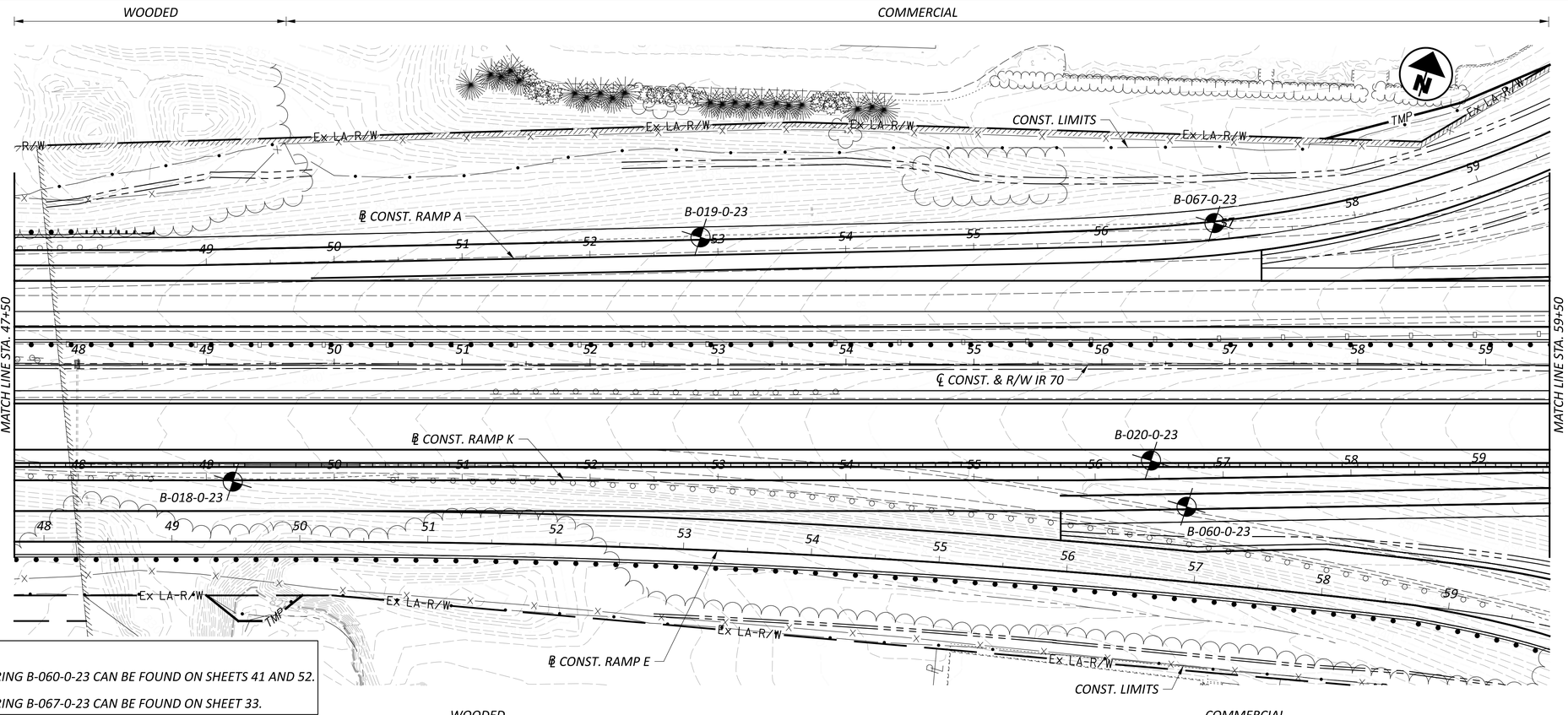


NOTES:

INFORMATION ABOUT BORING B-060-0-23 CAN BE FOUND ON SHEETS 41 AND 52.

INFORMATION ABOUT BORING B-067-0-23 CAN BE FOUND ON SHEET 33.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 47+50 TO STA. 59+50

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP006 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:53:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP006.dgn

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

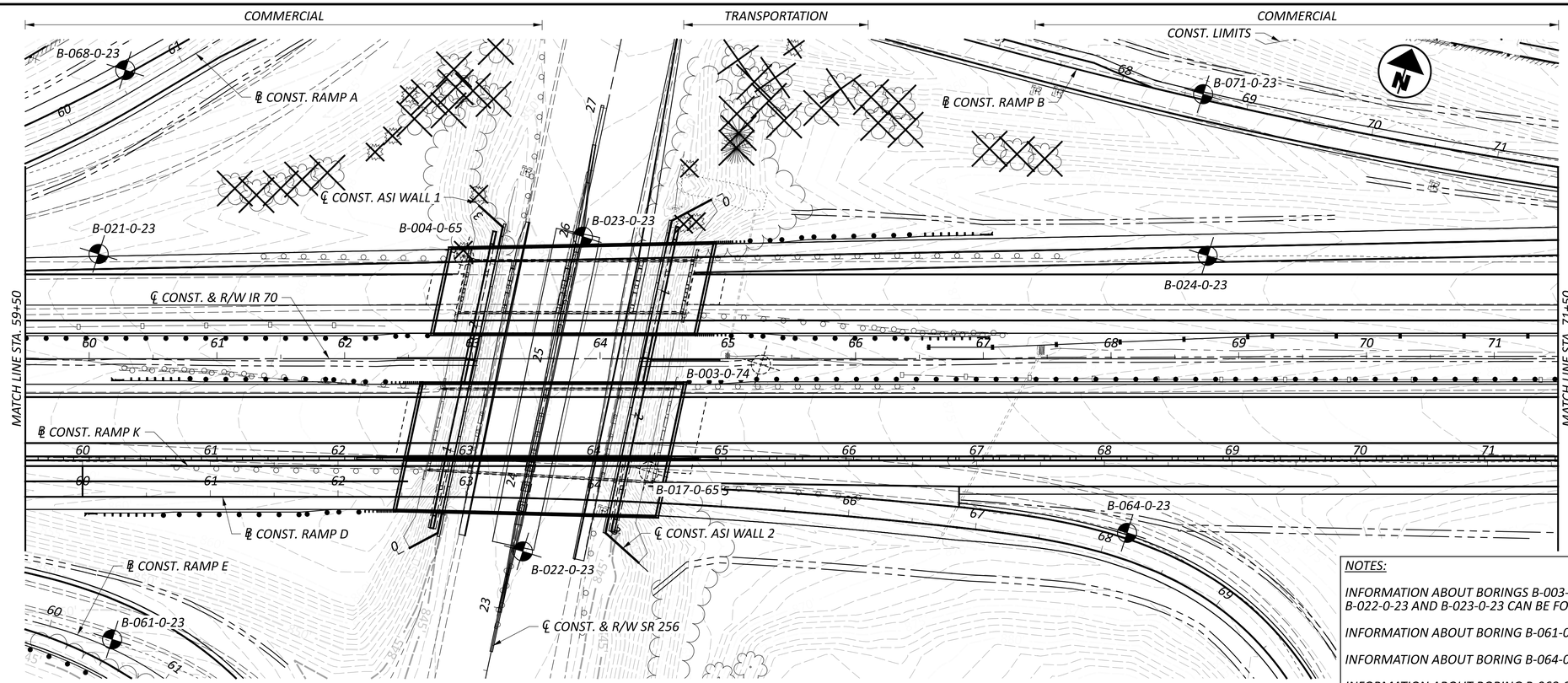
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 19 | TOTAL 206

SHEET P.1837 | TOTAL P.2024



NOTES:

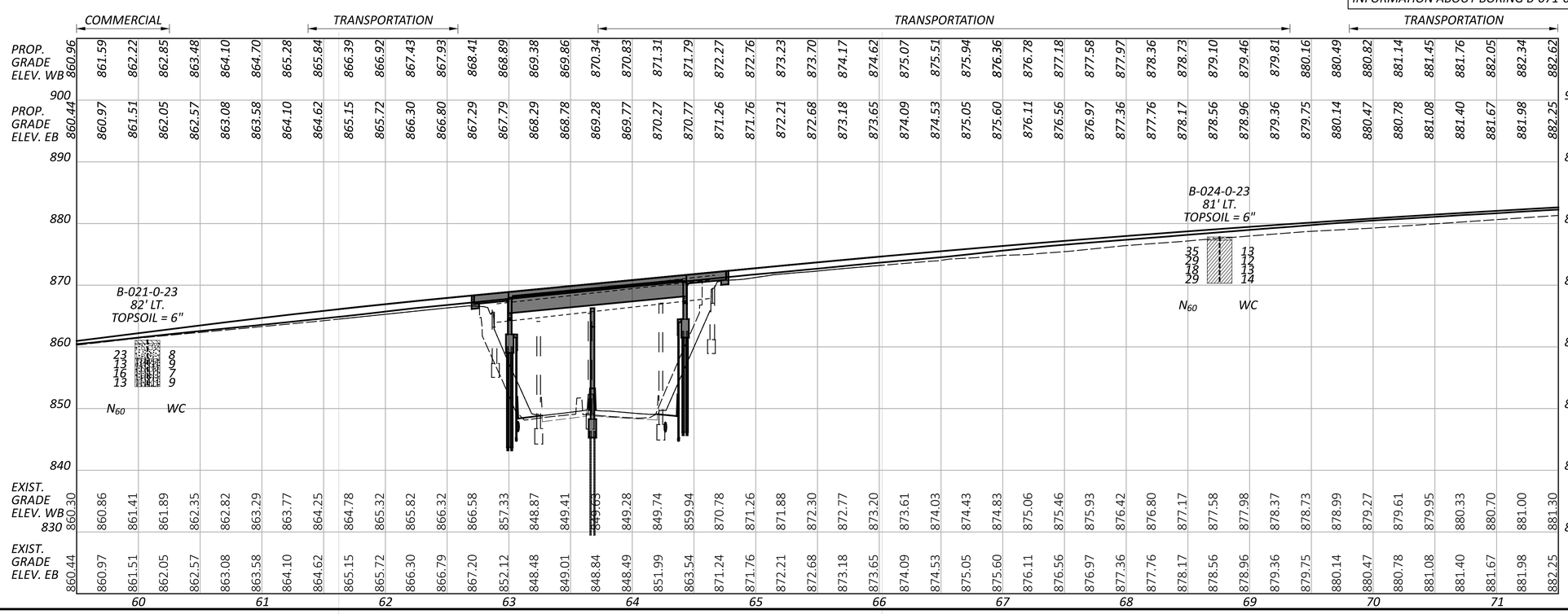
INFORMATION ABOUT BORINGS B-003-0-74, B-004-0-65, B-017-0-65, B-022-0-23 AND B-023-0-23 CAN BE FOUND ON SHEET 22.

INFORMATION ABOUT BORING B-061-0-23 CAN BE FOUND ON SHEET 42.

INFORMATION ABOUT BORING B-064-0-23 CAN BE FOUND ON SHEET 38.

INFORMATION ABOUT BORING B-068-0-23 CAN BE FOUND ON SHEET 34.

INFORMATION ABOUT BORING B-071-0-23 CAN BE FOUND ON SHEET 35.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 59+50 TO STA. 71+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	20
TOTAL	206
SHEET	P.1838
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

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MODEL: 96808_ZP007 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:26:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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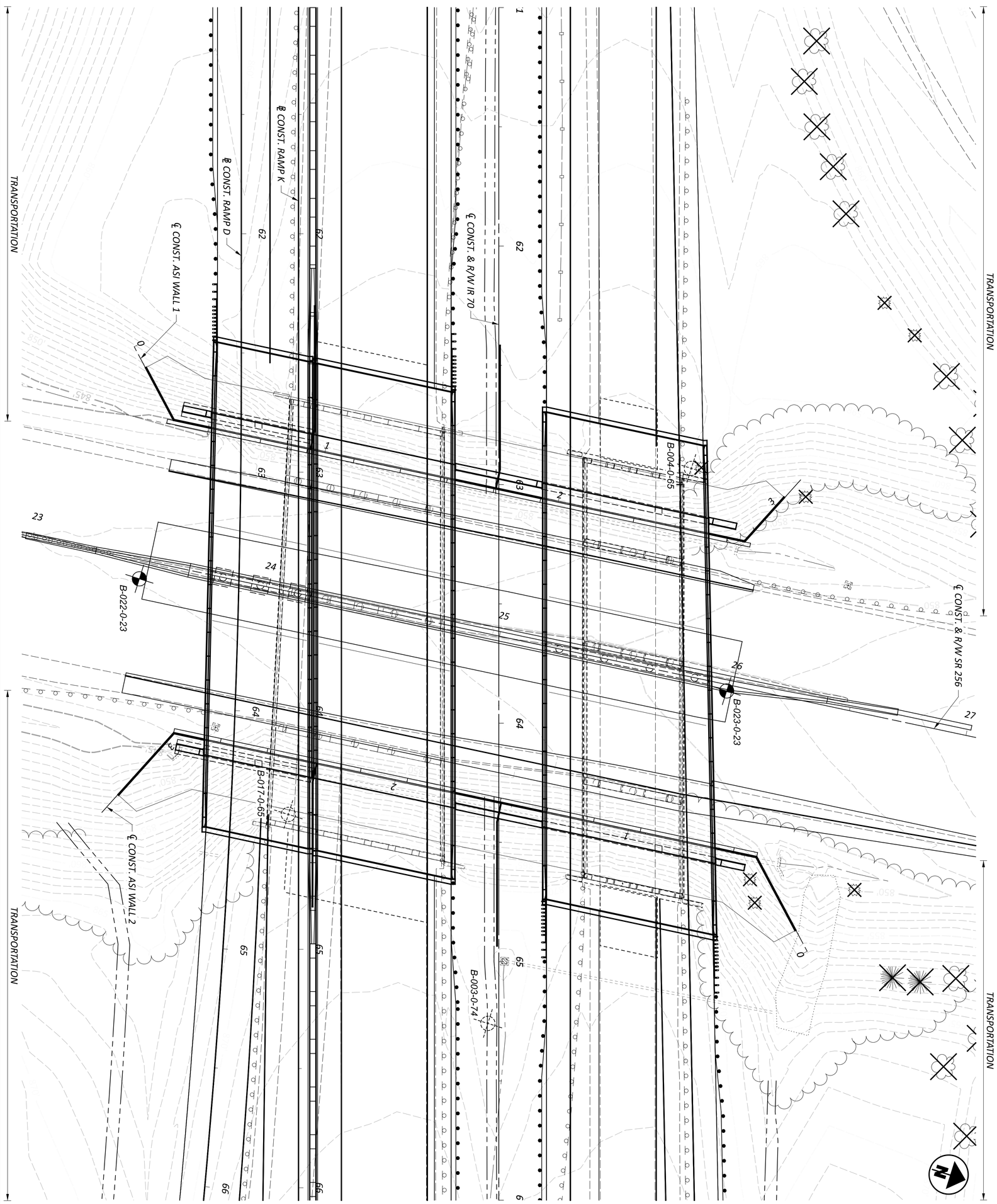
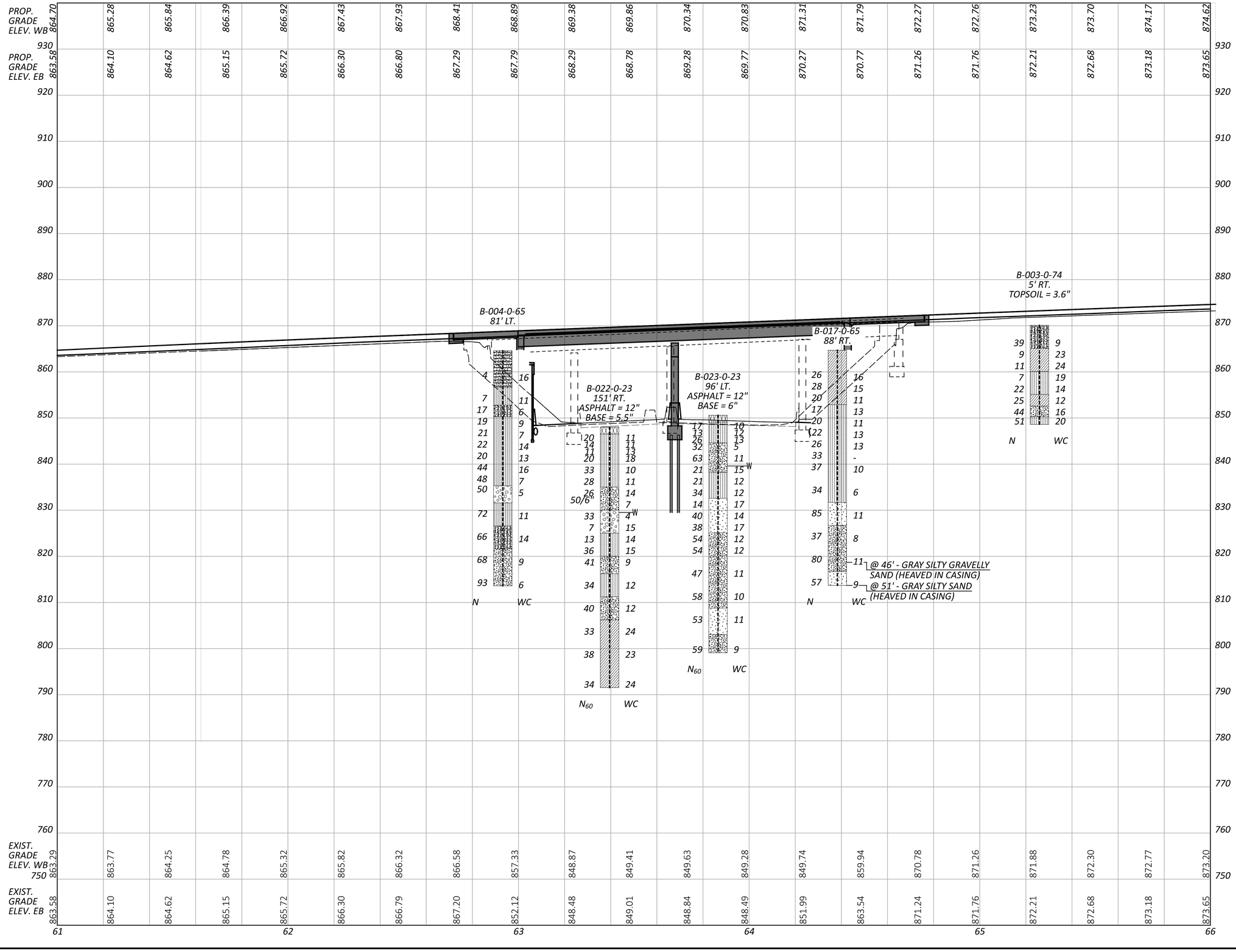


GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. FAI-00070-01.190
IR 70 BRIDGE OVER SR 256

HORIZONTAL SCALE IN FEET
0 20
10 40

SFN	2301654
DESIGN AGENCY	NEAS
	2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 TEL 614.714.0299 WWW.NEASINC.COM
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	21
TOTAL	206
SHEET	P.1839
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. FAI-00070-01.190
IR 70 BRIDGE OVER SR 256

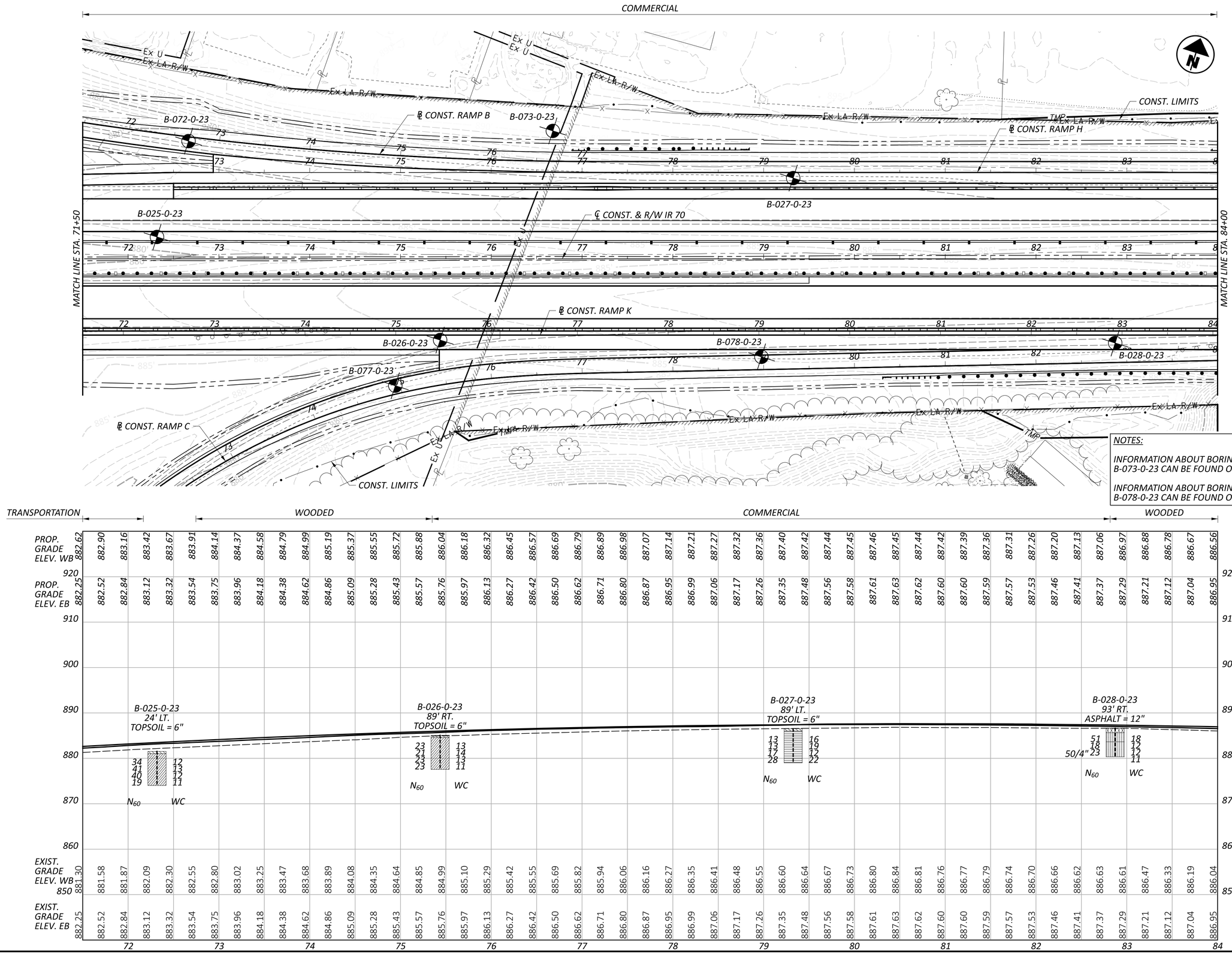
FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF007 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:26:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkancs@measinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZF007.dgn

SFN 2301654

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 22 | TOTAL 206
SHEET P.1840 | TOTAL P.2024



NOTES:

INFORMATION ABOUT BORINGS B-072-0-23 AND B-073-0-23 CAN BE FOUND ON SHEET 35.

INFORMATION ABOUT BORINGS B-077-0-23 AND B-078-0-23 CAN BE FOUND ON SHEET 37.

HORIZONTAL SCALE IN FEET 0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 71+50 TO STA. 84+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 23 TOTAL: 206
SHEET: P.1841 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

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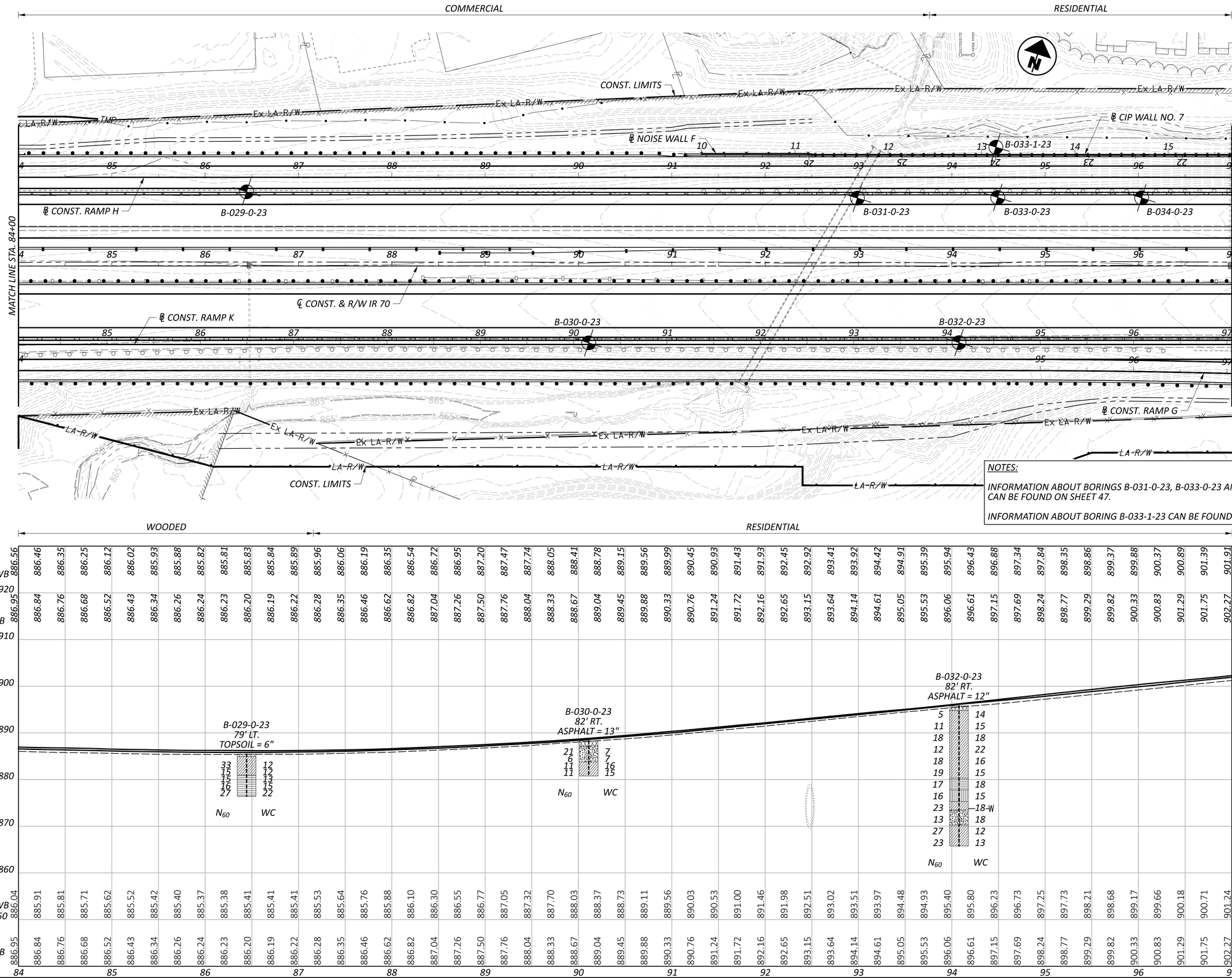

NOTES:

INFORMATION ABOUT BORINGS B-031-0-23, B-033-0-23 AND B-034-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORING B-033-1-23 CAN BE FOUND ON SHEET 70.

HORIZONTAL SCALE IN FEET 0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 84+00 TO STA. 97+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 24 TOTAL: 206
SHEET: P.1842 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

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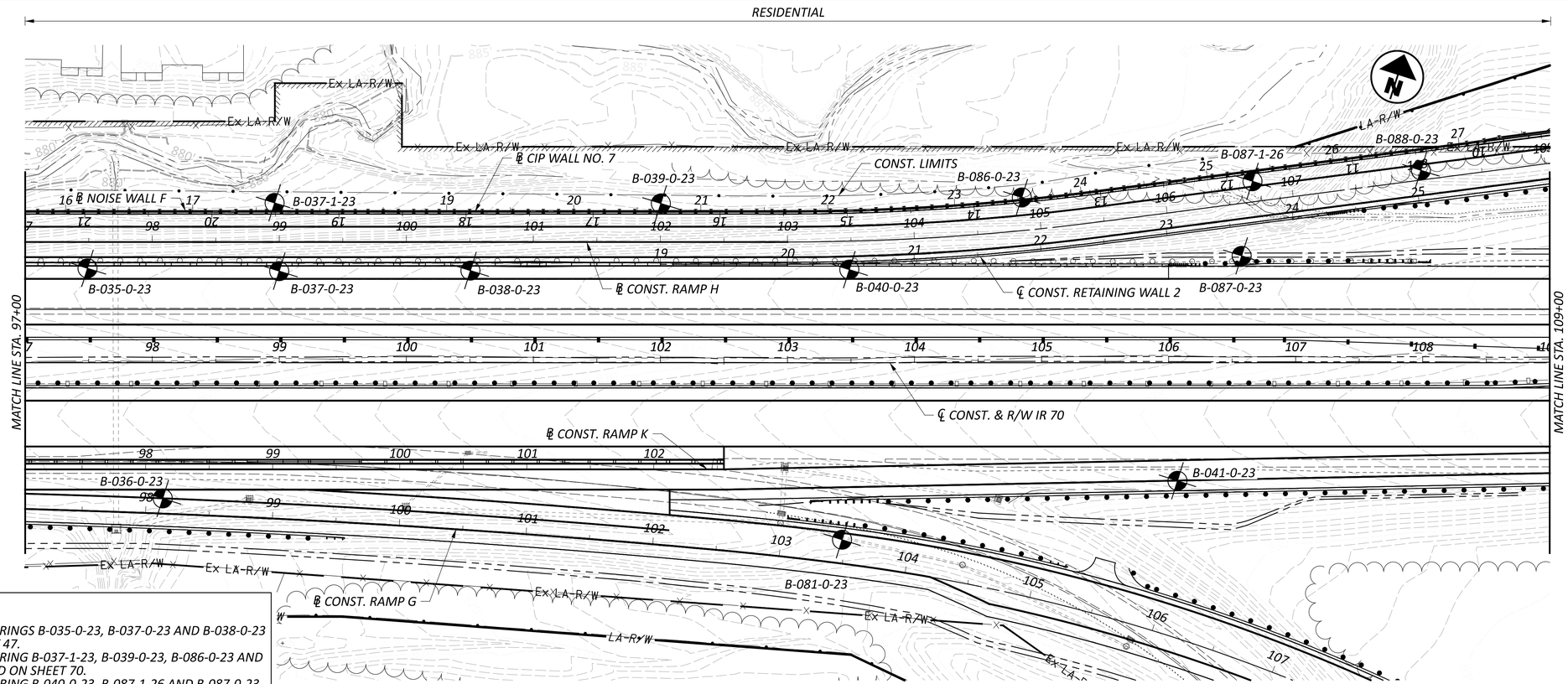

NOTES:

INFORMATION ABOUT BORINGS B-035-0-23, B-037-0-23 AND B-038-0-23 CAN BE FOUND ON SHEET 47.
INFORMATION ABOUT BORING B-037-1-23, B-039-0-23, B-086-0-23 AND B-088-0-23 CAN BE FOUND ON SHEET 70.
INFORMATION ABOUT BORING B-040-0-23, B-087-1-26 AND B-087-0-23 CAN BE FOUND ON SHEET 72.
INFORMATION ABOUT BORING B-081-0-23 CAN BE FOUND ON SHEET 44.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 97+00 TO STA. 109+00

FAI/LIC-70-0.00-0.00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	25
TOTAL	206
SHEET	P.1843
TOTAL	P.2024

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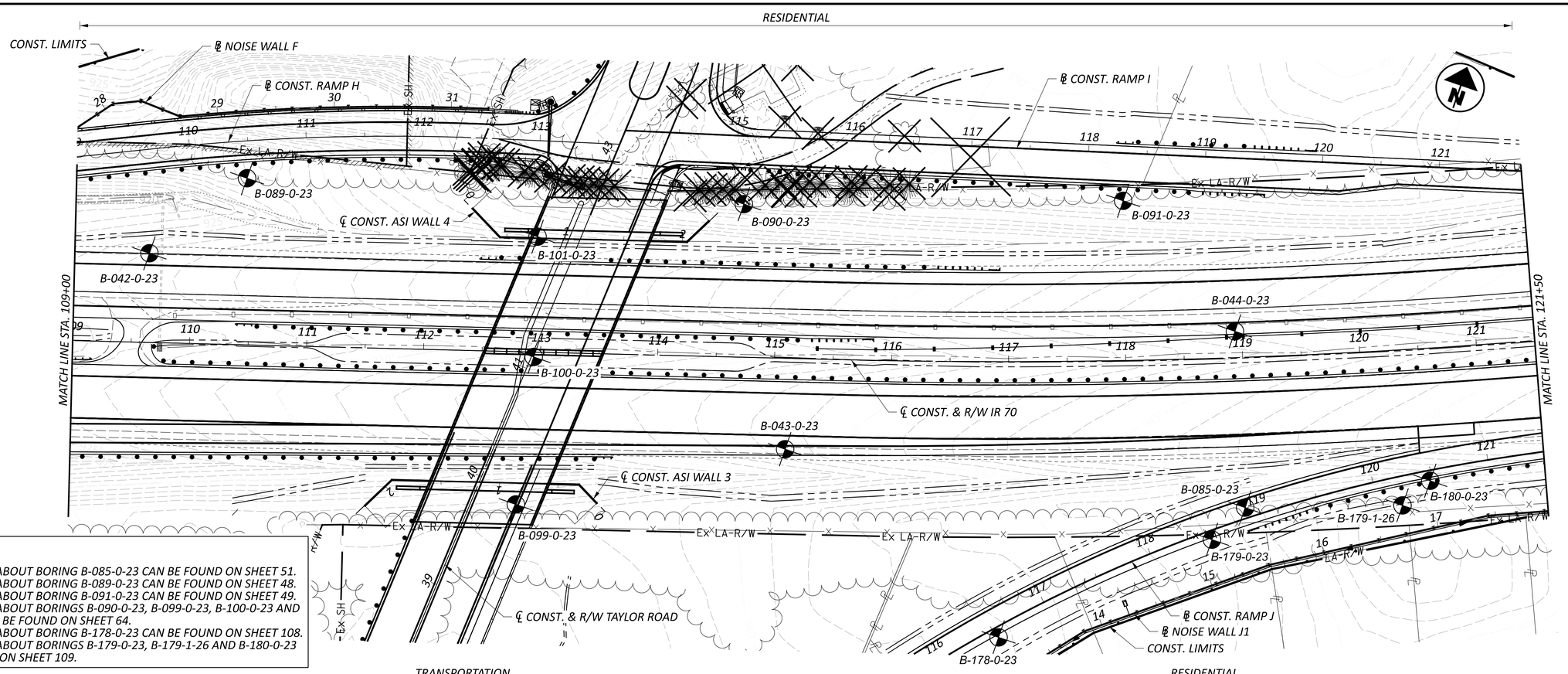
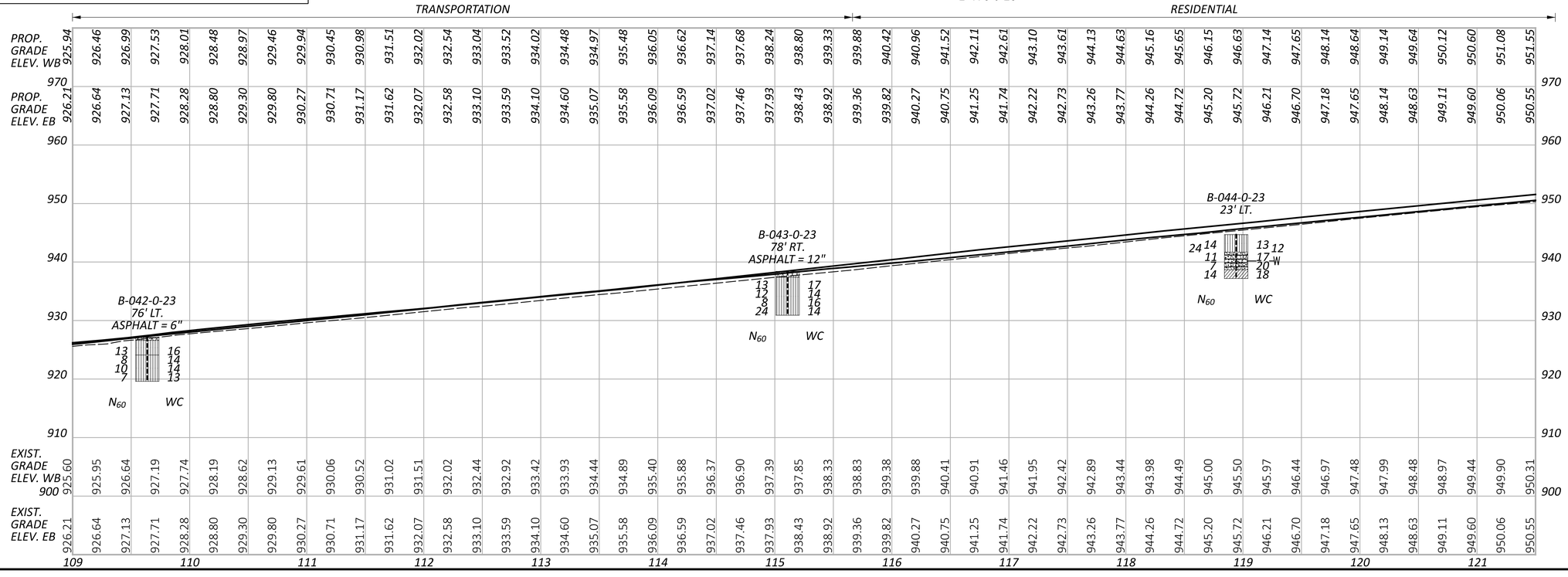


NOTES:

INFORMATION ABOUT BORING B-085-0-23 CAN BE FOUND ON SHEET 51.
INFORMATION ABOUT BORING B-089-0-23 CAN BE FOUND ON SHEET 48.
INFORMATION ABOUT BORING B-091-0-23 CAN BE FOUND ON SHEET 49.
INFORMATION ABOUT BORINGS B-090-0-23, B-099-0-23, B-100-0-23 AND B-101-0-23 CAN BE FOUND ON SHEET 64.
INFORMATION ABOUT BORING B-178-0-23 CAN BE FOUND ON SHEET 108.
INFORMATION ABOUT BORINGS B-179-0-23, B-179-1-26 AND B-180-0-23 CAN BE FOUND ON SHEET 109.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 109+00 TO STA. 121+50

DESIGN AGENCY
NEAS
Noisecar Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 26 | TOTAL 206
SHEET P.1844 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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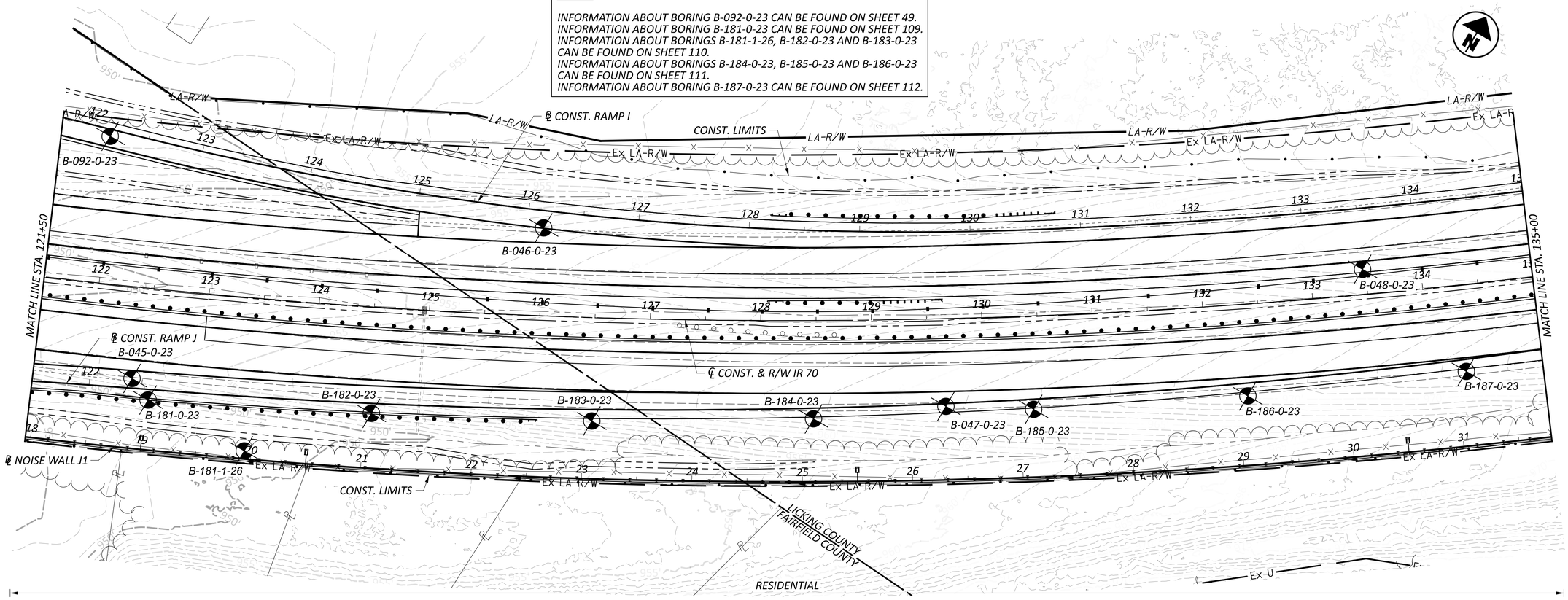
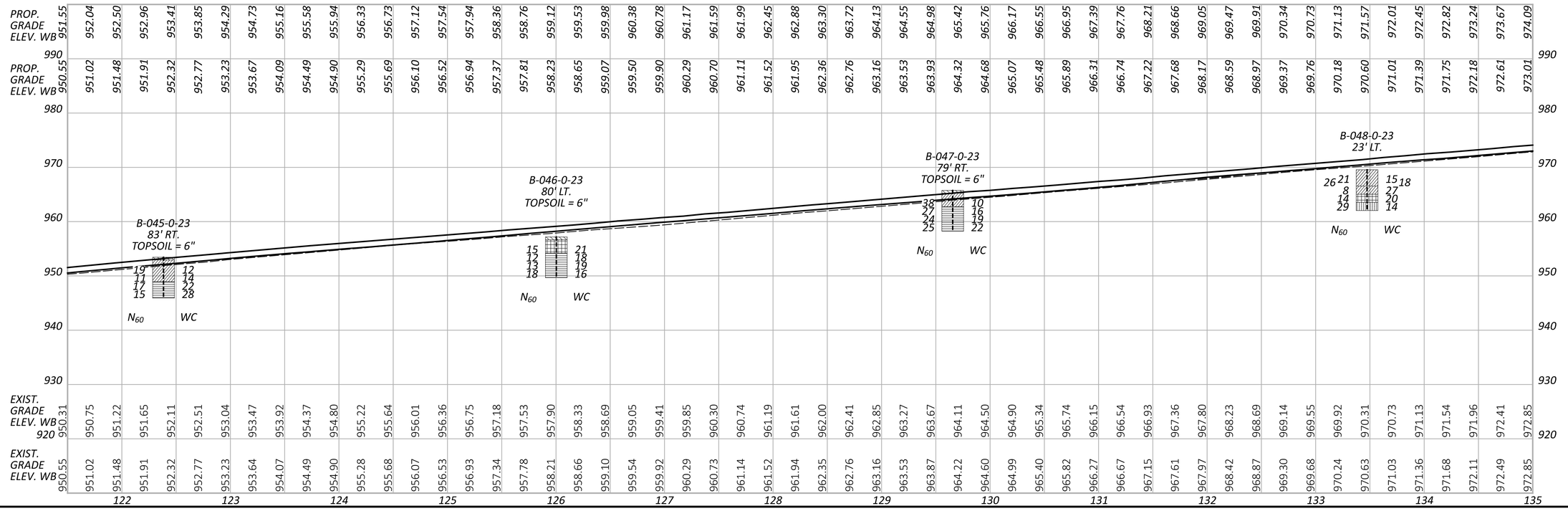
WOODED

NOTES:

INFORMATION ABOUT BORING B-092-0-23 CAN BE FOUND ON SHEET 49.
INFORMATION ABOUT BORING B-181-0-23 CAN BE FOUND ON SHEET 109.
INFORMATION ABOUT BORINGS B-181-1-26, B-182-0-23 AND B-183-0-23 CAN BE FOUND ON SHEET 110.
INFORMATION ABOUT BORINGS B-184-0-23, B-185-0-23 AND B-186-0-23 CAN BE FOUND ON SHEET 111.
INFORMATION ABOUT BORING B-187-0-23 CAN BE FOUND ON SHEET 112.





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 121+50 TO STA. 135+00

DESIGN AGENCY
NEAS
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 27 TOTAL 206
SHEET P.1845 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP012 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:55:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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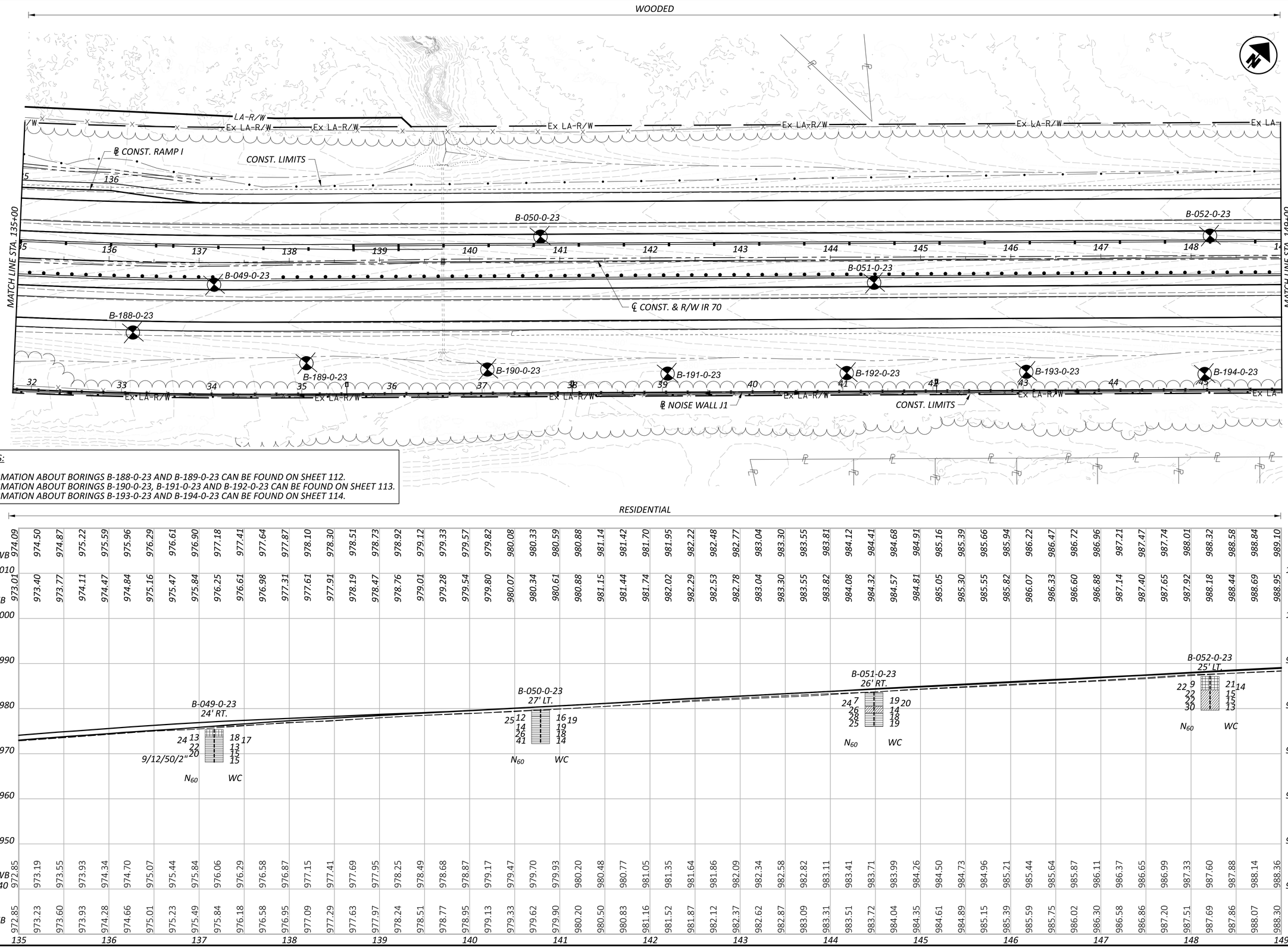

NOTES:

INFORMATION ABOUT BORINGS B-188-0-23 AND B-189-0-23 CAN BE FOUND ON SHEET 112.
INFORMATION ABOUT BORINGS B-190-0-23, B-191-0-23 AND B-192-0-23 CAN BE FOUND ON SHEET 113.
INFORMATION ABOUT BORINGS B-193-0-23 AND B-194-0-23 CAN BE FOUND ON SHEET 114.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 135+00 TO STA. 149+00

FAI/LIC-70-0.00-0.00

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DESIGN AGENCY
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2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

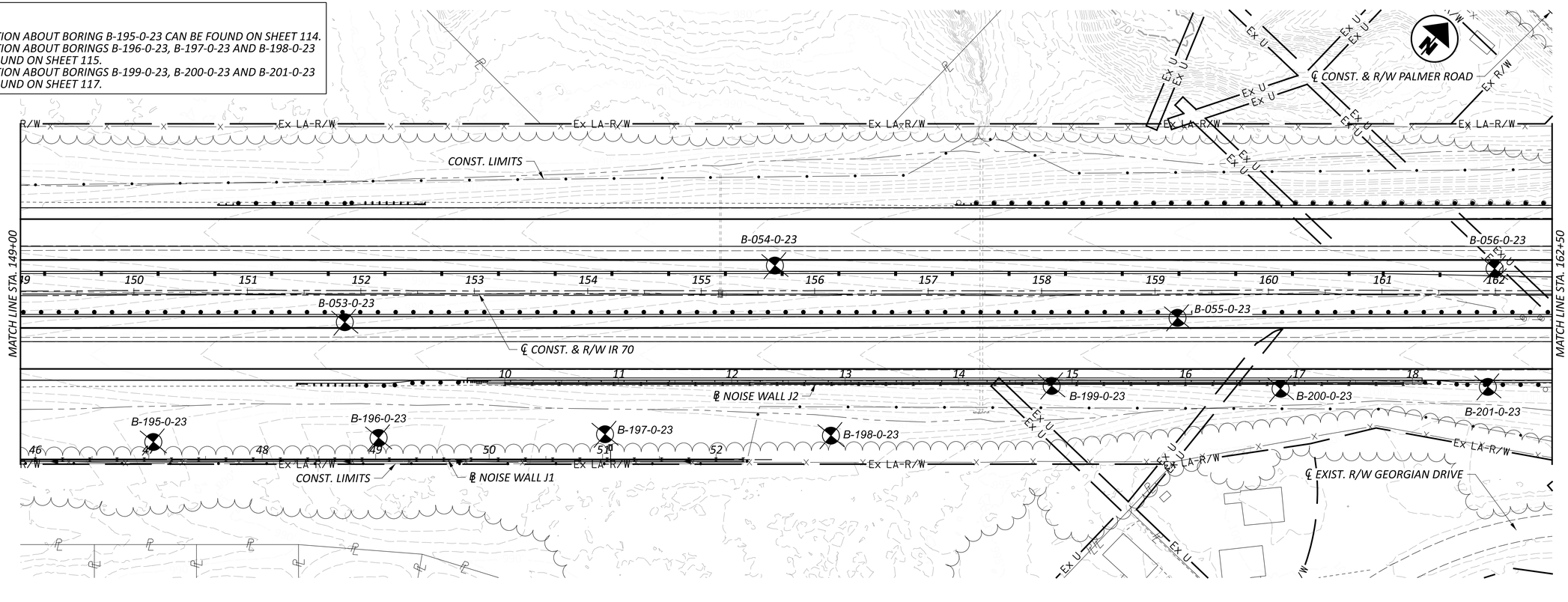
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	28
TOTAL	206
SHEET	P.1846
TOTAL	P.2024

WOODED

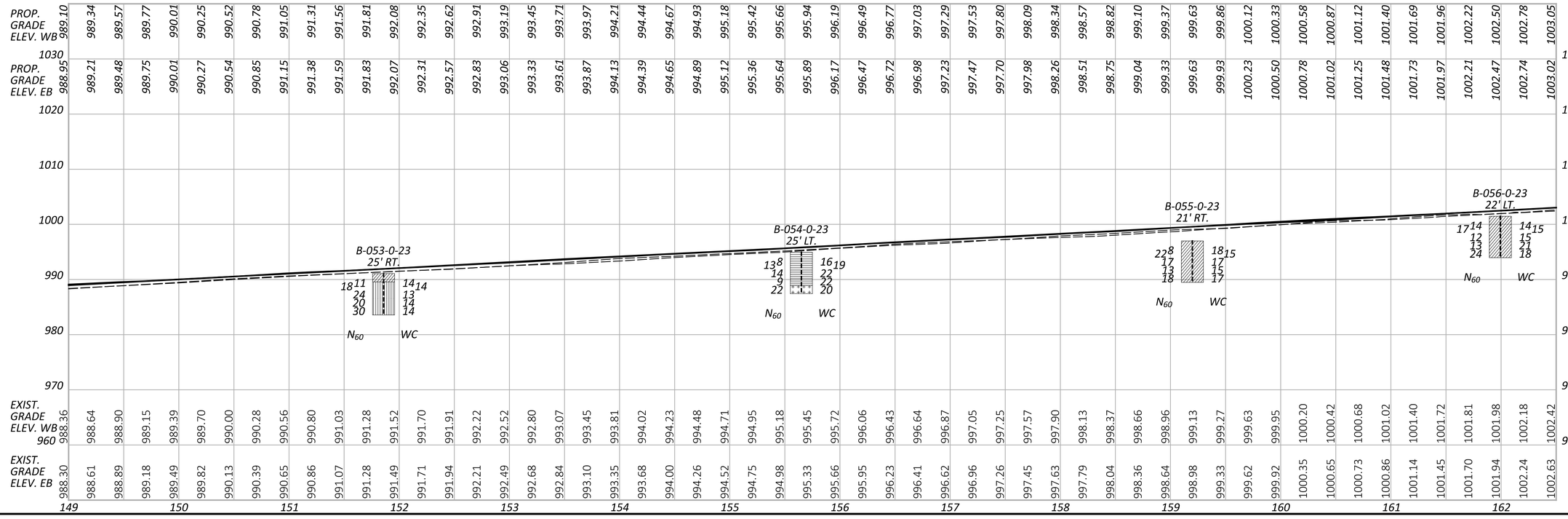
RESIDENTIAL

NOTES:

INFORMATION ABOUT BORING B-195-0-23 CAN BE FOUND ON SHEET 114.
INFORMATION ABOUT BORINGS B-196-0-23, B-197-0-23 AND B-198-0-23 CAN BE FOUND ON SHEET 115.
INFORMATION ABOUT BORINGS B-199-0-23, B-200-0-23 AND B-201-0-23 CAN BE FOUND ON SHEET 117.



RESIDENTIAL



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 149+00 TO STA. 162+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
29	206
SHEET	TOTAL
P.1847	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP014 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:56:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkiancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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MODEL: 96808_ZP015 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:27:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkancs@measinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-00.00-0.00

RESIDENTIAL

WOODED

WOODED

Ex LA-R/W

Ex LA-R/W

Ex LA-R/W

Ex LA-R/W

Ex LA-R/W

B-118-0-23

B-057-0-23

CONST. LIMITS

L-001-0-64

L-004-0-64

L-002-0-64

L-003-0-64

MATCH LINE STA. 162+50

MATCH LINE STA. 167+50

163

164

165

166

167

℄ CONST. & R/W IR 70

R-004-0-64

R-003-0-64

R-001-0-64

R-002-0-64

℄ CONST. ASI WALL 5

℄ CONST. ASI WALL 6

℄ CONST. & R/W PALMER ROAD

CONST. LIMITS

Ex U

Ex LA-R/W

CONST. LIMITS

Ex LA-R/W

℄ CONST. GEORGIAN DRIVE S.W.

103

B-116-0-23

Ex LA-R/W

RESIDENTIAL

NOTES:

INFORMATION ABOUT BORING 116-0-23 CAN BE FOUND ON SHEET 59.

INFORMATION ABOUT BORING 118-0-23 CAN BE FOUND ON SHEET 60.

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. LIC-00070-00.740L&R
IR 70 BRIDGE OVER PALMER ROAD

SFN 4502885 & 4502915

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

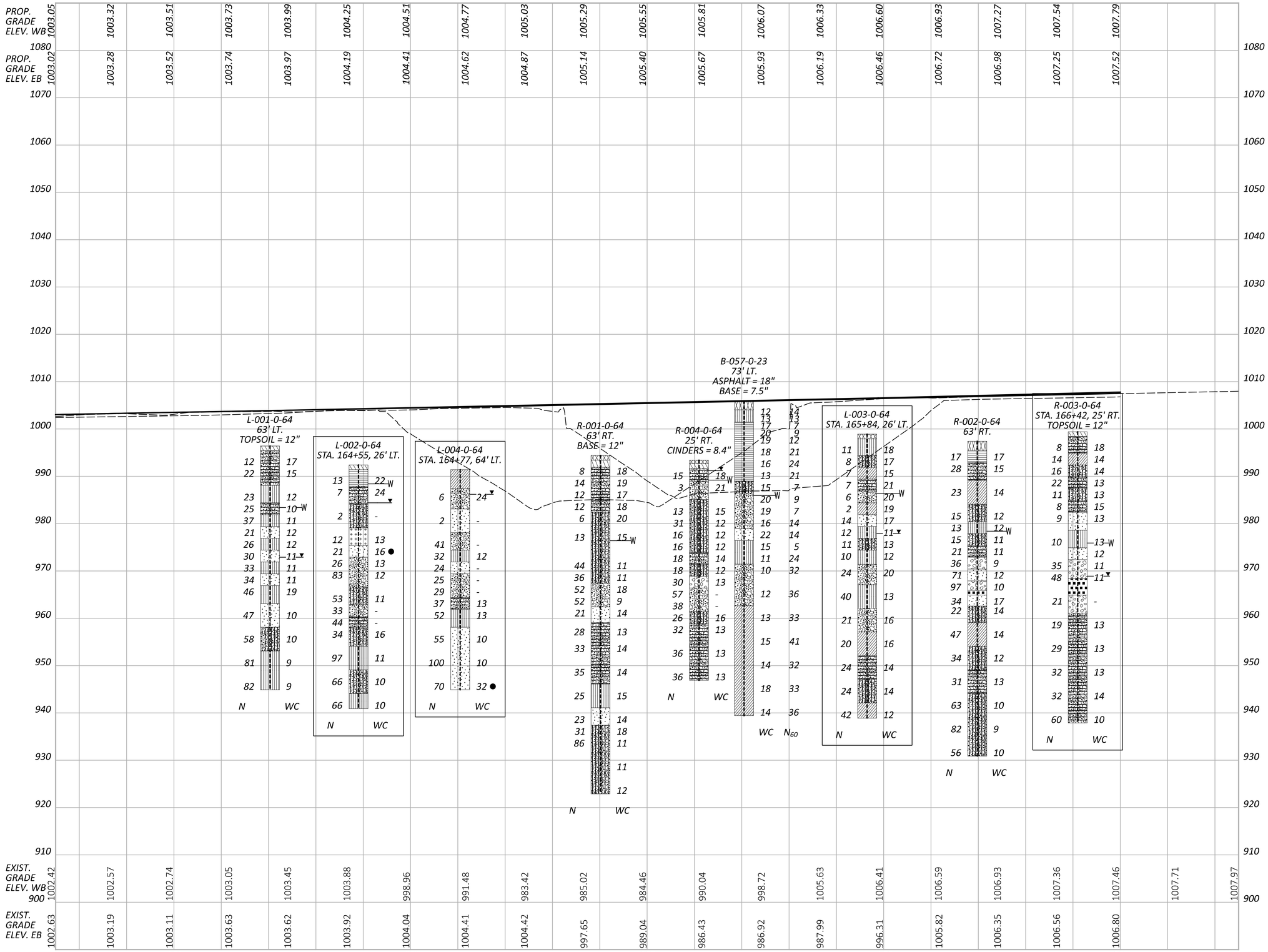
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 30 | TOTAL 206

SHEET P.1848 | TOTAL P.2024



HORIZONTAL SCALE IN FEET

0 10 20 40

GEOTECHNICAL PROFILE - BRIDGE
BRIDGE NO. LIC-00070-00.740L&R
IR 70 BRIDGE OVER PALMER ROAD

SFN 4502885 & 4502915

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS

REVIEWER CH 08/21/26

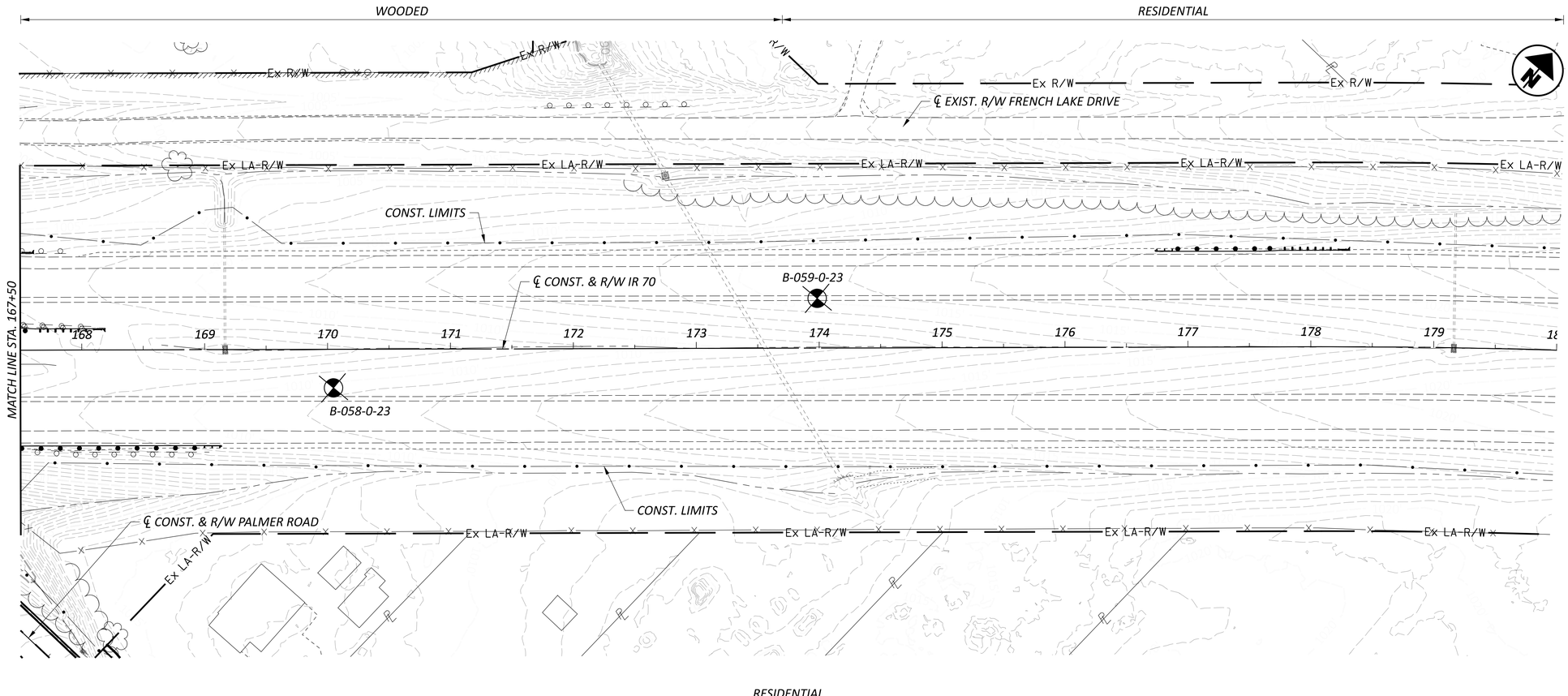
PROJECT ID 96808

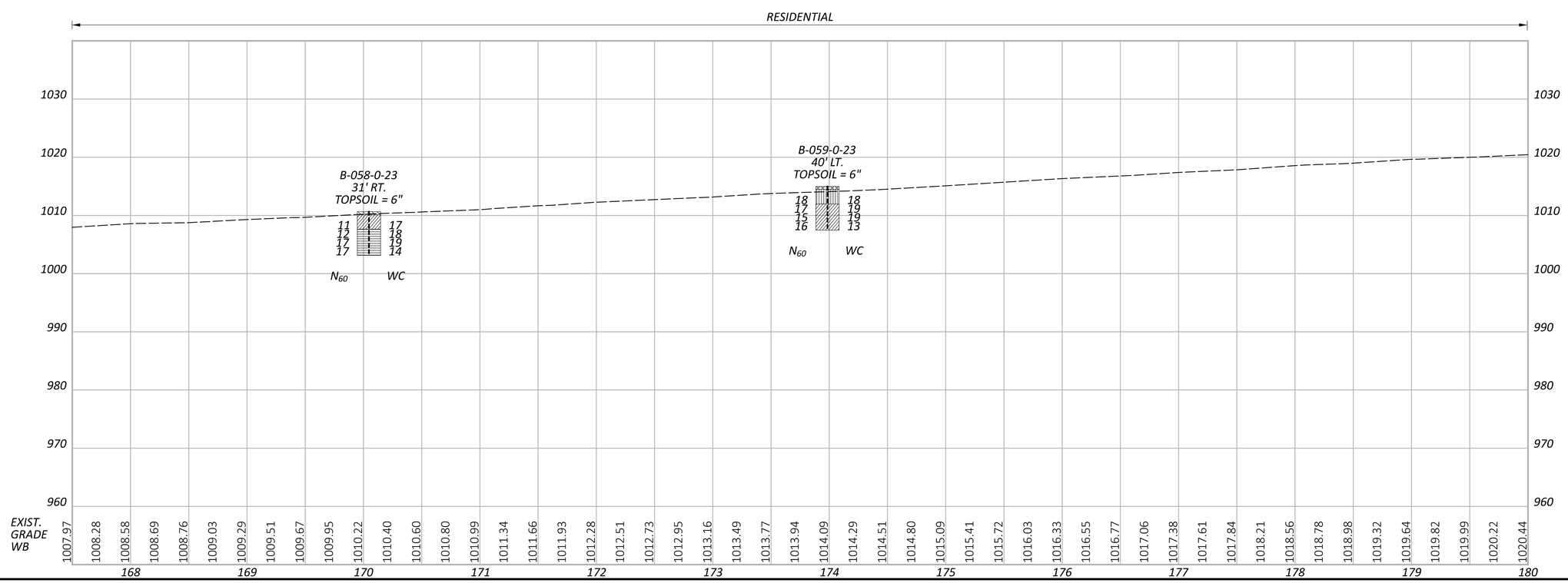
SUBSET 31 TOTAL 206

SHEET P.1849 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF015 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:27:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZF015.dgn





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
IR-70 - STA. 167+50 TO END

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER
RS

REVIEWER
CH 08/21/26

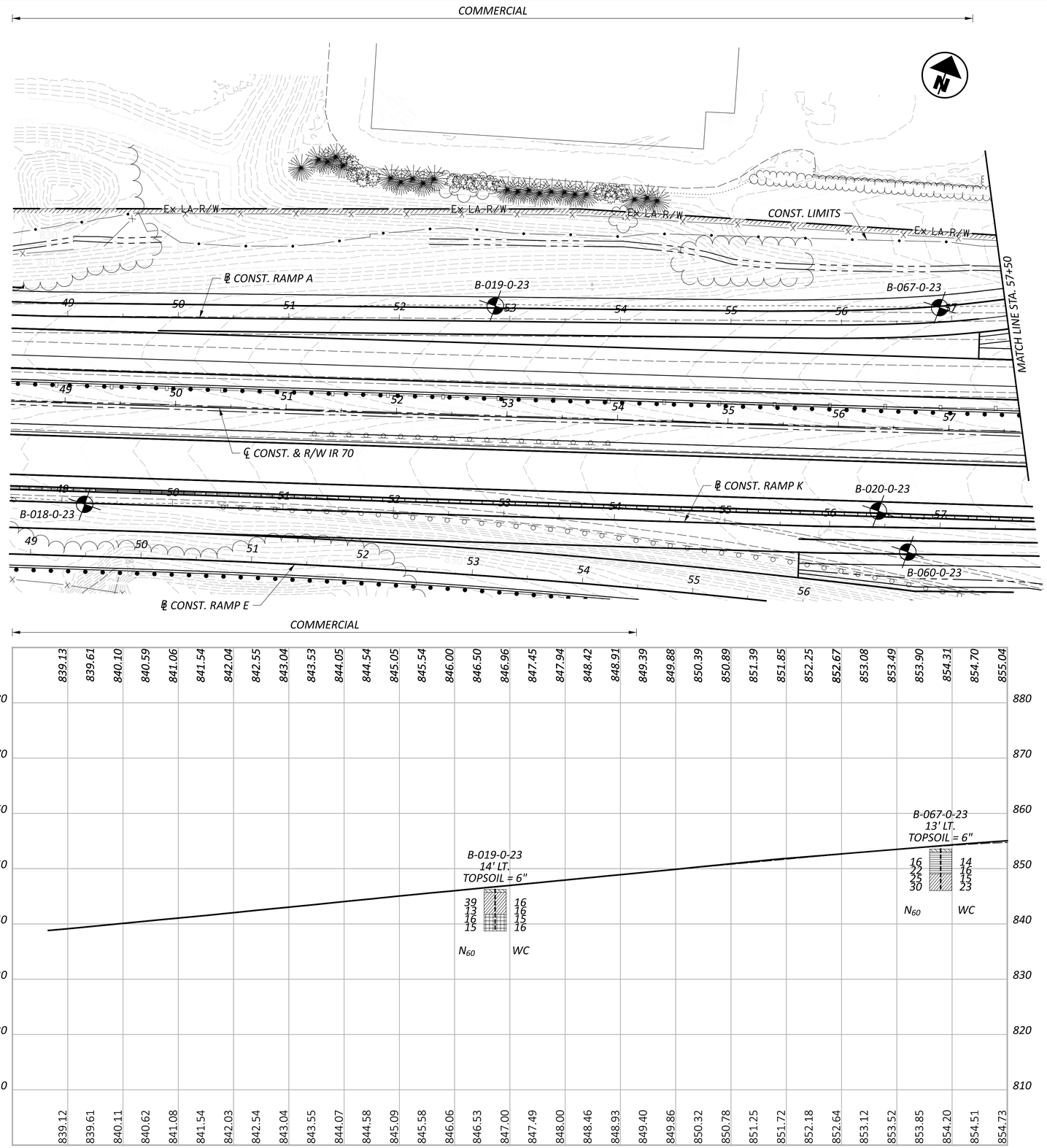
PROJECT ID
96808

SUBSET 32 | TOTAL 206

SHEET P.1850 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP016 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:56:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP016.dgn



NOTES:

INFORMATION ABOUT BORINGS B-018-0-23 AND B-020-0-23 CAN BE FOUND ON SHEETS 19 AND 52.

INFORMATION ABOUT BORING B-060-0-23 CAN BE FOUND ON SHEET 52.

HORIZONTAL SCALE IN FEET
0 25 50 100

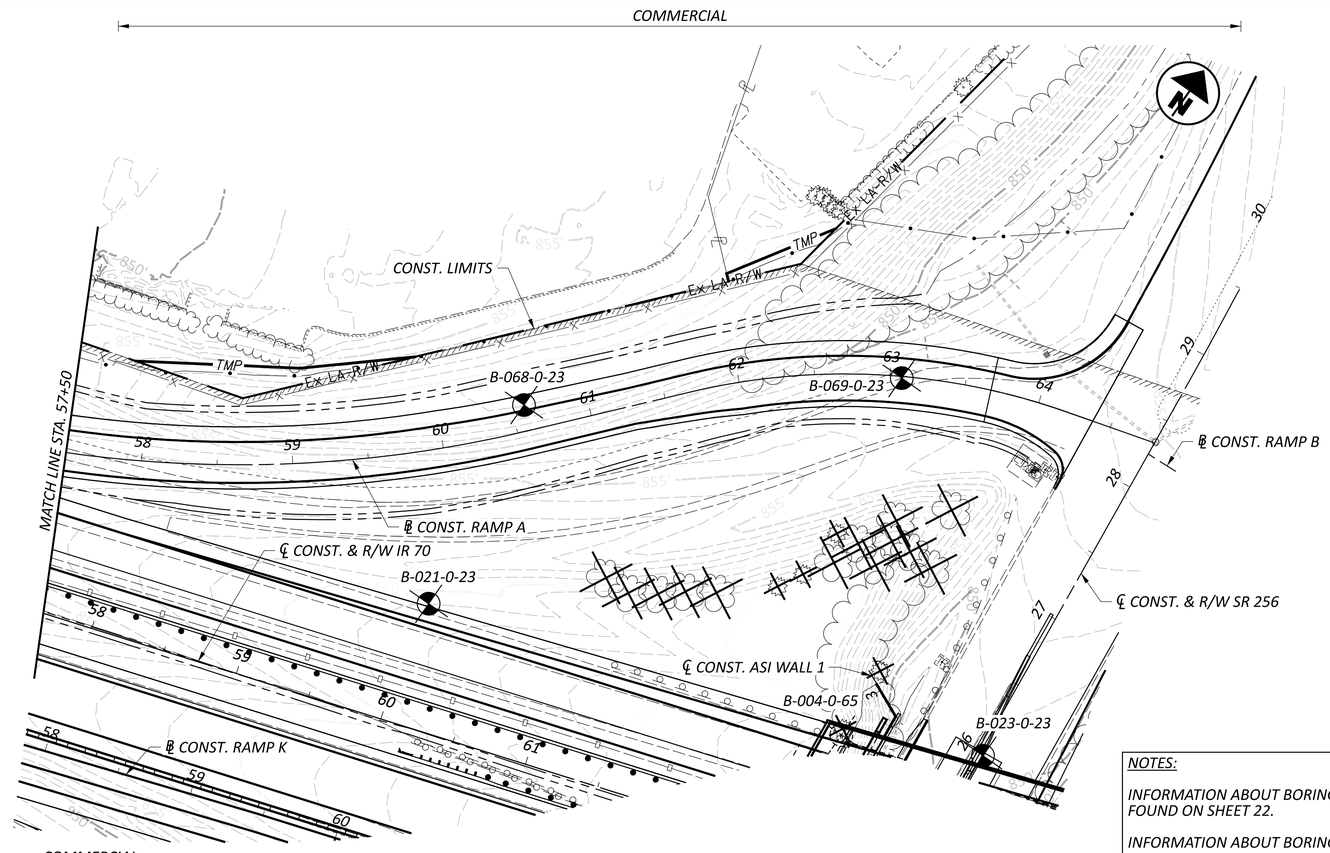
GEOTECHNICAL PROFILE - ROADWAY
RAMP A - BEGIN TO STA. 57+50

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP101 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:56:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanes@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_JP101.dgn

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

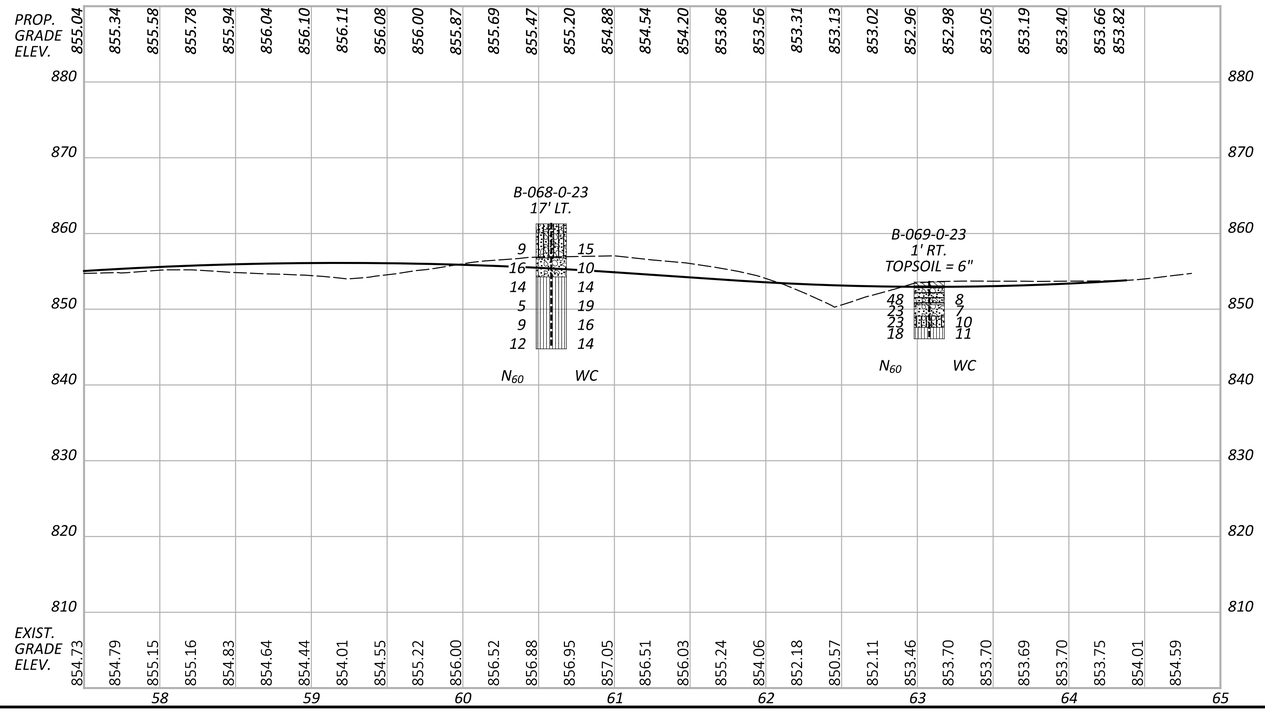
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 33 TOTAL 206
SHEET P.1851 TOTAL P.2024



NOTES:

INFORMATION ABOUT BORINGS B-004-0-65 AND B-023-0-23 CAN BE FOUND ON SHEET 22.

INFORMATION ABOUT BORING B-021-0-23 CAN BE FOUND ON SHEET 20.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP A - STA. 57+50 TO END

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET 34 | TOTAL 206
SHEET P.1852 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP102 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:57:09 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_JP102.dgn

MODEL: 96808_IP201 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:57:28 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d04-Engineering_ NEAS\Geotechnical\Sheets\96808_IP201.dgn

FAI/LIC-70-0.00-0.00

COMMERCIAL

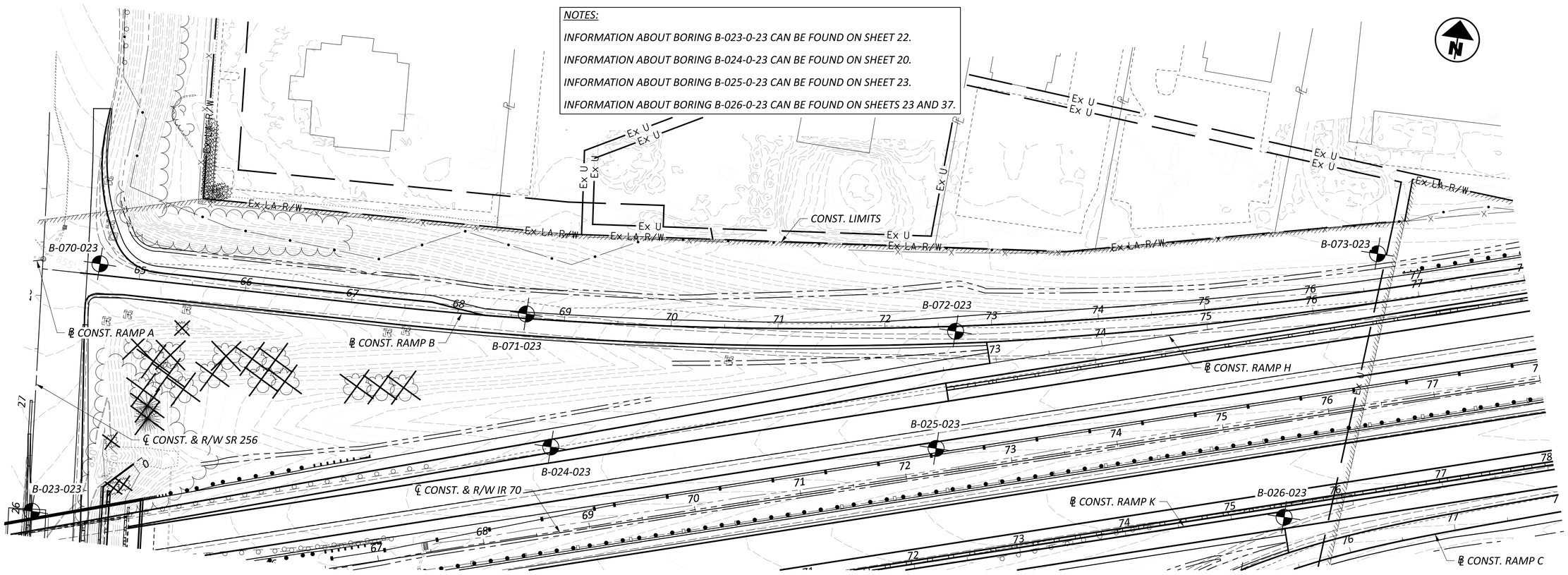
NOTES:

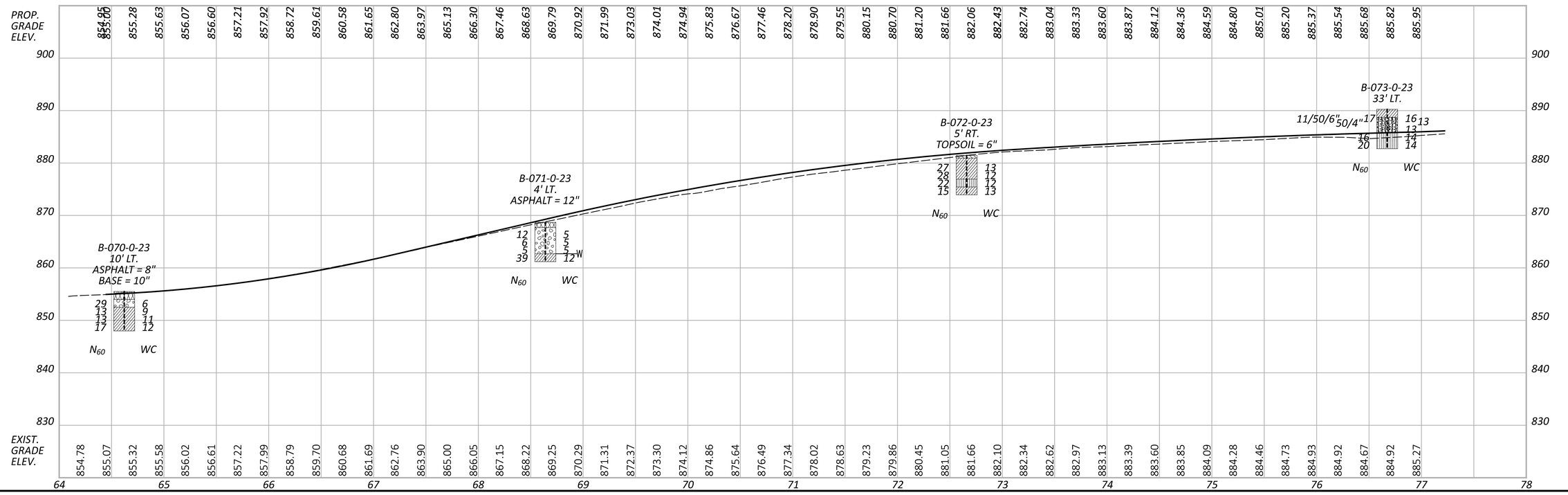
INFORMATION ABOUT BORING B-023-0-23 CAN BE FOUND ON SHEET 22.

INFORMATION ABOUT BORING B-024-0-23 CAN BE FOUND ON SHEET 20.

INFORMATION ABOUT BORING B-025-0-23 CAN BE FOUND ON SHEET 23.

INFORMATION ABOUT BORING B-026-0-23 CAN BE FOUND ON SHEETS 23 AND 37.





HORIZONTAL SCALE IN FEET
0 25 50 100

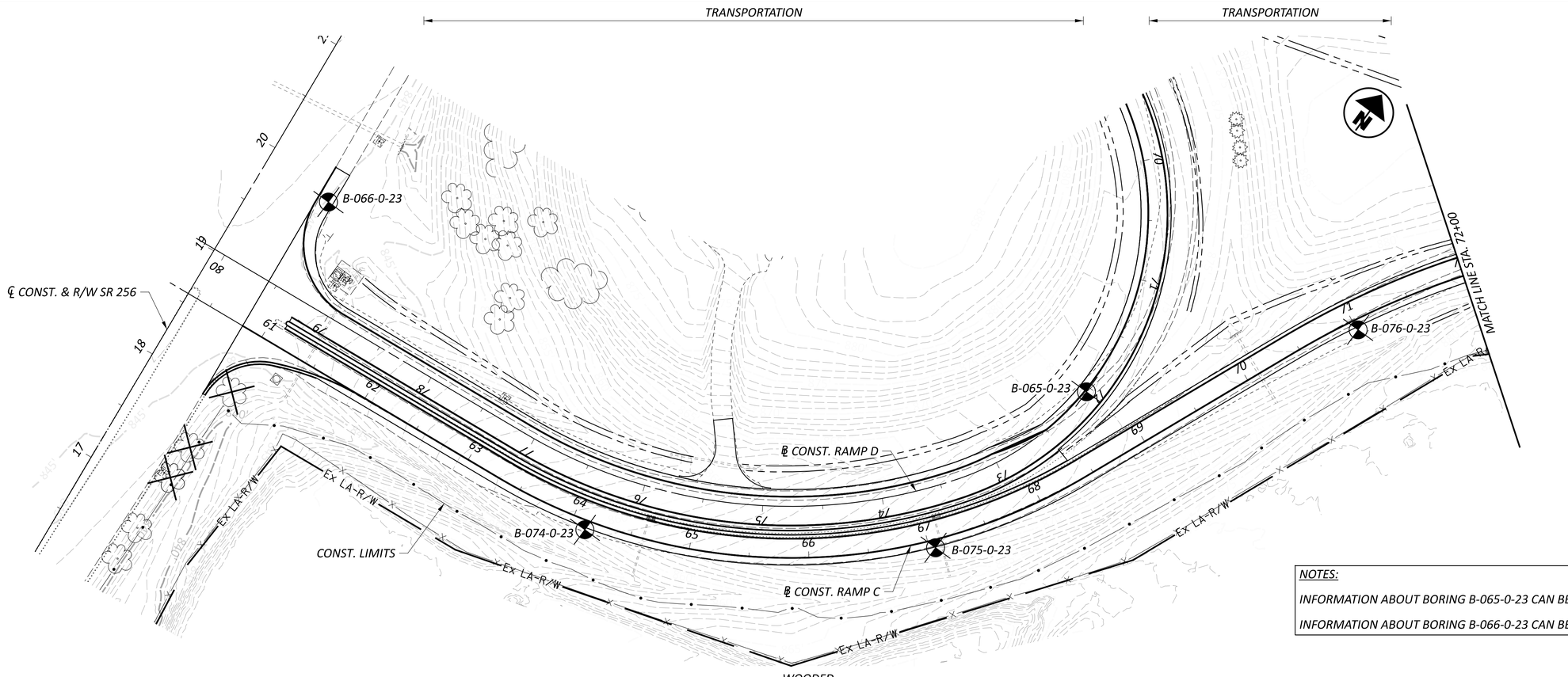
GEOTECHNICAL PROFILE - ROADWAY
RAMP B - BEGIN TO END

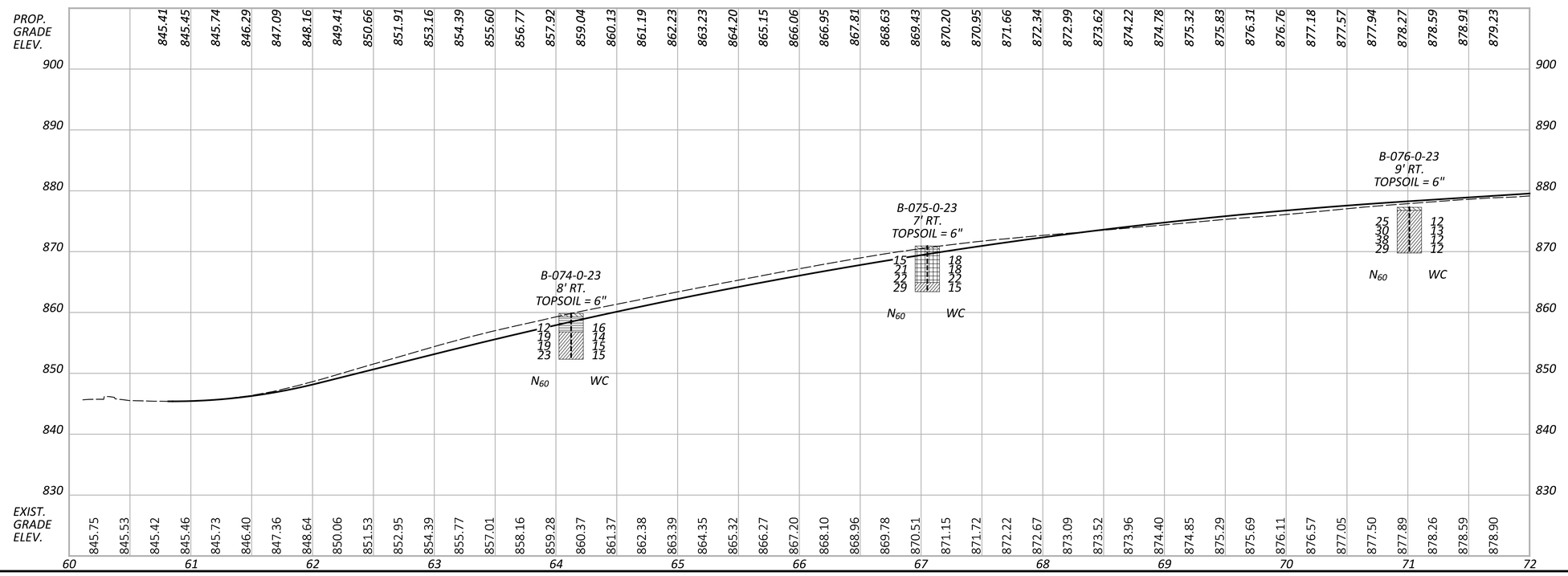
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	35
TOTAL	206
SHEET	P.1853
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP301 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:57:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP301.dgn





NOTES:

INFORMATION ABOUT BORING B-065-0-23 CAN BE FOUND ON SHEET 39.

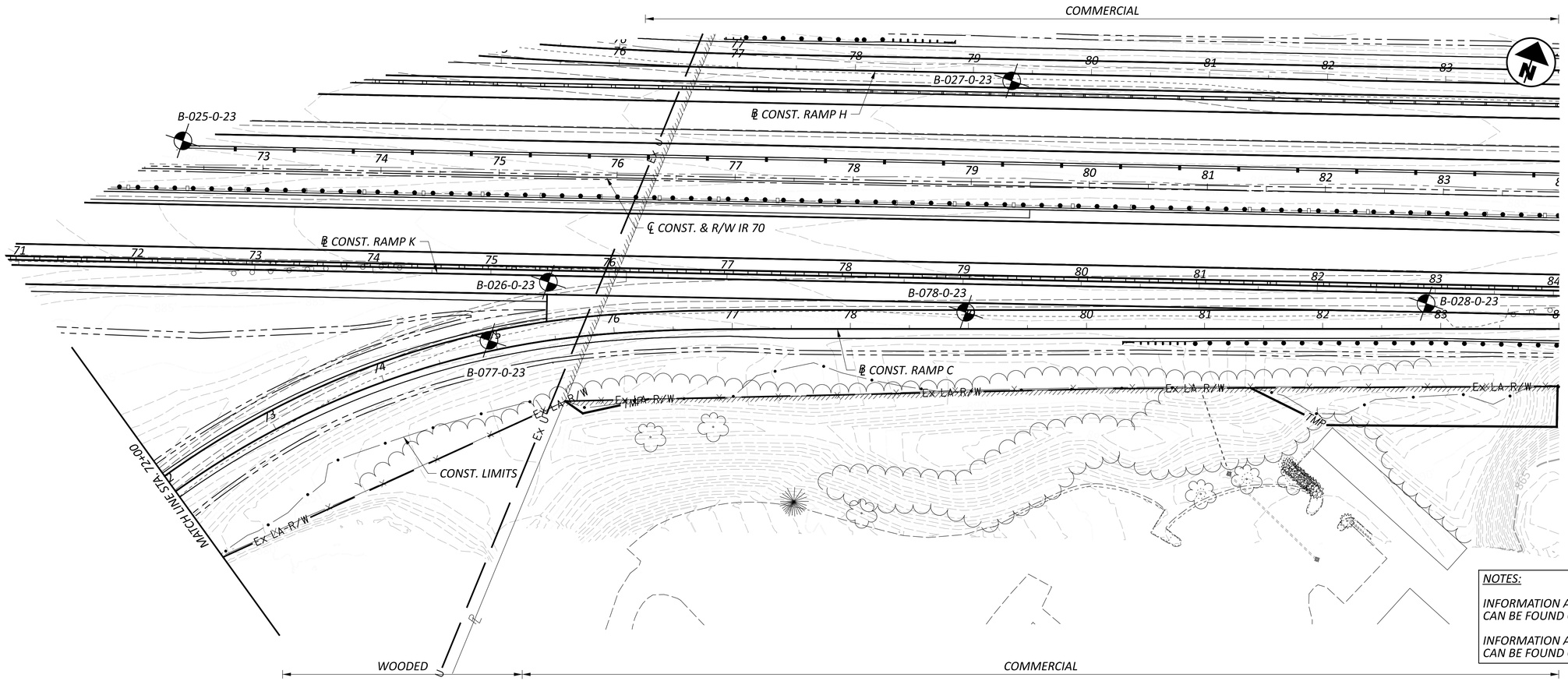
INFORMATION ABOUT BORING B-066-0-23 CAN BE FOUND IOON SHEETS 39 AND 57.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP C - BEGIN TO STA. 72+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

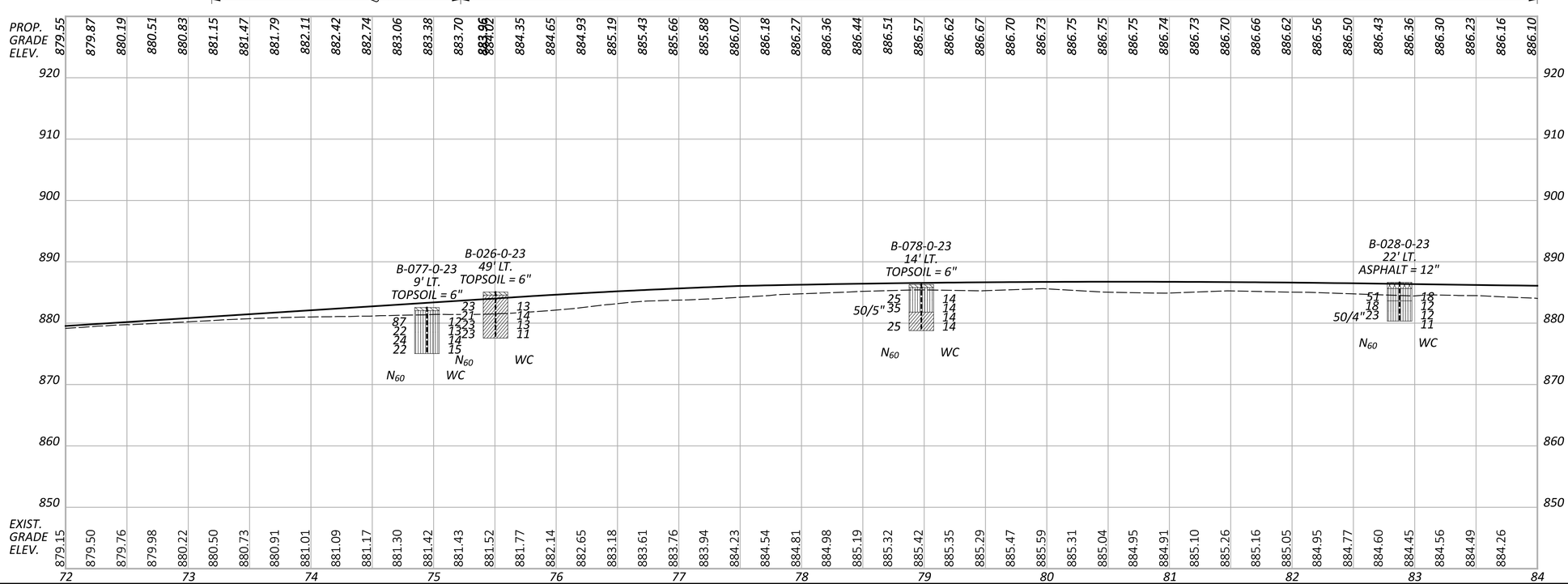
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET / TOTAL	36 / 206
SHEET / TOTAL	P.1854 / P.2024



NOTES:

INFORMATION ABOUT BORING B-025-0-23 CAN BE FOUND ON SHEET 23.

INFORMATION ABOUT BORING B-027-0-23 CAN BE FOUND ON SHEETS 23 AND 45.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP C - STA. 72+00 TO END

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	37
TOTAL	206
SHEET	P.1855
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

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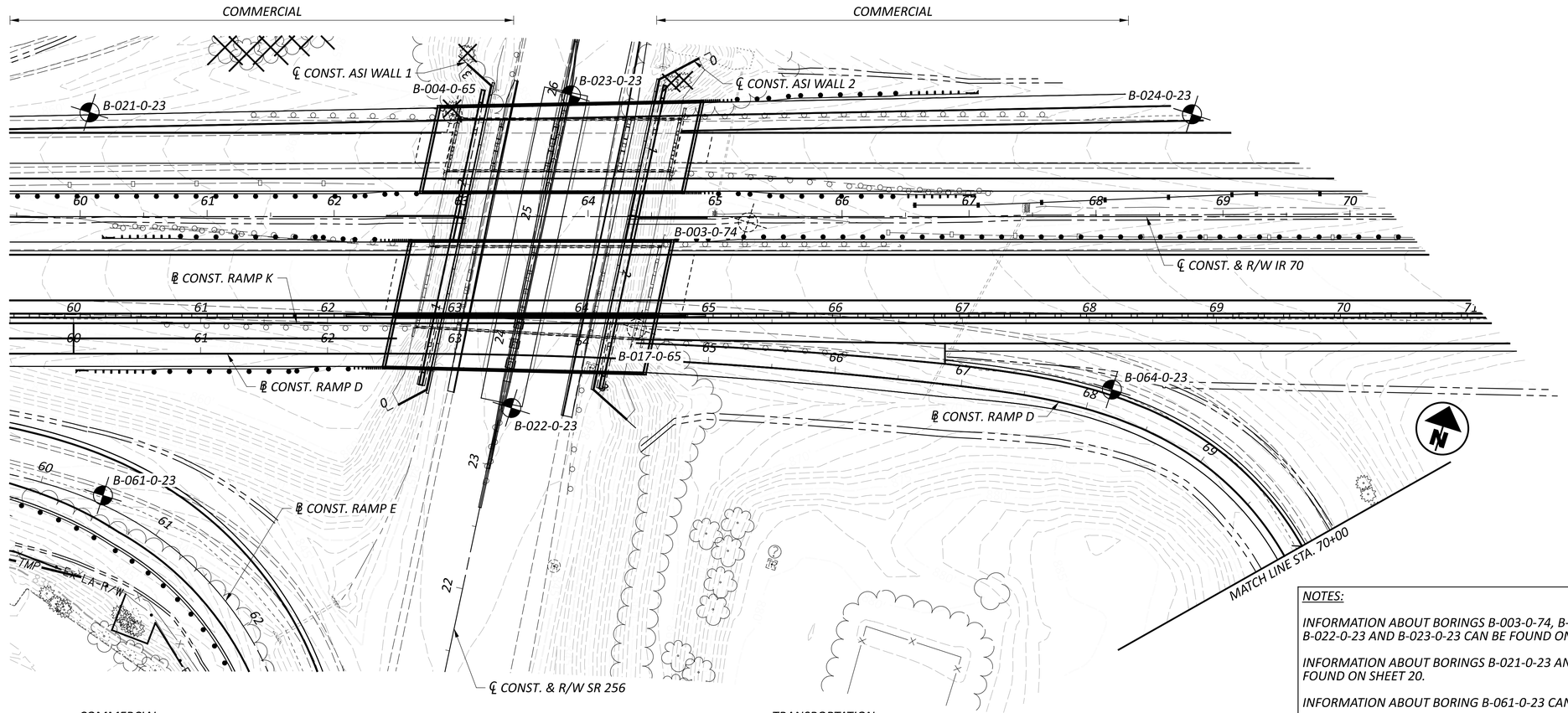
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP302.dgn



NOTES:

INFORMATION ABOUT BORINGS B-003-0-74, B-004-0-65, B-017-0-65, B-022-0-23 AND B-023-0-23 CAN BE FOUND ON SHEET 22.

INFORMATION ABOUT BORINGS B-021-0-23 AND B-024-0-23 CAN BE FOUND ON SHEET 20.

INFORMATION ABOUT BORING B-061-0-23 CAN BE FOUND ON SHEET 42.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP D - BEGIN TO STA. 70+00

FAI/LIC-70-0.00-0.00

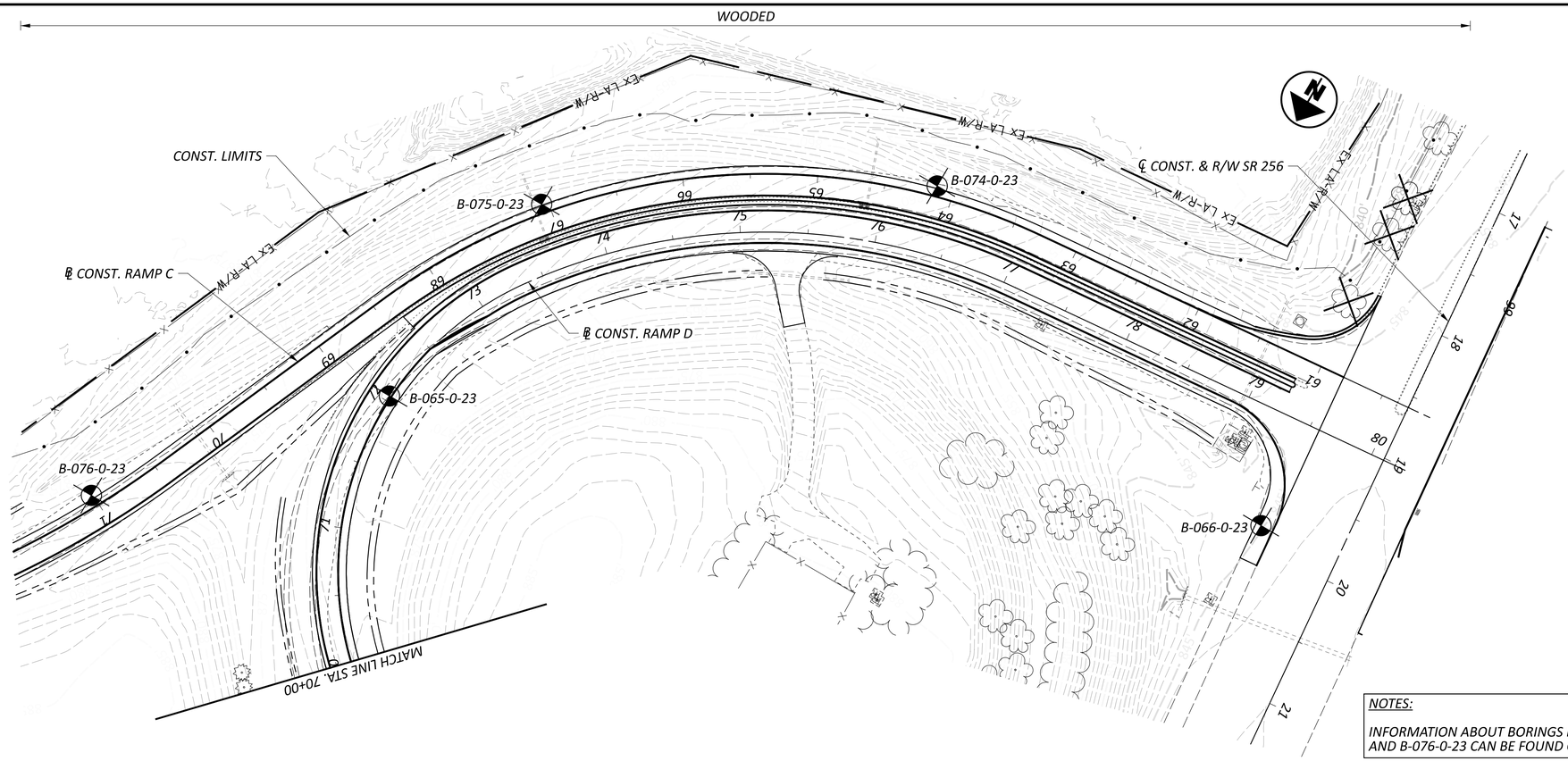
MODEL: 96808_IP401 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:58:28 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d04-Engineering_NEAS\Geotechnical\Sheets\96808_IP401.dgn

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	38
TOTAL	206
SHEET	P.1856
TOTAL	P.2024

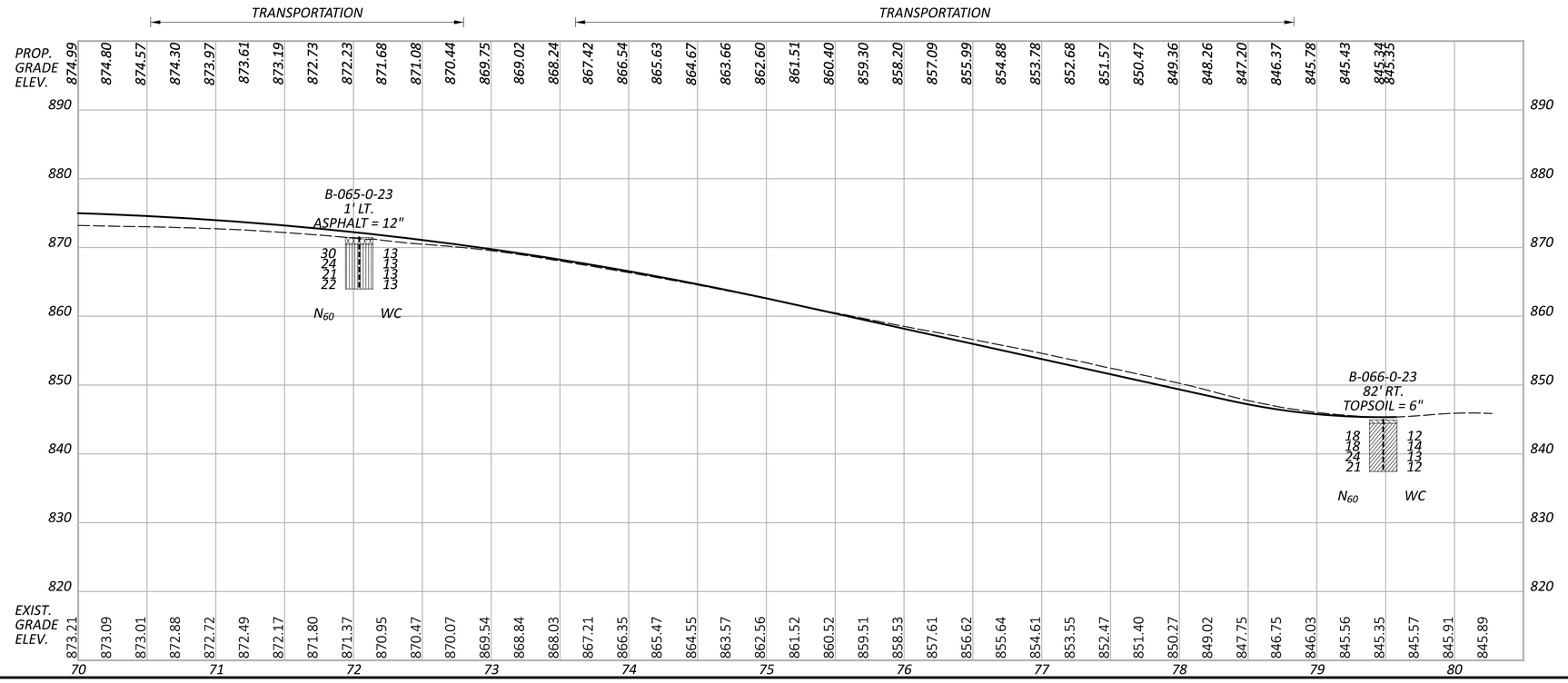
MODEL: 96808_IP402 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:58:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\e04-Engineering_ NEAS\Geotechnical\Sheets\96808_IP402.dgn

FAI/LIC-70-0.00-0.00



NOTES:

INFORMATION ABOUT BORINGS B-074-0-23, B-075-0-23 AND B-076-0-23 CAN BE FOUND ON SHEET 36.

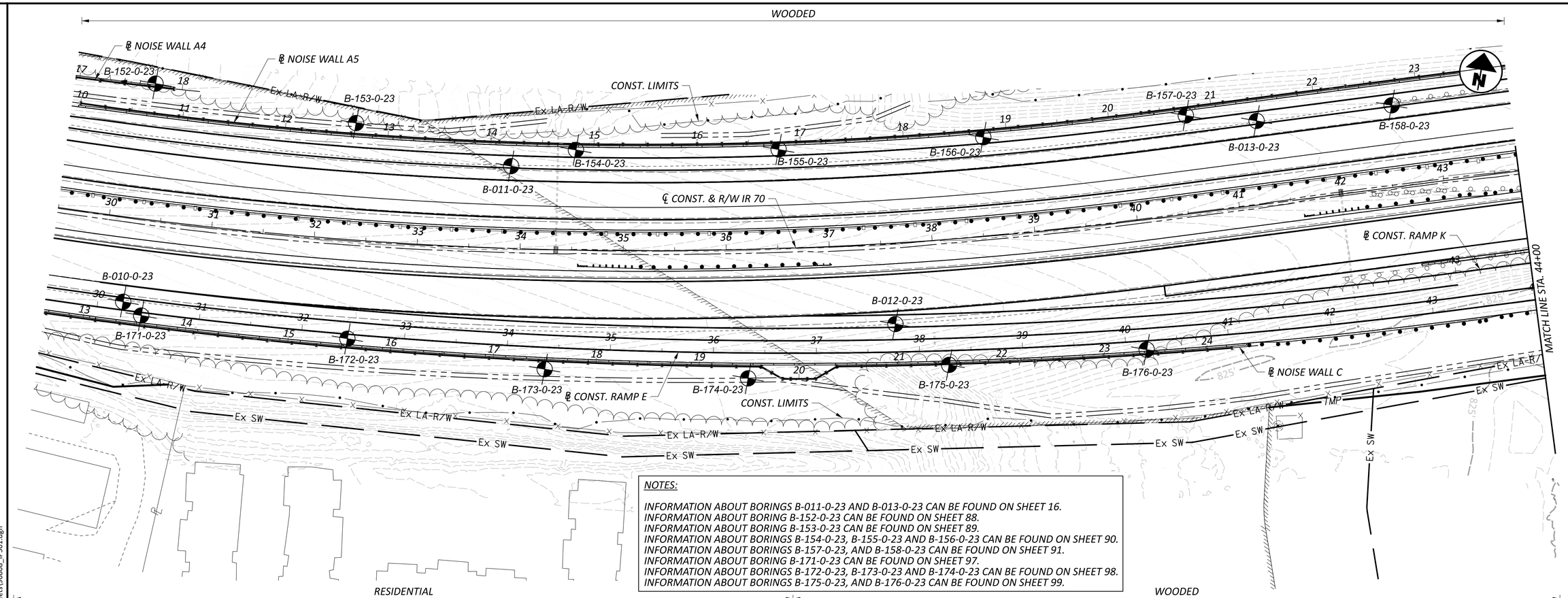


HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP D - STA. 70+00 TO END

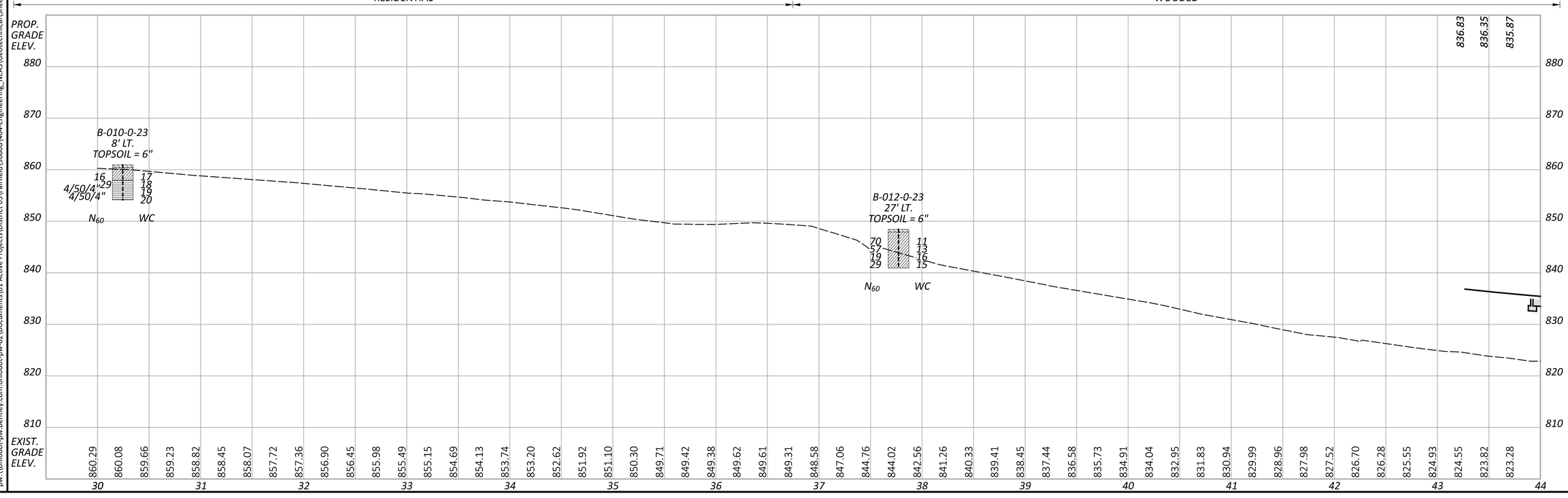
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	39
TOTAL	206
SHEET	P.1857
TOTAL	P.2024



NOTES:

INFORMATION ABOUT BORINGS B-011-0-23 AND B-013-0-23 CAN BE FOUND ON SHEET 16.
INFORMATION ABOUT BORING B-152-0-23 CAN BE FOUND ON SHEET 88.
INFORMATION ABOUT BORING B-153-0-23 CAN BE FOUND ON SHEET 89.
INFORMATION ABOUT BORINGS B-154-0-23, B-155-0-23 AND B-156-0-23 CAN BE FOUND ON SHEET 90.
INFORMATION ABOUT BORINGS B-157-0-23, AND B-158-0-23 CAN BE FOUND ON SHEET 91.
INFORMATION ABOUT BORING B-171-0-23 CAN BE FOUND ON SHEET 97.
INFORMATION ABOUT BORINGS B-172-0-23, B-173-0-23 AND B-174-0-23 CAN BE FOUND ON SHEET 98.
INFORMATION ABOUT BORINGS B-175-0-23, AND B-176-0-23 CAN BE FOUND ON SHEET 99.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP E - BEGIN TO STA. 44+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 40 TOTAL: 206
SHEET: P.1858 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP501 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:59:05 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP501.dgn

MODEL: 96808_IP502 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:59:25 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP502.dgn

FAI/LIC-70-0.00-0.00

WOODED

℄ NOISE WALL A5

CONST. LIMITS

B-015-0-23

B-001-0-65

B-017-0-23

B-019-0-23

℄ CONST. RAMP A

℄ CONST. & R/W IR 70

℄ CONST. RAMP K

B-020-0-23

B-016-0-23

B-016-0-65

B-018-0-23

B-060-0-23

MATCH LINE STA. 44+00

MATCH LINE STA. 58+50

B-014-0-23

Ex LA-R/W

Ex SW

℄ EXIST. RAMP E

℄ CONST. RAMP E

CONST. LIMITS

Ex CH

TMP

℄ CONST. BLACKLICK TRAIL

PL

NOTES:

INFORMATION ABOUT BORINGS B-001-0-65, B-014-0-23, B-015-0-23, B-016-0-23, B-016-0-65 AND B-017-0-23 CAN BE FOUND ON SHEET 18.

INFORMATION ABOUT BORING B-019-0-23 CAN BE FOUND ON SHEETS 19 AND 33.

INFORMATION ABOUT BORING B-020-0-23 CAN BE FOUND ON SHEETS 19 AND 52.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP E - STA. 44+00 TO STA. 58+50

WOODED

COMMERCIAL

PROP. GRADE ELEV.

EXIST. GRADE ELEV.

B-018-0-23
47' LT.
TOPSOIL = 6"

B-060-0-23
58' LT.
TOPSOIL = 6"

N_{60} WC

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

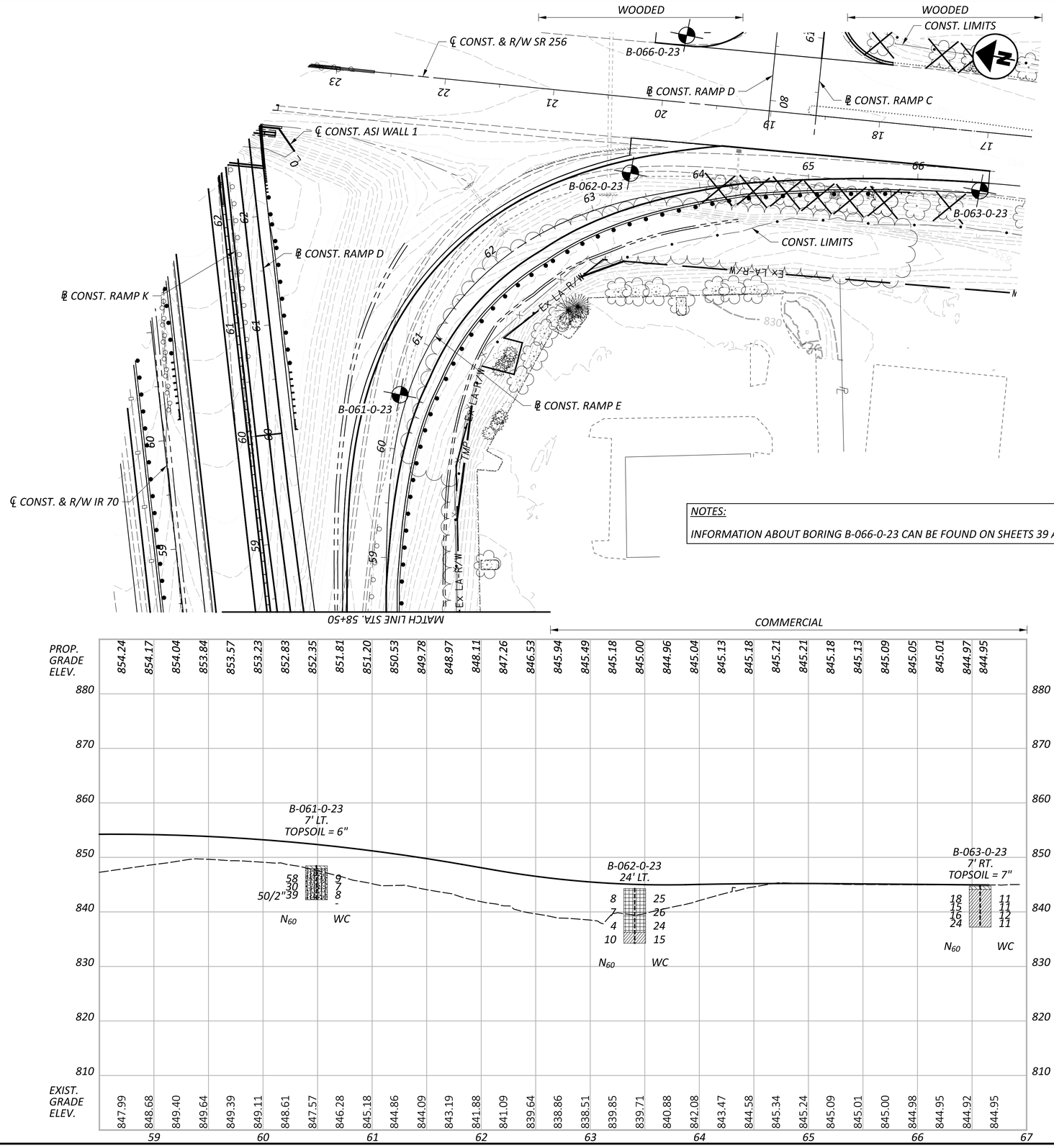
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 41 TOTAL 206

SHEET P.1859 TOTAL P.2024



NOTES:

INFORMATION ABOUT BORING B-066-0-23 CAN BE FOUND ON SHEETS 39 AND 57.

HORIZONTAL SCALE IN FEET
0 25 50 100

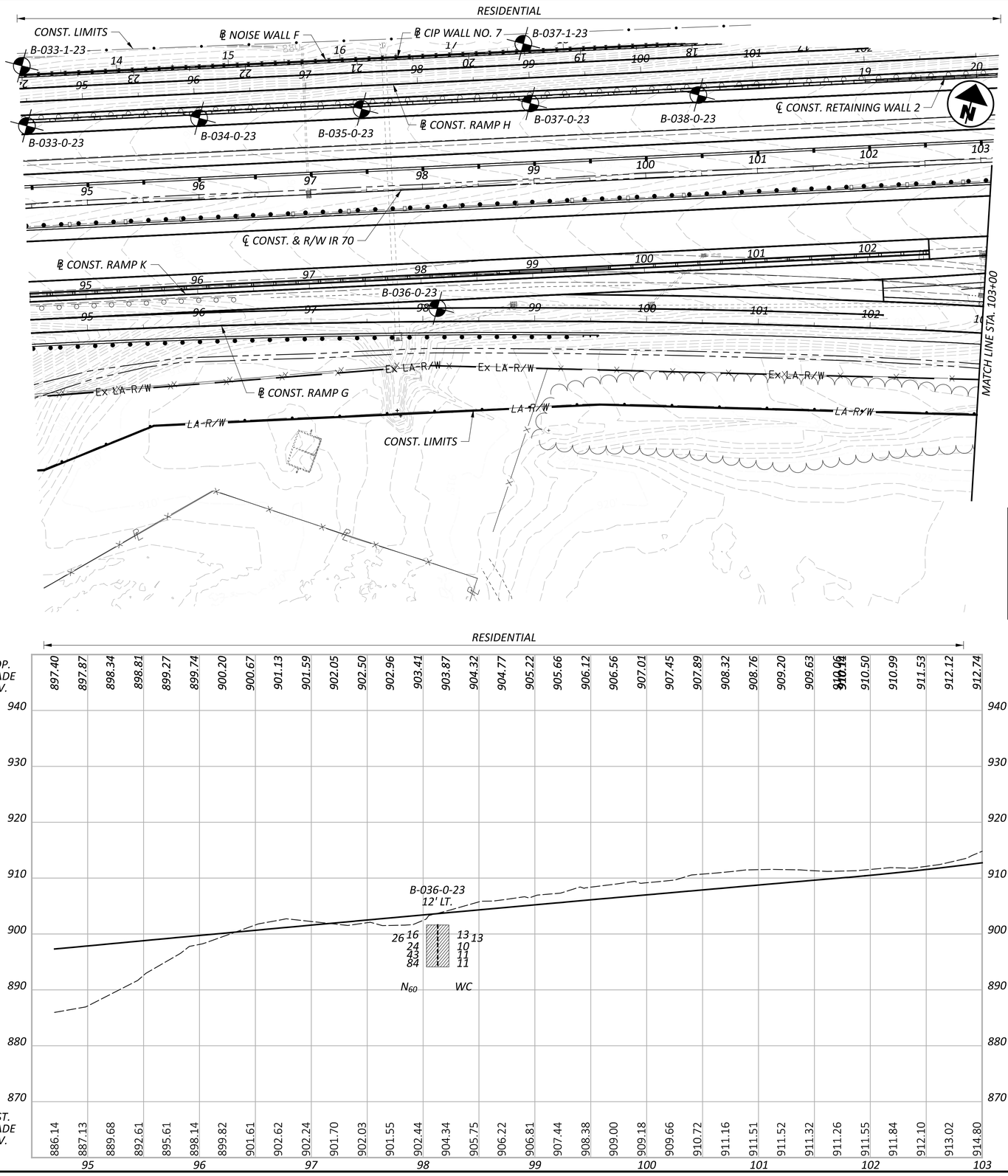
GEOTECHNICAL PROFILE - ROADWAY
RAMP E - STA. 58+50 TO END

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 42 TOTAL 206
SHEET P.1860 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP503 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 4:59:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_ NEAS\Geotechnical\Sheets\96808_IP503.dgn



NOTES:

INFORMATION ABOUT BORINGS B-033-0-23, B-034-0-23, B-037-0-23 AND B-038-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORINGS B-033-1-23 AND B-037-1-23 CAN BE FOUND ON SHEET 70.

INFORMATION ABOUT BORING B-035-0-23 CAN BE FOUND ON SHEETS 47 AND 70.

HORIZONTAL SCALE IN FEET
0 25 50 100

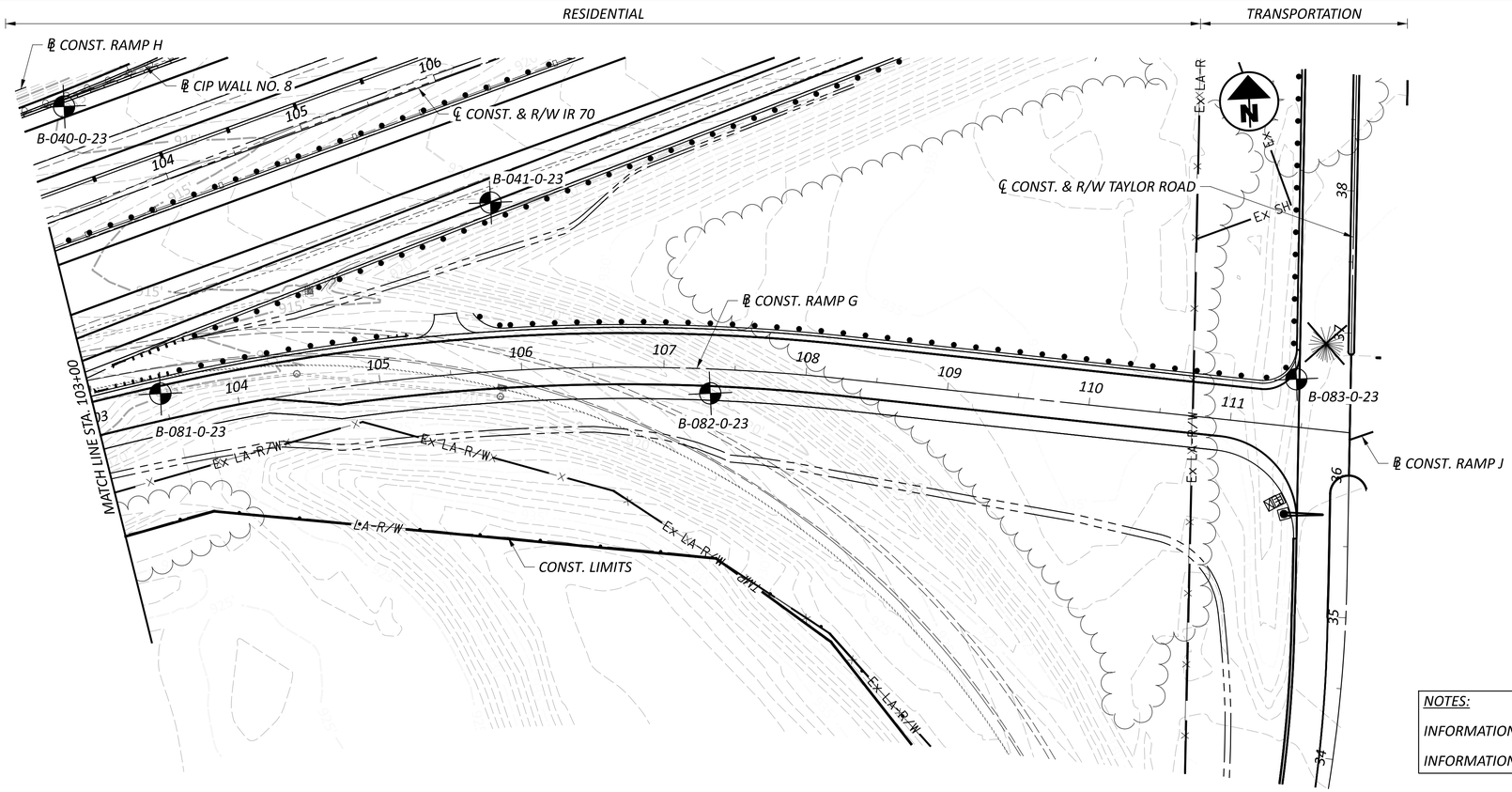
GEOTECHNICAL PROFILE - ROADWAY
RAMP G - BEGIN TO STA. 103+00

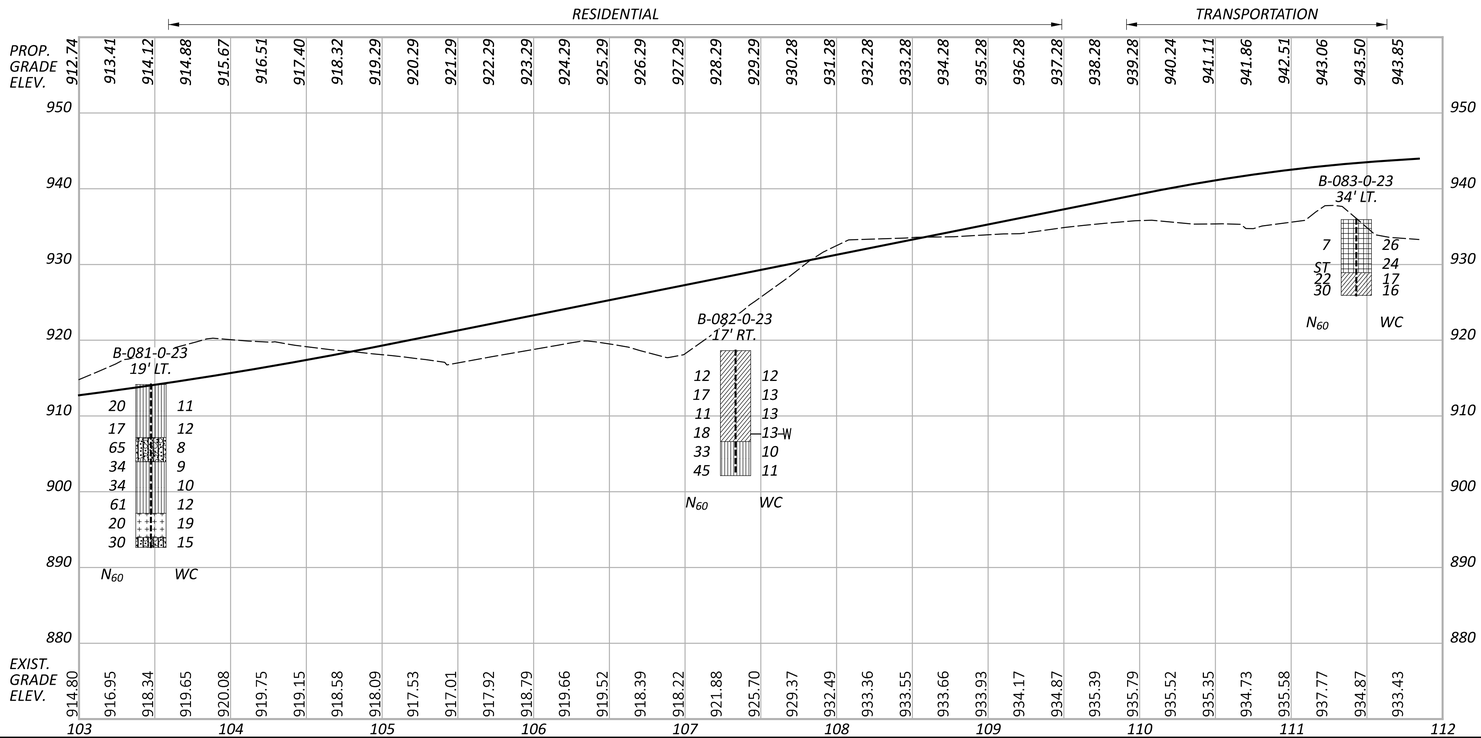
FAI/LIC-70-0.00-0.00

MODEL: 96808_IP601 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:00:07 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP601.dgn

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 43 | TOTAL 206
SHEET P.1861 | TOTAL P.2024





NOTES:

INFORMATION ABOUT BORING B-040-0-23 CAN BE FOUND ON SHEET 72.

INFORMATION ABOUT BORING B-041-0-23 CAN BE FOUND ON SHEET 25.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP G - STA. 103+00 TO END

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 44 | TOTAL 206

SHEET P.1862 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP602 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:00:23 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP602.dgn

COMMERCIAL

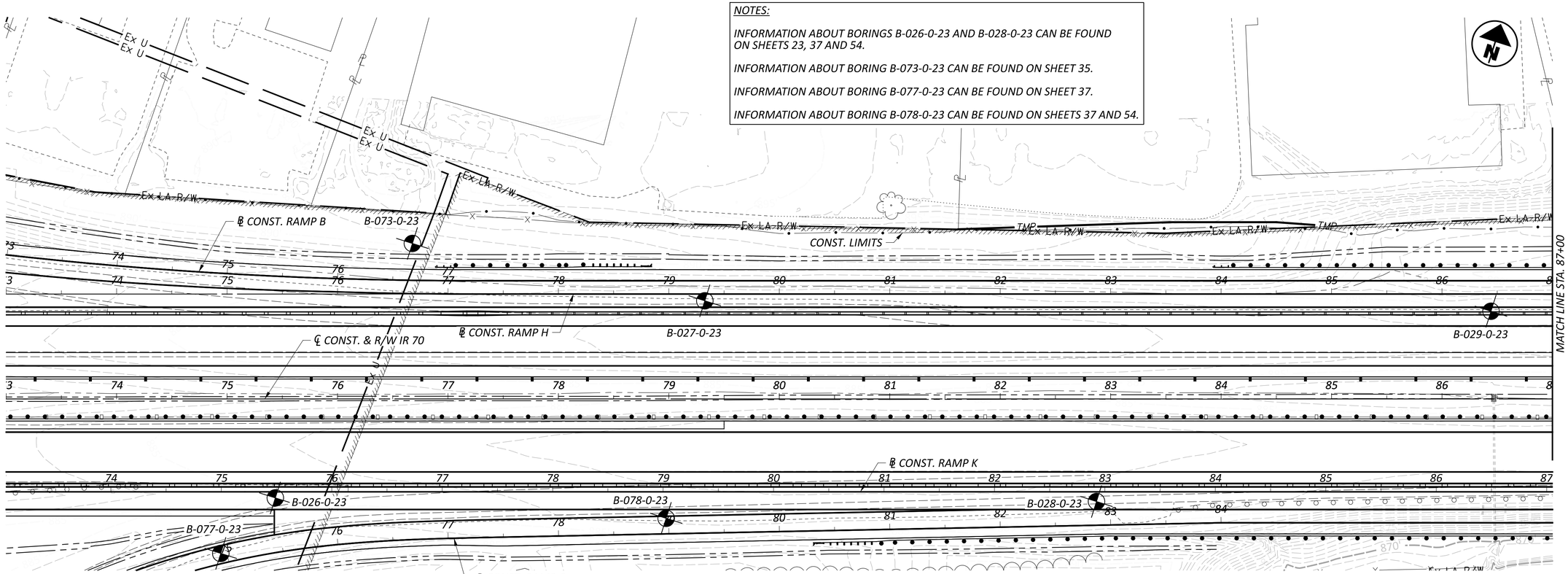
NOTES:

INFORMATION ABOUT BORINGS B-026-0-23 AND B-028-0-23 CAN BE FOUND ON SHEETS 23, 37 AND 54.

INFORMATION ABOUT BORING B-073-0-23 CAN BE FOUND ON SHEET 35.

INFORMATION ABOUT BORING B-077-0-23 CAN BE FOUND ON SHEET 37.

INFORMATION ABOUT BORING B-078-0-23 CAN BE FOUND ON SHEETS 37 AND 54.



WOODED | COMMERCIAL | WOODED

	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
PROP. GRADE ELEV.	883.41	883.66	883.91	884.14	884.37	884.59	884.80	885.00	885.19	885.37	885.54	885.71	885.86	886.01	886.14
	886.27	886.39	886.50	886.60	886.69	886.78	886.85	886.92	886.97	887.02	887.06	887.09	887.11	887.12	887.13
	887.12	887.12	887.10	887.08	887.05	887.01	886.96	886.90	886.83	886.75	886.66	886.57	886.47	886.37	886.27
	886.17	886.07	885.97	885.87	885.77	885.67	885.57	885.49	885.44	885.41	885.41	885.43	885.48		
EXIST. GRADE ELEV.	882.84	883.20	883.41	883.69	883.97	884.24	884.44	884.63	884.77	884.91	885.06	885.22	885.27	885.46	885.59
	885.73	885.86	885.96	886.02	886.05	886.12	886.20	886.19	886.25	886.35	886.35	886.30	886.28	886.30	886.31
	886.34	886.29	886.25	886.18	886.14	886.05	885.86	885.53	885.32	885.33	885.33	885.28	885.22	885.00	884.83
	884.77	884.72	884.61	884.49	884.40	884.37	883.77	882.76	882.42	883.04	882.96	882.81			

920 / 910 / 900 / 890 / 880 / 870 / 860 / 850

B-027-0-23
6' RT.
TOPSOIL = 6"

N_{60}	WC
13	16
13	19
17	12
28	22

B-029-0-23
16' RT.
TOPSOIL = 6"

N_{60}	WC
33	12
15	13
16	15
27	22

HORIZONTAL SCALE IN FEET
0 25 50 100

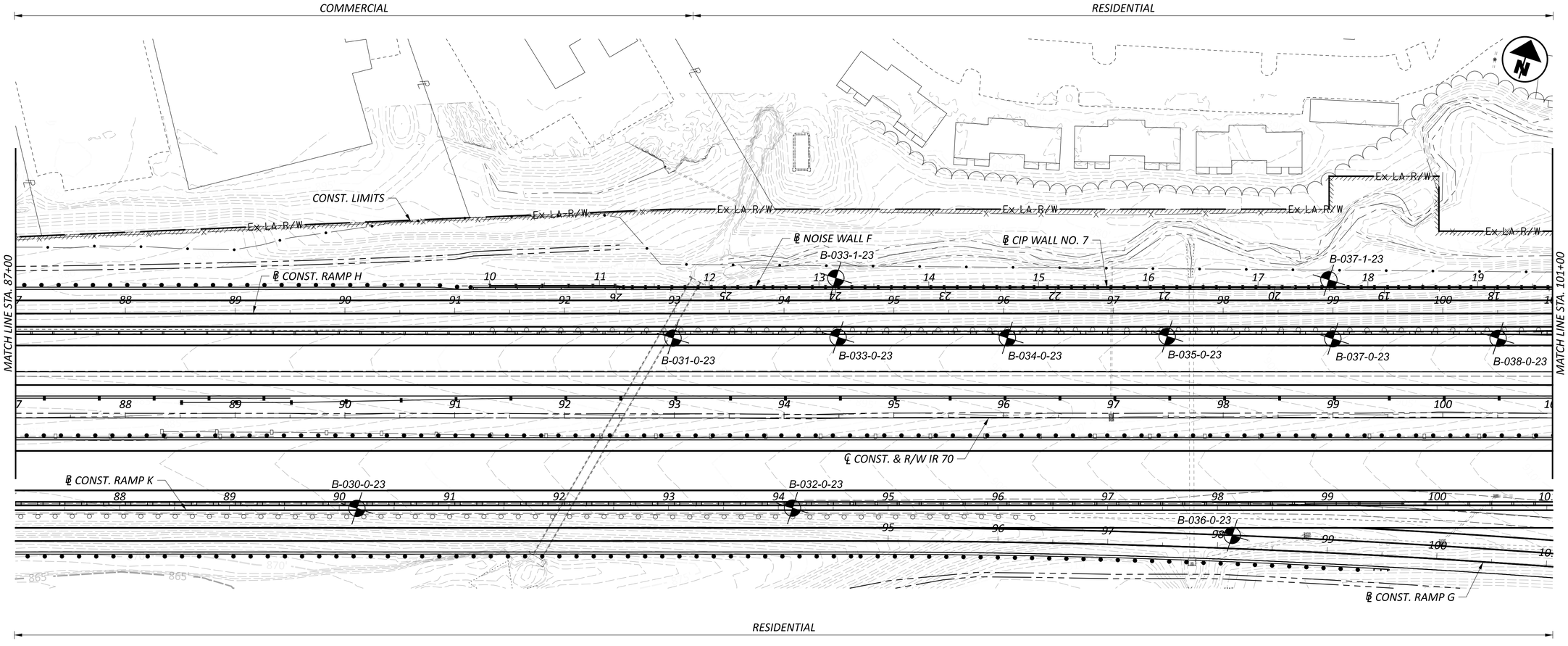
GEOTECHNICAL PROFILE - ROADWAY
RAMP H - BEGIN TO STA. 87+00

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP701 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:00:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP701.dgn

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	45
TOTAL	206
SHEET	P.1863
TOTAL	P.2024



NOTES:

INFORMATION ABOUT BORINGS B-030-0-23 AND B-032-0-23 CAN BE FOUND ON SHEETS 24 AND 55.

INFORMATION ABOUT BORINGS B-033-1-23 AND B-037-1-23 CAN BE FOUND ON SHEET 70.

INFORMATION ABOUT BORING B-036-0-23 CAN BE FOUND ON SHEETS 25 AND 43.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP H - STA. 87+00 TO STA. 101+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
46	206
SHEET	TOTAL
P.1864	P.2024

FAI/LIC-70-0.00-0.00

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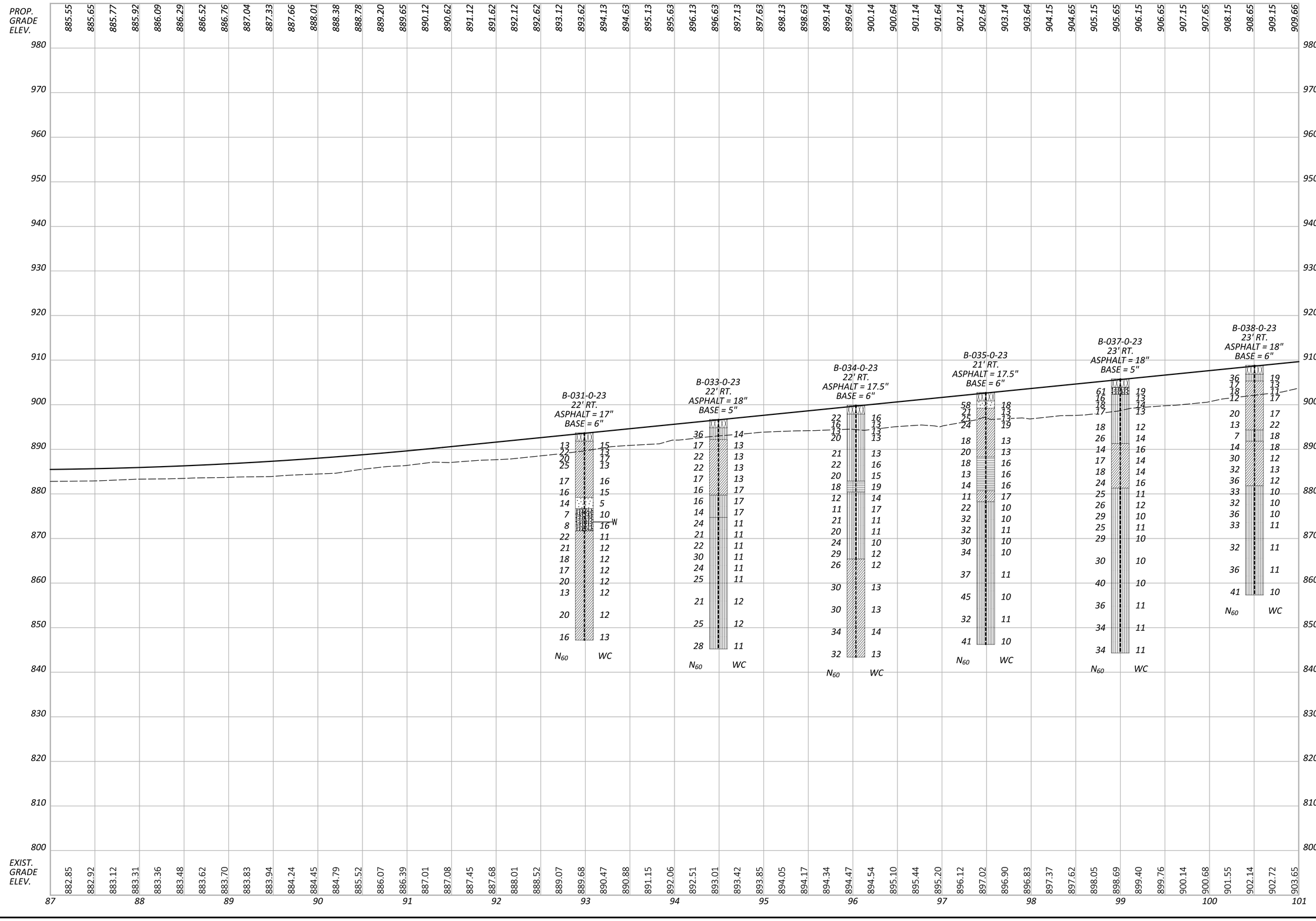

HORIZONTAL SCALE IN FEET
0 50 100
25

GEOTECHNICAL PROFILE - ROADWAY
RAMP H - STA. 87+00 TO STA. 101+00

FAI/LIC-70-0.00-0.00

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DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	47
TOTAL	206
SHEET	P.1865
TOTAL	P.2024

MODEL: 96808_JP702 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:02:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

RESIDENTIAL

WOODED

NOTES:

INFORMATION ABOUT BORINGS B-001-0-11 AND B-002-0-11 CAN BE FOUND ON SHEET 68.
INFORMATION ABOUT BORINGS B-039-0-23, B-086-0-23 AND B-088-0-23 CAN BE FOUND ON SHEET 70.
INFORMATION ABOUT BORINGS B-040-0-23 AND B-087-0-23 CAN BE FOUND ON SHEET 72.
INFORMATION ABOUT BORING B-041-0-23 CAN BE FOUND ON SHEET 25.
INFORMATION ABOUT BORING B-042-0-23 CAN BE FOUND ON SHEET 26.
INFORMATION ABOUT BORING B-081-0-23 CAN BE FOUND ON SHEET 44.
INFORMATION ABOUT BORING B-087-1-26 CAN BE FOUND ON SHEET 105.
INFORMATION ABOUT BORINGS B-100-0-23 AND B-101-0-23 CAN BE FOUND ON SHEET 64.

MATCH LINE STA. 101+00

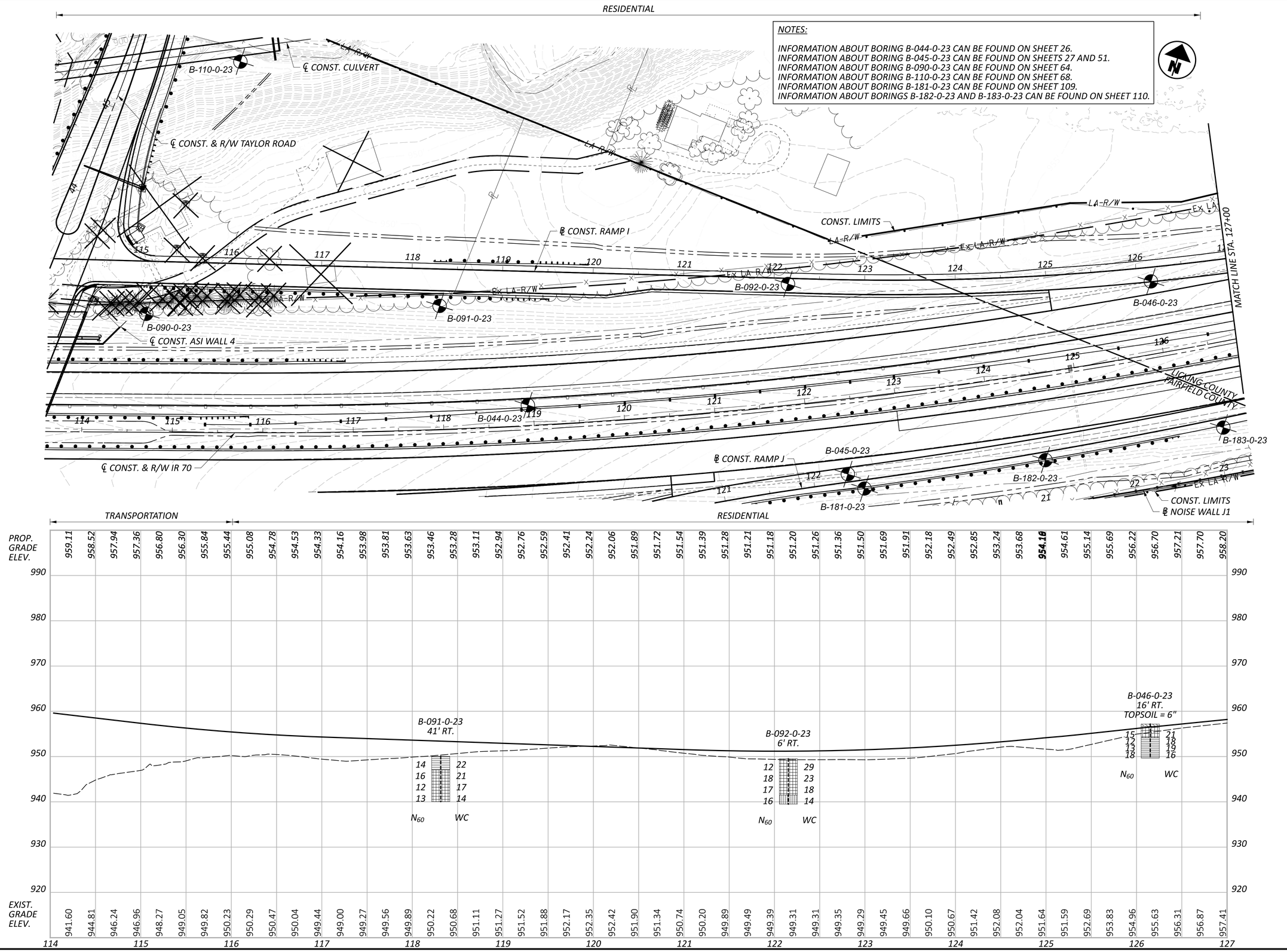
℄ NOISE WALL F
℄ CIP WALL NO. 7
℄ CIP WALL NO. 8
℄ CONST. RAMP H
℄ CONST. RAMP K
℄ CONST. RAMP G
℄ CONST. RAMP I
CONST. LIMITS
Ex. LA R/W
LA R/W
EX R/W
EX SH
℄ CONST. & R/W IR 70
℄ CONST. CULVERT
℄ CONST. ASI WALL 4
℄ CONST & R/W TAYLOR ROAD

B-039-0-23
B-086-0-23
B-087-1-26
B-088-0-23
B-089-0-23
B-040-0-23
B-087-0-23
B-042-0-23
B-041-0-23
B-081-0-23
B-001-0-11
B-002-0-11
B-101-0-23
B-100-0-23

RESIDENTIAL

TRANSPORTATION

| | | |



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP I - BEGIN TO STA. 127+00

DESIGN AGENCY
NEAS
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COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER
RS

REVIEWER
CH 08/21/26

PROJECT ID
96808

SUBSET 49 | TOTAL 206

SHEET P.1867 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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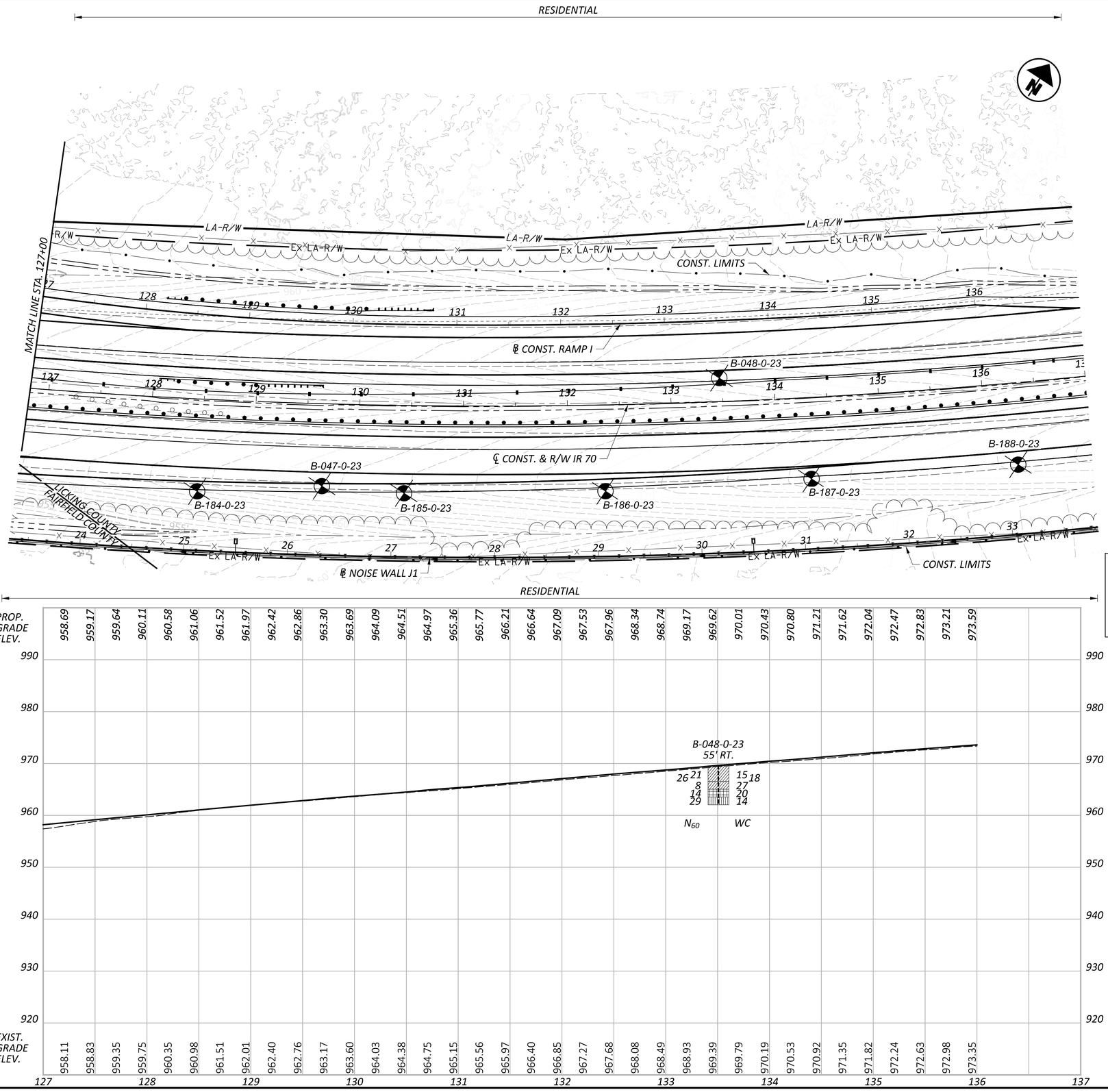

NOTES:

INFORMATION ABOUT BORING B-047-0-23 CAN BE FOUND ON SHEET 27.
INFORMATION ABOUT BORINGS B-184-0-23, B-185-0-23 AND B-186-0-23 CAN BE FOUND ON SHEET 111.
INFORMATION ABOUT BORINGS B-187-0-23 AND B-188-0-23 CAN BE FOUND ON SHEET 112.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP I - STA. 127+00 TO END

FAI/LIC-70-0.00-0.00

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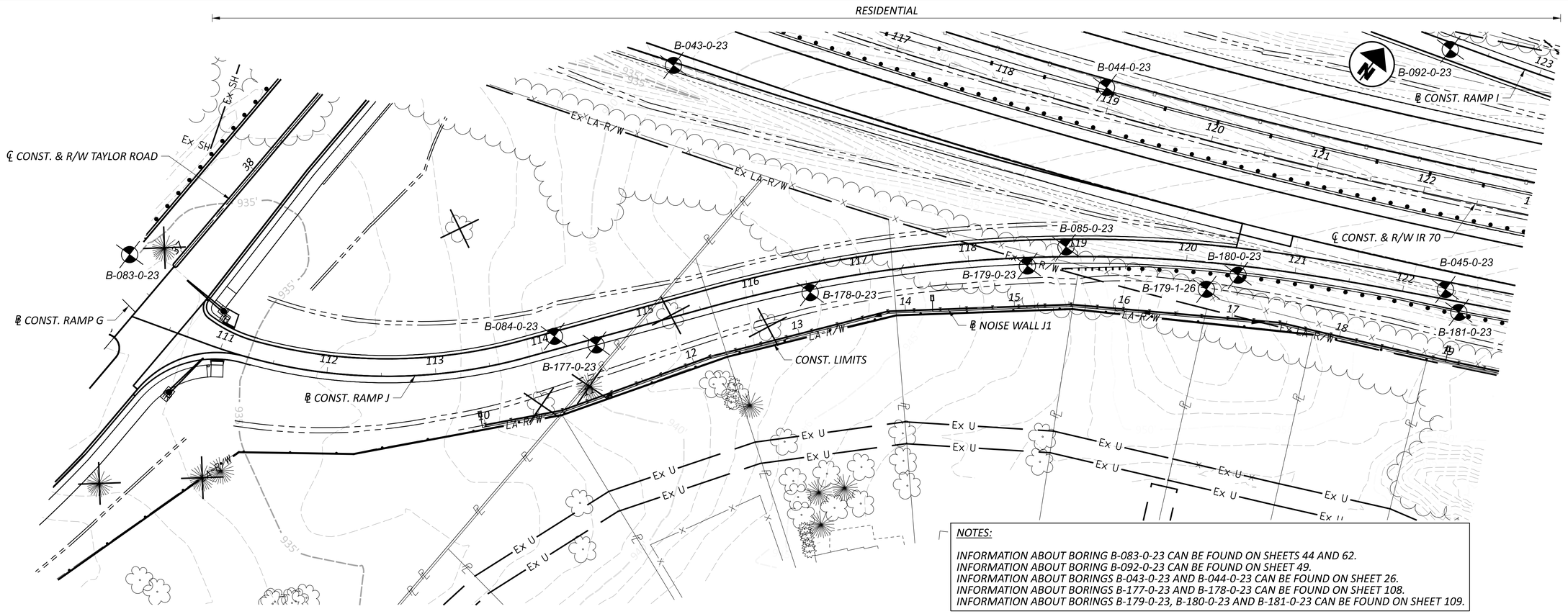
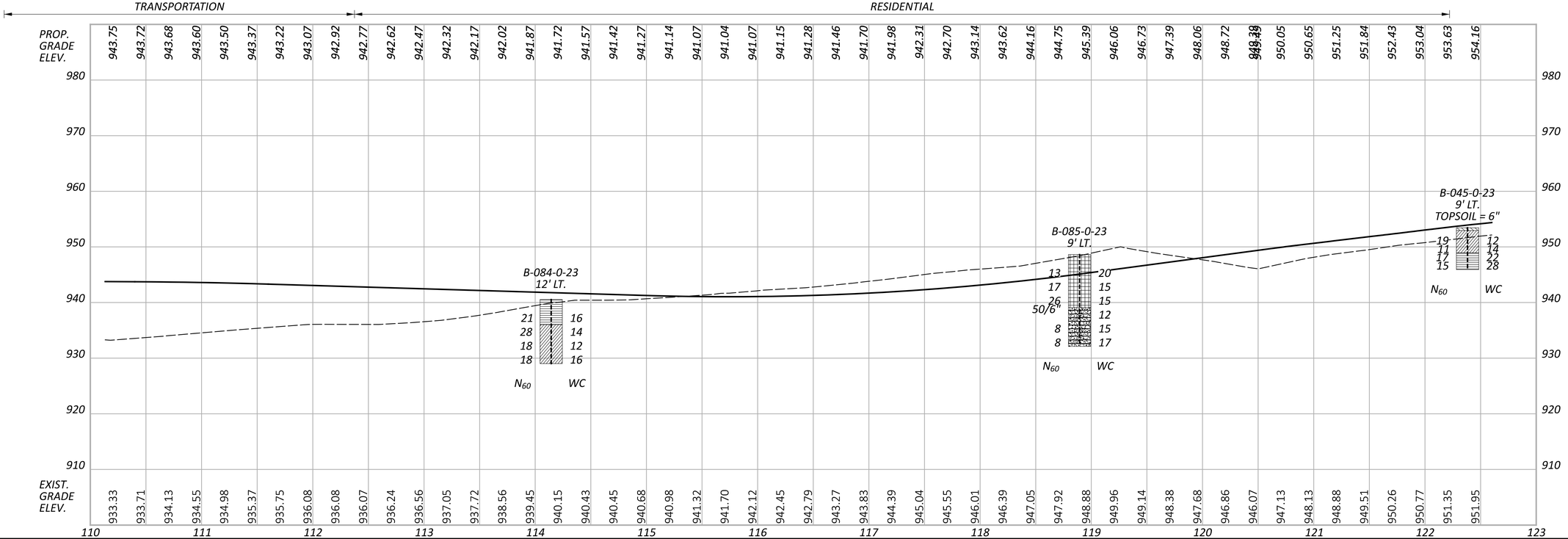
DESIGN AGENCY
NEAS National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 50 TOTAL 206
SHEET P.1868 TOTAL P.2024



NOTES:

INFORMATION ABOUT BORING B-083-0-23 CAN BE FOUND ON SHEETS 44 AND 62.
INFORMATION ABOUT BORING B-092-0-23 CAN BE FOUND ON SHEET 49.
INFORMATION ABOUT BORINGS B-043-0-23 AND B-044-0-23 CAN BE FOUND ON SHEET 26.
INFORMATION ABOUT BORINGS B-177-0-23 AND B-178-0-23 CAN BE FOUND ON SHEET 108.
INFORMATION ABOUT BORINGS B-179-0-23, B-180-0-23 AND B-181-0-23 CAN BE FOUND ON SHEET 109.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP J - BEGIN TO END

DESIGN AGENCY
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2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	51
TOTAL	206
SHEET	P.1869
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

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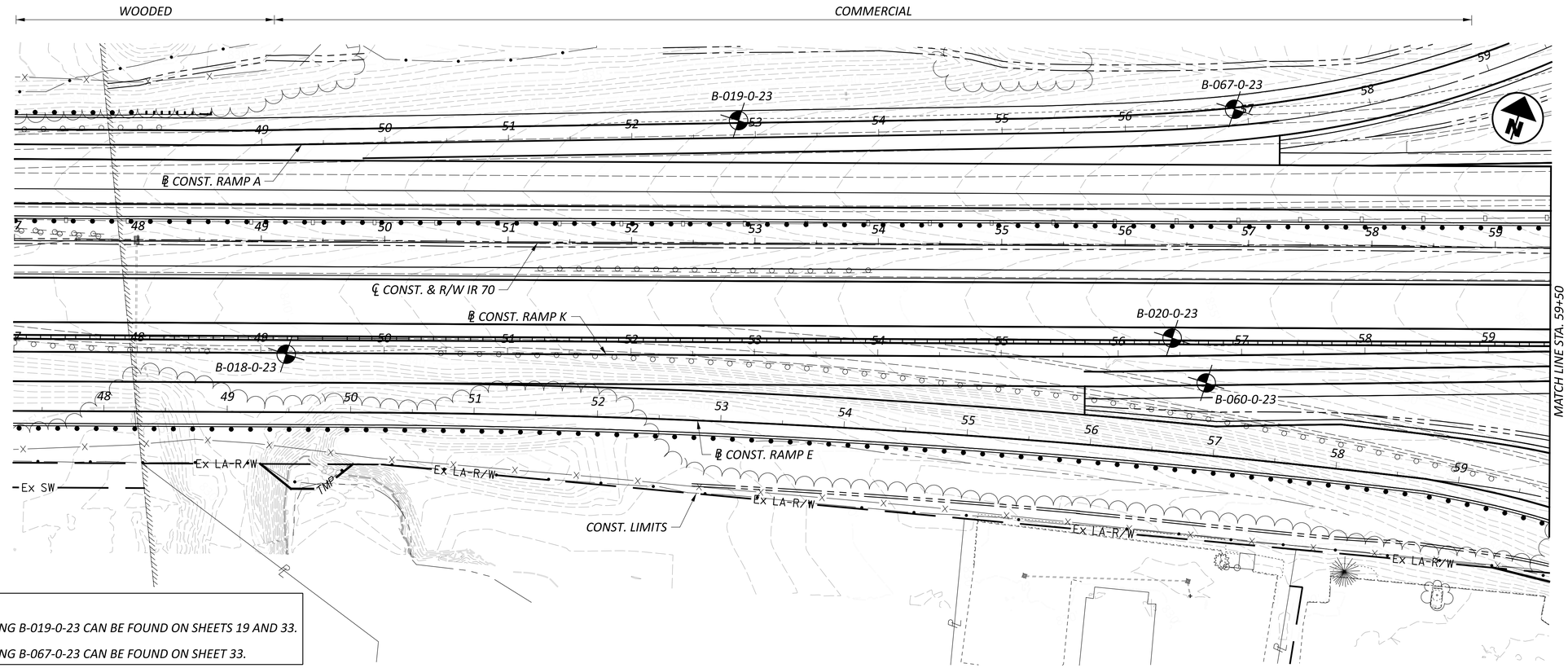

NOTES:

INFORMATION ABOUT BORING B-019-0-23 CAN BE FOUND ON SHEETS 19 AND 33.

INFORMATION ABOUT BORING B-067-0-23 CAN BE FOUND ON SHEET 33.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP K - BEGIN TO STA. 59+50

FAI/LIC-70-0.00-0.00

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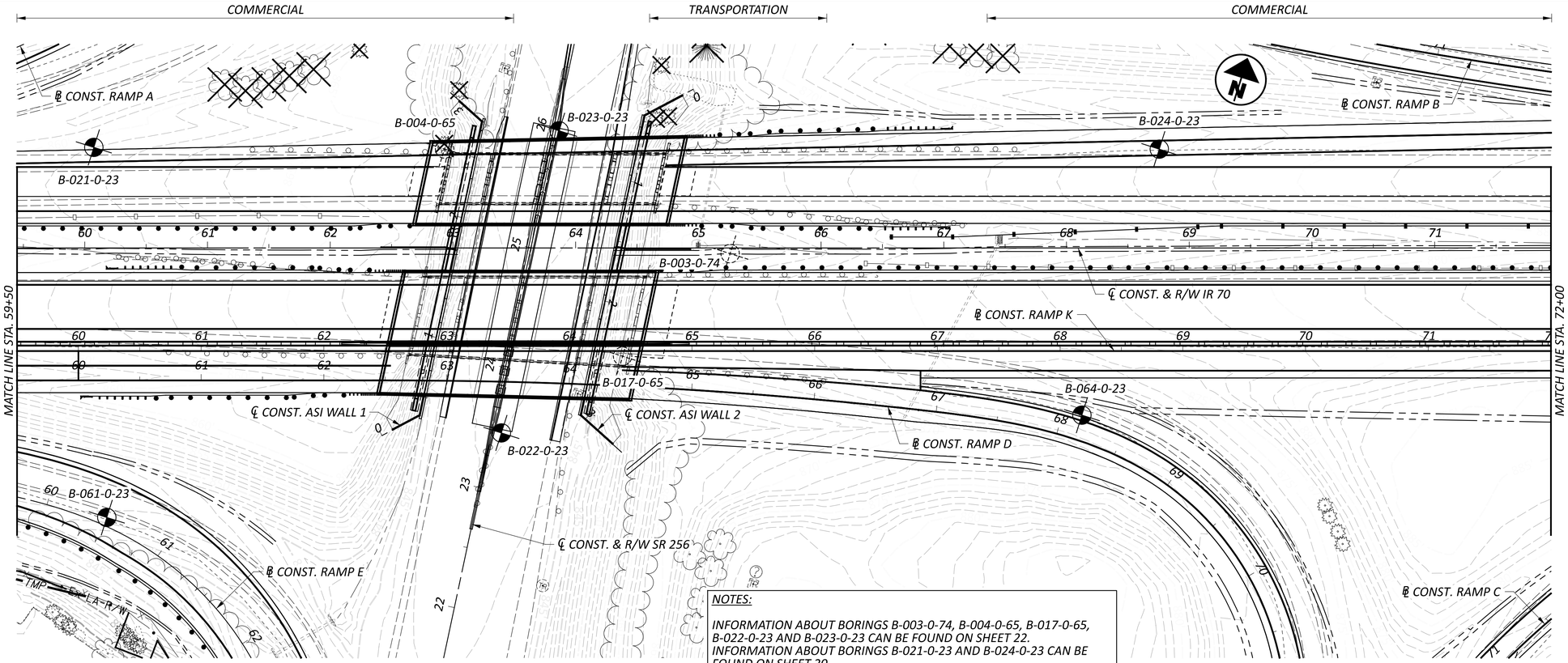
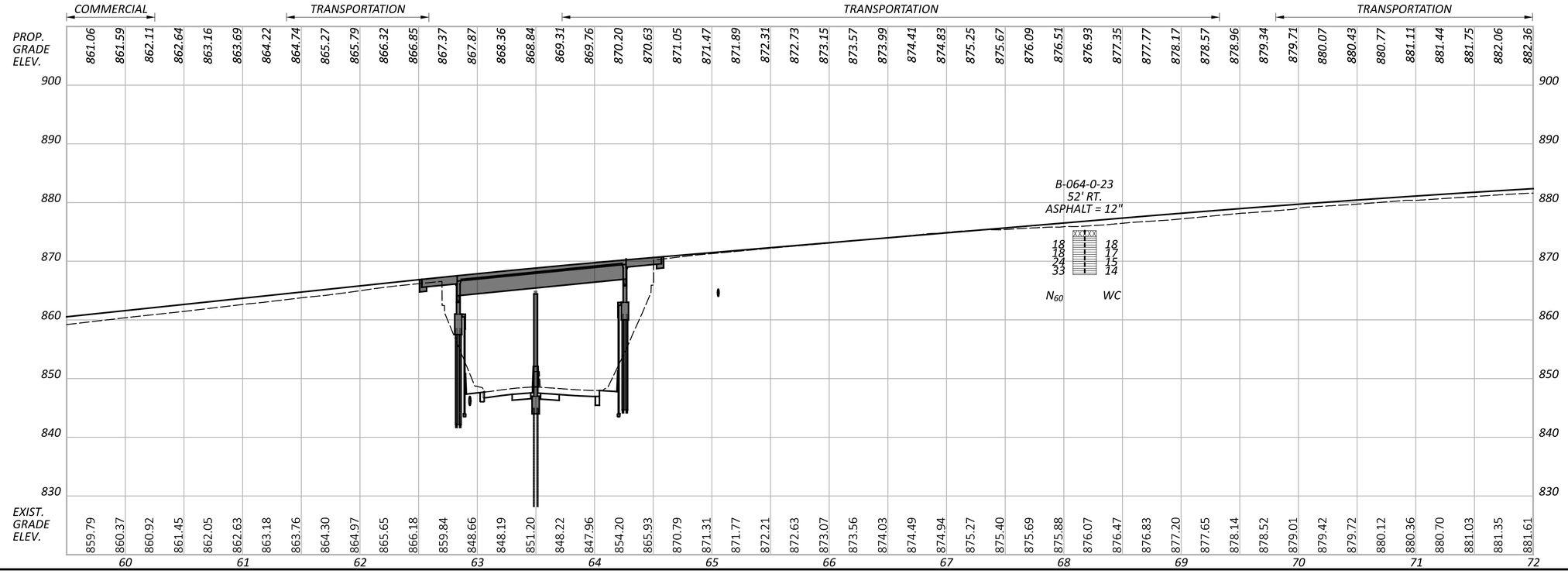
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
52	206
SHEET	TOTAL
P.1870	P.2024





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP K - STA. 59+50 TO STA. 72+00

FAI/LIC-70-0.00-0.00

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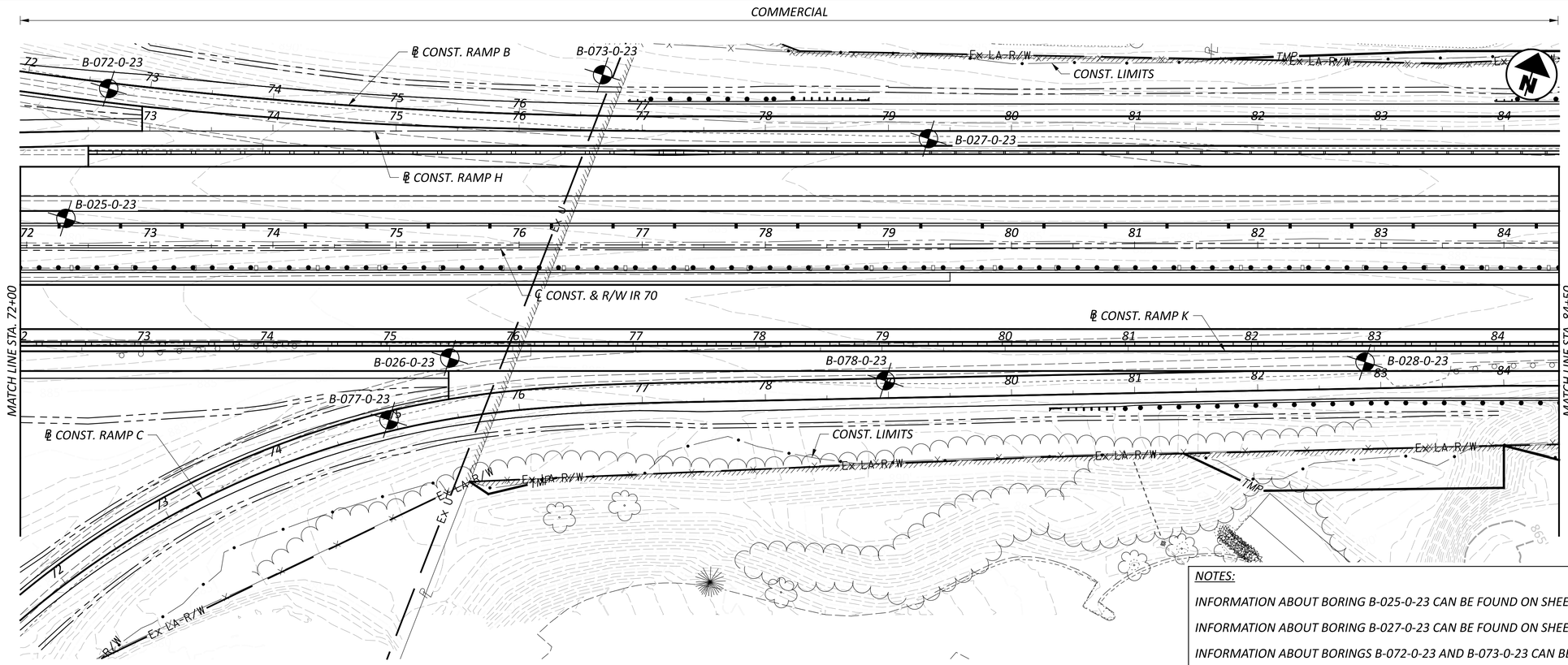
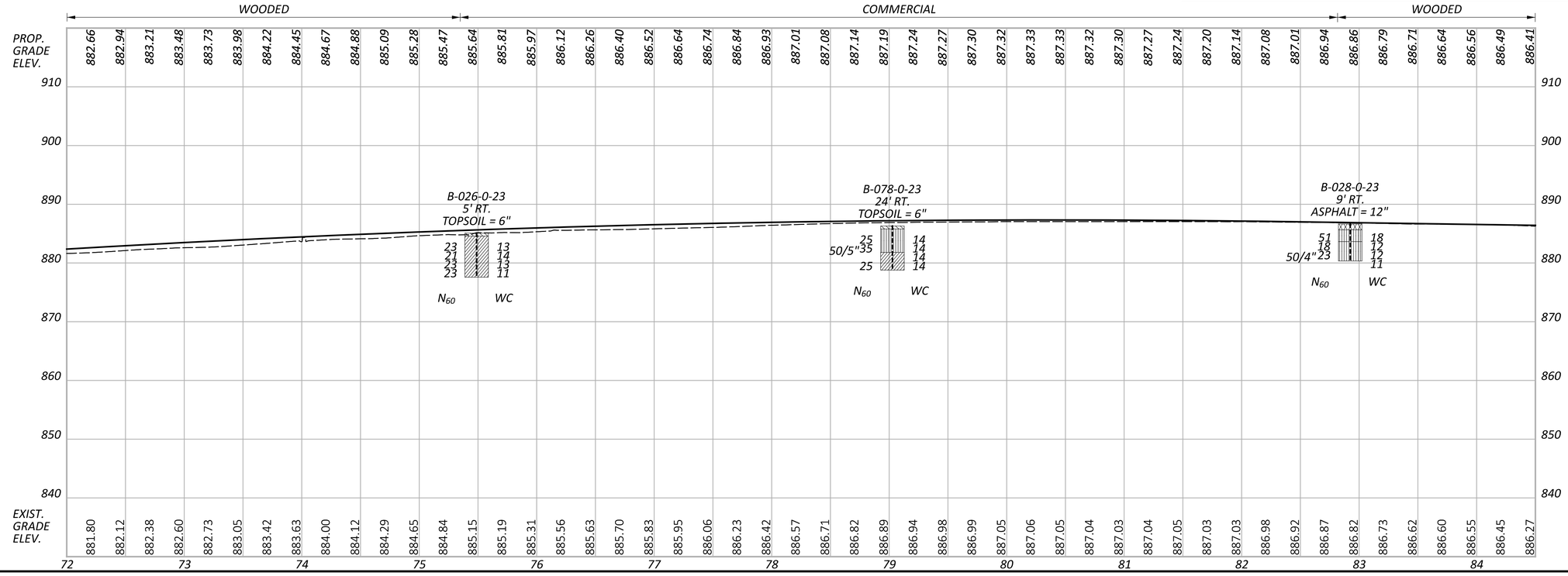
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
53	206
SHEET	TOTAL
P.1871	P.2024





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FAI/LIC-70-0.00-0.00

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP K - STA. 72+00 TO STA. 84+50

DESIGN AGENCY
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COLUMBUS, OH, 43231
TEL:614.714.0299
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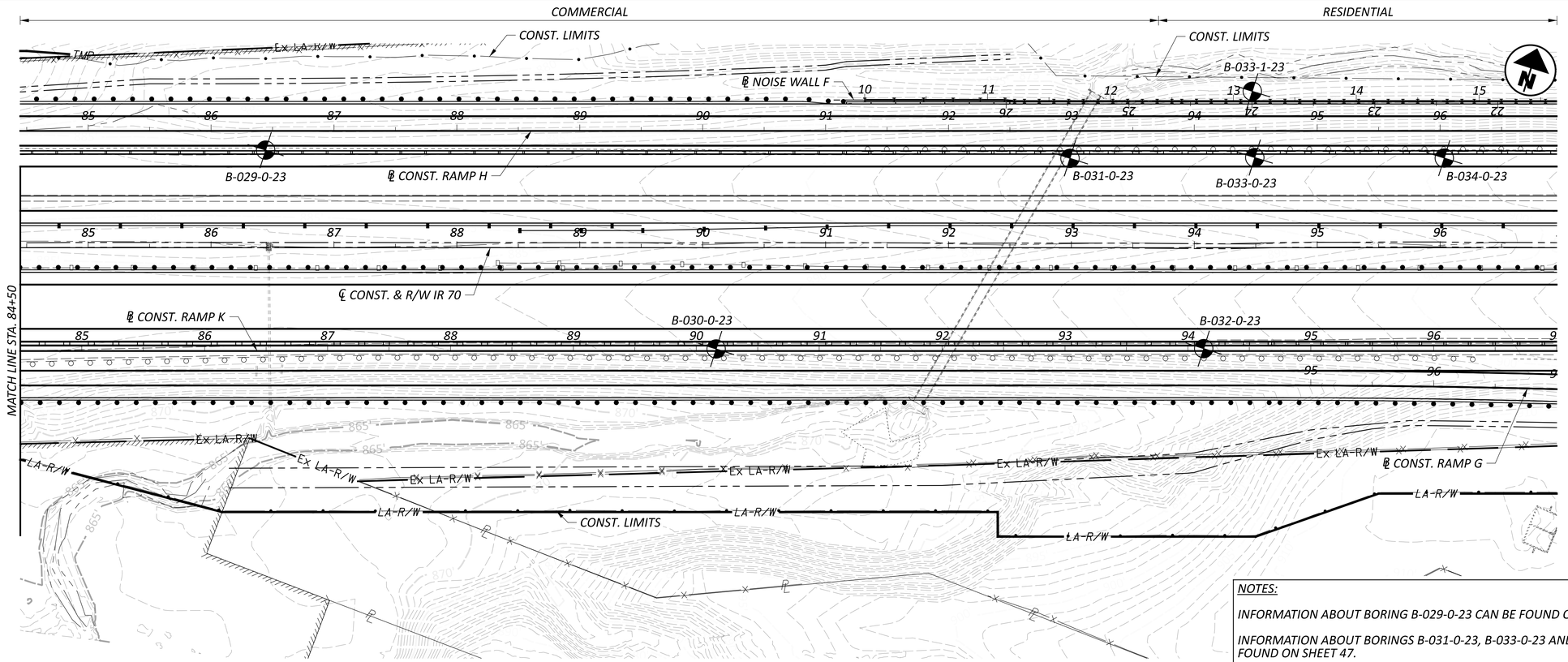
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 54 TOTAL 206
SHEET P.1872 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 25 50 100

NOTES:

INFORMATION ABOUT BORING B-029-0-23 CAN BE FOUND ON SHEETS 24 AND 45.

INFORMATION ABOUT BORINGS B-031-0-23, B-033-0-23 AND B-034-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORING B-033-1-23 CAN BE FOUND ON SHEET 70.

GEOTECHNICAL PROFILE - ROADWAY
RAMP K - STA. 84+50 TO END

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1004 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:04:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkancs@neasinc.com WORKSPACE: OHDOTEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
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2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
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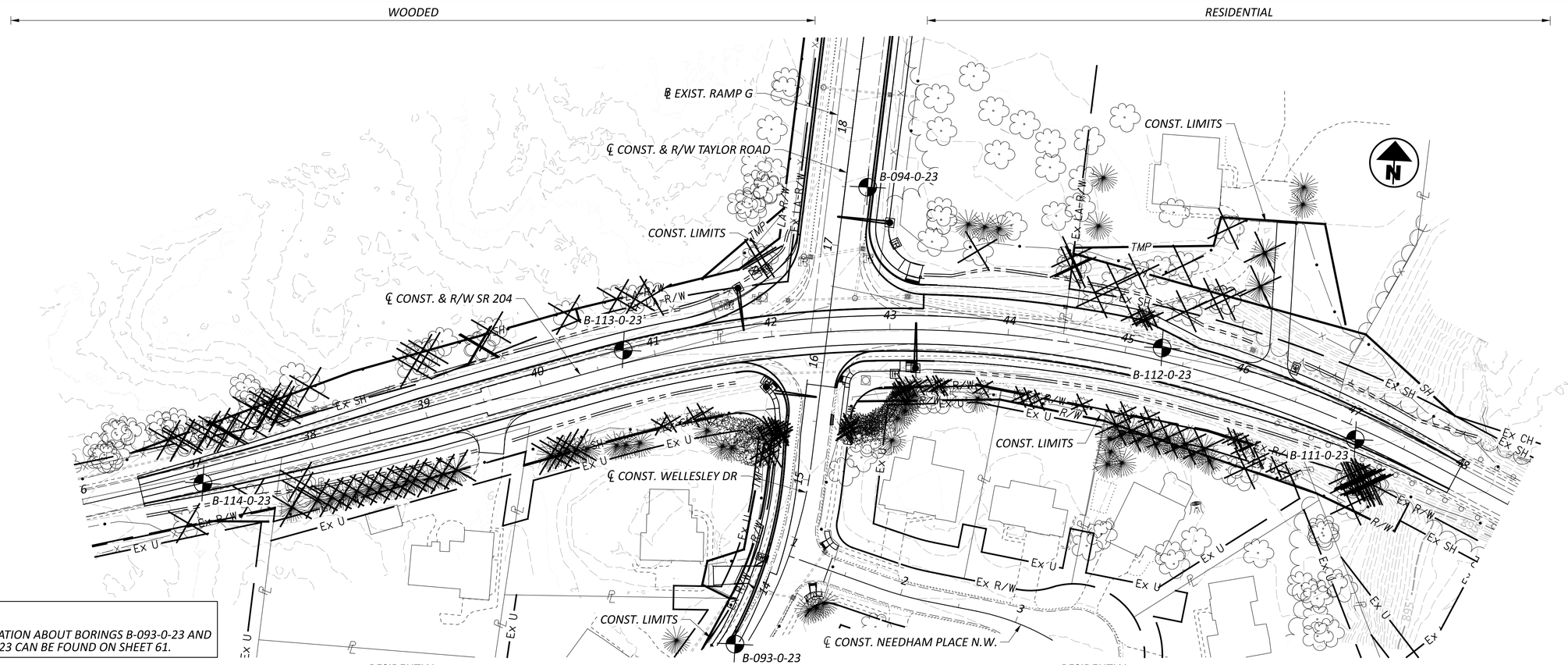
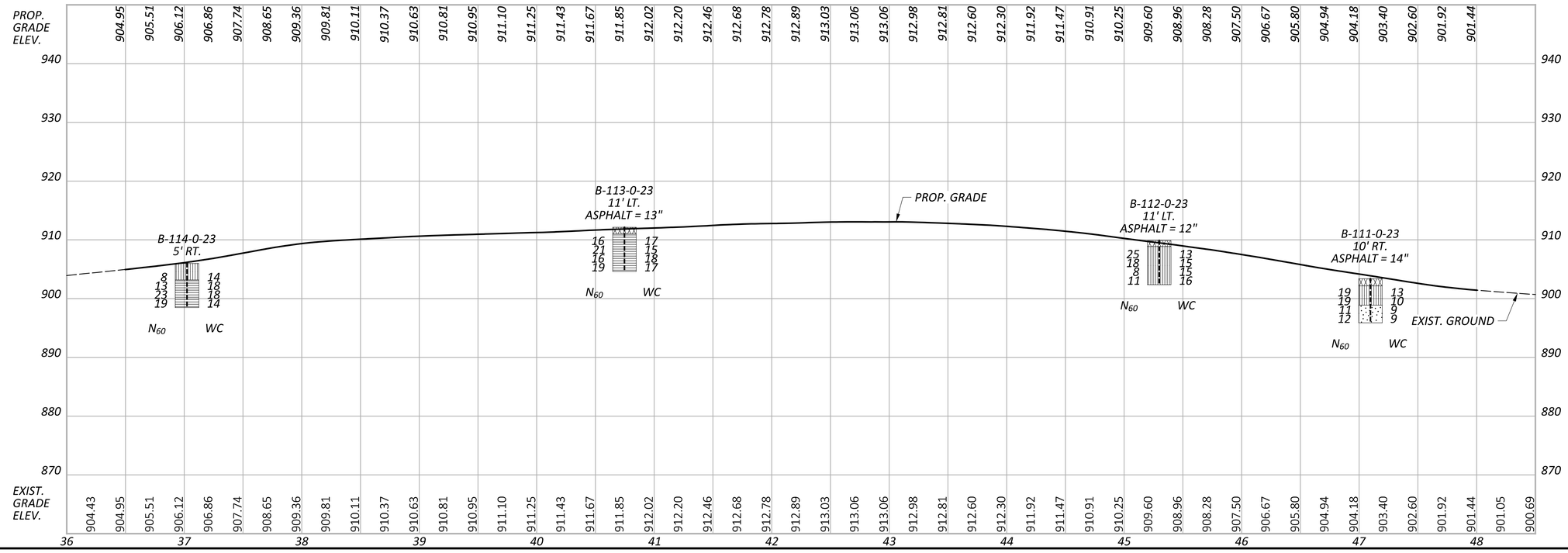
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 55 TOTAL 206
SHEET P.1873 TOTAL P.2024



NOTE:

INFORMATION ABOUT BORINGS B-093-0-23 AND B-094-0-23 CAN BE FOUND ON SHEET 61.



HORIZONTAL SCALE IN FEET

0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
SR-204 - STA. 36+00 TO STA. 48+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
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COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 56 TOTAL: 206
SHEET: P.1874 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

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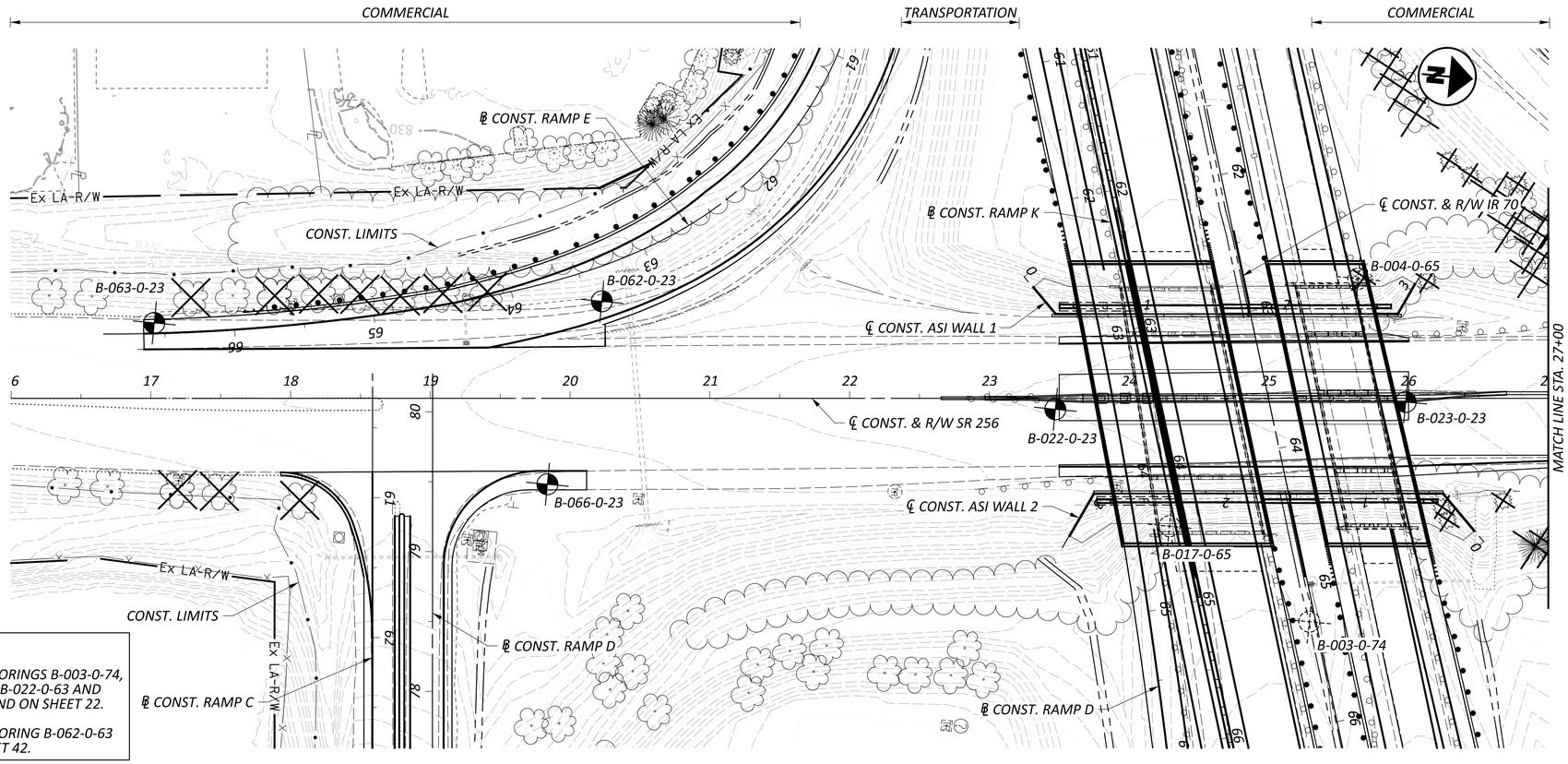
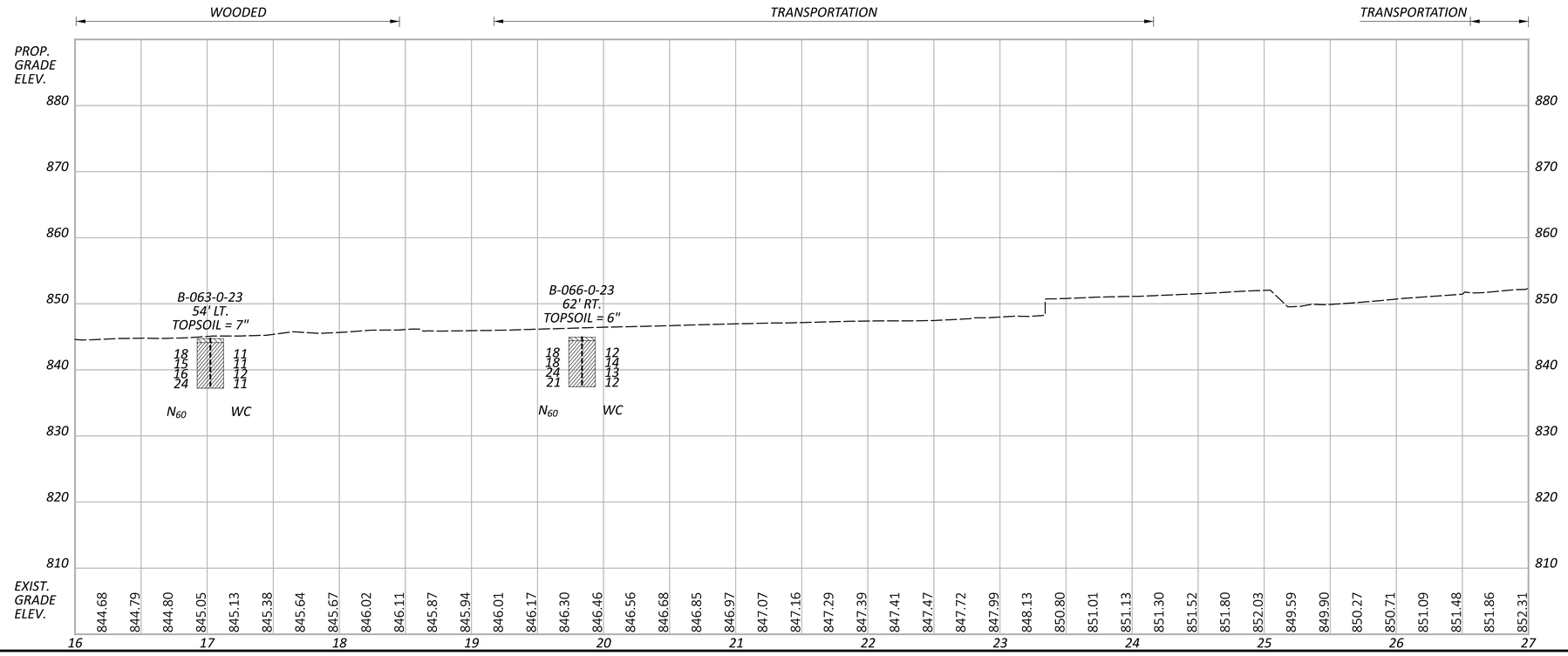


NOTES:

INFORMATION ABOUT BORINGS B-003-0-74, B-004-0-65, B-017-0-65, B-022-0-63 AND B-023-0-23 CAN BE FOUND ON SHEET 22.

INFORMATION ABOUT BORING B-062-0-63 CAN BE FOUND ON SHEET 42.



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
SR-256 - STA. 16+00 TO STA. 27+00

DESIGN AGENCY
NEAS
Noisecat Engineering & Architectural Services Inc.
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COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 57 | TOTAL 206

SHEET P.1875 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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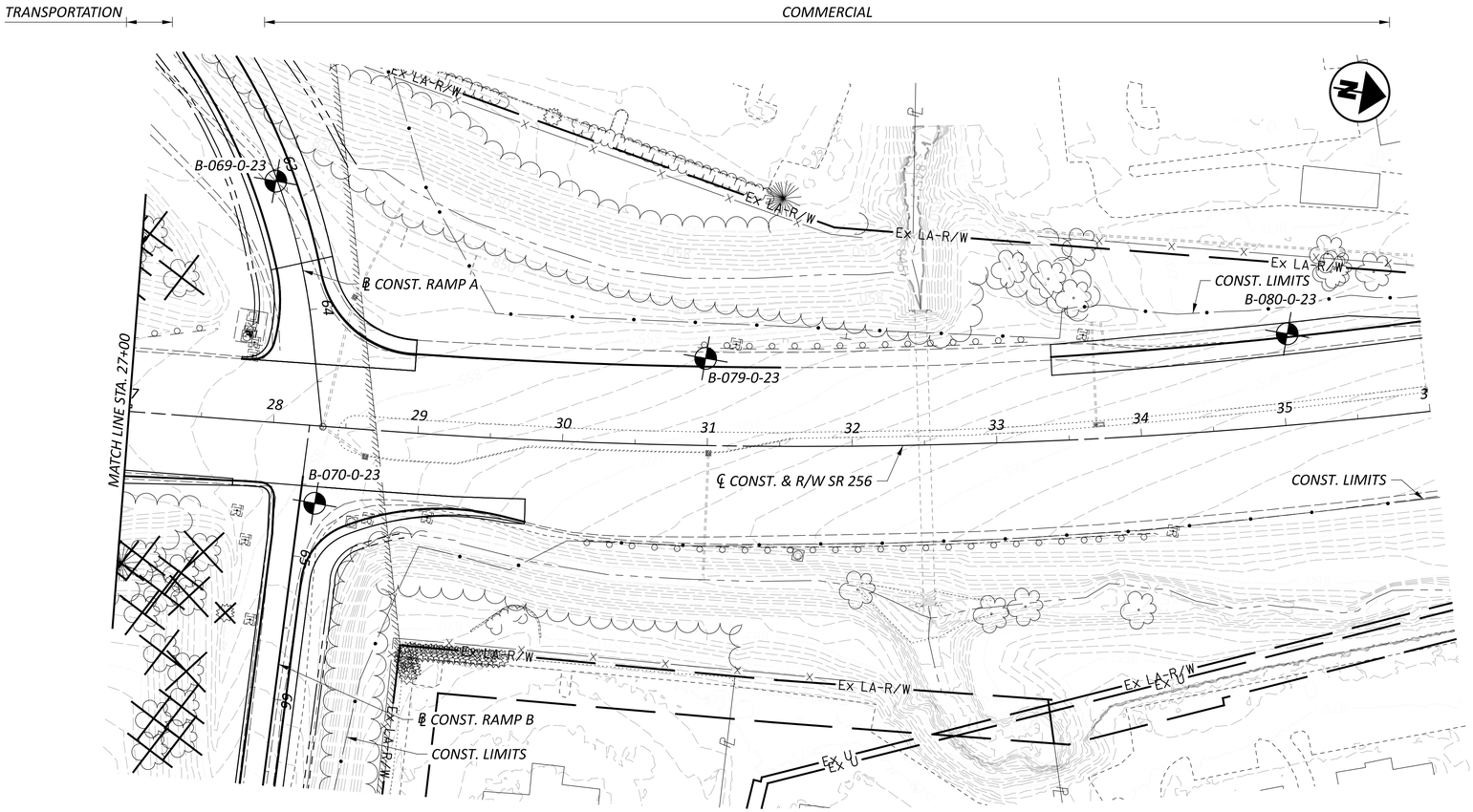

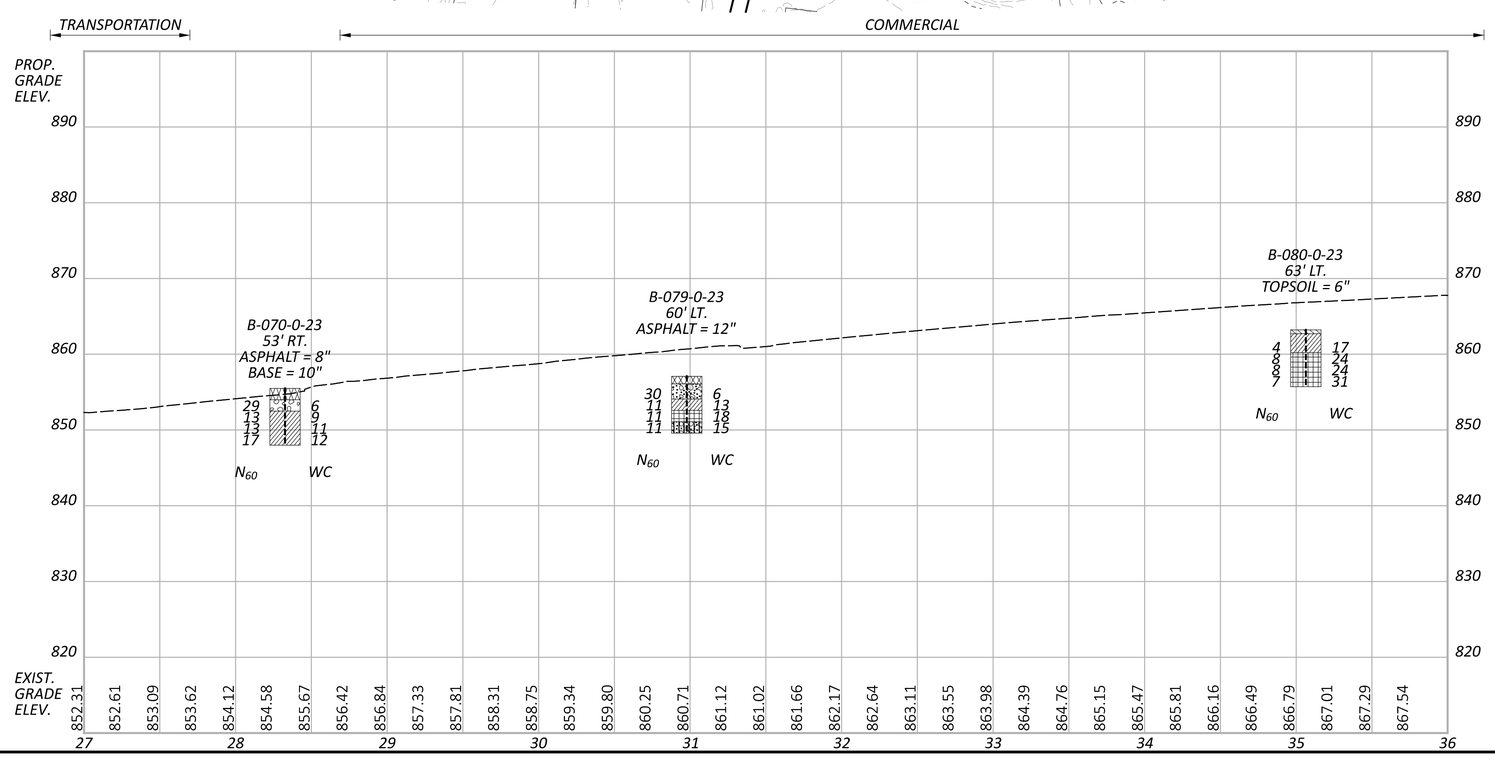

NOTE:

INFORMATION ABOUT BORING B-069-0-23 CAN BE FOUND ON SHEET 34.

HORIZONTAL SCALE IN FEET

0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
SR-256 - STA. 27+00 TO STA. 36+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS

REVIEWER: CH 08/21/26

PROJECT ID: 96808

SUBSET: 58 | TOTAL: 206

SHEET: P.1876 | TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1202 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:04:57 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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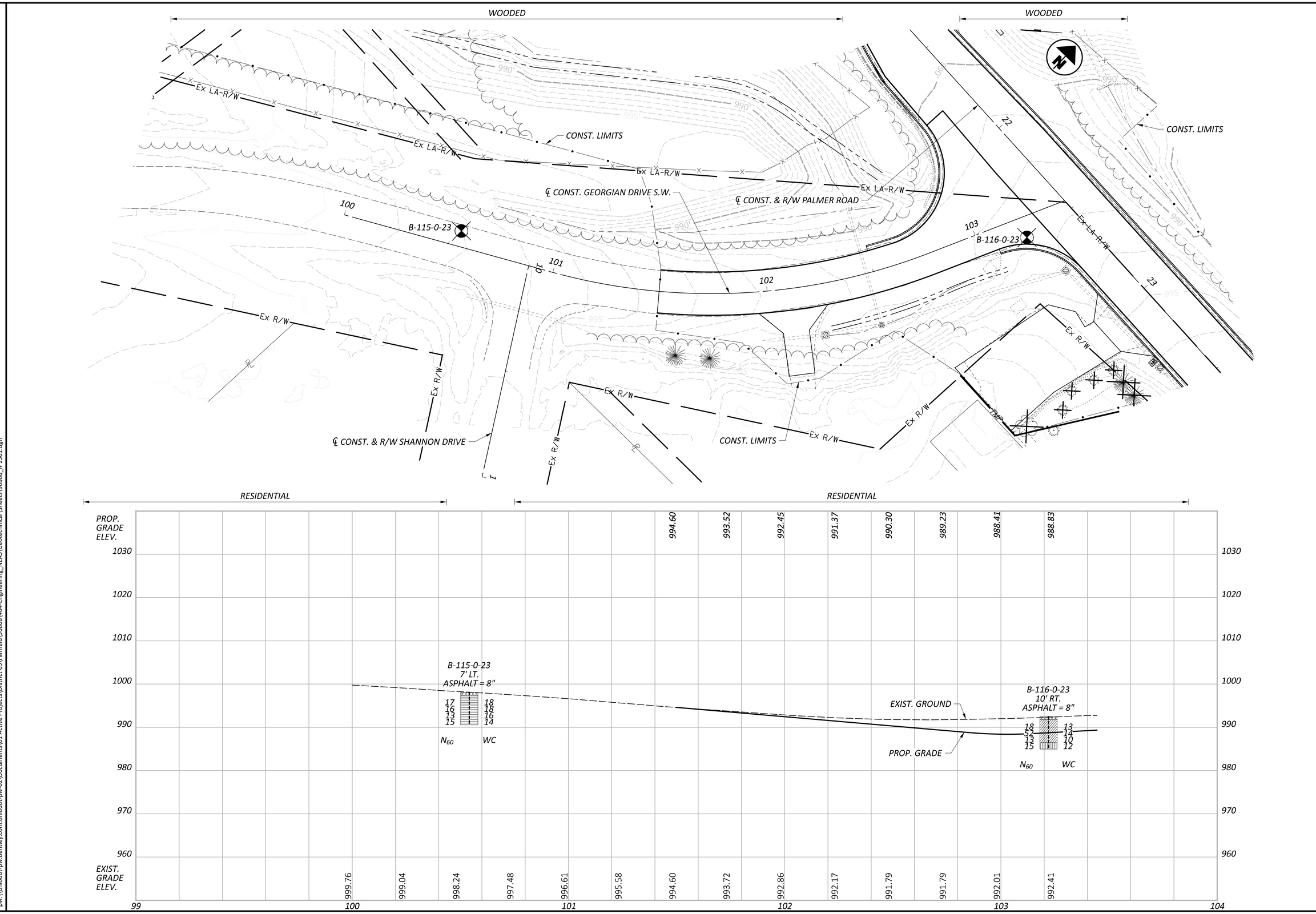

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
GEORGIAN DRIVE - STA. 99+00 TO STA. 104+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 59 TOTAL: 206
SHEET: P.1877 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1301 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 8:31:33 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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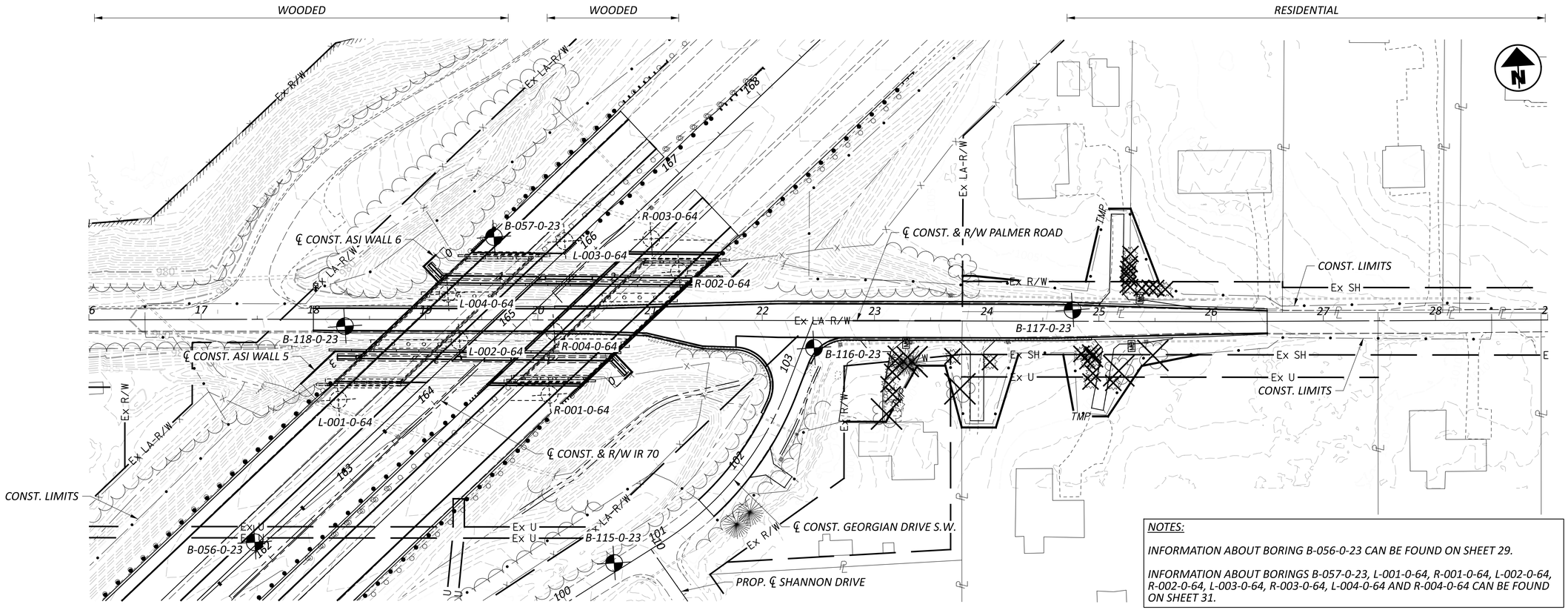

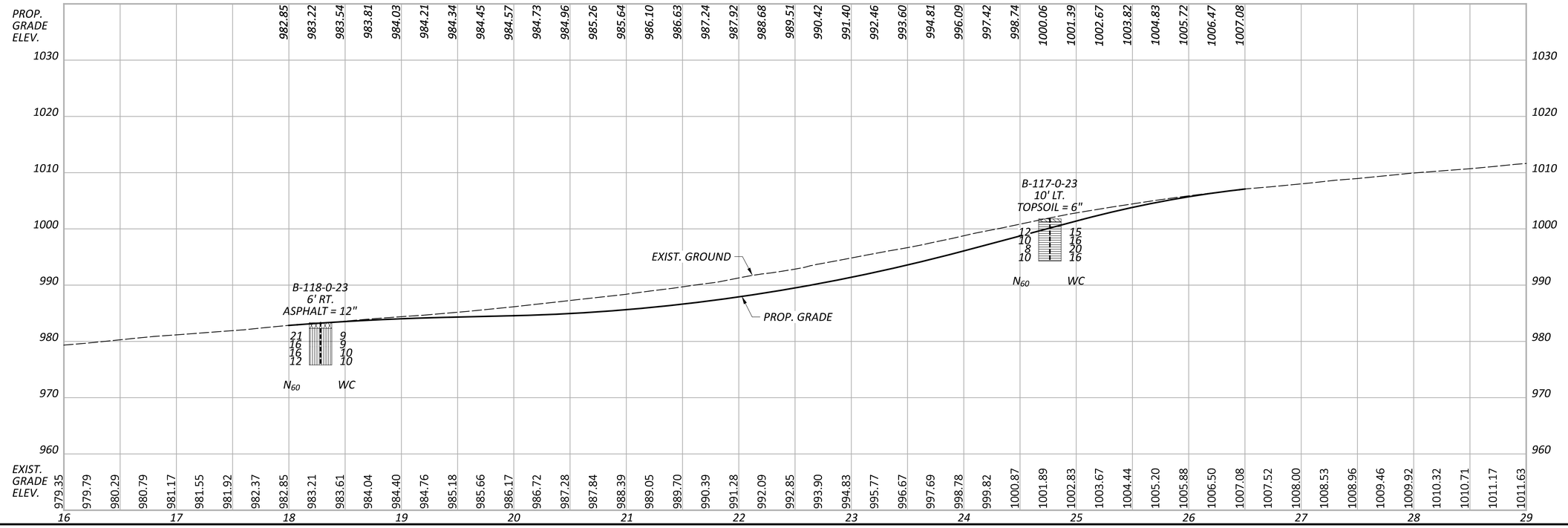

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
PALMER ROAD - STA. 16+00 TO STA. 29+00

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP1401 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:03:24 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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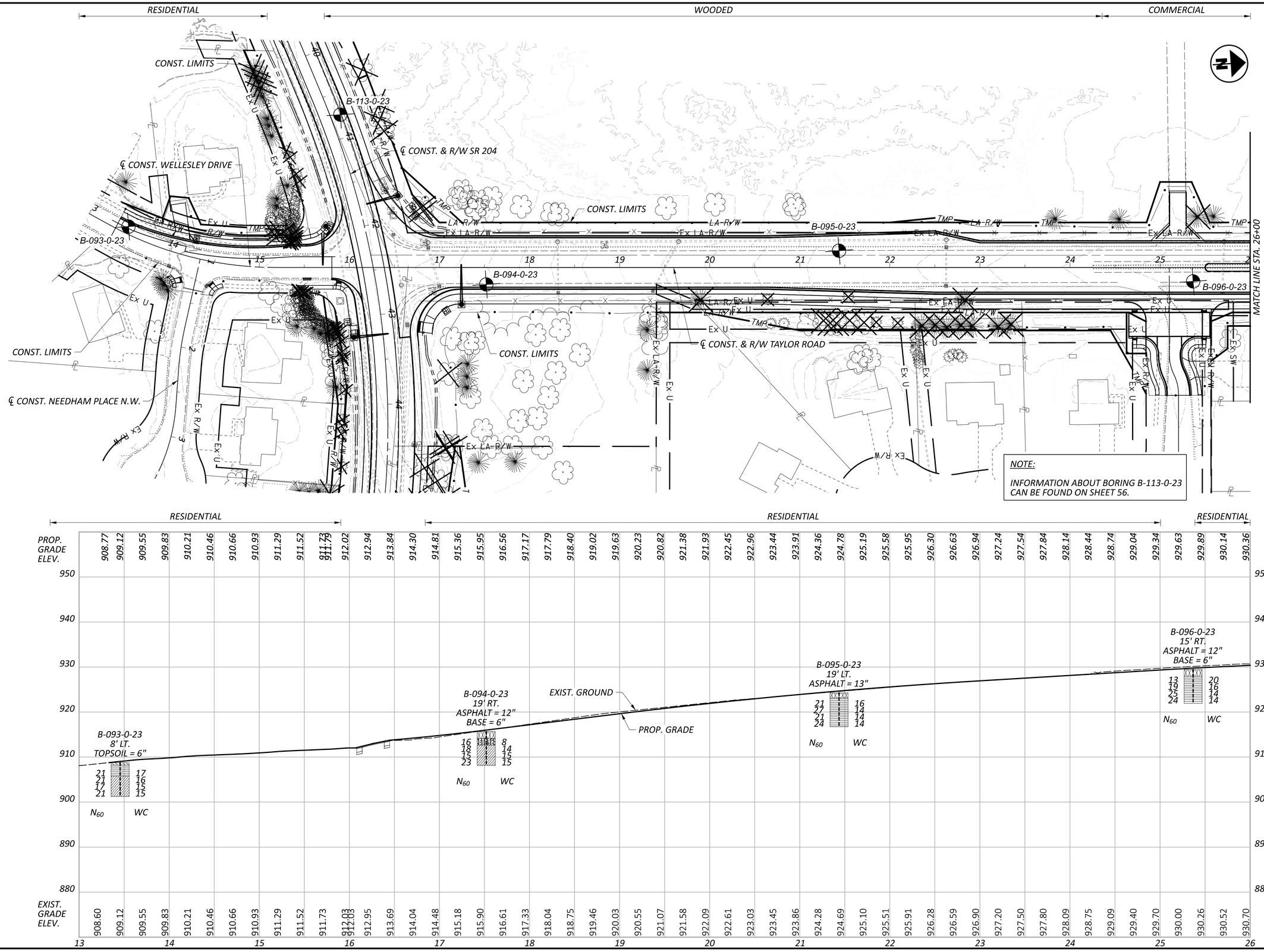
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	60
TOTAL	206
SHEET	P.1878
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
TAYLOR ROAD - STA. 13+00 TO STA. 26+00

DESIGN AGENCY
NEAS
Noblesse Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

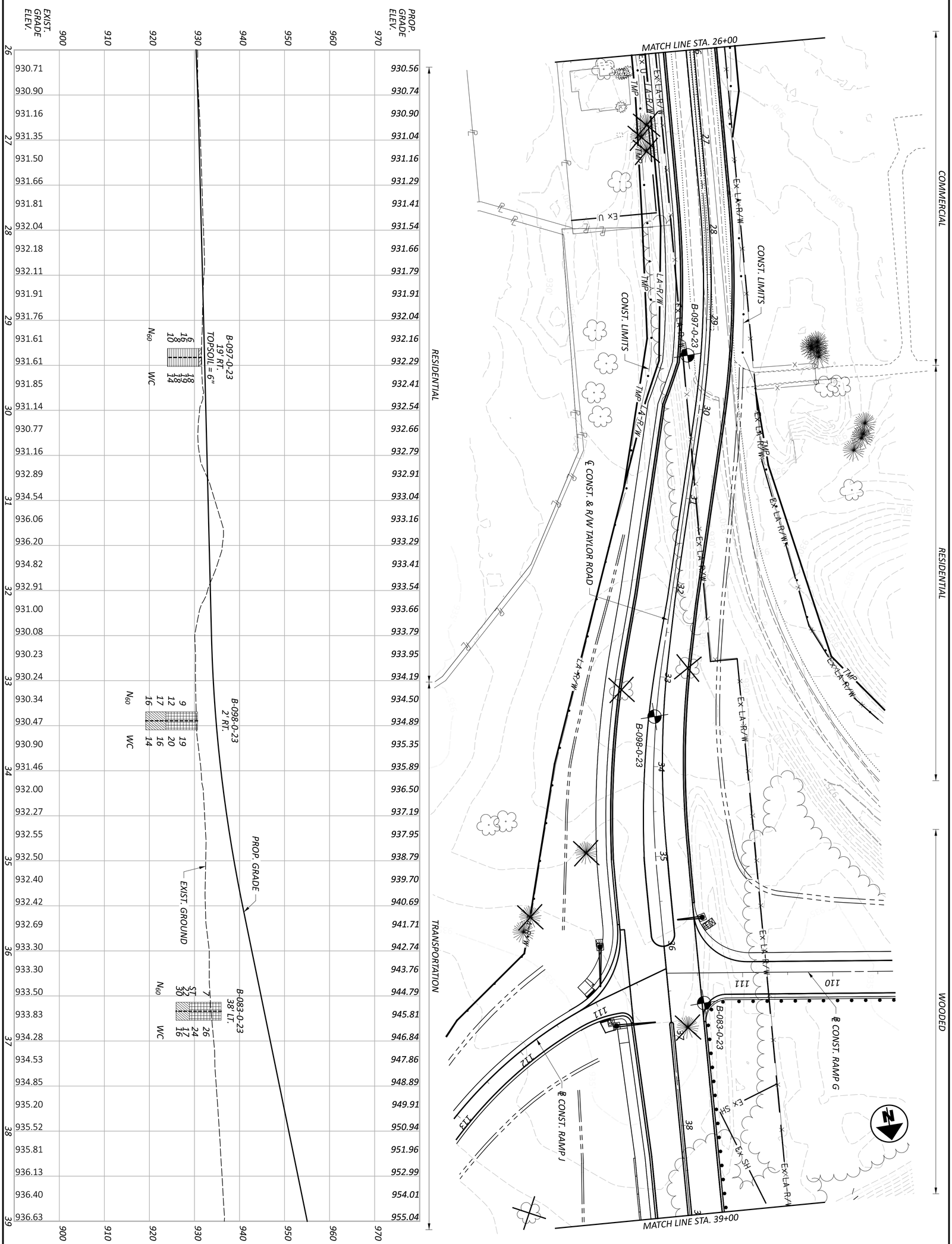
DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 61 | TOTAL: 206
SHEET: P.1879 | TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1501 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:56:11 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkancs@neasinc.com WORKSPACE: OHDOTEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP1501.dgn

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1502 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:06:34 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP1502.dgn



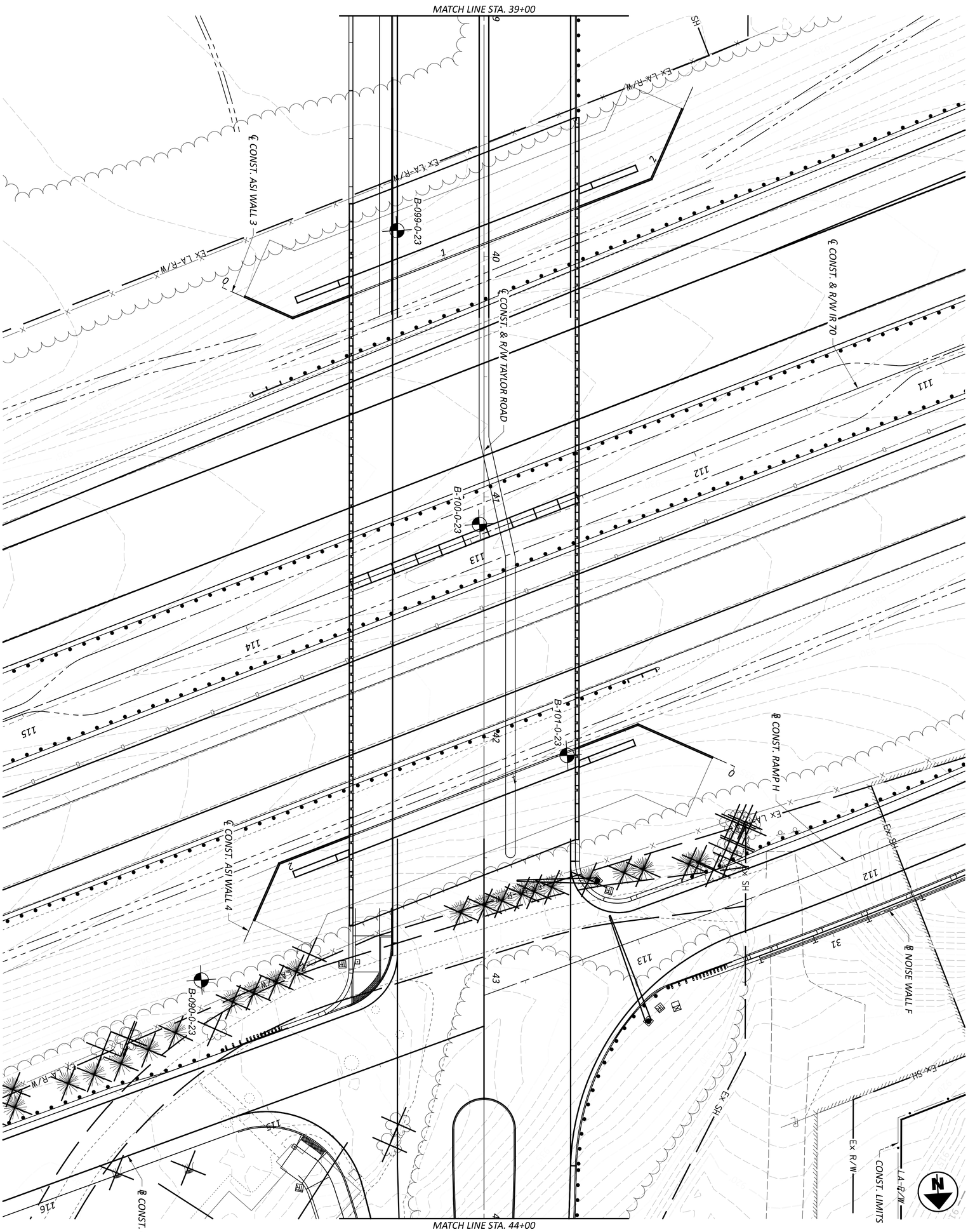
DESIGN AGENCY	NEAS Nationwide Engineering & Architecture Services Inc. 2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 TEL:614.714.0299 WWW.NEASINC.COM
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	62
TOTAL	206
SHEET	P.1880
TOTAL	P.2024

GEOTECHNICAL PROFILE - ROADWAY
TAYLOR ROAD - STA. 26+00 TO STA. 39+00

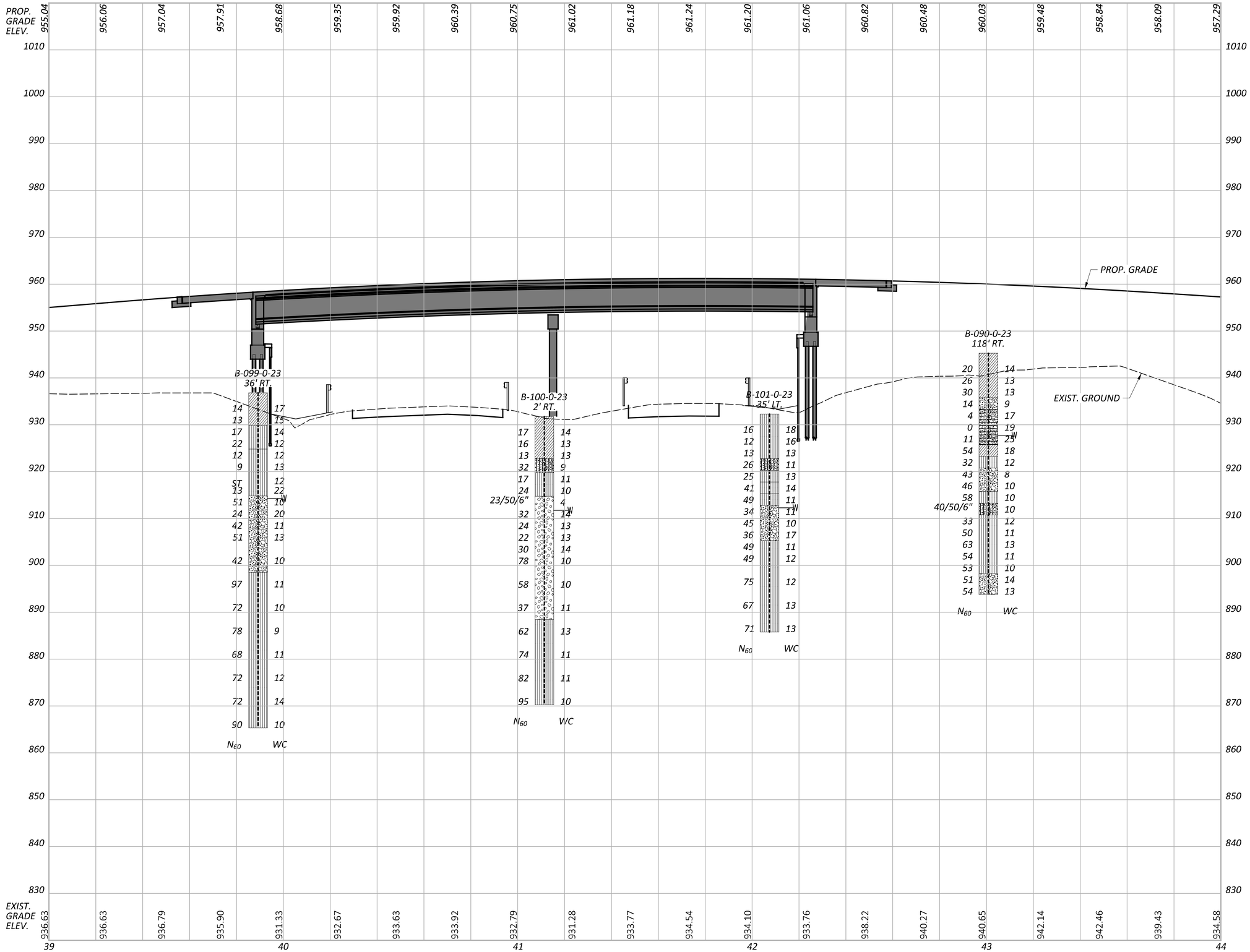
HORIZONTAL SCALE IN FEET
0 25 50 100

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP1503 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:28:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZP1503.dgn



SFN 2302588	DESIGN AGENCY NEAS	GEOTECHNICAL PROFILE - ROADWAY TAYLOR ROAD - STA. 39+00 TO STA. 44+00	HORIZONTAL SCALE IN FEET 0 20 10 40
DESIGNER RS	2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 TELEPHONE 614.714.0299 WWW.NEASINC.COM		
REVIEWER CH 08/21/26			
PROJECT ID 96808			
SUBSET 63 TOTAL 206			
SHEET P.1881 TOTAL P.2024			



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
TAYLOR ROAD - STA. 39+00 TO STA. 44+00

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF1503 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:40:09 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SFN 2302588

DESIGN AGENCY
NEAS National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

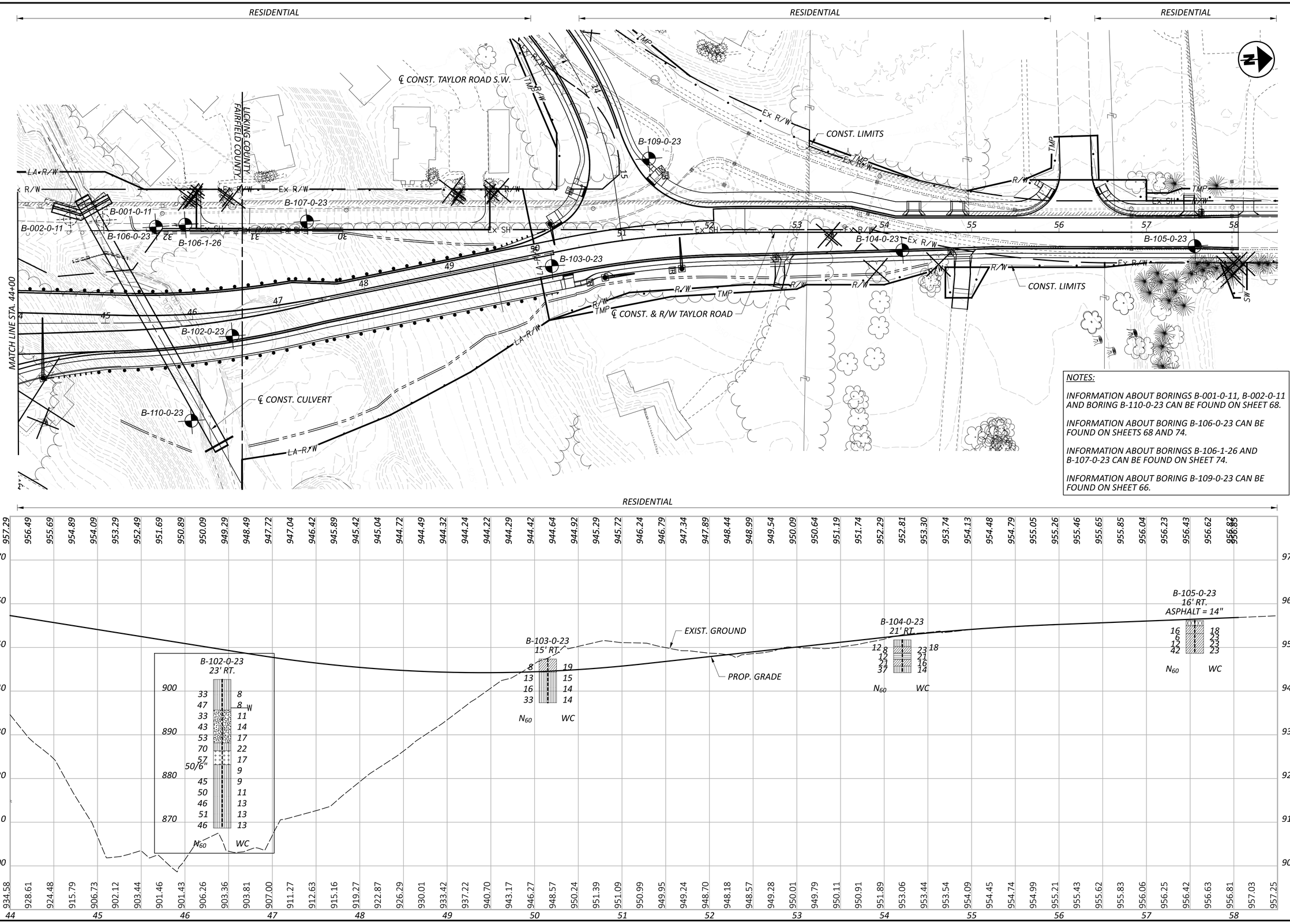
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 64 | TOTAL 206

SHEET P.1882 | TOTAL P.2024



NOTES:

INFORMATION ABOUT BORINGS B-001-0-11, B-002-0-11 AND BORING B-110-0-23 CAN BE FOUND ON SHEET 68.

INFORMATION ABOUT BORING B-106-0-23 CAN BE FOUND ON SHEETS 68 AND 74.

INFORMATION ABOUT BORINGS B-106-1-26 AND B-107-0-23 CAN BE FOUND ON SHEET 74.

INFORMATION ABOUT BORING B-109-0-23 CAN BE FOUND ON SHEET 66.

HORIZONTAL SCALE IN FEET
0 25 50 100

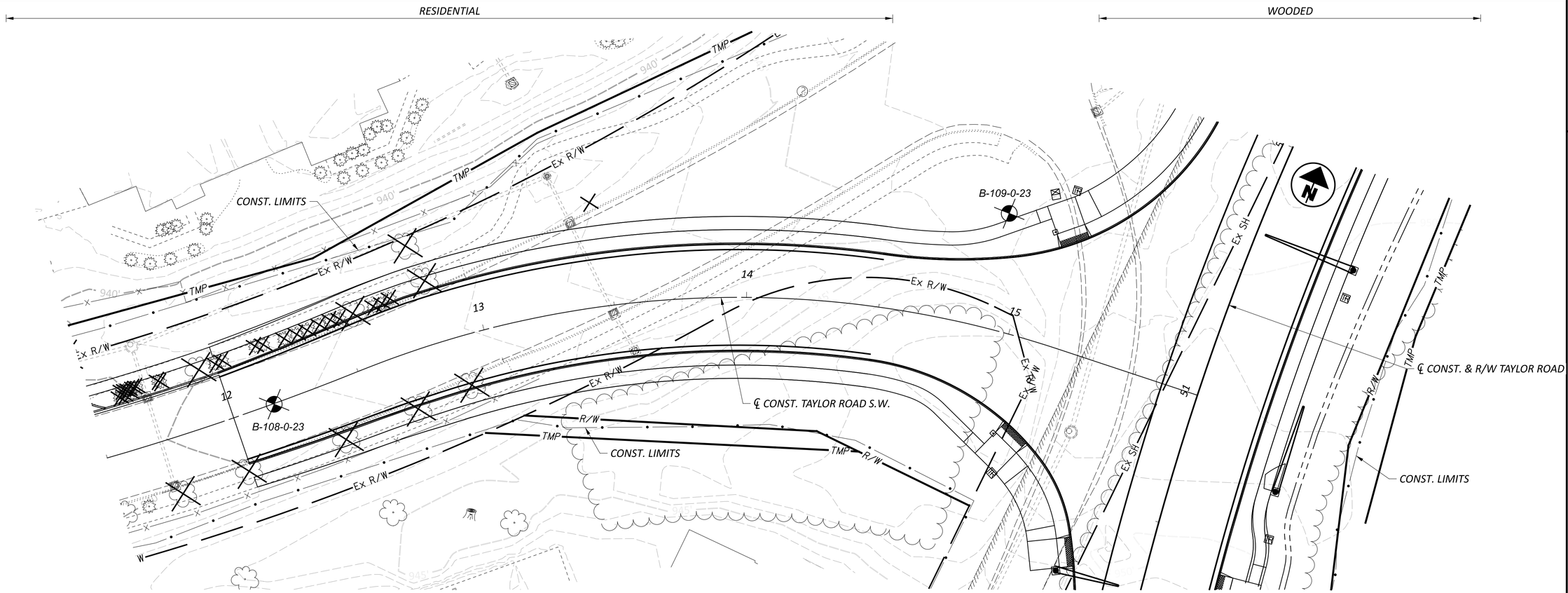
GEOTECHNICAL PROFILE - ROADWAY
TAYLOR ROAD - STA. 44+00 TO STA. 58+50

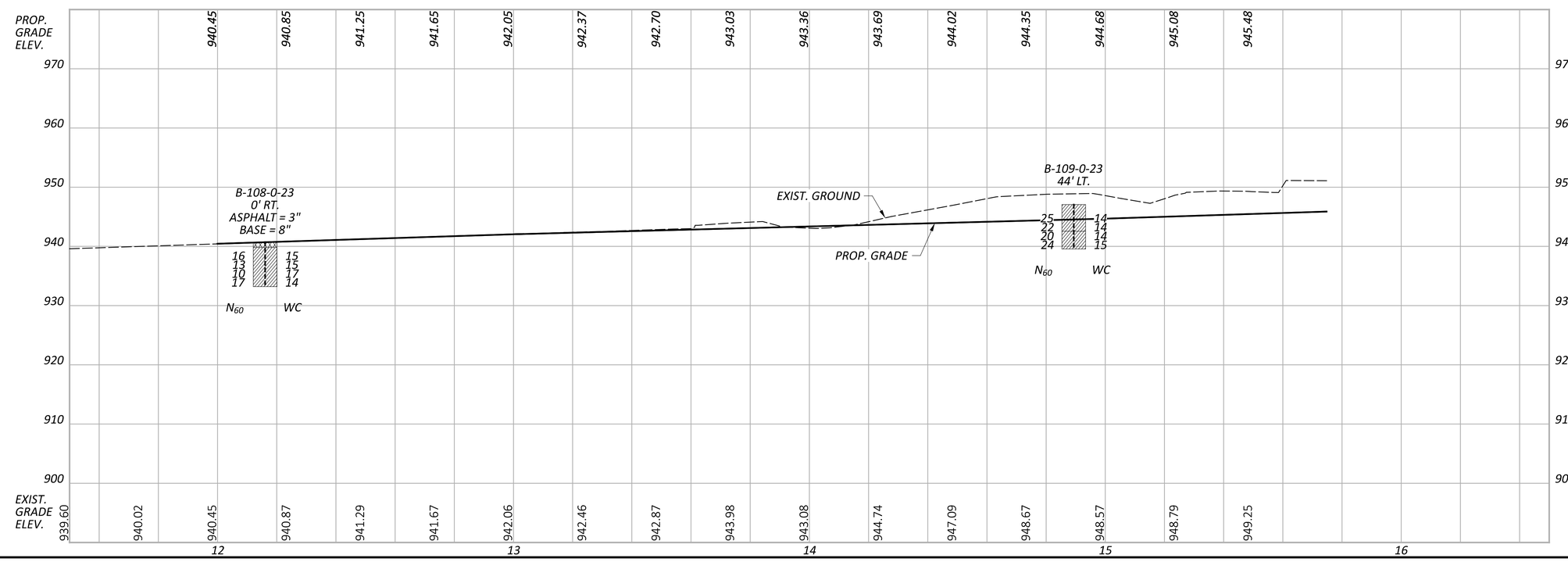
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 65 TOTAL: 206
SHEET: P.1883 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1504 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:16:42 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP1504.dgn





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
TAYLOR ROAD S.W. - STA. 11+50 TO STA. 16+50

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	66
TOTAL	206
SHEET	P.1884
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP1601 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 8:38:37 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP1601.dgn

RESIDENTIAL

RESIDENTIAL

WOODED

℄ CONST. RETAINING WALL 3

CONST. LIMITS

Ex R/W

LA-R/W

℄ CONST. & R/W TAYLOR ROAD

B-106-1-26

B-106-0-23

B-102-0-23

LICKING COUNTY
FAIRFIELD COUNTY

B-001-0-11

B-002-0-11

℄ CONST. CULVERT

B-110-0-23

Ex SH

℄ CONST. RAMP H

TRANSPORTATION

RESIDENTIAL

NOTE:

INFORMATION ABOUT BORING B-106-1-26 CAN BE FOUND ON SHEET 74.

HORIZONTAL
SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY

BRIDGE NO. FAI-TR219-00.044 TAYLOR RD. OVER TRIBUTARY TO BLACKLICK CREEK

SFN
2335817

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER
RS

REVIEWER
CH 08/21/26

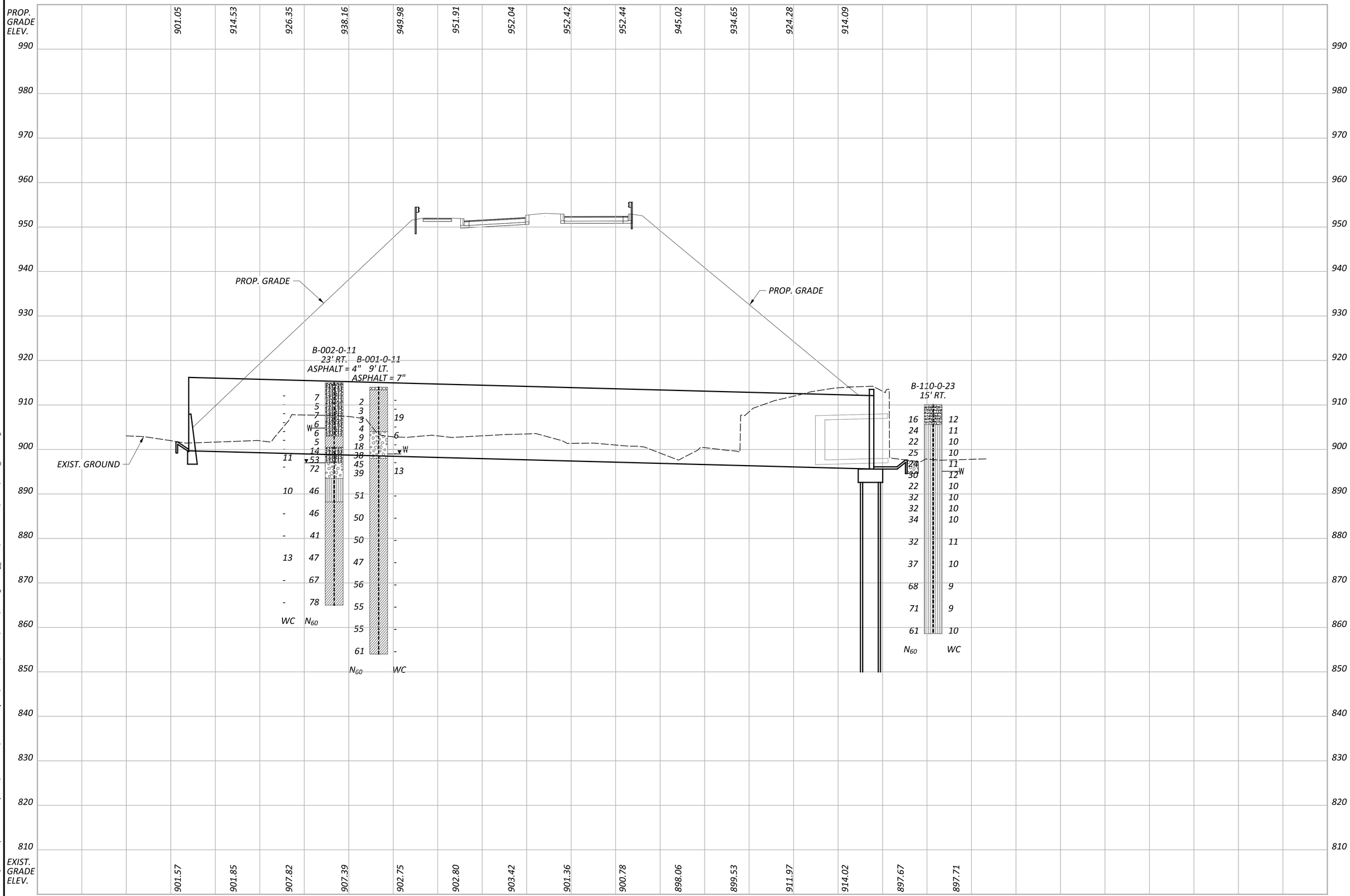
PROJECT ID
96808

SUBSET 67 | TOTAL 206

SHEET P.1885 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP1701 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 8:58:11 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZP1701.dgn



FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF1701 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 9:00:58 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZF1701.dgn

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
BRIDGE NO. FAI-TR219-00.044 TAYLOR RD. OVER TRIBUTARY TO BLACKLICK CREEK

SFN 2335817

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

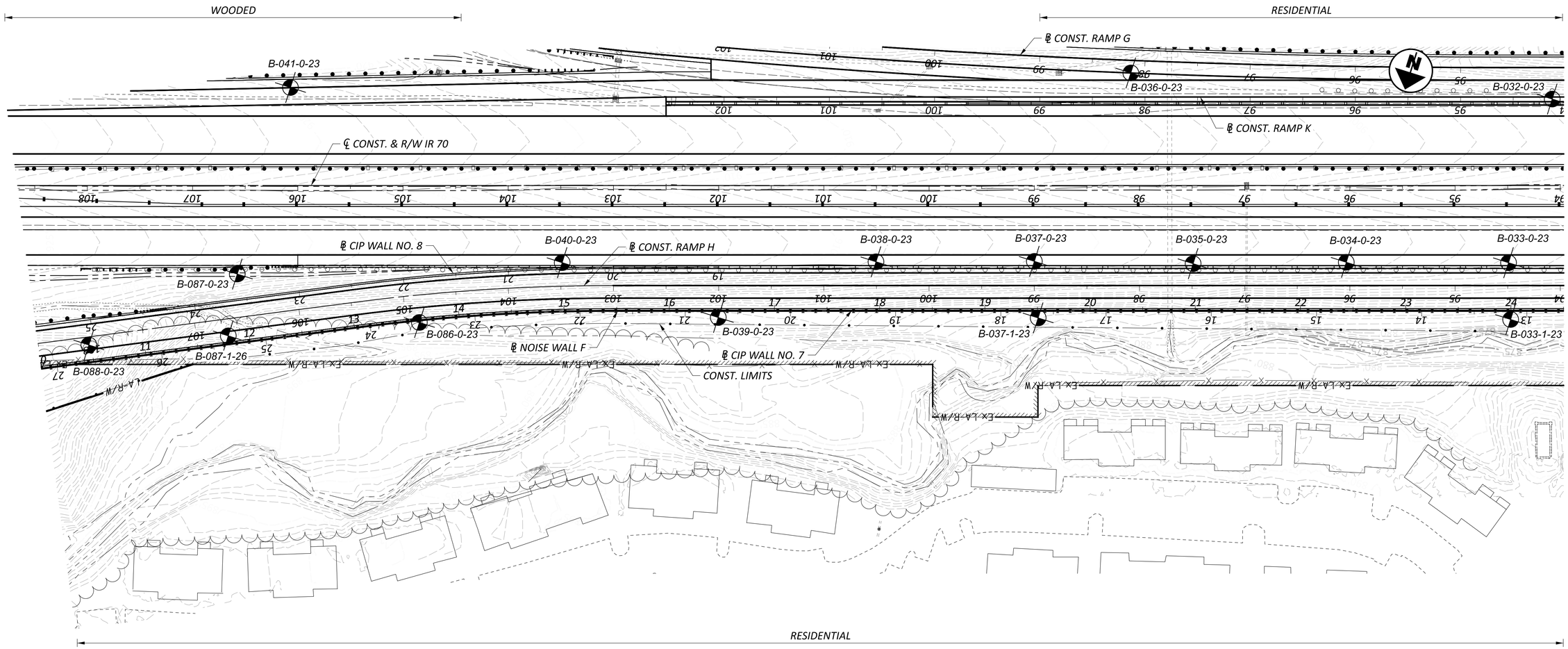
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 68 | TOTAL 206

SHEET P.1886 | TOTAL P.2024



NOTES:

INFORMATION ABOUT BORING B-032-0-23 CAN BE FOUND ON SHEET 55.

INFORMATION ABOUT BORINGS B-033-0-23, B-034-0-23, B-035-0-23, B-037-0-23 AND B-038-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORING B-036-0-23 CAN BE FOUND ON SHEET 43.

INFORMATION ABOUT BORINGS B-040-0-23 AND B-087-0-23 CAN BE FOUND ON SHEET 72.

INFORMATION ABOUT BORING B-041-0-23 CAN BE FOUND ON SHEET 24.

INFORMATION ABOUT BORING B-087-1-26 CAN BE FOUND ON SHEET 105.

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	69
TOTAL	206
SHEET	P.1887
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP1801 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:05:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofikancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZP1801.dgn

MODEL: 96808_ZF1801 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:45:22 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@measinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZF1801.dgn

FAI/LIC-70-0.00-0.00

B-088-0-23
16' LT.

B-087-0-23
64' LT

B-087-1-26
STA. 11+80, 7' LT.

B-086-0-23
3' RT.

B-040-0-23
46' LT.
ASPHALT = 18"
BASE = 6"

B-039-0-23
7' RT.

B-038-0-23
46' LT.
ASPHALT = 18"
BASE = 6"

B-037-1-23
7' RT.
TOPSOIL = 8"

B-035-0-23
44' LT.
ASPHALT = 17.5"
BASE = 6"

B-034-0-23
46' LT.
ASPHALT = 17.5"
BASE = 6"

B-033-1-23
9' RT.
TOPSOIL = 8"

N_{60} WC

EXIST. GRADE ELEV.

960 950 940 930 920 910 900 890 880 870 860 850 840 830 820 810 800 790 780

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 70 TOTAL 206
SHEET P.1888 TOTAL P.2024



NOTES:

INFORMATION ABOUT BORING B-038-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORINGS B-039-0-23, B-086-0-23 AND B-088-0-23 CAN BE FOUND ON SHEET 70.

INFORMATION ABOUT BORING B-041-0-23 CAN BE FOUND ON SHEET 24.

INFORMATION ABOUT BORINGS B-081-0-23 AND B-082-0-23 CAN BE FOUND ON SHEET 44.

INFORMATION ABOUT BORING B-087-1-26 CAN BE FOUND ON SHEET 105.

HORIZONTAL SCALE IN FEET
0 25 50 100

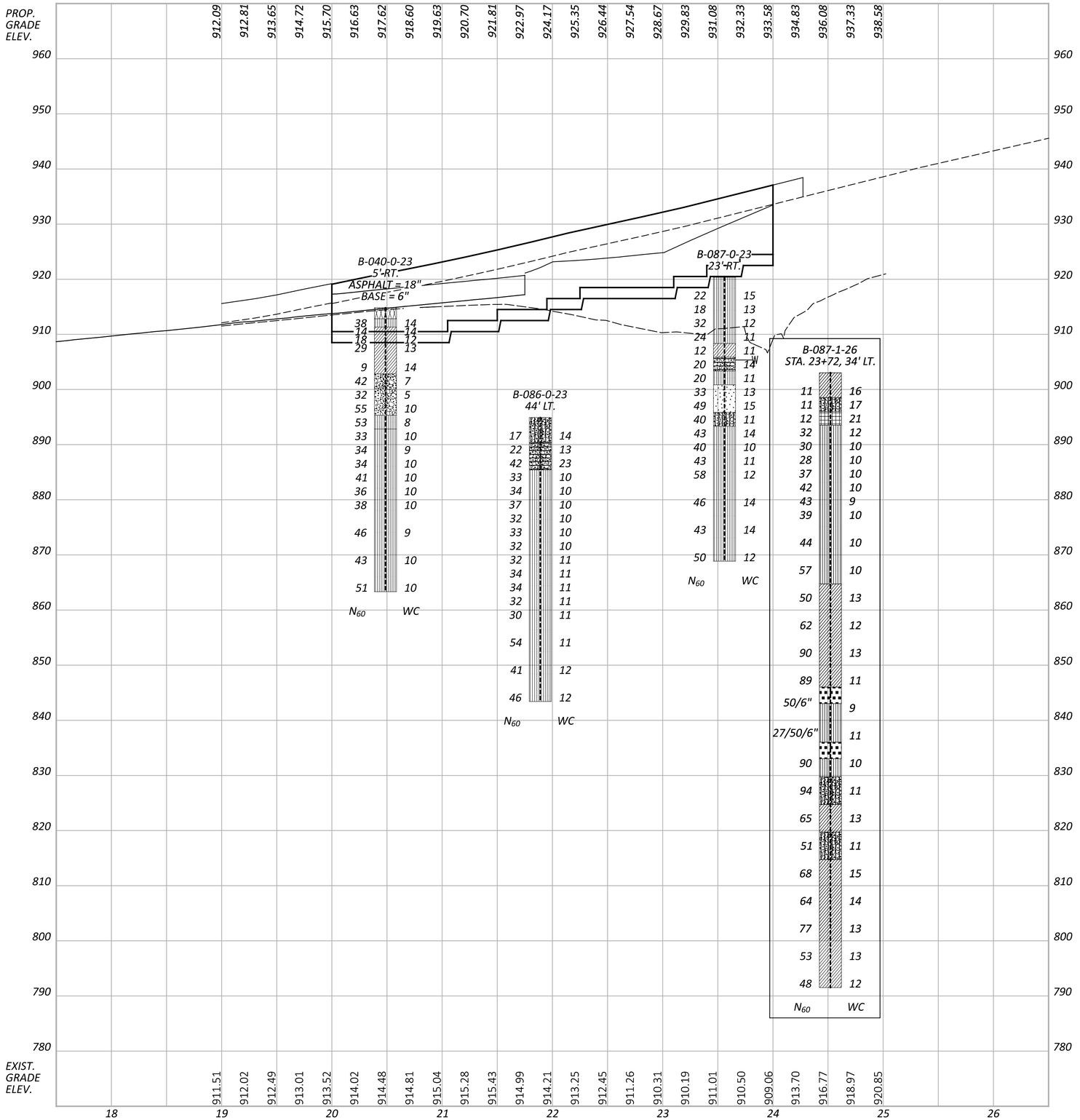
GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 8 ALONG RAMP H

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 71 TOTAL: 206
SHEET: P.1889 TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP1901 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:05:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCivil02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZP1901.dgn



HORIZONTAL SCALE IN FEET
0 50 100
25

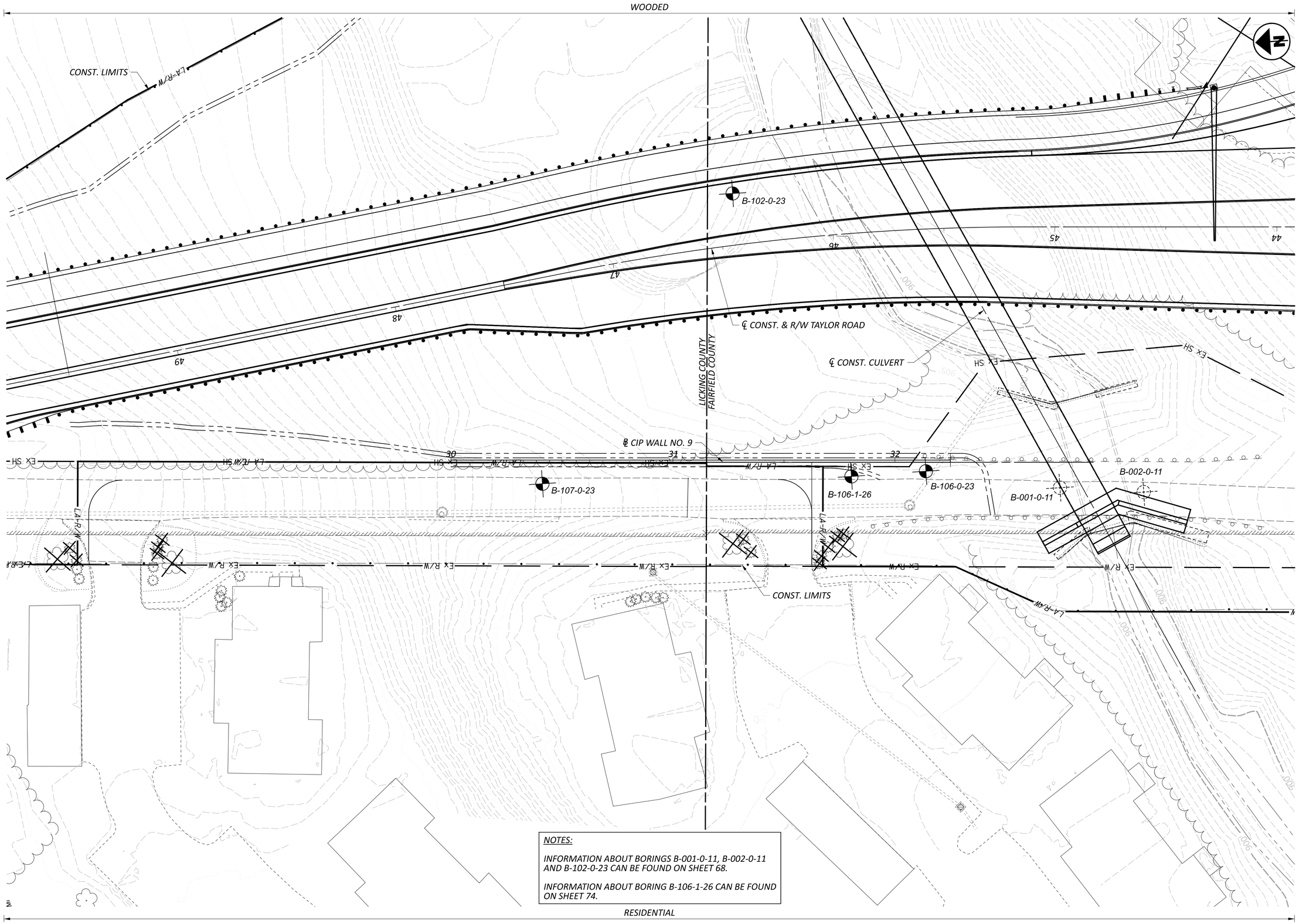
GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 8 ALONG RAMP H

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 72 TOTAL 206
SHEET P.1890 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF1901 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 10:54:13 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkanc@neasinc.com WORKSPACE: OHDOTCEx02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\d04-Engineering_NEAS\Geotechnical\Sheets\96808_ZF1901.dgn



NOTES:

INFORMATION ABOUT BORINGS B-001-0-11, B-002-0-11 AND B-102-0-23 CAN BE FOUND ON SHEET 68.

INFORMATION ABOUT BORING B-106-1-26 CAN BE FOUND ON SHEET 74.

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	73
TOTAL	206
SHEET	P.1891
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

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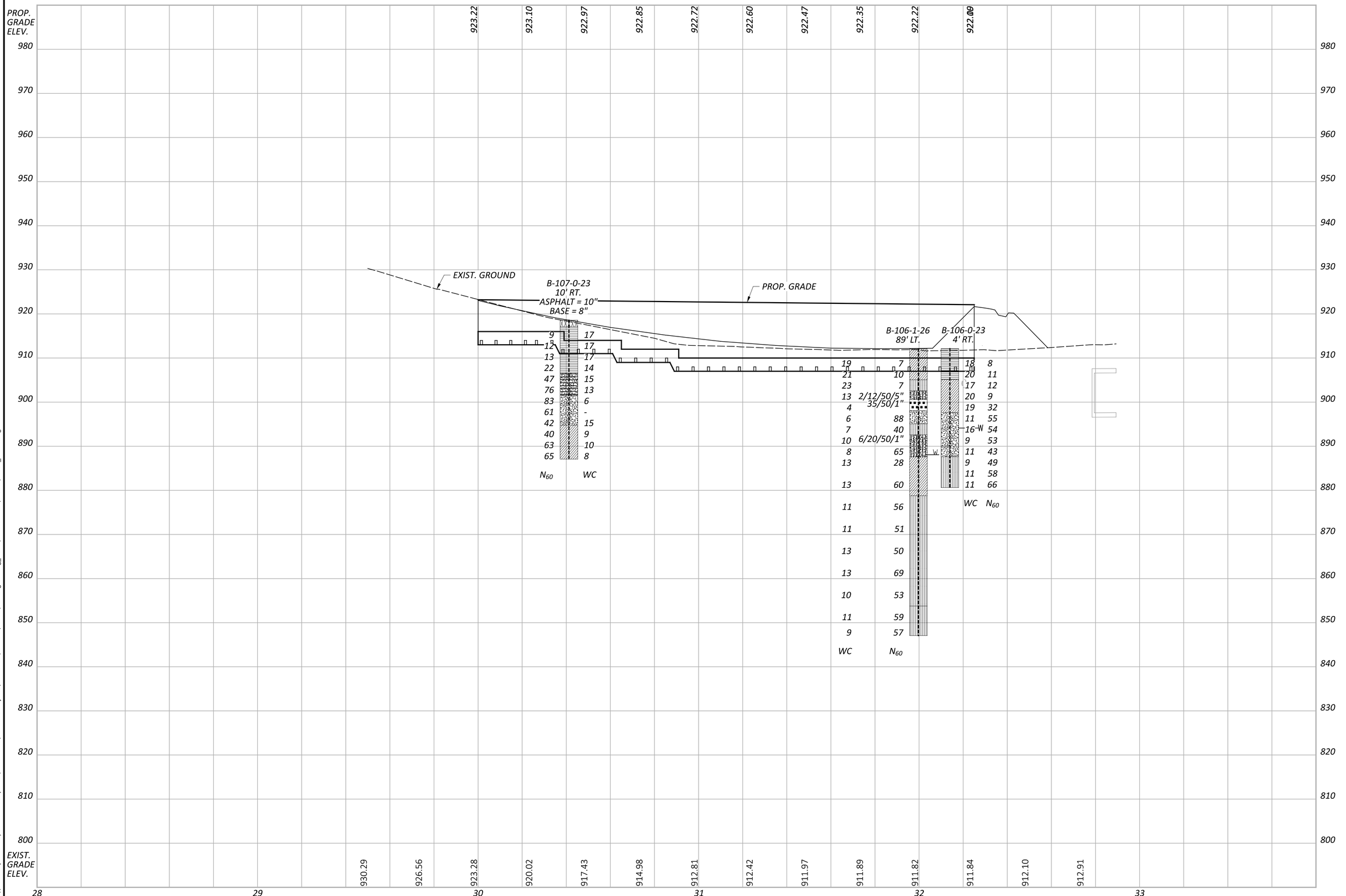

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD

DESIGN AGENCY
NEAS
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DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
74	206
SHEET	TOTAL
P.1892	P.2024

FAI/LIC-70-0.00-0.00

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FAI/LIC-70-0.00-0.00

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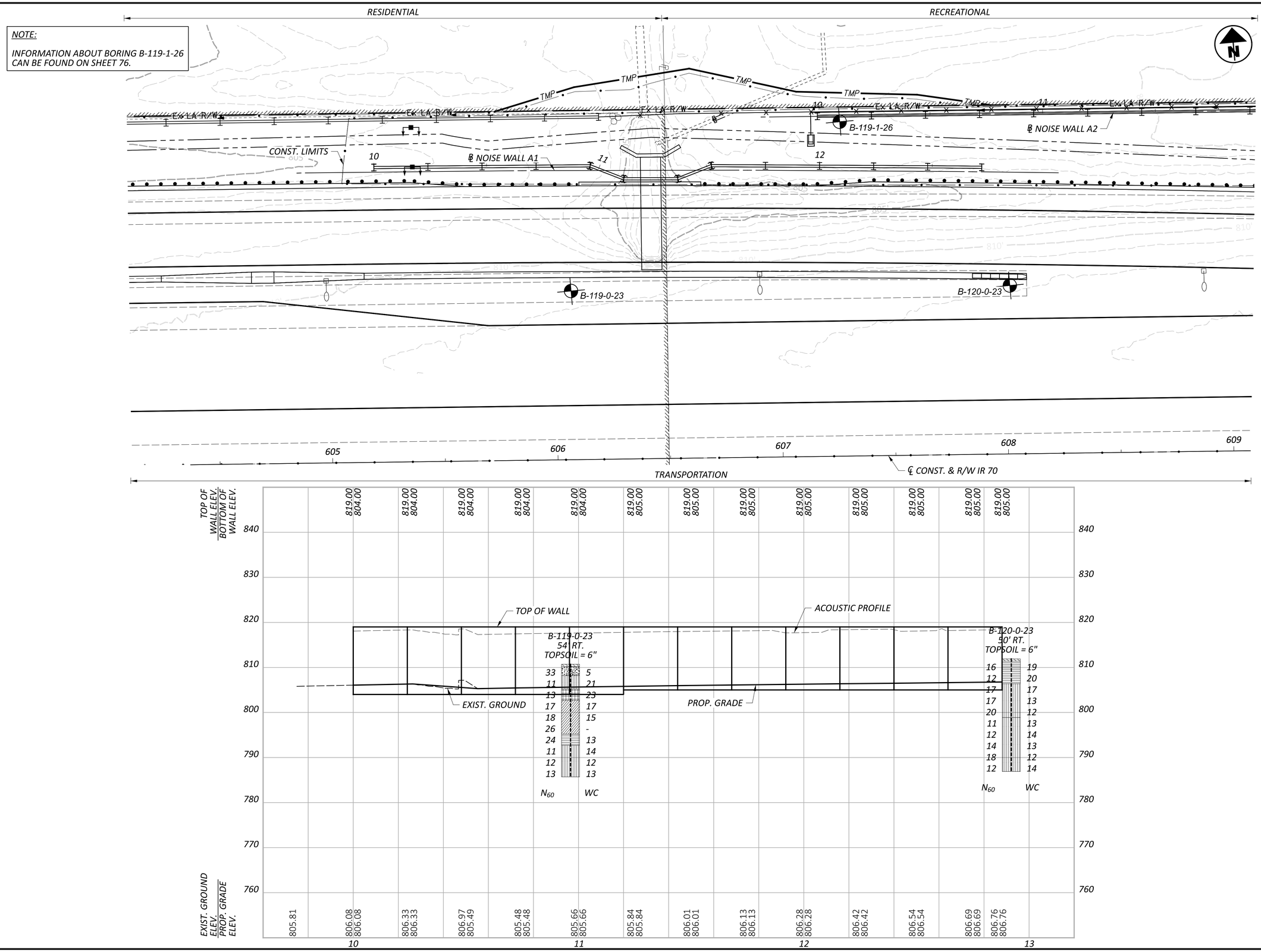

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A1 - STA. 9+00 TO STA. 14+00

DESIGN AGENCY
NEAS
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2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 75 TOTAL 206
SHEET P.1893 TOTAL P.2024

MODEL: 96808_JP4201 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:14:25 PM PLTDRV: OHDOT_PDF.plotcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

RECREATIONAL

TRANSPORTATION

TMP

CONST. LIMITS

℄ NOISE WALL A1

℄ NOISE WALL A2

B-119-1-26

B-120-0-23

B-121-0-23

B-121-1-26

MATCH LINE STA. 14+00

℄ CONST. & R/W IR 70

607 608 609 610 611

10 11 12 13 14

TOP OF WALL ELEV. / BOTTOM OF WALL ELEV.

822.50 / 806.50 | 822.50 / 806.50 | 823.00 / 807.00 | 823.00 / 807.00 | 823.00 / 807.00 | 823.00 / 807.00 | 823.00 / 807.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 824.00 / 809.00 | 825.00 / 810.00

850 840 830 820 810 800 790 780 770

TOP OF WALL

ACOUSTIC PROFILE

EXIST. GROUND

PROP. GRADE

B-121-0-23
76' RT.
TOPSOIL = 6"

18	10
16	17
14	15
14	15
14	16
21	14
21	11
50/2	6
47	5
34	11
N_{60}	WC

EXIST. GROUND ELEV. / PROP. GRADE ELEV.

806.00 | 807.00 / 807.00 | 808.00 / 808.00 | 809.00 / 808.98 | 809.72 / 809.72 | 809.53 / 809.53 | 809.79 / 809.80 | 810.02 / 809.95 | 810.36 / 810.32 | 810.47 / 810.41 | 810.34 / 810.31 | 810.29 / 810.24 | 810.42 / 810.29 | 810.31 / 810.37 | 810.76 / 810.68 | 810.96 / 811.00 | 811.21 / 811.34 | 811.51 / 811.53

10 11 12 13 14

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 9+20 TO STA. 14+00

DESIGN AGENCY

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Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER: RS

REVIEWER: CH 08/21/26

PROJECT ID: 96808

SUBSET: 76 | TOTAL: 206

SHEET: P.1894 | TOTAL: P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_JP4202 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:14:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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RECREATIONAL

TRANSPORTATION

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 14+00 TO STA. 19+80

MATCH LINE STA. 14+00

MATCH LINE STA. 19+80

Ex. I.A. R/W

℄ NOISE WALL A2

CONST. LIMITS

℄ CONST. & R/W IR 70

B-122-0-23

B-123-0-23

B-123-1-26

B-124-0-24

612 613 614 615 616

14 15 16 17 18 19

	14	15	16	17	18	19
TOP OF WALL ELEV. / BOTTOM OF WALL ELEV.	825.00 / 810.00	825.00 / 810.00	825.00 / 810.00	826.00 / 812.00	826.00 / 812.00	827.00 / 812.00
	828.00 / 812.00	828.50 / 813.50	829.50 / 813.50	830.50 / 813.50	831.00 / 816.00	831.00 / 816.00
	831.00 / 816.00	831.00 / 816.00	832.00 / 818.00	832.00 / 818.00	832.00 / 818.00	
EXIST. GROUND ELEV. / PROP. GRADE ELEV.	811.78 / 811.78	812.00 / 812.10	812.29 / 812.30	812.55 / 812.59	812.75 / 812.69	812.44 / 812.50
	812.88 / 812.86	812.80 / 812.80	813.26 / 813.21	813.10 / 813.12	813.34 / 813.42	814.30 / 814.38
	815.41 / 815.28	816.62 / 816.29	816.85 / 816.82	817.29 / 817.20	817.44 / 817.64	818.12 / 818.21
	818.75 / 818.67	818.82 / 818.85	819.00 / 818.88	819.14 / 819.13	819.10 / 819.15	

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-122-0-23
75' RT.
TOPSOIL = 6"

N_{60}	WC
17	16
16	19
14	19
21	22
20	15
17	12
20	12
13	10
12	18
26	17

B-123-0-23
75' RT.
TOPSOIL = 5'

N_{60}	WC
15	10
12	22
11	21
19	11
21	12
27	8
21	9
28	9
52	10
23	11

B-124-0-24
73' RT.
TOPSOIL = 5"

N_{60}	WC
11	19
9	19
11	15
8	13
9	11
16	12
15	11
21	9
49	8
23	9

850 840 830 820 810 800 790 780 770

DESIGN AGENCY

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(614) 714-0299
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	77
TOTAL	206
SHEET	P.1895
TOTAL	P.2024

MODEL: 96808_IP4203 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:15:02 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

RECREATIONAL

CONST. LIMITS

℄ NOISE WALL A2

B-125-1-26

MATCH LINE STA. 19+80

MATCH LINE STA. 25+60

B-125-0-23

B-126-0-23

B-127-0-23

CONST. LIMITS

CONST. LIMITS

℄ CONST. & R/W IR 70

TRANSPORTATION

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-125-0-24
71' RT.
TOPSOIL = 5"

N_{60}	WC
20	10
15	13
17	11
12	10
17	10
28	10
43	9
56	8
64	8
79	8

B-126-0-23
74' RT.
TOPSOIL = 5"

N_{60}	WC
21	8
17	10
23	11
23	10
23	9
32	9
32	-
43	8
43	9
57	8

B-127-0-23
80' RT.
TOPSOIL = 5"

N_{60}	WC
45	7
23	9
20	12
21	10
23	10
19	9
20	10
23	10
53	8
44	9

	20	21	22	23	24	25
TOP OF WALL ELEV. / BOTTOM OF WALL ELEV.	833.00 / 818.00	834.00 / 820.00	835.00 / 820.00	836.00 / 820.00	836.50 / 822.50	837.50 / 822.50
	837.50 / 822.50	838.00 / 824.00	839.00 / 824.00	840.00 / 824.00	841.00 / 826.00	842.00 / 826.00
	842.00 / 826.00	842.50 / 828.50	843.50 / 828.50	843.50 / 828.50	844.50 / 828.50	845.50 / 830.50
	845.50 / 830.50	845.50 / 830.50	845.50 / 830.50			
EXIST. GROUND ELEV. / PROP. GRADE ELEV.	819.11 / 819.26	819.75 / 819.63	820.16 / 820.22	821.20 / 821.01	821.71 / 821.92	822.88 / 822.72
	823.61 / 823.60	824.26 / 824.22	824.93 / 824.75	825.60 / 825.53	826.14 / 826.32	827.19 / 827.11
	827.75 / 827.82	828.51 / 828.48	829.28 / 829.16	829.86 / 829.76	830.16 / 830.16	830.86 / 830.84
	831.20 / 831.22	832.23 / 832.19	832.56 / 832.56	833.14 / 833.12	832.90 / 832.89	

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 19+80 TO STA. 25+60

DESIGN AGENCY
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National Engineering & Architectural Services Inc.
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Columbus, OH, 43231
(614) 774-0039
www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 78 TOTAL 206
SHEET P.1896 TOTAL P.2024

MODEL: 96808_JP4204 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:15:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

RECREATIONAL

WOODED

MATCH LINE STA. 25+60

MATCH LINE STA. 31+40

CONST. LIMITS

℄ NOISE WALL A2

B-127-1-26

B-128-0-23

B-129-0-23

B-129-1-26

B-130-0-23

Ex. L.A. R/W

CONST. LIMITS

℄ CONST. & R/W IR 70

TRANSPORTATION

HORIZONTAL SCALE IN FEET
0 10 20 40

	26		27		28		29		30		31	
TOP OF WALL ELEV.	845.50	845.50	846.50	847.50	848.50	849.50	850.50	851.00	852.00	853.00	853.50	853.50
BOTTOM OF WALL ELEV.	829.50	830.50	830.50	833.50	833.50	834.50	834.50	836.00	836.00	837.00	838.50	838.50
EXIST. GROUND ELEV.	831.98	829.79	830.37	831.33	833.34	834.27	835.01	835.57	836.19	836.99	838.12	839.14
PROP. GRADE ELEV.	831.89	830.00	830.25	831.62	833.24	834.32	834.96	835.53	836.21	837.03	838.17	839.05

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-128-0-23
82' RT.
TOPSOIL = 6"

N_{60}	WC
15	9
29	15
21	9
28	19
25	12
27	12
24	9
28	11
23	10
28	14
17/41/50/3"	

W

B-129-0-23
79' RT.
ASPHALT = 8"
GRANULAR BASE = 54.0"

N_{60}	WC
79	3
40	6
19	10
27	13
28	15
27	15
25	11
25	10
28	21
31	24

W

B-130-0-23
79' RT.
TOPSOIL = 5"

N_{60}	WC
34	9
27	10
30	11
15	10
12	12
15	12
25	11
71	8
139	7
14/49/50/3"	7

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 25+60 TO STA. 31+40

DESIGN AGENCY

NEAS
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www.neasinc.com

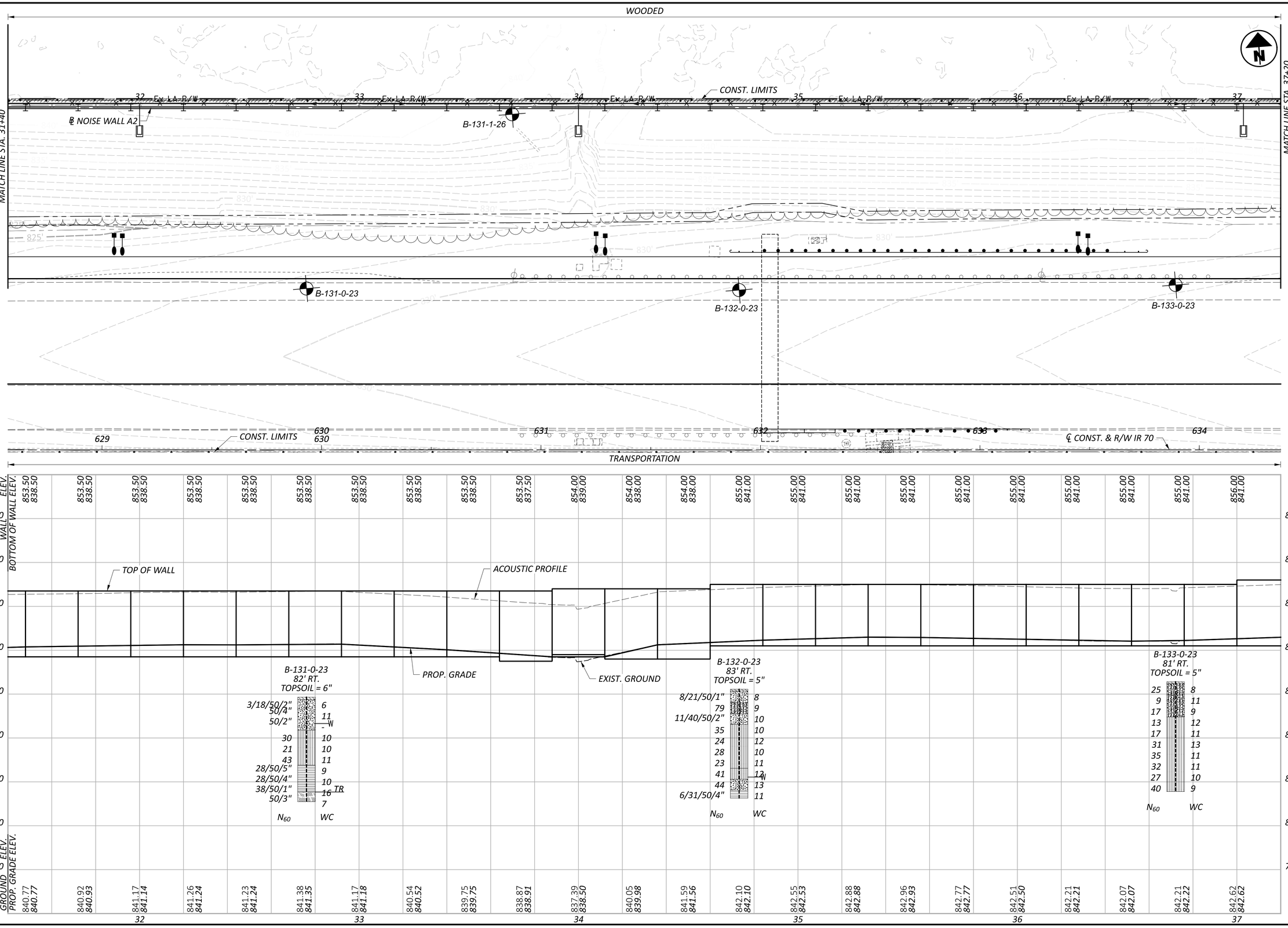
DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 79 TOTAL 206

SHEET P.1897 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 31+40 TO STA. 37+20

DESIGN AGENCY
NEAS
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www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 80 TOTAL 206
SHEET P.1898 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP4205 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:15:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

WOODED

CONST. LIMITS

Ex. L.A. R/W

℄ NOISE WALL A2

B-133-1-26

B-135-1-26

MATCH LINE STA. 37+20

MATCH LINE STA. 43+00

B-134-0-23

B-135-0-23

B-001-0-23

B-136-0-23

NOTE:
INFORMATION ABOUT BORING B-001-0-23 CAN BE FOUND ON SHEET 13.

CONST. LIMITS

℄ CONST. & R/W IR 70

TRANSPORTATION

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-134-0-23
83' RT.
TOPSOIL = 5"

N_{60}	WC
33	4
27	7
10	7
13	12
24	9
19	10
25	14
22	11
16	10
19	12

B-135-0-23
83' RT.
TOPSOIL = 5"

N_{60}	WC
30	9
43	8
19	8
10	10
71	11
24	10
21	9
21	9
27	10
33	11

B-136-0-23
81' RT.
TOPSOIL = 5"

N_{60}	WC
59	4
40	7
13	10
13	10
13	11
36	12
27	11
22	12
21	13
22	11

	38	39	40	41	42	43
TOP OF WALL ELEV.	856.00	857.00	858.00	859.00	860.00	861.00
BOTTOM OF WALL ELEV.	841.00	841.00	844.00	844.00	846.00	846.00
PROP. GRADE ELEV.	843.03	844.01	844.82	845.76	846.94	848.57
EXIST. GROUND ELEV.	843.03	844.01	844.82	845.76	846.94	848.59

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 37+20 TO STA. 43+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 774-0200
www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 81 TOTAL 206
SHEET P.1899 TOTAL P.2024

MODEL: 96808_IP4207 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:16:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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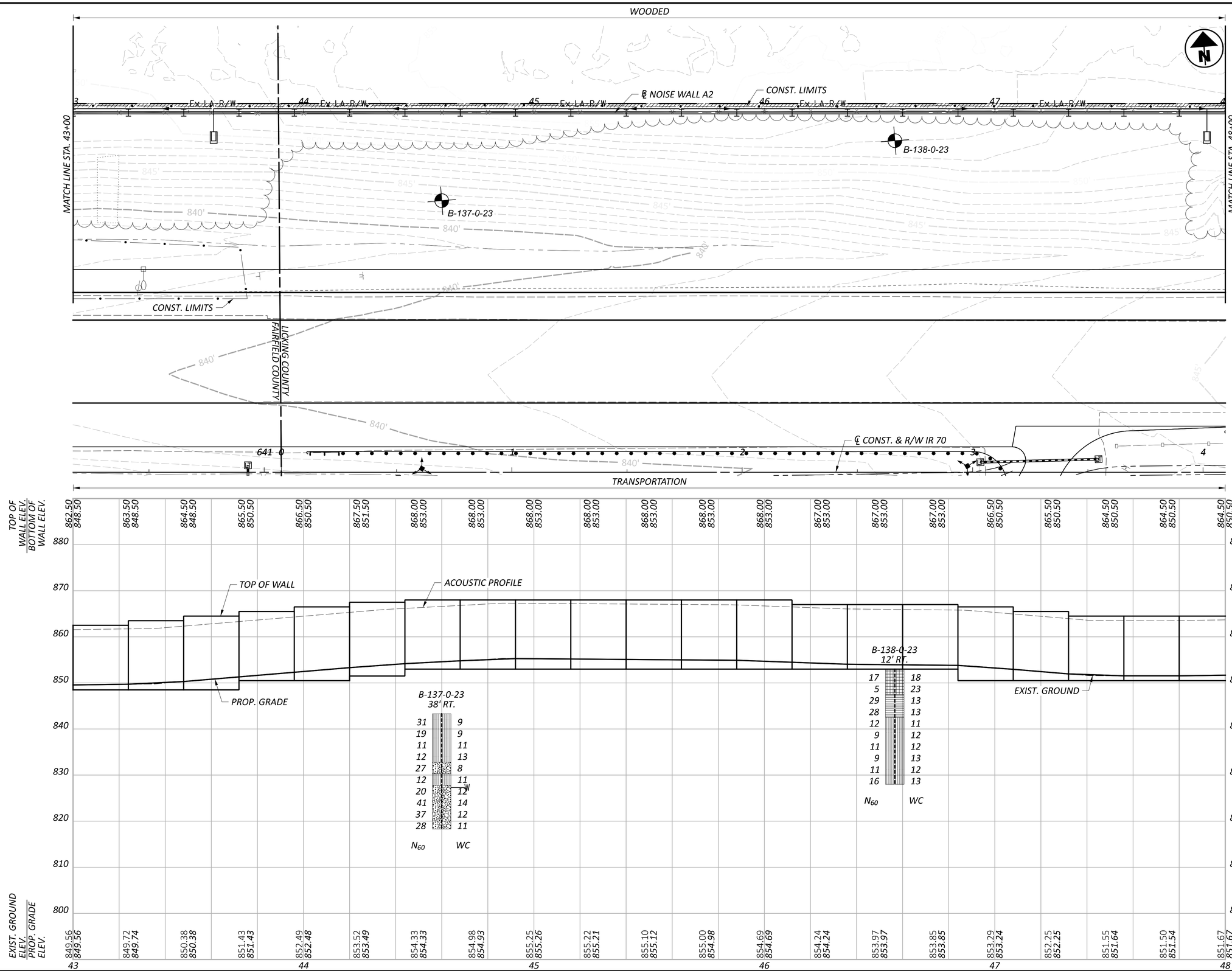
FAI/LIC-70-0.00-0.00



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 43+00 TO STA. 48+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
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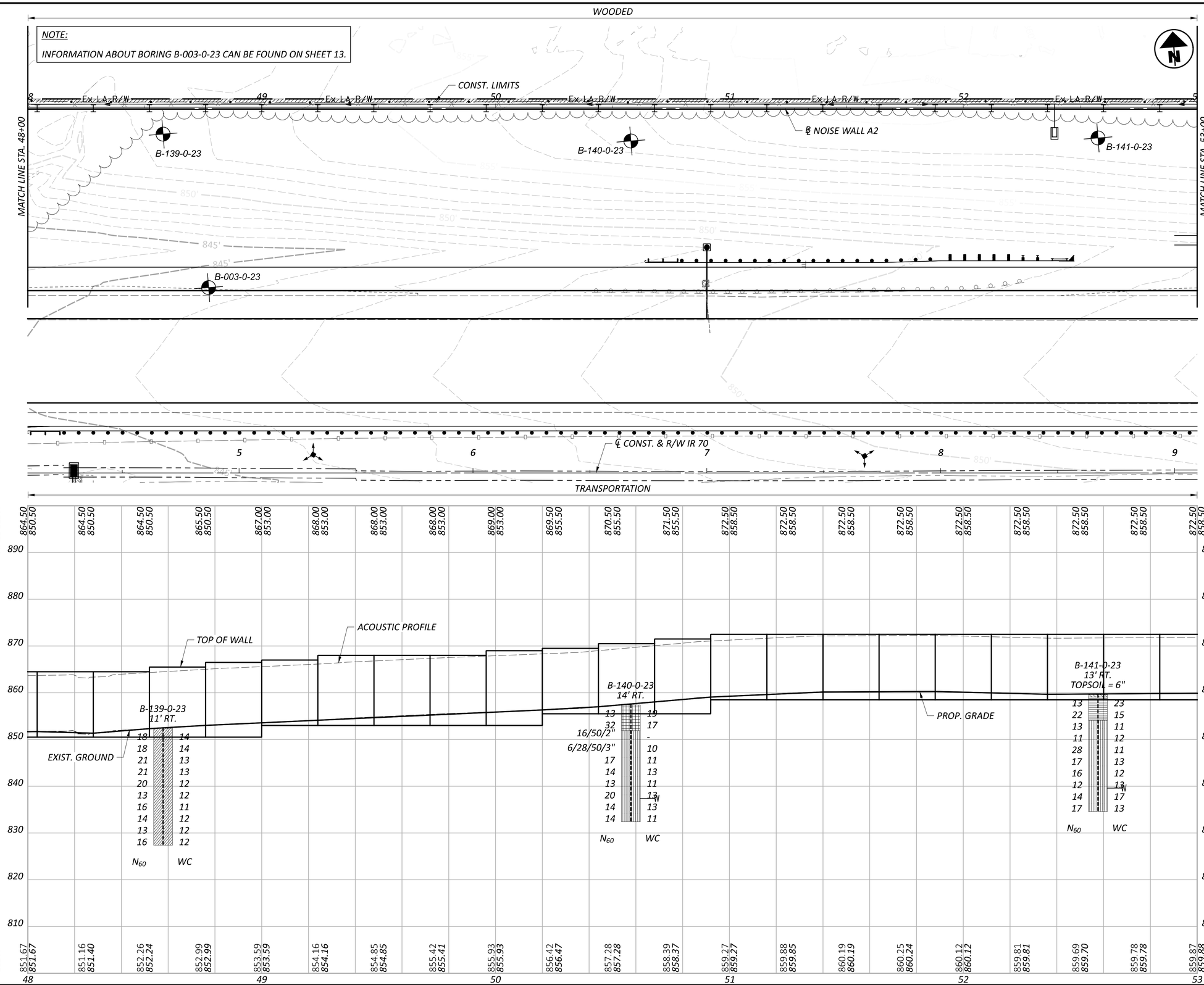
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 82 TOTAL 206
SHEET P.1900 TOTAL P.2024

MODEL: 96808_JP4208 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:16:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\v04-Engineering_NEAS\Geotechnical\Sheets\96808_JP4208.dgn

FAI/LIC-70-0.00-0.00



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 48+00 TO STA. 53+00

DESIGN AGENCY
NEAS
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Suite 240
Columbus, OH, 43231
(614) 774-0099
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	83
TOTAL	206
SHEET	P.1901
TOTAL	P.2024

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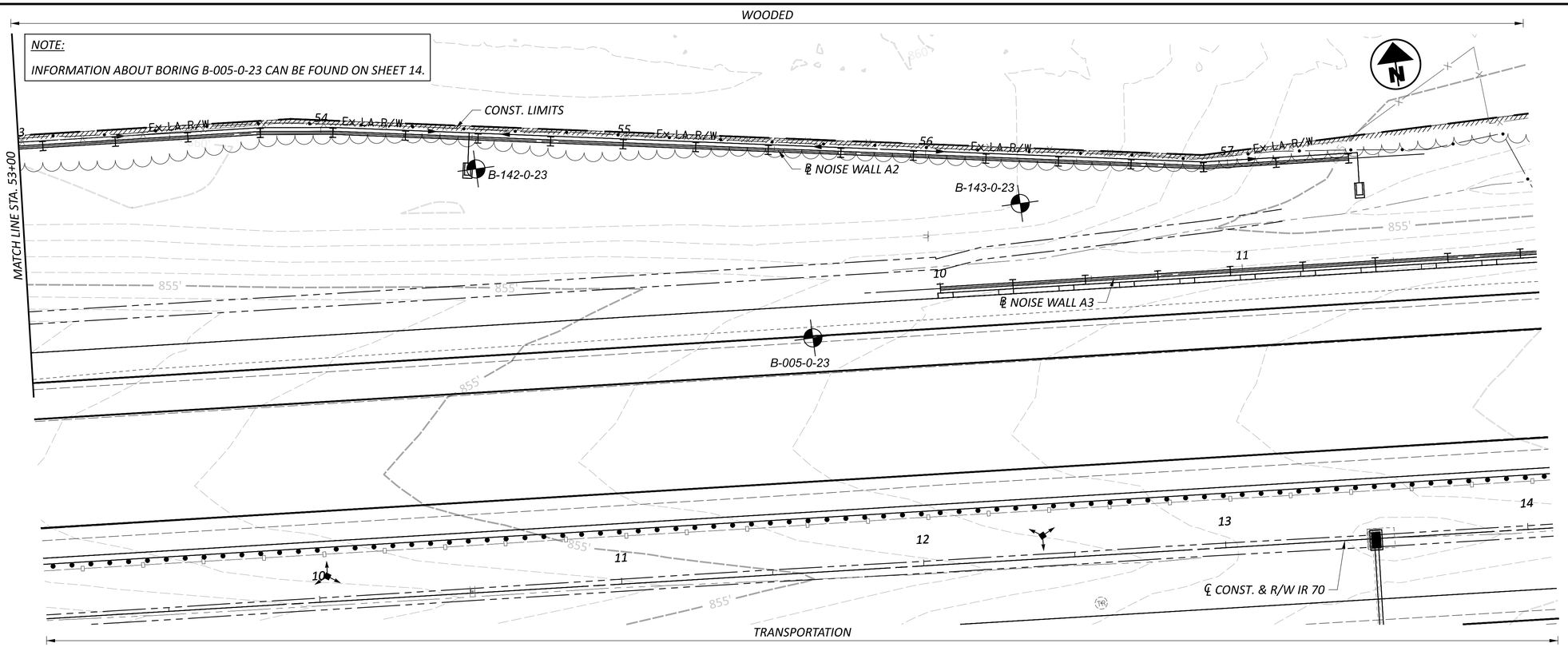
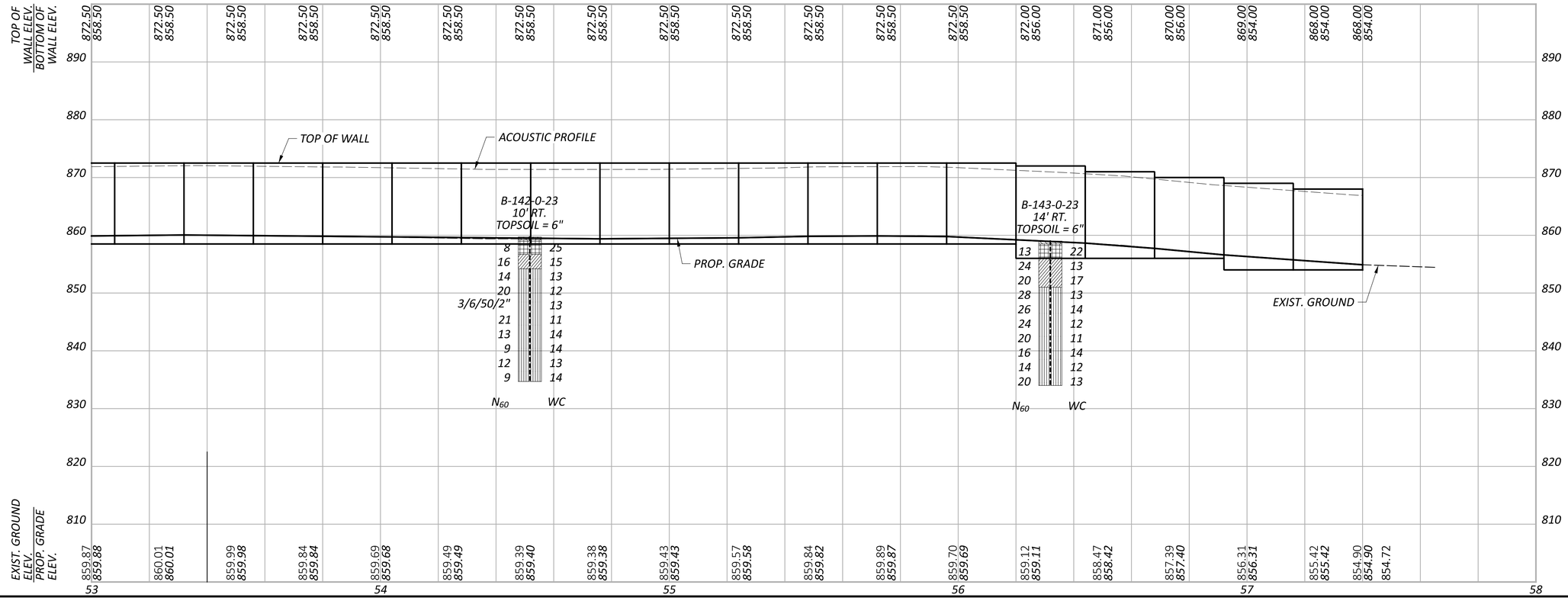
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2 - STA. 53+00 TO STA. 58+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 774-0099
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET / TOTAL	84 / 206
SHEET / TOTAL	P.1902 / P.2024

NOTE:

INFORMATION ABOUT BORING B-143-0-23 CAN BE FOUND ON SHEET 84.

WOODED

℄ NOISE WALL A2

56

Ex LA R/W

57

B-143-0-23

CONST. LIMITS

855'

10 11 12 13 14 15

℄ NOISE WALL A3

B-144-0-23

B-145-0-23

MATCH LINE STA. 15+60

12 13 14 15 16 17

℄ CONST. & R/W IR 70

TRANSPORTATION

TOP OF WALL ELEV.

BOTTOM OF WALL ELEV.

870.00 856.00 | 870.00 856.00 | 870.00 856.00 | 871.00 856.00 | 871.00 856.00 | 871.00 856.00 | 872.00 856.00 | 872.00 856.00 | 872.00 856.00 | 872.00 856.00 | 873.00 859.00 | 873.00 859.00 | 873.00 859.00 | 874.00 859.00 | 874.00 859.00 | 874.00 859.00 | 874.50 860.50 | 874.50 860.50 | 874.50 860.50 | 874.50 860.50 | 874.50 860.50 | 874.50 860.50 | 875.50 861.50

890 880 870 860 850 840 830 820 810

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-144-0-23
3' RT.
TOPSOIL = 5"

N_{60}	WC
12	14
18	-
22	17
9	27
16	14
16	13
19	14
50/2"	-
25	17
30	15

B-145-0-23
5' RT.
TOPSOIL = 5"

N_{60}	WC
18	16
19	13
16	15
25	12
49	14
61	14
22	13
36	14
16	12
15	12

EXIST. GROUND ELEV. / PROP. GRADE ELEV.

856.73 / 856.93 | 856.92 / 857.29 | 857.09 / 857.64 | 857.11 / 858.00 | 857.25 / 858.32 | 857.35 / 858.60 | 857.50 / 858.89 | 857.65 / 859.17 | 857.91 / 859.43 | 858.23 / 859.71 | 858.56 / 859.99 | 858.71 / 860.25 | 858.87 / 860.50 | 859.05 / 860.72 | 859.25 / 860.93 | 859.47 / 861.13 | 859.68 / 861.30 | 859.84 / 861.47 | 860.10 / 861.63 | 860.42 / 861.82 | 860.71 / 862.02 | 861.08 / 862.18 | 861.39 / 862.34

10 11 12 13 14 15

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A3 - STA. 9+80 TO STA. 15+60

DESIGN AGENCY
NEAS
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2800 Corporate Exchange Drive
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Columbus, OH, 43231
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www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 85 | TOTAL 206
SHEET P.1903 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

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NOTE:

INFORMATION ABOUT BORING B-007-0-23 CAN BE FOUND ON SHEET 15.

WOODED

LA R/W

Ex. LA R/W

CONST. LIMITS

℄ NOISE WALL A4

℄ NOISE WALL A3

MATCH LINE STA. 15+60

B-146-0-23

B-007-0-23

B-147-0-23

B-148-0-23

℄ CONST. & R/W IR 70

TRANSPORTATION

TOP OF WALL

ACOUSTIC PROFILE

PROP. GRADE

EXIST. GROUND

B-146-0-23
5' RT.
TOPSOIL = 5"

B-147-0-23
6' RT.
TOPSOIL = 12"

B-148-0-23
7' RT.
TOPSOIL = 12"

N_{60} WC

	TOP OF WALL ELEV.	BOTTOM OF WALL ELEV.	EXIST. GROUND ELEV.	PROP. GRADE ELEV.
16	875.50	861.50	861.65	862.48
	875.50	861.50	861.93	862.62
	875.50	861.50	862.10	862.79
17	876.00	862.00	862.16	862.93
	876.00	862.00	862.22	863.03
	876.00	862.00	862.04	863.10
18	876.00	862.00	861.84	863.15
	876.00	862.00	861.94	863.21
	876.00	862.00	861.98	863.26
	876.00	862.00	862.14	863.32
	876.00	862.00	862.20	863.39
19	876.00	862.00	862.31	863.47
	876.00	862.00	862.37	863.53
	876.00	862.00	862.24	863.56
20	876.00	862.00	862.06	863.57
	876.00	862.00	862.22	863.58
	876.00	862.00	862.15	863.59
	876.00	862.00	862.24	863.60
21	876.00	862.00	862.29	863.58
	876.00	862.00	862.36	863.55
	876.00	862.00	862.46	863.50
	876.00	862.00	862.40	863.41
	876.00	862.00	862.35	863.29

	N_{60}	WC
B-146-0-23	16 13 18 13 12 15 13 10 21 22	16 16 18 17 21 27 23 21 14 14
B-147-0-23	21 15 18 10 15 21 22 30 16 18	12 12 20 16 18 14 14 14 14 12
B-148-0-23	12 10 21 25 22 21 27 13 19 18	15 21 17 14 15 15 14 13 11 11

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A3 - STA. 15+60 TO STA. 21+40

DESIGN AGENCY
NEAS
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2890 Corporate Exchange Drive
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Columbus, OH, 43231
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 86 TOTAL 206
SHEET P.1904 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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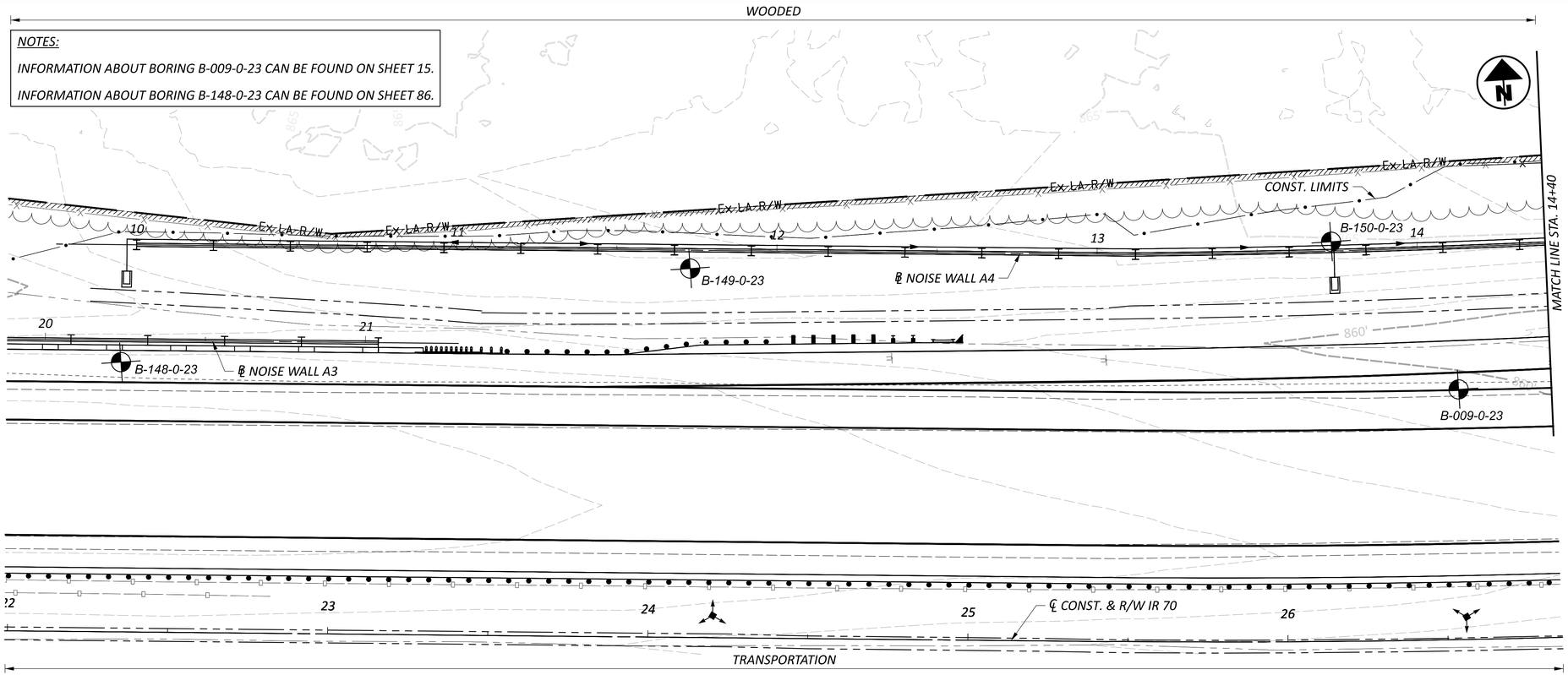
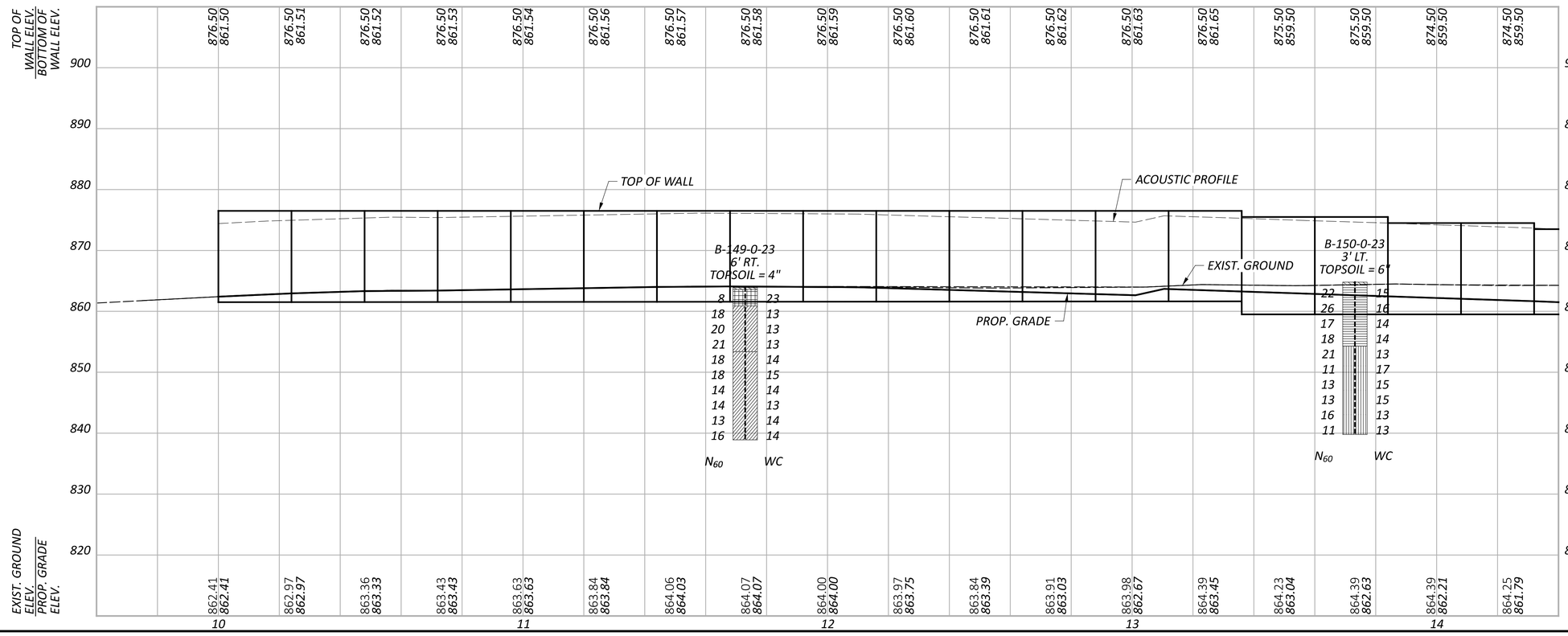
FAI/LIC-70-0.00-0.00

NOTES:

INFORMATION ABOUT BORING B-009-0-23 CAN BE FOUND ON SHEET 15.

INFORMATION ABOUT BORING B-148-0-23 CAN BE FOUND ON SHEET 86.





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A4 - STA. 9+60 TO STA. 14+40

DESIGN AGENCY
NEAS
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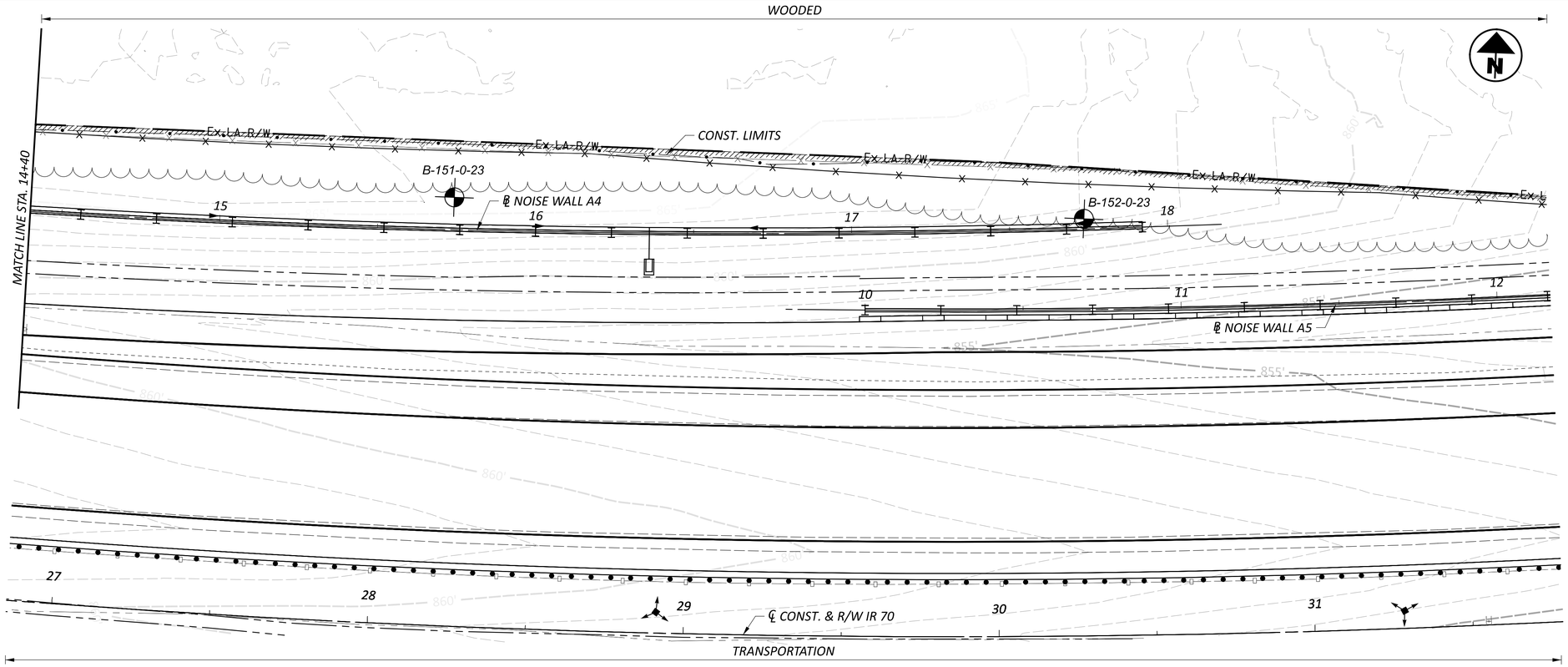
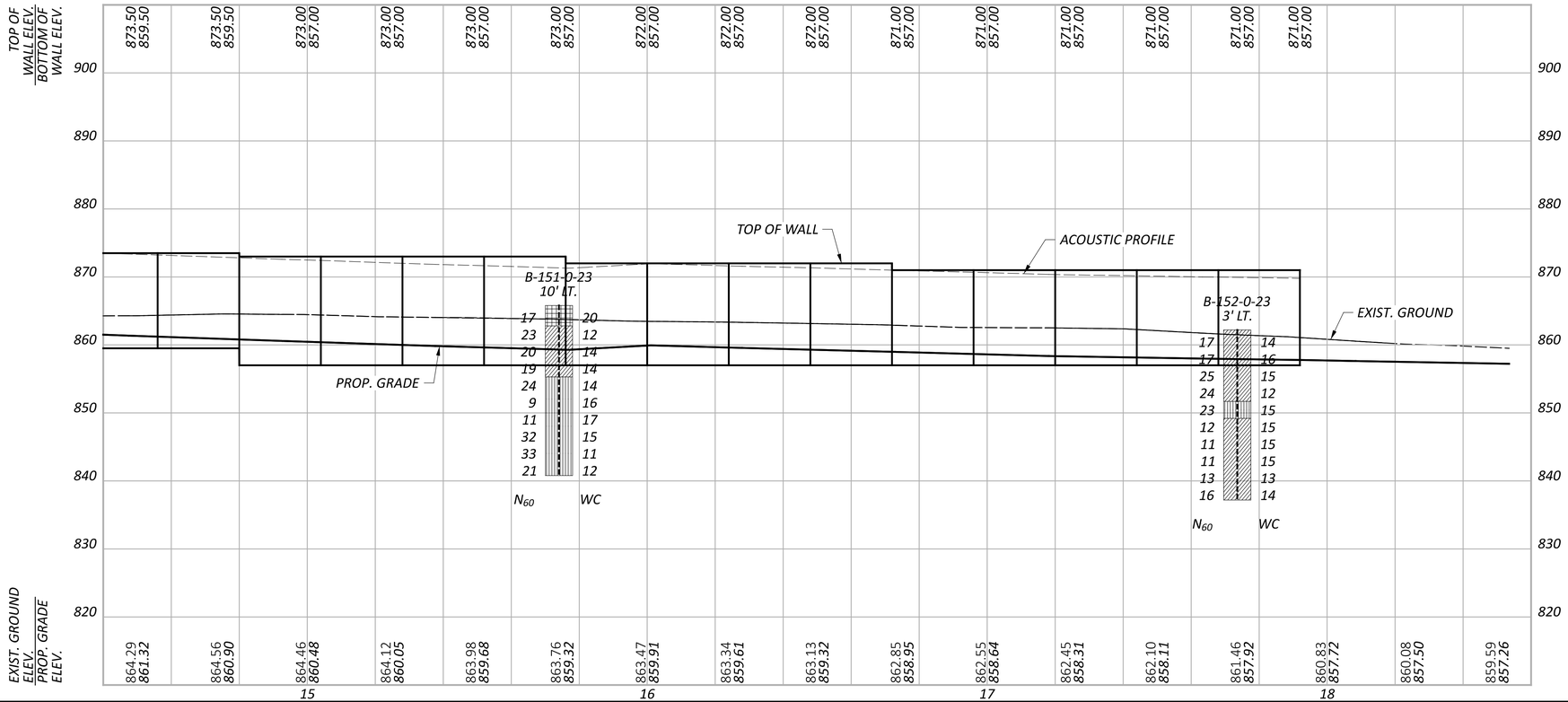
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 87 TOTAL 206
SHEET P.1905 TOTAL P.2024





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A4 - STA. 14+40 TO STA. 19+20

FAI/LIC-70-0.00-0.00

DESIGN AGENCY
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	88
TOTAL	206
SHEET	P.1906
TOTAL	P.2024

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FAI/LIC-70-0.00-0.00

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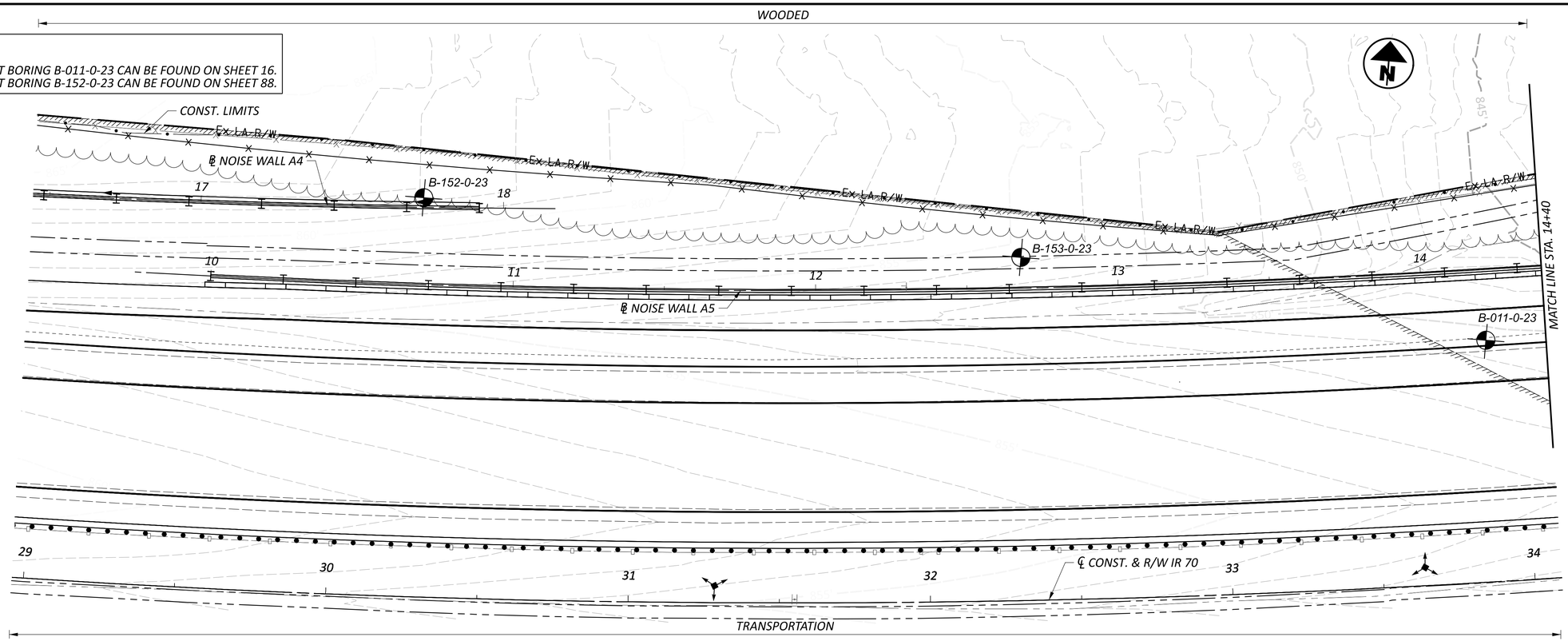
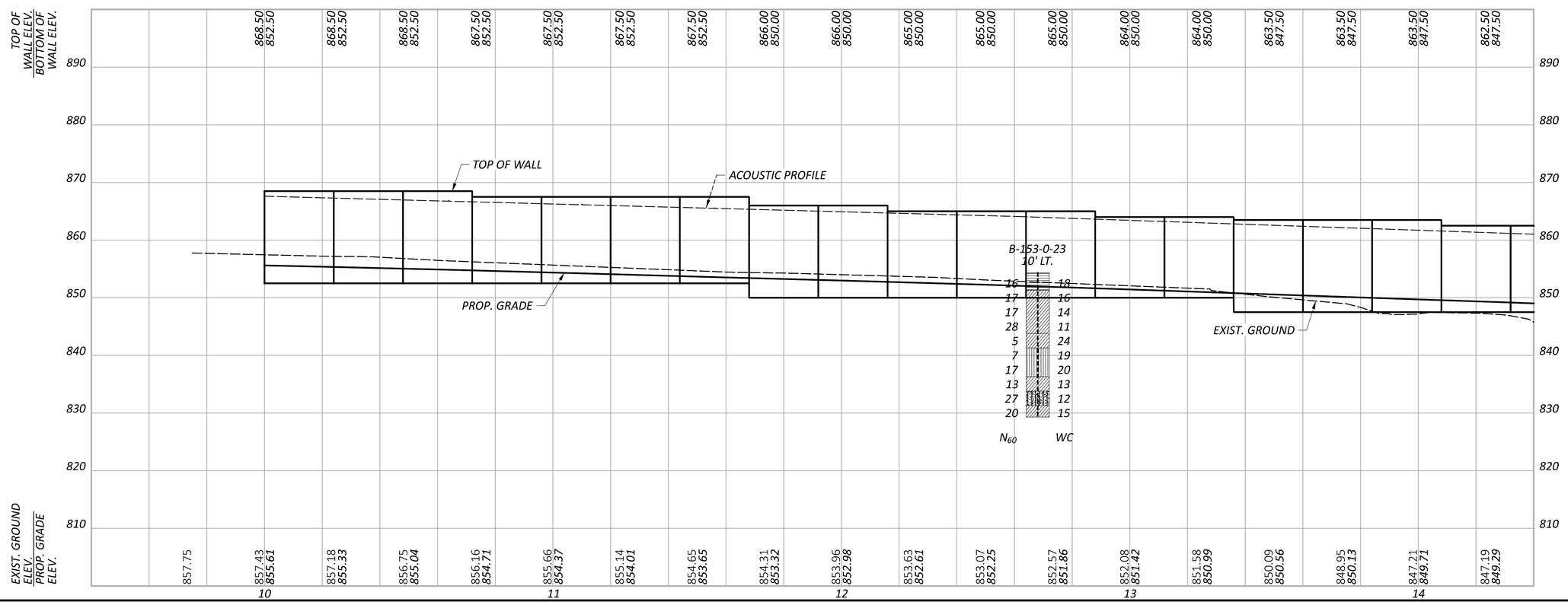
NOTES:

INFORMATION ABOUT BORING B-011-0-23 CAN BE FOUND ON SHEET 16.
INFORMATION ABOUT BORING B-152-0-23 CAN BE FOUND ON SHEET 88.





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A5 - STA. 9+40 TO STA. 14+40

DESIGN AGENCY

NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
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Columbus, OH. 43231
(614) 714-0299
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	89
TOTAL	206
SHEET	P.1907
TOTAL	P.2024

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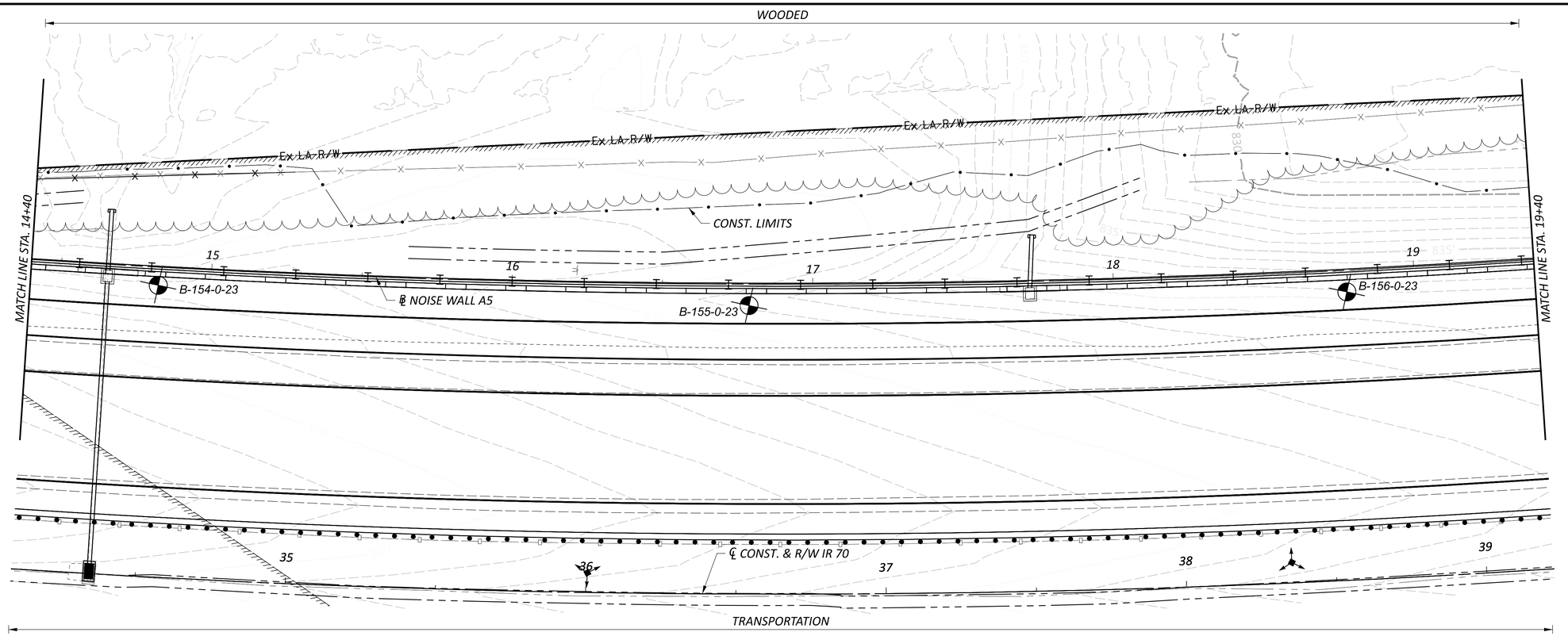
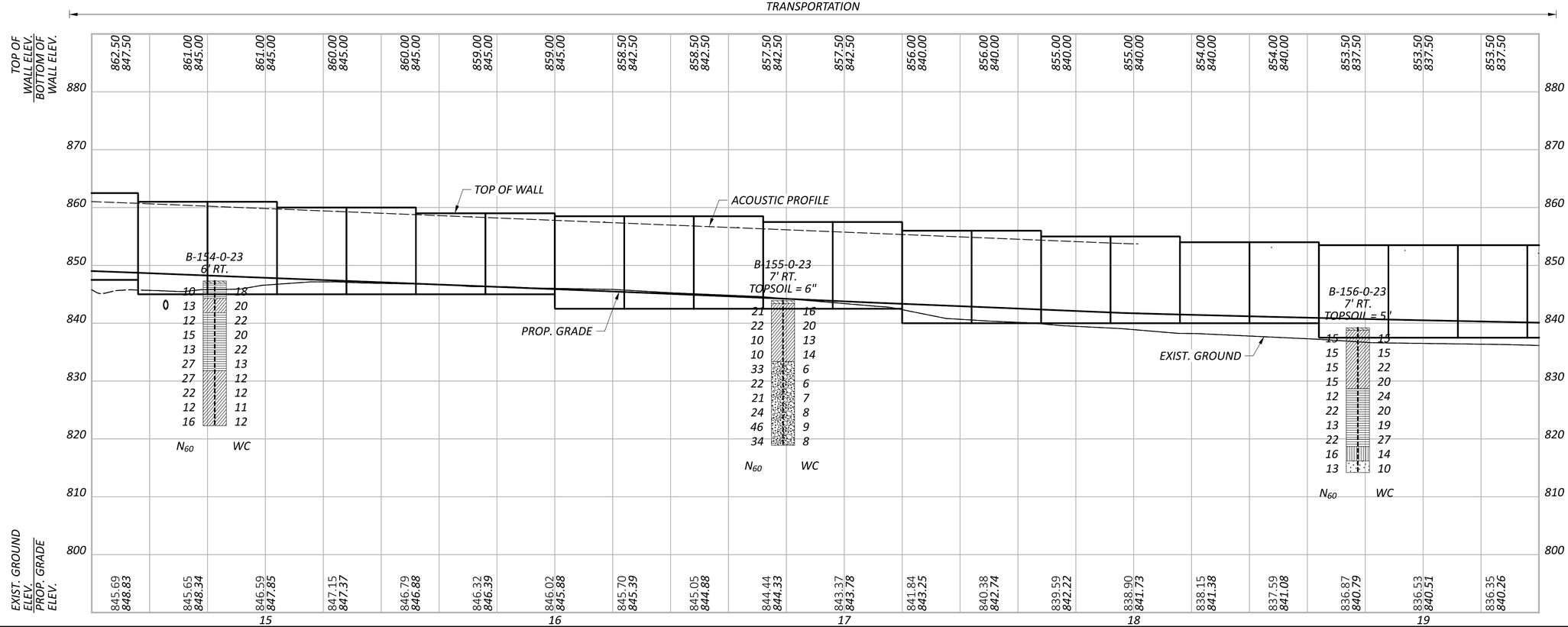
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

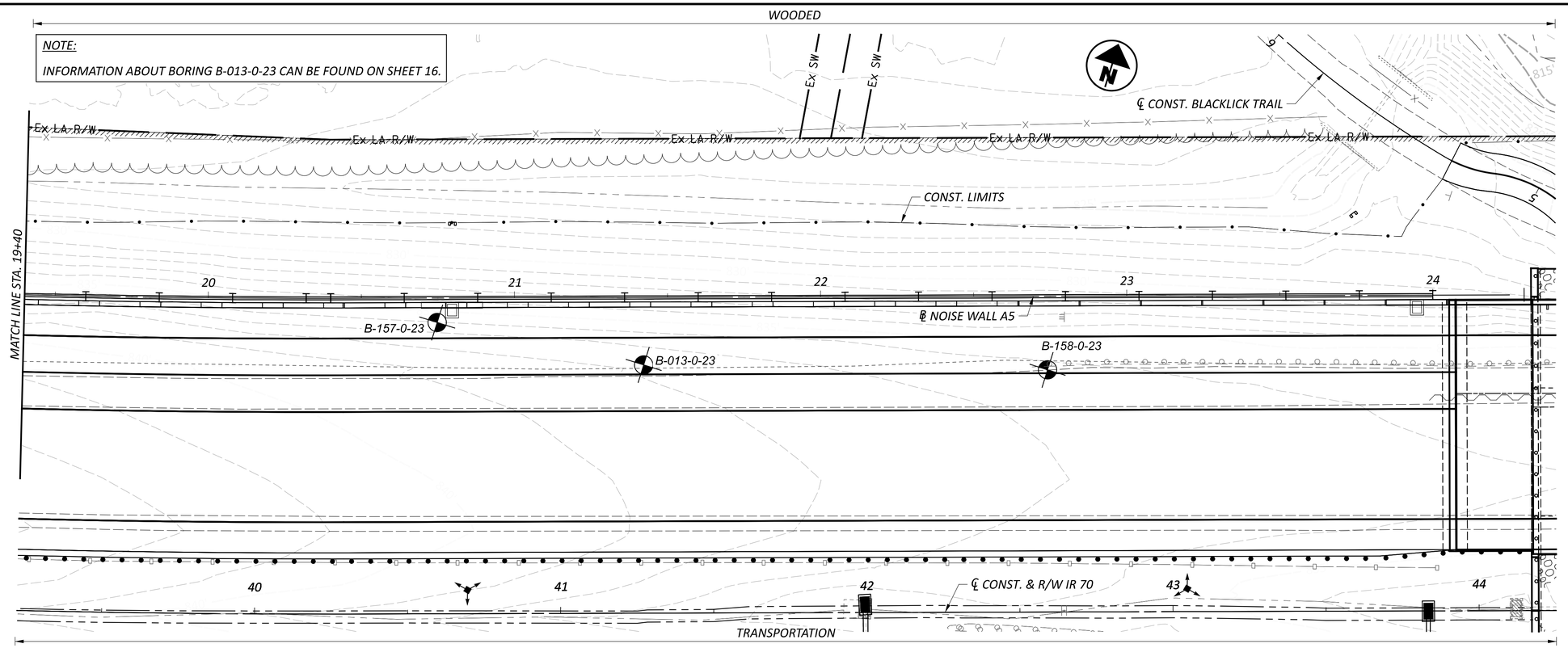
GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A5 - STA. 14+40 TO STA. 19+40

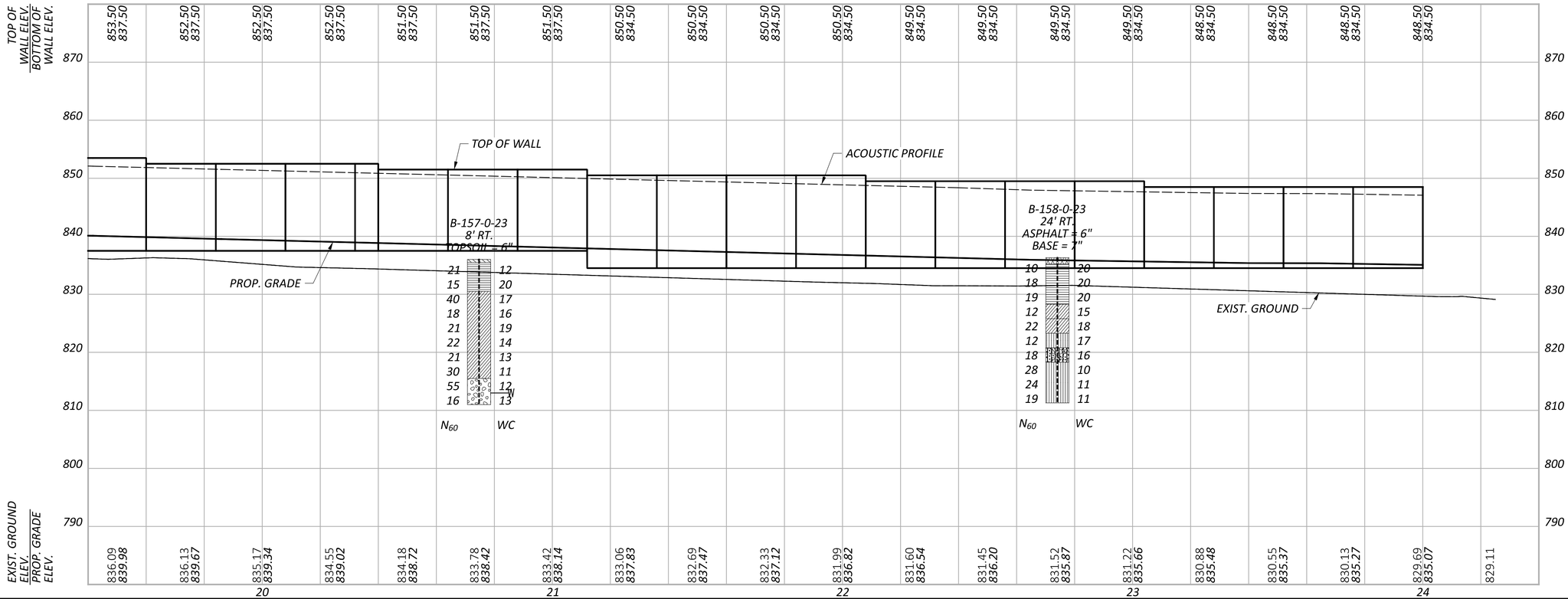
DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	90
TOTAL	206
SHEET	P.1908
TOTAL	P.2024

NOTE:

INFORMATION ABOUT BORING B-013-0-23 CAN BE FOUND ON SHEET 16.





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A5 - STA. 19+40 TO STA. 24+40

DESIGN AGENCY
NEAS
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 91 TOTAL 206
SHEET P.1909 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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FAI/LIC-70-0.00-0.00

TRANSPORTATION

℄ CONST. & R/W IR 70

B-159-0-23

B-160-0-23

B-161-0-23

℄ NOISE WALL B1

CONST. LIMITS

MATCH LINE STA. 15+20

Ex LA-R/W

COMMERCIAL

RESIDENTIAL

TOP OF WALL ELEV.
BOTTOM OF WALL ELEV.

EXIST. GROUND ELEV.
PROP. GRADE ELEV.

TOP OF WALL

PROP. GRADE

EXIST. GROUND

ACOUSTIC PROFILE

B-159-0-23
1' LT.

B-160-0-23
0' LT.

B-161-0-23
4' RT.

N_{60} WC

HORIZONTAL
SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1 - STA. 9+60 TO STA. 15+20

DESIGN AGENCY

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2800 Corporate Exchange Drive
Suite 240
Columbus, OH. 43231
(614) 714-0299
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	92
TOTAL	206
SHEET	P.1910
TOTAL	P.2024

MODEL: 96808_JP4602 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:20:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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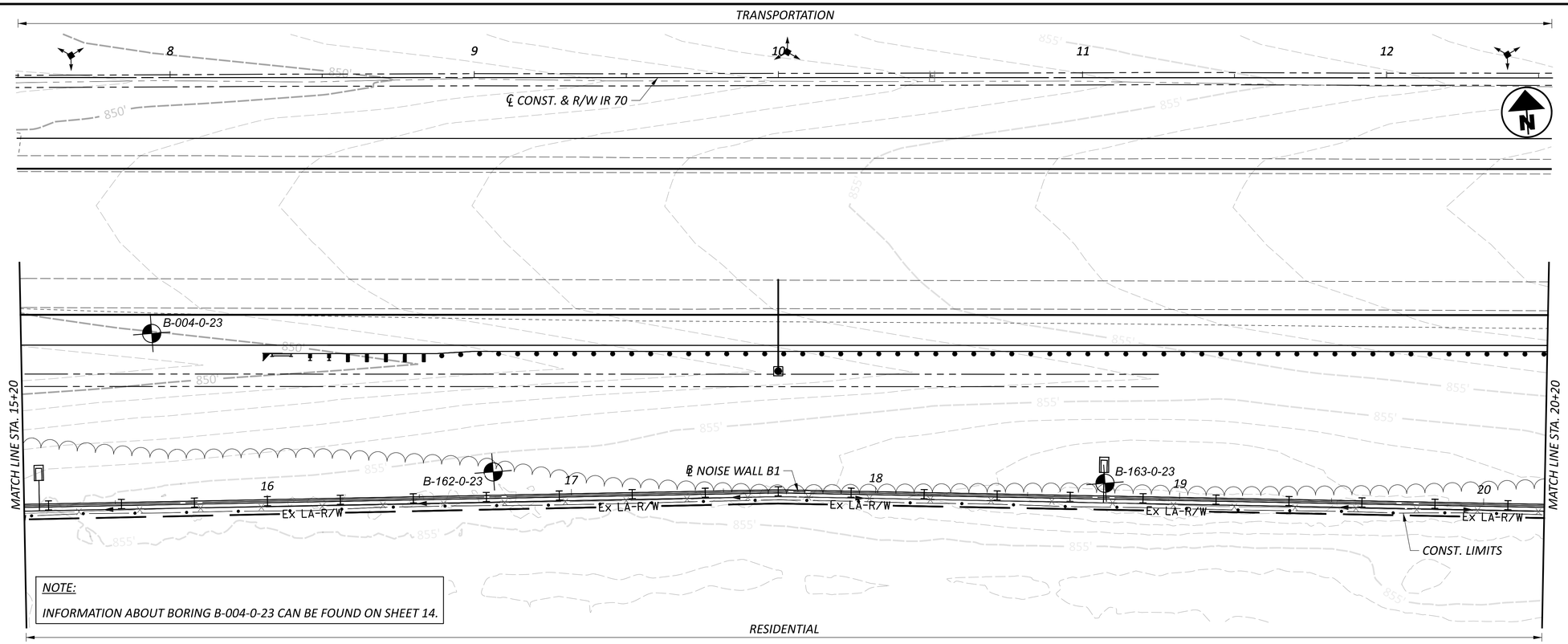
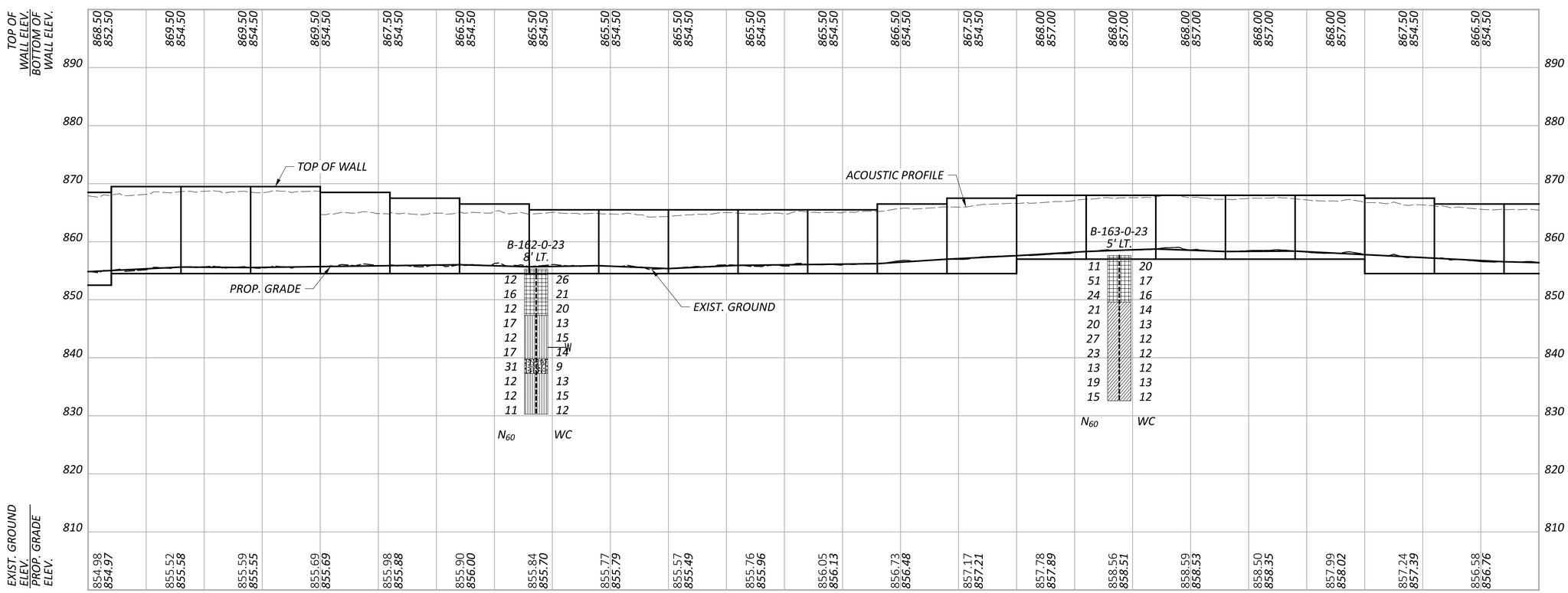
FAI/LIC-70-0.00-0.00



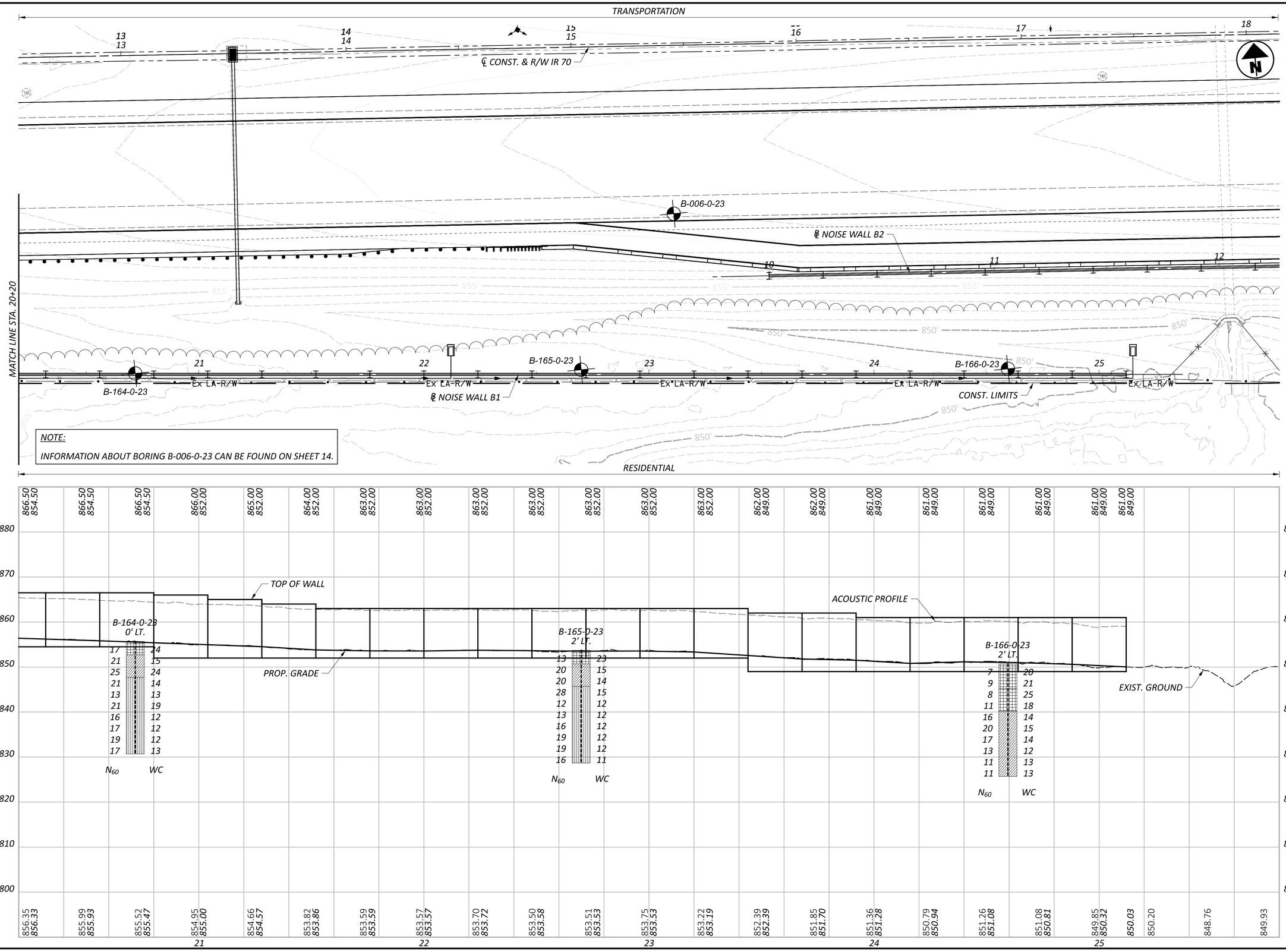


HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1 - STA. 15+20 TO STA. 20+20

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 774-0299
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	TOTAL
93	206
SHEET	TOTAL
P.1911	P.2024



NOTE:

INFORMATION ABOUT BORING B-006-0-23 CAN BE FOUND ON SHEET 14.

HORIZONTAL SCALE IN FEET

0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1 - STA. 20+20 TO STA. 25+80

DESIGN AGENCY

NEAS

National Engineering & Architectural Services Inc.

2800 Corporate Exchange Drive
Suite 240
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	94
TOTAL	206
SHEET	P.1912
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

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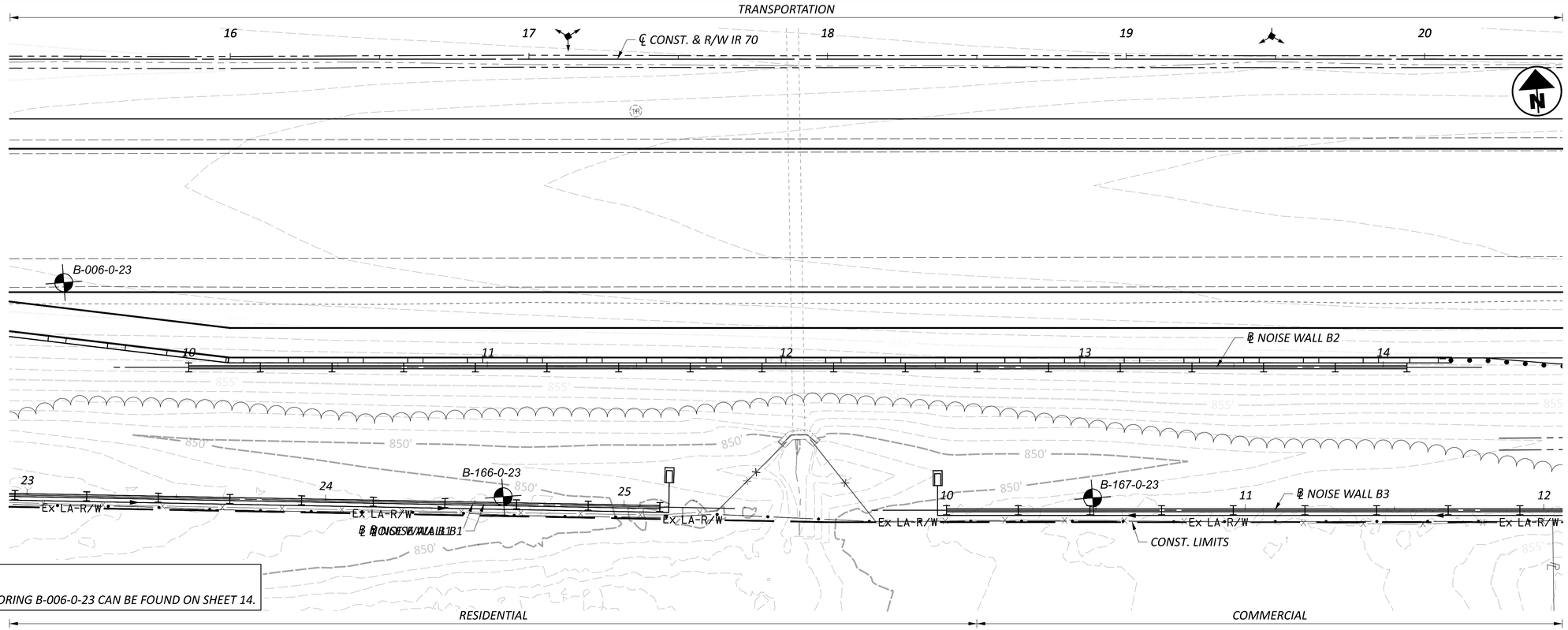
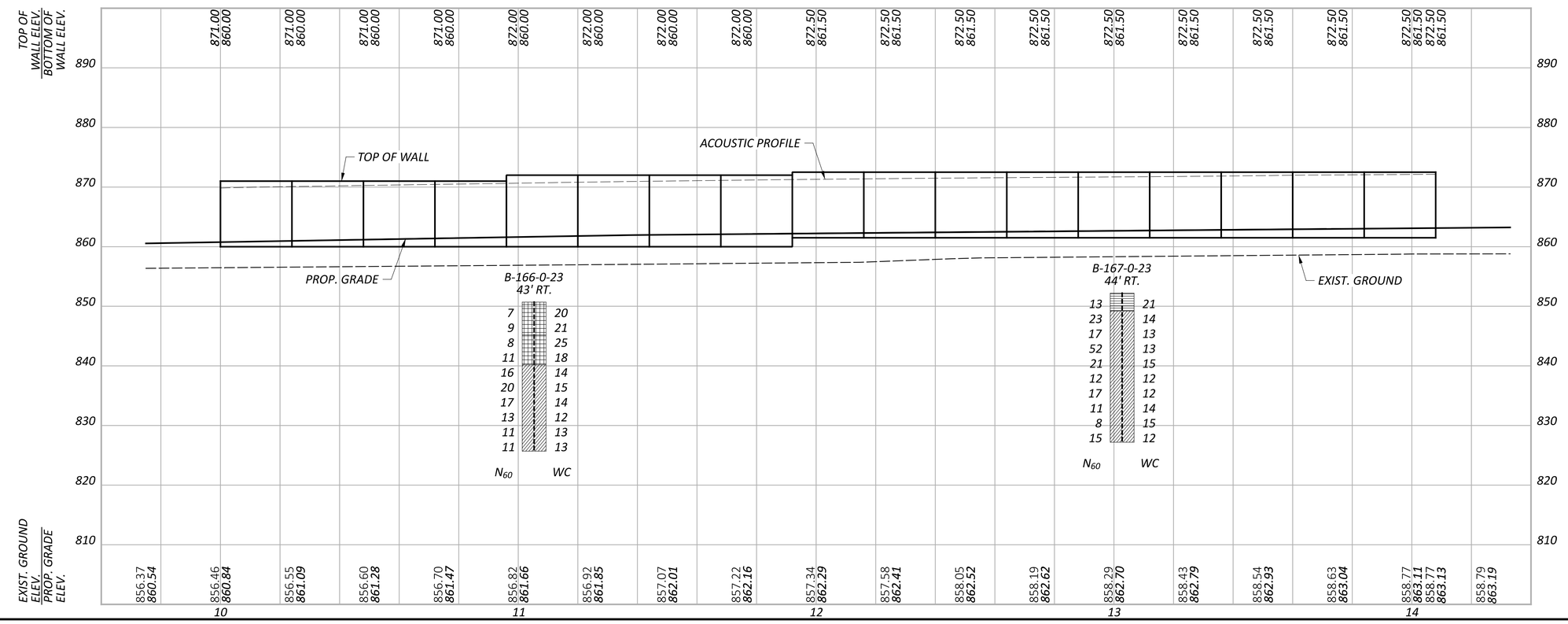
FAI/LIC-70-0.00-0.00



NOTE:

INFORMATION ABOUT BORING B-006-0-23 CAN BE FOUND ON SHEET 14.

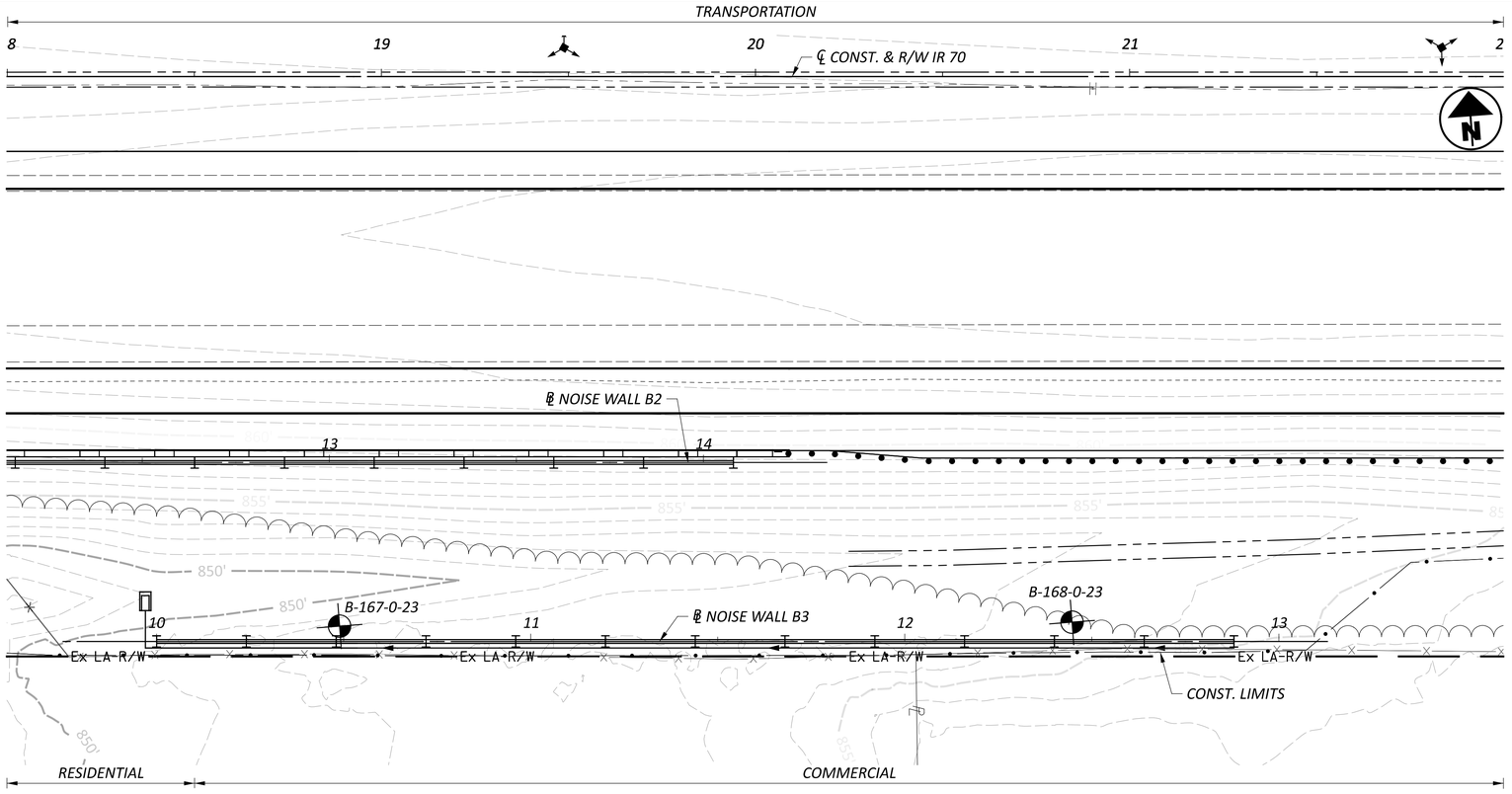


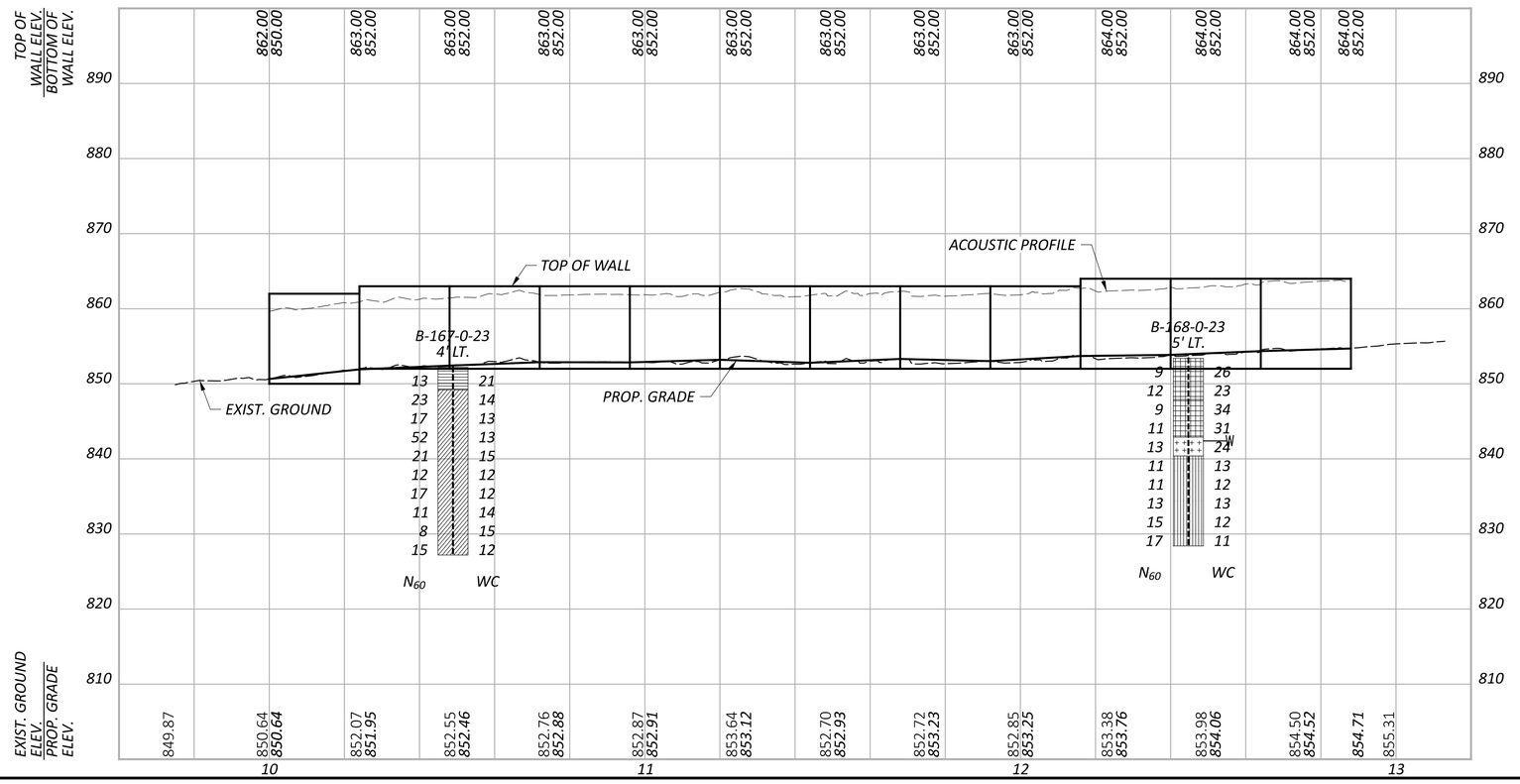
HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B2 - STA. 9+40 TO STA. 14+60

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH. 43231
(614) 714-0299
www.measinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 95 TOTAL 206
SHEET P.1913 TOTAL P.2024





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B3 - STA. 9+60 TO STA. 13+60

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 96 TOTAL 206
SHEET P.1914 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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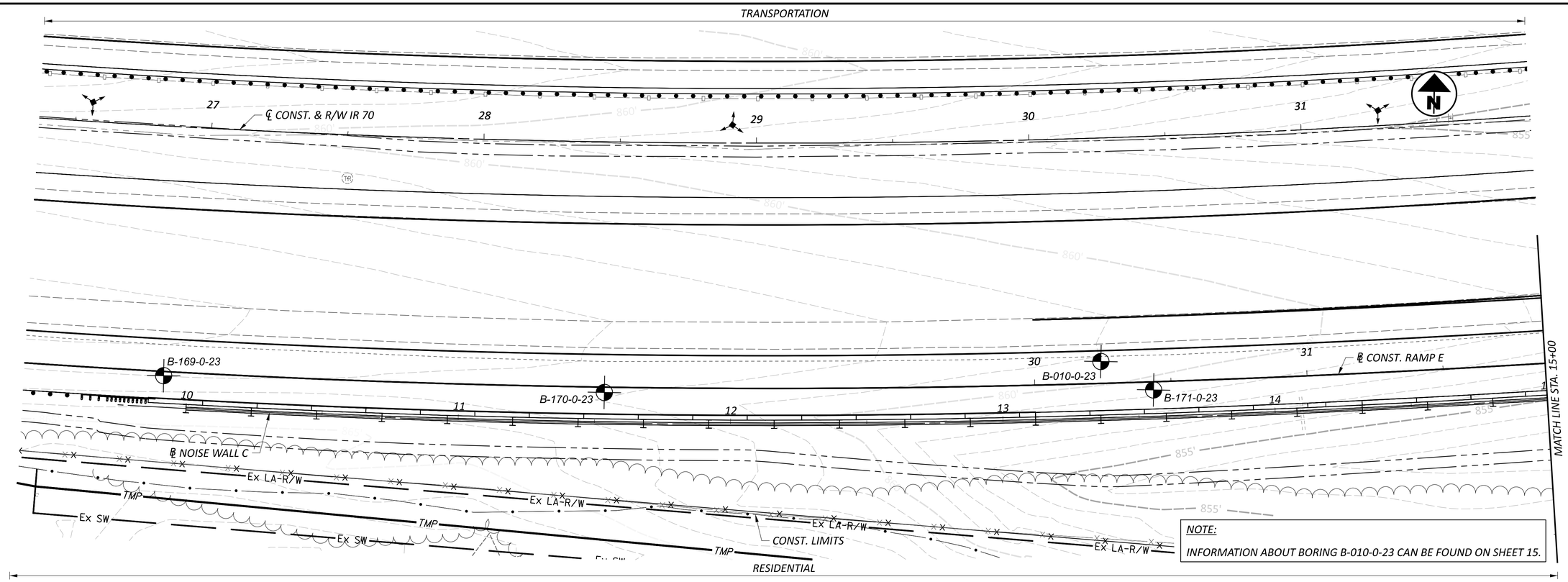
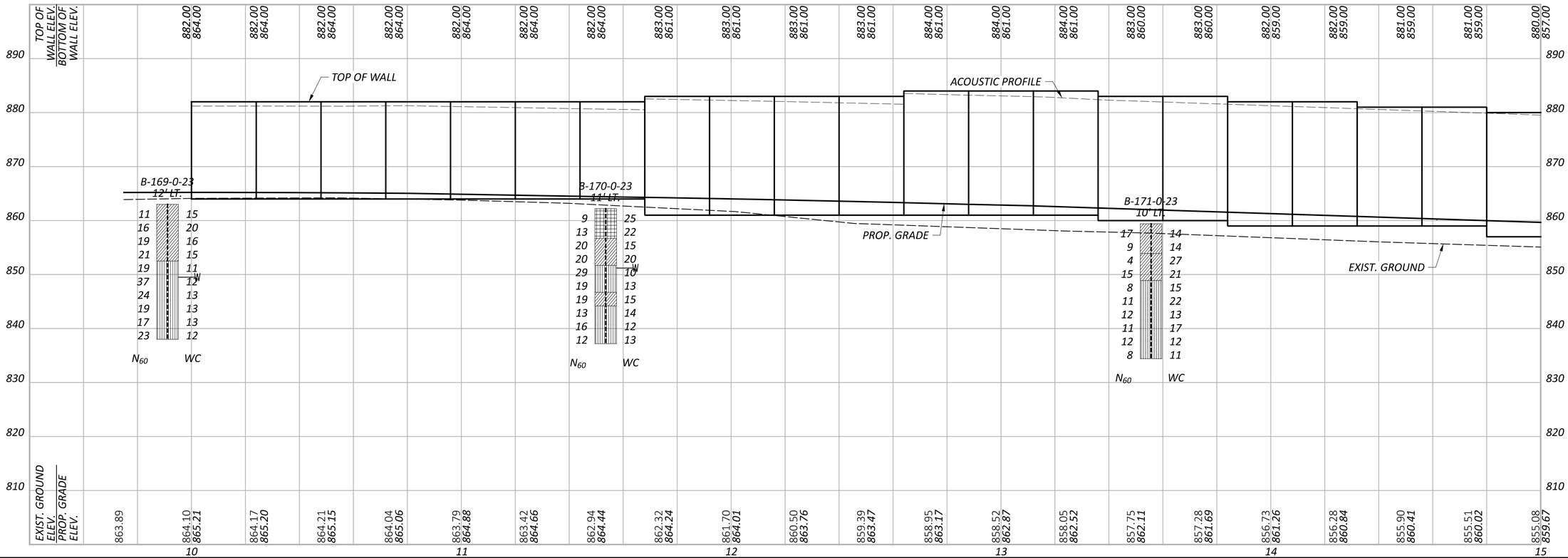
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C - STA. 9+40 TO STA. 15+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 97 TOTAL: 206
SHEET: P.1915 TOTAL: P.2024

MODEL: 96808_JP4902 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:22:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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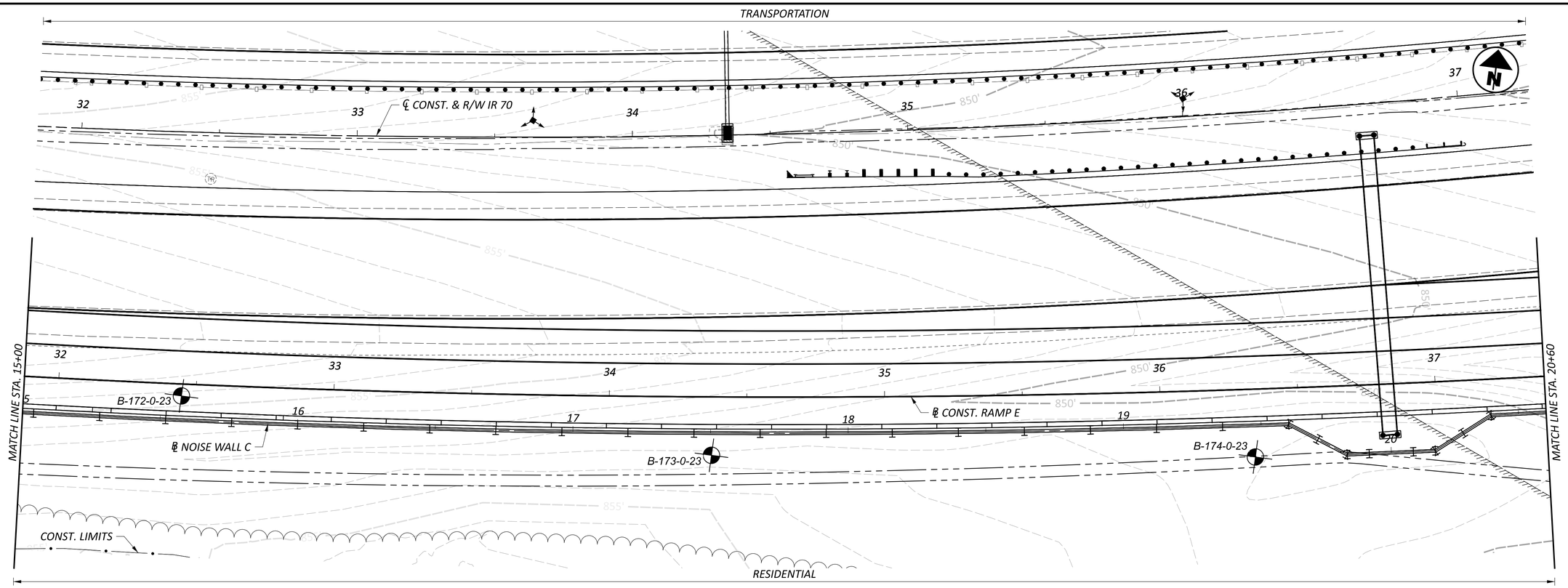
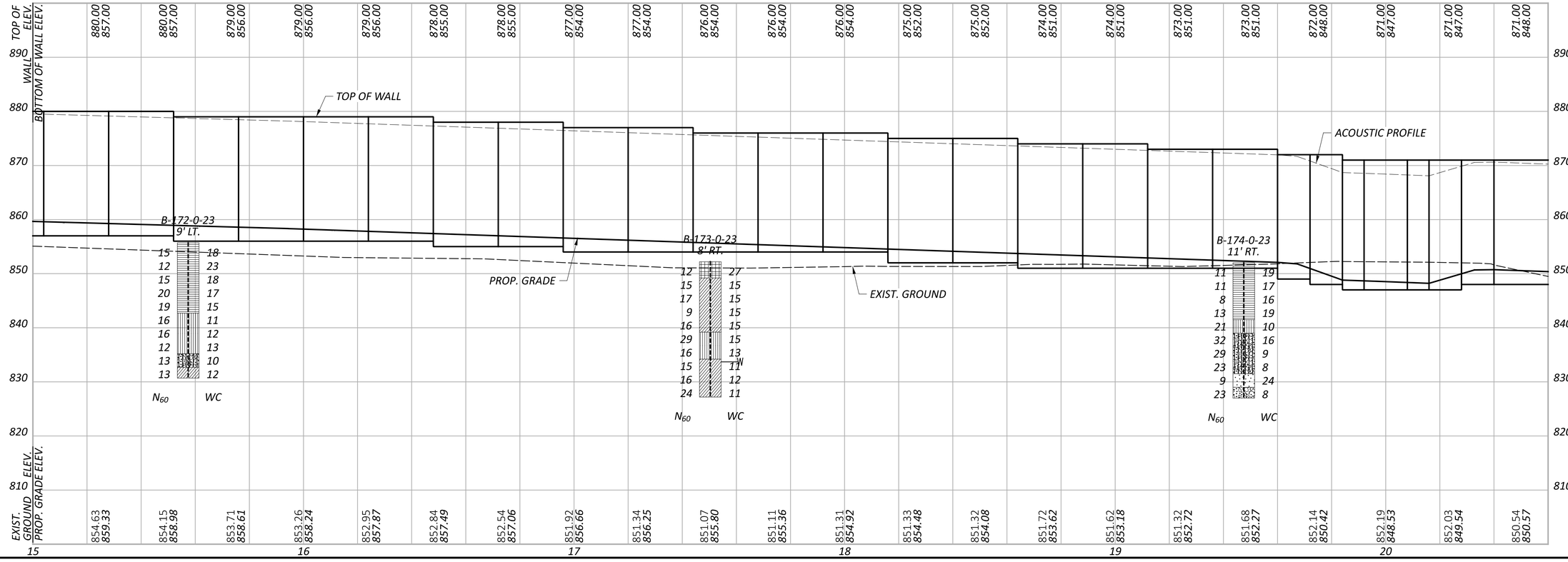
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C - STA. 15+00 TO STA. 20+60

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 774-0200
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 98 TOTAL 206
SHEET P.1916 TOTAL P.2024

MODEL: 96808_JP4903 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:22:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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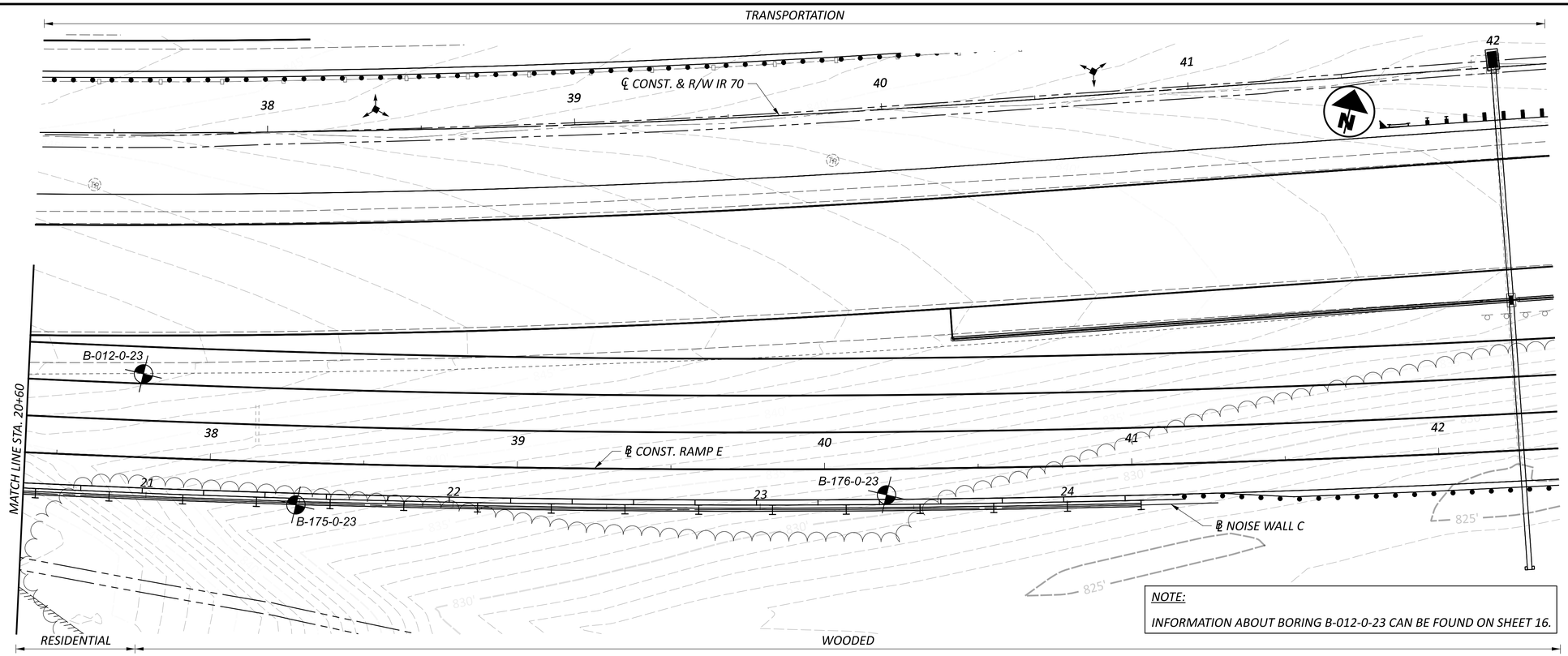
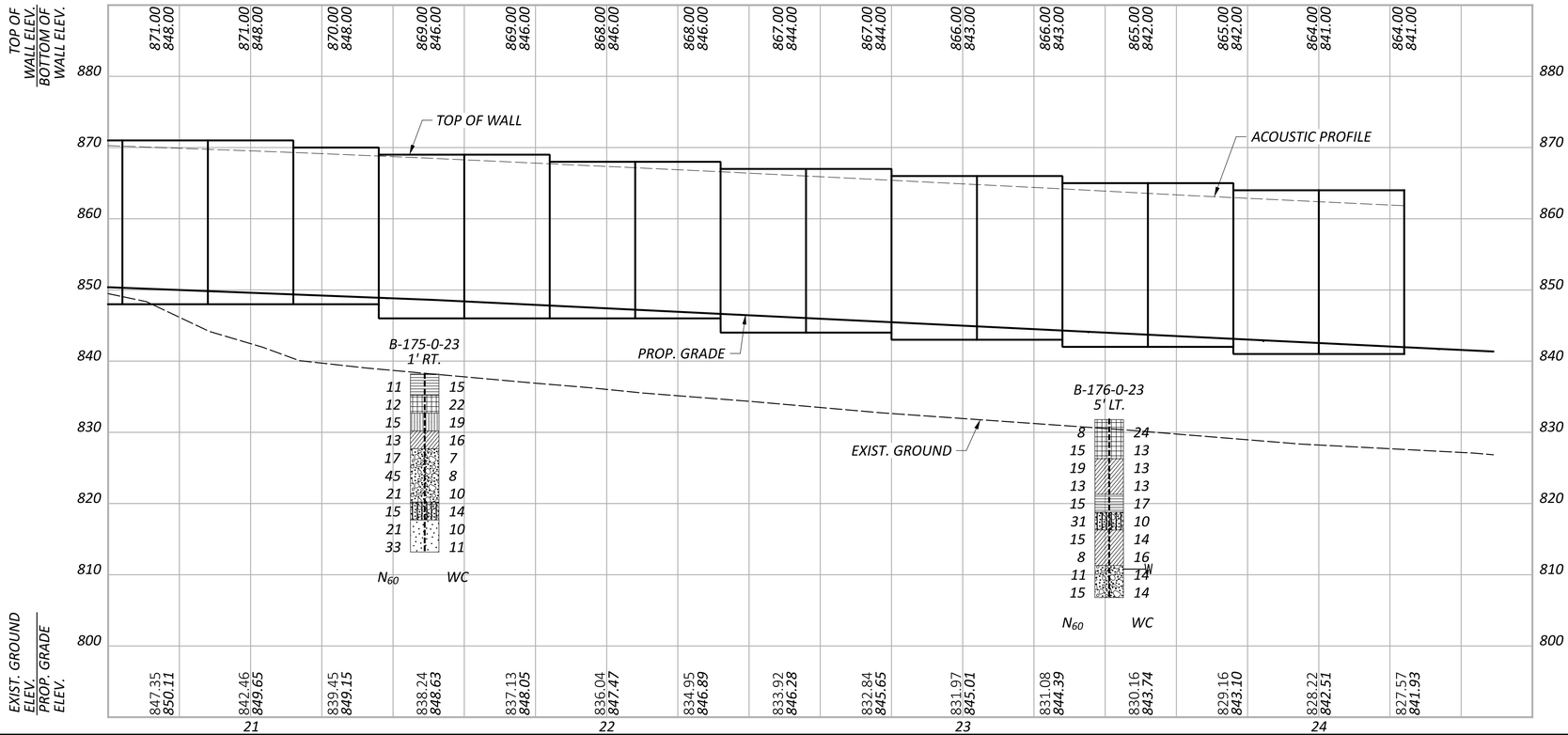
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C - STA. 20+60 TO STA. 25+60

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 774-0099
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 99 TOTAL 206
SHEET P.1917 TOTAL P.2024

MODEL: 96808_ZP5001 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:22:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

COMMERCIAL

RESIDENTIAL

Ex. LA R/W

CONST. LIMITS

℄ NOISE WALL F

℄ CONST. RETAINING WALL 1

℄ CONST. RAMP H

℄ CONST. & R/W IR 70

B-031-0-23

B-033-0-23

B-033-1-23

MATCH LINE STA. 14+40

TRANSPORTATION

NOTES:

INFORMATION ABOUT BORINGS B-031-0-23 AND B-033-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORING B-033-1-23 CAN BE FOUND ON SHEET 101.

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 9+40 TO STA. 14+40

DESIGN AGENCY
NEAS
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2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
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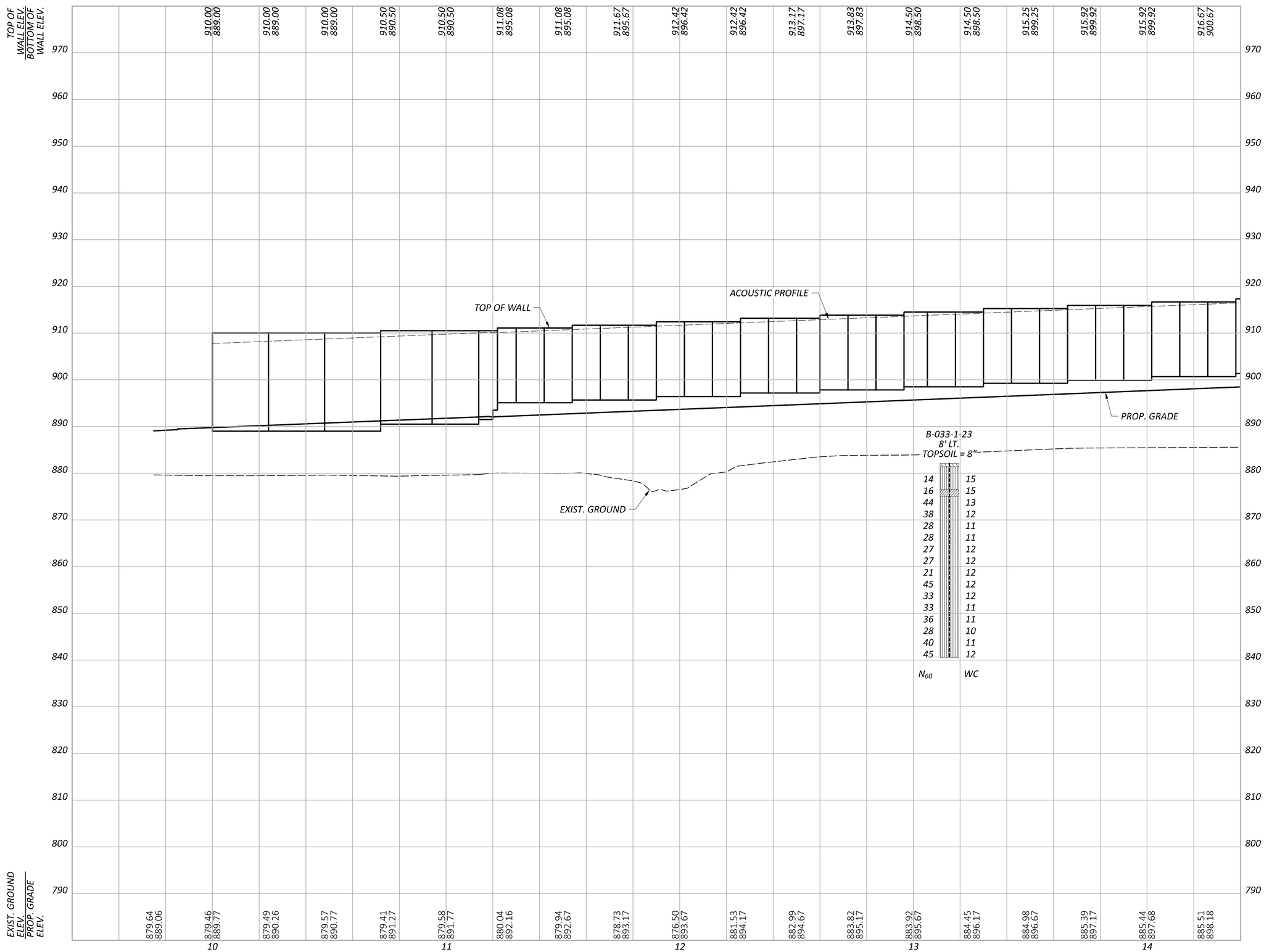
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	100
TOTAL	206
SHEET	P.1918
TOTAL	P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 9+40 TO STA. 14+40

DESIGN AGENCY
NEAS
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2800 Corporate Exchange Drive
Suite 240
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(614) 714-0299
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DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	101
TOTAL	206
SHEET	P.1919
TOTAL	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF5001 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:24:19 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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RESIDENTIAL

Ex. LA. R/W

CONST. LIMITS

B-037-1-23

℄ NOISE WALL F

℄ CIP WALL NO. 7

℄ CONST. RAMP H

℄ CONST. & R/W IR 70

B-034-0-23

B-035-0-23

B-037-0-23

B-038-0-23

MATCH LINE STA. 14+40

MATCH LINE STA. 20+20

15 16 17 18 19 20

22 21 20 19 18 17

96 97 98 99 100 101

HORIZONTAL SCALE IN FEET
0 10 20 40

NOTES:

INFORMATION ABOUT BORINGS B-034-0-23, B-035-0-23, B-037-0-23 AND B-038-0-23 CAN BE FOUND ON SHEET 47.

INFORMATION ABOUT BORING B-037-1-23 CAN BE FOUND ON SHEET 103.

TRANSPORTATION

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 14+40 TO STA. 20+20

DESIGN AGENCY

NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET / TOTAL	102 / 206
SHEET / TOTAL	P.1920 / P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP5002 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:24:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkianc@neasinc.com WORKSPACE: OHDOTCtv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

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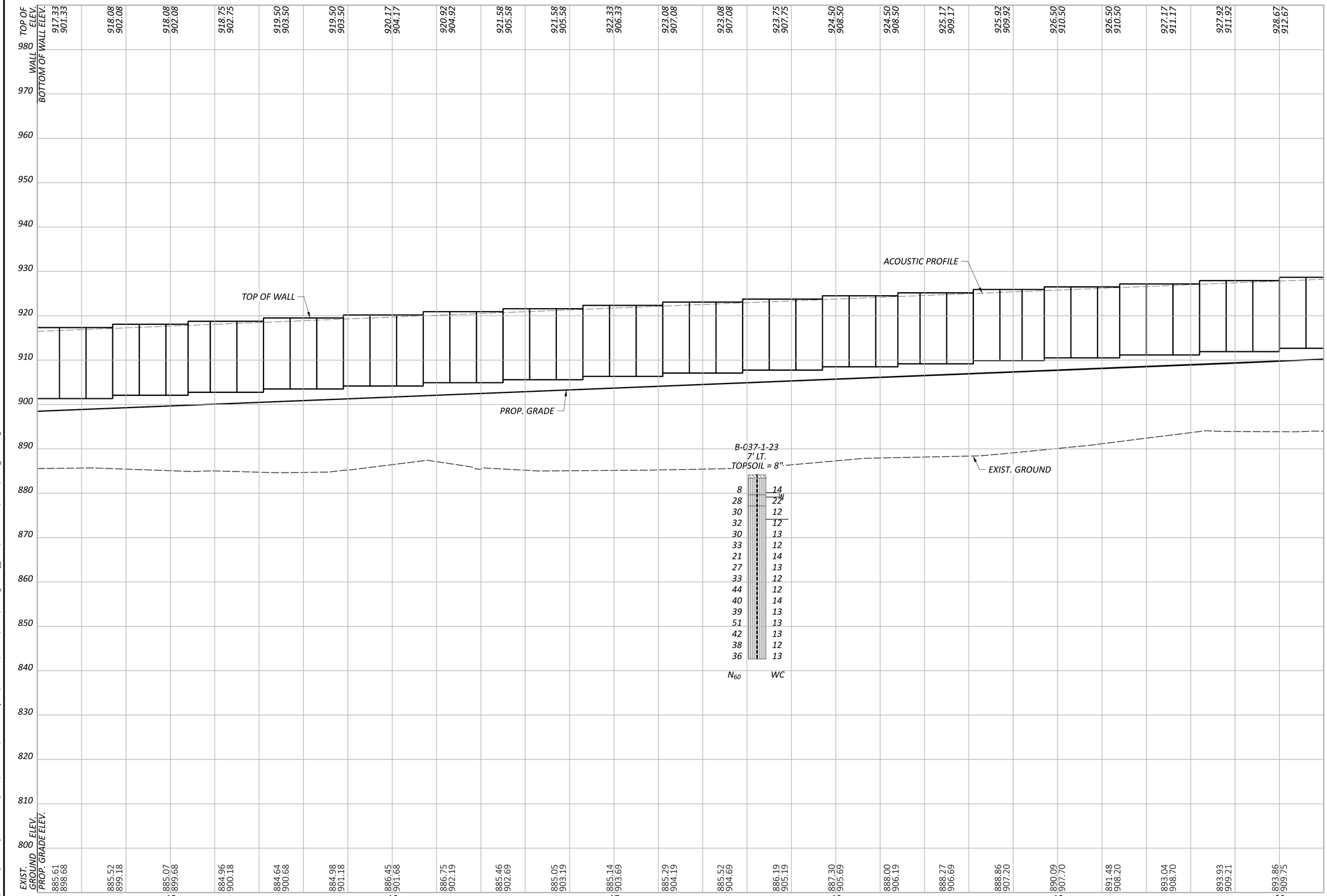

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 14+40 TO STA. 20+20

DESIGN AGENCY

NEAS
Northeast Engineering & Architectural Services Inc.
2500 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 103 | TOTAL 206

SHEET P.1921 | TOTAL P.2024

RESIDENTIAL

Ex. LA. R/W

MATCH LINE STA. 20+20

CONST. LIMITS

℄ NOISE WALL F

B-039-0-23

℄ CONST. RAMP H

B-040-0-23

B-086-0-23

℄ CIP WALL NO. 7

B-087-1-26

B-087-0-23

℄ CIP WALL NO. 8

MATCH LINE STA. 26+00

℄ CONST. & R/W IR 70

TRANSPORTATION

NOTES:

INFORMATION ABOUT BORINGS B-040-0-23 AND B-087-0-23 CAN BE FOUND ON SHEET 72.

INFORMATION ABOUT BORINGS B-039-0-23, B-086-0-23 AND B-087-1-26 CAN BE FOUND ON SHEET 105.

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 20+20 TO STA. 26+00

DESIGN AGENCY

NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
www.neasinc.com

DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET / TOTAL	104 / 206
SHEET / TOTAL	P.1922 / P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP5003 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:25:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF5003 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:05:30 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@measinc.com WORKSPACE: OHDOTCEx02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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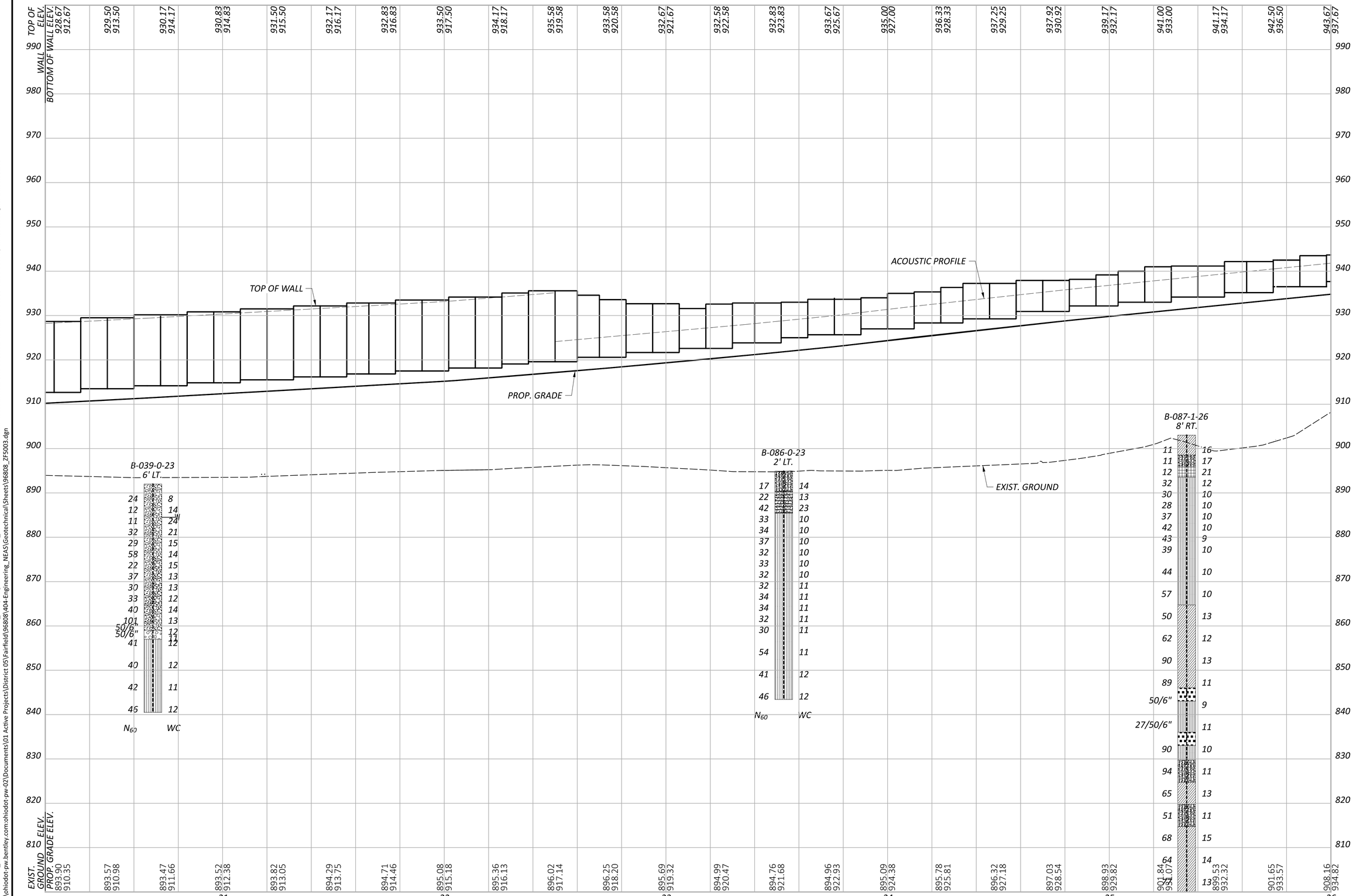

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 20+20 TO STA. 26+00

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2000 Corporate Exchange Drive
Suite 240
Columbus, OH. 43231
(614) 714-0299
www.measinc.com

DESIGNER
RS

REVIEWER
CH 08/21/26

PROJECT ID
96808

SUBSET 105 | TOTAL 206

SHEET P.1923 | TOTAL P.2024

RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 26+00 TO STA. 31+80

MATCH LINE STA. 26+00

CONST. LIMITS

LA-R/W

Ex LA-R/W

Ex R/W

Ex SH

℄ CIP WALL NO. 7

℄ NOISE WALL F

℄ CIP WALL NO. 8

℄ CONST. RAMP H

B-088-0-23

B-089-0-23

B-042-0-23

B-101-0-23

℄ CONST. & R/W IR 70

TRANSPORTATION

NOTES:

INFORMATION ABOUT BORING B-042-0-23 CAN BE FOUND ON SHEET 26.

INFORMATION ABOUT BORINGS B-088-0-23 AND B-089-0-23 CAN BE FOUND ON SHEET 107.

INFORMATION ABOUT BORING B-101-0-23 CAN BE FOUND ON SHEET 64.

DESIGN AGENCY

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Suite 240
Columbus, OH, 43231
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DESIGNER	
RS	
REVIEWER	
CH	08/21/26
PROJECT ID	
96808	
SUBSET	TOTAL
106	206
SHEET	TOTAL
P.1924	P.2024

FAI/LIC-70-0.00-0.00

MODEL: 96808_ZP5004 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:26:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@neasinc.com WORKSPACE: OHDOTCEx02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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FAI/LIC-70-0.00-0.00

MODEL: 96808_ZF5004 PAPERSIZE: 34x22 (in.) DATE: 8/21/2026 TIME: 11:15:39 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsofkancs@measinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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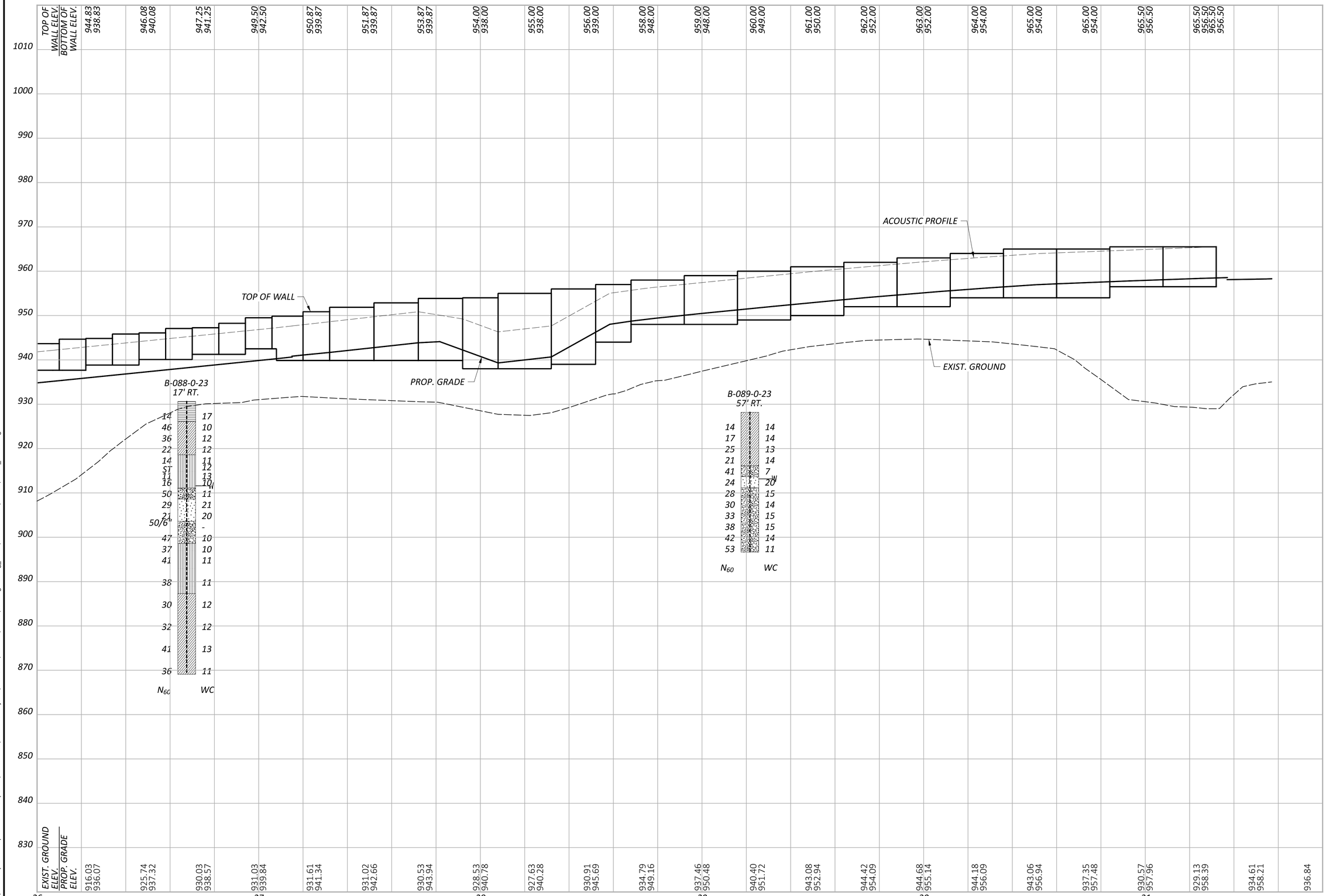

HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F - STA. 26+00 TO STA. 31+80

DESIGN AGENCY

NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
Suite 240
Columbus, OH, 43231
(614) 714-0299
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DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

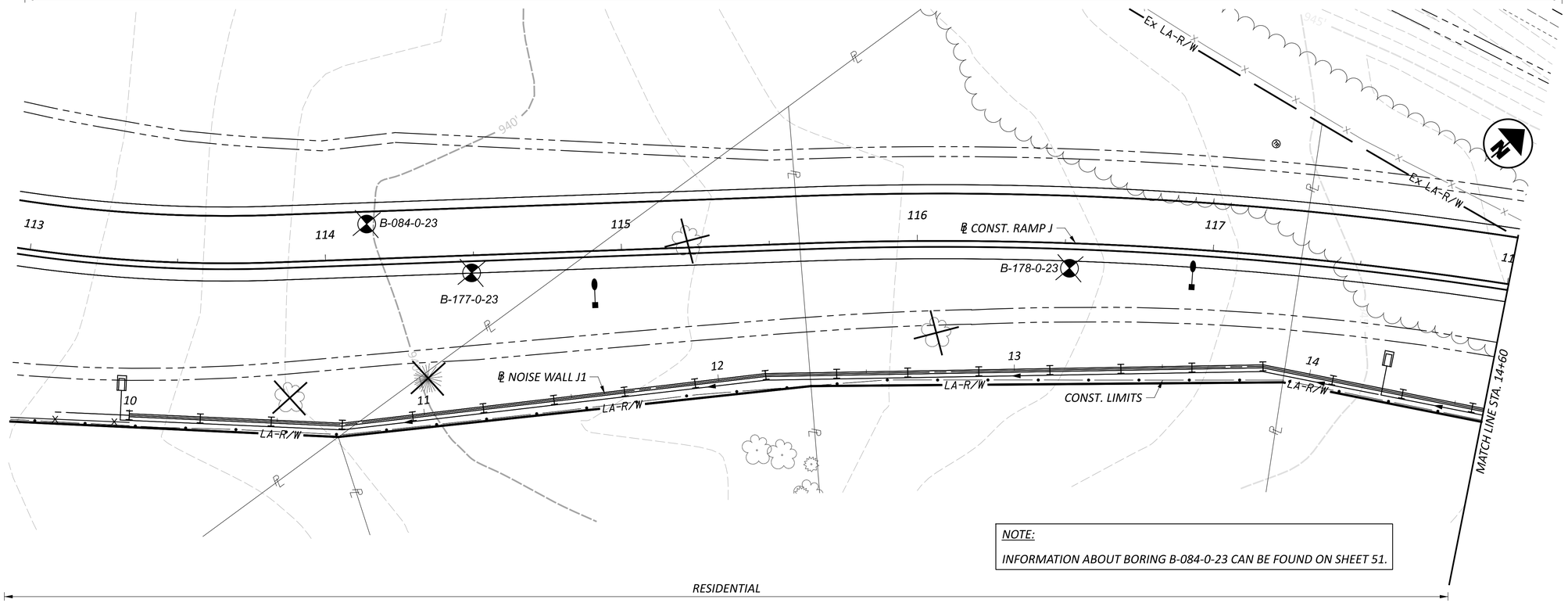
SUBSET 107 | TOTAL 206

SHEET P.1925 | TOTAL P.2024

FAI/LIC-70-0.00-0.00

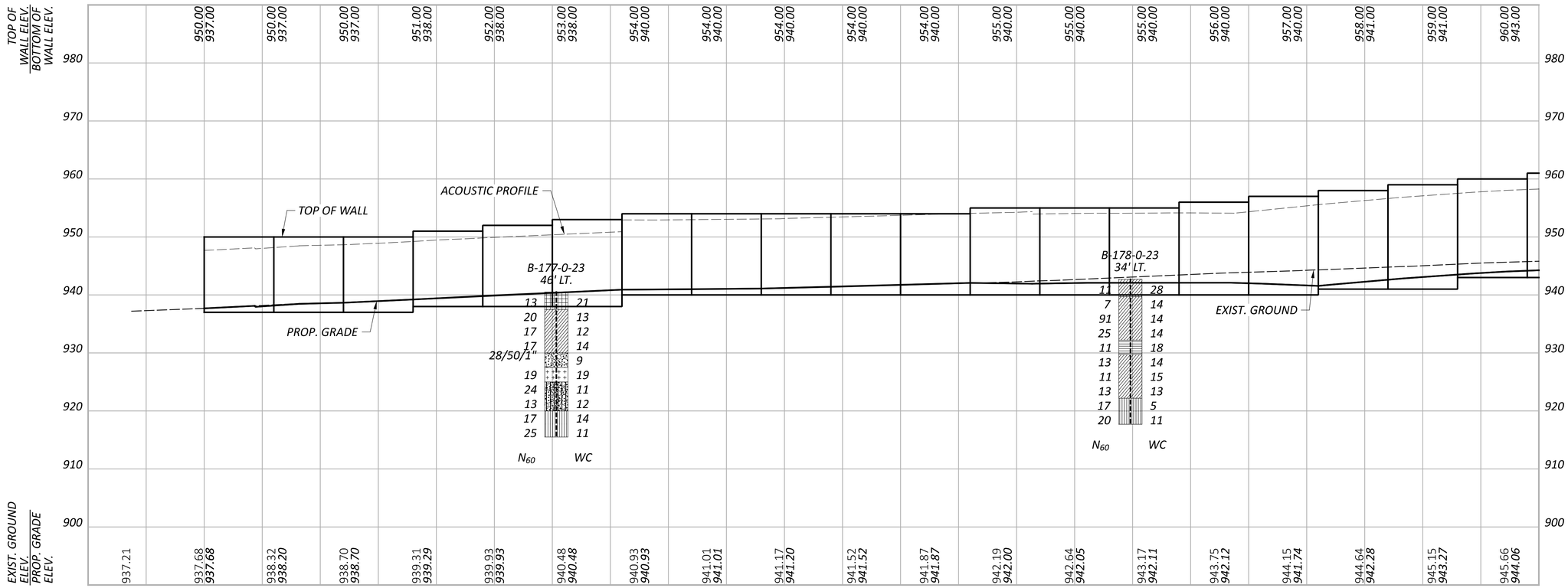
MODEL: 96808_IP5101 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:27:13 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanes@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_IP5101.dgn

TRANSPORTATION



NOTE:
INFORMATION ABOUT BORING B-084-0-23 CAN BE FOUND ON SHEET 51.

RESIDENTIAL



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 9+60 TO STA. 14+60

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 Corporate Exchange Drive
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Columbus, OH, 43231
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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 108 TOTAL 206
SHEET P.1926 TOTAL P.2024

MODEL: 96808_IP5102 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:27:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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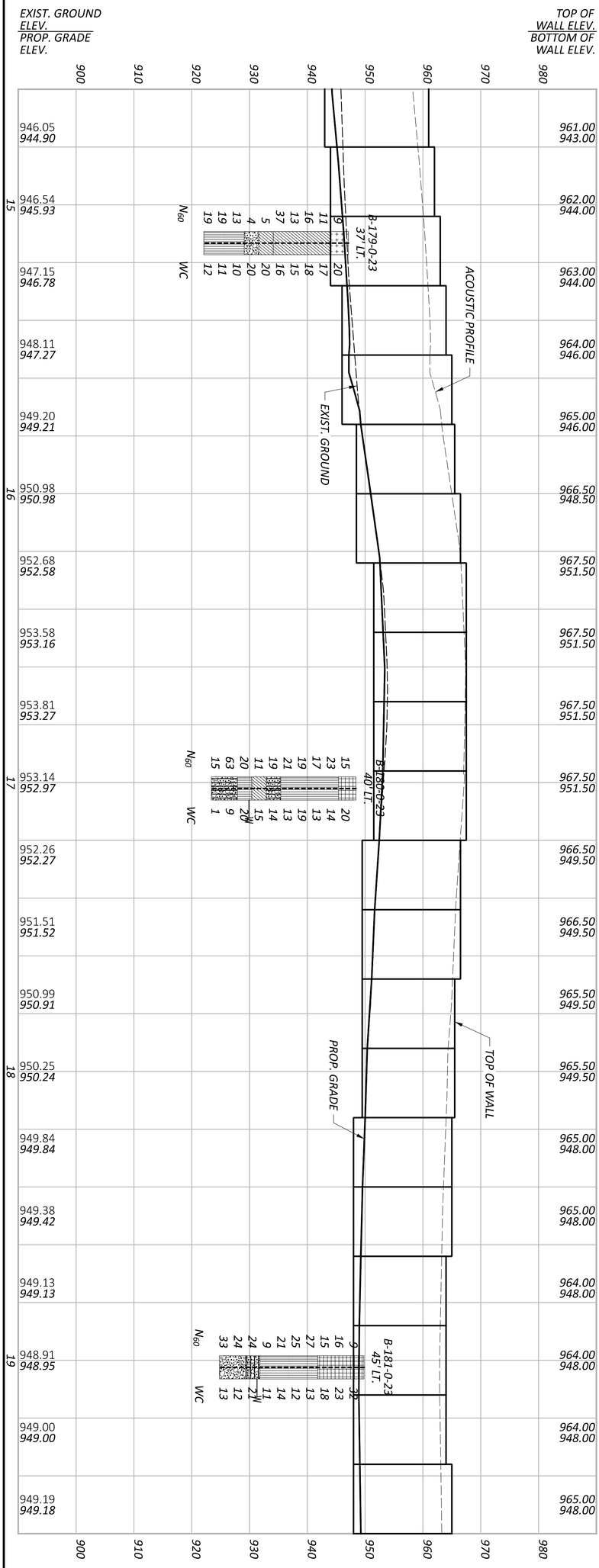
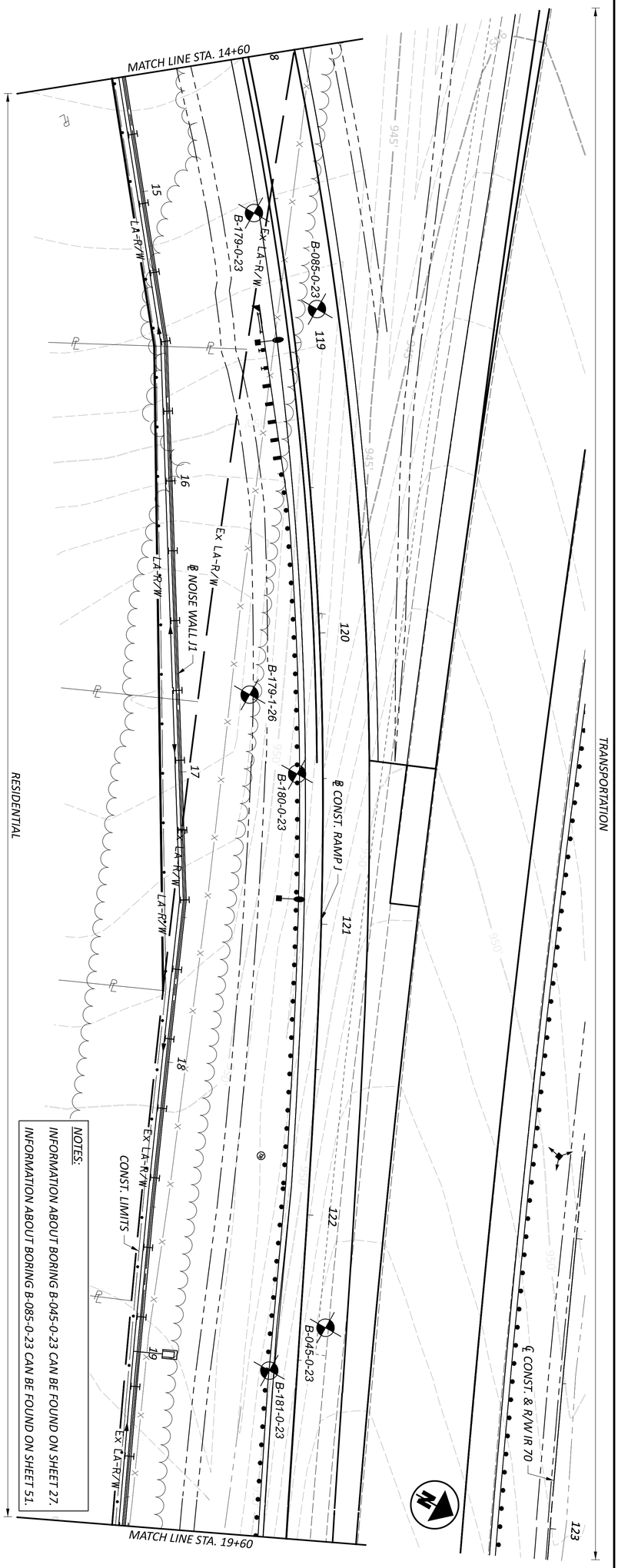
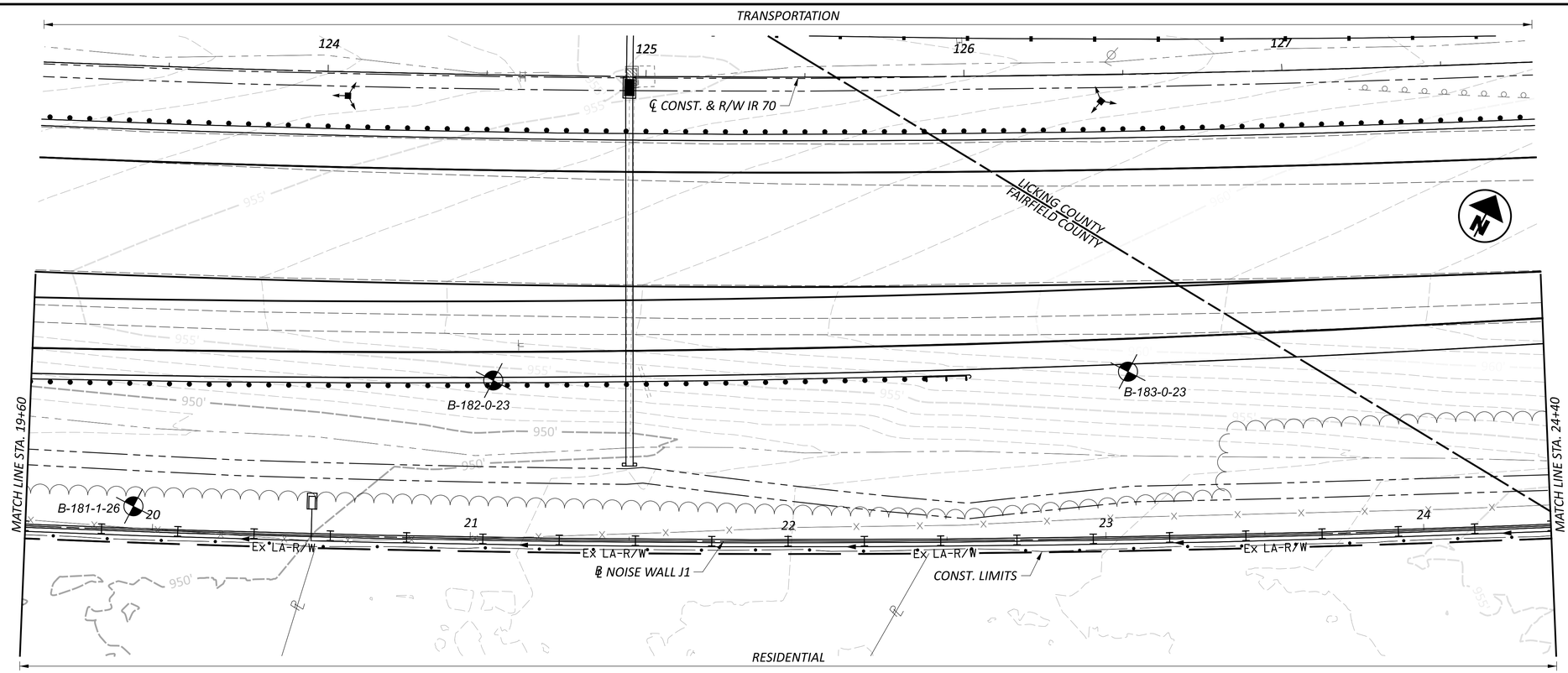


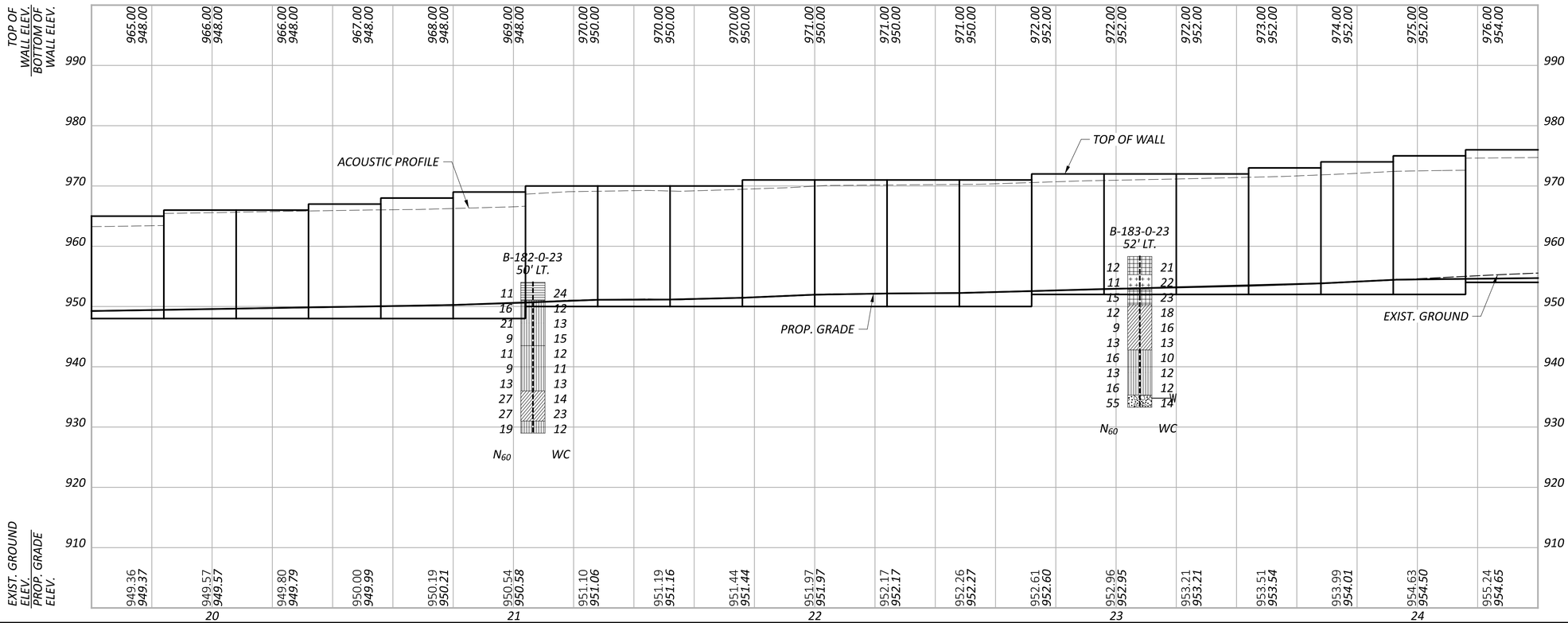


DESIGN AGENCY	REAS
DESIGNER	RS
REVIEWER	CH 08/21/26
PROJECT ID	96808
SUBSET	109
TOTAL	206
SHEET	P.1927
TOTAL	P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 14+60 TO STA. 19+60

HORIZONTAL SCALE IN FEET
0 10 20 40





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 19+60 TO STA. 24+40

FAI/LIC-70-0.00-0.00

MODEL: 96808_IP5103 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:27:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanes@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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www.neasinc.com

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 110 | TOTAL 206
SHEET P.1928 | TOTAL P.2024

MODEL: 96808_IP5104 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:28:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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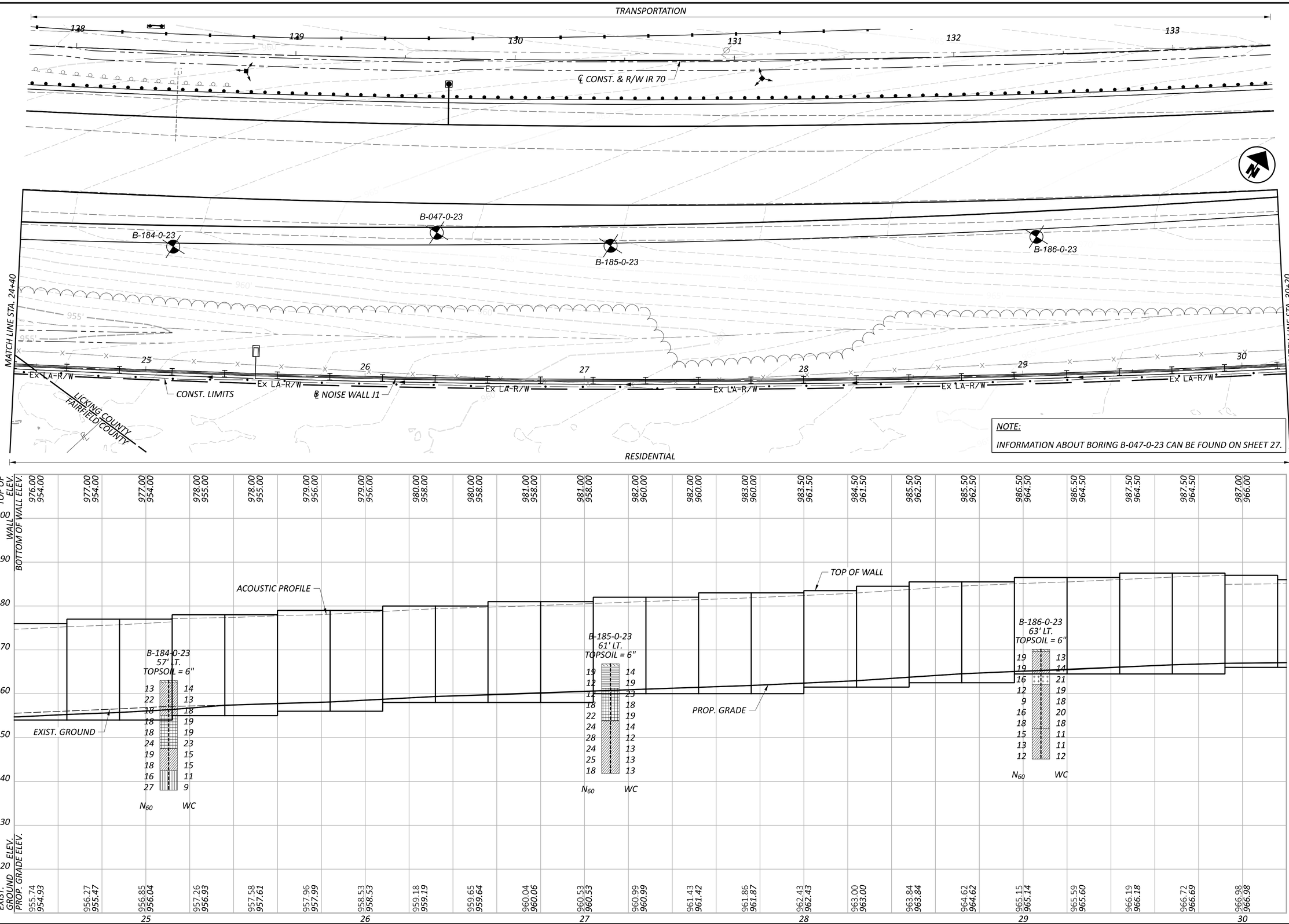
FAI/LIC-70-0.00-0.00



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 24+40 TO STA. 30+20

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DESIGNER
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REVIEWER
CH 08/21/26

PROJECT ID
96808

SUBSET 111 | TOTAL 206

SHEET P.1929 | TOTAL P.2024

MODEL: 96808_IP5105 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:28:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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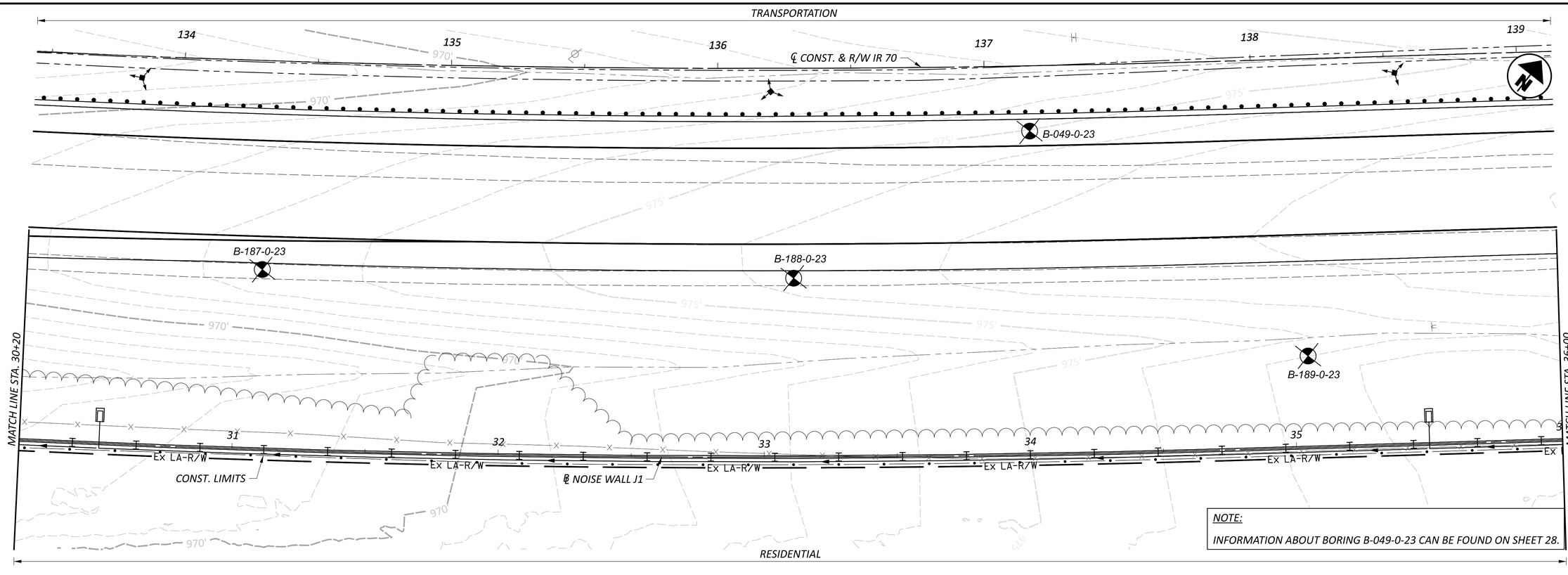
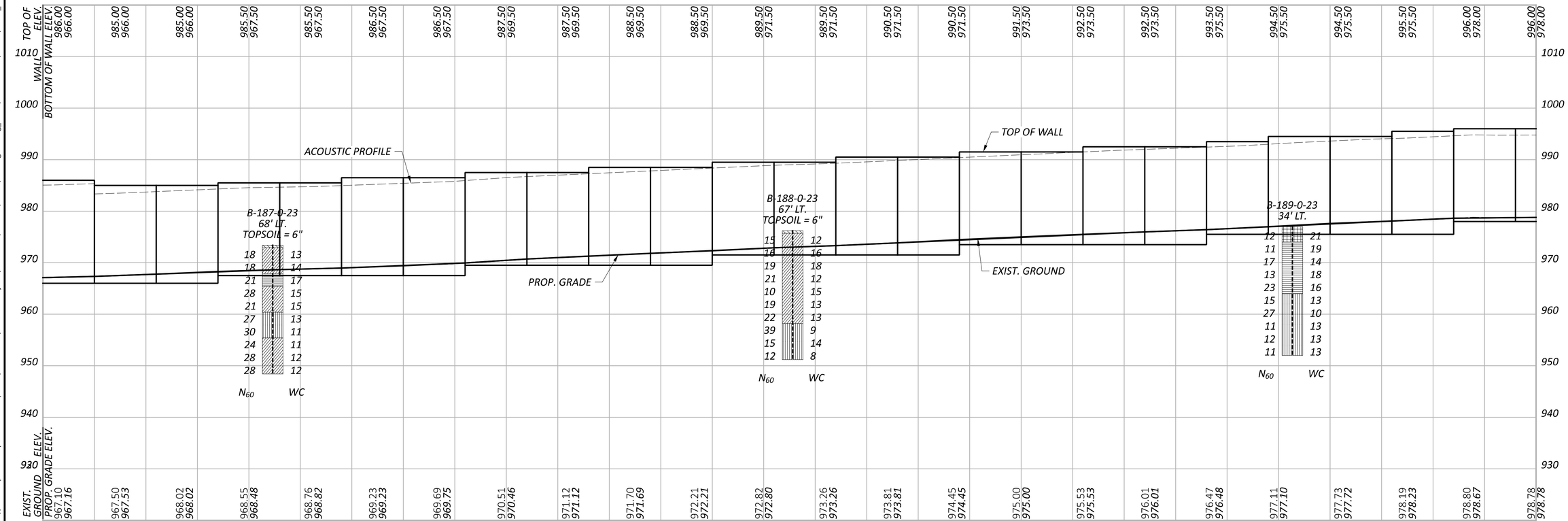
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 30+20 TO STA. 36+00

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DESIGNER
RS

REVIEWER
CH 08/21/26

PROJECT ID
96808

SUBSET 112 | TOTAL 206

SHEET P.1930 | TOTAL P.2024

MODEL: 96808_IP5106 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:29:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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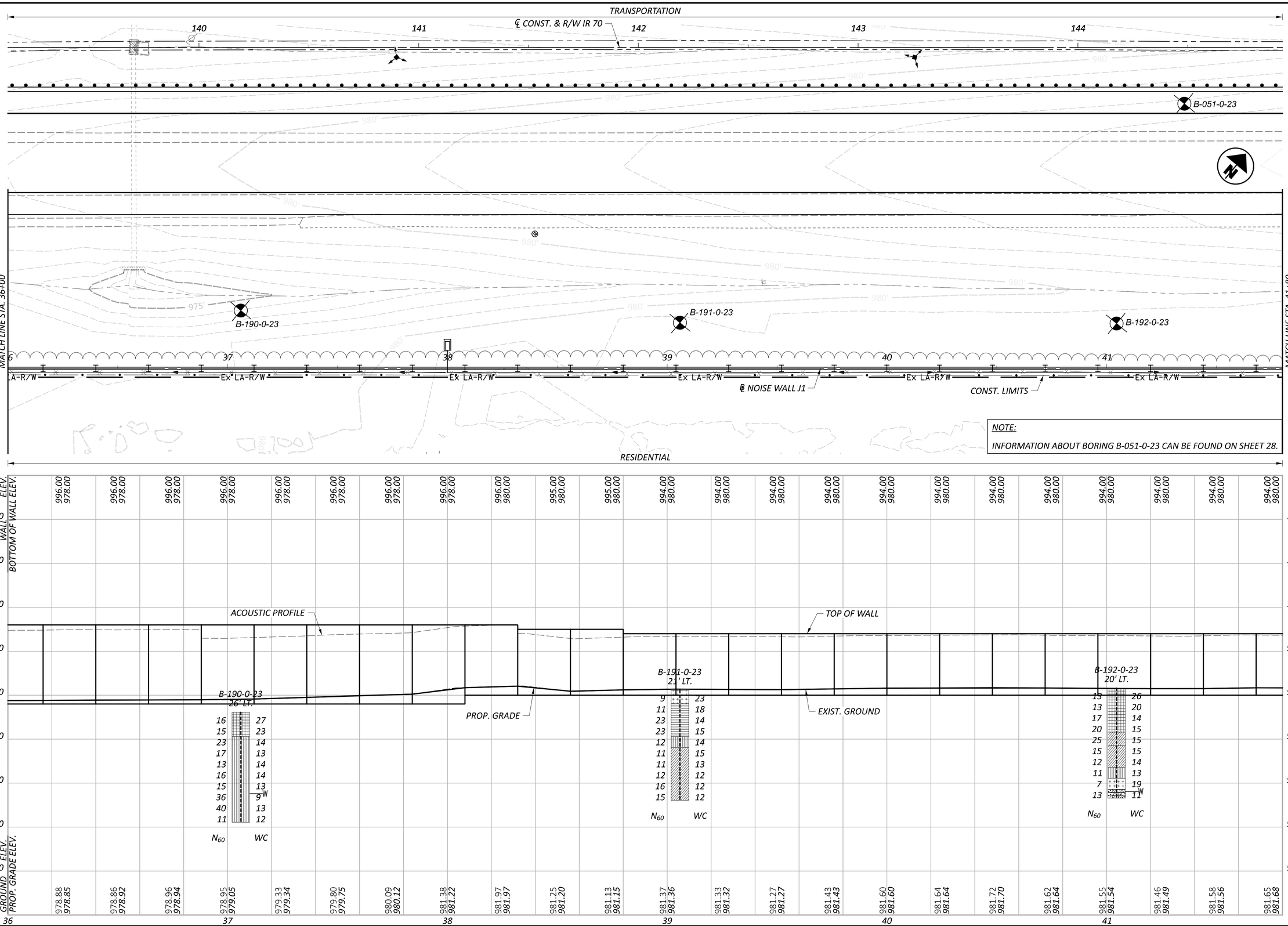
FAI/LIC-70-0.00-0.00



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 36+00 TO STA. 41+80

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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 113 TOTAL 206
SHEET P.1931 TOTAL P.2024

MODEL: 96808_IP5107 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:29:23 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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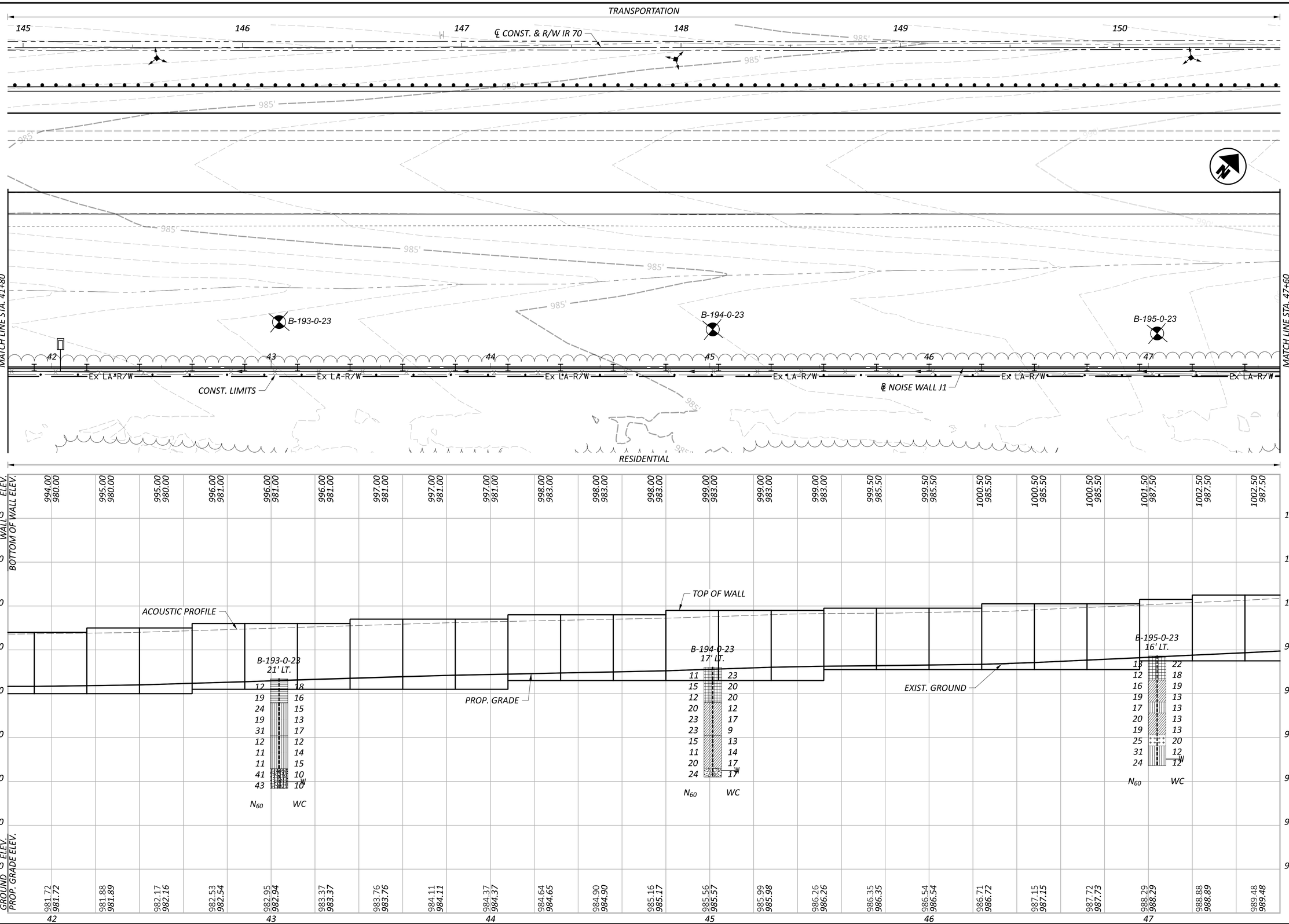
FAI/LIC-70-0.00-0.00



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 41+80 TO STA. 47+60

DESIGN AGENCY

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DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 114 | TOTAL 206

SHEET P.1932 | TOTAL P.2024

MODEL: 96808_IP5108 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:29:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanes@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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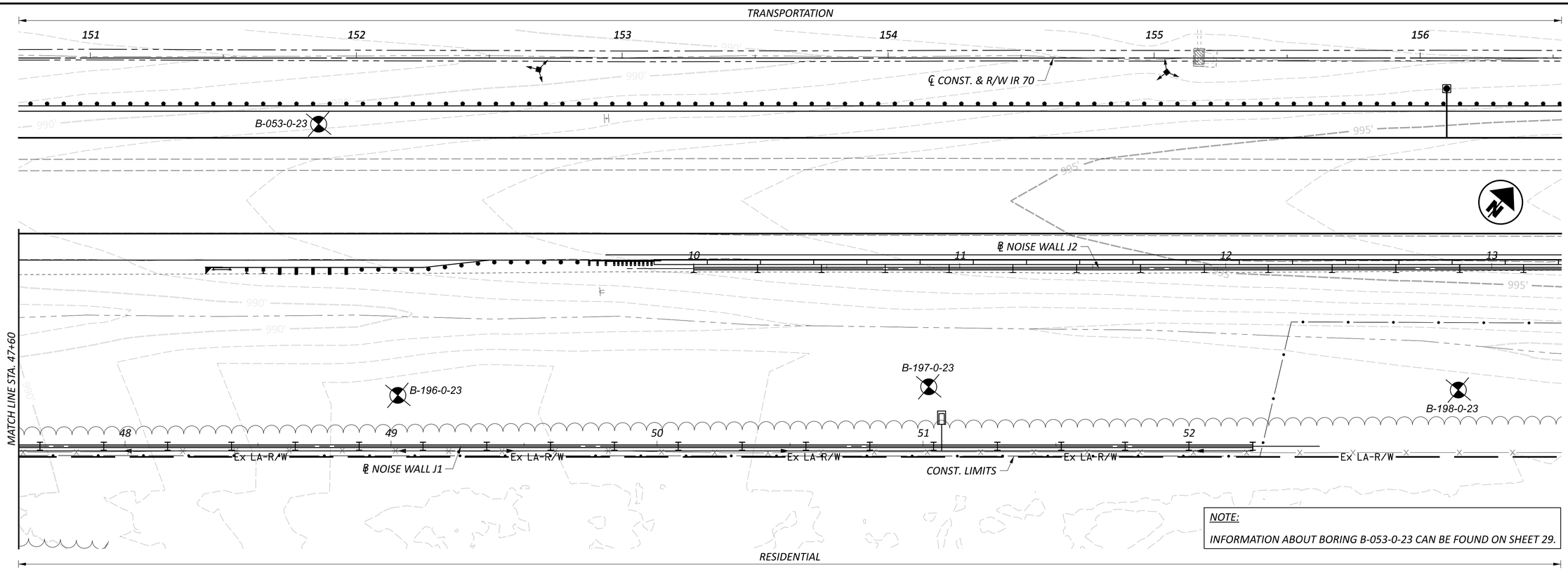
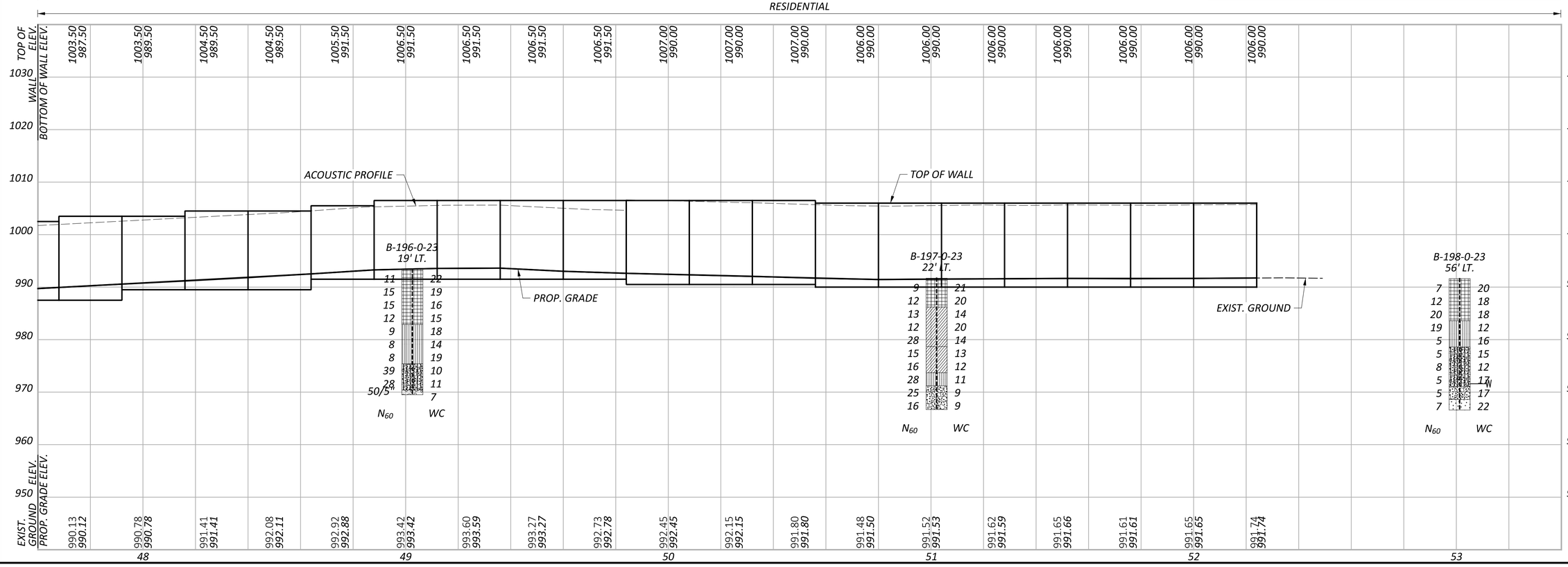
FAI/LIC-70-0.00-0.00



NOTE:

INFORMATION ABOUT BORING B-053-0-23 CAN BE FOUND ON SHEET 29.



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1 - STA. 47+60 TO STA. 53+40

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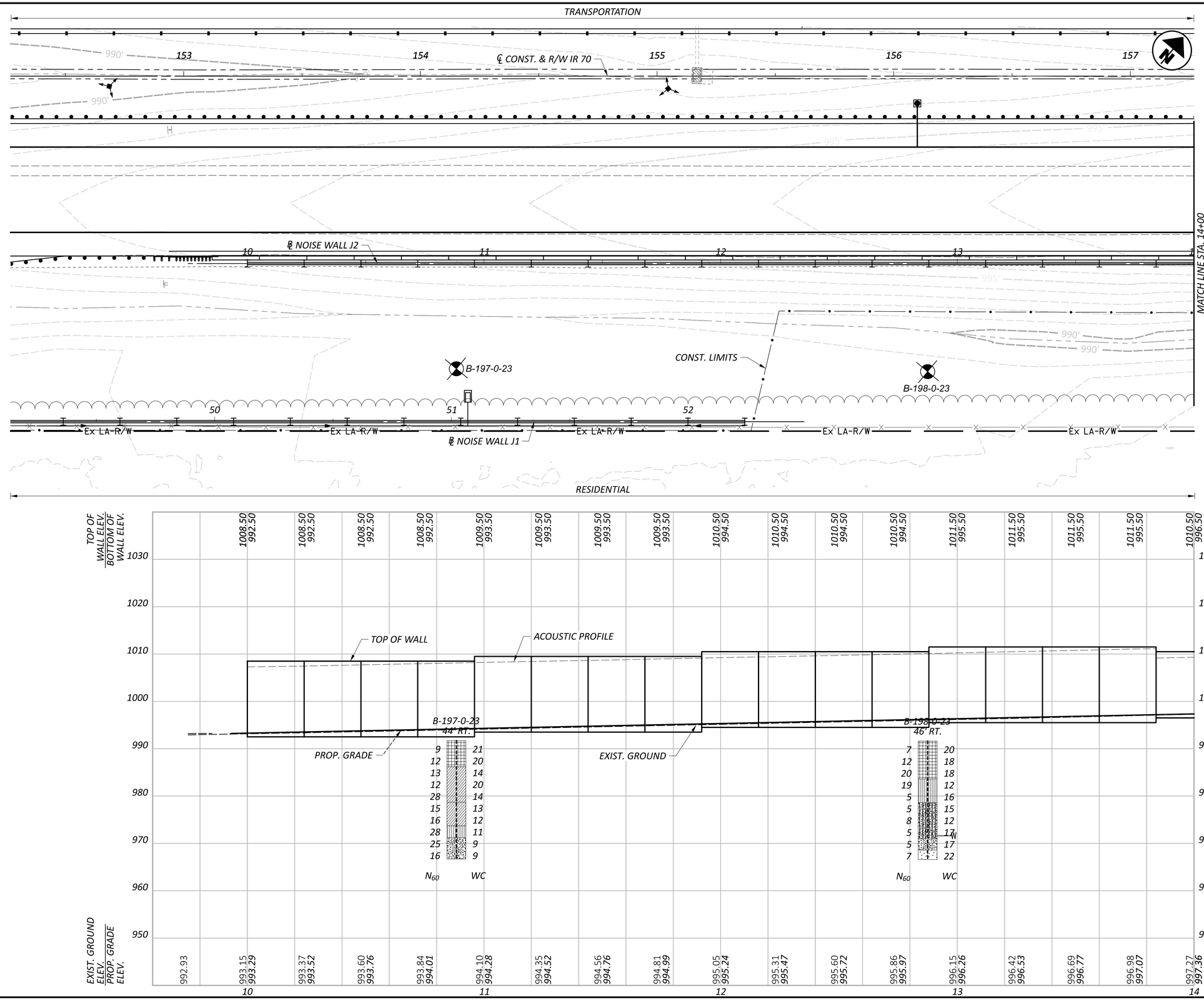
DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 115 TOTAL 206
SHEET P.1933 TOTAL P.2024



HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J2 - STA. 9+00 TO STA. 14+00

FAI/LIC-70-0.00-0.00

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DESIGNER RS

REVIEWER CH 08/21/26

PROJECT ID 96808

SUBSET 116 | TOTAL 206

SHEET P.1934 | TOTAL P.2024

MODEL: 96808_IP5202 PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:30:31 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsolfkanc@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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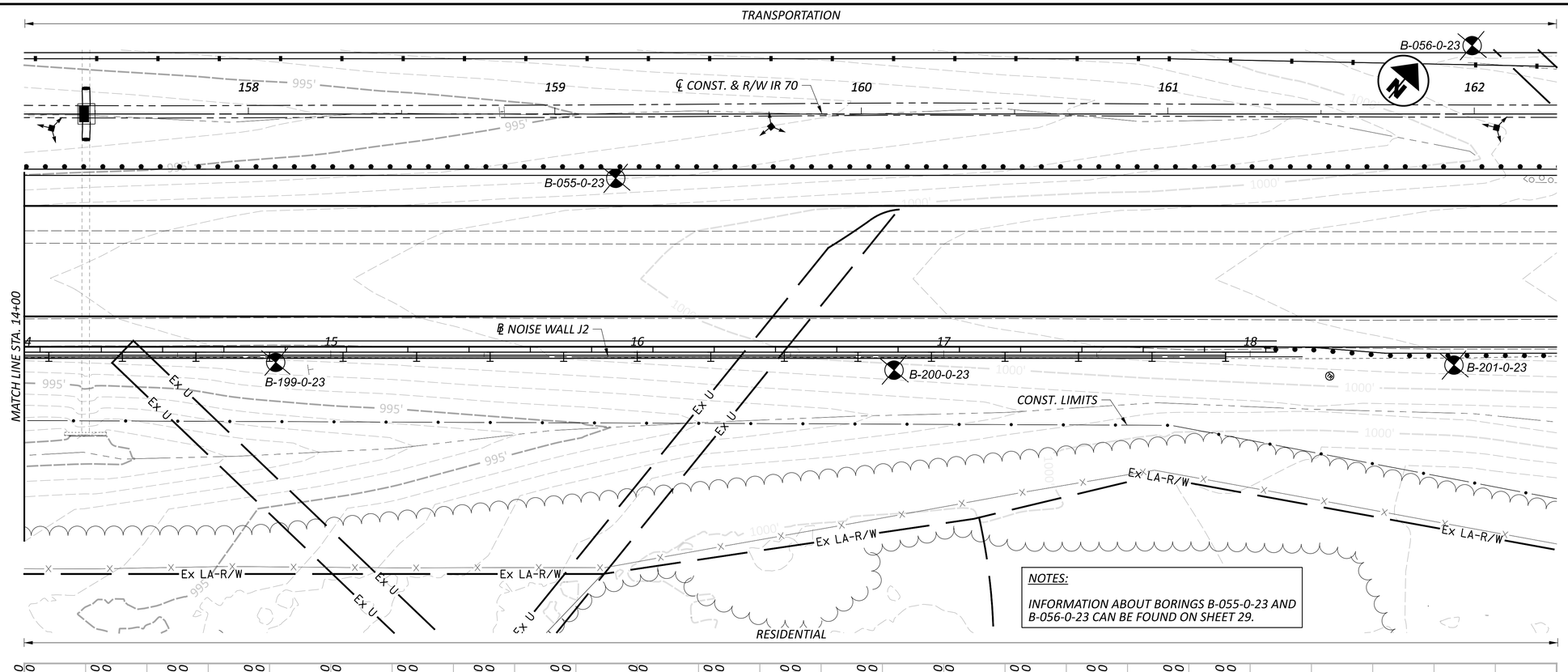
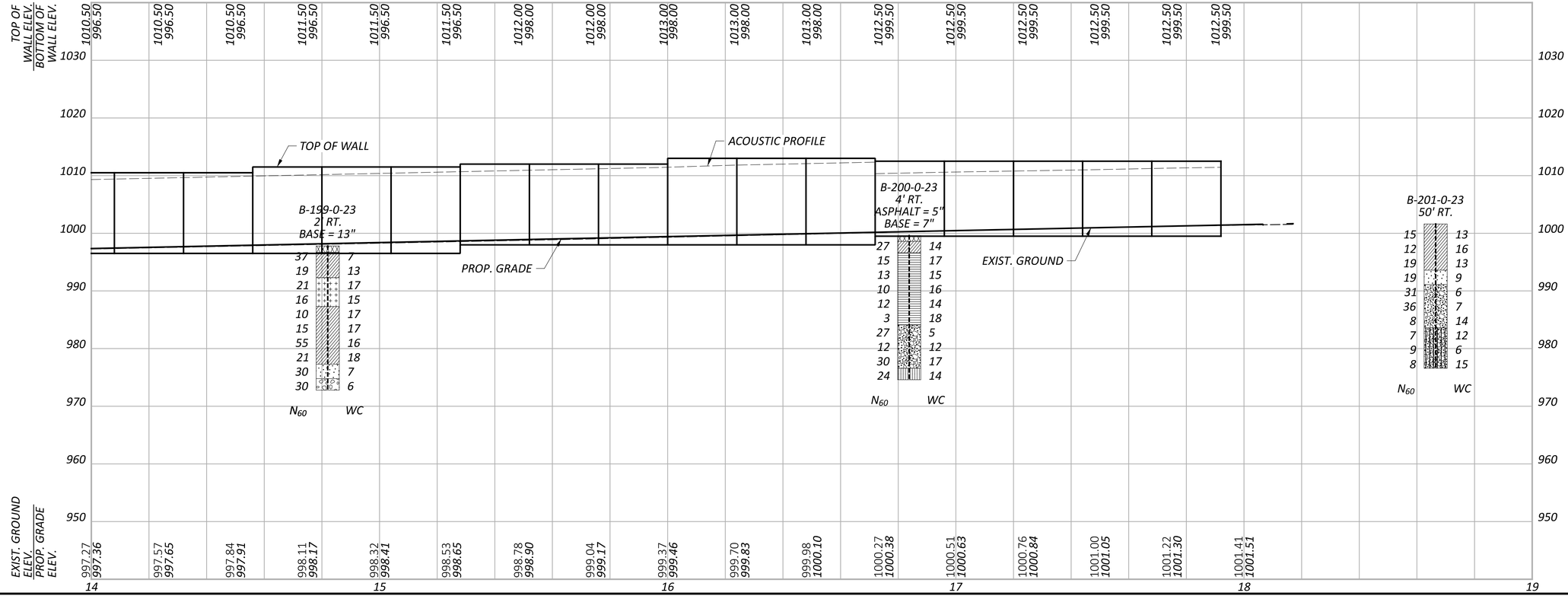
FAI/LIC-70-0.00-0.00





HORIZONTAL SCALE IN FEET
0 10 20 40

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J2 - STA. 14+00 TO STA. 19+00

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DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 117 TOTAL 206
SHEET P.1935 TOTAL P.2024

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:30:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL001.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 2/13/24 END: 2/14/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 44+35, 134' RT.
ALIGNMENT: I-70
ELEVATION: 824.6 (MSL) EOB: 86.5 ft.
LAT / LONG: 39.931688, -82.795743

EXPLORATION ID B-014-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV. 824.6	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, CONTAINS ROOTS, DAMP	823.1		2 3 6	12	28	SS-1	3.00	20	12	20	29	19	37	23	14	17	A-6a (4)	-	
STIFF, BROWN, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, IRON STAINING, CONTAINS NO INTACT SOIL FOR HP READINGS, DAMP	821.6		5 5 5	13	17	SS-2	-	5	7	35	35	18	32	22	10	19	A-4a (4)	-	
MEDIUM DENSE TO DENSE, BROWN, **SANDY SILT**, SOME GRAVEL, TRACE CLAY, DAMP			3 13 16	38	44	SS-3	-	27	15	18	33	7	NP	NP	NP	9	A-4a (1)	-	
			8 16 12	37	100	SS-4	-	28	16	17	29	10	NP	NP	NP	11	A-4a (1)	-	
			14 12 10	29	100	SS-5	-	-	-	-	-	-	-	-	-	8	A-4a (V)	-	
	815.6	W 815.6	5 8 9	22	100	SS-6	-	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
MEDIUM DENSE, BROWN AND GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST TO WET			4 8 9	22	100	SS-7	-	47	17	11	19	6	NP	NP	NP	14	A-1-b (0)	-	
			5 7 9	21	100	SS-8	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
			8 6 5	14	100	SS-9	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	-	
			5 6 7	17	28	SS-10	-	-	-	-	-	-	-	-	-	18	A-1-b (V)	-	
			4 7 8	20	28	SS-11	-	-	-	-	-	-	-	-	-	16	A-1-b (V)	-	
	807.6																		
HARD, GRAY, **SILT**, SOME SAND, LITTLE CLAY, TRACE GRAVEL, DAMP			4 8 10	24	100	SS-12	4.50	7	7	18	52	16	21	16	5	15	A-4b (7)	-	
			3 7 11	24	100	SS-13	4.50	-	-	-	-	-	-	-	-	14	A-4b (V)	-	
			2 3 5	11	100	SS-14	4.50	-	-	-	-	-	-	-	-	16	A-4b (V)	-	
			3 8 10	24	100	SS-15	4.50	-	-	-	-	-	-	-	-	13	A-4b (V)	-	
			3 6 10	21	100	SS-16	4.50	-	-	-	-	-	-	-	-	11	A-4b (V)	-	
			4 6 10	21	100	SS-17	4.50	-	-	-	-	-	-	-	-	10	A-4b (V)	-	
	792.6																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, DAMP			4 7 8	20	100	SS-18	3.75	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			4 5 9	18	100	SS-19	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			9 8 8	21	100	SS-20	3.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			6 7 12	25	100	SS-21	3.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			8 9 10	25	100	SS-22	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			8 11 15	34	100	SS-23	4.00	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
	766.6																		
DENSE, GRAY, **COARSE AND FINE SAND** SOME SILT, TRACE CLAY, TRACE GRAVEL, MOIST																			

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT GDT - 9/6/24 14:46 - X:\ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-29-24 924A) 23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 118 TOTAL 206
SHEET P.1936 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-014-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:31:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL002.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 44+35, 134' RT. | START: 2/13/24 | END: 2/14/24 | PG 2 OF 2 | B-014-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
DENSE, GRAY, **COARSE AND FINE SAND** SOME SILT, TRACE CLAY, TRACE GRAVEL, MOIST *(continued)*	764.6	61	8 11 13	32	100	SS-24	-	-	-	-	-	-	-	-	-	17	A-3a (V)	-	
	761.3	62																	
STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP TO MOIST		63																	
		64																	
		65																	
		66	11 9 14	30	100	SS-25	4.50	18	13	16	38	15	21	15	6	12	A-4a (4)	-	
		67																	
		68																	
		69																	
		70																	
		71	13 11 13	32	100	SS-26	1.75	-	-	-	-	-	-	-	-	17	A-4a (V)	-	
	751.3	72																	
VERY DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND** TRACE TO LITTLE SILT, TRACE CLAY, MOIST		73																	
		74																	
		75																	
		76	12 25 29	71	100	SS-27	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
		77																	
		78																	
		79																	
		80																	
		81	12 23 36	78	100	SS-28	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	-	
		82																	
		83																	
		84																	
		85																	
	738.1	86	27 32 40	95	100	SS-29	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
		EOB																	

NOTES: GROUNDWATER ENCOUNTERED AT 9.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 4 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-29-24 924A) 23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
T 614.714.0299
WWW.NEASINC.COM

DESIGNER: DT
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 119 TOTAL: 206
SHEET: P.1937 TOTAL: P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-014-0-23 (CONT.)

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:32:09 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL003.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 2/12/24 END: 2/13/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 44+64, 92' LT.
ALIGNMENT: I-70
ELEVATION: 822.8 (MSL) EOB: 71.5 ft.
LAT / LONG: 39.932301, -82.795889

EXPLORATION ID B-015-0-23

PAGE 1 OF 2

MATERIAL DESCRIPTION AND NOTES	ELEV. 822.8	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
6.0" CONCRETE AND 15.0" BASE (DRILLERS DESCRIPTION)	821.0																		
MEDIUM DENSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	818.8		6 7 14	28	72	SS-1	-	42	12	15	21	10	24	18	6	10	A-2-4 (0)	-	
MEDIUM DENSE TO DENSE, BROWN AND GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP SS-3 CONTAINS NO RECOVERY			9 10 16	34	44	SS-2	-	58	11	10	15	6	NP	NP	NP	6	A-1-b (0)	-	
			10 16 12	37	0	SS-3	-	-	-	-	-	-	-	-	-	-		-	
SS-4 AND SS-5 BECOME WET		W 815.3	7 6 5	14	17	SS-4	-	-	-	-	-	-	-	-	-	18	A-1-b (V)	-	
	810.8		3 7 5	16	39	SS-5	-	49	17	13	17	4	NP	NP	NP	16	A-1-b (0)	-	
STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO SOME GRAVEL, DAMP			4 5 7	16	56	SS-6	4.50	6	10	13	49	22	23	15	8	13	A-4a (7)	-	
			4 6 10	21	100	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			4 6 7	17	33	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			3 4 6	13	100	SS-9	2.50	20	11	16	33	20	23	14	9	12	A-4a (4)	-	
			3 4 5	12	100	SS-10	3.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			3 4 6	13	100	SS-11	2.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			3 3 4	9	100	SS-12	1.75	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			3 4 5	12	100	SS-13	2.25	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			3 3 8	14	100	SS-14	3.00	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
			4 7 10	22	100	SS-15	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
	779.5		8 10 14	32	100	SS-16	4.00	25	12	21	30	12	20	15	5	12	A-4a (1)	-	
VERY DENSE, GRAY, **COARSE AND FINE SAND**, LITTLE SILT, TRACE CLAY, TRACE GRAVEL, MOIST	774.5		8 16 23	51	100	SS-17	-	-	-	-	-	-	-	-	-	17	A-3a (V)	-	
DENSE, GRAY, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, CONTAINS NO INTACT SOIL FOR HP READINGS, DAMP	769.5		9 13 18	41	100	SS-18	-	5	4	12	57	22	22	14	8	14	A-4b (8)	-	
VERY DENSE, GRAY, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, WET @56.5'-61.0'; DRILLER NOTED COBBLES	764.5		7 36 27	83	100	SS-19	-	-	-	-	-	-	-	-	-	12	A-1-a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-29-24 924A) 23.GPJ

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 120 TOTAL 206
SHEET P.1938 TOTAL P.2024

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-015-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:32:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL004.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 44+64, 92' LT. | START: 2/12/24 | END: 2/13/24 | PG 2 OF 2 | B-015-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
@56.5'-61.0'; DRILLER NOTED COBBLES *(continued)*	762.8																		
VERY DENSE, MAROONISH BROWN AND GRAY, **STONE FRAGMENTS WITH SAND AND SILT** TRACE CLAY, DAMP	761.8	61	24 29 39	90	100	SS-20	-	-	-	-	-	-	-	-	-	8	A-2-4 (V)	-	
VERY DENSE, MAROONISH BROWN AND GRAY, **STONE FRAGMENTS WITH SAND AND SILT** TRACE CLAY, DAMP *(continued)*	759.5	62																	
VERY DENSE, BROWN, **COARSE AND FINE SAND** TRACE SILT, TRACE CLAY, TRACE GRAVEL, DAMP TO MOIST		63																	
		64																	
		65																	
		66	7 20 26	61	100	SS-21	-	-	-	-	-	-	-	-	-	16	A-3a (V)	-	
		67																	
		68																	
		69																	
		70																	
	751.3	71 EOB	9 27 32	78	100	SS-22	-	-	-	-	-	-	-	-	-	12	A-3a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 7.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 3 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-29-24 924A) 23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT | REVIEWER CH | 08/21/26

PROJECT ID 96808 | SUBSET 121 | TOTAL 206 | SHEET P.1939 | TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-015-0-23 (CONT.)

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:33:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL005.dgn

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS / J. HODGES | DRILL RIG: CME 75T | STATION / OFFSET: 45+05, 70' RT. | EXPLORATION ID: B-016-0-23
TYPE: BRIDGE | SAMPLING FIRM / LOGGER: NEAS / J. HODGES | HAMMER: CME AUTOMATIC | ALIGNMENT: I-70
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 1/24/22 | ELEVATION: 814.3 (MSL) EOB: 60.1 ft. | PAGE: 1 OF 2
START: 4/18/24 END: 4/19/24 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931913, -82.795576

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	HOLE SEALED
(CORED THROUGH 12.0" CONCRETE BRIDGE DECK AND LOWERED AUGERS 20.0' FROM DECK SURFACE TO GROUND SURFACE BELOW)	814.3	814.3																	
MEDIUM DENSE, GRAY, **GRAVEL**, SOME SAND, LITTLE SILT, TRACE CLAY, WET	812.8		7 6 9	20	17	SS-1	-	60	15	10	12	3	NP	NP	NP	11	A-1-a (0)	-	
DENSE, GRAY, **GRAVEL WITH SAND** TRACE SILT, TRACE CLAY, WET	811.3		6 9 15	32	39	SS-2	-	39	37	13	9	2	NP	NP	NP	15	A-1-b (0)	-	
DENSE, GRAY, **GRAVEL**, SOME SAND, TRACE SILT, TRACE CLAY, WET	809.8		6 15 10	33	22	SS-3	-	61	20	8	8	3	NP	NP	NP	9	A-1-a (0)	-	
MEDIUM DENSE, GRAY, **GRAVEL WITH SAND**, TRACE SILT, TRACE CLAY, WET	804.8		9 12 8	26	100	SS-4	-	41	37	13	7	2	NP	NP	NP	13	A-1-b (0)	-	
			13 10 7	22	100	SS-5	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
MEDIUM DENSE, GRAY, **COARSE AND FINE SAND** TRACE GRAVEL, TRACE SILT, TRACE CLAY, WET	803.3		16 10 8	24	100	SS-6A	-	-	-	-	-	-	-	-	-	19	A-3a (V)	-	
						SS-6B	2.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP			5 4 5	12	100	SS-7	4.00	18	13	17	32	20	23	15	8	12	A-4a (3)	-	
			3 4 6	13	100	SS-8	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			3 4 3	9	100	SS-9	2.25	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
			3 5 6	14	50	SS-10	2.25	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			2 5 6	14	100	SS-11	3.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			4 4 7	14	100	SS-12	3.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			7 15 14	38	78	SS-13	2.25	25	11	14	30	20	24	16	8	13	A-4a (3)	-	
			8 14 14	37	100	SS-14	3.25	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			6 10 14	32	100	SS-15	4.25	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
			7 12 19	41	100	SS-16	4.00	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			9 15 20	46	100	SS-17	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
	760.5																		
DENSE TO VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET			12 17 21	50	89	SS-18	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	

PID: 96808 SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 45+05, 70' RT. | START: 4/18/24 | END: 4/19/24 | PG 2 OF 2 | B-016-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	HOLE SEALED
SS-19 POUNDED ON COBBLE/BOULDER	754.3	EOB 754.2	50/1"	-	100	SS-19	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI\LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
614.714.0299
WWW.NEASINC.COM

DESIGNER: DT
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 122 TOTAL: 206
SHEET: P.1940 TOTAL: P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-016-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:34:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL006.dgn

B-001-0-65
44+44, 79' LT.
ELE (NAVD 88): 825.7ft

Bridge over Blacklick Creek Rear Abutment

LOG OF BORING

Date Started 5-19-65 | Sampler Type SS | Dia. 1 3/8" | Water Elev. ____
Date Completed 5-19-65 | Casing: Length ____ | Dia. ____
Boring No. B-1 | Station & Offset 44+44, 79' Lt (REAR ABUTMENT) | Surface Elev. 826.3

Elev.	Depth	Std. Pen. (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics % Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
826.3	0														
823.8	2														
	4	3/2			Brown Gravelly Sandy Clay	1	16	16	19	30	19	29	12	21	A-6a
821.3	6	11/12			Brown Silty Gravel	2	59	5	4	24	8	--	--	12	A-1-b
818.8	8	15/20			Brown Gravel	3	82	5	4	5	4	--	--	8	A-1-b
816.3	10	10/10			Gray Silty Sandy Gravel	4	44	20	14	14	8	NP	NP	10	A-1-b
813.8	12	15/18			Gray Sandy Silt	5	9	3	17	57	14	NP	NP	17	A-4a
811.3	14	17/18			Gray Gravelly Silt	6	32	4	6	40	18	22	6	15	A-4a
808.8	16	12/19			Gray Gravelly Sandy Silt	7	17	9	12	36	26	24	6	12	A-4a
806.3	18	20/18			Gray Gravelly Sandy Silt	8	16	6	10	42	26	23	6	13	A-4a
	20														
	22														
801.3	24	20/11			Gray Clayey Gravel	9	V	I	B	U	A	L		11	A-1-b
	26														
	28														
796.3	30	7/7			Gray Silty Gravel	10	65	4	8	13	10	--	--	16	A-1-b
	32														
	34														
791.3	36	12/19			Gray Silty Gravel	11	V	I	B	U	A	L		13	A-1-b
	38														
786.3	40	21/28			Gray Sandy Silt, Trace of Organic	12	0	1	42	45	12	NP	NP	17	A-4a
	42														
	44														
781.3	46	21/25			Gray Sandy Silt	13	0	1	39	46	14	NP	NP	18	A-4a
	48														
776.3	50	21/26			Gray Sandy Silt	14	0	2	28	49	21	NP	NP	16	A-4a
	52														
	54														
771.3	56	24/40			Gray Silty Sandy Gravel	15	40	23	13	14	10	NP	NP	15	A-1-b
	58														
766.3	60				BOTTOM OF BORING										
765.3		45/50			Gray Silty Sandy Gravel	16	49	11	9	17	14	22	6	15	A-1-b

B-016-0-65
45+56, 78' RT.
ELE (NAVD 88): 826.3ft

Bridge over Blacklick Creek Forward Abutment

LOG OF BORING

Date Started 5-13-65 | Sampler Type SS | Dia. 1 3/8" | Water Elev. ____
Date Completed 5-17-65 | Casing: Length 38' | Dia. 3 1/2"
Boring No. B-16 | Station & Offset 45+56, 78' Rt (FORWARD ABUTMENT) | Surface Elev. 826.9'

Elev.	Depth	Std. Pen. (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics % Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
826.9	0														
824.4	2														
	4	5/4			Brown Silty Sandy Gravel	1	36	17	17	21	9	--	--	13	A-2-4
821.9	6	14/16			Brown Silty Sandy Gravel	2	65	10	7	18	NP	NP	18	A-2-4	
819.4	8				No Sample Recovered - Boulders (Driller's Description)										
816.9	10	17/20			Gray Silty Sandy Gravel	3	59	15	8	11	7	--	--	4	A-1-b
814.4	12	17/13			Gray Sandy Gravel	4	66	17	8	9	NP	NP	5	A-1-b	
811.9	14	10/21			Gray Silty Sandy Gravel	5	68	11	7	14	NP	NP	5	A-1-b	
809.4	16	18/15			Gray Sandy Gravel	6	54	28	8	10	NP	NP	5	A-1-b	
806.9	18	39/28			No Sample Recovered - Boulder.										
	20														
	22														
801.9	24	37/15			Gray Sandy Gravel	7	64	17	9	10	NP	NP	21	A-1-b	
	26														
	28														
796.9	30	31/31			Gray Silty Sandy Gravel	8	64	14	4	18	NP	NP	6	A-1-b	
	32														
	34														
791.9	36	24/26			Gray Sandy Gravel with Boulders	9	75	11	5	9	NP	NP	10	A-1-b	
788.9	38				BOTTOM OF BORING										

SHEET P.1941 | TOTAL P.2024
SUBSET 123 | TOTAL 206
PROJECT ID 96808
REVIEWER CH 08/21/26
DESIGNER DT
DESIGN AGENCY NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 414-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
HISTORICAL BORING LOG B-001-0-65 & B-016-0-65

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:34:39 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL007.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 4/9/24 END: 4/9/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 45+67, 78' LT.
ALIGNMENT: I-70
ELEVATION: 835.5 (MSL) EOB: 61.5 ft.
LAT / LONG: 39.932352, -82.795524

EXPLORATION ID B-017-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 10.0" BASE (DRILLERS DESCRIPTION)	835.5																		
	833.2		14 12 4	21	28	SS-1	2.25	-	-	-	-	-	-	-	-	18	A-7-6 (V)	-	
STIFF TO VERY STIFF, BROWN AND GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, DAMP TO MOIST			2 2 2	5	50	SS-2	1.75	5	5	12	34	44	46	20	26	26	A-7-6 (16)	-	
			2 3 4	9	89	SS-3	3.50	-	-	-	-	-	-	-	-	27	A-7-6 (V)	-	
			2 2 7	12	100	SS-4	2.75	-	-	-	-	-	-	-	-	25	A-7-6 (V)	-	
			2 2 5	9	100	SS-5	2.75	-	-	-	-	-	-	-	-	23	A-7-6 (V)	-	
	826.0																		
VERY STIFF, BROWN AND DARK BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, SS-6 IS SLIGHTLY ORGANIC, DAMP			5 9 6	20	100	SS-6	4.00	17	9	26	31	17	30	20	10	16	A-4a (3)	-	
			3 3 4	9	100	SS-7	4.00	-	-	-	-	-	-	-	-	19	A-4a (V)	-	
	821.0																		
MEDIUM DENSE TO VERY DENSE, BROWN AND GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST TO WET			2 2 6	11	78	SS-8	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
		W 816.5	6 13 18	41	100	SS-9	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	-	
			28 16 8	32	33	SS-10	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	-	
			10 21 12	43	100	SS-11	-	55	18	10	14	3	NP	NP	NP	12	A-1-b (0)	-	
			3 4 7	14	100	SS-12	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
			7 24 21	59	28	SS-13	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
			4 10 13	30	44	SS-14	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
	802.2																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME TO "AND" GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP			11 16 21	49	100	SS-15	3.50	39	11	13	23	14	23	14	9	10	A-4a (0)	-	
	792.2																		
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			8 17 25	55	100	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			7 18 20	50	100	SS-17	4.50	16	11	15	34	24	25	15	10	11	A-4a (5)	-	
			23 20 25	59	56	SS-18	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			10 12 16	37	100	SS-19	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_92#A)_23.GPJ

SHEET	TOTAL
P.1942	P.2024

SUBSET	TOTAL
124	206

PROJECT ID: 96808

REVIEWER: CH 08/21/26

DESIGNER: DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER BLACKLICK CREEK
BORING LOG B-017-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:35:19 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL008.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 4/15/24 END: 4/15/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 23+47, 8' RT.
ALIGNMENT: SR-256
ELEVATION: 848.0 (MSL) EOB: 56.5 ft.
LAT / LONG: 39.933232, -82.789255

EXPLORATION ID B-022-0-23

PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
12.0" ASPHALT AND 5.5" BASE (DRILLERS DESCRIPTION)	848.0 846.5																		
VERY STIFF TO HARD, BROWN AND GRAYISH BROWN, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, SS-4 THROUGH SS-6 CONTAIN IRON STAINING, DAMP TO MOIST			4 7 8	20	78	SS-1	4.50	8	12	17	38	25	24	16	8	11	A-4a (6)	1247	
			2 4 7	14	28	SS-2	4.50	18	10	15	34	23	25	15	10	11	A-4a (4)	-	
			2 4 4	11	72	SS-3	4.00	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			2 7 8	20	83	SS-4	2.50	-	-	-	-	-	-	-	-	18	A-4a (V)	-	
			6 8 17	33	61	SS-5	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			4 9 12	28	39	SS-6	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
MEDIUM DENSE TO VERY DENSE, BROWN, **GRAVEL WITH SAND** LITTLE SILT, TRACE CLAY, MOIST TO DAMP	835.0		2 7 13	26	78	SS-7	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	-	
			50	-	83	SS-8	-	-	-	-	-	-	-	-	-	7	A-1-b (V)	-	
LOOSE TO DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, MOIST TO WET	830.0	W 829.5	12 12 13	33	17	SS-9	-	-	-	-	-	-	-	-	-	4	A-1-a (V)	-	
			3 4 1	7	44	SS-10	-	-	-	-	-	-	-	-	-	15	A-1-a (V)	-	
SOFT TO MEDIUM STIFF, GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP TO MOIST	825.0		3 4 6	13	100	SS-11	0.50	20	16	16	30	18	23	14	9	14	A-4a (3)	-	
			7 15 12	36	39	SS-12	0.75	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
DENSE, GRAY, **GRAVEL WITH SAND** LITTLE SILT, TRACE CLAY, MOIST	820.0		9 15 16	41	100	SS-13	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	-	
HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP	816.2		5 8 18	34	72	SS-14	4.50	20	15	18	31	16	21	14	7	12	A-4a (2)	-	
DENSE, GRAY, **GRAVEL WITH SAND** LITTLE SILT, TRACE CLAY, MOIST	811.2		11 15 15	40	100	SS-15	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, TRACE GRAVEL, TRACE SAND, MOIST	806.2		7 10 15	33	100	SS-16	4.25	1	0	0	65	34	32	20	12	24	A-6a (9)	-	
			7 11 18	38	100	SS-17	3.00	-	-	-	-	-	-	-	-	23	A-6a (V)	-	
	791.5	EOB	7 9 17	34	100	SS-18	4.50	-	-	-	-	-	-	-	-	24	A-6a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

SHEET	TOTAL
P.1943	P.2024

SUBSET	TOTAL
125	206

PROJECT ID: 96808

REVIEWER: CH 08/21/26

DESIGNER: DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER SR-256
BORING LOG B-022-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:36:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL009.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 4/15/24 END: 4/15/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 25+98, 3' RT.
ALIGNMENT: SR-256
ELEVATION: 850.6 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.933916, -82.789362

EXPLORATION ID B-023-0-23

PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
12.0" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	850.6 849.1																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	844.6		4 6 7	17	89	SS-1	4.50	9	12	18	37	24	23	15	8	10	A-4a (5)	-	
			5 4 6	13	100	SS-2	4.50	15	16	17	29	23	24	14	10	12	A-4a (3)	-	
			2 6 14	26	100	SS-3	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
MEDIUM DENSE TO VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST TO WET	838.2		6 8 16	32	44	SS-4	-	62	13	8	13	4	NP	NP	NP	5	A-1-b (0)	-	
			15 32 16	63	22	SS-5	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
		W 839.6	2 6 10	21	83	SS-6	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	-	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	832.6		2 7 9	21	100	SS-7	3.25	12	10	17	38	23	24	14	10	12	A-4a (5)	-	
			5 10 16	34	100	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
MEDIUM DENSE TO DENSE, GRAY, **COARSE AND FINE SAND**, TRACE GRAVEL, TRACE SILT, TRACE CLAY, WET	825.1		3 4 7	14	100	SS-9	-	-	-	-	-	-	-	-	-	17	A-3a (V)	-	
			7 12 18	40	100	SS-10	-	-	-	-	-	-	-	-	-	14	A-3a (V)	-	
			7 10 19	38	100	SS-11	-	-	-	-	-	-	-	-	-	17	A-3a (V)	-	
DENSE TO VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	808.8		8 15 26	54	100	SS-12	-	30	19	36	12	3	NP	NP	NP	12	A-1-b (0)	-	
			8 16 25	54	100	SS-13	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
			12 17 19	47	100	SS-14	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
			12 20 24	58	100	SS-15	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
VERY DENSE, GRAY, **COARSE AND FINE SAND** TRACE GRAVEL, TRACE SILT, TRACE CLAY, WET	803.1		9 16 24	53	100	SS-16	-	-	-	-	-	-	-	-	-	11	A-3a (V)	-	
VERY DENSE, GRAY, **GRAVEL WITH SAND** LITTLE SILT, TRACE CLAY, WET	799.1	EOB	11 18 27	59	100	SS-17	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 11.0' DURING DRILLING. HOLE DID NOT CAVE.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 126 TOTAL 206
SHEET P.1944 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER SR-256
BORING LOG B-023-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:36:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL010.dgn

B-004-0-65
62+99, 76' LT.
ELE (NAVD 88):
864.6 ft

LOG OF BORING

Bridge over SR-256 Rear Abument

Date Started 5-11-65 | Sampler Type SS | Dia. 1 3/8" | Water Elev. ———
Date Completed 5-12-65 | Casing: Length 45' | Dia. 3 1/2"
Boring No. B-4 | Station & Offset 62+99, 76' Lt (REAR ABUTMENT) | Surface Elev. 865.2'

Elev.	Depth	Std. Pen. (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics % Agg	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
865.2	0														
	2														
	4														
860.2	6	2/2			Brown Clayey Sandy Gravel	1	44	15	9	18	14	36	18	16	A-4a
	8														
855.2	10	2/5			Gray Gravelly Sandy Silt	2	23	15	19	25	18	23	7	11	A-4a
852.7	12	8/9			Gray Clayey Gravel	3	V	I	S	U	A	L	21	8	6 A-1-b
850.2	14	7/12			Gray Gravelly Sandy Silt	4	16	9	10	43	22	25	9	9	A-4a
847.2	16	8/13			Gray Sandy Gravelly Silt	5	25	10	13	32	20	25	9	7	A-4a
845.2	18	9/13			Gray Gravelly Sandy Silt	6	21	11	15	34	19	23	10	14	A-4a
842.2	20	8/12			Gray Sandy Gravelly Silt	7	31	8	13	29	19	23	8	13	A-4a
840.2	22	19/25			Brown Sandy Gravelly Silt	8	30	9	9	32	20	29	10	16	A-4a
837.7	24	14/34			Brown Sandy Gravelly Silt	9	29	10	7	35	19	22	7	7	A-4a
835.2	26	50* (0.7')			Brown Sandy Gravel	10	69	15	6	-10-		NP	NP	5	A-1-b
	28														
	30														
830.2	32	27/45			Gray Gravelly Sandy Silt	11	24	9	17	34	16	22	5	11	A-4a
	34														
	36														
825.2	38														
	40	25/41			Gray Silty Gravelly Sand	12	29	17	22	24	8	NP	NP	14	A-1-b
	42														
820.2	44	30/38			Gray Silty Sandy Gravel	13	48	21	19	-12-		NP	NP	9	A-1-b
	46														
	48				BOTTOM OF BORING										
815.2	50	41/52			Gray Silty Sandy Gravel	14	45	22	10	17	6	NP	NP	6	A-1-b
814.2					*Refusal										

B-017-0-65
64+47, 96' RT.
ELE (NAVD 88):
864.7 ft

LOG OF BORING

Bridge over SR-256
Forward Abutment

Date Started 5-7-65 | Sampler Type SS | Dia. 1 3/8" | Water Elev. ———
Date Completed 5-11-65 | Casing: Length 50' | Dia. 3 1/2"
Boring No. B-17 | Station & Offset 64+47, 96' Rt (FORWARD ABUTMENT) | Surface Elev. 865.3'

Elev.	Depth	Std. Pen. (N)	Rec. ft.	Loss ft.	Description	Sample No.	Physical Characteristics % Agg	% C.S.	% F.S.	% Silt	% Clay	L.L.	P.I.	W.C.	SHTL Class.
865.3	0														
	2														
	4														
860.3	6	10/16			Brown and Gray Sandy Gravelly Clay	1	31	8	10	31	20	27	11	16	A-6a
857.8	8	15/13			Brown and Gray Sandy Gravelly Clay	2	34	6	11	32	17	28	12	15	A-6a
855.3	10	9/11			Gray Sandy Gravelly Clay	3	46	5	9	24	16	26	12	11	A-6a
852.8	12	6/11			Gray Sandy Gravelly Silt	4	39	7	10	18	26	24	7	13	A-4a
850.3	14	9/11			Gray Sandy Gravelly Silt	5	27	10	13	30	20	24	9	11	A-4a
847.8	16	8/14			Gray Sandy Gravelly Silt	6	32	9	13	29	17	24	8	13	A-4a
845.3	18	15/11			Gray Sandy Gravelly Silt	7	29	7	12	35	17	25	9	13	A-4a
842.8	20	16/17			No Sample Recovered										
840.3	22	20/17			Gray Silty Sandy Gravel	8	V	I	S	U	A	L	PL	14	10 A-1-b
	24														
	26														
835.3	28	18/16			Gray Silty Sandy Gravel	9	40	10	12	25	13	--	--	6	A-1-b
	30														
	32														
830.3	34	30/55			Gray Silty Gravelly Sand	10	25	24	31	15	5	NP	NP	11	A-1-b
	36														
	38														
825.3	40	15/22			Gray Silty Sandy Gravel	11	50	22	12	-16-		NP	NP	8	A-1-b
	42														
	44														
820.3	46	30/50			Gray Silty Gravelly Sand (Heaved in Casing)	12	20	31	29	-20-		NP	NP	11	A-1-b
	48				BOTTOM OF BORING										
815.3	50	17/40			Gray Silty Sand (Heaved in Casing)	13	10	41	23	-26-		NP	NP	9	A-1-b
814.3															

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P.1945	P.2024	127	206	96808	CH 08/21/26	DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
(614) 714-0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER SR-256
HISTORICAL BORING LOG B-004-0-65 & B-017-0-65

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:37:18 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL011.dgn

B-003-0-74
65+45, 5' RT.
ELE (NAVD 88):
870.1 ft

Bridge over SR-256
Forward Abutment

State of Ohio
Department of Transportation
Division of Highways
Testing Laboratory

3/7

LOG OF BORING

Date Started 1-22-74 Sampler: Type HOLLOW STEM AUGER Dia. _____ Water Elev. _____
Date Completed 1-22-74 Casing: Length _____ Dia. _____

Project Identification: FAIRFIELD
FAI - 70 -1.00
FOUNDATION INVESTIGATION
LIGHT TOWERS

Boring No. B-3 Station & Offset 65+45 - 5' RT - IR 70 Surface Elev. 870.7'

Elev.	Depth	Std. Pen. (N)	Description	Kip/sq FT	Field No.	Lab. Nos. So.	% Agg.	% C.S.	% F.S.	% Silt	% Clay	L.L.	PI	W.C.	SHTL Class
870.7	0		SOD = 0.3'												
868.2	2														
865.7	4	10/20/19	BROWN GRAVEL WITH SAND	10	1	73616	44	18	12	16	10	NP	NP	9	A-2-4
863.2	6	6/5/4	BROWN SANDY SILT AND CLAY	3.5	2	73617	0	5	18	42	35	31	12	23	A-6a
860.7	8	3/4/7	BROWN SANDY SILT AND CLAY WITH GRAVEL	5	3	73618	24	11	17	24	24	34	14	24	A-6a
858.2	10	4/3/4	BROWN SANDY SILT AND CLAY	3	4	73619	11	11	18	33	27	28	10	19	A-4a
855.7	12	6/8/14	GRAY SANDY SILT AND CLAY AND GRAVEL	7	5	73620	36	8	13	24	19	25	10	14	A-4a
853.2	14	5/7/18	BROWNISH-GRAY SAND, SILT AND CLAY WITH GRAVEL	8	6	73621	28	10	14	25	23	31	15	12	A-6a
850.7	16	9/24/20	GRAY GRAVEL WITH SAND	10	7	73622	60	9	7	11	13	--	--	16	VISUAL
849.2	18	12/27/24	GRAY GRAVEL WITH SAND SILT AND CLAY	11	8	73623	44	8	10	20	18	27	10	20	A-4a
	20		BOTTOM OF BORING												
	22														
	24														
	26														
	28														
	30														
	32														
	34														
	36														

Form TE-153 Particle Sizes: Agg.= >2.00mm, Coarse Sand=2.00-0.42mm, Fine Sand=0.42-0.074mm, Silt=0.074-0.005mm, Clay=≤0.005mm

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR., SUITE 240 COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 128 TOTAL 206
SHEET P.1946 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER SR-256
HISTORICAL BORING LOG B-003-0-74

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:37:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL012.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 4/10/24 END: 4/10/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 165+41, 73' LT.
ALIGNMENT: I-70
ELEVATION: 1005.9 (MSL) EOB: 66.5 ft.
LAT / LONG: 39.945926, -82.757415

EXPLORATION ID B-057-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 7.5" BASE (DRILLERS DESCRIPTION)	1004.0																		
HARD, BROWN, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, DAMP	1001.4		5 5 6	14	56	SS-1	4.50	24	21	15	26	14	25	16	9	12	A-4a (1)	-	
			4 5 5	13	100	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
STIFF TO HARD, BROWN, **SILTY CLAY**, LITTLE TO SOME SAND, TRACE GRAVEL, DAMP TO MOIST			2 2 3	7	100	SS-3	2.50	-	-	-	-	-	-	-	-	17	A-6b (V)	-	
			2 3 4	9	100	SS-4	1.75	-	-	-	-	-	-	-	-	20	A-6b (V)	-	
			1 3 6	12	100	SS-5	4.50	10	5	13	36	36	39	19	20	19	A-6b (11)	-	
			4 6 10	21	100	SS-6	4.50	-	-	-	-	-	-	-	-	18	A-6b (V)	-	
			2 11 7	24	100	SS-7	3.75	10	8	16	35	31	33	17	16	16	A-6b (9)	-	
	988.9		3 6 10	21	100	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	-	
LOOSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, MOIST	986.4		2 3 2	7	100	SS-9	-	28	21	22	20	9	NP	NP	NP	15	A-2-4 (0)	-	
LOOSE TO MEDIUM DENSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, IRON STAINING, WET		W 985.9	2 3 4	9	100	SS-10	-	-	-	-	-	-	-	-	-	20	A-1-b (V)	-	
			1 2 3	7	78	SS-11	-	45	20	12	14	9	NP	NP	NP	19	A-1-b (0)	-	
			5 7 4	14	100	SS-12	-	-	-	-	-	-	-	-	-	16	A-1-b (V)	-	
	978.9																		
MEDIUM DENSE, BROWN, **COARSE AND FINE SAND**, LITTLE GRAVEL, TRACE SILT, TRACE CLAY, WET	976.4		2 7 4	14	100	SS-13	-	-	-	-	-	-	-	-	-	22	A-3a (V)	-	
SOFT TO STIFF, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, MOIST TO DAMP			2 2 2	5	89	SS-14	0.50	9	12	16	42	21	22	14	8	15	A-4a (6)	-	
			3 11 7	24	100	SS-15	1.25	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
	971.4																		
DENSE, BROWN AND GRAY, **GRAVEL WITH SAND**, TRACE SILT, TRACE CLAY, WET			8 11 13	32	100	SS-16	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
			9 12 15	36	100	SS-17	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
	962.6																		
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP TO MOIST			5 10 15	33	100	SS-18	4.50	14	9	16	35	26	27	15	12	13	A-6a (6)	-	
			8 12 19	41	100	SS-19	3.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
			6 11 13	32	100	SS-20	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI\LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-26-24_92AA) 23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 129 TOTAL 206
SHEET P.1947 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER PALMER ROAD
BORING LOG B-057-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:38:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL013.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 165+41, 73' LT. | START: 4/10/24 | END: 4/10/24 | PG 2 OF 2 | B-057-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP TO MOIST *(continued)*		61	7 10 15	33	100	SS-21	2.50	-	-	-	-	-	-	-	-	18	A-6a (V)	-	
		62																	
		63																	
		64																	
		65																	
	939.4	66 EOB	10 13 14	36	100	SS-22	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 3 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-26-24_924A) 23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26
PROJECT ID 96808
SUBSET 130 TOTAL 206
SHEET P.1948 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER PALMER ROAD
BORING LOG B-057-0-23 (CONT.)

MICROFILMED
MAR 24 1986

Bridge over Palmer Road

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

17/25

LICKING COUNTY
LIC-70-0.33

2/4

L-001-0-64
163+41, 63' LT.
ELE (NAVD 88):
996.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#16 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 4-4-64 DATE COMPLETED 4-4-64
BORING No. L-1 STATION AND OFFSET 270+30, 76'L SURFACE ELEV. 997.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 13.0' AFTER 0 HOURS 23.5' SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
996.7					TOPSOIL									
	2													
	4	1	12	94	CLAY, br. and c. sand, trc. rock frags. to 1-1/2" max.	12.8	26.0	35.7	9.7	15.8	32.7	26.8	17.4	A-2-6
	6	2	22	100		13.9	20.6	34.2	14.3	17.0	24.4	17.4	14.9	A-2-6
988.0	8													
	10													
	12	3	23	100	CLAY, gy.-bk, silty, sm. c. sand, trc. rock frags. to 1-3/4" max.	9.6	23.4	17.1	24.1	25.8	20.8	3.2	12.4	A-4a
984.0	14	4	25	100	SAND SEAM, gy., f.-c., wet.	32.0	22.6	24.6	9.9	10.9	19.7	12.9	10.0	A-2-6
983.5	16	5	37	94		9.6	25.0	27.0	18.4	20.0	19.7	1.5	10.5	A-4a
	18	6	21	100	CLAY, gy., silty, sm. f.-c. sand.	10.0	23.5	36.3	15.0	15.2	18.1	2.9	11.7	A-3a
	20	7	26	67		8.0	30.1	19.4	21.8	20.7	20.4	0	12.0	A-4a
	22													
	24	8	30	94		9.0	27.0	36.0	15.1	12.9	16.8	3.8	11.4	A-3a
	26	9	33	100		10.0	35.4	13.3	21.7	19.6	21.6	1.6	10.8	A-4a
	28													
	30	10	34	100		11.2	37.4	30.4	9.9	11.1	23.1	2.6	10.8	A-3a
	32	11	46	94		6.5	31.5	10.7	27.1	24.2	24.4	0.4	19.0	A-4a
	34													
	36	12	47	100	CLAY, gy., silty, sm. f.-c. sand.	0.5	43.5	43.0	7.3	5.7	20.8	20.8	10.3	A-2-6
	38													
	40													
	42	13	58	100		0.1	59.0	29.7	7.8	3.4	5.0	9.4	10.3	A-2-4
	44													
	46	14	81	100		1.6	52.3	0.4	29.3	16.4	22.6	5.6	9.1	A-4a
	48													
	50													
945.5		15	82	100		8.5	28.1	12.5	30.3	20.6	22.8	9.3	9.2	A-4a
					Bottom of boring @ 51.5'									

L-002-0-64
164+55, 26' LT.
ELE (NAVD 88):
992.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 4-8-64 DATE COMPLETED 4-8-64
BORING No. L-2 STATION AND OFFSET 271+40, 36'L SURFACE ELEV. 993.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 4' AFTER 0 HOURS 8.0' SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
992.2					TOPSOIL									
	2													
	4	1	13	100	CLAY, br.-gy., silty, trc. f. gravel.	3.5	19.0	20.3	32.2	25.0	36.3	17.7	21.9	A-6b
	6	2	7	40		33.9	33.7	21.2	6.2	5.0	28.3	12.0	23.7	A-2-6
984.0	8													
	10													
	12	3	2	33	CLAY, gy., silty, sm. c. sand., trc. f. gravel.	35.7	39.7	0.4	24.2	-	31.4	9.7	F.W.	A-2-4
980.0	14				SAND SEAM									
	16	4	12	100	CLAY, br.-gy., silty and sandy, trc. f. gravel.	13.5	26.9	4.8	53.0	1.8	22.1	8.5	12.9	A-4b
	18	5	21	100		3.8	12.7	51.7	22.7	9.1	17.9	5.9	15.8	A-3a
973.0	20													
	22	6	26	53	SAND, gy., silty, trc. f. gravel.	45.8	28.8	7.0	14.6	3.8	-	N.P.	12.8	A-1b
	24	7	83	47		36.4	35.8	10.4	17.4	-	-	N.P.	12.3	A-1b
	26													
	28	8	53	100		26.3	40.1	0.9	7.2	26.4	-	N.P.	11.3	A-3a
	30	9	33	27		37.2	25.6	27.7	9.5	-	-	N.P.	F.W.	A-1b
959.0	32	10	44	67	SAND, br., trc. f. gravel.	36.9	38.1	0.4	13.0	11.6	24.3	12.8	F.W.	A-2-6
	34													
	36	11	34	100	CLAY, br.-gy., silty sm. sand, trc. f. gravel.	5.3	20.6	42.8	13.0	18.3	31.3	10.0	16.4	A-2-4
	38													
	40													
	42	12	97	100		9.3	25.3	8.2	31.2	26.0	26.4	8.2	10.5	A-4a
	44													
	46	13	66	100		10.3	23.2	38.7	13.5	14.3	21.7	7.1	10.0	A-2-4
	48													
	50													
		14	66	100		9.0	23.8	18.0	24.9	24.3	21.8	5.1	10.1	A-4a
					Bottom of boring @ 51.5'									

L-004-0-64
164+77, 64' LT.
ELE (NAVD 88):
991.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 4-3-64 DATE COMPLETED 4-4-64
BORING No. L-4 STATION AND OFFSET 271+35, 75'L SURFACE ELEV. 992.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE - AFTER 0 HOURS 5.2' SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
	2				FILL, br. sandy clay									
988.0	4													
	6	1	6	67	SAND, br., loose, silty, trc. gravel.	36.8	33.1	19.7	3.2	7.2	35.7	4.2	23.8	A-1b
	8													
	10													
	12	2	2	60		23.4	49.2	0.4	13.6	13.4	30.5	3.0	F.W.	A-1b
976.5	14													
976.0	16	3	41	53	CLAY, br., sandy.	22.0	38.7	20.6	18.7	-	28.4	0	F.W.	A-1b
	18	4	32	73	SILT, gy., clayey, sm. gravel.	17.6	23.4	0.3	32.1	26.6	28.5	0	11.5	A-4a
972.0	20													
	22	5	24	80	SAND, gy., silty, sm. f. gravel.	30.2	18.4	38.2	13.2	-	-	N.P.	F.W.	A-3a
	24	6	25	93		27.0	33.7	26.6	12.7	-	-	N.P.	F.W.	A-1b
	26	7	29	93		28.6	49.6	0.1	21.7	-	-	N.P.	F.W.	A-1b
964.0	28	8	37	60		10.7	22.7	36.6	11.8	18.2	25.7	10.9	12.9	A-2-6
	30				CLAY, br., silty, trc. gravel.									
	32	9	52	67		7.5	27.7	0.6	30.0	34.2	33.2	0	13.4	A-4a
	34				CLAY, gy., c. -f. sand, trc. gravel									
	36	10	55	100		9.4	23.4	37.2	12.9	17.1	24.7	0	10.0	A-3a
	38													
	40													
	42	11	+100	93		12.6	33.0	29.2	12.0	13.2	23.8	1.9	9.5	A-3a
	44													
945.5	46	12	70	100		8.6	33.4	35.0	10.9	12.1	23.5	2.5	31.7	A-3a
	48				Bottom of boring @ 46.5'									

DODSON, KINNEY & LINDBLOM
CONSULTING ENGINEERS

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO. LIC-70-0073 L&R
PROPOSED I.R.70 OVER
TOWNSHIP ROAD 36
SEC. LIC-70-0.33
BORING DATA

DRAWN BY	CHECKED BY	REVIEWED BY	DATE
R.D.M.	R.B.L.	C.T.L.	DEC., 1964

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER PALMER ROAD
HISTORICAL BORINGS L-001-0-64 & L-002-0-64 & L-004-0-64

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 131 TOTAL 206
SHEET P.1949 TOTAL P.2024

FAI/LIC-70-0.00-0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:38:54 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoffkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL014.dgn

MICROFILMED
MAR 24 1966

Bridge over Palmer Road

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

18/25

LICKING COUNTY
LIC-70-0.33

3/4

R-001-0-64
164+80, 63' RT.
ELE (NAVD 88):
994.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 3-30-64 DATE COMPLETED 3-30-64
BORING No. R-1 STATION AND OFFSET 271+95, 76'R. SURFACE ELEV. 995.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 18' AFTER - HOURS - SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
994.0	2				ROAD FILL									
992.5					TOPSOIL									
	4	1	8	47		23.2	31.4	22.5	9.2	13.7	33.6	15.7	18.3	A-2-6
	6	2	14	67	CLAY, br. -gy., silty, sandy, trc. f. gravel	13.0	28.8	31.6	10.8	15.8	36.9	20.8	19.2	A-2-6
	8													
986.3		3	12	100	SAND SEAM.	8.5	31.3	34.2	11.7	14.3	28.2	14.4	17.4	A-2-6
985.5	10													
	12	4	12	47	CLAY, gy. - br., silty, sandy, trc rock frags. to 2" max.	20.1	25.3	31.5	10.1	13.0	34.1	18.7	18.1	A-2-6
	14	5	6	47		15.0	29.3	27.3	12.6	15.8	30.7	10.1	19.6	A-2-6
979.5	16													
977.8		6	13	53	SAND SEAM, f. - c. sand & gravel.	20.5	25.0	26.5	15.5	12.5	23.2	7.3	14.5	A-2-4
	18													
	20				CLAY, gy., silty, w/ c. - med. sand & trc. rock frags. to 2" max.									
	22													
	24	7	44	40		17.4	21.9	27.9	18.0	14.8	23.9	10.2	11.0	A-2-4
	26	8	36	60		31.5	24.1	23.0	11.9	9.5	24.8	9.8	11.0	A-2-4
968.0	28													
	30	9	52	27	GRAVEL, gy., and c. & f. sand.	43.0	24.0	15.7	10.3	7.0	-	-	17.6	A-3a
	32	10	52	74		42.4	20.6	18.6	10.7	7.7	22.4	4.5	9.2	A-3a
961.0	34	11	21	80		12.5	25.9	29.4	15.7	16.5	24.4	1.5	13.7	A-3a
	36				CLAY, gy., silty, sm. c. sand.									
	38	12	28	87		10.5	25.8	32.8	12.7	18.2	23.6	11.0	13.2	A-2-6
	40													
	42	13	33	67		9.6	26.0	30.1	14.1	20.2	25.4	15.0	14.0	A-2-6
	44													
	46	14	35	87		8.2	22.3	36.1	15.6	17.8	26.5	12.9	13.6	A-2-6
947.0	48													
	50				SILT, gy. clayey, and f. - med. sand.									
	52	15	25	93		5.2	18.7	29.8	23.9	22.4	25.6	9.9	14.9	A-4a
	54													
938.0	56	16	23	93		6.2	17.2	48.4	16.3	11.9	19.6	5.8	14.1	A-3a
	58	17	31	87	SILT, gy., trc. med. - c. sand.	11.5	15.1	42.2	15.9	15.3	24.1	8.8	17.8	A-2-4
	60													
	62	18	86	74		14.6	11.9	44.8	15.7	13.0	23.8	9.9	10.8	A-2-4
	64													
	66	19			SILT, gy., trc. med. -c. sand.	10.0	30.2	34.4	13.2	12.2	22.4	7.7	10.7	A-2-4
	68													
923.5	70	20			Bottom of boring @ 71.5'	6.0	14.2	50.5	15.7	13.6	21.7	9.1	11.6	A-2-4

R-002-0-64
166+40, 63' RT.
ELE (NAVD 88):
997.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 4-2-64 DATE COMPLETED 4-3-64
BORING No. R-2 STATION AND OFFSET 272+90, 75'R. SURFACE ELEV. 998.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 19' AFTER - HOURS - SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
996.0	2				ROAD FILL									
	4	1	17	80	CLAY and SILT, br., sm. c. sand	7.0	19.0	37.6	15.1	21.3	34.8	16.7	16.8	A-6a
	6	2	28	73		12.1	20.0	36.0	13.0	18.9	34.0	11.9	15.4	A-2-6
988.5	8													
	12	3	23	87	CLAY, gy., silty, sm. f.-c. sand.	10.4	21.8	30.4	16.2	21.2	29.0	11.6	13.8	A-2-6
	14													
	16	4	15	87		14.5	25.3	31.6	13.8	14.8	24.6	10.2	11.6	A-2-6
	18													
	20	5	13	93		11.4	23.0	29.4	18.5	17.7	24.0	6.2	11.8	A-4a
	22	6	15	80		10.8	28.2	33.2	14.0	13.8	23.3	7.1	10.8	A-2-4
972.5	24	7	21	60		11.0	24.6	30.9	17.0	16.5	25.1	11.3	11.3	A-2-6
	26	8	36	80	SAND, gy, f.-c., trc. f. gravel.	31.4	36.1	20.6	6.6	5.3	23.4	5.1	9.1	A-3a
	28	9	71	67		17.2	24.6	40.0	-	-	-	-	12.4	A-3a
	30	10	97	27		51.2	21.9	15.7	-	-	-	-	10.3	A-3a
964.5	32													
	34	11	34	47	SAND, gy., med. -c., trc. f. gravel	12.5	26.9	40.2	-	-	-	-	17.2	A-2-4
	36	12	22	40		10.5	25.5	36.0	14.4	13.6	24.4	6.8	14.4	A-2-4
	38													
	40				CLAY, gy., sandy, sm. rock frags.									
	42	13	47	40		14.0	23.9	24.1	19.8	18.2	24.8	10.9	14.4	A-4a
	44													
	46	14	34	100		6.8	27.4	35.8	9.4	20.6	28.9	8.6	11.8	A-2-4
	48													
	50													
	52	15	31	100		14.2	32.0	24.2	14.2	15.4	29.7	12.0	12.9	A-2-6
944.0	54													
	56	16	63	100	CLAY, gy., silty, trc. f. gravel.	8.9	25.7	38.4	14.0	13.0	23.6	9.3	9.5	A-2-4
	58													
	60													
	62	17	82	100		7.2	28.6	29.4	19.3	15.5	23.0	8.3	9.1	A-2-4
	64													
931.5	66	18	56	100	CLAY, gy., silty, trc. f. gravel	9.7	24.3	38.2	14.7	13.1	24.2	6.6	9.7	A-2-4
					Bottom of boring @ 66.5'									

L-003-0-64
165+84, 26' LT.
ELE (NAVD 88):
998.9 ft

LABORATORY LOG OF BORING

PROJECT @ T.R.#36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 5-6-64 DATE COMPLETED 5-6-64
BORING No. L-3 STATION AND OFFSET 272+36, 36'L SURFACE ELEV. 999.5 DRILLER Piper CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 12.5' AFTER 0 HOURS 21.0' SAMPLER: TYPE STD. PEN. DIA. 2" OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
998.0	2				ROAD FILL									
	4	1	11	87	CLAY, br., silty, sm. sand, trc. f. gravel.	9.2	25.9	14.5	19.6	30.7	36.9	10.4	18.3	A-4a
	6	2	8	87		10.5	29.9	35.4	10.4	13.8	28.6	7.2	17.3	A-2-4
	8													
990.8		3	7	100		10.2	32.3	1.3	27.4	28.8	27.4	15.0	14.5	A-6a
	10				SAND, br., clayey and silty, trc. f. gravel rock frags.									
	12	4	7	100		22.7	39.9	18.1	6.6	12.7	36.0	15.9	21.2	A-2-6
	14	5	6	87		42.9	30.5	17.9	3.3	5.4	-	N.P.	20.4	A-1b
983.2	16	6	2	93	SILT, br., sandy and clayey.	18.2	25.8	14.2	21.7	20.1	24.8	12.6	19.2	A-6a
982.7	18	7	14	33	CLAY, gy., silty, sm. sand, trc. f. gravel.	14.0	23.8	32.4	14.5	15.3	23.6	1.2	16.8	A-3a
	20													
	22	8	12	27		19.6	23.1	0.2	31.4	25.7	22.9	7.2	11.4	A-4b
	24	9	11	100		9.9	26.6	33.1	15.8	14.6	18.7	7.4	12.7	A-2-4
	26	10	10	100		17.2	23.1	1.4	31.7	26.6	17.2	3.7	12.1	A-4b
971.5	28													
	30	11	24	40	SAND, dk. gy., trc. silt and f. gravel.	25.0	42.2	26.0	3.9	2.9	-	N.P.	19.6	A-1b
	32													
	34	12	40	100	SAND, br.-gy., silty, sm. f. gravel, trc. rock frags.	41.5	22.4	0.3	24.6	11.2	-	N.P.	13.0	A-1b
	36													
	38													
	40	13	21	100		22.7	37.9	30.3	5.0	4.1	-	N.P.	15.8	A-1b
956.5	42													
	44	14	20	80	CLAY, gy., silty, sm. sand, trc. f. gravel.	6.2	28.3	1.7	30.9	32.9	26.9	12.5	15.7	A-6a
	46													
	48													
	50	15	24	93		11.9	59.1	8.6	10.2	10.2	28.0	11.2	13.5	A-2-6
	52													
	54	16	24	100		6.5	29.3	34.8	13.9	15.5	24.8	9.5	14.3	A-2-4
	56													
	58													
939.5	60	17	42	100		9.8	26.1	25.7	19.4	19.0	25.0	12.7	12.0	A-6a
					Bottom of boring @ 60.0									

DODSON, KINNEY & LINDBLOM
CONSULTING ENGINEERS

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO LIC-70-0073 L&R
PROPOSED I.R. 70 OVER
TOWNSHIP ROAD 36
SEC LIC-70-0.33

BORING DATA

DRAWN BY	CHECKED BY	REVIEWED BY	DATE
R.D.M.	R.B.L.	C.T.L.	DEC., 1964

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER PALMER ROAD
HISTORICAL BORINGS R-001-0-64 & R-002-0-64 & L-003-0-64

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc.
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 132 TOTAL 206
SHEET P.1950 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL015.dgn
ZL015.dgn

MICROFILMED
MAR 25 1986

Bridge over Palmer Road

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

19/25

4/4

LICKING COUNTY
LIC-70-0.33

R-003-0-64
166+42, 25' RT.
ELE (NAVD 88):
999.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R. #36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 5-5-64 DATE COMPLETED 5-5-64
BORING No. R-3 STATION AND OFFSET 273+07, 36'R SURFACE ELEV. 1000.0 DRILLER Piper CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE @3.5' AFTER 12 HOURS 30.5' SAMPLER: TYPE STD. PEN. DIA. 2"OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
999.0	2				TOPSOIL									
996.0	4	1	8	93	CLAY, br., sandy, sm. f. gravel	12.5	21.5	38.4	9.5	18.1	39.6	20.3	18.4	A-2-6
993.0	6	2	14	100	CLAY and SILT, br., sandy	10.0	21.5	30.1	16.0	22.4	28.6	15.2	13.9	A-6a
	8	3	16	100	CLAY, br.-gy., sandy, trc. rock frags. (coal)	11.0	26.8	34.8	11.3	16.1	27.6	8.3	13.7	A-2-4
	10													
	12	4	22	100		9.5	25.9	33.0	13.0	18.6	27.5	13.1	12.6	A-2-6
987.5	14	5	11	87		9.2	29.1	34.1	12.0	15.6	24.7	10.1	12.7	A-2-4
	16	6	8	80	CLAY and SILT, gy., trc. f. gravel	14.0	21.1	29.7	16.6	18.6	24.5	11.8	14.8	A-2-6
	18	7	9	93		14.1	26.4	32.0	12.5	15.0	25.7	4.4	13.1	A-2-4
	20													
	22													
	24	8	10	100		10.5	27.3	12.8	25.2	24.2	23.3	6.9	12.6	A-4a
	26	S-1	-	100		13.0	30.4	27.4	13.5	15.7	26.0	4.1	12.4	A-3a
972.0	28	9	35	67	SAND & GRAVEL, gy., to 1-1/2" max.	51.0	22.8	17.4	-	-	-	N.P.	10.9	A-3
	30	10	48	67	sm. fines	52.0	25.0	9.8	-	-	-	N.P.	11.1	A-3
	32				SAND & gravel, gy., to 1-1/2" max., sm. fines									
	34													
	36	11	21	60		52.8	31.2	9.2	-	-	-	N.P.	F.W.	A-3
	38													
959.5	40													
	42	12	19	80		7.7	28.6	29.2	14.5	20.0	26.8	10.7	12.7	A-2-6
	46	13	29	93	CLAY, gy., silty, trc. c. sand	13.0	36.5	27.3	9.7	13.5	27.4	12.2	12.7	A-2-6
	48													
	50													
	52	14	32	100	CLAY, gy., silty, trc. f. gravel	7.0	31.0	31.0	12.6	18.4	27.3	13.3	12.7	A-2-6
	54													
	56	15	32	100		8.0	30.0	32.5	12.0	17.5	28.2	13.6	13.8	A-2-6
	58													
	60													
938.5		16	60	100		15.0	34.3	22.2	15.5	13.0	24.0	10.8	10.0	A-2-6
					Bottom of boring @ 61.5'									

R-004-0-64
165+22, 25' RT.
ELE (NAVD 88):
993.4 ft

LABORATORY LOG OF BORING

PROJECT @ T.R. #36 SECTION LIC-70-0.33 BRIDGE No. LIC-70-0073 DATE STARTED 4-8-64 DATE COMPLETED 4-8-64
BORING No. R-4 STATION AND OFFSET 271+95, 38'R SURFACE ELEV. 994.0 DRILLER Messer CASING: LENGTH - DIA. -
WATER ELEV.: IMMEDIATE 4.2' AFTER 6 HOURS 2.2' SAMPLER: TYPE STD. PEN. DIA. 2"OD

ELEV.	Depth	SAMPLE No.	STD. PEN. (N)	% REC.	CLASSIFICATION	Physical Characteristics %Agg.	%C.S.	%F.S.	% SILT	% CLAY	L.L.	P.I.	W.C.	SHTL CLASS
G.S.	0													
993.1					CINDERS									
992.3	2				TOPSOIL									
989.8	4	1	15	100	CLAY, br., silty, sm. sand	10.5	22.0	40.1	9.2	18.2	36.0	18.8	17.8	A-2-6
	6	2	3	73	SAND, br., f.-c., silty trc. f. gravel	36.5	36.3	16.7	-	-	-	N.P.	21.2	A-3
985.5	8													
	10	3	13	73	CLAY, br., silty, sm. sand, trc. f. gravel	14.0	24.0	34.0	13.3	14.7	26.9	6.9	14.5	A-2-4
	12													
980.0	14	4	31	80		18.5	23.0	30.1	13.4	15.0	23.4	6.9	12.3	A-2-4
	16	5	16	100	CLAY, gy., silty, sm. sand, trc. f. gravel	11.6	25.4	34.2	14.0	14.8	24.2	9.7	11.6	A-2-4
	18	6	16	93		11.5	24.0	34.5	14.5	15.5	23.0	7.8	11.6	A-2-4
	20													
	22	7	18	47		12.5	22.0	34.6	15.4	15.5	24.0	10.8	13.9	A-2-4
969.5	24	8	18	33		38.0	28.8	20.6	7.3	5.3	18.8	8.0	12.4	A-2-4
	26	9	30	80	SAND, gy., silty, trc. f. gravel	51.2	25.3	14.8	-	-	-	N.P.	12.6	A-1a
	28	10	57	80		38.8	31.8	19.6	-	-	-	N.P.	F.W.	A-1b
	30													
	32	11	38	73		46.0	30.2	15.0	-	-	-	N.P.	F.W.	A-1b
961.0	34	12	26	93	SAND, gy., silty	15.5	34.7	31.5	9.0	9.3	21.6	10.3	16.2	A-2-6
	36	13	32	100	CLAY, br.-gy., silty, sm. sand	10.4	26.0	35.0	12.4	16.2	26.7	10.8	12.6	A-2-6
	38													
	40													
	42	14	36	100		7.5	23.7	37.0	13.0	18.8	28.0	10.8	13.0	A-2-6
	44													
947.5	46	15	36	100		7.6	25.9	36.5	11.0	19.0	28.8	12.5	13.1	A-2-6
					Bottom of boring @ 46.5'									

DODSON, KINNEY & LINDBLOM
CONSULTING ENGINEERS

STRUCTURE FOUNDATION INVESTIGATION
BRIDGE NO. LIC-70-0073 L&R
PROPOSED LR.70 OVER
TOWNSHIP ROAD 36
SEC LIC-70-0.33
BORING DATA

DRAWN BY	CHECKED BY	REVIEWED BY	DATE
R.D.M.	R.B.L.	C.T.L.	DEC., 1964

GEOTECHNICAL PROFILE - BRIDGE
BRIDGES OVER PALMER ROAD
HISTORICAL BORINGS R-003-0-64 & R-004-0-64

DESIGN AGENCY
NEAS
National Engineering & Architectural Services Inc
2800 CORPORATE EXCHANGE DR, SUITE 240
COLUMBUS, OH, 43231
TEL:614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 133 TOTAL 206
SHEET P.1951 TOTAL P.2024

FAI/LIC-70-0.00-0.00

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL016.dgn

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:40:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
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PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 2/15/24 END: 2/15/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT / ST

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 39+89, 36' RT.
ALIGNMENT: TAYLOR ROAD
ELEVATION: 936.8 (MSL) EOB: 71.5 ft.
LAT / LONG: 39.937407, -82.772485

EXPLORATION ID B-099-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	936.8																		
			2 5 6	14	100	SS-1	4.50	11	8	14	36	31	32	17	15	17	A-6a (8)	-	
			4 4 6	13	100	SS-2	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
	929.8																		
HARD, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP			4 6 7	17	100	SS-3	4.50	11	11	17	35	26	25	16	9	14	A-4a (5)	-	
			4 8 9	22	100	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
	924.8																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			2 4 5	12	100	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			2 3 4	9	89	SS-6	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
					92	ST-7	4.50	9	11	16	42	22	24	15	9	12	A-4a (6)	-	
SS-7 BECOMES WET			3 5 5	13	100	SS-8	2.75	-	-	-	-	-	-	-	-	22	A-4a (V)	-	
	914.8																		
MEDIUM DENSE TO VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET		W 914.3	4 17 22	51	100	SS-9	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
			7 7 11	24	100	SS-10	-	-	-	-	-	-	-	-	-	20	A-1-b (V)	-	
			7 9 23	42	100	SS-11	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
			8 14 25	51	100	SS-12	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
			8 11 21	42	100	SS-13	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
	898.5																		
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL, GLACIAL TILL, DAMP			8 35 39	97	100	SS-14	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			10 20 35	72	100	SS-15	4.50	21	12	15	31	21	25	15	10	10	A-4a (3)	-	
			17 24 35	78	100	SS-16	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
			14 23 29	68	100	SS-17	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-26-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808
SUBSET 134 TOTAL 206
SHEET P.1952 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
TAYLOR ROAD BRIDGE OVER IR-70
BORING LOG B-099-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:41:20 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL018.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 39+89, 36' RT. | START: 2/15/24 | END: 2/15/24 | PG 2 OF 2 | B-099-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL, GLACIAL TILL, DAMP *(continued)*	876.8	61	15 21 34	72	100	SS-18	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
		62																	
		63																	
		64																	
		65																	
		66	15 25 30	72	100	SS-19	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
		67																	
		68																	
		69																	
		70																	
		71	18 32 36	90	100	SS-20	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
	865.3	EOB																	

NOTES: GROUNDWATER ENCOUNTERED AT 22.5' DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
(614) 714.0299
WWW.NEASINC.COM

DESIGNER DT | REVIEWER CH | 08/21/26

PROJECT ID 96808

SUBSET 135 | TOTAL 206

SHEET P.1953 | TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
TAYLOR ROAD BRIDGE OVER IR-70
BORING LOG B-099-0-23 (CONT.)

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:41:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL019.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 3/4/24 END: 3/4/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 41+11, 2' RT.
ALIGNMENT: TAYLOR ROAD
ELEVATION: 931.8 (MSL) EOB: 61.5 ft.
LAT / LONG: 39.937748, -82.772581

EXPLORATION ID B-100-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF TO HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	931.8		6 6 7	17	100	SS-1	4.50	12	9	15	37	27	29	17	12	14	A-6a (7)	-	
			4 7 5	16	100	SS-2	3.00	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			2 3 7	13	100	SS-3	4.00	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
DENSE, BROWN AND GRAY, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP	922.9		10 15 9	32	100	SS-4	-	36	20	12	22	10	24	16	8	9	A-2-4 (0)	-	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE TO LITTLE GRAVEL, DAMP	919.8		3 4 9	17	100	SS-5	4.50	9	12	19	46	14	21	16	5	11	A-4a (5)	-	
			5 9 9	24	100	SS-6	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
MEDIUM DENSE TO VERY DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS**, SOME SAND, TRACE TO LITTLE SILT, TRACE CLAY, MOIST TO WET	914.8		23 50	-	92	SS-7	-	-	-	-	-	-	-	-	-	4	A-1-a (V)	-	
		W 911.8	5 11 13	32	100	SS-8	-	-	-	-	-	-	-	-	-	14	A-1-a (V)	-	
			5 8 10	24	100	SS-9	-	53	22	11	11	3	NP	NP	NP	13	A-1-a (0)	-	
			5 7 10	22	100	SS-10	-	-	-	-	-	-	-	-	-	13	A-1-a (V)	-	
			8 10 13	30	100	SS-11	-	-	-	-	-	-	-	-	-	14	A-1-a (V)	-	
			16 31 28	78	100	SS-12	-	-	-	-	-	-	-	-	-	10	A-1-a (V)	-	
			14 19 25	58	100	SS-13	-	-	-	-	-	-	-	-	-	10	A-1-a (V)	-	
			12 12 16	37	100	SS-14	-	-	-	-	-	-	-	-	-	11	A-1-a (V)	-	
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	888.5		12 17 30	62	100	SS-15	4.50	8	11	16	39	26	24	15	9	13	A-4a (6)	-	
			14 20 36	74	100	SS-16	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			15 25 37	82	100	SS-17	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 136 TOTAL 206
SHEET P.1954 TOTAL P.2024

GEOTECHNICAL PROFILE - BRIDGE
TAYLOR ROAD BRIDGE OVER IR-70
BORING LOG B-100-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:42:31 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL020.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: BRIDGE
PID: 96808 SFN:
START: 2/21/24 END: 2/21/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 42+07, 35' LT.
ALIGNMENT: TAYLOR ROAD
ELEVATION: 932.3 (MSL) EOB: 46.5 ft.
LAT / LONG: 39.938017, -82.772690

EXPLORATION ID B-101-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF TO HARD, BROWN, **SANDY SILT**, LITTLE CLAY, TRACE TO LITTLE GRAVEL, MOIST TO DAMP	932.3		3 6 6	16	44	SS-1	2.25	-	-	-	-	-	-	-	-	18	A-4a (V)	-	
			3 4 5	12	100	SS-2	2.50	12	22	14	33	19	27	17	10	16	A-4a (3)	-	
			5 5 5	13	100	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
MEDIUM DENSE, BROWN AND ORANGISH BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	922.8		5 8 12	26	100	SS-4	-	46	16	10	22	6	24	19	5	11	A-2-4 (0)	-	
MEDIUM DENSE, BROWN AND ORANGISH BROWN, **SANDY SILT**, SOME GRAVEL, TRACE CLAY, IRON STAINING, DAMP	920.3		5 10 9	25	100	SS-5	-	35	13	12	32	8	NP	NP	NP	13	A-4a (1)	-	
HARD, BROWN AND ORANGISH BROWN, **SANDY SILT**, SOME GRAVEL AND STONE FRAGMENTS, LITTLE CLAY, IRON STAINING, DAMP	917.8		8 24 7	41	100	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	915.3		8 12 25	49	72	SS-7	4.50	14	12	19	39	16	22	15	7	11	A-4a (4)	-	
DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, TRACE SILT, TRACE CLAY, MOIST TO WET	912.8	W 912.3	17 15 11	34	100	SS-8	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
			15 14 20	45	100	SS-9	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
			12 12 15	36	100	SS-10	-	-	-	-	-	-	-	-	-	17	A-1-b (V)	-	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	905.3		10 15 22	49	100	SS-11	4.50	9	15	17	34	25	24	14	10	11	A-4a (5)	-	
			10 14 23	49	100	SS-12	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			10 25 32	75	100	SS-13	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			13 21 30	67	100	SS-14	2.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			12 21 33	71	100	SS-15	2.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
	885.8	EOB																	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_924A)_23.GPJ

SHEET	TOTAL
P.1955	P.2024

SUBSET	TOTAL
137	206

PROJECT ID: 96808

REVIEWER: CH 08/21/26

DESIGNER: DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - BRIDGE
TAYLOR ROAD BRIDGE OVER IR-70
BORING LOG B-101-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:43:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL021.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/9/24 END: 4/9/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 92+99, 22' RT.
ALIGNMENT: RAMP H
ELEVATION: 893.7 (MSL) EOB: 46.5 ft.
LAT / LONG: 39.936285, -82.779443

EXPLORATION ID B-031-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
17.0" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	893.7																		
	891.8																		
VERY STIFF TO HARD, BROWN, **SILT AND CLAY** SOME SAND, TRACE TO LITTLE GRAVEL, DAMP			3 4 6	13	100	SS-1	4.50	11	12	17	34	26	29	17	12	15	A-6a (6)	-	
			9 7 10	22	100	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			4 6 9	20	22	SS-3	4.25	-	-	-	-	-	-	-	-	17	A-6a (V)	-	
			4 8 11	25	100	SS-4	3.75	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			2 6 7	17	100	SS-5	4.25	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
			4 5 7	16	100	SS-6	4.00	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
	879.2																		
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND** TRACE SILT, TRACE CLAY, DAMP			4 5 6	14	100	SS-7	-	22	42	23	10	3	NP	NP	NP	5	A-1-b (0)	-	
	876.7																		
LOOSE, BROWN, **GRAVEL WITH SAND AND SILT** LITTLE CLAY, MOIST TO WET			1 2 3	7	89	SS-8	-	24	29	17	18	12	NP	NP	NP	10	A-2-4 (0)	-	
		W 873.7																	
			1 2 4	8	100	SS-9	-	-	-	-	-	-	-	-	-	16	A-2-4 (V)	-	
	871.7																		
VERY STIFF TO HARD, GRAY, **SILT AND CLAY** SOME SAND, TRACE TO LITTLE GRAVEL, SS-12 CONTAINS NO INTACT SOIL FOR HP READINGS, DAMP			5 7 10	22	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	-	
			5 6 10	21	100	SS-11	4.50	11	11	16	35	27	25	14	11	12	A-6a (6)	-	
			5 6 8	18	17	SS-12	-	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			3 6 7	17	100	SS-13	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			3 7 8	20	100	SS-14	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			3 4 6	13	100	SS-15	4.25	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			6 6 9	20	100	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
	847.2	EOB	3 4 8	16	100	SS-17	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 138 TOTAL 206
SHEET P.1956 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-031-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:43:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL022.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/3/24 END: 4/3/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 94+49, 22' RT.
ALIGNMENT: RAMP H
ELEVATION: 896.7 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.936412, -82.778933

EXPLORATION ID B-033-0-23

PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 5.0" BASE (DRILLERS DESCRIPTION)	896.7																		
	894.8																		
HARD, BROWN, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, DAMP		1–4	11 14 13	36	89	SS-1	4.50	24	12	17	30	17	31	21	10	14	A-4a (2)	-	
	892.2																		
HARD, BROWN AND GRAY, **SILT AND CLAY**, LITTLE TO SOME SAND, TRACE TO LITTLE GRAVEL, DAMP		5–6	4 5 8	17	100	SS-2	4.50	16	10	15	33	26	30	16	14	13	A-6a (6)	-	
		7–9	4 7 10	22	100	SS-3	4.50	16	9	14	34	27	30	17	13	13	A-6a (6)	-	
		10–11	3 7 10	22	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
		12–14	3 5 8	17	100	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
		15–16	3 5 7	16	100	SS-6	4.25	8	6	12	39	35	33	18	15	17	A-6a (10)	-	
	879.7																		
VERY STIFF TO HARD, BROWN, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE GRAVEL, MOIST		18–19	2 6 6	16	100	SS-7	4.50	-	-	-	-	-	-	-	-	17	A-4a (V)	-	
		20–21	2 4 7	14	100	SS-8	3.50	-	-	-	-	-	-	-	-	17	A-4a (V)	-	
	874.7																		
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP		23–24	3 9 9	24	100	SS-9	4.50	10	11	18	35	26	25	15	10	11	A-4a (5)	-	
		25–26	5 7 9	21	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		28–29	12 7 10	22	100	SS-11	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		30–31	5 10 13	30	83	SS-12	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		33–34	5 8 10	24	100	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		35–36	6 9 10	25	100	SS-14	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		40–41	3 6 10	21	100	SS-15	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
		45–46	5 8 11	25	100	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
	845.2	EOB	5 10 11	28	100	SS-17	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 3 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:46 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 139 TOTAL 206
SHEET P.1957 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-033-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:44:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL023.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/2/24 END: 4/9/24

DRILLING FIRM / OPERATOR: ODOT / ML
SAMPLING FIRM / LOGGER: NEAS / LR
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: ACKER REBEL XL
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 11/7/23
ENERGY RATIO (%): 90

STATION / OFFSET: 94+47, 32' LT.
ALIGNMENT: RAMP H
ELEVATION: 882.1 (MSL) EOB: 41.5 ft.
LAT / LONG: 39.936551, -82.778998

EXPLORATION ID B-033-1-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
8.0" TOPSOIL	881.4																		
VERY STIFF, BROWN, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, DAMP			2 4 5	14	50	SS-1	4.00	23	10	22	29	16	29	19	10	15	A-4a (2)	-	
	876.6																		
VERY STIFF, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP			5 4 7	17	83	SS-2	3.00	20	11	16	29	24	32	18	14	15	A-6a (5)	-	
	875.1																		
HARD, BROWN AND BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP SS-3 CONTAINS IRON STAINED DESSICATION CRACKS			7 14 15	44	94	SS-3	4.50	13	11	17	32	27	27	17	10	13	A-4a (5)	-	
@10.0'; BECOMES GRAY			9 12 13	38	100	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			7 9 10	29	100	SS-5	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			5 9 10	29	100	SS-6	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			4 7 11	27	83	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			5 7 11	27	100	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			7 7 7	21	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			3 13 17	45	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			7 9 13	33	100	SS-11	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
SS-12 BECOMES SOME GRAVEL AND STONE FRAGMENTS			5 10 12	33	94	SS-12	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			8 11 13	36	100	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			4 8 11	29	100	SS-14	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			8 11 16	41	100	SS-15	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
	840.6	EOB	8 11 19	45	39	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00.GPJ (3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 140 TOTAL 206
SHEET P.1958 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-033-1-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:44:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL024.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/1/24 END: 4/1/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / RW
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 75T
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 96+03, 22' RT.
ALIGNMENT: RAMP H
ELEVATION: 899.9 (MSL) EOB: 56.5 ft.
LAT / LONG: 39.936539, -82.778409

EXPLORATION ID B-034-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
17.5" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	899.9																		
	897.9																		
HARD, BROWN, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE TO SOME CLAY, DAMP		3	10 9 8	22	44	SS-1	4.50	22	16	21	29	12	33	26	7	16	A-4a (1)	-	
		4	8 6 6	16	100	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		6	7 5 5	13	72	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		7	5 7 8	20	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		11	7 8 8	21	100	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		13	6 8 9	22	61	SS-6	4.50	-	-	-	-	-	-	-	-	16	A-4a (V)	-	
	882.9	16	6 7 8	20	100	SS-7	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
VERY STIFF, BROWN AND GRAY, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, DAMP	880.4	18	4 6 8	18	100	SS-8	3.00	3	6	11	44	36	35	19	16	19	A-6b (10)	-	
VERY STIFF TO HARD, BROWN AND GRAY BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, MOIST TO DAMP		21	5 5 4	12	39	SS-9	3.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
		23	3 3 5	11	100	SS-10	3.50	-	-	-	-	-	-	-	-	17	A-4a (V)	-	
		26	5 7 9	21	100	SS-11	4.50	11	14	16	34	25	25	15	10	11	A-4a (5)	-	
		28	4 6 9	20	100	SS-12	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		31	5 8 10	24	100	SS-13	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
	865.4	33	7 10 12	29	100	SS-14	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, GLACIAL TILL, DAMP		36	6 8 12	26	100	SS-15	4.25	11	11	17	35	26	25	14	11	12	A-6a (6)	-	
		41	5 11 12	30	100	SS-16	4.00	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
		46	4 11 12	30	67	SS-17	3.75	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
		51	6 12 14	34	56	SS-18	4.00	-	-	-	-	-	-	-	-	14	A-6a (V)	-	
	843.4	56	8 10 14	32	89	SS-19	4.25	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 1 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-26-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808
SUBSET 141 TOTAL 206
SHEET P.1959 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-034-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:45:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL025.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 3/8/24 END: 3/8/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 97+49, 21' RT.
ALIGNMENT: RAMP H
ELEVATION: 902.7 (MSL) EOB: 56.5 ft.
LAT / LONG: 39.936664, -82.777916

EXPLORATION ID B-035-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
17.5" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	902.7																		
	900.8																		
VERY DENSE, BROWN, **COARSE AND FINE SAND**, SOME SILT, LITTLE GRAVEL, TRACE CLAY, WET	899.2		5 9 35	58	72	SS-1	-	18	28	23	24	7	NP	NP	NP	18	A-3a (0)	3267	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP TO MOIST			4 7 9	21	39	SS-2	4.25	20	13	14	30	23	32	18	14	13	A-6a (5)	-	
			8 9 10	25	50	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			4 8 10	24	56	SS-4	4.50	-	-	-	-	-	-	-	-	19	A-6a (V)	-	
			3 6 8	18	100	SS-5	4.50	15	12	15	32	26	30	17	13	13	A-6a (6)	-	
			3 5 10	20	100	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
	888.2																		
VERY STIFF TO HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP			3 6 8	18	100	SS-7	4.50	8	8	14	36	34	36	18	18	16	A-6b (10)	-	
			4 3 7	13	100	SS-8	4.50	-	-	-	-	-	-	-	-	16	A-6b (V)	-	
			5 5 6	14	100	SS-9	3.75	-	-	-	-	-	-	-	-	16	A-6b (V)	-	
	880.7																		
VERY STIFF, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			3 3 5	11	67	SS-10	4.00	10	8	17	34	31	32	18	14	17	A-6a (8)	-	
	878.2																		
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			5 8 9	22	61	SS-11	4.50	13	11	16	35	25	25	15	10	10	A-4a (5)	-	
			6 10 14	32	100	SS-12	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 9 15	32	100	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			5 9 14	30	100	SS-14	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 10 16	34	100	SS-15	4.50	9	10	18	36	27	25	15	10	10	A-4a (6)	-	
			8 12 16	37	100	SS-16	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			11 14 20	45	100	SS-17	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 9 15	32	100	SS-18	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			9 13 18	41	100	SS-19	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
	846.2	EOB																	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808
SUBSET 142 TOTAL 206
SHEET P.1960 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-035-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:46:13 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL026.dgn

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS / J. HODGES | DRILL RIG: CME 75T | STATION / OFFSET: 99+00, 23' RT. | EXPLORATION ID B-037-0-23
TYPE: RETAINING WALL | SAMPLING FIRM / LOGGER: NEAS / J. HODGES | HAMMER: CME AUTOMATIC | ALIGNMENT: RAMP H
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 1/24/22 | ELEVATION: 905.8 (MSL) EOB: 61.5 ft. | PAGE 1 OF 2
START: 3/8/24 END: 3/8/24 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.936784, -82.777401

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 5.0" BASE (DRILLERS DESCRIPTION)	905.8																		
	903.9																		
VERY DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, WET		1																	
	902.3	2	6 21 25	61	100	SS-1	-	21	22	25	26	6	NP	NP	NP	19	A-2-4 (0)	-	
HARD, BROWN, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP		3																	
		4	3 5 7	16	100	SS-2	4.50	11	12	17	35	25	27	17	10	13	A-4a (5)	-	
		5																	
		6	5 5 9	18	100	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
		7	3 4 9	17	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		8																	
		9																	
		10																	
		11	3 6 8	18	100	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
		12																	
		13	4 9 11	26	83	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
	891.3	14																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP		15																	
		16	5 5 6	14	100	SS-7	4.25	11	8	14	36	31	33	18	15	16	A-6a (8)	-	
		17																	
		18	3 5 8	17	100	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	-	
		19																	
		20																	
		21	5 4 10	18	100	SS-9	4.50	6	12	16	35	31	31	17	14	14	A-6a (8)	-	
		22																	
	881.3	23	2 7 11	24	100	SS-10	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
HARD, BROWN BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, SS-14 CONTAINS NO INTACT SOIL FOR HP READINGS, DAMP		24																	
		25																	
		26	4 9 10	25	100	SS-11	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		27																	
		28	4 7 13	26	100	SS-12	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
		29																	
		30																	
		31	6 10 12	29	100	SS-13	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
		32																	
		33	5 8 11	25	89	SS-14	-	8	12	18	36	26	24	15	9	11	A-4a (5)	-	
		34																	
		35																	
		36	4 9 13	29	44	SS-15	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
		37																	
		38																	
		39																	
		40																	
		41	6 10 13	30	72	SS-16	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
		42																	
		43																	
		44																	
		45																	
		46	8 12 18	40	100	SS-17	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
		47																	
		48																	
		49																	
		50																	
		51	8 11 16	36	100	SS-18	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		52																	
		53																	
		54																	
		55																	
		56	7 12 14	34	33	SS-19	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		57																	
		58																	
		59																	

PID: 96808 SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 99+00, 23' RT. | START: 3/8/24 | END: 3/8/24 | PG 2 OF 2 | B-037-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
	845.8																		
	844.3	61 EOB	9 10 16	34	28	SS-20	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY: NEAS Geotechnical & Environmental Services
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 614.714.0299 WWW.NEASINC.COM
DESIGNER: DT
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 143 TOTAL: 206
SHEET: P.1961 TOTAL: P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-037-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:46:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL027.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/10/24 END: 4/10/24

DRILLING FIRM / OPERATOR: ODOT / ML
SAMPLING FIRM / LOGGER: NEAS / LR
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: ACKER REBEL XL
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 11/7/23
ENERGY RATIO (%): 90

STATION / OFFSET: 98+96, 31' LT.
ALIGNMENT: RAMP H
ELEVATION: 884.1 (MSL) EOB: 41.5 ft.
LAT / LONG: 39.936922, -82.777471

EXPLORATION ID B-037-1-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
8.0" TOPSOIL	883.4																		
VERY STIFF, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP			2 3 2	8	44	SS-1	2.50	14	15	20	30	21	28	18	10	14	A-4a (3)	-	
	879.6	▼ 1 hrs																	
VERY STIFF, BROWN AND GRAY, **SANDY SILT**, LITTLE GRAVEL AND STONE FRAGMENTS, LITTLE CLAY, CONTAINS NO INTACT SOIL FOR HP READINGS, MOIST		W 879.1	13 7 12	29	33	SS-2	-	19	16	20	27	18	28	18	10	22	A-4a (2)	-	
@6.5' - 7.5'; RIG CHATTER/POSSIBLE COBBLE OR BOULDER	877.1																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			5 9 11	30	100	SS-3	4.50	16	11	16	32	25	25	15	10	12	A-4a (4)	-	
		▽ 874.1																	
			8 10 11	32	100	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			6 9 11	30	100	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			8 10 12	33	100	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			6 6 8	21	100	SS-7	4.25	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			5 7 11	27	100	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			8 10 12	33	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
@25.0'; 2.0" LIMESTONE FRAGMENT			24 14 15	44	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
SS-11 BECOMES SOME GRAVEL AND STONE FRAGMENTS			9 11 16	41	50	SS-11	4.00	23	10	14	30	23	25	15	10	14	A-4a (4)	-	
			10 10 16	39	100	SS-12	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			9 13 21	51	100	SS-13	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
@35.5'; 3" SILT SEAM			9 14 14	42	100	SS-14	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
			7 11 14	38	100	SS-15	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
	842.6	EOB	6 11 13	36	100	SS-16	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 5.0' DURING DRILLING, 4.0' AFTER DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 4 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-26-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808
SUBSET 144 TOTAL 206
SHEET P.1962 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-037-1-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:47:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL028.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 3/7/24 END: 3/7/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 100+50, 23' RT.
ALIGNMENT: RAMP H
ELEVATION: 908.8 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.936911, -82.776890

EXPLORATION ID B-038-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	908.8																		
	906.8																		
HARD, BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	905.3		2 12 15	36	100	SS-1	4.50	12	19	24	31	14	33	25	8	19	A-4a (2)	1760	
VERY STIFF TO HARD, BROWN, **SILT AND CLAY** LITTLE TO SOME SAND, TRACE TO LITTLE GRAVEL, DAMP TO MOIST			2 6 7	17	78	SS-2	4.50	19	9	14	33	25	30	17	13	13	A-6a (6)	-	
			4 5 9	18	89	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	-	
			6 4 5	12	50	SS-4	4.00	-	-	-	-	-	-	-	-	17	A-6a (V)	-	
			7 8 7	20	100	SS-5	4.50	12	6	14	38	30	33	18	15	17	A-6a (9)	-	
			3 4 6	13	100	SS-6	4.50	-	-	-	-	-	-	-	-	22	A-6a (V)	-	
	894.3																		
VERY STIFF, BROWN, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, MOIST	891.8		2 2 3	7	100	SS-7	2.50	5	6	16	47	26	23	16	7	18	A-4a (8)	-	
HARD, BROWN BECOMING GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, MOIST TO DAMP			2 3 8	14	100	SS-8	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	-	
			4 10 13	30	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			4 8 16	32	100	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			5 12 15	36	100	SS-11	4.50	11	13	16	34	26	29	17	12	12	A-6a (6)	-	
	881.8																		
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP			7 15 10	33	100	SS-12	4.50	12	12	16	36	24	25	15	10	10	A-4a (5)	-	
			8 10 14	32	100	SS-13	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			8 13 14	36	100	SS-14	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 11 14	33	100	SS-15	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			7 10 14	32	100	SS-16	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			8 11 16	36	100	SS-17	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
	857.3	EOB	7 12 19	41	100	SS-18	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_92AA)_23.GPJ

DESIGNER DT
REVIEWER CH
08/21/26
PROJECT ID 96808
SUBSET 145 TOTAL 206
SHEET P.1963 TOTAL P.2024

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-038-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:48:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL029.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 2/26/24 END: 2/26/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 102+00, 30' LT.
ALIGNMENT: RAMP H
ELEVATION: 892.0 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.937174, -82.776438

EXPLORATION ID B-039-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
MEDIUM DENSE TO VERY DENSE, BROWN BECOMING GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND** LITTLE SILT, TRACE CLAY, MOIST TO WET	892.0																		
			11 7 11	24	44	SS-1	-	61	9	8	16	6	NP	NP	NP	8	A-1-b (0)	-	
			4 4 5	12	100	SS-2	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	-	
		W 884.5																	
			4 2 6	11	28	SS-3	-	-	-	-	-	-	-	-	-	24	A-1-b (V)	-	
			5 14 10	32	33	SS-4	-	-	-	-	-	-	-	-	-	21	A-1-b (V)	-	
			9 12 10	29	67	SS-5	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	-	
			9 21 23	58	44	SS-6	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	-	
			12 8 9	22	100	SS-7	-	37	29	11	18	5	NP	NP	NP	15	A-1-b (0)	-	
			10 13 15	37	100	SS-8	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
			14 10 13	30	100	SS-9	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
			14 12 13	33	100	SS-10	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
			16 14 16	40	100	SS-11	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	-	
			14 27 50	101	89	SS-12	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	-	
	859.0																		
			50	-	67	SS-13	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	-	
VERY DENSE, GRAY, **STONE FRAGMENTS** LITTLE SAND, TRACE SILT, TRACE CLAY, WET	857.0																		
			50	-	100	SS-14	-	-	-	-	-	-	-	-	-	11	A-1-a (V)	-	
HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP																			
			11 11 20	41	100	SS-15	4.50	9	12	16	37	26	24	15	9	12	A-4a (6)	-	
			9 12 18	40	100	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			8 14 18	42	100	SS-17	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
	840.5	EOB	9 14 21	46	100	SS-18	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 7.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 146 TOTAL 206
SHEET P.1964 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 7 ALONG RAMP H
BORING LOG B-039-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:48:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL030.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 3/7/24 END: 3/7/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 103+48, 22' RT.
ALIGNMENT: RAMP H
ELEVATION: 914.8 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.937162, -82.775877

EXPLORATION ID B-040-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
18.0" ASPHALT AND 6.0" BASE (DRILLERS DESCRIPTION)	914.8																		
	912.8																		
DENSE, BROWN, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP	911.3		5 18 11	38	100	SS-1	-	19	14	17	33	17	NP	NP	NP	14	A-4a (3)	-	
VERY STIFF TO HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			3 5 6	14	100	SS-2	4.50	10	9	16	36	29	30	16	14	14	A-6a (8)	-	
			3 5 9	18	100	SS-3	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			10 10 12	29	89	SS-4	3.75	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
			2 3 4	9	100	SS-5	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	-	
	902.8																		
DENSE TO VERY DENSE, BROWN BECOMING ORANGISH BROWN, **GRAVEL WITH SAND** TRACE TO LITTLE SILT, TRACE CLAY, SS-8 CONTAINS HEAVY IRON STAINING, DAMP			7 16 16	42	78	SS-6	-	-	-	-	-	-	-	-	-	7	A-1-b (V)	-	
			11 9 15	32	100	SS-7	-	-	-	-	-	-	-	-	-	5	A-1-b (V)	-	
			7 24 18	55	100	SS-8	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
	895.3																		
VERY DENSE, GRAY, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, DAMP			15 19 21	53	100	SS-9	-	34	15	12	23	16	NP	NP	NP	8	A-4a (1)	-	
	892.8																		
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP			7 10 15	33	100	SS-10	4.50	11	12	16	35	26	25	16	9	10	A-4a (5)	-	
			4 12 14	34	100	SS-11	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
			5 11 15	34	100	SS-12	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			5 13 18	41	100	SS-13	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 11 16	36	100	SS-14	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			10 13 16	38	100	SS-15	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			8 15 20	46	100	SS-16	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
			10 15 18	43	100	SS-17	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			9 18 21	51	100	SS-18	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
	863.3	EOB																	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-29-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 147 TOTAL 206
SHEET P.1965 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NOS. 7 AND 8 ALONG RAMP H
BORING LOG B-040-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:49:23 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL031.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 2/26/24 END: 2/26/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 104+87, 26' LT.
ALIGNMENT: RAMP H
ELEVATION: 894.9 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.937424, -82.775477

EXPLORATION ID B-086-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP	894.9		4 7 6	17	100	SS-1	-	24	13	32	22	9	26	17	9	14	A-2-4 (0)	-	
MEDIUM DENSE TO DENSE, BROWN AND GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND, SILT, AND CLAY**, DAMP TO MOIST	890.4		7 9 8	22	100	SS-2	-	39	13	14	22	12	28	17	11	13	A-2-6 (0)	-	
			8 16 16	42	11	SS-3	-	-	-	-	-	-	-	-	-	23	A-2-6 (V)	-	
HARD, BROWNISH GRAY AND GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	885.4		8 12 13	33	100	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			6 11 15	34	100	SS-5	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 11 17	37	100	SS-6	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			6 9 15	32	100	SS-7	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			6 10 15	33	100	SS-8	4.50	17	11	16	31	25	24	15	9	10	A-4a (4)	-	
			5 10 14	32	100	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			6 10 14	32	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			7 12 14	34	100	SS-11	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			7 11 15	34	100	SS-12	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			8 10 14	32	100	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			5 10 13	30	100	SS-14	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			8 20 21	54	100	SS-15	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			9 14 17	41	100	SS-16	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
	843.4	EOB	8 16 19	46	100	SS-17	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 9.0' WEST DUE TO POOR DRAINAGE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-25-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 148 TOTAL 206
SHEET P.1966 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NOS. 7 AND 8 ALONG RAMP H
BORING LOG B-086-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:49:58 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL032.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 2/27/24 END: 2/27/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 106+54, 41' RT.
ALIGNMENT: RAMP H
ELEVATION: 920.4 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.937448, -82.774840

EXPLORATION ID B-087-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF TO HARD, BROWN, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, IRON STAINING, DAMP	920.4		4 9 8	22	100	SS-1	4.25	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
			3 7 7	18	100	SS-2	3.50	25	18	13	28	16	29	19	10	13	A-4a (2)	-	
			5 11 13	32	100	SS-3	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			7 9 9	24	100	SS-4	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
HARD, BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, SOME GRAVEL, DAMP	908.4		3 4 5	12	100	SS-5	4.50	24	9	14	31	22	25	14	11	11	A-6a (4)	-	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND, SILT, AND CLAY**, IRON STAINING, WET	905.9	W 905.4	8 10 5	20	100	SS-6	-	-	-	-	-	-	-	-	-	14	A-2-6 (V)	-	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	903.4		3 6 9	20	100	SS-7	4.50	15	12	18	34	21	23	14	9	11	A-4a (4)	-	
DENSE, BROWNISH GRAY, **COARSE AND FINE SAND**, TRACE GRAVEL, TRACE SILT, TRACE CLAY, WET	900.9		6 11 14	33	100	SS-8	-	-	-	-	-	-	-	-	-	13	A-3a (V)	-	
			15 15 22	49	100	SS-9	-	-	-	-	-	-	-	-	-	15	A-3a (V)	-	
DENSE, BROWNISH GRAY, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, WET	895.9		10 17 13	40	100	SS-10	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)	-	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP	893.4		12 14 19	43	100	SS-11	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			10 12 18	40	56	SS-12	4.50	11	13	17	35	24	24	14	10	10	A-4a (5)	-	
			11 15 18	43	100	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			14 19 25	58	89	SS-14	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			12 15 20	46	100	SS-15	3.75	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
			10 14 19	43	94	SS-16	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
	868.9	EOB	14 17 21	50	100	SS-17	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 15.0' DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 15.0' SOUTH.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_92AA)_23.GPJ

SHEET	TOTAL
P.1967	P.2024

SUBSET	TOTAL
149	206

PROJECT ID: 96808

REVIEWER: CH 08/21/26

DESIGNER: DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NOS. 7 AND 8 ALONG RAMP H
BORING LOG B-087-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:50:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL033.dgn

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS / J. HODGES | DRILL RIG: CME 55X | STATION / OFFSET: 108+02, 8' LT. | EXPLORATION ID B-088-0-23
TYPE: RETAINING WALL | SAMPLING FIRM / LOGGER: NEAS / J. HODGES | HAMMER: CME AUTOMATIC | ALIGNMENT: RAMP H
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 1/24/22 | ELEVATION: 930.6 (MSL) EOB: 61.5 ft. | PAGE 1 OF 2
START: 2/23/24 END: 2/23/24 | SAMPLING METHOD: SPT / ST | ENERGY RATIO (%): 79 | LAT / LONG: 39.937741, -82.774433

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF, BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, DAMP	930.6		4 5 6	14	100	SS-1	3.25	9	6	13	34	38	38	19	19	17	A-6b (11)	-	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	926.1		10 16 19	46	100	SS-2	4.50	14	10	15	33	28	29	17	12	10	A-6a (6)	-	
			7 12 15	36	100	SS-3	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			3 8 9	22	39	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
VERY STIFF TO HARD, BROWN, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	918.6		4 6 5	14	100	SS-5	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
				67	ST-6	4.50	15	11	16	35	23	24	15	9	12	A-4a (5)	-		
			3 3 5	11	100	SS-7	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	-	
		W 911.6	2 3 9	16	100	SS-8	3.00	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
DENSE, BROWN AND GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, TRACE SILT, TRACE CLAY, WET	911.1		9 19 19	50	89	SS-9	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
MEDIUM DENSE, BROWN AND GRAY, **COARSE AND FINE SAND**, LITTLE SILT, TRACE CLAY, TRACE GRAVEL, WET	908.6		9 11 11	29	100	SS-10	-	-	-	-	-	-	-	-	-	21	A-3a (V)	-	
			4 6 10	21	100	SS-11	-	-	-	-	-	-	-	-	-	20	A-3a (V)	-	
DENSE TO VERY DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, TRACE SILT, TRACE CLAY, WET RIG CHATTER/DIFFICULT DRILLING FROM 27.0' - 32.0'. POSSIBLE COBBLES/BOULDERS. SS-11 CONTAINS NO RECOVERY	903.6		50	-	0	SS-12	-	-	-	-	-	-	-	-	-	-		-	
			17 20 16	47	100	SS-13	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	-	
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO SOME GRAVEL, DAMP	898.6		6 10 18	37	100	SS-14	4.50	9	12	18	36	25	24	14	10	10	A-4a (5)	-	
			8 16 15	41	100	SS-15	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			10 13 16	38	100	SS-16	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	887.3		6 9 14	30	100	SS-17	4.00	11	11	16	36	26	25	14	11	12	A-6a (6)	-	
			6 9 15	32	100	SS-18	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-	
			10 13 18	41	100	SS-19	4.25	-	-	-	-	-	-	-	-	13	A-6a (V)	-	

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 108+02, 8' LT. | START: 2/23/24 | END: 2/23/24 | PG 2 OF 2 | B-088-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP *(continued)*	870.6		8 9 18	36	100	SS-20	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	-	
	869.1	EOB																	

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:47 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-29-24 .924A).23.GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P.1968 / TOTAL P.2024	150 / TOTAL 206	96808	CH 08/21/26	DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NOS. 7 AND 8 ALONG RAMP H
BORING LOG B-088-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:51:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL034.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 1/25/24 END: 1/25/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 0+20, 0' RT.
ALIGNMENT: WALL 3
ELEVATION: 912.1 (MSL) EOB: 31.5 ft.
LAT / LONG: 39.938990, -82.772882

EXPLORATION ID B-106-0-23

PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
STIFF TO VERY STIFF, BROWN, **SILTY CLAY**, LITTLE TO SOME SAND, LITTLE GRAVEL, DAMP TO MOIST	912.1																		
			2 3 3	8	56	SS-1	3.00	16	12	15	30	27	35	18	17	18	A-6b (7)	73	
			2 3 5	11	50	SS-2	2.00	14	5	13	33	35	36	19	17	20	A-6b (9)	-	
STIFF TO VERY STIFF, BROWN, **SILT AND CLAY** "AND" SAND, TRACE GRAVEL, DAMP TO MOIST	905.1		3 4 5	12	67	SS-3	3.00	-	-	-	-	-	-	-	-	17	A-6a (V)	-	
			3 3 4	9	61	SS-4	1.75	7	11	27	36	19	31	19	12	20	A-6a (5)	-	
			6 8 16	32	56	SS-5	1.75	-	-	-	-	-	-	-	-	19	A-6a (V)	-	
DENSE TO VERY DENSE, BROWN BECOMING GRAY, **GRAVEL WITH SAND** LITTLE SILT, TRACE CLAY, MOIST TO WET	897.6		19 24 18	55	67	SS-6	-	36	26	13	18	7	NP	NP	NP	11	A-1-b (0)	-	
		W 894.1	12 19 22	54	78	SS-7	-	39	37	8	11	5	NP	NP	NP	16	A-1-b (0)	-	
			18 20 20	53	50	SS-8	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	-	
			11 15 18	43	44	SS-9	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	-	
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL, GLACIAL TILL, DAMP	887.6		13 16 21	49	50	SS-10	4.25	27	13	16	29	15	25	15	10	9	A-4a (2)	-	
			17 20 24	58	56	SS-11	4.25	11	12	17	35	25	26	16	10	11	A-4a (5)	-	
	880.6	EOB	20 21 29	66	39	SS-12	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 18.0' DURING DRILLING. HOLE CAVE-IN AT 5.5'. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00 (3-28-24 924A) 23.GPJ

SHEET P.1969 TOTAL P.2024
SUBSET 151 TOTAL 206
PROJECT ID 96808
REVIEWER CH 08/21/26
DESIGNER DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD
BORING LOG B-106-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:51:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL035.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 1/25/24 END: 1/25/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 1+92, 6' LT.
ALIGNMENT: WALL 3
ELEVATION: 918.6 (MSL) EOB: 31.5 ft.
LAT / LONG: 39.939464, -82.772865

EXPLORATION ID B-107-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
10.0" ASPHALT AND 8.0" BASE (DRILLERS DESCRIPTION)	918.6																		
	917.1																		
VERY STIFF TO HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP		1																	
		2																	
		3	4 4 3	9	61	SS-1	4.25	9	9	14	35	33	38	19	19	17	A-6b (10)	67	
		4																	
		5																	
		6	4 5 4	12	44	SS-2	4.50	3	9	14	40	34	35	19	16	17	A-6b (10)	-	
		7																	
		8	5 4 6	13	44	SS-3	4.00	-	-	-	-	-	-	-	-	17	A-6b (V)	-	
		9																	
		10																	
		11	9 8 9	22	61	SS-4	4.00	-	-	-	-	-	-	-	-	14	A-6b (V)	-	
	906.6	12																	
DENSE TO VERY DENSE, BROWN, **GRAVEL WITH SAND, SILT, AND CLAY** MOIST		13																	
		14	7 14 22	47	39	SS-5	-	36	13	16	19	16	34	17	17	15	A-2-6 (1)	-	
		15																	
		16	12 30 28	76	39	SS-6	-	-	-	-	-	-	-	-	-	13	A-2-6 (V)	-	
	901.6	17																	
DENSE TO VERY DENSE, GRAY, **STONE FRAGMENTS WITH SAND** TRACE TO LITTLE SILT, TRACE CLAY, DAMP		18	23 29 34	83	28	SS-7	-	56	15	10	13	6	NP	NP	NP	6	A-1-b (0)	-	
		19																	
SS-8 CONTAINS NO RECOVERY		20																	
		21	20 21 25	61	0	SS-8	-	-	-	-	-	-	-	-	-	-		-	
		22																	
SS-9 BECOMES WET		23	9 14 18	42	61	SS-9	-	7	59	20	10	4	NP	NP	NP	15	A-1-b (0)	-	
	894.8	24																	
HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, GLACIAL TILL, DAMP		25																	
		26	13 12 18	40	67	SS-10	4.50	-	-	-	-	-	-	-	-	9	A-6a (V)	-	
		27																	
		28	16 20 28	63	50	SS-11	4.50	18	9	17	32	24	26	15	11	10	A-6a (5)	-	
		29																	
		30																	
	887.1	31	20 21 28	65	61	SS-12	4.50	-	-	-	-	-	-	-	-	8	A-6a (V)	-	
		EOB																	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVE-IN AT 6.0'. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808

SUBSET 152 TOTAL 206

SHEET P.1970 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD
BORING LOG B-107-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:52:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL036.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 2/19/24 END: 2/19/24

DRILLING FIRM / OPERATOR: NEAS / J. HODGES
SAMPLING FIRM / LOGGER: NEAS / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 1/24/22
ENERGY RATIO (%): 79

STATION / OFFSET: 45+90, 115' RT.
ALIGNMENT: TAYLOR ROAD
ELEVATION: 910.1 (MSL) EOB: 51.5 ft.
LAT / LONG: 39.939063, -82.772084

EXPLORATION ID B-110-0-23

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
MEDIUM DENSE, ORANGISH BROWN, **GRAVEL WITH SAND, SILT, AND CLAY**IRON STAINING, DAMP	910.1																		
	905.6		4 6 6	16	89	SS-1	-	47	12	16	16	9	29	18	11	12	A-2-6 (0)	-	
HARD, BROWN BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			5 8 10	24	100	SS-2	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			7 8 9	22	100	SS-3	4.50	10	12	19	39	20	22	13	9	10	A-4a (5)	-	
			5 8 11	25	100	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			4 8 10	24	100	SS-5	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
		W 895.1																	
@15.0'; SS-6 CONTAINS A 3.0" SAND SEAM			7 10 13	30	100	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	-	
			4 6 11	22	100	SS-7	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			4 10 14	32	100	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			7 9 15	32	100	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			10 11 15	34	100	SS-10	4.50	9	11	17	37	26	24	14	10	10	A-4a (6)	-	
			8 10 14	32	100	SS-11	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	-	
			8 12 16	37	100	SS-12	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	
			9 24 28	68	100	SS-13	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
			10 22 32	71	100	SS-14	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	-	
@50.0'; SS-15 CONTAINS A 3.0" SAND SEAM	858.6	EOB	9 18 28	61	100	SS-15	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-	

NOTES: GROUNDWATER ENCOUNTERED AT 15.0' DURING DRILLING. HOLE DID NOT CAVE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 2 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT LOG W/ SULFATES (11 X 17) - OH DOT.GDT - 9/6/24 14:48 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00\GINT FILES\FAI-LIC-70-0.00-0.00_(3-28-24_924A)_23.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
614.714.0299
WWW.NEASINC.COM

DESIGNER DT
REVIEWER CH
08/21/26

PROJECT ID 96808
SUBSET 153 TOTAL 206
SHEET P.1971 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
BRIDGE NO. FAI-TR219-00.044 TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK (INLET)
BORING LOG B-110-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:53:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL037.dgn

Lat/Long: 39.938826, -82.772922
44+98, 117' LT.

B-001-0-11

PROJECT: VIO-43 BRIDGE REPLACEMENT
TYPE: BRIDGE REPLACEMENT
PID: _____ BR ID: _____
START: 4/28/11 END: 4/28/11

DRILLING FIRM / OPERATOR: GCI / R. PLUMMER
SAMPLING FIRM / LOGGER: GCI / R. PLUMMER
DRILLING METHOD: 3.5" SSA
SAMPLING METHOD: SPT

DRILL RIG: CME 45B (RIG 1)
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 8/15/08
ENERGY RATIO (%): 66.9

STATION / OFFSET: _____
ALIGNMENT: _____
ELEVATION: 914.0 (MSL) EOB: 60.0 ft.
LAT / LONG: Not Recorded

EXPLORATION ID: B-1
PAGE 1 OF 2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
Asphalt (7")	914.0																	
SOFT, BROWN, **SILT AND CLAY**, TRACE FINE SAND, MODERATE PLASTICITY, MOIST TO WET ***(A-6a)***	913.4		1 1 2	2	-	SS-1	0.50	-	-	-	-	-	-	-	-	-	A-6a (V)	
SOFT, BROWN, **SILT AND CLAY**, LITTLE FINE TO COARSE SAND, TRACE GRAVEL, MODERATE PLASTICITY, MOIST ***(A-6a)***	910.0		2 1 2 3	3	-	SS-2	1.00	-	-	-	-	-	-	-	-	-	A-6a (V)	
contains layers of sandy silt (A-4a) and gravel with silt, sand and clay (A-2-4)			1 1 2 2	3	-	SS-3	0.50	16	6	12	35	31	32	17	15	19	A-6a (8)	
LOOSE TO MEDIUM DENSE, BROWN, **GRAVEL AND/OR STONE FRAGMENTS WITH SAND AND SILT**, MOIST TO WET ***(A-1-a)***	905.0		2 2 2 2	4	-	SS-4	1.50	-	-	-	-	-	-	-	-	-	A-6a (V)	
contains layers of silt (A-4b) and silt and clay (A-6b)			2 3 5 6	9	-	SS-5	-	58	18	11	-	13 -	NP	NP	NP	6	A-1-a (0)	
VERY DENSE **Water Seepage at 14.0'**		W	5 10 6 4	18	-	SS-6	-	-	-	-	-	-	-	-	-	-	A-1-a (V)	
			4 7 27 25	38	-	SS-7	-	-	-	-	-	-	-	-	-	-	A-1-a (V)	
HARD, GRAY, **SILT AND CLAY**, SOME TO SOME FINE TO COARSE SAND, LITTLE GRAVEL, LOW TO MODERATE PLASTICITY, DAMP TO MOIST ***(A-6a)***	898.0		15 18 22 26	45	-	SS-8	4.5+	-	-	-	-	-	-	-	-	-	A-6a (V)	
contains layers of silt (A-4a) and gravel with sand and silt (A-2-4)			10 16 19 22	39	-	SS-9	2.00	12	10	17	33	28	25	14	11	13	A-6a (6)	
			11 15 31	51	-	SS-10	4.5+	-	-	-	-	-	-	-	-	-	A-6a (V)	
			14 19 26	50	-	SS-11	2.50	-	-	-	-	-	-	-	-	-	A-6a (V)	

GCI ODOT LOG - OH DOT.GDT - 6/2/11 13:11 - S:\GINT\PROJECTS\11G\16172\ODOT.GPJ

PID: _____ BR ID: _____ PROJECT: VIO-43 BRIDGE REPLACEMENT STATION / OFFSET: _____ START: 4/28/11 END: 4/28/11 PG 2 OF 2 B-1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, GRAY, **SILT AND CLAY**, SOME TO SOME FINE TO COARSE SAND, LITTLE GRAVEL, LOW TO MODERATE PLASTICITY, DAMP TO MOIST ***(A-6a) (continued)***	884.0		12 17 28	50	-	SS-12	4.00	-	-	-	-	-	-	-	-	-	A-6a (V)	
			11 16 26	47	-	SS-13	2.75	-	-	-	-	-	-	-	-	-	A-6a (V)	
			14 20 30	56	-	SS-14	4.5+	-	-	-	-	-	-	-	-	-	A-6a (V)	
			12 22 27	55	-	SS-15	3.00	-	-	-	-	-	-	-	-	-	A-6a (V)	
			14 19 30	55	-	SS-16	3.00	-	-	-	-	-	-	-	-	-	A-6a (V)	
BOTTOM OF BORING: 60.0'	854.0	EOB	16 22 33	61	-	SS-17	4.5+	-	-	-	-	-	-	-	-	-	A-6a (V)	

GCI ODOT LOG - OH DOT.GDT - 6/2/11 13:11 - S:\GINT\PROJECTS\11G\16172\ODOT.GPJ

NOTES: WATER SEEPAGE ENCOUNTERED AT 14.0' DURING DRILLING AND WAS MEASURED AT 15.0' AT COMPLETION OF DRILLING
ABANDONMENT METHODS, MATERIALS, QUANTITIES: SOIL CUTTINGS
GCI Job No: 11-G-16172

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P.1972	P.2024	154	206	96808	CH 08/21/26	DT

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
BRIDGE NO. FAI-TR219-00.044 TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK (OUTLET)
HISTORICAL BORING LOG B-001-0-11

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:53:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL038.dgn

Lat/Long: 39.938723, -82.772937
44+60, 119' LT.

B-002-0-11

PROJECT: VIO-43 BRIDGE REPLACEMENT | DRILLING FIRM / OPERATOR: GCI / C. PLUMMER | DRILL RIG: CME 45 (RIG 4) | STATION / OFFSET: | EXPLORATION ID B-2
TYPE: BRIDGE REPLACEMENT | SAMPLING FIRM / LOGGER: GCI / C. PLUMMER | HAMMER: CME AUTOMATIC | ALIGNMENT:
PID: BR ID: | DRILLING METHOD: 3.5" SSA | CALIBRATION DATE: 8/15/08 | ELEVATION: 915.0 (MSL) EOB: 50.0 ft. | PAGE 1 OF 2
START: 4/28/11 END: 4/28/11 | SAMPLING METHOD: | ENERGY RATIO (%): 74 | LAT / LONG: Not Recorded

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
Asphalt (4")	915.0																	
VERY LOOSE TO LOOSE, BROWN, **GRAVEL AND/OR STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, MOIST TO WET *(A-2-4)*	914.7		2 3 3	7	-	SS-1	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
			2 2 3	5	-	SS-2	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
			4 3 4	7	-	SS-3	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
			2 3 3	6	-	SS-4	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
Water Seepage at 10.2'		W	2 2 1	6	-	SS-5	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
SOFT, STAINED BROWN, **SILT AND CLAY**, LITTLE FINE TO COARSE SAND, TRACE GRAVEL, MODERATE PLASTICITY, WET *(A-6a)*	903.0		1 2 2	5	-	SS-6	1.00	-	-	-	-	-	-	-	-	-	A-6a (V)	
MEDIUM DENSE TO DENSE, BROWN, **GRAVEL AND/OR STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, WET *(A-2-4)*	900.5		2 4 7 10	14	-	SS-7	-	-	-	-	-	-	-	-	-	-	A-2-4 (V)	
			15 21 22 23	53	-	SS-8	-	62	17	6	10	5	24	17	7	11	A-2-4 (0)	
VERY DENSE, GRAY, **GRAVEL AND/OR STONE FRAGMENTS**, WET *(A-1-a)*	897.0	▼	18 25 33 41	72	-	SS-9	-	-	-	-	-	-	-	-	-	-	A-1-a (V)	
HARD, GRAY, **SILT AND CLAY**, SOME FINE TO COARSE SAND, LITTLE GRAVEL, LOW TO MODERATE PLASTICITY, DAMP TO MOIST *(A-6a)*	893.5																	
contains layers of sandy silt (A-4a) and gravel with silt, sand and clay (A-2-4)			18 14 23	46	-	SS-10	4.5+	23	17	16	27	17	23	14	9	10	A-4a (2)	
			12 16 21	46	-	SS-11	4.50	-	-	-	-	-	-	-	-	-	A-6a (V)	

GCI ODOT LOG - OH DOT.GDT - 7/19/11 13:45 - S:\GINT\PROJECTS\11G16720DOT.GPJ

PID: BR ID: | PROJECT: VIO-43 BRIDGE REPLACEMENT | STATION / OFFSET: | START: 4/28/11 END: 4/28/11 | PG 2 OF 2 | B-2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, GRAY, **SILT AND CLAY**, SOME FINE TO COARSE SAND, LITTLE GRAVEL, LOW TO MODERATE PLASTICITY, DAMP TO MOIST *(A-6a) (continued)*	885.0																	
			11 14 19	41	-	SS-12	4.50	-	-	-	-	-	-	-	-	-	A-6a (V)	
			12 17 21	47	-	SS-13	3.00	16	14	16	29	25	25	14	11	13	A-6a (4)	
			14 20 34	67	-	SS-14	4.50	-	-	-	-	-	-	-	-	-	A-6a (V)	
BOTTOM OF BORING: 50.0'	865.0	EOB	17 23 40	78	-	SS-15	4.50	-	-	-	-	-	-	-	-	-	A-6a (V)	

GCI ODOT LOG - OH DOT.GDT - 7/19/11 13:45 - S:\GINT\PROJECTS\11G16720DOT.GPJ

NOTES: WATER SEEPAGE ENCOUNTERED AT 10.2' DURING DRILLING AND WAS MEASURED AT 18.0' AT COMPLETION OF DRILLING
ABANDONMENT METHODS, MATERIALS, QUANTITIES: SOIL CUTTINGS | GCI Job No: 11-G-16172

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TEL 614.714.0299
WWW.NEASINC.COM

DESIGNER DT | REVIEWER CH | 08/21/26
PROJECT ID 96808
SUBSET 155 TOTAL 206
SHEET P.1973 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
BRIDGE NO. FAI-TR219-00.044 TAYLOR ROAD OVER TRIBUTARY TO BLACKLICK CREEK (OUTLET)
HISTORICAL BORING LOG B-002-0-11

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:54:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL401.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/28/26 END: 4/29/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 25+35, 8' RT.
ALIGNMENT: WALL F
ELEVATION: 903.0 (MSL) EOB: 111.5 ft.
LAT / LONG: 39.937720, -82.774490

EXPLORATION ID: B-087-1-26
PAGE: 1 OF 2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
VERY STIFF, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	903.0		2 3 5	11	39	SS-1	3.00	20	9	14	33	24	33	20	13	16	A-6a (6)	
MEDIUM DENSE, BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, LITTLE CLAY, MOIST	898.5		3 3 5	11	100	SS-2	-	-	-	-	-	-	-	-	-	17	A-2-4 (V)	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SAND, SOME SILT, TRACE GRAVEL, IRON STAINING, MOIST	896.0		3 4 5	12	89	SS-3	2.25	5	5	30	30	30	41	20	21	21	A-7-6 (10)	
HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	893.5		3 9 14	32	100	SS-4	4.50	18	11	16	32	23	28	18	10	12	A-4a (4)	
@12.5'; SS-5 CONTAINS NO INTACT SOIL FOR HP READINGS			5 10 12	30	11	SS-5	-	-	-	-	-	-	-	-	-	10	A-4a (V)	
			5 9 11	28	100	SS-6	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			8 12 15	37	100	SS-7	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			10 13 17	42	100	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			5 12 19	43	100	SS-9	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			9 12 16	39	78	SS-10	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			6 14 18	44	100	SS-11	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
@36.5'; ADDED WATER AS CIRCULATING FLUID	864.7		10 18 23	57	100	SS-12	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP			9 14 22	50	100	SS-13	2.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
			11 17 28	62	100	SS-14	4.25	10	12	17	37	24	25	14	11	12	A-6a (6)	
			11 30 35	90	72	SS-15	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	846.0		10 32 32	89	100	SS-16	3.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
GRAY, COBBLES/BOULDERS, DAMP, (DRILLERS DESCRIPTION)	843.0																	

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 7/23/26 13:34 - X:\ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.00 TO3 AMD1 572026 - INCLUDING OFFSET BORINGS.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH
PROJECT ID: 96808
SUBSET: 156 TOTAL: 206
SHEET: P.1974 TOTAL: P.2024
08/21/26

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F
BORING LOG B-087-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:54:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL402.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 25+35, 8' RT. | START: 4/28/26 | END: 4/29/26 | PG 2 OF 2 | B-087-1-26

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	843.0	61	50	-	100	SS-17	4.50	14	16	20	32	18	21	15	6	9	A-4a (3)	
		62																
		63																
		64																
		65	27 50	-	92	SS-18	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
	836.0	66																
GRAY, COBBLES/BOULDERS, DAMP, (DRILLERS DESCRIPTION)		67																
		68																
		69																
	833.0	70																
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP		71	32 27 38	90	89	SS-19	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
		72																
	829.7	73																
VERY DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, MOIST		74																
		75																
		76	19 28 40	94	100	SS-20	-	21	27	18	26	8	21	14	7	11	A-2-4 (0)	
	824.7	77																
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		78																
		79																
		80																
		81	15 20 27	65	100	SS-21	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	819.7	82																
VERY DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, MOIST		83																
		84																
		85																
		86	18 18 19	51	100	SS-22	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)	
	814.7	87																
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP		88																
		89																
		90																
		91	18 23 26	68	100	SS-23	4.25	5	8	17	43	27	27	16	11	15	A-6a (7)	
		92																
		93																
		94																
		95																
		96	14 19 27	64	100	SS-24	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	
		97																
		98																
		99																
		100																
		101	15 24 32	77	100	SS-25	4.25	-	-	-	-	-	-	-	-	13	A-6a (V)	
		102																
		103																
		104																
		105																
		106	11 16 22	53	100	SS-26	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		107																
		108																
		109																
		110																
	791.5	111 EOB	10 16 19	48	100	SS-27	4.00	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 14.0' SOUTH.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PUMPED 150 GAL. BENTONITE GROUT; POURED 4 BAG HOLE PLUG

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.00 TO3 AMD#1 572026 - INCLUDING OFFSET BORINGS.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH 08/21/26
PROJECT ID 96808
SUBSET 157 TOTAL 206
SHEET P.1975 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL F
BORING LOG B-087-1-26 (CONT.)

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:55:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL403.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: RETAINING WALL
PID: 96808 SFN:
START: 4/2/26 END: 4/2/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. LITTERAL
SAMPLING FIRM / LOGGER: NEAS INC. / J. LITTERAL
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 88

STATION / OFFSET: 1+64, 89' LT.
ALIGNMENT: CIP WALL NO. 9 {CLP_1}
ELEVATION: 912.1 (MSL) EOB: 65.0 ft.
LAT / LONG: 39.939190, -82.772500

EXPLORATION ID: B-106-1-26
PAGE: 1 OF 2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, DARK BROWN AND ORANGISH BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	912.1		2 2 3	7	50	SS-1	3.00	8	10	15	40	27	36	22	14	19	A-6a (8)	
			3 4 3	10	22	SS-2	2.75	9	11	15	37	28	37	22	15	21	A-6a (8)	
VERY STIFF, DARK BROWN AND ORANGISH BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, IRON STAINING, CONTAINS A 1.0" CLAY SEAM, MOIST	905.1		1 2 3	7	67	SS-3	2.25	-	-	-	-	-	-	-	-	23	A-4a (V)	
VERY DENSE, BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, LITTLE CLAY, DAMP	902.6		2 12 50/5"	-	41	SS-4	-	36	14	18	20	12	29	20	9	13	A-2-4 (0)	
GRAY, **BOULDERY ZONE** COBBLES/BOULDERS, DAMP, (DRILLERS DESCRIPTION)	900.6		35 50/1"	-	14	SS-5	-	-	-	-	-	-	-	-	-	4	A-1-a (V)	
VERY DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	898.1		6 30 30	88	50	SS-6	-	-	-	-	-	-	-	-	-	6	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP	895.1		7 12 15	40	56	SS-7	4.50	19	11	18	35	17	21	14	7	7	A-4a (3)	
VERY DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	892.6		6 20 50/1"	-	69	SS-8	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)	
	887.6	W 888.1	44 27 17	65	44	SS-9	-	-	-	-	-	-	-	-	-	8	A-2-4 (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	878.8		14 10 9	28	50	SS-10	3.50	9	14	18	35	24	26	15	11	13	A-6a (5)	
			16 21 20	60	11	SS-11	2.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			6 17 21	56	78	SS-12	4.50	12	13	17	38	20	24	15	9	11	A-4a (5)	
			7 17 18	51	72	SS-13	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			6 13 21	50	78	SS-14	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
			9 21 26	69	72	SS-15	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
			6 13 23	53	78	SS-16	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	853.8																	

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.00_TO3_AMD1_572026 - INCLUDING OFFSET BORINGS.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TEL: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH
PROJECT ID: 96808
SUBSET: 158 TOTAL: 206
SHEET: P.1976 TOTAL: P.2024
08/21/26

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD
BORING LOG B-106-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:55:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL404.dgn

PID: 96808 | SFN: | PROJECT: FAI/LIC-70-0.00/0.00 | STATION / OFFSET: 1+64, 89' LT. | START: 4/2/26 | END: 4/2/26 | PG 2 OF 2 | B-106-1-26

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP *(continued)*	852.1	61	15 17 23	59	83	SS-17	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		62																
		63																
		64	15 16 23	57	83	SS-18	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
	847.1	EOB 65																

NOTES: GROUNDWATER ENCOUNTERED AT 24.0' DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 15.0' SOUTH.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 4 BAGS HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.00 TO3 AMD1 572026 - INCLUDING OFFSET BORINGS.GPJ

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER RS | REVIEWER CH | 08/21/26 | PROJECT ID 96808 | SUBSET 159 TOTAL 206 | SHEET P.1977 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
CIP WALL NO. 9 ALONG EXISTING TAYLOR ROAD
BORING LOG B-106-1-26 (CONT.)

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:56:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL405.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 10+96, 54' RT. | EXPLORATION ID: B-119-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 810.7 (MSL) EOB: 25.0 ft.
START: 7/7/25 END: 7/7/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.932629, -82.823970

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	810.7 / 810.2																	
DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	808.2		8 14 11	33	28	SS-1	-	-	-	-	-	-	-	-	-	5	A-1-b (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	805.2		2 3 5	11	39	SS-2	4.25	2	6	11	48	33	32	22	10	21	A-4a (8)	
VERY STIFF, GRAY MOTTLED WITH ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, MOIST	802.7		3 4 6	13	33	SS-3	3.75	2	5	12	39	42	41	21	20	23	A-7-6 (12)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			6 6 7	17	50	SS-4	4.50	3	8	14	39	36	30	17	13	17	A-6a (9)	
			4 6 8	18	44	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
SS-6 CONTAINS NO RECOVERY	795.2		10 10 10	26	0	SS-6	-	-	-	-	-	-	-	-	-	-		
HARD, BROWNISH GRAY MOTTLED WITH ORANGISH BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	792.7		9 8 10	24	28	SS-7	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			3 3 5	11	44	SS-8	3.00	11	11	14	39	25	26	16	10	14	A-4a (6)	
			4 5 4	12	39	SS-9	4.00	-	-	-	-	-	-	-	-	12	A-4a (V)	
	785.7	EOB	3 5 5	13	50	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 12+92, 50' RT. | EXPLORATION ID: B-120-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 811.9 (MSL) EOB: 25.0 ft.
START: 7/7/25 END: 7/7/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.932590, -82.823278

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	811.9 / 811.4																	
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP TO MOIST			6 5 7	16	56	SS-1	4.50	1	5	15	44	35	40	19	21	19	A-6b (12)	
	806.4		2 4 5	12	33	SS-2	3.75	-	-	-	-	-	-	-	-	20	A-6b (V)	
VERY STIFF TO HARD, BROWN, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, MOIST TO DAMP			3 6 7	17	39	SS-3	4.50	-	-	-	-	-	-	-	-	17	A-4a (V)	
			5 6 7	17	39	SS-4	3.75	22	16	17	27	18	25	15	10	13	A-4a (2)	
	798.9		5 6 9	20	44	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
VERY STIFF, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP TO MOIST			4 4 4	11	56	SS-6	3.75	9	11	14	39	27	25	16	9	13	A-4a (6)	
			4 5 4	12	61	SS-7	3.75	-	-	-	-	-	-	-	-	14	A-4a (V)	
			4 5 6	14	44	SS-8	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			5 6 8	18	50	SS-9	3.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	786.9	EOB	4 5 4	12	67	SS-10	2.75	-	-	-	-	-	-	-	-	14	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1978	P.2024	160	206	96808	CH 08/21/26	RS	NEAS

NEAS Ohio Engineering & Technical Services
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A1
BORING LOGS B-119-0-23 & B-120-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:57:12 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL406.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:33 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES | DRILL RIG: CME 55X | STATION / OFFSET: 10+10, 3' RT. | EXPLORATION ID: B-119-1-26
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES | HAMMER: CME AUTOMATIC | ALIGNMENT: WALL A1A | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/25/26 | ELEVATION: 808.5 (MSL) EOB: 25.0 ft.
START: 5/6/26 END: 5/6/26 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 83 | LAT / LONG: 39.932920, -82.823140

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, IRON STAINING, MOIST	808.5	1	6 6 8	19	100	SS-1	3.00	2	8	21	28	41	52	24	28	25	A-7-6 (16)	
VERY STIFF TO HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	805.5	2																
		3																
		4	4 3 5	11	100	SS-2	3.25	9	11	17	36	27	32	19	13	17	A-6a (7)	
		5																
		6	4 8 9	24	28	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		7																
		8																
		9	5 5 8	18	100	SS-4	4.25	12	11	15	35	27	29	18	11	14	A-6a (6)	
	798.0	10																
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP		11																
	795.5	12	3 6 10	22	100	SS-5	4.50	9	11	17	38	25	23	15	8	12	A-4a (6)	
VERY STIFF, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		13																
	793.0	14	5 4 7	15	39	SS-6	2.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
MEDIUM DENSE, BROWN, **COARSE AND FINE SAND**, LITTLE SILT, TRACE CLAY, TRACE GRAVEL, DAMP		15																
	790.5	16	4 5 10	21	100	SS-7	-	6	35	34	18	7	NP	NP	NP	10	A-3a (0)	
DENSE, GRAY, **STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP		17																
		18																
		19	5 8 16	33	44	SS-8	-	-	-	-	-	-	-	-	-	7	A-1-b (V)	
		20																
		21	7 11 18	40	39	SS-9	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	
	785.5	22																
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP		23																
	783.5	24	12 15 23	53	100	SS-10	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	EOB	25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 12+84, 76' RT. | EXPLORATION ID: B-121-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 813.0 (MSL) EOB: 25.0 ft.
START: 7/7/25 END: 7/7/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.932552, -82.822568

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	812.5	1																
VERY STIFF TO HARD, BROWN AND GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL, DAMP TO MOIST		2	8 8 6	18	39	SS-1	4.50	26	15	18	25	16	24	14	10	10	A-4a (1)	
		3																
		4	8 6 6	16	22	SS-2	3.00	-	-	-	-	-	-	-	-	17	A-4a (V)	
		5																
		6	7 5 6	14	28	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
		7																
		8	8 6 5	14	44	SS-4	4.50	12	14	17	32	25	27	18	9	15	A-4a (4)	
		9																
		10	6 5 6	14	50	SS-5	4.00	-	-	-	-	-	-	-	-	16	A-4a (V)	
		11																
		12																
		13	5 6 10	21	56	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
		14																
		15																
		16	8 7 9	21	50	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
	795.0	17																
VERY DENSE, GRAY, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, DAMP		18																
	792.5	19	50/2"	-	50	SS-8	-	-	-	-	-	-	-	-	-	6	A-1-a (V)	
DENSE, GRAY, **STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP		20																
	790.0	21	24 17 19	47	17	SS-9	-	-	-	-	-	-	-	-	-	5	A-1-b (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP		22																
	788.0	23																
	EOB	24	17 12 14	34	72	SS-10	4.50	13	10	14	39	24	24	15	9	11	A-4a (6)	
		25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVISION	DESIGNER	DESIGN AGENCY
P.1979	P.2024	161	206	96808	CH 08/27/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-119-1-26 & B-121-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:57:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL407.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:33 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/6/26 END: 5/6/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 13+81, 5' RT.
ALIGNMENT: WALL A1A
ELEVATION: 811.1 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932840, -82.821820

EXPLORATION ID: B-121-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN, **SILT AND CLAY**, LITTLE SAND, TRACE GRAVEL, CONTAINS TRACE ROOTS, DAMP	811.1		3 4 4	11	100	SS-1	3.25	0	5	10	55	30	39	24	15	9	A-6a (10)	
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	808.1		3 3 7	14	100	SS-2	4.50	2	8	15	36	39	39	21	18	10	A-6b (11)	
			3 7 8	21	100	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
			4 3 6	12	100	SS-4	3.75	-	-	-	-	-	-	-	-	17	A-6b (V)	
	798.1		3 5 5	14	100	SS-5	3.75	-	-	-	-	-	-	-	-	16	A-6b (V)	
STIFF TO VERY STIFF, GRAY, **SILT AND CLAY**, LITTLE SAND, TRACE GRAVEL, DAMP			4 4 5	12	100	SS-6	3.00	-	-	-	-	-	-	-	-	13	A-6a (V)	
	793.1		3 3 4	10	100	SS-7	1.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
HARD, BROWNISH GRAY AND GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP			7 11 13	33	100	SS-8	4.50	9	12	20	38	21	22	15	7	8	A-4a (5)	
			9 10 16	36	100	SS-9	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
	786.1	EOB	13 15 20	48	100	SS-10	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 7/7/25 END: 7/7/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / NS
DRILLING METHOD: 2.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 45B
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 79

STATION / OFFSET: 14+85, 75' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 814.3 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932515, -82.821854

EXPLORATION ID: B-122-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	813.8																	
MEDIUM DENSE, BROWN AND DARK GRAY, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, SLIGHTLY ORGANIC, MOIST	811.3		6 7 6	17	44	SS-1	-	-	-	-	-	-	-	-	-	16	A-2-4 (V)	
HARD, BROWN AND DARK GRAY WITH ORANGISH BROWN MOTTLES, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, IRON STAINING, SLIGHTLY ORGANIC, DAMP TO MOIST			5 6 6	16	22	SS-2	4.25	9	7	11	36	37	39	19	20	19	A-6b (12)	
			4 6 5	14	33	SS-3	4.50	-	-	-	-	-	-	-	-	19	A-6b (V)	
	803.8		6 7 9	21	56	SS-4	4.50	-	-	-	-	-	-	-	-	22	A-6b (V)	
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			5 8 7	20	50	SS-5	4.50	9	12	15	35	29	29	16	13	15	A-6a (7)	
			3 6 7	17	44	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	796.3		4 7 8	20	50	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, CONTAINS A 2.0" PEBBLE, DAMP	793.8		3 4 6	13	22	SS-8	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)	
MEDIUM DENSE, BROWN, **COARSE AND FINE SAND**, LITTLE GRAVEL, TRACE SILT, TRACE CLAY, WET	791.3		4 4 5	12	33	SS-9	-	-	-	-	-	-	-	-	-	18	A-3a (V)	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, WET	789.3	EOB	4 8 12	26	56	SS-10	-	-	-	-	-	-	-	-	-	17	A-2-4 (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 21.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVISION: 08/27/26
PROJECT ID: 96808
SUBSET: 162 TOTAL: 206
SHEET: P.1980 TOTAL: P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-121-1-26 & B-122-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:58:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL408.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/20/25 END: 6/20/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 16+85, 75' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 815.4 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932474, -82.821143

EXPLORATION ID B-123-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTON)	815.0																
STIFF, BROWN, **SILT AND CLAY**, SOME STONE FRAGMENTS, SOME SAND, DAMP	812.4	4 6 5	15	28	SS-1	-	34	14	12	22	18	29	15	14	10	A-6a (2)	
VERY STIFF TO HARD, DARK BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, SLIGHTLY ORGANIC, DAMP @3.5'-5.0'; LOI = 3.9%	807.4	3 4 5	12	67	SS-2	4.50	3	4	7	41	45	50	24	26	22	A-7-6 (16)	
		2 3 5	11	67	SS-3	3.75	-	-	-	-	-	-	-	-	21	A-7-6 (V)	
VERY STIFF TO HARD, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP		3 5 9	19	61	SS-4	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
@11.0'; SS-5 CONTAINS NO INTACT SOIL FOR HP	802.4	6 8 8	21	72	SS-5	-	13	10	19	37	21	23	15	8	12	A-4a (5)	
MEDIUM DENSE TO VERY DENSE, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP		6 9 11	27	22	SS-6	-	28	9	18	34	11	NP	NP	NP	8	A-4a (2)	
		4 6 10	21	56	SS-7	-	-	-	-	-	-	-	-	-	9	A-4a (V)	
		3 8 13	28	56	SS-8	-	-	-	-	-	-	-	-	-	9	A-4a (V)	
		10 16 23	52	44	SS-9	-	-	-	-	-	-	-	-	-	10	A-4a (V)	
	790.4 EOB	10 9 8	23	50	SS-10	-	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/6/26 END: 5/6/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 17+91, 7' RT.
ALIGNMENT: WALL A1A
ELEVATION: 816.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932750, -82.820360

EXPLORATION ID B-123-1-26
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
STIFF, BLACK, **PEAT**, CONTAINS WOOD FRAGMENTS, MOIST @1.0'-2.5'; LOI = 5.1% (P)	813.8	3 4 5	12	100	SS-1	1.50	-	-	-	-	-	-	-	-	29	Peat (V)	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP TO MOIST	808.8	2 5 7	17	100	SS-2	3.50	8	8	15	34	35	41	22	19	19	A-7-6 (11)	
		5 4 4	11	17	SS-3	2.25	-	-	-	-	-	-	-	-	26	A-7-6 (V)	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	806.3	4 5 7	17	100	SS-4	3.50	5	13	20	38	24	26	17	9	14	A-4a (5)	
STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP		9 9 5	19	100	SS-5	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
		7 6 6	17	100	SS-6	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		3 5 6	15	100	SS-7	4.50	6	17	19	38	20	21	15	6	11	A-4a (5)	
	W 798.3	3 5 4	12	22	SS-8	1.25	-	-	-	-	-	-	-	-	14	A-4a (V)	
	796.3																
DENSE TO VERY DENSE, GRAY, **GRAVEL WITH SAND**, TRACE SILT, TRACE CLAY, WET		3 13 16	40	100	SS-9	-	10	45	30	10	5	NP	NP	NP	15	A-1-b (0)	
	791.8 EOB	18 22 27	68	100	SS-10	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P.1981	P.2024

SUBSET	TOTAL
163	206

PROJECT ID: 96808

CH 08/21/26
REVISION

DESIGNER: RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
(614) 714-0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-123-0-23 & B-123-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:59:06 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL409.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 55X | STATION / OFFSET: 18+85, 73' RT. | EXPLORATION ID B-124-0-24
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 816.4 (MSL) EOB: 25.0 ft.
START: 6/20/25 END: 6/20/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.932438, -82.820431

MATERIAL DESCRIPTION AND NOTES	ELEV. 816.4	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	816.0																	
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN AND DARK BROWN, **CLAY**, "AND" SILT, LITTLE GRAVEL, LITTLE SAND, SLIGHTLY ORGANIC, DAMP		1	3 3 5	11	44	SS-1	4.25	16	5	9	40	30	45	21	24	19	A-7-6 (13)	
	810.9	2																
		3	1 3 4	9	50	SS-2	3.25	-	-	-	-	-	-	-	-	19	A-7-6 (V)	
		4																
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP		5																
		6	1 3 5	11	39	SS-3	4.50	17	10	18	34	21	26	17	9	15	A-4a (4)	
		7																
		8																
		9	3 3 3	8	67	SS-4	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
		10																
		11																
		12	1 3 4	9	61	SS-5	3.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		13																
		14																
		15	3 6 6	16	67	SS-6	4.50	11	12	19	38	20	21	15	6	12	A-4a (5)	
		16																
		17	3 6 5	15	56	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		18																
		19	4 6 10	21	50	SS-8	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
		20																
		21																
		22	6 16 21	49	50	SS-9	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
		23																
		24																
	791.4	25	3 6 11	23	67	SS-10	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
	EOB																	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 55X | STATION / OFFSET: 20+84, 71' RT. | EXPLORATION ID B-125-0-24
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 817.9 (MSL) EOB: 25.0 ft.
START: 6/18/25 END: 6/18/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.932406, -82.819721

MATERIAL DESCRIPTION AND NOTES	ELEV. 817.9	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	817.5																	
HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP		1	8 6 9	20	44	SS-1	4.50	26	15	15	27	17	25	17	8	10	A-4a (2)	
		2																
		3																
		4	3 4 7	15	61	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
		5																
		6																
		7	4 7 6	17	67	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		8																
		9	3 4 5	12	50	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
		10																
		11																
		12	2 4 9	17	67	SS-5	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
		13																
		14	2 8 13	28	56	SS-6	4.50	13	11	22	35	19	20	13	7	10	A-4a (4)	
		15																
		16																
		17	2 13 19	43	61	SS-7	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
		18																
		19	6 19 23	56	67	SS-8	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
		20																
		21																
		22	16 21 27	64	72	SS-9	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
		23																
		24																
	792.9	25	6 27 32	79	56	SS-10	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
	EOB																	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1982 TOTAL P.2024	164 TOTAL 206	96808	CH 08/21/26	RS	NEAS Ohio Kentucky Indiana Regional Division

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 714-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-124-0-23 & B-125-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 5:59:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL410.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/6/26 END: 5/6/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 22+02, 4' RT.
ALIGNMENT: WALL A1A
ELEVATION: 824.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932680, -82.818900

EXPLORATION ID: B-125-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	824.8		4 7 8	21	100	SS-1	3.00	4	13	16	31	36	48	24	24	21	A-7-6 (13)	
VERY STIFF TO HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	821.8		5 6 9	21	100	SS-2	4.50	3	10	17	39	31	29	18	11	14	A-6a (7)	
			4 5 7	17	100	SS-3	3.00	-	-	-	-	-	-	-	-	15	A-6a (V)	
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	816.8		4 5 5	14	100	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			3 4 6	14	100	SS-5	4.50	8	12	20	41	19	19	15	4	10	A-4a (5)	
@13.5'-17.5'; CONTAINS INTERBEDDED SILT SEAMS			5 7 9	22	72	SS-6	4.25	-	-	-	-	-	-	-	-	15	A-4a (V)	
			15 17 14	43	44	SS-7	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			8 16 18	47	100	SS-8	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			6 17 23	55	100	SS-9	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
	799.8	EOB	9 16 16	44	100	SS-10	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD# (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/18/25 END: 6/18/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 22+82, 74' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 819.9 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932362, -82.819014

EXPLORATION ID: B-126-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	819.5																	
HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP			8 9 7	21	56	SS-1	4.50	26	18	18	25	13	20	15	5	8	A-4a (1)	
			3 5 8	17	56	SS-2	4.50	15	10	17	40	18	20	15	5	10	A-4a (5)	
			3 5 12	23	50	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 7 10	23	61	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			3 7 10	23	67	SS-5	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			3 10 14	32	56	SS-6	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
@16.0'; SS-7 NO RECOVERY			3 10 14	32	0	SS-7	-	-	-	-	-	-	-	-	-	-		
			3 14 18	43	61	SS-8	4.50	16	10	19	36	19	21	14	7	8	A-4a (4)	
			10 14 18	43	67	SS-9	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
	794.9	EOB	4 18 25	57	50	SS-10	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

SHEET	TOTAL
P.1983	P.2024

SUBSET	TOTAL
165	206

PROJECT ID: 96808

CH 08/27/26

DESIGNER: RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-125-1-26 & B-126-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:00:20 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL411.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/17/25 END: 6/17/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 24+82, 80' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 822.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932312, -82.818305

EXPLORATION ID B-127-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	821.8																	
HARD, LIGHT BROWN AND DARK BROWN AND MAROONISH BROWN, **SANDY SILT**, "AND" GRAVEL AND STONE FRAGMENTS, LITTLE CLAY, CONTAINS NO INTACT SOIL FOR HP, DAMP	819.2		6 16 18	45	28	SS-1	-	36	16	12	23	13	26	17	9	7	A-4a (0)	
HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			6 8 9	23	56	SS-2	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			4 7 8	20	61	SS-3	4.50	12	11	13	48	16	21	16	5	12	A-4a (6)	
			4 7 9	21	50	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			4 7 10	23	67	SS-5	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			4 6 8	19	44	SS-6	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			4 5 10	20	56	SS-7	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			4 6 11	23	56	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	799.2		16 19 21	53	44	SS-9	4.50	-	-	-	-	-	-	-	-	8	A-4a (V)	
HARD, BROWN AND MAROONISH BROWN AND BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP	797.2		14 16 17	44	39	SS-10	4.50	4	8	14	44	30	28	17	11	9	A-6a (8)	
		EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/7/26 END: 5/7/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 25+73, 4' RT.
ALIGNMENT: WALL A1A
ELEVATION: 832.0 (MSL) EOB: 24.8 ft.
LAT / LONG: 39.932620, -82.817580

EXPLORATION ID B-127-1-26
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN AND ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	829.0		3 6 6	17	100	SS-1	4.25	5	10	17	29	39	42	22	20	21	A-7-6 (11)	
HARD, BROWN AND ORANGISH BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	826.5		4 7 20	37	100	SS-2	4.50	10	16	17	35	22	29	18	11	13	A-6a (5)	
HARD, BROWN BECOMING GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP			4 10 16	36	89	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			4 7 8	21	100	SS-4	4.50	14	13	16	33	24	26	16	10	10	A-4a (4)	
	819.0		5 8 10	25	100	SS-5	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
DENSE, MAROONISH BROWN AND GRAY, **SILT**, LITTLE CLAY, LITTLE STONE FRAGMENTS, LITTLE SAND, RESIDUAL SOIL, STONE FRAGMENTS ARE VERY WEAK SHALE, DAMP	816.5		7 10 13	32	100	SS-6	-	17	3	8	53	19	NP	NP	NP	9	A-4b (7)	
VERY DENSE, GRAY, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, DAMP	814.0		5 25 34	82	44	SS-7	-	-	-	-	-	-	-	-	-	5	A-1-a (V)	
VERY DENSE, MAROONISH BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, RESIDUAL ROCK, STONE FRAGMENTS ARE VERY WEAK SHALE, DAMP			12 19 27	64	61	SS-8	-	-	-	-	-	-	-	-	-	7	A-2-4 (V)	
			16 20 32	72	17	SS-9	-	-	-	-	-	-	-	-	-	8	A-2-4 (V)	
	807.2		17 41 50/3"	-	27	SS-10	-	-	-	-	-	-	-	-	-	7	A-2-4 (V)	
		EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVISED	DESIGNER	DESIGN AGENCY
P.1984	P.2024	166	206	96808	CH 08/21/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 TEL: 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-127-0-23 & B-127-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:00:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL412.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 55X | STATION / OFFSET: 26+85, 82' RT. | EXPLORATION ID: B-128-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 824.0 (MSL) EOB: 25.0 ft.
START: 7/7/25 END: 7/7/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.932270, -82.817587

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLER'S DESCRIPTION)	824.0 / 823.5																	
HARD, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	821.0		4 6 5	15	56	SS-1	4.50	18	11	16	32	23	23	15	8	9	A-4a (4)	
MEDIUM DENSE, BROWNISH GRAY, **SILT**, SOME SAND, LITTLE CLAY, TRACE GRAVEL, DAMP	818.5		5 6 16	29	33	SS-2	-	5	7	21	51	16	NP	NP	NP	15	A-4b (6)	
MEDIUM DENSE, BROWNISH GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST	816.0	W 816.0	6 5 11	21	28	SS-3	-	37	26	17	14	6	NP	NP	NP	9	A-1-b (0)	
MEDIUM DENSE, GRAY, **SILT**, LITTLE SAND, TRACE CLAY, TRACE GRAVEL, WET TO MOIST	811.0		9 10 11	28	33	SS-4	-	9	5	8	68	10	NP	NP	NP	19	A-4b (8)	
			7 11 8	25	39	SS-5	-	-	-	-	-	-	-	-	-	12	A-4b (V)	
VERY STIFF TO HARD, GRAY AND MAROONISH BROWN BECOMING GRAYISH BROWN, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, DAMP			6 8 12	27	44	SS-6	4.50	9	11	18	45	17	20	14	6	12	A-4a (5)	
			5 7 11	24	50	SS-7	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			6 10 11	28	44	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			5 9 8	23	44	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	799.0	EOB	8 10 11	28	28	SS-10	3.00	-	-	-	-	-	-	-	-	14	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 8.0' DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 55X | STATION / OFFSET: 28+82, 79' RT. | EXPLORATION ID: B-129-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 825.6 (MSL) EOB: 25.0 ft.
START: 7/7/25 END: 7/7/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.932240, -82.816883

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
8.0" ASPHALT AND 54.0" GRANULAR BASE (DRILLER'S DESCRIPTION)	825.6 / 824.6																	
DENSE TO VERY DENSE, BROWN AND GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	820.6		36 29 30	79	22	SS-1	-	41	21	15	18	5	NP	NP	NP	3	A-1-b (0)	
			15 22 8	40	44	SS-2	-	-	-	-	-	-	-	-	-	6	A-1-b (V)	
STIFF TO VERY STIFF, BROWN, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, SS-3 CONTAINS NO INTACT SOIL FOR HP, DAMP			6 7 7	19	56	SS-3	-	23	19	12	29	17	28	18	10	10	A-4a (2)	
	815.1	W 815.6	6 10 10	27	72	SS-4	1.75	14	28	18	22	18	25	15	10	13	A-4a (1)	
MEDIUM DENSE, BROWN AND BROWNISH GRAY, **COARSE AND FINE SAND**, LITTLE GRAVEL, TRACE SILT, TRACE CLAY, WET	810.1		6 10 11	28	83	SS-5	-	-	-	-	-	-	-	-	-	15	A-3a (V)	
			6 12 8	27	72	SS-6	-	-	-	-	-	-	-	-	-	15	A-3a (V)	
HARD, GRAYISH BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP	805.1		6 10 9	25	44	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			5 9 10	25	11	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
MEDIUM DENSE TO DENSE, GRAYISH BROWN, **COARSE AND FINE SAND**, LITTLE SILT, LITTLE GRAVEL, TRACE CLAY, WET			8 10 11	28	28	SS-9	-	-	-	-	-	-	-	-	-	21	A-3a (V)	
	800.6	EOB	9 11 12	31	44	SS-10	-	-	-	-	-	-	-	-	-	24	A-3a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 10.0' DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVISED	DESIGNER	DESIGN AGENCY
P.1985	P.2024	167	206	96808	CH 08/21/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-128-0-23 & B-129-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:01:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL413.dgn

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/7/26 END: 5/7/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 29+72, 3' RT.
ALIGNMENT: WALL A1A
ELEVATION: 839.3 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932540, -82.816160

EXPLORATION ID: B-129-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, DAMP	839.3		5 5 5	14	100	SS-1	4.00	3	8	13	31	45	46	22	24	21	A-7-6 (15)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	836.3		5 8 11	26	100	SS-2	4.50	14	12	14	33	27	30	17	13	12	A-6a (6)	
	832.3		12 50/4"	-	40	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
DENSE, BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, LITTLE CLAY, DAMP	828.8		26 12 12	33	39	SS-4	-	52	9	10	14	15	NP	NP	NP	9	A-2-4 (0)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	826.3		11 13 14	37	100	SS-5	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
MEDIUM DENSE, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, DAMP	821.3	W 821.3	9 10 7	24	100	SS-6	-	-	-	-	-	-	-	-	-	12	A-4a (V)	
			5 5 8	18	100	SS-7	-	-	-	-	-	-	-	-	-	12	A-4a (V)	
MEDIUM DENSE TO VERY DENSE, GRAY, **COARSE AND FINE SAND**, LITTLE SILT, TRACE CLAY, TRACE GRAVEL, WET			6 8 14	30	33	SS-8	-	0	10	67	18	5	NP	NP	NP	20	A-3a (0)	
			7 15 16	43	89	SS-9	-	-	-	-	-	-	-	-	-	19	A-3a (V)	
	814.3	EOB	7 14 23	51	100	SS-10	-	-	-	-	-	-	-	-	-	21	A-3a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 18.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/5/25 END: 6/5/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 30+82, 79' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 827.3 (MSL) EOB: 24.8 ft.
LAT / LONG: 39.932200, -82.816172

EXPLORATION ID: B-130-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	826.9																	
HARD, GRAYISH BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP			15 12 11	34	50	SS-1	4.50	14	14	17	35	20	23	15	8	9	A-4a (4)	
			12 10 8	27	56	SS-2	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			6 12 8	30	72	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			4 5 5	15	89	SS-4	4.50	18	12	17	35	18	23	13	10	10	A-4a (4)	
			3 4 4	12	83	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			4 4 6	15	94	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	809.3		6 9 8	25	22	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
HARD, MAROONISH BROWN, **SILTY CLAY**, TRACE GRAVEL, TRACE SAND, DAMP			17 22 26	71	39	SS-8	4.50	2	0	0	56	42	39	22	17	8	A-6b (11)	
			20 48 46	139	50	SS-9	4.50	-	-	-	-	-	-	-	-	7	A-6b (V)	
	802.5	EOB	14 49 50/3"	-	73	SS-10	4.50	-	-	-	-	-	-	-	-	7	A-6b (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231-4714.0299
TELEPHONE
WWW.NEASINC.COM

DESIGNER: RS
REVISION: CH 08/27/26
PROJECT ID: 96808
SUBSET: 168 TOTAL: 206
SHEET: P.1986 TOTAL: P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-129-1-26 & B-130-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:02:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL414.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/4/25 END: 6/4/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / RW
DRILLING METHOD: 2.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 45B
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 79

STATION / OFFSET: 32+76, 82' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 829.3 (MSL) EOB: 23.8 ft.
LAT / LONG: 39.932151, -82.815484

EXPLORATION ID: B-131-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLER'S DESCRIPTION)	829.3 / 828.8																	
VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP TO MOIST			3 18 50/2"	-	36	SS-1	-	47	14	15	16	8	NP	NP	NP	6	A-1-b (0)	
			50/4"	-	75	SS-2	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	
@6.0'; SS-3 CONTAINS NO RECOVERY		W 823.3	60/2"	-	0	SS-3	-	-	-	-	-	-	-	-	-	-		
	821.8																	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, MOIST TO DAMP			10 15 8	30	72	SS-4	4.50	23	11	16	31	19	22	13	9	10	A-4a (3)	
			3 7 9	21	72	SS-5	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
@13.5'; SS-6 CONTAINS NO INTACT SOIL FOR HP			3 16 17	43	6	SS-6	-	-	-	-	-	-	-	-	-	11	A-4a (V)	
	813.8																	
HARD, MAROONISH BROWN, **SILTY CLAY**, TRACE SAND, TRACE GRAVEL, RESIDUAL SOIL, DAMP			28 50/5"	-	100	SS-7	4.50	1	0	1	55	43	39	20	19	9	A-6b (12)	
			28 50/4"	-	70	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-6b (V)	
	807.7	TR	38 50/1"	-	57	SS-9	4.50	-	-	-	-	-	-	-	-	16	A-6b (V)	
CLAYSTONE, MAROONISH BROWN, SEVERELY WEATHERED, VERY WEAK.	805.5	EOB	50/3"	-	100	SS-10	-	-	-	-	-	-	-	-	-	7	Rock (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 6.0' DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/7/26 END: 5/7/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 33+70, 3' RT.
ALIGNMENT: WALL A1A
ELEVATION: 838.9 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932460, -82.814750

EXPLORATION ID: B-131-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, SOME SILT, SOME SAND, LITTLE GRAVEL, IRON STAINING, TRACE ROOTS HAIRS, DAMP			5 7 5	17	100	SS-1	2.50	18	10	12	26	34	50	23	27	20	A-7-6 (13)	
			3 4 5	12	100	SS-2	2.75	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
	833.4																	
VERY STIFF TO HARD, BROWN BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE GRAVEL, DAMP			5 7 8	21	100	SS-3	4.50	12	10	16	39	23	27	18	9	13	A-4a (5)	
			5 4 5	12	100	SS-4	3.00	14	12	17	38	19	22	15	7	12	A-4a (4)	
			3 4 4	11	100	SS-5	2.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	825.4																	
COBBLES AND BOULDERS (DRILLERS DESCRIPTION) @13.5'; SS-6 CONTAINS NO RECOVERY	822.9	W 822.9	60/2"	-	0	SS-6	-	-	-	-	-	-	-	-	-	-		
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, MOIST TO DAMP			3 6 8	19	100	SS-7	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
			4 5 10	21	100	SS-8	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 8 12	28	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	813.9	EOB	5 9 11	28	100	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 16.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P.1987	P.2024

SUBSET	TOTAL
169	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
Natural Environmental Associates
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-131-0-23 & B-131-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:02:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL415.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/17/25 END: 6/17/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 34+73, 83' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 831.1 (MSL) EOB: 24.8 ft.
LAT / LONG: 39.932109, -82.814783

EXPLORATION ID B-132-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 831.1	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	830.7																	
VERY DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	828.1		8 21 50/1"	-	23	SS-1	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	
VERY DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	825.6		9 28 31	79	33	SS-2	-	35	19	18	21	7	NP	NP	NP	9	A-2-4 (0)	
VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST	823.1		11 40 50/2"	-	50	SS-3	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	
VERY STIFF TO HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, DAMP	813.1		9 12 14	35	56	SS-4	4.50	21	19	18	27	15	21	15	6	10	A-4a (1)	
			4 8 10	24	61	SS-5	4.00	-	-	-	-	-	-	-	-	12	A-4a (V)	
			7 10 11	28	67	SS-6	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			6 7 10	23	78	SS-7	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	
VERY STIFF, BROWN AND BLACKISH BROWN, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, SLIGHTLY ORGANIC, DAMP	810.6	W 811.1	10 21 10	41	50	SS-8	3.75	28	17	15	26	14	27	18	9	12	A-4a (1)	
DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, WET	808.1		6 21 12	44	39	SS-9	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	
HARD, MAROONISH BROWN, **SILTY CLAY**, TRACE SAND, TRACE GRAVEL, RESIDUAL SOIL, DAMP	806.3	EOB	6 31 50/4"	-	50	SS-10	4.50	1	1	1	51	46	38	22	16	11	A-6b (10)	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/17/25 END: 6/17/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 36+72, 81' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 832.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932076, -82.814075

EXPLORATION ID B-133-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 832.8	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	832.4																	
MEDIUM DENSE, LIGHT BROWNISH GRAY AND GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	829.8		6 10 9	25	39	SS-1	-	24	25	18	23	10	NP	NP	NP	8	A-2-4 (0)	
LOOSE TO MEDIUM DENSE, GRAY, **GRAVEL WITH SAND AND SILT**, LITTLE CLAY, DAMP	824.8		4 3 4	9	44	SS-2	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)	
			5 6 7	17	56	SS-3	-	30	25	13	21	11	22	15	7	9	A-2-4 (0)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE TO LITTLE GRAVEL, DAMP TO MOIST @11.0'; SS-5 CONTAINS INTERBEDDED SEAMS OF COARSE AND FINE SAND			3 4 6	13	50	SS-4	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
			3 5 8	17	61	SS-5	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	
			8 10 13	31	56	SS-6	4.25	6	12	34	32	16	19	12	7	13	A-4a (3)	
			8 13 13	35	61	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			8 10 14	32	50	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			8 11 9	27	56	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	807.8	EOB	8 13 17	40	56	SS-10	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 30.0' EAST.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVISED	DESIGNER
P.1988	P.2024	170	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-132-0-23 & B-133-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:03:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL416.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/5/26 END: 5/5/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 38+05, 2' RT.
ALIGNMENT: WALL A1A
ELEVATION: 844.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932380, -82.813200

EXPLORATION ID: B-133-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	844.0		4 6 8	19	100	SS-1	3.00	3	5	10	41	41	44	24	20	23	A-7-6 (13)	
COBBLES AND BOULDERS (DRILLERS DESCRIPTION) @3.5'; SS-2 CONTAINS NO RECOVERY	840.5		50/1"	-	0	SS-2	-	-	-	-	-	-	-	-	-	-		
HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, LITTLE TO SOME GRAVEL, DAMP	838.0		7 11 16	37	100	SS-3	4.50	25	13	13	25	24	32	17	15	10	A-6a (5)	
			5 8 12	28	44	SS-4	4.50	12	10	12	33	33	34	20	14	14	A-6a (8)	
	831.0		4 6 10	22	33	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE TO SOME CLAY, DAMP			6 5 7	17	100	SS-6	4.50	34	12	17	26	11	20	15	5	8	A-4a (0)	
			5 5 6	15	61	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			4 6 5	15	28	SS-8	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
			7 9 13	30	28	SS-9	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
	819.0	EOB	9 18 19	51	22	SS-10	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:12 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/2/25 END: 6/2/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 38+72, 83' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 834.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932031, -82.813365

EXPLORATION ID: B-134-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	834.4																	
DENSE, LIGHT BROWNISH GRAY, **STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	831.8		11 11 11	33	33	SS-1	-	-	-	-	-	-	-	-	-	4	A-1-b (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			10 10 8	27	72	SS-2	4.50	17	13	15	37	18	22	13	9	7	A-4a (4)	
			3 4 3	10	39	SS-3	4.50	-	-	-	-	-	-	-	-	7	A-4a (V)	
		W 824.8	2 4 5	13	50	SS-4	3.00	15	17	16	32	20	23	15	8	12	A-4a (3)	
			3 7 9	24	78	SS-5	4.50	8	11	20	39	22	22	15	7	9	A-4a (5)	
			4 6 7	19	89	SS-6	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			8 9 8	25	67	SS-7	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	
			4 5 10	22	50	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 4 7	16	89	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	809.8	EOB	3 5 8	19	94	SS-10	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 10.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P.1989 TOTAL P.2024
SUBSET 171 TOTAL 206
PROJECT ID 96808
REVISED CH 08/27/26
DESIGNER RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-133-1-26 & B-134-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:04:05 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL417.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/2/25 END: 6/2/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 40+64, 83' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 836.6 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931992, -82.812680

EXPLORATION ID B-135-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	836.6																	
MEDIUM DENSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	836.2		9 12 8	30	33	SS-1	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	833.6		10 15 14	43	50	SS-2	4.50	11	16	20	36	17	21	14	7	8	A-4a (4)	
MEDIUM DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	831.1		5 8 5	19	56	SS-3	-	-	-	-	-	-	-	-	-	8	A-2-4 (V)	
HARD, GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP	828.6		2 3 4	10	78	SS-4	4.25	20	15	16	31	18	22	15	7	10	A-4a (3)	
VERY DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	826.1	W 826.6	9 38 10	71	61	SS-5	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	823.6		4 7 9	24	78	SS-6	4.25	13	13	19	35	20	22	14	8	10	A-4a (4)	
			5 6 8	21	89	SS-7	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			5 6 8	21	100	SS-8	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			4 9 9	27	94	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	811.6	EOB	7 10 12	33	83	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 10.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/5/26 END: 5/5/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 41+70, 3' RT.
ALIGNMENT: WALL A1A
ELEVATION: 846.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932300, -82.811900

EXPLORATION ID B-135-1-26
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
STIFF, BLACK, **PEAT**, CONTAINS WOOD FRAGMENTS, MOIST @1.0'-1.8'; LOI = 6.2% (P)	846.8		5 6 9	21	100	SS-1A	1.75	-	-	-	-	-	-	-	-	28	Peat (V)	
VERY STIFF, DARK BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SILT, TRACE SAND, TRACE GRAVEL, SLIGHTLY ORGANIC, IRON STAINING, MOIST TO DAMP @1.8'-2.5'; LOI = 3.9%	845.1					SS-1B	2.50	5	4	5	32	54	71	27	44	30	A-7-6 (20)	
	841.3		4 4 7	15	100	SS-2	2.50	-	-	-	-	-	-	-	-	24	A-7-6 (V)	
HARD, BROWN, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	836.3		3 7 9	22	100	SS-3	4.50	10	11	15	40	24	27	19	8	14	A-4a (6)	
			4 8 11	26	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			4 5 8	18	100	SS-5	4.25	10	12	16	37	25	24	15	9	12	A-4a (5)	
			5 8 8	22	100	SS-6	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			5 6 8	19	100	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			6 7 9	22	39	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 7 6	18	100	SS-9	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
	821.8	EOB	5 5 9	19	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P.1990	P.2024

SUBSET	TOTAL
172	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-135-0-23 & B-135-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:04:42 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL418.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 42+65, 81' RT. | EXPLORATION ID B-136-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 838.3 (MSL) EOB: 25.0 ft.
START: 6/2/25 END: 6/2/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931959, -82.811967

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
838.3																		
5.0" TOPSOIL (DRILLER'S DESCRIPTION)	837.9																	
VERY DENSE, LIGHT BROWNISH GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	835.3		10 26 14	59	28	SS-1	-	-	-	-	-	-	-	-	-	4	A-1-b (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE TO LITTLE GRAVEL, DAMP			10 11 16	40	61	SS-2	4.50	17	15	16	37	15	20	13	7	7	A-4a (3)	
			5 5 4	13	72	SS-3	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			3 4 5	13	22	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			2 4 5	13	94	SS-5	4.50	10	15	20	38	17	20	13	7	11	A-4a (4)	
@13.5'; SS-6 CONTAINS A 2.4" PIECE OF GRAVEL		W 823.3	4 12 12	36	56	SS-6	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
@16.0'; SS-7 CONTAINS INTERBEDDED SILT SEAMS			5 8 10	27	83	SS-7	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	
			4 7 8	22	89	SS-8	3.75	15	11	15	42	17	21	15	6	12	A-4a (5)	
SS-9 CONTAINS A 2.0" A-3A SEAM			4 7 7	21	83	SS-9	4.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
	813.3	EOB	5 7 8	22	94	SS-10	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 15.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 44+60, 38' RT. | EXPLORATION ID B-137-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 843.3 (MSL) EOB: 25.0 ft.
START: 7/17/25 END: 7/17/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.932036, -82.811262

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
843.3																		
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP TO MOIST			5 10 13	31	100	SS-1	4.50	11	13	18	39	19	22	15	7	9	A-4a (5)	
			3 5 9	19	89	SS-2	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
			3 4 4	11	100	SS-3	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 4 5	12	89	SS-4	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	832.8																	
MEDIUM DENSE, GRAY, **STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	830.3		8 9 11	27	17	SS-5	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	827.8		2 4 5	12	100	SS-6	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
MEDIUM DENSE TO DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, WET		W 827.3	4 6 9	20	100	SS-7	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	
			16 18 13	41	39	SS-8	-	49	18	10	16	7	25	19	6	14	A-1-b (0)	
			8 15 13	37	89	SS-9	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	
	818.3	EOB	8 11 10	28	33	SS-10	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 16.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P.1991	P.2024	173	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-136-0-23 & B-137-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:05:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL419.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 7/17/25 END: 7/17/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 46+57, 12' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 853.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932068, -82.810556

EXPLORATION ID B-138-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND BROWN MOTTLED ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, LITTLE GRAVEL, DAMP TO MOIST	853.0	4 4 9	17	100	SS-1	4.50	12	7	10	31	40	44	20	24	18	A-7-6 (14)	
		2 2 2	5	61	SS-2	2.25	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
HARD, BROWN, **SILTY CLAY**, SOME SAND, LITTLE GRAVEL, DAMP TO MOIST	847.5	5 11 11	29	100	SS-3	4.50	16	10	12	30	32	33	17	16	13	A-6b (8)	
		6 10 11	28	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP TO MOIST	842.5	3 4 5	12	100	SS-5	3.75	-	-	-	-	-	-	-	-	11	A-4a (V)	
		3 3 4	9	100	SS-6	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
		2 3 5	11	100	SS-7	4.00	-	-	-	-	-	-	-	-	12	A-4a (V)	
		2 3 4	9	100	SS-8	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
		2 3 5	11	100	SS-9	3.00	-	-	-	-	-	-	-	-	12	A-4a (V)	
	828.0 EOB	5 5 7	16	100	SS-10	3.25	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/2/25 END: 6/2/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / RW
DRILLING METHOD: 2.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 45B
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 79

STATION / OFFSET: 48+58, 11' RT.
ALIGNMENT: NOISE WALL A2
ELEVATION: 852.4 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.932031, -82.809840

EXPLORATION ID B-139-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, SS-1 THROUGH SS-4 CONTAIN IRON STAINING, DAMP	852.4	5 6 8	18	33	SS-1	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		4 7 7	18	28	SS-2	4.50	12	10	13	33	32	33	18	15	14	A-6a (8)	
		4 8 8	21	72	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
@10.0' BECOMING BROWNISH GRAY		4 8 8	21	56	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		4 7 8	20	72	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 4 6	13	67	SS-6	4.25	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 5 7	16	56	SS-7	4.25	-	-	-	-	-	-	-	-	11	A-6a (V)	
		3 5 6	14	61	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 5 5	13	56	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	827.4 EOB	5 4 8	16	67	SS-10	3.75	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P.1992 TOTAL P.2024	174 TOTAL 206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-138-0-23 & B-139-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:05:57 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL420.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 50+58, 14' RT. | EXPLORATION ID: B-140-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / RW | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 857.4 (MSL) EOB: 25.0 ft.
START: 6/2/25 END: 6/2/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931983, -82.809130

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, DAMP	857.4		3 4 6	13	50	SS-1	4.50	5	7	12	35	41	43	22	21	19	A-7-6 (13)	
	851.9		6 11 13	32	44	SS-2	4.50	-	-	-	-	-	-	-	-	17	A-7-6 (V)	
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP @6.0'; SS-3 CONTAINS NO RECOVERY			16 50/2"	-	0	SS-3	-	-	-	-	-	-	-	-	-	-		
			6 28 50/3"	-	60	SS-4	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			4 7 6	17	67	SS-5	4.50	20	15	16	30	19	23	14	9	11	A-4a (3)	
			3 5 6	14	39	SS-6	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 5 5	13	67	SS-7	3.25	-	-	-	-	-	-	-	-	11	A-4a (V)	
		W 837.4	3 5 10	20	72	SS-8	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 5 6	14	50	SS-9	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	
	832.4	EOB	3 4 7	14	56	SS-10	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 52+58, 13' RT. | EXPLORATION ID: B-141-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 859.6 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931947, -82.808419

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLER'S DESCRIPTION)	859.1																	
HARD, BROWN, **SILTY CLAY**, SOME SAND, LITTLE GRAVEL, MOIST TO DAMP			3 5 5	13	56	SS-1	4.50	-	-	-	-	-	-	-	-	23	A-6b (V)	
	854.1		3 7 10	22	56	SS-2	4.50	20	10	12	28	30	36	18	18	15	A-6b (8)	
STIFF TO HARD, GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP TO MOIST			5 9 1	13	67	SS-3	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			4 7 1	11	44	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			5 7 14	28	67	SS-5	4.50	11	13	15	35	26	28	18	10	11	A-4a (5)	
			7 6 7	17	72	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 5 7	16	33	SS-7	3.75	-	-	-	-	-	-	-	-	12	A-4a (V)	
		W 839.6	2 4 5	12	39	SS-8	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
@21.0'; SS-9 BECOMES WET			2 6 5	14	44	SS-9	1.50	-	-	-	-	-	-	-	-	17	A-4a (V)	
	834.6	EOB	3 6 7	17	44	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.1993 TOTAL P.2024	175 TOTAL 206	96808	CH 08/21/26	RS	NEAS Ohio Kentucky Indiana Regional Service Center

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 714-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-140-0-23 & B-141-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:06:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL421.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 54+52, 10' RT. | EXPLORATION ID: B-142-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A2 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 859.7 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931899, -82.807734

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	859.2																	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, MOIST	856.7		1 2 4	8	56	SS-1	3.00	1	5	10	35	49	52	23	29	25	A-7-6 (18)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	854.2		2 5 7	16	67	SS-2	4.50	5	9	14	35	37	33	19	14	15	A-6a (9)	
VERY STIFF TO HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP			2 5 6	14	50	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 6 9	20	61	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			3 6 50/2"	-	50	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
@13.5'; SS-6 CONTAINS NO INTACT SOIL FOR HP READINGS			6 9 7	21	17	SS-6	-	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 4 6	13	61	SS-7	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
			2 4 3	9	61	SS-8	4.00	14	19	27	26	14	21	17	4	14	A-4a (1)	
			3 4 5	12	33	SS-9	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
	834.7	EOB	5 4 3	9	39	SS-10	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 10+28, 26' LT. | EXPLORATION ID: B-143-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 859.0 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931802, -82.807104

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	858.5																	
VERY STIFF, BROWN, **CLAY**, "AND" SILT, SOME SAND, TRACE GRAVEL, DAMP	856.0		3 3 7	13	56	SS-1	3.50	2	8	15	37	38	44	24	20	22	A-7-6 (13)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	851.0		7 8 10	24	61	SS-2	4.50	11	12	15	33	29	29	18	11	13	A-6a (6)	
			6 6 9	20	72	SS-3	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP			7 10 11	28	67	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			6 9 11	26	56	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
			5 7 11	24	67	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			5 6 9	20	61	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			3 5 7	16	56	SS-8	4.50	11	10	13	39	27	25	16	9	14	A-4a (6)	
			3 6 5	14	50	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	834.0	EOB	4 7 8	20	50	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 19.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	CH	DESIGNER	REVIEWER
P.1994 TOTAL P.2024	176 TOTAL 206	96808	08/21/26	RS	

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
(614) 714-0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A2
BORING LOGS B-142-0-23 & B-143-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:07:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL422.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 12+24, 3' RT. | EXPLORATION ID: B-144-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 858.8 (MSL) EOB: 25.0 ft.
START: 5/29/25 END: 5/29/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931683, -82.806416

MATERIAL DESCRIPTION AND NOTES	ELEV. 858.8	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	858.4																	
HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP TO MOIST		1	5 4 4	12	67	SS-1	4.50	9	11	13	34	33	33	16	17	14	A-6b (9)	
SS-2 CONTAINS NO RECOVERY		2–4	6 5 7	18	0	SS-2	-	-	-	-	-	-	-	-	-	-		
	850.8	5–7	6 7 8	22	33	SS-3	4.50	-	-	-	-	-	-	-	-	17	A-6b (V)	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, TRACE SAND, TRACE GRAVEL, IRON STAINING, DAMP		8–9	3 2 4	9	67	SS-4	4.00	1	1	4	37	57	67	29	38	27	A-7-6 (20)	
	848.3	10																
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **SILTY CLAY**, LITTLE TO SOME GRAVEL, LITTLE SAND, IRON STAINING, DAMP		11–12	3 4 7	16	78	SS-5	4.50	21	6	12	29	32	38	20	18	14	A-6b (8)	
		13–14	3 5 6	16	94	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
		15–17	4 6 7	19	94	SS-7	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
SS-8 CONTAINS NO RECOVERY		18–19	50/2"	-	0	SS-8	-	-	-	-	-	-	-	-	-	-		
		20–22	6 8 9	25	56	SS-9	4.00	-	-	-	-	-	-	-	-	17	A-6b (V)	
	833.8	23–24	7 7 13	30	67	SS-10	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
		EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 14+25, 5' RT. | EXPLORATION ID: B-145-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 860.9 (MSL) EOB: 25.0 ft.
START: 5/29/25 END: 5/29/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931638, -82.805700

MATERIAL DESCRIPTION AND NOTES	ELEV. 860.9	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	860.5																	
HARD, BROWN, **SILTY CLAY**, LITTLE TO SOME SAND, TRACE GRAVEL, DAMP		1–2	4 6 6	18	56	SS-1	4.25	8	9	13	38	32	35	19	16	16	A-6b (9)	
		3–5	4 6 7	19	78	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
		6–7	4 4 7	16	61	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
		8–10	4 7 10	25	83	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-6b (V)	
	850.4																	
HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP		11–12	3 20 13	49	44	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		13–15	3 27 14	61	67	SS-6	4.50	10	11	15	34	30	32	18	14	14	A-6a (7)	
		16–17	8 7 8	22	83	SS-7	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		18–20	10 11 13	36	50	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		21–22	5 6 5	16	72	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	835.9	23–24	3 5 5	15	83	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P.1995	P.2024

SUBSET	TOTAL
177	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A3
BORING LOGS B-144-0-23 & B-145-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:07:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL423.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 16+24, 5' RT. | EXPLORATION ID: B-146-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 862.7 (MSL) EOB: 25.0 ft.
START: 5/29/25 END: 5/29/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931598, -82.804993

MATERIAL DESCRIPTION AND NOTES	ELEV. 862.7	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	862.3																	
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP			4 5 6	16	72	SS-1	4.50	19	10	13	31	27	34	20	14	16	A-6a (6)	
			4 4 5	13	61	SS-2	4.50	11	9	13	35	32	32	19	13	16	A-6a (8)	
			4 5 7	18	78	SS-3	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
	852.2		4 4 5	13	78	SS-4	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
HARD, DARK GRAY, **SILT AND CLAY**, LITTLE SAND, TRACE GRAVEL, SLIGHTLY ORGANIC, MOIST			4 4 4	12	83	SS-5	4.50	-	-	-	-	-	-	-	-	21	A-6a (V)	
	849.7																	
VERY STIFF, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, TRACE SAND, TRACE GRAVEL, IRON STAINING, MOIST			3 5 5	15	72	SS-6	3.50	0	2	8	42	48	56	26	30	27	A-7-6 (19)	
			3 4 5	13	94	SS-7	4.00	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
	842.2		3 4 3	10	83	SS-8	4.00	-	-	-	-	-	-	-	-	21	A-7-6 (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			5 6 8	21	78	SS-9	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	837.7	EOB	4 6 9	22	56	SS-10	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 18+25, 6' RT. | EXPLORATION ID: B-147-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 863.3 (MSL) EOB: 25.0 ft.
START: 5/29/25 END: 5/29/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931554, -82.804278

MATERIAL DESCRIPTION AND NOTES	ELEV. 863.3	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
12.0" TOPSOIL (DRILLERS DESCRIPTION)	862.3																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			4 6 8	21	78	SS-1	4.50	10	13	15	34	28	30	17	13	12	A-6a (7)	
	857.8		4 5 5	15	61	SS-2	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
HARD, BROWN WITH TRACE GRAY MOTTLES, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, DAMP			3 6 6	18	67	SS-3	4.25	6	4	9	34	47	49	22	27	20	A-7-6 (17)	
	852.8		4 3 4	10	72	SS-4	4.25	-	-	-	-	-	-	-	-	16	A-7-6 (V)	
VERY STIFF TO HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			3 4 6	15	89	SS-5	3.25	-	-	-	-	-	-	-	-	18	A-6a (V)	
			4 6 8	21	89	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
			4 9 6	22	67	SS-7	4.50	9	10	12	37	32	31	19	12	14	A-6a (8)	
	842.8		9 8 12	30	61	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, GLACIAL TILL, DAMP			4 5 6	16	78	SS-9	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
	838.3	EOB	4 5 7	18	50	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P.1996	P.2024	178	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A3
BORING LOGS B-146-0-23 & B-147-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:08:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL424.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 20+24, 7' RT. | EXPLORATION ID B-148-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / TA | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A3 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 863.4 (MSL) EOB: 25.0 ft.
START: 5/29/25 END: 5/29/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931512, -82.803571

MATERIAL DESCRIPTION AND NOTES	ELEV. 863.4	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
12.0" TOPSOIL (DRILLERS DESCRIPTION)	862.4																	
VERY STIFF, BROWN AND BROWNISH GRAY, **SILTY CLAY**, SOME GRAVEL, SOME SAND, DAMP	860.4		3 4 4	12	50	SS-1	3.00	26	13	12	26	23	36	20	16	15	A-6b (5)	
HARD, BROWN, **CLAY**, "AND" SILT, LITTLE SAND, LITTLE GRAVEL, DAMP	857.9		4 3 4	10	61	SS-2	4.50	11	5	9	37	38	44	21	23	21	A-7-6 (14)	
HARD, BROWN BECOMING GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	842.9		5 7 7	21	67	SS-3	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
			7 8 9	25	67	SS-4	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
			6 7 8	22	83	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
			4 6 8	21	89	SS-6	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
			7 10 8	27	72	SS-7	4.50	9	12	16	33	30	29	18	11	14	A-6a (6)	
			3 4 5	13	89	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, DAMP	838.4	EOB	4 6 7	19	83	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			5 6 6	18	94	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 11+73, 6' RT. | EXPLORATION ID B-149-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / RW | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A4 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 863.9 (MSL) EOB: 25.0 ft.
START: 6/4/25 END: 6/4/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931562, -82.802932

MATERIAL DESCRIPTION AND NOTES	ELEV. 863.9	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
4.0" TOPSOIL (DRILLERS DESCRIPTION)	863.6																	
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	860.9		2 2 4	8	56	SS-1	4.00	3	5	11	32	49	52	23	29	23	A-7-6 (18)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			3 6 8	18	61	SS-2	4.50	8	14	16	34	28	29	17	12	13	A-6a (6)	
			3 7 8	20	72	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
@8.5'; SS-4 CONTAINED A 1.5" STONE FRAGMENT LODGED IN SPOON. NO INTACT SOIL FOR HP READINGS	853.4		4 8 8	21	11	SS-4	-	-	-	-	-	-	-	-	-	13	A-6a (V)	
VERY STIFF TO HARD, BROWNISH GRAY BECOMING GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP			4 6 8	18	72	SS-5	4.50	14	12	14	33	27	29	17	12	14	A-6a (6)	
			4 6 8	18	72	SS-6	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
			4 5 6	14	67	SS-7	4.00	-	-	-	-	-	-	-	-	14	A-6a (V)	
			5 5 6	14	56	SS-8	4.00	-	-	-	-	-	-	-	-	13	A-6a (V)	
			4 4 6	13	56	SS-9	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	
	838.9	EOB	4 5 7	16	50	SS-10	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 18.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVISED	DESIGNER	DESIGN AGENCY
P.1997 TOTAL P.2024	179 TOTAL 206	96808	CH 08/21/26	RS	NEAS Ohio Engineering & Geotechnical Services

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 714-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS A3 & A4
BORING LOGS B-148-0-23 & B-149-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:09:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL425.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 45B | STATION / OFFSET: 13+73, 3' LT. | EXPLORATION ID B-150-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / RW | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A4 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 2.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 864.8 (MSL) EOB: 25.0 ft.
START: 6/2/25 END: 6/2/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 79 | LAT / LONG: 39.931550, -82.802218

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	864.8																	
HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, CONTAINS IRON STAINING, DAMP	864.3	1	5 8 9	22	61	SS-1	4.50	8	12	14	34	32	36	20	16	15	A-6b (9)	
		2																
		3																
		4	5 9 11	26	61	SS-2	4.50	-	-	-	-	-	-	-	-	16	A-6b (V)	
		5																
		6	6 6 7	17	67	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
		7																
		8																
		9	5 7 7	18	72	SS-4	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
	854.3	10																
VERY STIFF, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP TO MOIST		11																
		12	6 7 9	21	72	SS-5	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	
		13																
		14	4 3 5	11	67	SS-6	2.50	15	12	14	35	24	26	16	10	17	A-4a (5)	
		15																
		16																
		17	5 5 5	13	56	SS-7	3.25	-	-	-	-	-	-	-	-	15	A-4a (V)	
		18																
		19	4 4 6	13	61	SS-8	3.25	-	-	-	-	-	-	-	-	15	A-4a (V)	
		20																
		21																
		22	4 5 7	16	50	SS-9	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
		23																
	839.8	24	2 3 5	11	39	SS-10	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
		EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 15+74, 10' LT. | EXPLORATION ID B-151-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A4 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 865.8 (MSL) EOB: 25.0 ft.
START: 7/16/25 END: 7/16/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931564, -82.801503

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, DAMP	865.8																	
	862.8	1	3 5 8	17	100	SS-1	4.25	5	7	12	31	45	45	21	24	20	A-7-6 (15)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP		2																
		3	3 7 10	23	100	SS-2	4.50	16	10	13	31	30	32	19	13	12	A-6a (6)	
		4																
		5																
		6	4 6 9	20	100	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		7																
		8																
		9	3 6 8	19	100	SS-4	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	855.3	10																
VERY STIFF TO HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP		11																
		12	3 7 11	24	100	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
		13																
		14	2 3 4	9	100	SS-6	4.00	11	9	15	45	20	24	17	7	16	A-4a (6)	
		15																
		16																
		17	2 3 5	11	100	SS-7	3.75	-	-	-	-	-	-	-	-	17	A-4a (V)	
		18																
		19	8 8 16	32	28	SS-8	3.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
		20																
		21																
		22	6 11 14	33	39	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		23																
	840.8	24	4 7 9	21	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P.1998 TOTAL P.2024	180 TOTAL 206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE 614.794.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A4
BORING LOGS B-150-0-23 & B-151-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:09:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL426.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 7/16/25 END: 7/16/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 17+74, 3' LT.
ALIGNMENT: NOISE WALL A4
ELEVATION: 862.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931568, -82.800792

EXPLORATION ID B-152-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	862.2	4 4 9	17	100	SS-1	4.50	10	11	17	36	26	30	18	12	14	A-6a (6)	
		4 6 7	17	89	SS-2	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
		3 7 12	25	100	SS-3	4.50	9	11	16	33	31	31	18	13	15	A-6a (7)	
		3 6 12	24	100	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
MEDIUM DENSE, BROWN, **SANDY SILT**, LITTLE GRAVEL, TRACE CLAY, MOIST	851.7	5 9 8	23	100	SS-5	-	-	-	-	-	-	-	-	-	15	A-4a (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	849.2	2 3 6	12	56	SS-6	3.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
		3 3 5	11	100	SS-7	3.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
		2 3 5	11	100	SS-8	2.75	-	-	-	-	-	-	-	-	15	A-6a (V)	
		3 3 7	13	100	SS-9	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	837.2 EOB	4 6 6	16	100	SS-10	3.75	-	-	-	-	-	-	-	-	14	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 7/16/25 END: 7/16/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 12+68, 10' LT.
ALIGNMENT: NOISE WALL A5
ELEVATION: 854.3 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931560, -82.800085

EXPLORATION ID B-153-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN AND ORANGISH BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP	854.3	4 5 7	16	100	SS-1	4.25	5	14	21	28	32	37	20	17	18	A-6b (8)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	851.3	3 6 7	17	100	SS-2	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
		2 5 8	17	100	SS-3	4.50	12	12	15	31	30	29	18	11	14	A-6a (6)	
		4 8 13	28	100	SS-4	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
STIFF TO VERY STIFF, BROWN, **SILT AND CLAY**, "AND" SAND, TRACE GRAVEL, IRON STAINING, MOIST	843.8	2 2 2	5	100	SS-5	2.00	-	-	-	-	-	-	-	-	24	A-6a (V)	
LOOSE TO MEDIUM DENSE, BROWN, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, WET	841.3	2 2 3	7	100	SS-6	-	21	16	23	29	11	NP	NP	NP	19	A-4a (1)	
		4 5 8	17	100	SS-7	-	-	-	-	-	-	-	-	-	20	A-4a (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	836.3	2 4 6	13	89	SS-8	2.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP	833.8	10 8 12	27	44	SS-9	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
STIFF TO VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	831.3	4 6 9	20	100	SS-10	2.00	-	-	-	-	-	-	-	-	15	A-6a (V)	
	829.3 EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P.1999 TOTAL P.2024
SUBSET 181 TOTAL 206
PROJECT ID 96808
REVISED CH 08/21/26
DESIGNER RS

DESIGN AGENCY NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS A4 & A5
BORING LOGS B-152-0-23 & B-153-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:10:19 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL427.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 14+82, 6' RT. | EXPLORATION ID: B-154-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JL | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A5 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 847.3 (MSL) EOB: 25.0 ft.
START: 5/23/25 END: 5/23/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931594, -82.799320

MATERIAL DESCRIPTION AND NOTES	ELEV. 847.3	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL	846.9																	
HARD, BROWN, **SILTY CLAY**, LITTLE SAND, LITTLE GRAVEL, DAMP	844.3		3 3 4	10	50	SS-1	4.50	12	6	9	35	38	40	20	20	18	A-6b (12)	
HARD, BROWN AND BROWNISH GRAY, **SILT AND CLAY**, LITTLE SAND, TRACE GRAVEL, DAMP	841.8		3 4 5	13	56	SS-2	4.50	4	5	10	47	34	34	21	13	20	A-6a (9)	
HARD, BROWN, **SILTY CLAY**, LITTLE SAND, LITTLE GRAVEL, DAMP TO MOIST			3 3 5	12	67	SS-3	4.50	-	-	-	-	-	-	-	-	22	A-6b (V)	
			3 4 6	15	67	SS-4	4.25	-	-	-	-	-	-	-	-	20	A-6b (V)	
			3 4 5	13	78	SS-5	4.50	-	-	-	-	-	-	-	-	22	A-6b (V)	
	831.8		5 7 11	27	94	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
VERY STIFF TO HARD, BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP			4 8 10	27	78	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
			9 10 5	22	83	SS-8	4.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
			3 4 4	12	89	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
	822.3	EOB	4 5 6	16	89	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / RW | DRILL RIG: CME 55TB | STATION / OFFSET: 16+79, 7' RT. | EXPLORATION ID: B-155-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / NS | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A5 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 843.9 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.931691, -82.798630

MATERIAL DESCRIPTION AND NOTES	ELEV. 843.9	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL	843.4																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP TO MOIST			3 5 9	21	50	SS-1	4.50	9	14	18	34	25	31	19	12	16	A-6a (6)	
			2 6 9	22	56	SS-2	4.50	-	-	-	-	-	-	-	-	20	A-6a (V)	
			2 6 1	10	67	SS-3	4.50	15	11	14	31	29	31	18	13	13	A-6a (6)	
			2 6 1	10	11	SS-4	4.25	-	-	-	-	-	-	-	-	14	A-6a (V)	
	833.4		6 10 12	33	28	SS-5	-	46	18	14	16	6	NP	NP	NP	6	A-1-b (0)	
MEDIUM DENSE TO DENSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP			0 6 9	22	33	SS-6	-	-	-	-	-	-	-	-	-	6	A-1-b (V)	
			3 7 7	21	39	SS-7	-	-	-	-	-	-	-	-	-	7	A-1-b (V)	
			2 6 10	24	17	SS-8	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	
			10 21 10	46	22	SS-9	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	
	818.9	EOB	8 14 9	34	28	SS-10	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 2000	P 2024	182	206	96808	CH 08/21/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 714-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A5
BORING LOGS B-154-0-23 & B-155-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:10:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL428.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/23/25 END: 5/23/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / JL
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 18+77, 7' RT.
ALIGNMENT: NOISE WALL A5
ELEVATION: 839.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931820, -82.797941

EXPLORATION ID: B-156-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" TOPSOIL (DRILLERS DESCRIPTION)	839.2 / 838.8																
VERY STIFF TO HARD, BROWN AND GRAYISH BROWN, **SILT AND CLAY**, SOME SAND, LITTLE TO SOME GRAVEL, DAMP TO MOIST		3 4 6	15	67	SS-1	3.00	25	15	13	24	23	34	19	15	15	A-6a (4)	
		4 3 7	15	72	SS-2	4.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
@6.0'; SS-3 BECOMES DARK BROWN, SLIGHTLY TO MODERATELY ORGANIC		3 4 6	15	39	SS-3	2.50	-	-	-	-	-	-	-	-	22	A-6a (V)	
		3 5 5	15	78	SS-4	4.25	-	-	-	-	-	-	-	-	20	A-6a (V)	
	828.7																
VERY STIFF TO HARD, BROWN AND ORANGISH BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, TRACE IRON STAINING, DAMP TO MOIST		4 2 6	12	67	SS-5	2.50	-	-	-	-	-	-	-	-	24	A-6b (V)	
@13.5'; SS-6 IS SLIGHTLY ORGANIC		5 5 10	22	61	SS-6	3.50	5	6	16	39	34	38	20	18	20	A-6b (11)	
		2 4 5	13	72	SS-7	4.50	8	11	18	32	31	39	20	19	19	A-6b (9)	
		5 5 10	22	61	SS-8	3.50	-	-	-	-	-	-	-	-	27	A-6b (V)	
	818.7																
HARD, BROWN AND LIGHT BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP		5 5 6	16	56	SS-9	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
	816.2																
MEDIUM DENSE, DARK GRAY, **COARSE AND FINE SAND**, LITTLE SILT, TRACE GRAVEL, TRACE CLAY, MOIST		5 3 6	13	33	SS-10	-	-	-	-	-	-	-	-	-	10	A-3a (V)	
	814.2 EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / NS
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 20+75, 8' RT.
ALIGNMENT: NOISE WALL A5
ELEVATION: 836.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931973, -82.797265

EXPLORATION ID: B-157-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	836.0 / 835.5																
HARD, BROWN, **SILTY CLAY**, SOME SAND, SOME GRAVEL, DAMP TO MOIST		5 7 7	21	44	SS-1	4.50	21	17	13	26	23	35	18	17	12	A-6b (5)	
		2 3 7	15	39	SS-2	4.50	-	-	-	-	-	-	-	-	20	A-6b (V)	
	830.5																
HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP TO MOIST		7 12 15	40	56	SS-3	4.25	-	-	-	-	-	-	-	-	17	A-6a (V)	
		2 5 7	18	44	SS-4	4.25	-	-	-	-	-	-	-	-	16	A-6a (V)	
		1 5 9	21	56	SS-5	4.50	-	-	-	-	-	-	-	-	19	A-6a (V)	
		5 7 8	22	44	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		2 5 9	21	61	SS-7	4.50	15	13	16	31	25	28	17	11	13	A-6a (5)	
		5 9 11	30	50	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
	815.5																
MEDIUM DENSE TO VERY DENSE, LIGHT BROWN, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, WET		25 29 8	55	17	SS-9	-	-	-	-	-	-	-	-	-	12	A-1-a (V)	
	W 813.0																
	811.0 EOB	8 10 1	16	11	SS-10	-	-	-	-	-	-	-	-	-	13	A-1-a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 23.0' DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 2001	P 2024	183	206	96808	CH 08/21/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 TELEPHONE: 614.714.0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL A5
BORING LOGS B-156-0-23 & B-157-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:11:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL429.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 22+74, 24' RT. | EXPLORATION ID: B-158-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JL | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL A5 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 836.3 (MSL) EOB: 25.0 ft.
START: 5/23/25 END: 5/23/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.932098, -82.796571

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" ASPHALT AND 7.0" BASE (DRILLERS DESCRIPTION)	836.3 835.2																	
VERY STIFF, BROWN AND BROWNISH GRAY, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, MOIST	828.3	1–7	4 3 4	10	67	SS-1	3.75	2	4	9	48	37	37	19	18	20	A-6b (11)	
			3 4 8	18	72	SS-2	4.00	-	-	-	-	-	-	-	-	20	A-6b (V)	
			4 5 8	19	33	SS-3	4.00	-	-	-	-	-	-	-	-	20	A-6b (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, SOME GRAVEL, DAMP	825.8	8–10	5 5 3	12	56	SS-4	4.50	24	21	13	23	19	35	20	15	15	A-6a (3)	
HARD, DARK GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, SLIGHTLY ORGANIC, DAMP	823.3	11–13	4 7 8	22	78	SS-5	4.50	16	3	18	41	22	37	23	14	18	A-6a (7)	
STIFF, BROWN AND LIGHT BROWN, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, IRON STAINING, CONTAINS NO INTACT SOIL FOR HP, DAMP	820.8	14–15	3 4 4	12	72	SS-6	-	0	1	43	38	18	25	17	8	17	A-4a (4)	
MEDIUM DENSE, BROWN AND ORANGISH BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, MOIST	818.3	16–17	3 4 8	18	50	SS-7	-	-	-	-	-	-	-	-	-	16	A-2-4 (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP	811.3	19–22	5 8 11	28	67	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			6 7 9	24	83	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
	EOB	24	5 7 6	19	72	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 10+63, 1' LT. | EXPLORATION ID: B-159-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 849.7 (MSL) EOB: 25.0 ft.
START: 6/24/25 END: 6/24/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931260, -82.810529

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP	849.7 841.7	1–7	5 5 7	16	100	SS-1	4.50	9	10	12	32	37	35	19	16	14	A-6b (9)	
			3 5 8	17	100	SS-2	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
			3 6 9	20	100	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6b (V)	
VERY STIFF TO HARD, YELLOWISH BROWN AND BROWN BECOMING GRAY, **SANDY SILT**, SOME GRAVEL AND STONE FRAGMENTS, LITTLE CLAY, DAMP	834.2	8–11	6 7 11	24	72	SS-4	4.50	34	15	14	22	15	27	17	10	11	A-4a (0)	
	W 838.7	11–15	6 8 5	17	100	SS-5	4.00	-	-	-	-	-	-	-	-	8	A-4a (V)	
			7 5 5	13	100	SS-6	4.00	-	-	-	-	-	-	-	-	11	A-4a (V)	
MEDIUM DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, LITTLE CLAY, GLACIAL TILL, DAMP	829.2	16–20	5 8 10	24	39	SS-7	-	32	15	18	23	12	20	15	5	10	A-2-4 (0)	
			9 8 6	19	100	SS-8	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
MEDIUM DENSE, DARK GRAY, **COARSE AND FINE SAND**, LITTLE SILT, TRACE GRAVEL, TRACE CLAY, GLACIAL TILL, WET TO MOIST	824.7	21–24	7 8 10	24	100	SS-9	-	-	-	-	-	-	-	-	-	21	A-3a (V)	
	EOB	24	9 9 12	28	100	SS-10	-	-	-	-	-	-	-	-	-	14	A-3a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 11.0' DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 15.0' WEST.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH
PROJECT ID: 96808
SUBSET: 184 TOTAL: 206
SHEET: P 2002 TOTAL: P 2024
08/21/26

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS A5 & B1
BORING LOGS B-158-0-23 & B-159-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:12:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL430.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 12+74, LT. | EXPLORATION ID: B-160-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 865.5 (MSL) EOB: 25.0 ft.
START: 6/24/25 END: 6/24/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931434, -82.796578

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, TRACE ROOTS, DAMP TO MOIST	865.5		4 5 7	16	78	SS-1	3.00	6	6	10	34	44	51	25	26	24	A-7-6 (17)	
VERY STIFF TO HARD, BROWN BECOMING GRAY, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP	860.0		4 4 3	9	28	SS-2	2.75	-	-	-	-	-	-	-	-	30	A-7-6 (V)	
			3 4 6	13	67	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
			4 3 5	11	61	SS-4	3.50	6	10	17	31	36	37	20	17	19	A-6b (9)	
			4 3 4	9	56	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-6b (V)	
	850.0		2 3 4	9	83	SS-6	2.75	-	-	-	-	-	-	-	-	11	A-6b (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, GLACIAL TILL, DAMP			3 3 3	8	100	SS-7	3.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
			2 3 4	9	100	SS-8	3.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
			3 3 5	11	100	SS-9	3.25	-	-	-	-	-	-	-	-	12	A-6a (V)	
	840.5	EOB	2 3 4	9	100	SS-10	2.75	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 14+77, 4' RT. | EXPLORATION ID: B-161-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 853.5 (MSL) EOB: 25.0 ft.
START: 6/24/25 END: 6/24/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931188, -82.809057

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, LITTLE GRAVEL, CONTAINS IRON STAINING, DAMP	853.5		3 6 6	16	100	SS-1	4.00	15	5	10	29	41	48	23	25	20	A-7-6 (14)	
VERY STIFF, BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, SLIGHTLY ORGANIC, MOIST	850.5		3 5 6	15	33	SS-2	3.00	10	6	10	34	40	53	25	28	27	A-7-6 (18)	
VERY STIFF TO HARD, BROWN BECOMING GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	848.0		4 5 6	15	100	SS-3	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
@8.0' BECOMING BROWNISH GRAY			4 8 8	21	100	SS-4	4.50	13	11	16	35	25	28	17	11	11	A-6a (5)	
			3 4 7	15	100	SS-5	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
@13.0' BECOMING GRAY			3 3 5	11	83	SS-6	3.75	-	-	-	-	-	-	-	-	12	A-6a (V)	
			2 3 5	11	100	SS-7	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
			2 2 4	8	100	SS-8	3.00	-	-	-	-	-	-	-	-	13	A-6a (V)	
			3 5 5	13	89	SS-9	3.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
	828.5	EOB	3 4 7	15	100	SS-10	3.25	-	-	-	-	-	-	-	-	14	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
(614) 714-0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 185 TOTAL: 206
SHEET: P.2003 TOTAL: P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1
BORING LOGS B-160-0-23 & B-161-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:12:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL431.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 16+74, 8' LT. | EXPLORATION ID: B-162-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 855.3 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931192, -82.808351

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST TO DAMP	855.3	4 4 5	12	67	SS-1	3.00	1	4	8	37	50	54	24	30	26	A-7-6 (19)	
		3 5 7	16	39	SS-2	4.00	-	-	-	-	-	-	-	-	21	A-7-6 (V)	
		3 4 5	12	50	SS-3	4.50	-	-	-	-	-	-	-	-	20	A-7-6 (V)	
	847.3																
HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, SS-4 CONTAINS IRON STAINING, DAMP		5 6 7	17	100	SS-4	4.50	14	17	18	32	19	24	17	7	13	A-4a (3)	
		4 4 5	12	56	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
	W 841.8																
@14.0' BECOMING BROWNISH GRAY		4 6 7	17	78	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
	839.8																
DENSE, BROWN AND BROWNISH DARK BROWNISH GRAY, **STONE FRAGMENTS WITH SAND AND SILT**, LITTLE CLAY, DAMP		7 12 11	31	50	SS-7	-	42	17	10	19	12	26	18	8	9	A-2-4 (0)	
	837.3																
VERY STIFF TO HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL AND STONE FRAGMENTS, DAMP		3 4 5	12	56	SS-8	3.75	-	-	-	-	-	-	-	-	13	A-4a (V)	
		2 4 5	12	72	SS-9	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
		2 3 5	11	78	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	830.3 EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 13.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 18+75, 5' LT. | EXPLORATION ID: B-163-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 857.6 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.931141, -82.807636

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND BROWN MOTTLED ORANGISH BROWN AND GRAY, **CLAY**, SOME SILT, TRACE SAND, TRACE GRAVEL, SS-1 CONTAINS IRON STAINING, SS-3 CONTAINS HEAVY IRON STAINING, DAMP	857.6	3 3 5	11	67	SS-1	4.50	4	2	4	31	59	52	24	28	20	A-7-6 (18)	
		4 20 18	51	50	SS-2	3.25	-	-	-	-	-	-	-	-	17	A-7-6 (V)	
		4 9 9	24	72	SS-3	4.50	-	-	-	-	-	-	-	-	16	A-7-6 (V)	
	849.6																
HARD, BROWN MOTTLED WITH GRAY BECOMING GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP		4 7 9	21	78	SS-4	4.50	11	12	14	33	30	30	19	11	14	A-6a (6)	
		4 6 9	20	72	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		4 7 13	27	50	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
@15.5' BECOMING GRAY		5 7 10	23	39	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 4 6	13	89	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 6 8	19	100	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	832.6 EOB	4 5 6	15	61	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 186 TOTAL: 206
SHEET: P.2004 TOTAL: P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1
BORING LOGS B-162-0-23 & B-163-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:13:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL432.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 20+72, LT.
ALIGNMENT: NOISE WALL B1
ELEVATION: 855.7 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931081, -82.806941

EXPLORATION ID: B-164-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST	855.7	4 5 8	17	78	SS-1	4.50	3	4	10	38	45	54	22	32	24	A-7-6 (19)	
VERY STIFF TO HARD, BROWN MOTTLED ORANGISH BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, CONTAINS IRON STAINING, DAMP TO MOIST	852.7	3 7 9	21	72	SS-2	4.50	8	9	15	37	31	32	19	13	15	A-6a (8)	
		4 9 10	25	11	SS-3	3.50	-	-	-	-	-	-	-	-	24	A-6a (V)	
VERY STIFF TO HARD, BROWN BECOMING GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, DAMP	847.7	4 8 8	21	61	SS-4	4.50	14	11	17	33	25	27	17	10	14	A-4a (5)	
		4 4 6	13	89	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
@13.5'; SS-6 CONTAINS WOOD FRAGMENTS, SLIGHTLY ORGANIC		5 7 9	21	67	SS-6	4.50	-	-	-	-	-	-	-	-	19	A-4a (V)	
@15.5'; BECOMING GRAY		4 5 7	16	78	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		3 5 8	17	56	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		3 7 7	19	89	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	830.7 EOB	3 5 8	17	94	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/25/25 END: 6/25/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 22+70, 2' LT.
ALIGNMENT: NOISE WALL B1
ELEVATION: 853.7 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931035, -82.806237

EXPLORATION ID: B-165-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, DAMP	853.7	4 4 6	13	100	SS-1	4.25	1	4	9	32	54	49	23	26	23	A-7-6 (16)	
HARD, BROWN MOTTLED WITH ORANGISH BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, CONTAINS IRON STAINING, DAMP	850.7	4 6 9	20	89	SS-2	4.50	8	11	16	37	28	29	18	11	15	A-6a (6)	
		3 7 8	20	100	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP	845.7	4 11 10	28	28	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
		3 4 5	12	100	SS-5	4.50	11	12	18	34	25	25	16	9	12	A-4a (5)	
		4 4 6	13	94	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		3 6 6	16	100	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		3 6 8	19	100	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		3 5 9	19	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	828.7 EOB	4 5 7	16	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P.2005 TOTAL P.2024
SUBSET 187 TOTAL 206
PROJECT ID 96808
CH 08/21/26
REVIEWER
DESIGNER RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL B1
BORING LOGS B-164-0-23 & B-165-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:14:03 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL433.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 24+59, 2' LT. | EXPLORATION ID: B-166-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 850.7 (MSL) EOB: 25.0 ft.
START: 6/25/25 END: 6/25/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.930989, -82.805563

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, DAMP	850.7	3 2 3	7	100	SS-1	4.50	6	8	11	29	46	44	21	23	20	A-7-6 (14)	
	845.2	2 3 4	9	100	SS-2	4.00	-	-	-	-	-	-	-	-	21	A-7-6 (V)	
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, TRACE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST TO DAMP		2 3 3	8	100	SS-3	4.00	4	2	7	37	50	59	22	37	25	A-7-6 (20)	
	840.2	3 4 4	11	100	SS-4	4.50	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL AND/OR STONE FRAGMENTS, CONTAINS IRON STAINING, DAMP		3 5 7	16	100	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
		3 7 8	20	100	SS-6	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		3 6 7	17	100	SS-7	4.50	9	11	16	36	28	29	18	11	14	A-6a (6)	
		4 3 7	13	100	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		4 4 4	11	100	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	825.7 EOB	3 3 5	11	100	SS-10	3.75	-	-	-	-	-	-	-	-	13	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 10+49, 4' LT. | EXPLORATION ID: B-167-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 852.2 (MSL) EOB: 25.0 ft.
START: 6/25/25 END: 6/25/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.930948, -82.804861

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST	852.2	3 4 6	13	100	SS-1	4.00	1	5	12	42	40	39	20	19	21	A-6b (12)	
	849.2	3 8 9	23	100	SS-2	4.50	5	13	18	34	30	30	17	13	14	A-6a (7)	
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, CONTAINS IRON STAINING, DAMP		3 5 8	17	100	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		4 7 32	52	100	SS-4	4.50	17	11	15	32	25	31	18	13	13	A-6a (6)	
		5 6 10	21	100	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		3 3 6	12	100	SS-6	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		3 6 7	17	100	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		3 4 4	11	100	SS-8	3.25	-	-	-	-	-	-	-	-	14	A-6a (V)	
		2 2 4	8	100	SS-9	2.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
	827.2 EOB	3 4 7	15	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P 2006	P 2024

SUBSET	TOTAL
188	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS B1, B2 & B3
BORING LOGS B-166-0-23 & B-167-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:14:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL434.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 12+45, 5' LT. | EXPLORATION ID: B-168-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL B3 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 853.4 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.930912, -82.804165

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED ORANGISH BROWN AND GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST	853.4		3 3 4	9	78	SS-1	3.25	4	5	13	29	49	56	22	34	26	A-7-6 (19)	
VERY STIFF, DARK GRAY MOTTLED BROWN AND ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, SLIGHTLY ORGANIC, CONTAINS IRON STAINING, MOIST	847.9		3 3 6	12	50	SS-2	4.25	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
	842.9		3 3 4	9	61	SS-3	2.25	2	2	9	26	61	72	25	47	34	A-7-6 (20)	
			4 4 4	11	33	SS-4	2.50	-	-	-	-	-	-	-	-	31	A-7-6 (V)	
MEDIUM DENSE, BROWNISH GRAY, **SILT**, SOME SAND, TRACE CLAY, TRACE GRAVEL, CONTAINS IRON STAINING, WET		W 842.4	3 4 6	13	50	SS-5	-	1	9	19	63	8	NP	NP	NP	24	A-4b (7)	
	840.4																	
HARD, BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, LITTLE TO SOME GRAVEL, GLACIAL TILL, DAMP			2 2 6	11	78	SS-6	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
			3 4 4	11	44	SS-7	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
			3 4 6	13	83	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			4 4 7	15	89	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	828.4	EOB	4 4 9	17	83	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 11.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 9+91, 12' LT. | EXPLORATION ID: B-169-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL C | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 863.0 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.930948, -82.801994

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN BECOMING BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP TO MOIST	863.0		3 4 4	11	56	SS-1	4.50	3	12	17	37	31	31	18	13	15	A-6a (8)	
			5 6 6	16	22	SS-2	4.50	-	-	-	-	-	-	-	-	20	A-6a (V)	
@5.5' BECOMES BROWN AND GRAY			4 6 8	19	67	SS-3	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
			5 8 8	21	83	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	852.5																	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP			5 5 9	19	50	SS-5	4.50	8	15	18	36	23	23	16	7	11	A-4a (5)	
		W 849.5																
			4 10 18	37	33	SS-6	3.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			5 8 10	24	83	SS-7	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			5 7 7	19	39	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			4 4 9	17	78	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	838.0	EOB	5 8 9	23	72	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 13.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P 2007	P 2024	189	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS B3 & C
BORING LOGS B-168-0-23 & B-169-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:15:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL435.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 11+54, 11' LT.
ALIGNMENT: NOISE WALL C
ELEVATION: 862.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.930940, -82.801417

EXPLORATION ID: B-170-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, CONTAINS IRON STAINING, MOIST TO DAMP	862.2		3 3 4	9	72	SS-1	2.50	1	5	11	36	47	47	24	23	25	A-7-6 (15)	
			3 5 5	13	44	SS-2	4.50	-	-	-	-	-	-	-	-	22	A-7-6 (V)	
HARD, BROWN AND GRAY BECOMING BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP TO MOIST	856.7		5 6 9	20	78	SS-3	4.50	5	10	16	35	34	34	19	15	15	A-6a (9)	
	851.7		4 6 9	20	61	SS-4	4.50	-	-	-	-	-	-	-	-	20	A-6a (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP		W 851.2	5 9 13	29	61	SS-5	4.50	22	17	17	28	16	24	16	8	10	A-4a (2)	
			4 5 9	19	39	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP	846.7		4 5 9	19	50	SS-7	3.75	-	-	-	-	-	-	-	-	15	A-6a (V)	
	844.2																	
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, GLACIAL TILL, DAMP			3 5 5	13	61	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
			3 6 6	16	72	SS-9	4.25	-	-	-	-	-	-	-	-	12	A-4a (V)	
	837.2	EOB	3 4 5	12	67	SS-10	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 11.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 13+56, 10' LT.
ALIGNMENT: NOISE WALL C
ELEVATION: 859.4 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.930954, -82.800698

EXPLORATION ID: B-171-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	859.4		6 5 8	17	89	SS-1	4.50	4	11	16	37	32	29	17	12	14	A-6a (8)	
	853.9		4 4 3	9	39	SS-2	4.25	-	-	-	-	-	-	-	-	14	A-6a (V)	
VERY STIFF, BROWN, **SILT AND CLAY**, "AND" SAND, LITTLE GRAVEL, MOIST			2 1 2	4	83	SS-3	2.25	-	-	-	-	-	-	-	-	27	A-6a (V)	
	848.9		3 5 6	15	72	SS-4	2.25	11	20	19	28	22	34	19	15	21	A-6a (5)	
HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, LITTLE TO SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP TO MOIST			4 3 3	8	67	SS-5	4.50	15	13	19	34	19	24	18	6	15	A-4a (4)	
			3 4 4	11	56	SS-6	4.25	-	-	-	-	-	-	-	-	22	A-4a (V)	
			3 4 5	12	50	SS-7	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
@18.0' BECOMES GRAY			2 3 5	11	78	SS-8	4.25	-	-	-	-	-	-	-	-	17	A-4a (V)	
			2 4 5	12	61	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	834.4	EOB	2 2 4	8	61	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH 08/21/26
PROJECT ID: 96808
SUBSET: 190 TOTAL: 206
SHEET: P 2008 TOTAL: P 2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C
BORING LOGS B-170-0-23 & B-171-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:15:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL436.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 15+57, 9' LT.
ALIGNMENT: NOISE WALL C
ELEVATION: 855.7 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.930991, -82.799982

EXPLORATION ID: B-172-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN BECOMING BROWN MOTTLED WITH GRAY, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP TO MOIST	855.7	1	5 5 6	15	89	SS-1	4.50	5	9	13	36	37	37	20	17	18	A-6b (10)	
		2																
		3																
		4	4 3 6	12	44	SS-2	4.50	-	-	-	-	-	-	-	-	23	A-6b (V)	
		5																
		6	3 5 6	15	78	SS-3	4.25	-	-	-	-	-	-	-	-	18	A-6b (V)	
		7																
		8																
		9	5 6 9	20	94	SS-4	4.50	-	-	-	-	-	-	-	-	17	A-6b (V)	
		10																
		11																
		12	4 6 8	19	61	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
	842.7	13																
HARD, BROWNISH GRAY BECOMING GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP		14																
		15	2 5 7	16	83	SS-6	4.50	20	17	17	27	19	25	17	8	11	A-4a (2)	
		16																
		17	3 5 7	16	78	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		18																
		19	3 4 5	12	50	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	835.2	20																
MEDIUM DENSE, BROWN AND GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP		21																
		22	2 5 5	13	72	SS-9	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)	
	832.7	23																
HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP		24																
	830.7	25	5 5 5	13	22	SS-10	4.50	9	12	17	35	27	29	17	12	12	A-6a (6)	
		EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 17+50, 8' RT.
ALIGNMENT: NOISE WALL C
ELEVATION: 852.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931005, -82.799292

EXPLORATION ID: B-173-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN MOTTLED WITH ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, MOIST	852.2	1	3 4 5	12	89	SS-1	3.00	3	5	10	36	46	56	25	31	27	A-7-6 (19)	
	849.2	2																
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		3																
		4	3 5 6	15	50	SS-2	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		5																
		6																
		7	3 6 7	17	39	SS-3	4.50	7	10	14	37	32	32	19	13	15	A-6a (8)	
		8																
		9	4 3 4	9	44	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		10																
		11																
		12	3 6 6	16	67	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	839.2	13																
VERY STIFF, GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP		14																
		15	3 6 16	29	56	SS-6	2.75	21	18	18	30	13	27	20	7	15	A-4a (2)	
		16																
		17	3 6 6	16	78	SS-7	3.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
	834.2	18																
HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP		W 833.7																
		19	3 5 6	15	72	SS-8	4.50	20	11	14	31	24	26	15	11	11	A-6a (4)	
		20																
		21																
		22	3 5 7	16	83	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		23																
		24																
	827.2	25	7 8 10	24	100	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
		EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P 2009	P 2024

SUBSET	TOTAL
191	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C
BORING LOGS B-172-0-23 & B-173-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:16:31 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL437.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 19+48, 11' RT.
ALIGNMENT: NOISE WALL C
ELEVATION: 852.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931077, 82.798593

EXPLORATION ID: B-174-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND GRAY, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP	852.0	1	3 4 4	11	83	SS-1	4.50	1	9	25	33	32	37	21	16	19	A-6b (8)	
		2																
		3	3 3 5	11	50	SS-2	4.00	-	-	-	-	-	-	-	-	17	A-6b (V)	
		4																
		5																
		6	2 2 4	8	33	SS-3	4.50	-	-	-	-	-	-	-	-	16	A-6b (V)	
		7																
		8																
		9	3 4 6	13	72	SS-4	4.50	-	-	-	-	-	-	-	-	19	A-6b (V)	
	841.5	10																
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP		11	4 6 10	21	67	SS-5	4.50	16	16	17	30	21	26	16	10	10	A-4a (3)	
	839.0	12																
MEDIUM DENSE TO DENSE, BROWNISH GRAY, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, WET TO MOIST		13																
		14	3 6 18	32	50	SS-6	-	-	-	-	-	-	-	-	-	16	A-2-4 (V)	
		15																
		16																
		17	4 12 10	29	56	SS-7	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)	
		18																
		19	5 8 9	23	61	SS-8	-	-	-	-	-	-	-	-	-	8	A-2-4 (V)	
	831.5	20																
LOOSE, BROWN, **COARSE AND FINE SAND**, LITTLE SILT, LITTLE GRAVEL, TRACE CLAY, WET		21																
	829.0	22	3 3 4	9	83	SS-9	-	-	-	-	-	-	-	-	-	24	A-3a (V)	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST		23																
	827.0	24	7 8 9	23	100	SS-10	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	
	EOB	25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:13 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/26/25 END: 6/26/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 21+49, 1' RT.
ALIGNMENT: NOISE WALL C
ELEVATION: 838.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931208, -82.797917

EXPLORATION ID: B-175-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **SILTY CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	838.2	1	3 4 4	11	100	SS-1	4.50	11	13	16	31	29	34	18	16	15	A-6b (7)	
	835.2	2																
VERY STIFF, BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, MOIST		3																
	832.7	4	2 4 5	12	100	SS-2	2.50	2	5	12	35	46	42	21	21	22	A-7-6 (13)	
HARD, DARK BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, SLIGHTLY ORGANIC, MOIST		5																
	830.2	6	2 4 7	15	100	SS-3	4.50	-	-	-	-	-	-	-	-	19	A-4a (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP		7																
	827.7	8	2 4 6	13	100	SS-4	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
MEDIUM DENSE TO DENSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP		9																
		10																
		11	3 5 8	17	89	SS-5	-	37	22	16	16	9	NP	NP	NP	7	A-1-b (0)	
		12																
		13																
		14	8 21 13	45	94	SS-6	-	-	-	-	-	-	-	-	-	8	A-1-b (V)	
		15																
		16																
		17	4 8 8	21	83	SS-7	-	-	-	-	-	-	-	-	-	10	A-1-b (V)	
	820.2	18																
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP		19	3 5 6	15	89	SS-8	-	-	-	-	-	-	-	-	-	14	A-2-4 (V)	
	817.7	20																
MEDIUM DENSE TO DENSE, BROWN AND ORANGISH BROWN, **COARSE AND FINE SAND**, LITTLE SILT, TRACE GRAVEL, TRACE CLAY, IRON STAINING, MOIST		21																
		22	3 4 12	21	100	SS-9	-	-	-	-	-	-	-	-	-	10	A-3a (V)	
		23																
	813.2	24	7 13 12	33	100	SS-10	-	-	-	-	-	-	-	-	-	11	A-3a (V)	
	EOB	25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P 2010 / TOTAL P 2024	192 / TOTAL 206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL C
BORING LOGS B-174-0-23 & B-175-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:17:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL438.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 6/26/25 END: 6/26/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 23+41, 5' LT.
ALIGNMENT: NOISE WALL C
ELEVATION: 831.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.931341, -82.797254

EXPLORATION ID: B-176-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, MOIST TO DAMP	831.8	2 3 3	8	100	SS-1	3.00	1	5	12	36	46	45	22	23	24	A-7-6 (14)	
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, SOME GRAVEL, DAMP	826.3	3 3 8	15	100	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-7-6 (V)	
VERY STIFF, ORANGISH BROWN AND GRAY, **SILTY CLAY**, SOME SAND, LITTLE GRAVEL, IRON STAINING, DAMP	821.3	6 6 8	19	100	SS-3	4.50	25	16	14	27	18	32	19	13	13	A-6a (3)	
DENSE, BROWN AND LIGHT BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP	818.8	3 4 6	13	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
VERY STIFF, GRAY AND ORANGISH BROWN, **SILT AND CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP	816.3	4 5 6	15	100	SS-5	3.00	20	8	20	31	21	36	20	16	17	A-6b (6)	
MEDIUM DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	811.3	7 11 12	31	100	SS-6	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)	
	W 810.8	17 5 6	15	100	SS-7	3.00	-	-	-	-	-	-	-	-	14	A-6a (V)	
	806.8 EOB	2 2 4	8	100	SS-8	2.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
		3 4 4	11	100	SS-9	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	
		4 5 6	15	100	SS-10	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 21.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 11+21, 46' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 940.5 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.937056, -82.771421

EXPLORATION ID: B-177-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED WITH GRAY, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, DAMP	940.5	4 5 5	13	72	SS-1	4.50	0	6	13	35	46	46	24	22	21	A-7-6 (14)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	937.5	5 7 8	20	61	SS-2	4.50	6	10	16	39	29	30	18	12	13	A-6a (7)	
VERY DENSE, BROWN, **STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	930.0	4 5 8	17	78	SS-3	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
HARD, GRAYISH BROWN, **SILT**, SOME CLAY, TRACE SAND, TRACE GRAVEL, DAMP	927.5	4 6 7	17	50	SS-4	4.25	-	-	-	-	-	-	-	-	14	A-6a (V)	
MEDIUM DENSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP	925.0	28 50/1"	-	100	SS-5	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, GLACIAL TILL, DAMP SS-9 CONTAINS NO INTACT SOIL FOR HP READINGS	920.0	5 7 7	19	89	SS-6	4.25	2	2	2	68	26	29	21	8	19	A-4b (8)	
	915.5 EOB	6 9 9	24	100	SS-7	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)	
		6 6 4	13	28	SS-8	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
		5 6 7	17	83	SS-9	-	-	-	-	-	-	-	-	-	14	A-4a (V)	
		5 9 10	25	39	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P 2011 / TOTAL P 2024	193 / TOTAL 206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS C & J1
BORING LOGS B-176-0-23 & B-177-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:17:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL439.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 13+19, 34' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 942.7 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.937483, -82.770963

EXPLORATION ID B-178-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
STIFF, BROWN, **SILT AND CLAY**, LITTLE SAND, TRACE GRAVEL, MODERATELY ORGANIC, CONTAINS ROOTS, LOW DENSITY, MOIST	942.7		2 3 5	11	89	SS-1	1.50	3	4	9	54	30	37	26	11	28	A-6a (8)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	939.7		4 4 1	7	56	SS-2	4.50	16	8	15	36	25	32	18	14	14	A-6a (7)	
			8 18 50	91	44	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	932.2		5 11 8	25	50	SS-4	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
VERY STIFF, BROWN, **SILTY CLAY**, SOME GRAVEL, SOME SAND, DAMP	929.7		3 4 4	11	67	SS-5	3.00	35	13	9	22	21	40	20	20	18	A-6b (4)	
VERY STIFF, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP	922.2		4 5 5	13	61	SS-6	3.00	-	-	-	-	-	-	-	-	14	A-6a (V)	
			3 4 4	11	72	SS-7	3.00	-	-	-	-	-	-	-	-	15	A-6a (V)	
			4 5 5	13	61	SS-8	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, GLACIAL TILL, DAMP	917.7	EOB	5 7 6	17	83	SS-9	4.50	-	-	-	-	-	-	-	-	5	A-4a (V)	
			5 6 9	20	83	SS-10	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 15+13, 37' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 947.1 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.937864, -82.770446

EXPLORATION ID B-179-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, CONTAINS ROOTS, DAMP	947.1		3 4 3	9	94	SS-1	4.50	2	4	11	54	29	29	21	8	20	A-4b (8)	
HARD, BROWN, **SILT AND CLAY**, SOME TO "AND" SAND, TRACE GRAVEL, DAMP	944.1		2 4 4	11	50	SS-2	4.50	8	16	22	30	24	32	19	13	17	A-6a (5)	
			3 6 6	16	78	SS-3	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
			2 4 6	13	61	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	934.1		5 20 8	37	67	SS-5	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
VERY STIFF, ORANGISH BROWN AND BROWN, **SILT AND CLAY**, "AND" SAND, LITTLE GRAVEL, IRON STAINING, DAMP	931.6		2 2 2	5	56	SS-6	2.50	20	20	18	25	17	35	20	15	20	A-6a (3)	
VERY LOOSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	929.1		2 2 1	4	72	SS-7	-	-	-	-	-	-	-	-	-	20	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP	922.1	EOB	4 4 6	13	6	SS-8	4.50	-	-	-	-	-	-	-	-	10	A-4a (V)	
			6 6 8	19	83	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
			6 6 8	19	72	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER RS
REVIEWER CH
08/21/26

PROJECT ID 96808

SUBSET 194 TOTAL 206

SHEET P.2012 TOTAL P.2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-178-0-23 & B-179-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:18:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL440.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD#1 (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 4/30/26 END: 4/30/26

DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES
SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/25/26
ENERGY RATIO (%): 83

STATION / OFFSET: 16+74, 25' LT.
ALIGNMENT: WALL J1
ELEVATION: 952.9 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.938200, -82.769540

EXPLORATION ID: B-179-1-26
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
4.0" TOPSOIL (DRILLERS DESCRIPTION)	952.6																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	944.9		7 10 9	26	100	SS-1	4.50	4	7	15	40	34	35	20	15	14	A-6a (10)	
			5 11 11	30	100	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
			5 8 9	24	100	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
HARD, BROWNISH GRAY AND ORANGISH BROWN BECOMING GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	937.4		5 8 12	28	100	SS-4	4.50	10	13	20	34	23	25	16	9	11	A-4a (4)	
			6 8 9	24	100	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
			4 6 12	25	100	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	934.9		4 9 9	25	100	SS-7	4.50	13	8	13	39	27	27	16	11	13	A-6a (7)	
DENSE, BROWN AND ORANGISH BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	932.4		9 19 14	46	89	SS-8	-	35	22	14	21	8	23	18	5	10	A-2-4 (0)	
VERY STIFF, GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, MOIST TO DAMP		W 931.9	14 8 5	18	78	SS-9	2.25	-	-	-	-	-	-	-	-	17	A-4a (V)	
	927.9	EOB	3 6 6	17	50	SS-10	2.25	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 21.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 17+02, 40' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 948.4 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.938162, -82.769876

EXPLORATION ID: B-180-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, TRACE ROOTS, DAMP	945.4		5 5 6	15	78	SS-1	4.50	7	5	14	35	39	46	21	25	20	A-7-6 (15)	
HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP TO MOIST	935.4		5 10 7	23	50	SS-2	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
			4 5 8	17	94	SS-3	4.50	15	11	16	36	22	28	18	10	13	A-4a (5)	
			4 7 7	19	67	SS-4	4.50	-	-	-	-	-	-	-	-	19	A-4a (V)	
			4 7 9	21	56	SS-5	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
MEDIUM DENSE, BROWN AND ORANGISH BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	932.9		5 6 8	19	61	SS-6	-	-	-	-	-	-	-	-	-	14	A-2-4 (V)	
VERY STIFF, BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	930.4		3 4 4	11	17	SS-7	3.75	-	-	-	-	-	-	-	-	15	A-6a (V)	
MEDIUM DENSE, GRAY AND BROWN, **SANDY SILT**, LITTLE GRAVEL, TRACE CLAY, GLACIAL TILL, WET	927.9	W 929.9	6 6 9	20	44	SS-8	-	17	19	22	32	10	NP	NP	NP	20	A-4a (1)	
VERY DENSE, GRAY AND BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, GLACIAL TILL, DAMP			34 28 19	63	39	SS-9	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)	
@23.5'; SS-10 BECOMES MEDIUM DENSE	923.4	EOB	5 5 6	15	11	SS-10	-	-	-	-	-	-	-	-	-	1	A-2-4 (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P 2013 TOTAL P 2024
SUBSET 195 TOTAL 206
PROJECT ID 96808
REVISED CH 08/27/26
DESIGNER RS

DESIGN AGENCY NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-179-1-26 & B-180-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:19:03 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL441.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-H

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 19+02, 45' LT. | EXPLORATION ID B-181-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J1 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 949.8 (MSL) EOB: 25.0 ft.
START: 5/22/25 END: 5/22/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.938419, -82.769225

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
STIFF TO HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, TRACE GRAVEL, TRACE SAND, IRON STAINING, MOIST TO DAMP	949.8		3 3 4	9	100	SS-1	1.75	9	1	2	36	52	72	26	46	32	A-7-6 (20)	
			3 4 8	16	56	SS-2	2.50	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
			3 5 6	15	83	SS-3	4.25	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	941.8		4 8 12	27	89	SS-4	4.50	11	11	16	37	25	28	18	10	13	A-4a (5)	
			4 10 9	25	50	SS-5	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			9 8 8	21	17	SS-6	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
	931.8		3 4 3	9	78	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
MEDIUM DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND, SILT, AND CLAY**, WET	929.3	W 931.3	6 5 13	24	44	SS-8	-	-	-	-	-	-	-	-	-	21	A-2-6 (V)	
MEDIUM DENSE TO DENSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	924.8	EOB	5 7 11	24	56	SS-9	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	
			6 12 13	33	33	SS-10	-	-	-	-	-	-	-	-	-	13	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 7/23/26 13:34 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 TO3 AMD# (2026)\GINT FILES\FAI-LIC-70-0.

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / J. HODGES | DRILL RIG: CME 55X | STATION / OFFSET: 19+94, 7' LT. | EXPLORATION ID B-181-1-26
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / J. HODGES | HAMMER: CME AUTOMATIC | ALIGNMENT: WALL J1 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/25/26 | ELEVATION: 949.6 (MSL) EOB: 25.0 ft.
START: 4/30/26 END: 4/30/26 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 83 | LAT / LONG: 39.938540, -82.768490

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
4.0" TOPSOIL (DRILLERS DESCRIPTION)	949.3																	
STIFF TO VERY STIFF, ORANGISH BROWN MOTTLED WITH GRAY, **CLAY**, "AND" SILT, TRACE SAND, TRACE GRAVEL, IRON STAINING, MOIST TO DAMP	941.6		3 4 4	11	100	SS-1	1.25	0	1	5	45	49	58	26	32	28	A-7-6 (20)	
			3 6 8	19	100	SS-2	1.25	-	-	-	-	-	-	-	-	22	A-7-6 (V)	
			3 6 6	17	100	SS-3	2.75	-	-	-	-	-	-	-	-	25	A-7-6 (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	939.1		4 6 8	19	100	SS-4	4.50	9	12	16	36	27	28	17	11	14	A-6a (6)	
HARD, BROWN AND ORANGISH BROWN, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, IRON STAINING, DAMP	936.6		5 8 10	25	100	SS-5	4.50	8	13	19	39	21	24	16	8	13	A-4a (5)	
HARD, GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, DAMP	931.6		3 5 9	19	100	SS-6	4.50	20	13	17	31	19	24	15	9	11	A-4a (3)	
			3 5 7	17	100	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
MEDIUM DENSE, BROWN AND ORANGISH BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	929.1		9 11 9	28	100	SS-8	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
MEDIUM DENSE, GRAY, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	926.6	W 928.6	4 9 12	29	100	SS-9	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, MOIST	924.6	EOB	10 10 12	30	100	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 21.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVISED	DESIGNER	DESIGN AGENCY
P 2014	P 2024	196	206	96808	CH 08/21/26	RS	NEAS

2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231 (614) 714-0299 WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-181-0-23 & B-181-1-26

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:19:39 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL442.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 21+06, 50' LT. | EXPLORATION ID: B-182-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 954.0 (MSL) EOB: 25.0 ft.
START: 6/26/25 END: 6/26/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.938671, -82.768582

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
STIFF, BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, MOIST	954.0		4 3 5	11	100	SS-1	1.75	3	5	11	45	36	40	21	19	24	A-6b (12)	
	951.0																	
HARD, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP			4 6 6	16	100	SS-2	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			4 7 9	21	100	SS-3	4.50	12	10	15	37	26	28	18	10	13	A-4a (6)	
	943.5		3 3 4	9	100	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			2 3 5	11	100	SS-5	4.50	17	12	17	33	21	23	15	8	12	A-4a (4)	
			2 3 4	9	100	SS-6	4.25	-	-	-	-	-	-	-	-	11	A-4a (V)	
	936.0		3 4 6	13	100	SS-7	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, GLACIAL TILL, DAMP TO MOIST			7 12 8	27	100	SS-8	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	931.0		4 8 12	27	100	SS-9	4.50	-	-	-	-	-	-	-	-	23	A-6a (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP	929.0	EOB	4 6 8	19	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 23+08, 52' LT. | EXPLORATION ID: B-183-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 958.3 (MSL) EOB: 25.0 ft.
START: 6/26/25 END: 6/26/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.938931, -82.767955

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, DAMP	958.3		4 4 5	12	100	SS-1	3.25	4	5	14	36	41	44	22	22	21	A-7-6 (14)	
	955.3																	
VERY STIFF, BROWN AND LIGHT BROWN, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, DAMP			2 4 4	11	100	SS-2	4.00	1	5	8	58	28	32	22	10	22	A-4b (8)	
	952.8																	
VERY STIFF, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP			2 3 8	15	100	SS-3	2.50	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
	950.3																	
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP			2 4 5	12	100	SS-4	4.25	13	9	17	36	25	28	17	11	18	A-6a (6)	
			2 2 5	9	100	SS-5	3.00	-	-	-	-	-	-	-	-	16	A-6a (V)	
			2 4 6	13	100	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	942.8																	
HARD, GRAY, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			5 5 7	16	100	SS-7	4.50	12	14	18	36	20	24	16	8	10	A-4a (4)	
			2 4 6	13	100	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			2 5 7	16	100	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	935.3	W 934.8																
VERY DENSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, GLACIAL TILL, WET	933.3	EOB	7 16 25	55	100	SS-10	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 23.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P 2015	P 2024	197	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-182-0-23 & B-183-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:20:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL443.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/21/25 END: 5/21/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 25+10, 57' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 963.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.939215, -82.767342

EXPLORATION ID: B-184-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 963.0	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL	962.5																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		1	4 4 5	13	44	SS-1	4.50	5	13	15	37	30	34	19	15	14	A-6a (8)	
		2																
		3																
		4	4 7 8	22	72	SS-2	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		5																
		6	4 6 6	18	50	SS-3	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
	955.0	7																
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, TRACE GRAVEL, IRON STAINING, DAMP TO MOIST		8																
		9	4 5 7	18	78	SS-4	4.50	3	6	19	33	39	47	21	26	19	A-7-6 (15)	
		10																
		11																
		12	3 4 8	18	89	SS-5	4.25	-	-	-	-	-	-	-	-	19	A-7-6 (V)	
		13																
		14	6 7 9	24	94	SS-6	2.50	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
	947.5	15																
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP		16																
		17	3 5 8	19	89	SS-7	4.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
		18																
		19	3 5 7	18	78	SS-8	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	942.5	20																
HARD, GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP		21																
		22	4 5 6	16	72	SS-9	4.50	6	12	16	41	25	27	17	10	11	A-4a (6)	
		23																
		24	6 10 8	27	78	SS-10	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
	938.0	EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / NS
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 27+12, 61' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 966.8 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.939512, -82.766745

EXPLORATION ID: B-185-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 966.8	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	966.3																	
HARD, BROWN, **SILTY CLAY**, SOME SAND, LITTLE GRAVEL, DAMP		1	3 6 7	19	44	SS-1	4.50	11	9	15	35	30	35	19	16	14	A-6b (8)	
		2																
		3																
		4	3 3 5	12	39	SS-2	4.50	-	-	-	-	-	-	-	-	19	A-6b (V)	
	961.3	5																
VERY STIFF TO HARD, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, MOIST TO DAMP		6																
		7	1 3 5	12	50	SS-3	3.00	2	3	13	43	39	44	21	23	23	A-7-6 (14)	
		8																
		9	1 5 7	18	61	SS-4	4.50	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
		10																
		11																
		12	5 6 9	22	33	SS-5	3.00	-	-	-	-	-	-	-	-	19	A-7-6 (V)	
	953.8	13																
HARD, BROWN BECOMING GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP		14	6 7 9	24	67	SS-6	4.50	4	10	16	41	29	28	17	11	14	A-6a (7)	
		15																
		16																
		17	6 8 11	28	72	SS-7	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		18																
		19	5 7 9	24	72	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		20																
		21	7 8 9	25	56	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		22																
		23																
		24	7 5 7	18	61	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	941.8	EOB 25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 23.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER:
PROJECT ID: 96808
SUBSET: CH
SHEET: 198
TOTAL: 206
08/21/26
P 2016
TOTAL P 2024

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-184-0-23 & B-185-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:20:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL444.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/21/25 END: 5/21/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 29+08, 63' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 970.1 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.939810, -82.766170

EXPLORATION ID: B-186-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 970.1	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	969.6																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP		1	4 6 7	19	83	SS-1	4.50	13	9	15	35	28	32	18	14	13	A-6a (7)	
	964.6	2																
HARD, BROWN, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, DAMP		3	6 6 7	19	50	SS-2	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	962.1	4																
VERY STIFF, BROWN AND ORANGISH BROWN, **SILT AND CLAY**, LITTLE TO "AND" SAND, TRACE GRAVEL, IRON STAINING, DAMP TO MOIST		5	3 5 6	16	67	SS-3	4.50	1	3	9	61	26	34	26	8	21	A-4b (8)	
		6																
		7	3 5 6	16	67	SS-3	4.50	1	3	9	61	26	34	26	8	21	A-4b (8)	
		8																
		9	3 5	12	83	SS-4	3.00	-	-	-	-	-	-	-	-	19	A-6a (V)	
		10																
		11	2 3 3	9	78	SS-5	3.00	-	-	-	-	-	-	-	-	18	A-6a (V)	
		12																
		13																
		14	4 5 6	16	83	SS-6	3.25	-	-	-	-	-	-	-	-	20	A-6a (V)	
		15																
		16																
		17	8 5 7	18	44	SS-7	3.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
	952.1	18																
HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP		19	4 5 5	15	72	SS-8	4.50	8	13	18	36	25	26	15	11	11	A-6a (6)	
		20																
		21	3 3 6	13	89	SS-9	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
		22																
		23																
	945.1	24	3 3 5	12	50	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	EOB	25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/23/25 END: 5/23/25

DRILLING FIRM / OPERATOR: NEAS INC. / RW
SAMPLING FIRM / LOGGER: NEAS INC. / NS
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 31+09, 68' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 973.4 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.940137, -82.765602

EXPLORATION ID: B-187-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. 973.4	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	972.9																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		1	4 5 7	18	39	SS-1	4.50	6	10	16	36	32	32	18	14	13	A-6a (8)	
	967.9	2																
VERY STIFF, BROWN MOTTLED WITH GRAY, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP		3	2 5 7	18	44	SS-2	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
	965.4	4																
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP		5	2 5 9	21	67	SS-3	3.00	1	9	16	38	36	36	19	17	17	A-6b (11)	
		6																
		7																
		8	3 7 12	28	56	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	960.4	9																
HARD, BROWNISH GRAY, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, GLACIAL TILL, DAMP		10	7 7 7	21	72	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		11																
		12																
		13																
		14	5 7 11	27	72	SS-6	4.50	4	13	17	39	27	27	17	10	13	A-4a (6)	
	955.4	15																
HARD, GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP		16	5 8 12	30	50	SS-7	4.50	-	-	-	-	-	-	-	-	11	A-4a (V)	
		17																
		18																
		19	6 7 9	24	44	SS-8	4.50	-	-	-	-	-	-	-	-	11	A-6a (V)	
		20																
		21																
		22	5 8 11	28	50	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		23																
	948.4	24	6 9 10	28	56	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	EOB	25																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 22.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

DESIGNER: RS
REVIEWER: CH
PROJECT ID: 96808
SUBSET: 199 TOTAL: 206
SHEET: P 2017 TOTAL: P 2024
08/21/26

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-186-0-23 & B-187-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:21:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL445.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/21/25 END: 5/21/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / TA
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 33+11, 67' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 976.2 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.940469, -82.765036

EXPLORATION ID: B-188-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
6.0" TOPSOIL (DRILLERS DESCRIPTION)	975.7																
HARD, BROWN MOTTLED WITH GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	958.2	5 4 6	15	72	SS-1	4.50	9	13	15	33	30	34	19	15	12	A-6a (8)	
		5 5 6	16	67	SS-2	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
		4 4 9	19	89	SS-3	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
		4 6 8	21	94	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		3 3 4	10	94	SS-5	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
		6 6 7	19	78	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
		4 6 9	22	39	SS-7	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
MEDIUM DENSE TO DENSE, GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, TRACE TO LITTLE CLAY, GLACIAL TILL, DAMP TO MOIST		5 14 12	39	56	SS-8	-	21	12	17	42	8	NP	NP	NP	9	A-4a (3)	
		3 4 6	15	33	SS-9	-	-	-	-	-	-	-	-	-	14	A-4a (V)	
	951.2	3 4 4	12	89	SS-10	-	-	-	-	-	-	-	-	-	8	A-4a (V)	
	EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/29/25 END: 5/29/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 35+05, 34' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 977.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.940735, -82.764431

EXPLORATION ID: B-189-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN MOTTLED WITH ORANGISH BROWN AND GRAY, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	974.0	3 3 6	12	100	SS-1	4.25	4	5	13	36	42	45	23	22	21	A-7-6 (14)	
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY, **SILTY CLAY**, "AND" SAND, TRACE GRAVEL, IRON STAINING, DAMP		3 3 5	11	100	SS-2	4.50	-	-	-	-	-	-	-	-	19	A-6b (V)	
		4 7 6	17	100	SS-3	3.75	-	-	-	-	-	-	-	-	14	A-6b (V)	
		2 3 7	13	100	SS-4	3.25	3	20	21	30	26	35	19	16	18	A-6b (7)	
	964.0	9 11 6	23	89	SS-5	4.50	-	-	-	-	-	-	-	-	16	A-6b (V)	
HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, LITTLE TO SOME GRAVEL, LITTLE CLAY, GLACIAL TILL, DAMP @16.0'; SS-7 CONTAINS NO INTACT SOIL FOR HP READINGS		4 4 7	15	100	SS-6	4.50	26	11	13	34	16	26	18	8	13	A-4a (3)	
		8 10 10	27	100	SS-7	-	24	20	16	26	14	25	16	9	10	A-4a (1)	
		2 4 4	11	33	SS-8	4.25	-	-	-	-	-	-	-	-	13	A-4a (V)	
		3 4 5	12	44	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	952.0	3 4 4	11	100	SS-10	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P 2018 TOTAL P 2024
SUBSET 200 TOTAL 206
PROJECT ID 96808
CH 08/21/26
REVIEWER
DESIGNER RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH.
43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-188-0-23 & B-189-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:22:07 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL446.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/29/25 END: 5/29/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 37+06, 26' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 976.1 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.941072, -82.763864

EXPLORATION ID: B-190-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, TRACE SAND, TRACE GRAVEL, IRON STAINING, MOIST TO DAMP	976.1	4 5 7	16	100	SS-1	2.75	1	2	8	40	49	60	25	35	27	A-7-6 (20)	
	970.6																
VERY STIFF TO HARD, BROWN BECOMING BROWNISH GRAY, **SANDY SILT**, SOME CLAY, TRACE TO LITTLE GRAVEL, GLACIAL TILL, DAMP		3 4 7	15	100	SS-2	4.50	-	-	-	-	-	-	-	-	23	A-7-6 (V)	
		3 7 10	23	100	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
		3 6 7	17	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
		2 5 5	13	100	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-4a (V)	
		2 5 7	16	100	SS-6	4.50	9	12	15	40	24	26	18	8	14	A-4a (6)	
		2 4 7	15	100	SS-7	4.00	-	-	-	-	-	-	-	-	13	A-4a (V)	
	W 957.6																
		17 15 12	36	100	SS-8	4.50	-	-	-	-	-	-	-	-	9	A-4a (V)	
		9 14 16	40	100	SS-9	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
	951.1	3 4 4	11	100	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
	EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 18.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/28/25 END: 5/28/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 39+06, 21' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 981.1 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.941413, -82.763305

EXPLORATION ID: B-191-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV. / DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, DAMP	981.1	3 3 4	9	39	SS-1	2.75	3	8	12	53	24	35	25	10	23	A-4b (8)	
	978.1																
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY, **SILTY CLAY**, SOME SAND, TRACE GRAVEL, DAMP		3 3 5	11	33	SS-2	3.25	8	7	15	34	36	38	19	19	18	A-6b (11)	
		3 8 9	23	67	SS-3	4.25	-	-	-	-	-	-	-	-	14	A-6b (V)	
		4 7 10	23	78	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
	970.6																
VERY STIFF, GRAY, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, DAMP		4 4 5	12	56	SS-5	3.50	9	9	15	47	20	23	16	7	14	A-4a (6)	
	968.1																
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, LITTLE TO SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP		3 4 4	11	50	SS-6	3.25	-	-	-	-	-	-	-	-	15	A-6a (V)	
		3 4 4	11	67	SS-7	4.00	-	-	-	-	-	-	-	-	13	A-6a (V)	
		3 4 5	12	17	SS-8	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
		3 5 7	16	61	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	956.1	3 5 6	15	56	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
	EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER
P 2019 / TOTAL P 2024	201 / TOTAL 206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-190-0-23 & B-191-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:22:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL447.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 41+05, 20' LT. | EXPLORATION ID: B-192-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 981.6 (MSL) EOB: 25.0 ft.
START: 5/28/25 END: 5/28/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.941763, -82.762762

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, SOME SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, MOIST TO DAMP	981.6		3 4 6	13	89	SS-1	3.50	3	3	10	35	49	61	25	36	26	A-7-6 (20)	
			3 4 6	13	44	SS-2	3.25	-	-	-	-	-	-	-	-	20	A-7-6 (V)	
			3 6 7	17	78	SS-3	3.50	-	-	-	-	-	-	-	-	14	A-7-6 (V)	
	971.6		5 6 9	20	72	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-7-6 (V)	
VERY STIFF, BROWN AND DARK BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, SLIGHTLY ORGANIC, DAMP	968.6		4 9 10	25	67	SS-5	4.00	18	16	15	29	22	31	19	12	15	A-6a (4)	
VERY STIFF, BROWNISH GRAY AND GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	963.6		3 5 6	15	44	SS-6	4.00	14	11	14	35	26	31	18	13	15	A-6a (6)	
			3 4 5	12	72	SS-7	3.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP	961.1		2 4 4	11	50	SS-8	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
LOOSE, BROWNISH GRAY, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, GLACIAL TILL, MOIST	958.6		1 3 2	7	39	SS-9	-	2	3	14	54	27	25	17	8	19	A-4b (8)	
MEDIUM DENSE, GRAY AND BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND, SILT, AND CLAY**, GLACIAL TILL, MOIST	956.6	W 958.1	3 5 5	13	44	SS-10	-	-	-	-	-	-	-	-	-	11	A-2-6 (V)	
		EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 23.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 43+04, 21' LT. | EXPLORATION ID: B-193-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J1 | PAGE: 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 983.4 (MSL) EOB: 25.0 ft.
START: 5/28/25 END: 5/28/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.942115, -82.762219

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, LIGHT BROWN, **SILTY CLAY**, LITTLE SAND, TRACE GRAVEL, DAMP	983.4		3 4 5	12	67	SS-1	3.00	6	6	14	39	35	39	21	18	18	A-6b (11)	
	977.9		3 5 9	19	78	SS-2	3.25	-	-	-	-	-	-	-	-	16	A-6b (V)	
VERY STIFF TO HARD, BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, IRON STAINING, DAMP			3 8 10	24	39	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
			3 5 9	19	50	SS-4	4.50	14	10	15	35	26	27	17	10	13	A-4a (5)	
	970.4		5 10 13	31	33	SS-5	4.00	-	-	-	-	-	-	-	-	17	A-4a (V)	
VERY STIFF TO HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP			3 4 5	12	72	SS-6	4.50	18	10	16	34	22	25	15	10	12	A-4a (4)	
			2 4 4	11	61	SS-7	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	
	962.9		2 3 5	11	56	SS-8	4.00	-	-	-	-	-	-	-	-	15	A-4a (V)	
DENSE, GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, GLACIAL TILL, DAMP			2 10 21	41	33	SS-9	-	43	13	13	21	10	NP	NP	NP	10	A-2-4 (0)	
	958.4	W 959.9	11 16 16	43	50	SS-10	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)	
		EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 23.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P 2020 | TOTAL P 2024
SUBSET 202 | TOTAL 206
PROJECT ID 96808
REVISED 08/21/26
DESIGNER RS
CH

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-192-0-23 & B-193-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:23:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL448.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/28/25 END: 5/28/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 45+01, 17' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 986.0 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.942457, -82.761671

EXPLORATION ID B-194-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND LIGHT BROWN BECOMING BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	986.0		2 4 4	11	100	SS-1	2.50	7	3	8	45	37	48	23	25	23	A-7-6 (16)	
			2 4 7	15	39	SS-2	4.50	-	-	-	-	-	-	-	-	20	A-7-6 (V)	
			3 4 5	12	44	SS-3	4.50	-	-	-	-	-	-	-	-	20	A-7-6 (V)	
VERY STIFF TO HARD, BROWNISH GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	978.0		5 7 8	20	67	SS-4	4.50	13	9	16	35	27	29	18	11	12	A-6a (6)	
			5 7 10	23	72	SS-5	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
	970.5		4 7 10	23	50	SS-6	4.00	-	-	-	-	-	-	-	-	9	A-6a (V)	
VERY STIFF TO HARD, GRAY, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, GLACIAL TILL, DAMP TO MOIST			3 5 6	15	56	SS-7	4.25	19	10	15	32	24	27	16	11	13	A-6a (5)	
			2 4 4	11	39	SS-8	4.25	-	-	-	-	-	-	-	-	14	A-6a (V)	
	963.0		3 6 9	20	72	SS-9	4.00	-	-	-	-	-	-	-	-	17	A-6a (V)	
MEDIUM DENSE, BROWNISH GRAY, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, GLACIAL TILL, WET		W 962.5																
	961.0	EOB	6 9 9	24	39	SS-10	-	-	-	-	-	-	-	-	-	17	A-1-b (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 23.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/27/25 END: 5/27/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 47+04, 16' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 988.6 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.942810, -82.761113

EXPLORATION ID B-195-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND LIGHT BROWN BECOMING BROWN MOTTLED WITH GRAY AND ORANGISH BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	988.6		4 4 6	13	100	SS-1	2.75	3	4	12	36	45	47	23	24	22	A-7-6 (15)	
			2 4 5	12	100	SS-2	4.50	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
HARD, BROWN, **SILT AND CLAY**, SOME GRAVEL, LITTLE SAND, MOIST TO DAMP	983.1		3 5 7	16	100	SS-3	4.50	21	7	13	33	26	31	18	13	19	A-6a (6)	
			4 6 8	19	100	SS-4	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
HARD, BROWN, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, DAMP	978.1		4 6 7	17	72	SS-5	4.50	11	8	17	38	26	26	16	10	13	A-4a (6)	
HARD, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, GLACIAL TILL, DAMP	975.6		3 6 9	20	44	SS-6	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
			4 5 9	19	67	SS-7	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
MEDIUM DENSE, BROWN, **SILT**, LITTLE SAND, LITTLE CLAY, TRACE GRAVEL, GLACIAL TILL, WET	970.6		4 6 13	25	61	SS-8	-	1	3	17	67	12	NP	NP	NP	20	A-4b (8)	
HARD, GRAY, **SANDY SILT**, SOME CLAY, LITTLE GRAVEL, GLACIAL TILL, DAMP	968.1		11 10 13	31	67	SS-9	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
		W 965.1																
	963.6	EOB	4 7 11	24	78	SS-10	4.50	-	-	-	-	-	-	-	-	12	A-4a (V)	

NOTES: GROUNDWATER ENCOUNTERED AT 23.5' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P.2021 TOTAL P.2024
SUBSET 203 TOTAL 206
PROJECT ID 96808
CH 08/21/26
REVIEWER
DESIGNER RS

DESIGN AGENCY NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240 COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-194-0-23 & B-195-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:24:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL449.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/27/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 49+03, 19' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 993.4 (MSL) EOB: 23.9 ft.
LAT / LONG: 39.943168, -82.760579

EXPLORATION ID: B-196-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, DAMP	993.4		2 3 5	11	50	SS-1	4.00	2	5	11	41	41	44	22	22	22	A-7-6 (14)	
			2 5 6	15	44	SS-2	4.00	-	-	-	-	-	-	-	-	19	A-7-6 (V)	
			4 4 7	15	33	SS-3	3.50	-	-	-	-	-	-	-	-	16	A-7-6 (V)	
			3 4 5	12	39	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-7-6 (V)	
LOOSE, BROWN, **SANDY SILT**, LITTLE CLAY, TRACE GRAVEL, WET TO MOIST	982.9		3 3 4	9	67	SS-5	-	0	2	60	22	16	NP	NP	NP	18	A-4a (1)	
			2 2 4	8	56	SS-6	-	-	-	-	-	-	-	-	-	14	A-4a (V)	
			3 3 3	8	61	SS-7	-	-	-	-	-	-	-	-	-	19	A-4a (V)	
MEDIUM DENSE TO DENSE, BROWN AND ORANGISH BROWN, **STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, IRON STAINING, DAMP	975.4		7 13 16	39	50	SS-8	-	36	20	14	22	8	NP	NP	NP	10	A-2-4 (0)	
			8 11 10	28	100	SS-9	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)	
VERY DENSE, BROWN, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, RESIDUAL SOIL, DAMP	970.4		50/5"	-	80	SS-10	-	-	-	-	-	-	-	-	-	7	A-1-a (V)	
	969.5	EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/21/25 END: 5/21/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 51+02, 22' LT.
ALIGNMENT: NOISE WALL J1
ELEVATION: 991.7 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.943527, -82.760041

EXPLORATION ID: B-197-0-23
PAGE: 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF, BROWN, **CLAY**, "AND" SILT, LITTLE SAND, TRACE GRAVEL, DAMP	991.7		3 3 4	9	100	SS-1	2.75	6	5	13	37	39	42	21	21	21	A-7-6 (13)	
			3 3 6	12	100	SS-2	3.50	-	-	-	-	-	-	-	-	20	A-7-6 (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP TO MOIST	986.2		3 4 6	13	100	SS-3	4.25	8	11	15	38	28	29	17	12	14	A-6a (7)	
			2 3 6	12	28	SS-4	4.50	-	-	-	-	-	-	-	-	20	A-6a (V)	
			5 9 12	28	100	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-6a (V)	
VERY STIFF, GRAY, **SILT AND CLAY**, LITTLE SAND, LITTLE GRAVEL, DAMP	978.7		2 3 8	15	100	SS-6	3.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
			2 6 6	16	100	SS-7	3.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
HARD, ORANGISH BROWN AND GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, IRON STAINING, DAMP	973.7		4 5 16	28	100	SS-8	4.25	18	16	19	30	17	25	18	7	11	A-4a (2)	
MEDIUM DENSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP	971.2		4 11 8	25	100	SS-9	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	
	966.7	EOB	4 7 5	16	100	SS-10	-	-	-	-	-	-	-	-	-	9	A-1-b (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL
P 2022	P 2024

SUBSET	TOTAL
204	206

PROJECT ID: 96808

CH 08/21/26

DESIGNER: RS

REVIEWER:

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J1
BORING LOGS B-196-0-23 & B-197-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:24:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL450.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JH | DRILL RIG: CME 55X | STATION / OFFSET: 12+87, 46' RT. | EXPLORATION ID B-198-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JH | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 3/8/24 | ELEVATION: 991.6 (MSL) EOB: 25.0 ft.
START: 5/21/25 END: 5/21/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 80 | LAT / LONG: 39.943876, 82.759494

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
VERY STIFF TO HARD, BROWN AND ORANGISH BROWN, **CLAY**, SOME SILT, SOME SAND, LITTLE GRAVEL, IRON STAINING, DAMP	991.6		2 2 3	7	89	SS-1	2.50	18	8	14	30	30	42	22	20	20	A-7-6 (9)	
			2 3 6	12	100	SS-2	4.50	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
			4 5 10	20	100	SS-3	3.75	-	-	-	-	-	-	-	-	18	A-7-6 (V)	
HARD, BROWN, **SANDY SILT**, SOME CLAY, TRACE GRAVEL, DAMP	983.6		4 6 8	19	100	SS-4	4.50	9	11	17	36	27	26	18	8	12	A-4a (6)	
			3 2 2	5	78	SS-5	4.50	-	-	-	-	-	-	-	-	16	A-4a (V)	
LOOSE, BROWN, **GRAVEL WITH SAND AND SILT**, TRACE CLAY, DAMP TO MOIST	978.6		2 2 2	5	44	SS-6	-	45	16	12	17	10	29	19	10	15	A-2-4 (0)	
			3 2 4	8	33	SS-7	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
		W 971.6	3 2 2	5	61	SS-8	-	-	-	-	-	-	-	-	-	17	A-2-4 (V)	
LOOSE, BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, WET	971.1		2 2 2	5	100	SS-9	-	-	-	-	-	-	-	-	-	17	A-1-b (V)	
LOOSE, BROWN, **COARSE AND FINE SAND**, LITTLE SILT, TRACE GRAVEL, TRACE CLAY, WET	968.6		2 3 2	7	100	SS-10	-	-	-	-	-	-	-	-	-	22	A-3a (V)	
	966.6	EOB																

NOTES: GROUNDWATER ENCOUNTERED AT 20.0' DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025).GPJ

PROJECT: FAI/LIC-70-0.00/0.00 | DRILLING FIRM / OPERATOR: NEAS INC. / JL | DRILL RIG: CME 55TB | STATION / OFFSET: 14+82, 2' RT. | EXPLORATION ID B-199-0-23
TYPE: NOISE WALL | SAMPLING FIRM / LOGGER: NEAS INC. / JL | HAMMER: CME AUTOMATIC | ALIGNMENT: NOISE WALL J2 | PAGE 1 OF 1
PID: 96808 SFN: | DRILLING METHOD: 3.25" HSA | CALIBRATION DATE: 7/30/24 | ELEVATION: 997.8 (MSL) EOB: 25.0 ft.
START: 5/19/25 END: 5/19/25 | SAMPLING METHOD: SPT | ENERGY RATIO (%): 89 | LAT / LONG: 39.944311, -82.759063

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
13.0" BASE (DRILLERS DESCRIPTION)	997.8																	
	996.7		35 18 7	37	28	SS-1	4.50	-	-	-	-	-	-	-	-	7	A-6a (V)	
HARD, BROWN AND DARK BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	992.3		5 5 8	19	56	SS-2	4.50	13	11	17	32	27	32	18	14	13	A-6a (6)	
HARD, BROWNISH GRAY AND ORANGISH BROWN, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL, IRON STAINING, DAMP	987.3		4 7 7	21	72	SS-3	4.50	3	8	12	51	26	28	20	8	17	A-4b (8)	
			3 5 6	16	78	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-4b (V)	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, LITTLE GRAVEL, DAMP	977.3		3 3 4	10	72	SS-5	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
			3 4 6	15	83	SS-6	4.50	-	-	-	-	-	-	-	-	17	A-6a (V)	
			8 28 9	55	39	SS-7	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
			3 4 10	21	39	SS-8	4.50	-	-	-	-	-	-	-	-	18	A-6a (V)	
MEDIUM DENSE, BROWN, **COARSE AND FINE SAND**, LITTLE SILT, TRACE GRAVEL, TRACE CLAY, DAMP	974.8		5 8 12	30	67	SS-9	-	-	-	-	-	-	-	-	-	7	A-3a (V)	
MEDIUM DENSE, BROWN, **STONE FRAGMENTS**, LITTLE SAND, TRACE SILT, TRACE CLAY, DAMP	972.8		5 8 12	30	22	SS-10	-	-	-	-	-	-	-	-	-	6	A-1-a (V)	
		EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET P 2023 | TOTAL P 2024
SUBSET 205 | TOTAL 206
PROJECT ID 96808
CH 08/21/26
REVIEWER
DESIGNER RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR. SUITE 240
COLUMBUS, OH. 43231
TELEPHONE 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALLS J1 & J2
BORING LOGS B-198-0-23 & B-199-0-23

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/20/2026 TIME: 6:25:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: rsoflkancs@neasinc.com WORKSPACE: OHDOTCEv02 WORKSET: 96808 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\404-Engineering_NEAS\Geotechnical\Sheets\96808_ZL451.dgn

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/19/25 END: 5/19/25

DRILLING FIRM / OPERATOR: NEAS INC. / JL
SAMPLING FIRM / LOGGER: NEAS INC. / JL
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55TB
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 7/30/24
ENERGY RATIO (%): 89

STATION / OFFSET: 16+84, 4' RT.
ALIGNMENT: NOISE WALL J2
ELEVATION: 999.6 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.944662, -82.758506

EXPLORATION ID B-200-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
5.0" ASPHALT AND 7.0" BASE (DRILLERS DESCRIPTION)	998.6																	
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP	996.6		7 9 9	27	61	SS-1	4.50	2	9	28	36	25	31	17	14	14	A-6a (7)	
VERY STIFF TO HARD, BROWN, **SILTY CLAY**, SOME SAND, TRACE TO LITTLE GRAVEL, DAMP			5 5 5	15	83	SS-2	4.25	4	10	21	35	30	35	18	17	17	A-6b (9)	
			4 4 5	13	78	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-6b (V)	
			4 3 4	10	61	SS-4	4.25	-	-	-	-	-	-	-	-	16	A-6b (V)	
			4 3 5	12	83	SS-5	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
	984.1		0 0 2	3	28	SS-6	2.50	-	-	-	-	-	-	-	-	18	A-6b (V)	
MEDIUM DENSE, LIGHT BROWN, **GRAVEL WITH SAND**, LITTLE SILT, TRACE CLAY, MOIST TO WET			7 11 7	27	72	SS-7	-	37	22	17	20	4	NP	NP	NP	5	A-1-b (0)	
			5 5 3	12	39	SS-8	-	-	-	-	-	-	-	-	-	12	A-1-b (V)	
	976.6		3 3 17	30	33	SS-9	-	-	-	-	-	-	-	-	-	17	A-1-b (V)	
VERY STIFF, BROWN, **SANDY SILT**, LITTLE CLAY, LITTLE GRAVEL, DAMP	974.6		10 7 9	24	50	SS-10	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	
		EOB																

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE. BORING OFFSET 8.0' NORTH.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 3/26/26 10:14 - X:\1ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\FAI-LIC-70-0.00-0.00 NOISE BARRIER MOD4 (2025)\GINT FILES\FAI-I

PROJECT: FAI/LIC-70-0.00/0.00
TYPE: NOISE WALL
PID: 96808 SFN:
START: 5/22/25 END: 5/22/25

DRILLING FIRM / OPERATOR: NEAS INC. / JH
SAMPLING FIRM / LOGGER: NEAS INC. / JH
DRILLING METHOD: 3.25" HSA
SAMPLING METHOD: SPT

DRILL RIG: CME 55X
HAMMER: CME AUTOMATIC
CALIBRATION DATE: 3/8/24
ENERGY RATIO (%): 80

STATION / OFFSET: 161+93, 82' RT.
ALIGNMENT: IR-70
ELEVATION: 1001.6 (MSL) EOB: 25.0 ft.
LAT / LONG: 39.944988, -82.758010

EXPLORATION ID B-201-0-23
PAGE 1 OF 1

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
HARD, BROWN, **SILT AND CLAY**, SOME SAND, TRACE GRAVEL, DAMP			4 5 6	15	56	SS-1	4.50	6	10	14	41	29	28	17	11	13	A-6a (7)	
			3 5 4	12	61	SS-2	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
			3 6 8	19	56	SS-3	4.50	-	-	-	-	-	-	-	-	13	A-6a (V)	
	993.6																	
MEDIUM DENSE, BROWN, **COARSE AND FINE SAND**, SOME SILT, TRACE CLAY, TRACE GRAVEL, DAMP			3 6 8	19	44	SS-4	-	5	18	45	25	7	NP	NP	NP	9	A-3a (0)	
	991.1																	
LOOSE TO DENSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, DAMP TO MOIST			3 11 12	31	33	SS-5	-	34	26	19	15	6	NP	NP	NP	6	A-1-b (0)	
			3 11 16	36	44	SS-6	-	-	-	-	-	-	-	-	-	7	A-1-b (V)	
	983.6		3 3 3	8	22	SS-7	-	-	-	-	-	-	-	-	-	14	A-1-b (V)	
LOOSE, BROWN, **GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT**, TRACE CLAY, DAMP TO MOIST			3 2 3	7	28	SS-8	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)	
			2 3 4	9	6	SS-9	-	-	-	-	-	-	-	-	-	6	A-2-4 (V)	
	976.6	EOB	2 3 3	8	11	SS-10	-	-	-	-	-	-	-	-	-	15	A-2-4 (V)	

NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE CAVED AT 17.0'. DRILLED AS STAKED.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: POURED 1.0 BAG HOLE PLUG; SHOVELED SOIL CUTTINGS

SHEET	TOTAL	SUBSET	TOTAL	PROJECT ID	REVIEWER	DESIGNER
P 2024	P 2024	206	206	96808	CH 08/21/26	RS

DESIGN AGENCY
NEAS
2800 CORPORATE EXCHANGE DR.
SUITE 240
COLUMBUS, OH. 43231
TELEPHONE: 614.714.0299
WWW.NEASINC.COM

GEOTECHNICAL PROFILE - ROADWAY
NOISE WALL J2
BORING LOGS B-200-0-23 & B-201-0-23



LOCATION MAP

LATITUDE: 39°56'08" LONGITUDE: 82°46'59"

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

STRUCTURE KEY

RESIDENTIAL
COMMERCIAL
OUT-BUILDING

RIGHT OF WAY LEGEND SHEET FAI/LIC-IR 70-0.00/0.00

STATE OF OHIO
FRANKLIN COUNTY, TRURO TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITIES OF COLUMBUS, REYNOLDSBURG & PICKERINGTON
HALF SECTION 42, TOWNSHIP 12, RANGE 21
HALF SECTIONS 24-27,31-35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

INDEX OF SHEETS:

RW LEGEND SHEET	RW.1
CENTERLINE PLAT	RW.2 - RW.20
PROPERTY MAP	RW.21 - RW.26
SUMMARY OF ADDITIONAL R/W	RW.27 - RW.31
R/W TOPO SHEETS (I.R. 70)	RW.32 - RW.174 (EVEN)
R/W BOUNDARY SHEETS (I.R. 70)	RW.33 - RW.175 (ODD)
R/W TOPO SHEETS (RAMPS & SIDE STREETS)	RW.176 - RW.216 (EVEN)
R/W BOUNDARY SHEETS (RAMPS & SIDE STREETS)	RW.177 - RW.217 (ODD)
ADDITIONAL R/W DETAIL SHEETS	RW.218 - RW.219
EASEMENT OVERLAP TABLE	RW.220

PLANS PREPARED BY:

FIRM NAME : AMERICAN STRUCTUREPOINT, INC.
R/W DESIGNER: JONATHAN B. YOUMANS
R/W REVIEWER: MICHAEL J. WARD
FIELD REVIEWER: RICHARD A. MOSELEY
PRELIMINARY FIELD REVIEW DATE: 06/24/2024
OWNERSHIP UPDATED BY: MICHAEL. W. MAYES
DATE COMPLETED: 05/19/2025
FIELD REVIEWER: RICHARD A. MOSELEY
FINAL FIELD REVIEW DATE: 05/05/2025
FINAL R/W PLAN DATE:

PROJECT DESCRIPTION

PROJECT CONSISTS OF THE IMPROVEMENT OF 3.15 MILES OF I.R. 70 INCLUDING AN ADDITIONAL THROUGH LANE IN THE EASTBOUND AND WESTBOUND DIRECTION, THE CONSTRUCTION OF A TWO-LANE COLLECTOR-DISTRIBUTOR ROAD IN THE EASTBOUND AND WESTBOUND DIRECTION, AND A NEW INTERCHANGE AT TAYLOR ROAD. PROJECT INCLUDES BRIDGE RECONSTRUCTION, RETAINING WALLS, LIGHTING, TRAFFIC SIGNAL INSTALLATION, DRAINAGE, AND TRAFFIC CONTROL.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ACD.NET
1800 N GRAND RIVER AVE
LANSING, MI 48906
ATTN: BRIAN DIETRICH
517-999-3293
DIETRICH@ACD.NET

AEP (DISTRIBUTION
777 HOPEWELL DR
HEATH, OH 43056
ATTN: PAUL PAXTON
740-348-5322
PTPAXTON@AEP.COM

AT&T OHIO
111 N FORTH ST
COLUMBUS, OH 43215
ATTN: KEVIN GLASSER
614-208-9312
KG1963@ATT.COM

BREEZELINE/WOW
3765 CORPORATE DR
COLUMBUS, OH 43231
614-948-4636
COLFR@WOWINC.COM

BRIGHTSPEED (FORMERLY LUMEN)
2025 AKRON RD
WOOSTER, OH 44691
ATTN: JEFF SCHOONOVER
740-263-2819
330-262-1128
JEFFERY.L.SCHOONOVER@BRIGHTSPEED.COM

CITY OF COLUMBUS SANITARY SEWER
1250 FAIRWOOD AVE
COLUMBUS, OH 43206
ATTN: ROB PRIESTAS
614-645-7175
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS WATER
910 DUBLIN RD
COLUMBUS, OH 43215
ATTN: JOHN NEWSOME
614-645-7020
UTILITYLEADREP@COLUMBUS.GOV

CITY OF COLUMBUS PICKERINGTON
PUBLIC SERVICE DEPARTMENT
100 LOCKVILLE RD
PICKERINGTON, OH 43147
614-641-2444

CITY OF COLUMBUS REYNOLDSBURG
WATER/WASTEWATER
7232 E MAIN ST
REYNOLDSBURG, OH 43068
ATTN: PAUL HELLMAN SUPERINTENDENT
674-322-4503
PLELLMAN@CI.REYNOLDSBURG.OH.US

COLUMBIA GAS OF OHIO
3550 JOHNNY APPLESEED CT
COLUMBUS, OH 43231
ATTN: TARA NEMCIK
614-813-1402
TNEMCIK@NISOURCE.COM

TRANSCANADA (COLUMBIA GAS TRANSMISSION)
CROSSINGS & ENCROACHMENT APPLICATIONS
700 LOUISIANA ST
SUITE 700
HUSTON, TX 77002
ATTN: 800-562-8931
US_CROSSINGS@TCENERGY.COM
US_CROSSINGS@TRANSCANADA.COM

EVERSTREAM
240 N 5TH ST #168
COLUMBUS, OH 43215
ATTN: KANN KHAY
614-354-7666
KKHAY@EVERSTREAM.COM

FAIRFIELD COUNTY UTILITIES
6670 LOCKVILLE RD
CARROLL, OH 43112
ATTN: TONY J. VOGEL
614-322-5200
740-652-7120
TONY.VOGEL@FAIRFIELDCOUNTYOHIO.GOV

KNOX ENERGY COOP (NOBLE CTY)
UTILITY PIPELINE LTD
ATTN: JOE KOMARA
330-498-9130 EXT 333
JKOMARA@UTILITYPIPELINELTD.COM

LUMEN (LEVEL 3)
RELOCATIONS@LUMEN.COM

VERIZON/MCI METRO
7575 COMMERCE CT
LEWIS CENTER, OH 43035
ATTN: BOB DERN
614-381-8852
VZ.NET.COLUMBUS@VERIZON.COM

ODOT DISTRICT 5 TRAFFIC
TRAFFIC OPERATIONS ENGINEER
9600 JACKSONTOWN RD
JACKSONTOWN, OH 43030
ATTN: BRIAN BOSCH
740-323-5182
740-616-6340
BRIAN.BOSCH@DOT.OHIO.GOV

ODOT DISTRICT 6 LIGHTING
TRAFFIC OPERATIONS ENGINEER
400 E WILLIAMS ST
DELAWARE, OH 43015
ATTN: DAVID CARLIN
740-833-8198
740-815-6015
DAVID.CARLIN@DOT.OHIO.GOV

CONVENTIONAL SYMBOLS

County Line
Section Line
Corporation Line
Fence Line (Ex) (Pr)
Center Line
Right of Way (Ex) Ex R/W
Right of Way (Pr) R/W
Limited Access Right of Way (Ex) Ex LA-R/W
Limited Access Right of Way (Pr) LA-R/W
Standard Highway Ease.(Ex) Ex SH
Temporary Right of Way TMP
Sewer Ease. (Pr) SW
Utility Ease. (Ex) Ex U
Railroad or
Guardrail (Ex) (Pr)
Construction Limits
Edge of Pavement (Ex)
Edge of Pavement (Pr)

Edge of Shoulder (Ex)
Edge of Shoulder (Pr)
Ditch / Creek (Ex)
Ditch / Creek (Pr)
Tree Line (Ex)
Ownership Hook Symbol , Example
Property Line Symbol , Example
Break Line Symbol , Example
Tree (Pr) Tree (Ex) Shrub (Ex)
Tree (Remove) , Shrub (Remove)
Evergreen (Ex) , Stump
Evergreen (Remove) , Stump (Remove)
Wetland (Pr) , Grass (Pr) , Aerial Target
Post (Ex) , Mailbox (Ex) , Mailbox (Pr)
Light (Ex) , Telephone Marker (Ex)
Fire Hydrant (Ex) , Water Meter (Ex)
Water Valve (Ex) , Utility Valve Unknown (Ex.)
Telephone Pole (Ex) , Power Pole (Ex)
Light Pole (Ex)

PARTS OF THIS IMPROVEMENT ARE ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAVE BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

PROP. EROSION CONTROL & PAVEMENT LEGEND

- *ITEM 670 - SLOPE EROSION PROTECTION MAT*
- *ITEM 836 - EROSION CONTROL WITH TURF REINFORCING MAT*
- *PAVEMENT REMOVAL*

AMERICAN STRUCTUREPOINT INC.
2550 CORPORATE EXCHANGE DR. STE 300
COLUMBUS, OH 43231
TEL 614.901.2235 FAX 614.901.2236
www.structurepoint.com

I, Michael J. Ward, P.S. have conducted a survey of the existing conditions for the Ohio Department of Transportation between October, 2022 and March, 2023. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the horizontal and vertical survey parameters used for this project. As a part of this project, I have reestablished the locations of the existing boundary lines, the existing centerline of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this project I have established the proposed boundary lines, calculated the Gross Take, present road occupied (PRO), Net Take and Net Residue herein. As a part of this work, right of way monuments will be set at the locations shown herein per the Memorandum of Understanding between the Board of Registration for Engineers and Surveyors and the Ohio Department of Transportation dated 9-22-2010. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Surveys unless so noted. The words "I and my" as used herein are to mean that either myself or someone working under my direct supervision.

Michael J. Ward
Registered Professional Surveyor No. 8846

Date:

SURVEYORS SEAL

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.1 TOTAL: RW.220

RIGHT-OF-WAY LEGEND SHEET

FAI/LIC-IR 70-0.00/0.00
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:21:02 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RL001.dgn

FAI/LIC-IR 70-0.00/0.00

FRANKLIN COUNTY, TRURO TOWNSHIP, FAIRFIELD COUNTY
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SECTION 42, TOWNSHIP 12, RANGE 21
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

SURVEYING PARAMETERS:

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: GNSS SURVEY
MONUMENT TYPE: TYPE A / TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (SOUTH ZONE)
COMBINED SCALE FACTOR: 0.99994265
ORIGIN OF COORDINATE SYSTEM: (0,0)

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

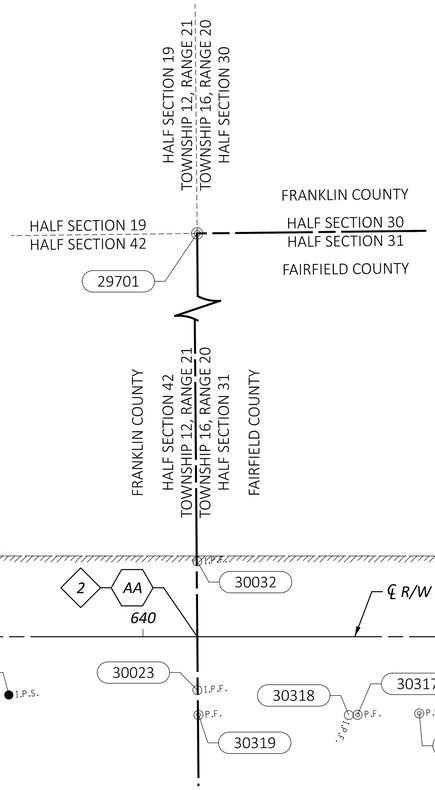
BASIS OF BEARINGS:

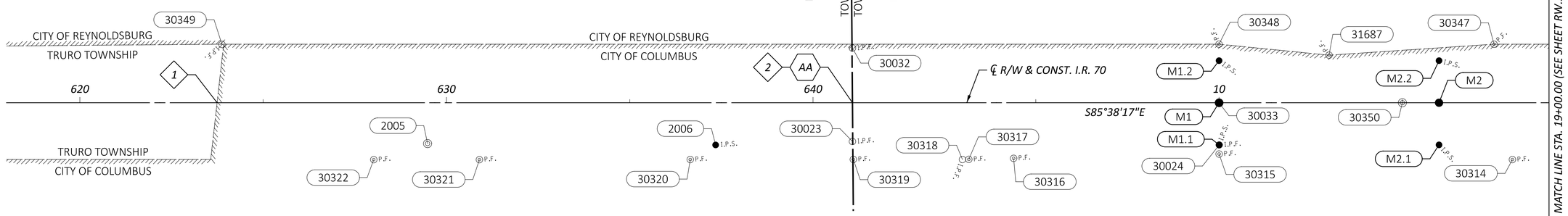
BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH, REFERENCED TO THE OHIO STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) AND THE NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT), AS ESTABLISHED UTILIZING A GNSS SURVEY AND NGS OPUS SOLUTIONS.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- AXLE AXLE FOUND
- M.N.F. MAG NAIL FOUND

HORIZONTAL SCALE IN FEET
0 75 150 300





SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING THE FOLLOWING:
FRA-70-21.29 (1965), FRA-70-22.61 (2021),
FAI-70-0.00 (1965), FAI-70-1.26 (1999),
LIC-70-0.33 (1965), ICH NO. 461 SEC. A-1 (1917),
FRA/FAI-256-0.77/0.00 (1994), FAI-256-0.50 (2014),
FAI-70-01.14 FAI-256-0.32 (1991), FAI-204-0.00 (1940),
FAI-204-0.75 (1993), FAI-204-0.00 (2018)
VARIOUS RECORD SUBDIVISION PLATS
(PLATS ARE SHOWN AND LABELED THROUGHOUT PLAN SET)
VARIOUS RECORD SURVEYS
VARIOUS RECORD DEEDS

I, Michael J. Ward, P.S. have conducted a survey of the existing conditions for the Ohio Department of Transportation between October, 2022 and March, 2023. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the vertical and horizontal survey parameters used for this project. As a part of this project, I have reestablished the locations of the existing boundary lines, the existing centerline of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this work, right of way monuments will be set at the locations shown herein per the Memorandum of Understanding between the Board of Registration for Engineers and Surveyors and the Ohio Department of Transportation dated 9-22-2010. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Surveys unless so noted.
The words "I and my" as used herein are to mean that either myself or someone working under my direct supervision.

Michael J. Ward
Registered Professional Surveyor No. 8808

Date:

SURVEYORS SEAL

RECEIVED _____ , 20 ____
RECORDED _____ , 20 ____
BOOK _____ *PAGE* _____

COUNTY RECORDER

CENTERLINE PLAT - SHEET 1 OF 19

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

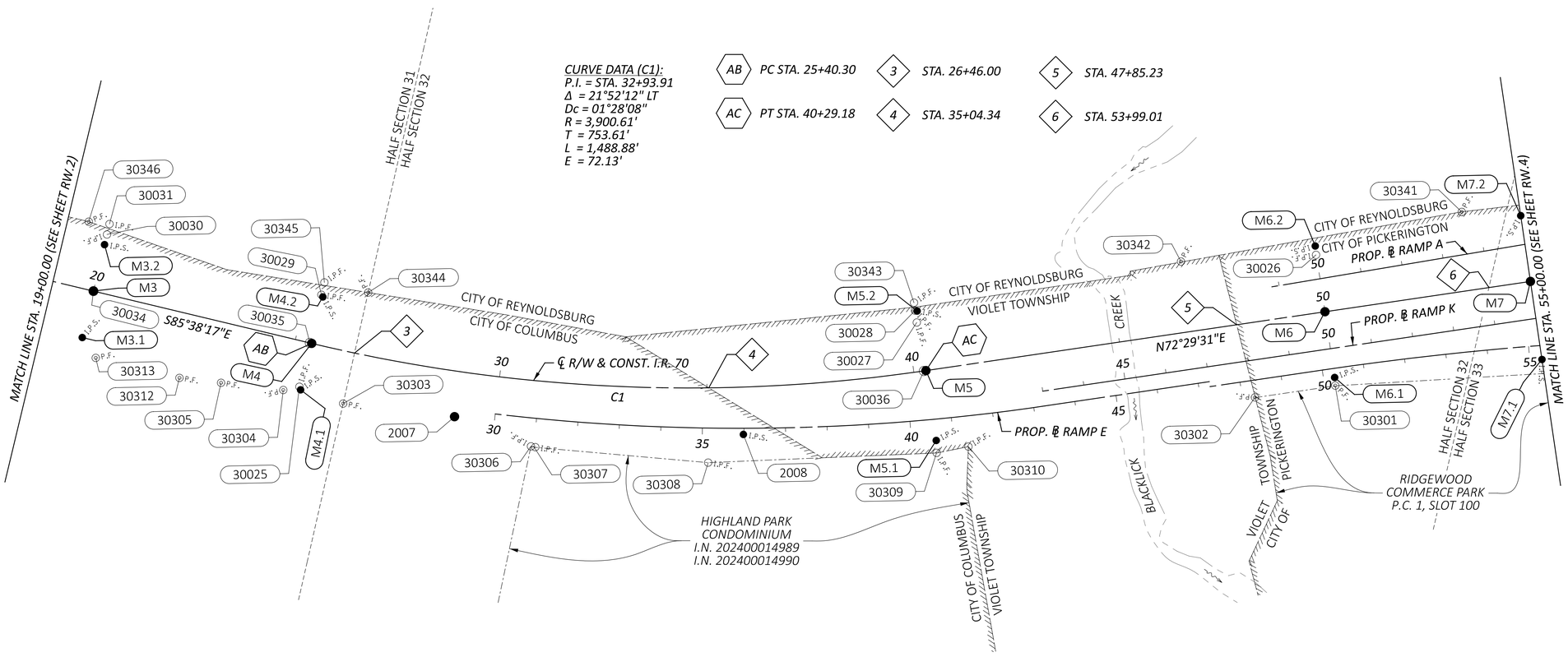
DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.1
TOTAL	CL.19
SHEET	RW.2
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC001 - Sheet PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:21:34 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC001.dgn

FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SECTIONS 31, 32 & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 2 OF 19

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

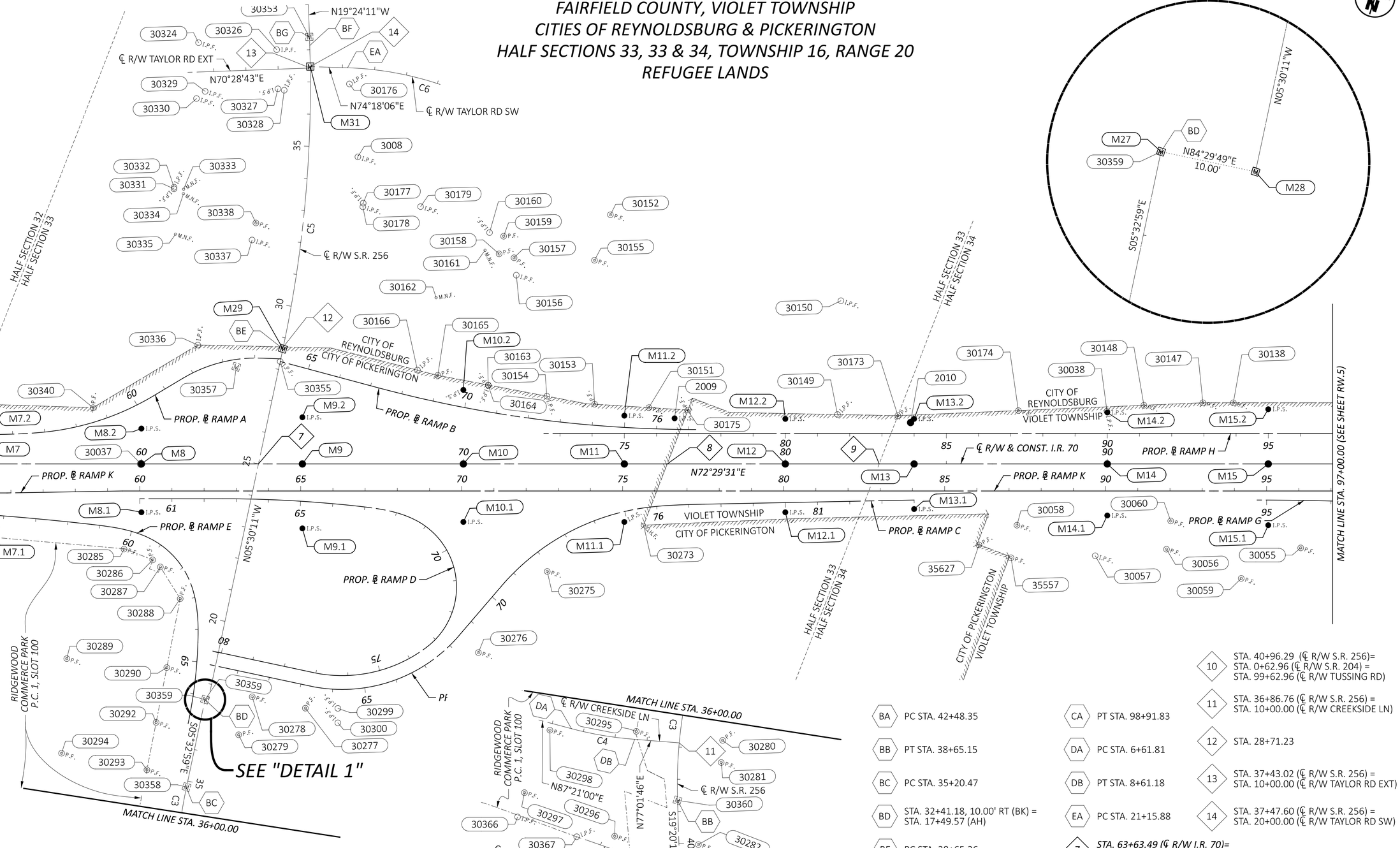
DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.2
TOTAL	CL.19
SHEET	RW.3
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC002 - Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:01:44 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC002.dgn

FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SECTIONS 33, 33 & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



DETAIL 1
(SCALE: 1" = 5')

HORIZONTAL SCALE IN FEET
0 75 150 300

CURVE DATA (C2):	CURVE DATA (C4):	CURVE DATA (C6):	CURVE DATA (C3):	CURVE DATA (C5):
P.I. = STA. 97+56.64	P.I. = STA. 7+61.78	P.I. = STA. 22+63.63	P.I. = STA. 36+93.65	P.I. = STA. 33+41.57
Δ = 02°42'16" RT	Δ = 10°34'45" LT	Δ = 16°48'33" RT	Δ = 13°47'14" LT	Δ = 13°54'00" LT
Dc = 01°00'00"	Dc = 05°18'22"	Dc = 05°43'46"	Dc = 04°00'00"	Dc = 01°28'00"
R = 5,729.58'	R = 1,079.78'	R = 1,000.00'	R = 1,432.39'	R = 3,906.53'
T = 135.25'	T = 99.97'	T = 147.75'	T = 173.18'	T = 476.20'
L = 270.44'	L = 199.37'	L = 293.37'	L = 344.68'	L = 947.73'
E = 1.6'	E = 4.62'	E = 10.86'	E = 10.43'	E = 28.92'

BA	PC STA. 42+48.35	CA	PT STA. 98+91.83
BB	PT STA. 38+65.15	DA	PC STA. 6+61.81
BC	PC STA. 35+20.47	DB	PT STA. 8+61.18
BD	STA. 32+41.18, 10.00' RT (BK) = STA. 17+49.57 (AH)	EA	PC STA. 21+15.88
BE	PC STA. 28+65.36	7	*STA. 63+63.49 (℄ R/W I.R. 70)= STA. 24+99.69 (℄ R/W S.R. 256)*
BF	PT STA. 38+13.09	8	*STA. 76+33.23*
BG	STA. 38+40.00 BK = STA. 38+00.00 AH	9	*STA. 82+91.61*
		10	STA. 40+96.29 (℄ R/W S.R. 256)= STA. 0+62.96 (℄ R/W S.R. 204) = STA. 99+62.96 (℄ R/W TUSSING RD)
		11	STA. 36+86.76 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W CREEKSIDE LN)
		12	STA. 28+71.23
		13	STA. 37+43.02 (℄ R/W S.R. 256) = STA. 10+00.00 (℄ R/W TAYLOR RD EXT)
		14	STA. 37+47.60 (℄ R/W S.R. 256) = STA. 20+00.00 (℄ R/W TAYLOR RD SW)

CENTERLINE PLAT - SHEET 3 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC
WIDEN|ASSOCIATES

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.3
TOTAL	CL.19
SHEET	RW.4
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

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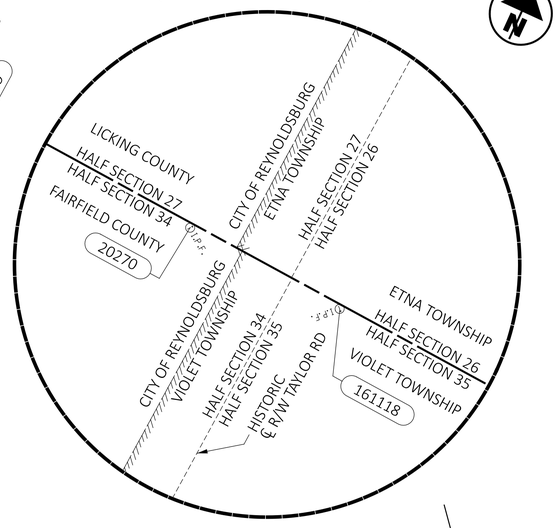
FAI/LIC-IR 70-0.00/0.00

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SECTIONS 25, 26, 27, 34 & 35
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

DETAIL 2
(SCALE: 1" = 20')



HORIZONTAL SCALE IN FEET: 0, 75, 150, 300

CENTERLINE PLAT - SHEET 4 OF 19

FRANKLIN COUNTY
HALF SECTION 28
HALF SECTION 33
FAIRFIELD COUNTY
FRANKLIN COUNTY
HALF SECTION 28
HALF SECTION 27
LICKING COUNTY
HALF SECTION 33
HALF SECTION 34
LICKING COUNTY
HALF SECTION 27
HALF SECTION 34
FAIRFIELD COUNTY
30146
℄ R/W TAYLOR RD SW
N58°35'00"E
5
10
C12
FA
20
30139
30140
30141
30142
HISTORIC ℄ R/W TAYLOR RD
SEE "DETAIL 2"
DEXTER HEIGHTS
P.B. 8, PG. 9
MATCH LINE "A"
(SEE THIS SHEET)
30040
11443
11442
22
℄ R/W RELOCATED TAYLOR RD
N03°50'07"E
170078
19
FD
55
N03°50'07"E
PROP ℄ R/W
& CONST. TAYLOR RD
12014
21
15
C13
ZB
C11
HH
50
30041
N44°54'14"E
M47
FB
FC
ZA
℄ CONST.
TAYLOR RD SW
C12
20686
C30
20422
20556
20423
N86°06'17"E
55.79'
N07°38'23"W
170077
M45
M44
HG
M44
HF
18
C10
M42
HE
45
30181
161123
30180
HISTORIC ℄ R/W TAYLOR RD 35 N03°50'07"E ℄ R/W RELOCATED TAYLOR RD
HALF SECTION 27
HALF SECTION 26
30039
MATCH LINE "A"
(SEE THIS SHEET)
30136
30135
30137
30134
M16.2
PROP. ℄ RAMP H
M17.2
M18.2
30132
20140
20166
30131
20038
20149
30182
30183
30184
30171
30170
30185
30172
2011
2012
30187
30188
M20.2
M20
AE
140
N50°10'14"E
30005
30003
M20.1
30004
32939
30126
135
130
125
120
115
110
105
100
M16
PROP. ℄ RAMP K
M17
N72°29'31"E
M18
PROP. ℄ RAMP G
M16.1
30167
30130
30168
30169
161124
30021
M19.2
PROP. ℄ RAMP I
C7
℄ R/W & CONST. I.R. 70
15
16
AD
M19.1
30061
30042
30053
30044
M17.1
30043
2000
30045
30046
30047
M39
HB
30
C8
N17°30'42"E
HISTORIC ℄ R/W TAYLOR RD
C9
35
HC
M40
HD
M41
30063
30062
30064
26199
HALF SECTION 34
HALF SECTION 35
M18.1
N03°39'46"E
40
PROP ℄ R/W
& CONST. TAYLOR RD
30071
30116
30002
30125
30117
30118
30119
30121
17
30123
30124
30122
30120
PROP. ℄ RAMP J
THE PRESERVE AT HAAF FARMS
I.N. 201609060019053
HAAF FARM
SECTION 6 PART 1
P.C. 2, SLOT 41
HAAF FARM
SECTION 6 PART 2
P.C. 2, SLOT 77
HAAF FARM
SECTION 7
P.C. 2, SLOT 96
HALF SECTION 26
HALF SECTION 35
HALF SECTION 26
HALF SECTION 25
30103
30104
30102
30107
30106
30100
30105
30101
30099
30108
30068
30070
30069
30097
30096
30098
30078
30067
30072
30066
30081
30079
30095
30093
30080
30082
30083
30092
30094
MATCH LINE STA. 97+00.00 (SEE SHEET RW.4)
MATCH LINE STA. 141+00.00 (SEE SHEET RW.6)
MATCH LINE STA. 29+50.00 (SEE SHEET RW.8)

CURVE DATA (C7):
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'
E = 110.44'

CURVE DATA (C8):
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.4'
L = 245.65'
E = 7.28'

CURVE DATA (C9):
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'
E = 7.65'

CURVE DATA (10):
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'
E = 5.09'

CURVE DATA (C11):
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'
E = 5.25'

CURVE DATA (C12):
P.I. = STA. 11+48.14
Δ = 13°40'46" LT
Dc = 05°50'37"
R = 980.46'
T = 117.60'
L = 234.09'
E = 7.03'

CURVE DATA (C13):
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'
E = 67.85'

CURVE DATA (C30):
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'
E = 24.81'

FA	PC STA. 10+30.54	*AE*	*PT STA. 137+85.08*	*HF*	*PT STA. 47+19.03*
FB	PT STA. 12+64.63	*HB*	*PT STA. 30+12.57*	*HG*	*PC STA. 50+31.92*
FC	PC STA. 13+00.00	*HC*	*PC STA. 32+74.23*	*HH*	*PT STA. 52+40.56*
FD	PT STA. 20+16.78	*HD*	*PT STA. 35+26.02*	*ZA*	*PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) = STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)*
AD	*PC STA. 115+53.01*	*HE*	*PC STA. 45+13.53*	*ZB*	*PT STA. 15+19.00*

15	*STA. 111+60.43*	20	STA. 7+55.86
16	*STA. 112+93.76 (℄ R/W I.R. 70) = STA. 41+15.09 (PROP. ℄ R/W TAYLOR RD)*	21	STA. 16+58.75
17	*STA. 125+59.67*	22	STA. 18+18.98
18	*STA. 46+56.98*		

19	*STA. 56+64.51 (PROP. ℄ R/W TAYLOR RD)= STA. 20+16.78 (℄ R/W TAYLOR RD SW)= STA. 20+16.78 (℄ R/W RELOCATED TAYLOR RD)*
50	*STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)*

DESIGN AGENCY: MARSHALL & GOODMAN STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.4
TOTAL	CL.19
SHEET	RW.5
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

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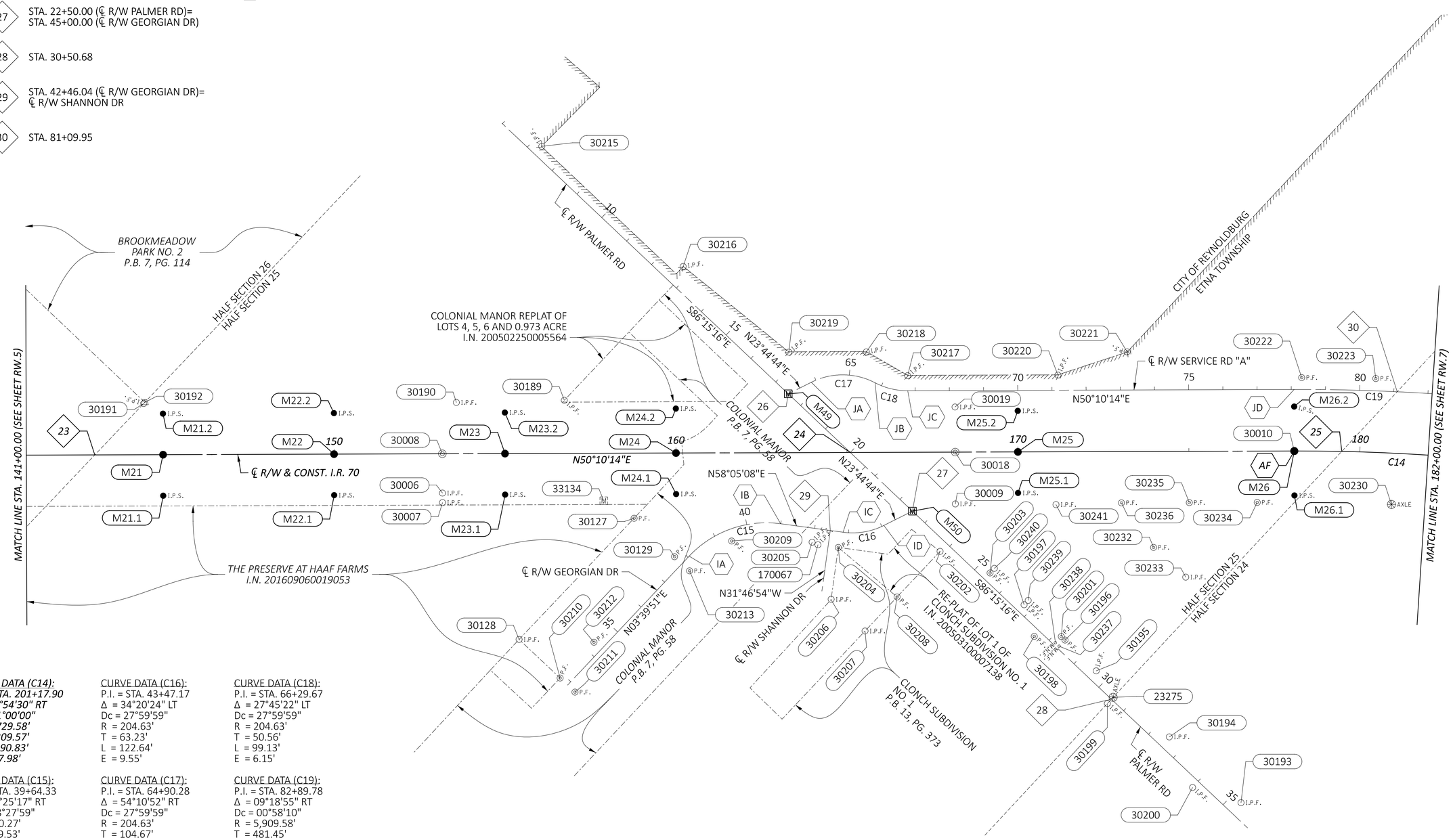
FAI/LIC-IR 70-0.00/0.00

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 24, 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

- *23 — STA. 143+00.32*
- *24 — STA. 165+09.82 (℄ R/W I.R. 70)= STA. 20+00.00 (℄ R/W PALMER RD)*
- *25 — STA. 179+47.05*
- 26 — STA. 17+50.31 (℄ R/W PALMER RD)= STA. 63+10.07 (℄ R/W SERVICE RD "A")
- 27 — STA. 22+50.00 (℄ R/W PALMER RD)= STA. 45+00.00 (℄ R/W GEORGIAN DR)
- 28 — STA. 30+50.68
- 29 — STA. 42+46.04 (℄ R/W GEORGIAN DR)= ℄ R/W SHANNON DR
- 30 — STA. 81+09.95

- *AF — PC STA. 178+08.33*
- IA — PC STA. 38+04.80
- IB — PT STA. 40+99.51
- IC — PC STA. 42+83.94
- ID — PT STA. 44+06.59

- JA — PC STA. 63+85.60
- JB — PRC STA. 65+79.11
- JC — PT STA. 66+78.24
- JD — PC STA. 78+08.33



CURVE DATA (C14):
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'

CURVE DATA (C15):
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.7'
E = 38.61'

CURVE DATA (C16):
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'
E = 9.55'

CURVE DATA (C17):
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'
E = 25.22'

CURVE DATA (C18):
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'
E = 6.15'

CURVE DATA (C19):
P.I. = STA. 82+89.78
Δ = 09°18'55" RT
Dc = 00°58'10"
R = 5,909.58'
T = 481.45'
L = 960.79'
E = 19.58'

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 5 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.5
TOTAL	CL.19
SHEET	RW.6
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

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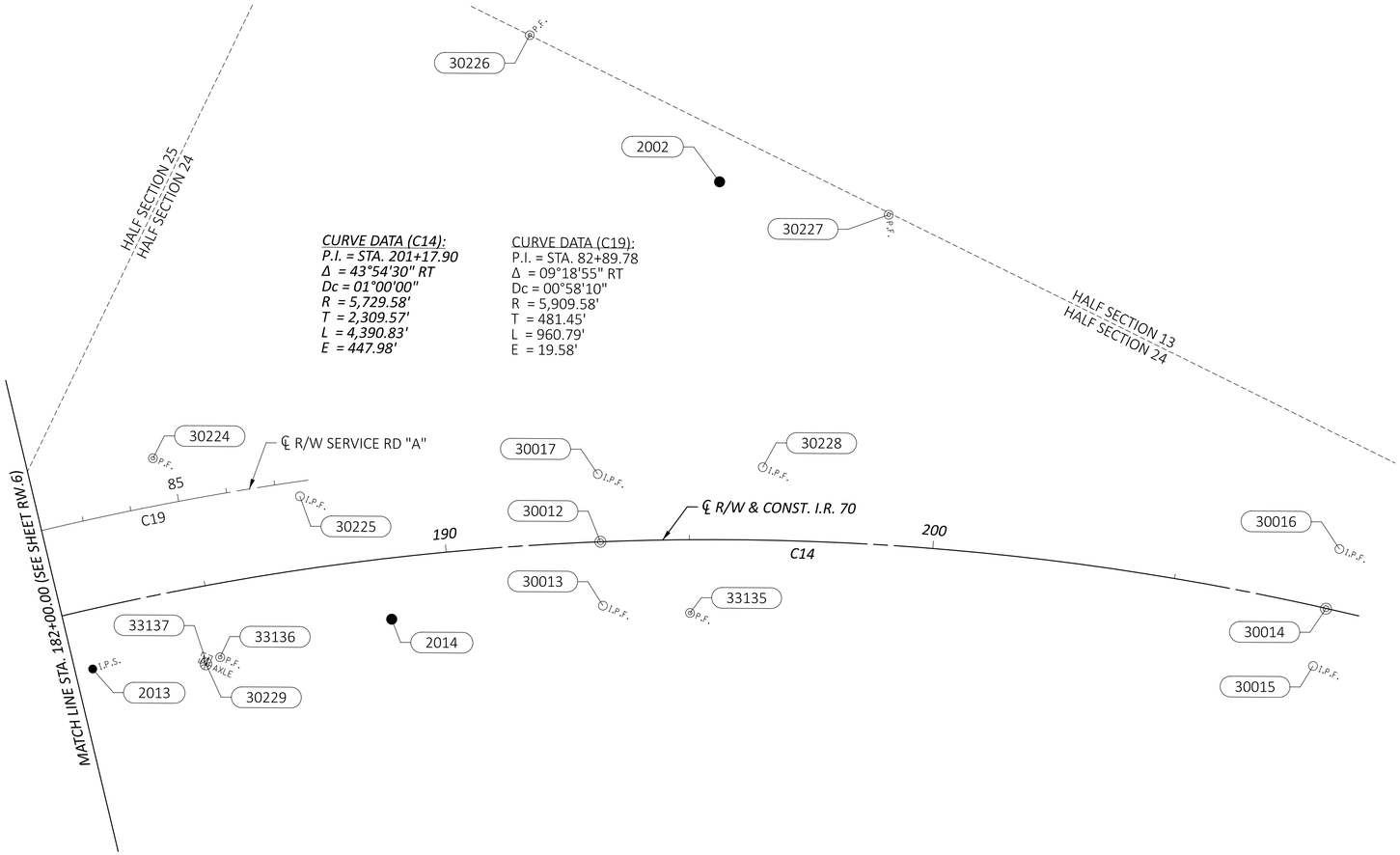
FAI/LIC-IR 70-0.00/0.00

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 13, 24 & 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



CURVE DATA (C14):
P.I. = STA. 201+17.90
Δ = 43°54'30" RT
Dc = 01°00'00"
R = 5,729.58'
T = 2,309.57'
L = 4,390.83'
E = 447.98'

CURVE DATA (C19):
P.I. = STA. 82+89.78
Δ = 09°18'55" RT
Dc = 00°58'10"
R = 5,909.58'
T = 481.45'
L = 960.79'
E = 19.58'

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 6 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET / TOTAL	CL.6 / CL.19
SHEET / TOTAL	RW.7 / RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC006 - Sheet PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:23:09 PM USER: mmayes
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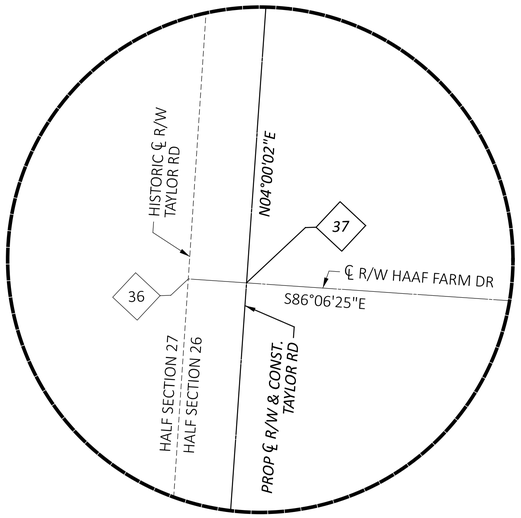
FAI/LIC-IR 70-0.00/0.00

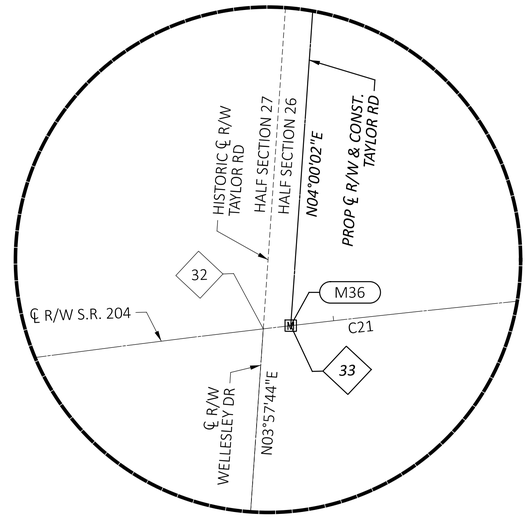
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 26 & 27, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

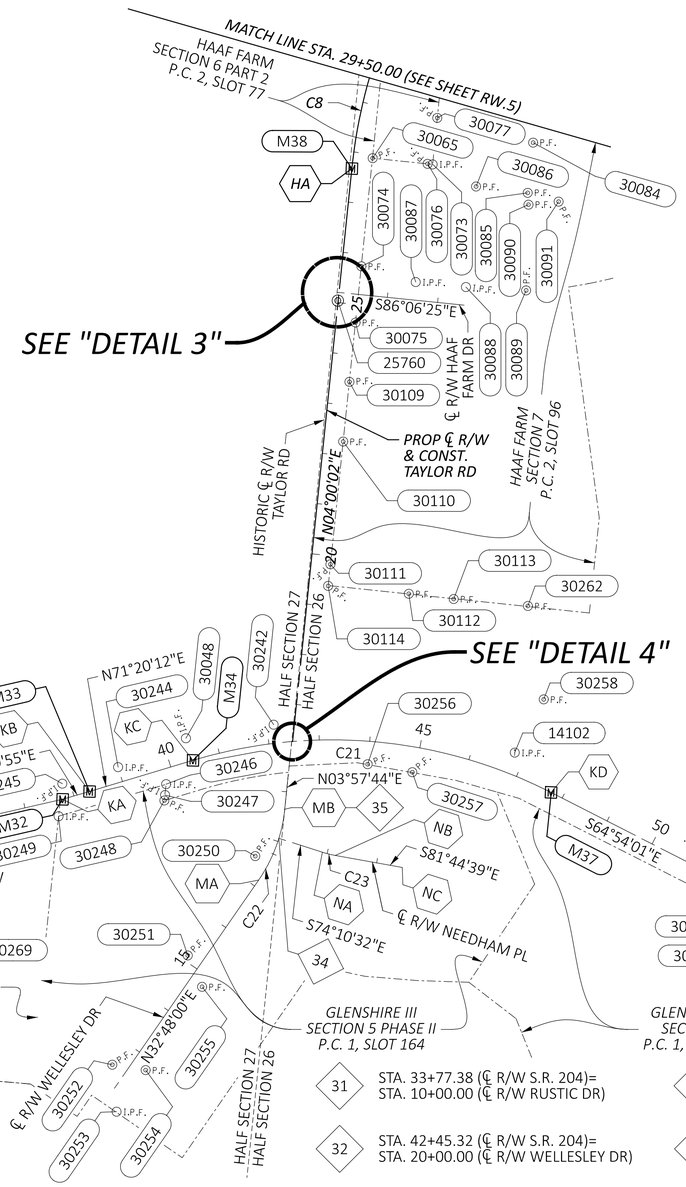
HORIZONTAL SCALE IN FEET
0 75 150 300

DETAIL 3
(SCALE: 1" = 5')



DETAIL 4
(SCALE: 1" = 5')





CURVE DATA (C8):
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.4'
L = 245.65'
E = 7.28'

CURVE DATA (C20):
P.I. = STA. 6+23.73
Δ = 90°00'00" LT
Dc = 13°00'57"
R = 440.20'
T = 440.20'
L = 691.47'
E = 182.34'

CURVE DATA (C21):
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'
E = 74.14'

CURVE DATA (C22):
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'
E = 9.76'

CURVE DATA (C23):
P.I. = STA. 1+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'
E = 0.44'

CURVE DATA (C24):
P.I. = STA. 53+63.62
Δ = 29°39'36" LT
Dc = 06°00'00"
R = 954.93'
T = 252.84'
L = 494.33'
E = 32.91'

- HA — *PC STA. 27+66.91*
- KA — PI STA. 37+76.48
- KB — PI STA. 38+32.09
- KC — PC STA. 40+45.97
- KD — PT STA. 47+75.35
- KE — PC STA. 51+10.79
- KF — PT STA. 56+05.12
- LA — PT STA. 8+75.00
- MA — PC STA. 17+14.18
- MB — PT STA. 18+65.17
- NA — PC STA. 0+90.41
- NB — PT STA. 1+16.83
- NC — PI STA. 2+51.51

- 31 — STA. 33+77.38 (℄ R/W S.R. 204)= STA. 10+00.00 (℄ R/W RUSTIC DR)
- 32 — STA. 42+45.32 (℄ R/W S.R. 204)= STA. 20+00.00 (℄ R/W WELLESLEY DR)
- 33 — *STA. 16+26.48 (PROP ℄ R/W TAYLOR RD)= STA. 42+47.15 (℄ R/W S.R. 204)*
- 34 — STA. 18+06.48 (℄ R/W WELLESLEY DR)= STA. 00+00.00 (℄ R/W NEEDHAM PL)
- 35 — STA. 18+65.17
- 36 — STA 30+00.00
- 37 — *STA. 25+20.22 (PROP R/W TAYLOR RD)= STA. 30+03.85 (℄ R/W HAAF FARM DR)*

CENTERLINE PLAT - SHEET 7 OF 19

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET	CL.7
TOTAL	CL.19
SHEET	RW.8
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC007 - Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:10:27 PM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

HORIZONTAL PRIMARY PROJECT CONTROL MONUMENTS

Station Offset (From CL R/W IR-70)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description	
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description
105+66.36	443.30' RT	705293.766	1891611.536	214961.641	576531.283	2000	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 42-07" SET IN CONCRETE MONUMENT
N/A	*N/A*	705643.138	1903926.437	215068.124	580284.657	2001	ALUMINUM CAP STAMPED "FAIRFIELD COUNTY AUDITOR GPS STATION VI 03 1991" FOUND IN CONCRETE MONUMENT (NGS JY1737)
195+59.70	734.08' LT	711233.839	1898670.374	216772.075	578682.698	2002	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 52-07" SET IN CONCRETE MONUMENT
N/A	*N/A*	702832.051	1875827.587	214211.352	571720.602	2003	ALUMINUM CAP STAMPED "PRIMARY PROJECT CONTROL 3 BARR & PREVOST" FOUND IN CONCRETE MONUMENT
N/A	*N/A*	699178.923	1879411.426	213097.940	572812.896	2004	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 43-07" SET IN CONCRETE MONUMENT
629+48.53	111.49' RT	703750.652	1880076.735	214491.326	573015.671	2005	ALUMINUM CAP STAMPED "ODOT 10 70-16-7" FOUND IN CONCRETE MONUMENT
637+34.22	115.21' RT	703687.187	1880859.863	214471.983	573254.355	2006	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 44-07" SET IN CONCRETE MONUMENT
29+06.08	109.12' RT	703460.683	1884141.118	214402.948	574254.426	2007	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 45-07" SET IN CONCRETE MONUMENT
35+84.10	113.98' RT	703528.561	1884834.360	214423.636	574465.714	2008	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 46-07" SET IN CONCRETE MONUMENT
76+56.01	141.75' LT	704976.162	1888660.009	214864.841	575631.708	2009	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 54-07" SET IN CONCRETE MONUMENT
83+89.09	128.57 LT	705184.134	1889363.092	214928.227	575845.996	2010	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 51-07" SET IN CONCRETE MONUMENT
129+97.67	128.33' LT	706725.034	1893659.881	215397.867	577155.584	2011	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 50-07" SET IN CONCRETE MONUMENT
138+31.32	108.10' LT	707190.047	1894331.471	215539.596	577360.274	2012	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 49-07" SET IN CONCRETE MONUMENT
182+36.85	120.41' RT	709818.267	1897863.900	216340.633	578436.898	2013	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 48-07" SET IN CONCRETE MONUMENT
188+72.90	125.09' RT	710147.326	1898391.870	216440.924	578597.815	2014	3/4" IRON PIN WITH ALUMINUM CAP STAMPED "STRUCTUREPOINT, INC. ODOT REF. MON. N 47-07" SET IN CONCRETE MONUMENT

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING CENTERLINE MONUMENTS											
10+00.15	0.11' RT	703697.504	1882238.012	214475.127	573674.391	30033	CONCRETE MONUMENT FOUND				
15+00.02	0.15' LT	703659.742	1882736.451	214463.618	573826.307	30350	CONCRETE MONUMENT FOUND				
20+00.03	0.03' LT	703621.597	1883235.007	214451.992	573978.259	30034	CONCRETE MONUMENT FOUND				
25+35.84	0.07' RT	703580.749	1883769.250	214439.542	574141.087	30035	CONCRETE MONUMENT FOUND				
40+24.33	0.22' RT	703748.211	1885239.273	214490.582	574589.125	30036	CONCRETE MONUMENT FOUND				
59+98.46	0.19' LT	704342.499	1887121.832	214671.711	575162.897	30037	CONCRETE MONUMENT FOUND				
137+84.68	0.07' RT	707077.105	1894364.936	215505.173	577370.473	30005	CONCRETE MONUMENT FOUND				
153+16.74	0.08' LT	708058.511	1895541.385	215804.289	577729.035	30008	CONCRETE MONUMENT FOUND				
168+16.59	0.10' LT	709019.183	1896693.194	216097.085	578080.087	30018	CONCRETE MONUMENT FOUND				
178+08.33	0.10' RT	709654.245	1897454.930	216290.642	578312.251	30010	CONCRETE MONUMENT FOUND				
193+17.33	0.01' LT	710458.000	1898726.893	216535.612	578699.924	30012	CONCRETE MONUMENT FOUND				
208+16.95	0.71' RT	710900.506	1900155.172	216670.481	579135.239	30014	CONCRETE MONUMENT FOUND				
PROPOSED CENTERLINE MONUMENTS											
10+00.00	0.00'	703697.625	1882237.868	214475.164	573674.347	M1	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703812.292	1882246.614	214510.113	573677.013	M1.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703582.958	1882229.121	214440.216	573671.682	M1.1	3/4" IRON PIN SET (REFERENCE)		1		
16+00.00	0.00'	703651.992	1882836.130	214461.256	573856.688	M2	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703766.659	1882844.876	214496.205	573859.353	M2.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703537.325	1882827.384	214426.307	573854.022	M2.1	3/4" IRON PIN SET (REFERENCE)		1		
20+00.00	0.00'	703621.569	1883234.971	214451.984	573978.248	M3	CONCRETE MONUMENT SET (POT)	1			
	115.00' LT	703736.236	1883243.718	214486.932	573980.914	M3.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703506.903	1883226.225	214417.035	573975.582	M3.1	3/4" IRON PIN SET (REFERENCE)		1		

HORIZONTAL SCALE IN FEET
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CENTERLINE PLAT - SHEET 8 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SUBSET / TOTAL	CL.8 / CL.19
SHEET / TOTAL	RW.9 / RW.220

FAI/LIC-IR 70-0.00/0.00

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CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED CENTERLINE MONUMENTS (CONTINUED)											
	0.00'	703580.476	1883773.711	214439.459	574142.447	M4	CONCRETE MONUMENT SET (PC)	1			
25+40.30	115.00' LT	703695.143	1883782.457	214474.408	574145.112	M4.2	3/4" IRON PIN SET (REFERENCE)		1		
	115.00' RT	703465.809	1883764.964	214404.511	574139.781	M4.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	703749.877	1885243.836	214491.090	574590.516	M5	CONCRETE MONUMENT SET (PT)	1			
40+29.18	145.00' LT	703888.160	1885200.214	214533.236	574577.221	M5.2	3/4" IRON PIN SET (REFERENCE)		1		
	170.00' RT	703587.752	1885294.979	214441.677	574606.103	M5.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704041.939	1886169.683	214580.105	574872.698	M6	CONCRETE MONUMENT SET (POT)	1			
50+00.00	160.00' LT	704194.527	1886121.548	214626.612	574858.028	M6.2	3/4" IRON PIN SET (REFERENCE)		1		
	160.00' RT	703889.351	1886217.817	214533.599	574887.369	M6.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704192.360	1886646.520	214625.951	575018.030	M7	CONCRETE MONUMENT SET (POT)	1			
55+00.00	160.00' LT	704344.947	1886598.386	214672.457	575003.360	M7.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	704011.161	1886703.680	214570.725	575035.452	M7.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704342.780	1887123.357	214671.797	575163.362	M8	CONCRETE MONUMENT SET (POT)	1			
60+00.00	110.00' LT	704447.684	1887090.265	214703.770	575153.276	M8.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704199.729	1887168.483	214628.197	575177.116	M8.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704493.200	1887600.194	214717.642	575308.694	M9	CONCRETE MONUMENT SET (POT)	1			
65+00.00	110.00' LT	704631.483	1887556.573	214759.788	575295.399	M9.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704302.465	1887660.363	214659.509	575327.032	M9.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704643.621	1888077.032	214763.488	575454.026	M10	CONCRETE MONUMENT SET (POT)	1			
70+00.00	230.00' LT	704862.966	1888007.838	214830.340	575432.937	M10.2	3/4" IRON PIN SET (REFERENCE)		1		
	180.00' RT	704471.959	1888131.183	214711.168	575470.530	M10.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704794.041	1888553.869	214809.333	575599.358	M11	CONCRETE MONUMENT SET (POT)	1			
75+00.00	150.00' LT	704937.092	1888508.743	214852.933	575585.604	M11.2	3/4" IRON PIN SET (REFERENCE)		1		
	180.00' RT	704622.380	1888608.020	214757.014	575615.862	M11.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	704944.461	1889030.706	214855.179	575744.690	M12	CONCRETE MONUMENT SET (POT)	1			
80+00.00	140.00' LT	705077.976	1888988.588	214895.872	575731.853	M12.2	3/4" IRON PIN SET (REFERENCE)		1		
	150.00' RT	704801.410	1889075.832	214811.579	575758.444	M12.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705064.798	1889412.176	214891.855	575860.956	M13	CONCRETE MONUMENT SET (POT)	1			
84+00.00	140.00' LT	705198.312	1889370.058	214932.548	575848.119	M13.2	3/4" IRON PIN SET (REFERENCE)		1		
	140.00' RT	704931.283	1889454.294	214851.162	575873.792	M13.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705245.302	1889984.380	214946.870	576035.354	M14	CONCRETE MONUMENT SET (POT)	1			
90+00.00	160.00' LT	705397.890	1889936.246	214993.376	576020.683	M14.2	3/4" IRON PIN SET (REFERENCE)		1		
	160.00' RT	705092.714	1890032.515	214900.364	576050.024	M14.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705395.722	1890461.218	214992.716	576180.686	M15	CONCRETE MONUMENT SET (POT)	1			
95+00.00	170.00' LT	705557.847	1890410.075	215042.129	576165.098	M15.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	705214.524	1890518.377	214937.489	576198.107	M15.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705546.143	1890938.055	215038.561	576326.018	M16	CONCRETE MONUMENT SET (POT)	1			
100+00.00	140.00' LT	705679.657	1890895.937	215079.254	576313.181	M16.2	3/4" IRON PIN SET (REFERENCE)		1		
	190.00' RT	705364.945	1890995.215	214983.335	576343.439	M16.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705696.563	1891414.892	215084.407	576471.350	M17	CONCRETE MONUMENT SET (POT)	1			
105+00.00	150.00' LT	705839.614	1891369.766	215128.006	576457.596	M17.2	3/4" IRON PIN SET (REFERENCE)		1		
	270.00' RT	705439.071	1891496.119	215005.928	576496.106	M17.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	705816.899	1891796.362	215121.083	576587.615	M18	CONCRETE MONUMENT SET (POT)	1			
109+00.00	200.00' LT	706007.634	1891736.194	215179.216	576569.277	M18.2	3/4" IRON PIN SET (REFERENCE)		1		
	275.00' RT	705554.639	1891879.093	215041.151	576612.830	M18.1	3/4" IRON PIN SET (REFERENCE)		1		
115+53.01	100.00' LT	706108.719	1892389.037	215210.025	576768.253	M19.2	3/4" IRON PIN SET (REFERENCE TO PC)		1		
	100.00' RT	705917.984	1892449.206	215151.892	576786.591	M19.1	3/4" IRON PIN SET (REFERENCE TO PC)		1		
	0.00'	707077.420	1894365.199	215505.269	577370.553	M20	CONCRETE MONUMENT SET (PT)	1			
137+85.08	120.00' LT	707169.575	1894288.339	215533.356	577347.128	M20.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	706985.265	1894442.060	215477.181	577393.979	M20.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	707535.326	1894914.221	215644.831	577537.886	M21	CONCRETE MONUMENT SET (POT)	1			
145+00.00	120.00' LT	707627.481	1894837.361	215672.918	577514.460	M21.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	707443.172	1894991.082	215616.744	577561.312	M21.1	3/4" IRON PIN SET (REFERENCE)		1		
	0.00'	707855.579	1895298.199	215742.438	577654.916	M22	CONCRETE MONUMENT SET (POT)	1			
150+00.00	120.00' LT	707947.733	1895221.338	215770.525	577631.490	M22.2	3/4" IRON PIN SET (REFERENCE)		1		
	120.00' RT	707763.424	1895375.059	215714.351	577678.342	M22.1	3/4" IRON PIN SET (REFERENCE)		1		

HORIZONTAL SCALE IN FEET
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CENTERLINE PLAT - SHEET 9 OF 19

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SUBSET CL.9 | TOTAL CL.19

SHEET RW.10 | TOTAL RW.220

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CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED CENTERLINE MONUMENTS (CONTINUED)											
155+00.00	0.00'	708175.831	1895682.176	215840.046	577771.946	M23	CONCRETE MONUMENT SET (POT)	**1**			
	120.00' LT	708267.985	1895605.315	215868.133	577748.520	M23.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	708083.676	1895759.036	215811.959	577795.371	M23.1	3/4" IRON PIN SET (REFERENCE)		**1**		
160+00.00	0.00'	708496.083	1896066.153	215937.653	577888.975	M24	CONCRETE MONUMENT SET (POT)	**1**			
	130.00' LT	708595.917	1895982.888	215968.081	577863.598	M24.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	708403.928	1896143.014	215909.566	577912.401	M24.1	3/4" IRON PIN SET (REFERENCE)		**1**		
170+00.00	0.00'	709136.587	1896834.108	216132.868	578123.035	M25	CONCRETE MONUMENT SET (POT)	**1**			
	120.00' LT	709228.742	1896757.247	216160.955	578099.609	M25.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	120.00' RT	709044.433	1896910.968	216104.781	578146.461	M25.1	3/4" IRON PIN SET (REFERENCE)		**1**		
178+08.33	0.00'	709654.323	1897454.865	216290.665	578312.231	M26	CONCRETE MONUMENT SET (PC)	**1**			
	130.00' LT	709754.157	1897371.599	216321.093	578286.853	M26.2	3/4" IRON PIN SET (REFERENCE)		**1**		
	130.00' RT	709554.489	1897538.130	216260.238	578337.609	M26.1	3/4" IRON PIN SET (REFERENCE)		**1**		
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
N/A	*N/A*	707178.620	1881473.597	215536.113	573441.411	29701	DRILL HOLE ON AN ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 9972" FOUND IN A CONCRETE MONUMENT				
N/A	*N/A*	706838.666	1886729.653	215432.501	575043.368	35368	ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 9973" FOUND IN A CONCRETE MONUMENT				
N/A	*N/A*	706663.972	1889411.913	215379.257	575860.875	30146	ALUMINUM DISK STAMPED "FRANKLIN COUNTY OHIO GEODETIC SURVEY MARK 2219" FOUND IN A CONCRETE MONUMENT				
623+87.53	159.43' LT	704063.453	1879537.965	214586.662	572851.463	30349	1" BENT IRON PIN FOUND				
628+01.68	155.38' RT	703718.059	1879926.966	214481.392	572970.024	30322	3/4" IRON PIPE FOUND				
636+65.01	155.04' RT	703652.735	1880787.821	214461.483	573232.398	30320	3/4" IRON PIPE FOUND				
630+89.91	155.31' RT	703696.205	1880214.371	214474.731	573057.620	30321	3/4" IRON PIPE FOUND				
641+07.40	149.30' LT	703922.552	1881252.079	214543.718	573373.896	30032	1/2" IRON PIN FOUND				
00+00.03	105.78' RT	703668.208	1881232.748	214466.198	573368.004	30023	1/2" IRON PIN FOUND				**1**
00+02.40	154.75' RT	703619.201	1881231.383	214451.262	573367.588	30319	3/4" IRON PIPE FOUND				
03+00.11	154.94' RT	703596.363	1881528.222	214444.301	573458.059	30318	PINCHED IRON PIN FOUND				**1**
03+17.41	154.58' RT	703595.409	1881545.497	214444.011	573463.324	30317	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
04+39.55	151.75' RT	703588.945	1881667.500	214442.040	573500.509	30316	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
09+99.92	160.06' LT	703857.230	1882249.958	214523.809	573678.032	30348	3/4" IRON PIPE FOUND				
10+00.10	140.04' RT	703557.980	1882227.318	214432.603	573671.132	30315	3/4" IRON PIPE FOUND				
10+00.50	115.25' RT	703582.674	1882229.601	214440.129	573671.828	30024	1/2" BENT IRON PIN FOUND				
13+00.06	130.06' LT	703804.489	1882546.946	214507.735	573768.549	31687	3/4" IRON PIPE FOUND				
17+50.09	159.90' LT	703800.017	1882997.948	214506.372	573906.007	30347	3/4" IRON PIPE FOUND				**1**
18+00.18	155.08' RT	703482.137	1883023.935	214409.487	573913.927	30314	3/4" IRON PIPE FOUND				**1**
19+50.07	159.94' LT	703784.840	1883197.348	214501.746	573966.781	30346	1/2" IRON PIPE FOUND				
20+00.01	140.20' LT	703761.367	1883245.644	214494.592	573981.501	30030	1/2" IRON PIN FOUND				
20+00.04	166.12' LT	703787.207	1883247.648	214502.467	573982.111	30031	1/2" IRON PIN FOUND				
20+42.90	155.11' RT	703463.651	1883265.952	214403.853	573987.690	30313	3/4" IRON PIPE FOUND				
22+50.10	154.94' RT	703448.053	1883472.560	214399.099	574050.661	30312	1/2" IRON PIPE FOUND				
23+50.17	143.12' RT	703452.234	1883573.243	214400.373	574081.347	30305	3/4" IRON PIPE FOUND				
24+99.90	125.13' RT	703458.783	1883723.910	214402.369	574127.268	30304	3/4" IRON PIPE FOUND				
25+35.74	119.29' LT	703699.772	1883778.229	214475.819	574143.824	30029	1/2" BENT IRON PIN FOUND				
25+35.84	149.80' LT	703730.180	1883780.647	214485.086	574144.560	30345	5/8" IRON PIN FOUND				
25+35.84	108.39' RT	703472.737	1883761.019	214406.622	574138.578	30025	1/2" IRON PIN FOUND				
26+44.35	124.72' RT	703449.377	1883871.384	214399.502	574172.216	30303	1/2" IRON PIPE FOUND				**1**
26+48.12	149.30' LT	703722.888	1883888.546	214482.864	574177.446	30344	1/2" IRON PIPE FOUND				
30+90.78	158.43' RT	703419.318	1884334.007	214390.341	574313.215	30306	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				**1**
31+01.00	159.42' RT	703419.033	1884344.691	214390.254	574316.472	30307	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				**1**
35+01.01	179.93' RT	703448.191	1884761.403	214399.141	574443.478	30308	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
40+24.12	146.85' LT	703888.462	1885195.015	214533.328	574575.636	30028	1/2" IRON PIN FOUND				
40+24.17	117.83' LT	703860.786	1885203.754	214524.893	574578.299	30027	1/2" IRON PIN FOUND				
40+24.50	165.88' LT	703906.727	1885189.656	214538.895	574574.003	30343	5/8" IRON PIN FOUND				
40+25.86	199.71' RT	703558.369	1885300.584	214432.721	574607.812	30309	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
41+03.58	195.91' RT	703585.424	1885373.729	214440.967	574630.105	30310	5/8" IRON PIN FOUND W/ CAP "MILLMAN"				
46+74.85	170.16' LT	704106.396	1885808.402	214599.751	574762.586	30342	3/4" IRON PIPE FOUND				
48+03.20	179.45' RT	703811.594	1886035.991	214509.900	574831.951	30302	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				**1**
49+98.54	179.51' RT	703870.307	1886222.292	214527.795	574888.733	30301	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 10 OF 19

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.10 TOTAL CL.19
SHEET RW.11 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC010-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:30:06 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RC010.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
49+98.78	138.62' LT	704173.772	1886126.821	214620.286	574859.635	30026	1/2" IRON PIN FOUND				
53+60.86	189.67' LT	704331.386	1886456.769	214668.324	574960.197	30341	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
58+49.82	174.80' LT	704464.305	1886927.548	214708.835	575103.683	30340	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
59+45.98	264.38' RT	704074.398	1887151.376	214589.998	575171.902	30285	3/4" BENT IRON PIPE FOUND				1
60+35.00	297.91' RT	704069.201	1887246.362	214588.414	575200.852	30286	3/4" BENT IRON PIPE FOUND				1
60+58.91	319.71' RT	704055.609	1887275.722	214584.272	575209.800	30287	3/4" IRON PIPE FOUND				1
61+20.53	418.34' RT	703980.083	1887364.159	214561.253	575236.754	30288	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				1
61+75.07	369.22' LT	704747.566	1887179.240	214795.169	575180.394	30336	5/8" BENT IRON PIN FOUND				1
62+94.64	301.58' LT	704719.026	1887313.620	214786.470	575221.351	30357	MONUMENT BOX ASSEMBLY FOUND				
68+57.37	291.62' LT	704878.817	1887853.274	214835.172	575385.828	30166	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
69+15.38	516.38' LT	705110.622	1887840.984	214905.822	575382.083	30162	MAG NAIL FOUND				
69+20.66	275.34' LT	704882.337	1887918.537	214836.244	575405.720	30165	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
70+46.65	585.61' RT	704099.169	1888297.693	214597.548	575521.280	30276	1" IRON PIPE FOUND				
70+67.28	663.59' LT	705296.715	1887941.561	214962.540	575412.737	30161	STAMPED "EMHT"				
70+77.14	245.23' LT	704900.700	1888076.818	214841.841	575453.961	30163	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
70+77.82	243.33' LT	704899.092	1888078.043	214841.351	575454.334	30164	5/8" BENT IRON PIN FOUND W/ CAP "PS 7438"				1
70+81.36	718.56' LT	705353.372	1887938.452	214979.808	575411.789	30160	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
71+10.95	652.30' LT	705299.083	1887986.599	214963.262	575426.464	30158	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+24.99	707.15' LT	705355.615	1887983.490	214980.492	575425.516	30159	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+57.39	640.28' LT	705301.592	1888034.508	214964.026	575441.066	30157	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
71+64.43	586.31' LT	705252.238	1888057.458	214948.984	575448.060	30156	5/8" IRON PIN FOUND				
72+59.31	210.46' LT	704922.346	1888261.017	214848.439	575510.102	30154	5/8" IRON PIN FOUND				1
72+60.50	333.70' RT	704403.750	1888425.854	214690.379	575560.341	30275	1" IRON PIPE FOUND				
74+07.19	632.56' LT	705369.373	1888275.056	214984.685	575514.381	30155	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
74+07.64	185.66' LT	704943.310	1888409.931	214854.828	575555.488	30153	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
74+56.70	773.88' LT	705519.042	1888279.763	215030.301	575515.815	30152	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
75+59.89	190.76' RT	704630.130	1888668.370	214759.376	575634.256	30273	DRILL HOLE FOUND				1
75+75.93	174.90' LT	704983.683	1888573.659	214867.133	575605.390	30151	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
76+97.89	167.42' LT	705013.234	1888692.228	214876.140	575641.528	30175	3/4" IRON PIPE FOUND				1
81+62.11	153.51' LT	705139.628	1889139.125	214914.662	575777.734	30149	5/8" IRON PIN FOUND W/ CAP "PS 8203"				1
81+72.67	506.98' LT	705479.900	1889042.855	215018.372	575748.393	30150	5/8" IRON PIN FOUND W/ CAP "PS 8203"				
83+49.54	149.95' LT	705192.616	1889318.943	214930.812	575832.540	30173	3/4" BENT IRON PIPE FOUND				1
86+01.43	251.41' RT	704885.634	1889679.909	214837.249	575942.556	35627	3/4" IRON PIPE FOUND				
87+00.86	291.19' RT	704877.607	1889786.701	214834.803	575975.104	35557	3/4" IRON PIPE FOUND				
87+19.42	190.10' RT	704979.599	1889773.991	214865.888	575971.231	30058	3/4" IRON PIPE FOUND				1
87+23.84	165.72' LT	705320.262	1889671.161	214969.717	575939.890	30174	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
89+62.41	285.07' RT	704962.128	1890034.292	214860.563	576050.566	30057	IRON PIN FOUND W/ CAP "CLAPSADDLE"				
89+96.79	160.84' LT	705397.721	1889932.929	214993.325	576019.672	30038	5/8" BENT IRON PIN FOUND				
91+13.71	182.30' LT	705453.364	1890037.984	215010.284	576051.691	30148	3/4" IRON PIPE FOUND W/ CAP "EMHT"				1
91+83.79	264.78' RT	705048.083	1890239.309	214886.761	576113.052	30056	3/4" IRON PIPE FOUND				
91+96.94	176.94' RT	705135.803	1890225.427	214913.497	576108.821	30060	3/4" IRON PIPE FOUND				1
92+96.79	190.02' LT	705515.805	1890210.256	215029.315	576104.197	30147	3/4" IRON PIPE FOUND				
93+91.55	189.94' LT	705544.240	1890300.649	215037.981	576131.747	30138	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
94+15.96	355.28' RT	705031.617	1890487.957	214881.742	576188.835	30059	3/4" IRON PIPE FOUND				
96+00.64	260.65' RT	705177.424	1890635.614	214926.182	576233.839	30055	3/4" IRON PIPE FOUND				
97+66.84	710.64' LT	706153.719	1890501.909	215223.740	576193.088	30142	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
97+99.74	157.93' RT	705335.284	1890794.588	214974.295	576282.291	30061	IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
98+32.54	350.01' RT	705161.967	1890883.645	214921.471	576309.434	30053	3/4" IRON PIPE FOUND				
98+96.45	220.04' LT	705724.839	1890773.100	215093.025	576275.742	30136	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
98+96.61	189.93' LT	705696.169	1890782.313	215084.287	576278.550	30137	3/4" IRON PIPE FOUND				
99+03.94	165.64' RT	705359.276	1890896.278	214981.607	576313.285	30042	5/8" BENT IRON PIN FOUND				1
99+48.28	665.27' LT	706165.032	1890688.588	215227.188	576249.984	30141	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
99+96.55	169.98' LT	705707.208	1890883.629	215087.651	576309.430	30134	MAG NAIL FOUND IN CONCRETE				
99+96.56	219.93' LT	705754.846	1890868.616	215102.170	576304.854	30135	3/4" IRON PIPE FOUND IN CREEK				
104+69.77	206.90' RT	705490.157	1891448.301	215021.498	576481.532	30044	5/8" BENT IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				1
106+18.84	313.24' RT	705433.588	1891622.457	215004.256	576534.612	30043	5/8" BENT IRON PIN FOUND				1
107+27.14	459.47' RT	705326.713	1891769.738	214971.683	576579.501	30045	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				1
107+95.37	631.63' RT	705183.051	1891886.595	214927.897	576615.117	30046	MAG NAIL FOUND IN CONCRETE				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 11 OF 19

DESIGN AGENCY
WSP/USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.11 TOTAL CL.19
SHEET RW.12 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC011-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:30:16 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401=Engineering_StructurePoint\RW\Sheets\96808_RC011.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
108+04.35	725.76' RT	705095.983	1891923.478	214901.360	576626.358	30047	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				**1**
108+92.25	729.05' RT	705119.290	1892008.297	214908.464	576652.209	30063	IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				**1**
109+19.36	739.54' RT	705117.446	1892037.305	214907.902	576661.051	30062	5/8" IRON PIN FOUND				**1**
109+96.42	170.06' LT	706008.087	1891837.157	215179.354	576600.049	30132	3/4" IRON PIPE FOUND				**1**
111+02.42	154.96' RT	705730.012	1892036.019	215094.601	576660.659	26199	3/4" IRON PIPE FOUND				**1**
111+18.41	154.54' RT	705735.223	1892051.146	215096.190	576665.269	30064	IRON PIN FOUND W/ CAP "J&J"				**1**
111+81.48	156.02' LT	706050.377	1892017.867	215192.243	576655.126	30131	3/4" IRON PIPE FOUND				**1**
111+89.06	853.96' RT	705089.464	1892328.938	214899.373	576749.935	30072	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
111+91.90	852.68' RT	705091.542	1892331.262	214900.007	576750.644	30078	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
112+20.23	153.29' LT	706059.421	1892055.641	215195.000	576666.639	161125	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
112+20.32	153.28' LT	706059.445	1892055.734	215195.007	576666.667	30167	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
112+35.90	151.98' LT	706062.889	1892070.975	215196.057	576671.313	30130	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
113+24.09	837.80' RT	705145.497	1892452.852	214916.451	576787.702	30068	3/4" BENT IRON PIPE IN CONC FOUND W/ CAP "EMHT"				
113+54.06	834.93' RT	705157.248	1892480.568	214920.033	576796.150	30069	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
113+78.78	772.14' RT	705224.563	1892485.254	214940.549	576797.578	30070	3/4" IRON PIPE FOUND				
113+96.67	140.04' LT	706099.865	1892227.891	215207.326	576719.138	161123	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
115+39.58	1,012.38' RT	705043.828	1892710.881	214885.464	576866.345	30095	3/4" IRON PIPE FOUND				
115+52.38	159.94' RT	705860.629	1892466.641	215134.411	576791.905	30125	5/8" BENT IRON PIN FOUND				**1**
115+52.67	137.35' LT	706144.235	1892377.473	215220.850	576764.728	30021	5/8" BENT IRON PIN FOUND				**1**
115+52.82	149.80' LT	706156.156	1892373.869	215224.483	576763.630	30169	5/8" IRON PIN FOUND				**1**
115+52.82	139.92' RT	705879.857	1892461.032	215140.272	576790.195	30002	5/8" BENT IRON PIN FOUND				**1**
115+53.16	145.95' LT	706152.581	1892375.358	215223.393	576764.083	161124	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
116+20.81	150.05' RT	705891.573	1892530.490	215143.843	576811.365	30071	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
116+26.66	884.83' RT	705195.610	1892766.236	214931.725	576883.216	30096	3/4" IRON PIPE FOUND				
116+29.86	875.59' RT	705205.546	1892766.846	214934.753	576883.402	30097	3/4" IRON PIPE FOUND				
116+74.62	907.83' RT	705191.384	1892826.120	214930.437	576901.468	30098	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
117+34.25	746.40' RT	705366.240	1892838.021	214983.730	576905.095	30099	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
117+38.52	150.05' RT	705930.453	1892644.856	215155.693	576846.222	30116	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
117+42.94	620.58' RT	705488.160	1892805.482	215020.889	576895.178	30101	3/4" IRON PIPE FOUND				
118+02.76	562.48' RT	705565.112	1892848.016	215044.343	576908.142	30102	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
118+74.28	521.73' RT	705630.557	1892907.234	215064.289	576926.190	30103	3/4" IRON PIPE FOUND				
119+14.48	149.99' RT	705992.979	1892814.239	215174.749	576897.847	30117	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
119+79.44	559.68' RT	705636.893	1893028.246	215066.220	576963.073	30100	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
120+02.54	300.02' LT	706443.420	1892729.676	215312.036	576872.074	30170	5/8" IRON PIN FOUND				**1**
120+12.51	320.14' LT	706465.614	1892730.864	215318.801	576872.436	30171	1/2" BENT IRON PIPE FOUND				
120+33.59	149.99' RT	706038.215	1892927.785	215188.537	576932.454	30118	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
120+42.16	497.26' RT	705720.487	1893068.259	215091.698	576975.268	30104	3/4" BENT IRON PIPE FOUND				
120+70.81	427.00' LT	706585.179	1892740.535	215355.242	576875.383	30183	5/8" IRON PIN FOUND				
121+31.01	149.97' RT	706076.973	1893019.933	215200.349	576960.539	30119	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
121+33.80	495.70' RT	705760.609	1893159.409	215103.927	577003.049	30105	3/4" IRON PIPE FOUND				
121+67.14	380.72' LT	706577.857	1892841.067	215353.010	576906.024	30184	1/2" BENT IRON PIN FOUND				
122+26.22	495.70' RT	705801.095	1893251.300	215116.266	577031.056	30106	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
122+35.36	149.99' RT	706120.185	1893117.910	215213.520	576990.401	30120	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
122+98.15	149.76' LT	706418.801	1893049.986	215304.533	576969.699	30172	5/8" IRON PIN FOUND				**1**
123+44.27	289.95' LT	706564.538	1893030.450	215348.951	576963.744	30185	5/8" IRON PIN FOUND				
123+83.12	540.84' RT	705832.566	1893425.417	215125.858	577084.124	30107	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
123+99.76	149.89' RT	706191.976	1893270.567	215235.400	577036.928	30121	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
125+42.97	734.63' RT	705738.884	1893671.026	215097.306	577158.981	30108	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
125+87.92	149.94' RT	706279.335	1893442.748	215262.026	577089.406	30122	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
127+91.28	150.02' RT	706380.036	1893625.520	215292.718	577145.112	30123	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
128+18.93	169.18' RT	706377.667	1893659.711	215291.996	577155.533	30124	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
136+90.53	140.02' RT	706908.466	1894379.982	215453.774	577375.059	32939	STAINLESS STEEL PIN FOUND W/ DISK STAMPED "LIC I-70 113.5" IN MONUMENT BOX ASSEMBLY				
137+84.19	149.86' LT	707191.952	1894268.543	215540.176	577341.094	30187	5/8" IRON PIN FOUND				
137+84.28	140.24' RT	706969.194	1894454.396	215472.283	577397.739	30004	5/8" BENT IRON PIN FOUND				
137+84.45	150.02' RT	706961.797	1894460.787	215470.029	577399.687	30126	5/8" BENT IRON PIN FOUND				
137+84.67	117.50' RT	706986.917	1894440.136	215477.685	577393.393	30003	5/8" IRON PIN FOUND				
139+36.13	149.81' LT	707289.212	1894385.242	215569.819	577376.662	30188	5/8" IRON PIN FOUND				

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 12 OF 19

DESIGN AGENCY
MICHAEL BAKER STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SUBSET CL.12 | TOTAL CL.19

SHEET RW.13 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC012-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:30:26 PM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
144+43.91	149.98' LT	707614.576	1894775.079	215668.985	577495.478	30191	5/8" IRON PIN FOUND W/ CAP "BORING PS 8017"				
144+46.97	153.24' LT	707619.040	1894775.346	215670.345	577495.559	30192	STONE FOUND				
153+16.73	114.84' RT	707970.253	1895614.994	215777.389	577751.470	30006	1/2" IRON PIN FOUND				
153+16.76	142.70' RT	707948.880	1895632.857	215770.875	577756.914	30007	1/2" BENT IRON PIN FOUND				
153+58.21	150.03' LT	708200.228	1895477.195	215847.482	577709.471	30190	5/8" IRON PIN FOUND W/ CAP "BORING PS 8017"				
155+39.35	543.75' RT	707783.463	1896060.666	215720.459	577887.303	30128	3/4" IRON PIN FOUND W/ CAP "EMHT"				
156+59.09	657.02' RT	707773.163	1896225.171	215717.319	577937.441	30210	1" IRON PIPE FOUND				
156+73.95	155.24' LT	708406.466	1895716.328	215910.340	577782.355	30189	5/8" IRON PIN FOUND				
157+02.33	698.35' RT	707769.120	1896284.852	215716.087	577955.631	30211	1/2" IRON PIPE FOUND				
157+58.33	552.69' RT	707916.849	1896234.565	215761.113	577940.305	30212	1/2" IRON PIPE FOUND				
157+88.51	139.02' RT	708253.858	1895992.779	215863.827	577866.612	33134	STAINLESS STEEL PIN FOUND W/ ODOT DISK IN MONUMENT BOX ASSEMBLY				
158+76.93	190.44' RT	708271.011	1896093.620	215869.055	577897.347	30127	3/4" IRON PIPE FOUND W/ CAP "CENTRAL SURVEYING"				
159+94.76	303.21' RT	708259.876	1896256.340	215865.661	577946.941	30129	3/4" IRON PIPE FOUND				
160+38.54	344.67' RT	708256.074	1896316.509	215864.503	577965.280	30213	1/2" IRON PIPE FOUND				
161+62.07	257.86' RT	708401.866	1896355.769	215908.938	577977.246	30209	1" IRON PIPE FOUND				
163+30.91	293.96' LT	708933.779	1896131.992	216071.056	577909.042	30219	5/8" IRON PIN FOUND W/ CAP "J&H PS 6878"				
163+97.26	262.26' RT	708549.128	1896539.207	215953.820	578033.154	30205	5/8" IRON PIN FOUND				
164+14.28	269.72' RT	708554.300	1896557.060	215955.397	578038.596	170067	IRON PIN FOUND W/ CAP "PS 7017"				
164+52.36	429.28' RT	708456.151	1896688.497	215925.483	578078.655	30206	1" BENT IRON PIN FOUND				
164+73.78	277.76' RT	708586.237	1896607.898	215965.131	578054.090	30204	3/4" IRON PIPE FOUND				
165+51.20	522.41' RT	708447.938	1896824.057	215922.979	578119.972	30207	1" IRON PIN FOUND				
165+57.59	294.09' LT	709079.068	1896305.989	216115.337	577962.073	30218	5/8" IRON PIN FOUND W/ CAP "J&H PS 6878"				
166+45.35	423.13' RT	708584.489	1896832.769	215964.598	578122.627	30208	3/4" BENT IRON PIPE FOUND				
166+78.24	224.05' LT	709102.559	1896443.499	216122.497	578003.984	30217	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
167+71.36	290.20' RT	708767.280	1896844.392	216020.310	578126.170	30202	1" IRON PIN FOUND				1
168+16.51	131.94' LT	709120.382	1896608.690	216127.929	578054.332	30019	1/2" IRON PIN FOUND				
168+16.56	151.57' RT	708902.692	1896790.316	216061.581	578109.688	30009	1/2" IRON PIN FOUND				
171+10.85	154.50' RT	709088.939	1897018.187	216118.346	578179.139	30241	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
171+17.66	224.33' LT	709384.224	1896780.784	216208.344	578106.783	30220	5/8" IRON PIN FOUND				
173+02.33	149.98' RT	709215.054	1897162.346	216156.783	578223.077	30236	3/4" IRON PIPE FOUND W/ CAP "RAAB SURVEYING"				
173+20.25	291.67' LT	709565.695	1896893.231	216263.653	578141.055	30221	3/4" IRON PIPE FOUND				
173+95.81	280.65' RT	709174.583	1897317.828	216144.449	578270.465	30232	3/4" IRON PIPE FOUND				
174+89.57	367.90' RT	709167.627	1897445.721	216142.329	578309.444	30233	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
175+00.70	149.90' RT	709342.171	1897314.632	216195.527	578269.491	30235	3/4" IRON PIPE FOUND W/ CAP "RAAB SURVEYING"				
176+99.40	149.98' RT	709469.380	1897467.274	216234.298	578316.013	30234	3/4" IRON PIPE FOUND W/ CAP "HAINES SURVEYING"				
178+29.73	214.76' LT	709833.435	1897334.389	216345.256	578275.512	30222	3/4" IRON PIPE FOUND				
180+38.63	216.02' LT	709969.554	1897503.062	216386.742	578326.921	30223	3/4" IRON PIPE FOUND				
180+99.64	150.01' RT	709715.208	1897773.330	216309.222	578409.294	30230	AXLE FOUND				
184+44.96	276.80' LT	710265.038	1897812.769	216476.801	578421.315	30224	3/4" IRON PIPE FOUND				
184+72.26	158.10' RT	709916.810	1898074.751	216370.667	578501.162	30229	AXLE FOUND				
184+72.82	148.60' RT	709925.060	1898070.012	216373.181	578499.718	33137	STAINLESS STEEL PIN FOUND W/ ODOT DISK IN MONUMENT BOX ASSEMBLY				
185+04.22	149.85' RT	709940.674	1898096.330	216377.940	578507.739	33136	3/4" BENT IRON PIPE FOUND W/ CAP "ZANDE"				
187+19.24	149.51' LT	710308.353	1898121.365	216490.003	578515.369	30225	5/8" IRON PIN FOUND				
192+29.35	1,044.98' LT	711362.802	1898195.451	216811.381	578537.950	30226	3/4" IRON PIPE FOUND				
193+17.30	131.26' RT	710338.764	1898781.812	216499.271	578716.662	30013	5/8" IRON PIN FOUND				
193+17.33	139.00' LT	710584.230	1898668.731	216574.085	578682.197	30017	1/2" IRON PIN FOUND				
195+00.00	150.28' RT	710393.351	1898952.508	216515.909	578768.688	33135	3/4" IRON PIPE FOUND W/ CAP "ZANDE"				
196+47.74	149.51' LT	710726.702	1898976.175	216617.508	578775.901	30228	3/4" IRON PIN FOUND W/ CAP "BOESHART PS 6512"				
198+70.36	676.95' LT	711304.103	1899016.826	216793.490	578788.291	30227	1" IRON PIPE FOUND				
208+16.89	124.78' LT	711024.170	1900133.877	216708.172	579128.749	30016	1/2" IRON PIN FOUND				
208+17.05	121.13' RT	710781.842	1900175.644	216634.314	579141.479	30015	1/2" IRON PIN FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
84+00.00	160.73' RT	704911.515	1889460.530	214845.137	575875.693		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
86+08.98	215.00' RT	704922.628	1889676.156	214848.524	575941.412		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
86+31.42	155.00' RT	704986.602	1889679.508	214868.023	575942.434		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
87+83.32	215.00' RT	704975.075	1889842.416	214864.509	575992.085		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
92+40.00	215.00' RT	705112.464	1890277.943	214906.383	576124.827		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
92+40.00	235.00' RT	705093.390	1890283.960	214900.570	576126.661		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 13 OF 19

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SUBSET CL.13 | TOTAL CL.19

SHEET RW.14 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC013-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:30:36 PM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W INTERSTATE ROUTE 70											
PROPOSED RIGHT-OF-WAY MONUMENTS (CONTINUED)											
94+50.00	235.00' RT	705156.567	1890484.231	214919.8251	576187.6998		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
95+50.00	200.00' RT	705220.03	1890569.07	214939.1676	576213.5573		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
99+50.00	200.00' RT	705340.366	1890950.539	214975.844	576329.8226		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
103+50.00	230.00' RT	705432.092	1891341.034	215003.8005	576448.8389		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
107+00.00	170.00' LT	705918.856	1891554.484	215152.158	576513.8948		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
109+50.00	250.00' LT	706070.360	1891768.835	215198.334	576579.225		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
106+70.00	382.25' RT	705383.162	1891692.014	214988.887	576555.812		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
111+25.00	290.00' LT	706161.154	1891923.695	215226.006	576626.424		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
111+34.75	151.38' RT	705743.158	1892065.782	215098.608	576669.730		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
112+19.97	290.00' LT	706189.725	1892014.267	215234.714	576654.029		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
112+50.00	542.69' RT	705404.644	1892293.411	214995.435	576739.107		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
113+50.00	510.00' RT	705465.904	1892378.944	215014.106	576765.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+19.05	413.86' RT	705608.447	1892511.242	215057.551	576805.499		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+53.01	150.00' RT	705870.301	1892464.248	215137.359	576791.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
115+86.46	238.37' RT	705796.602	1892524.034	215114.897	576809.397		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
116+40.00	314.65' RT	705741.549	1892601.083	215098.118	576832.881		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
117+70.00	231.94' RT	705864.136	1892702.876	215135.480	576863.905		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
118+16.92	150.00' LT	706239.335	1892617.223	215249.835	576837.800		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
118+17.68	150.00' LT	706239.589	1892617.915	215249.912	576838.011		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
119+18.00	181.60' RT	705964.811	1892829.016	215166.164	576902.351		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
120+33.94	163.33' RT	706026.007	1892933.182	215184.816	576934.099		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
116.42.05	447.20' LT	706465.135	1892362.680	215318.655	576760.219		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
119+07.47	339.28' LT	706447.003	1892631.768	215313.128	576842.233		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
120+00.99	297.38' LT	706440.431	1892729.298	215311.125	576871.958		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
122+50.00	175.26' LT	706422.403	1892996.829	215305.631	576953.497		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
125+25.00	180.00' LT	706542.860	1893234.542	215342.344	577025.948		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
126+50.00	160.00' LT	706581.725	1893351.083	215354.189	577061.468		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
132+00.00	160.00' LT	706858.800	1893808.097	215438.637	577200.758		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
137+85.08	160.00' LT	707200.293	1894262.718	215542.718	577339.319		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
139+25.28	160.00' LT	707290.087	1894370.380	215570.086	577372.132		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
EXISTING CENTERLINE OF R/W STATE ROUTE 256											
EXISTING CENTERLINE MONUMENTS											
42+48.68	0.00'	702728.868	1887760.116	214179.903	575357.435	30363	MONUMENT BOX ASSEMBLY FOUND				
40+96.21	0.21' RT	702872.655	1887709.409	214223.727	575341.981	30361	MONUMENT BOX ASSEMBLY FOUND				
38+65.71	0.11' RT	703090.183	1887633.173	214290.026	575318.745	30360	MONUMENT BOX ASSEMBLY FOUND				
35+18.98	0.00'	703428.006	1887558.820	214392.989	575296.084	30358	MONUMENT BOX ASSEMBLY FOUND				
32+41.18	0.00'	703704.504	1887531.990	214477.261	575287.907	30359/ M27	MONUMENT BOX ASSEMBLY FOUND **(TO BE RESET)**			**1**	
28+25.00	0.00'	704775.948	1887438.809	214803.819	575259.507	30355	IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
38+39.94	0.47' LT	705764.451	1887221.713	215105.098	575193.339	30353	MONUMENT BOX ASSEMBLY FOUND				
PROPOSED CENTERLINE MONUMENTS											
17+49.57	0.00'	703705.471	1887541.943	214477.556	575290.940	M28	MONUMENT BOX ASSEMBLY SET			**1**	
28+65.36	0.00'	704816.122	1887434.938	214816.063	575258.327	M29	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
37+47.60	0.00'	705677.330	1887252.310	215078.545	575202.665	M31	MONUMENT BOX ASSEMBLY SET (INT. W/ TAYLOR RD SW)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
42+35.28	198.98' LT	702807.387	1887943.403	214203.835	575413.298	30284	3/4" IRON PIPE FOUND W/ CAP "GEO GRAPHICS"				
40+04.81	60.41' LT	702978.971	1887736.344	214256.131	575350.190	30282	3/4" IRON PIPE FOUND W/ CAP "CEC"				
39+70.54	198.69' RT	702925.518	1887480.508	214239.839	575272.216	30296	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
38+36.03	474.92' RT	702970.210	1887172.497	214253.460	575178.339	30297	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
37+40.41	134.39' LT	703243.403	1887727.163	214336.725	575347.392	30281	3/4" IRON PIPE FOUND ON CREEK BANK W/ CAP "BIRD AND BULL"				
36+85.17	403.73' RT	703178.982	1887189.602	214317.091	575183.552	30298	3/4" IRON PIPE FOUND				
36+65.52	136.54' RT	703256.233	1887446.444	214340.635	575261.834	30295	3/4" IRON PIPE FOUND				
36+64.51	133.22' LT	703310.228	1887710.737	214357.092	575342.386	30280	1" IRON PIPE FOUND				
34+96.48	401.54' RT	703411.572	1887157.027	214387.980	575173.624	30294	3/4" IRON PIPE FOUND				
34+92.03	131.54' RT	703442.109	1887425.324	214397.287	575255.397	30293	3/4" IRON PIPE FOUND				
33+42.08	134.03' RT	703591.118	1887408.347	214442.703	575250.222	30292	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				
33+26.46	124.77' LT	703631.688	1887664.424	214455.068	575328.270	30279	1" IRON PIPE FOUND				
17+64.70	408.46' RT	703759.701	1887947.070	214494.084	575414.416	30300	5/8" IRON PIN FOUND W/ CAP "PATTERSON PS 8617"				
17+84.60	456.59' LT	703696.548	1887084.104	214474.836	575151.398	30289	3/4" IRON PIPE FOUND				

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 14 OF 19

DESIGN AGENCY
WSP/MEPAS STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.14 TOTAL CL.19
SHEET RW.15 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC014-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:30:47 PM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W STATE ROUTE 256											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
17+88.27	300.33' RT	703772.792	1887837.178	214498.074	575380.923	30277	1" IRON PIPE FOUND				
17+88.53	131.47' RT	703756.860	1887669.070	214493.218	575329.686	30278	1" IRON PIPE FOUND				
18+08.67	399.22' RT	703802.587	1887933.657	214507.155	575410.328	30299	5/8" IRON PIN FOUND				
18+22.02	146.98' LT	703763.490	1887388.691	214495.239	575244.231	30290	3/4" IRON PIPE FOUND				
20+39.97	150.63' LT	703980.083	1887364.159	214561.253	575236.754	30288	3/4" IRON PIPE FOUND W/ CAP "HOCKADEN"				1
27+80.35	130.07' LT	704719.026	1887313.620	214786.470	575221.351	30357	MONUMENT BOX ASSEMBLY FOUND				1
28+21.65	261.09' LT	704747.566	1887179.240	214795.169	575180.394	30336	5/8" BENT IRON PIN FOUND				1
28+82.73	487.76' RT	704882.337	1887918.537	214836.244	575405.720	30165	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
28+85.48	422.48' RT	704878.817	1887853.274	214835.172	575385.828	30166	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
30+93.97	439.86' RT	705110.622	1887840.984	214905.822	575382.083	30162	MAG NAIL FOUND				
31+75.14	389.43' LT	705055.036	1887009.585	214888.880	575128.686	30335	MAG NAIL FOUND				
31+88.77	151.17' LT	705109.498	1887241.884	214905.479	575199.487	30337	5/8" IRON PIPE FOUND				
32+44.93	145.73' LT	705163.597	1887237.242	214921.968	575198.072	30338	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
33+16.91	378.76' LT	705182.528	1886995.477	214927.738	575124.386	30334	MAG NAIL FOUND				
33+28.06	179.80' RT	705311.254	1887539.102	214966.971	575290.074	30178	5/8" IRON PIN FOUND				
33+30.62	409.46' LT	705188.073	1886962.863	214929.428	575114.446	30331	5/8" IRON PIN FOUND W/ CAP "PS 8332"				
33+32.36	379.54' LT	705195.994	1886991.759	214931.842	575123.253	30333	MAG NAIL FOUND				
33+36.15	409.72' LT	705192.846	1886961.543	214930.882	575114.044	30332	5/8" IRON PIN FOUND W/ CAP "PS 8332"				
33+39.04	179.77' RT	705322.471	1887536.613	214970.390	575289.316	30177	5/8" IRON PIN FOUND W/ CAP "BARISH"				
33+43.54	358.21' RT	705365.736	1887709.796	214983.576	575342.099	30179	5/8" IRON PIN FOUND W/ CAP "WD PARTNERS"				
34+75.34	153.13' RT	705454.478	1887477.661	215010.623	575271.348	3008	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
36+45.01	353.70' LT	705476.550	1886945.128	215017.351	575109.041	30330	1/2" IRON PIN FOUND				
36+69.47	327.00' LT	705505.748	1886964.070	215026.250	575114.814	30329	1/2" IRON PIN FOUND				
36+74.01	81.42' LT	705583.010	1887197.222	215049.798	575185.875	30328	1/2" IRON PIN FOUND				
36+78.48	100.97' LT	705581.333	1887177.264	215049.287	575179.792	30327	1/2" BENT IRON PIN FOUND				
36+93.40	121.12' RT	705662.519	1887384.514	215074.031	575242.958	30176	5/8" IRON PIN FOUND W/ CAP "BARISH"				
38+03.38	102.94' LT	705696.164	1887137.106	215084.285	575167.553	30326	5/8" IRON PIN FOUND W/ CAP "FINNE PS 8392"				
38+33.36	344.84' LT	705643.844	1886899.081	215068.339	575095.007	30324	5/8" IRON PIN FOUND W/ CAP "FINNE PS 8392"				
EXISTING CENTERLINE OF R/W TUSSING ROAD											
EXISTING CENTERLINE MONUMENTS											
96+21.41	00+00.12' LT	702888.435	1887368.478	214228.537	575238.071	30367	IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
98+91.83	00+00.01' LT	702877.249	1887638.650	214225.127	575320.415	30362	MONUMENT BOX ASSEMBLY FOUND				
99+62.74	00+00.01' RT	702872.655	1887709.409	214223.727	575341.981	30361	MONUMENT BOX ASSEMBLY FOUND				
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
97+32.01	40.22' LT	702925.518	1887480.508	214239.839	575272.216	30296	3/4" IRON PIPE FOUND W/ CAP "DODSON STILSON"				
EXISTING CENTERLINE OF R/W STATE ROUTE 204											
EXISTING CENTERLINE MONUMENTS											
03+93.65	0.00'	702851.315	1888039.626	214217.223	575442.625	30369	MONUMENT BOX ASSEMBLY FOUND				
PROPOSED CENTERLINE MONUMENTS											
37+76.48	0.00'	703343.095	1891432.584	214367.109	576476.742	M32	MONUMENT BOX ASSEMBLY SET (PI)			1	
38+32.09	0.00'	703360.281	1891485.473	214372.347	576492.861	M33	MONUMENT BOX ASSEMBLY SET (PI)			1	
40+45.97	0.00'	703428.724	1891688.107	214393.208	576554.621	M34	MONUMENT BOX ASSEMBLY SET (PC)			1	
47+73.35	0.00'	703388.765	1892398.767	214381.029	576771.218	M37	MONUMENT BOX ASSEMBLY SET (PT)			1	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
00+82.76	107.82' LT	702978.971	1887736.344	214256.131	575350.190	30282	3/4" IRON PIPE FOUND W/ CAP "CEC"				
03+00.46	50.04' RT	702807.387	1887943.403	214203.835	575413.298	30284	3/4" IRON PIPE FOUND W/ CAP "GEO GRAPHICS"				
27+50.58	29.45' LT	703110.537	1890432.957	214296.230	576172.072	30049	5/8" IRON PIN FOUND W/ CAP "CLAPSADDLE PS 6140"				
28+03.06	40.07' RT	703056.660	1890501.401	214279.809	576192.933	30272	1/2" IRON PIPE FOUND				
32+22.33	39.21' RT	703164.173	1890906.654	214312.577	576316.447	30270	3/4" IRON PIN FOUND				
35+08.30	185.46' RT	703095.502	1891220.430	214291.647	576412.081	30269	3/4" IRON PIN FOUND				
35+98.59	39.14' RT	703259.978	1891270.513	214341.777	576427.345	30268	1/2" IRON PIPE FOUND				
37+61.37	30.91' RT	703309.360	1891425.841	214356.828	576474.687	30249	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
37+84.60	29.91' LT	703374.056	1891431.068	214376.546	576476.280	30245	5/8" BENT IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
39+00.11	29.92' LT	703410.401	1891540.348	214387.623	576509.586	30244	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				1
39+68.74	59.79' RT	703347.366	1891634.074	214368.411	576538.153	30248	3/4" IRON PIPE FOUND W/ CAP "HOY"				1
39+73.33	49.77' RT	703358.328	1891635.212	214371.752	576538.499	30247	3/4" IRON PIN FOUND				1
39+81.46	29.79' RT	703379.861	1891636.528	214378.315	576538.900	30246	3/4" IRON PIN FOUND				1
40+45.18	45.92' LT	703471.982	1891672.668	214406.392	576549.915	30048	3/4" BENT IRON PIN FOUND				1

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 15 OF 19

DESIGN AGENCY
WSP/EVEN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.15 TOTAL CL.19
SHEET RW.16 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W STATE ROUTE 204											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS (CONTINUED)											
42+13.64	36.87' LT	703504.650	1891845.334	214416.349	576602.541	30242	5/8" IRON PIN FOUND W/ CAP "ODOT DISTRICT 5"				**1**
43+99.38	45.49' RT	703432.553	1892034.016	214394.375	576660.048	30256	3/4" IRON PIPE FOUND W/ CAP "P&L SYSTEMS"				**1**
44+93.85	49.97' RT	703419.700	1892122.912	214390.457	576687.142	30257	3/4" BENT IRON PIPE FOUND				**1**
46+79.69	42.63' LT	703465.162	1892324.383	214404.313	576748.547	14102	5/8" IRON PIN FOUND W/ CAP "S.A. ENGLAND PS 7452"				**1**
46+92.70	161.84' LT	703572.486	1892378.226	214437.024	576764.958	30258	3/4" IRON PIPE FOUND				
51+08.56	53.93' LT	703296.253	1892723.384	214352.833	576870.156	30259	5/8" IRON PIN FOUND W/ CAP "ENGLAND"				
52+22.44	44.52' RT	703162.880	1892792.119	214312.183	576891.105	30260	3/4" IRON PIPE FOUND				
52+42.48	47.37' RT	703153.745	1892811.245	214309.399	576896.934	30261	3/4" IRON PIPE FOUND W/ CAP "M-E"				
56+05.33	44.97' LT	703204.165	1893180.166	214324.766	577009.375	30263	5/8" IRON PIN FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
36+50.00	30.00' LT	703339.926	1891302.638	214366.144	576437.136		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
38+50.00	55.00' LT	703418.122	1891484.845	214389.976	576492.670		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
40+45.97	55.00' LT	703480.832	1891670.506	214409.089	576549.256		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
41+90.20	82.23' RT	703383.419	1891842.001	214379.400	576601.525		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
42+17.70	45.00' LT	703513.314	1891848.312	214418.989	576603.449		MAG SPIKE SET				**1**
42+70.16	60.00' RT	703415.238	1891912.395	214389.097	576622.980		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
42+94.95	48.66' RT	703428.452	1891935.860	214393.125	576630.132		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
43+77.77	43.92' RT	703434.803	1892013.479	214395.061	576653.789		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
43+98.37	55.00' RT	703423.095	1892032.644	214391.492	576659.630		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
44+45.00	75.00' LT	703549.571	1892088.439	214430.040	576676.635		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
44+45.61	45.00' LT	703519.639	1892086.317	214420.917	576675.989		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
44+94.03	60.00' RT	703409.743	1892121.649	214387.423	576686.757		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
45+85.86	46.46' RT	703406.518	1892209.314	214386.440	576713.476		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+75.08	42.88' RT	703385.935	1892291.874	214380.166	576738.639		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+79.98	45.00' LT	703467.297	1892325.454	214404.964	576748.873		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+83.52	75.00' LT	703494.322	1892339.012	214413.201	576753.006		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
46+97.64	65.00' RT	703357.923	1892304.433	214371.629	576742.467		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+21.91	37.78' RT	703375.014	1892335.673	214376.838	576751.988		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+75.35	45.00' LT	703429.515	1892417.856	214393.449	576777.036		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+75.87	39.08' RT	703353.375	1892382.190	214370.243	576766.166		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+76.08	55.00' RT	703338.653	1892376.098	214365.756	576764.309		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
47+76.21	64.99' RT	703329.569	1892371.988	214362.987	576763.056		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
EXISTING CENTERLINE OF R/W WELLESLEY DRIVE											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
12+48.70	30.00' LT	702821.109	1891548.441	214208.017	576512.053	30252	3/4" IRON PIPE FOUND				
12+77.56	30.25' RT	702812.735	1891614.723	214205.465	576532.255	30254	3/4" IRON PIPE FOUND				
14+76.72	28.28' RT	702981.205	1891720.950	214256.811	576564.631	30255	3/4" IRON PIPE FOUND				
15+11.59	30.31' LT	703042.258	1891690.594	214275.419	576555.379	30251	3/4" IRON PIPE FOUND				
17+53.49	30.14' LT	703243.343	1891817.637	214336.707	576594.099	30250	3/4" IRON PIPE FOUND				
PROPOSED RIGHT-OF-WAY MONUMENTS											
17+51.23	34.00' LT	703243.184	1891813.286	214336.658	576592.773		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
18+65.17	34.00' LT	703340.256	1891839.011	214366.244	576600.614		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+08.44	34.00' LT	703383.419	1891842.001	214379.400	576601.525		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
EXISTING CENTERLINE MONUMENTS											
18+77.40	0.75' LT	704347.934	1891944.523	214673.367	576632.772	25760	ALUMINUM DISK STAMPED "TACKET 2005" FOUND IN CONCRETE MONUMENT				
50+38.05	0.03' RT	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY **(TO BE RESET)**	***TABULATED IN TABLE FOR EXISTING CENTERLINE R/W TAYLOR ROAD SW***			
PROPOSED CENTERLINE MONUMENTS											
16+26.48	0.00'	703472.625	1891884.060	214406.588	576614.344	M36	MONUMENT BOX ASSEMBLY SET (INT W/ SR 204)			**1**	
27+66.91	0.00'	704610.277	1891963.626	214753.325	576638.594	M38	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
30+12.57	0.00'	704851.056	1892009.366	214826.711	576652.535	M39	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
32+74.23	0.00'	705100.590	1892088.100	214902.764	576676.532	M40	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
35+26.02	0.00'	705347.499	1892134.251	214978.018	576690.598	M41	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
45+13.53	0.00'	706332.988	1892197.337	215278.378	576709.826	M42	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
47+19.03	0.00'	706538.031	1892190.218	215340.872	576707.656	M43	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
50+31.92	0.00'	706848.142	1892148.621	215435.389	576694.978	M44	MONUMENT BOX ASSEMBLY SET (PC)			**1**	
52+40.56	0.00'	707056.315	1892141.707	215498.836	576692.871	M45	MONUMENT BOX ASSEMBLY SET (PT)			**1**	

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 16 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.16 | TOTAL CL.19
SHEET RW.17 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
25+03.88	0.75' LT	704347.934	1891944.523	214673.367	576632.772	25760	DISK FOUND STAMPED "TACKET 2005"				**1**
19+39.87	288.20' RT	703765.144	1892193.421	214495.743	576708.632	30113	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
19+40.11	38.30' RT	703782.816	1891944.144	214501.129	576632.657	30114	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
19+41.03	198.72' RT	703772.541	1892104.241	214497.997	576681.452	30112	3/4" IRON PIPE FOUND				
19+41.29	435.79' RT	703756.262	1892340.749	214493.036	576753.535	30262	3/4" IRON PIPE FOUND				
19+83.10	38.37' RT	703825.692	1891947.216	214514.197	576633.593	30111	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
22+27.47	38.45' RT	704069.465	1891964.351	214588.495	576638.815	30110	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
23+46.32	38.62' RT	704188.016	1891972.808	214624.627	576641.393	30109	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
24+64.38	38.65' RT	704305.787	1891981.075	214660.522	576643.913	30075	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				**1**
25+56.40	148.86' RT	704389.890	1892097.432	214686.155	576679.376	30087	5/8" IRON PIN FOUND W/ CAP "POMEROY"				
25+56.74	248.83' RT	704383.252	1892197.181	214684.132	576709.778	30088	5/8" IRON PIN FOUND W/ CAP "POMEROY"				
25+62.39	368.05' RT	704380.579	1892316.509	214683.317	576746.147	30089	3/4" BENT IRON PIPE FOUND W/ CAP "POMEROY				
25+76.29	38.69' RT	704417.419	1891988.921	214694.545	576646.304	30074	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
27+31.73	355.23' RT	704550.392	1892315.539	214735.073	576745.852	30090	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+43.84	413.98' RT	704558.379	1892374.984	214737.508	576763.969	30091	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+54.85	351.25' RT	704573.742	1892313.181	214742.190	576745.133	30085	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+56.79	248.25' RT	704582.863	1892210.561	214744.970	576713.856	30086	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+92.54	38.58' RT	704632.182	1892004.136	214760.001	576650.941	30065	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
27+95.64	147.85' RT	704624.527	1892113.173	214757.668	576684.174	30076	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
27+95.94	157.88' RT	704623.805	1892123.180	214757.448	576687.224	30073	3/4" IRON PIN FOUND W/ CAP "J&J"				
28+98.94	346.20' RT	704673.433	1892320.682	214772.574	576747.419	30084	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
29+04.08	150.23' RT	704716.022	1892129.355	214785.554	576689.106	30077	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
30+24.84	353.81' RT	704756.303	1892350.470	214797.831	576756.498	30083	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
30+63.31	120.16' RT	704863.290	1892139.230	214830.439	576692.116	30066	3/4" IRON PIPE FOUND				
31+09.11	379.10' RT	704829.052	1892399.944	214820.004	576771.577	30082	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
31+84.54	424.58' RT	704887.305	1892466.019	214837.759	576791.715	30081	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
31+85.06	507.58' RT	704862.824	1892545.323	214830.297	576815.886	30092	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+04.55	529.87' RT	704874.706	1892572.448	214833.919	576824.153	30094	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+08.10	159.46' RT	704989.542	1892220.268	214868.919	576716.815	30067	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+49.76	490.31' RT	704929.725	1892548.321	214850.688	576816.800	30079	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+69.49	512.67' RT	704941.811	1892575.584	214854.371	576825.109	30080	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
32+79.99	527.85' RT	704950.042	1892594.078	214856.880	576830.746	30093	3/4" BENT IRON PIPE FOUND W/ CAP "EMHT"				
43+30.94	204.07' LT	706163.803	1891982.022	215226.814	576644.201	20166	3/4" IRON PIPE FOUND				**1**
43+31.92	108.71' LT	706158.690	1892077.245	215225.255	576673.224	30168	5 8 REBAR FLUSH EXLINE #7060				**1**
43+50.47	153.58' LT	706180.067	1892033.650	215231.771	576659.937	20140	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
43+62.11	123.54' LT	706189.771	1892064.381	215234.728	576669.303	20038	RAILROAD SPIKE FOUND				**1**
43+78.56	125.58' LT	706206.319	1892063.387	215239.772	576669.000	20149	MAG NAIL FOUND				**1**
44+44.92	55.24' LT	706268.045	1892137.831	215258.585	576691.689	30181	5/8" BENT IRON PIN FOUND W/ CAP "EXLINE PS 7060"				**1**
45+71.58	106.55' LT	706391.863	1892092.879	215296.323	576677.989	30182	5/8" IRON PIN FOUND W/ CAP "EXLINE PS 7060"				**1**
46+70.72	97.05' LT	706481.589	1892098.844	215323.669	576679.807	161118	5/8" IRON PIN FOUND W/ CAP "STADT PS 8723"				**1**
46+78.85	141.47' LT	706484.727	1892053.956	215324.626	576666.125	20270	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
50+86.31	61.52' LT	706897.229	1892081.482	215450.350	576674.515	20423	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
51+06.20	75.32' LT	706917.383	1892066.201	215456.492	576669.858	20556	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
53+15.95	10.93' RT	707130.814	1892157.657	215521.542	576697.732	170077	5/8" IRON PIN FOUND				**1**
56+51.84	34.90' RT	707464.346	1892204.041	215623.197	576711.869	170078	5/8" IRON PIN FOUND W/ CAP "8714 WOLF LAND SURVEYING"				**1**
51+07.13	82.92' LT	706917.910	1892058.555	215456.653	576667.527	20422	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
53+14.26	98.63' LT	707136.452	1892048.226	215523.261	576664.379	12014	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				**1**
54+26.15	635.24' RT	707199.004	1892787.937	215542.325	576889.831	30180	5/8" BENT IRON PIN FOUND				
54+95.97	47.82' LT	707314.355	1892111.076	215577.483	576683.535	11442	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				
55+88.81	35.81' LT	707406.187	1892129.275	215605.471	576689.081	11443	5/8" IRON PIN FOUND W/ ALUMINUM CAP STAMPED "ODOT ROW DOWALTER PS 8302"				**1**
PROPOSED RIGHT-OF-WAY MONUMENTS											
56+52.21	40.00' RT	707464.370	1892209.152	215623.205	576713.427		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
54+70.00	40.00' RT	707282.570	1892196.965	215567.795	576709.712		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
54+00.00	60.00' RT	707211.389	1892212.238	215546.100	576714.367		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
53+86.63	3.00' LT	707202.263	1892148.485	215543.319	576694.936		MAG SPIKE SET				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 17 OF 19

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.17 TOTAL CL.19
SHEET RW.18 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC017-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:31:19 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401=Engineering_StructurePoint\RW\Sheets\96808_RC017.dgn

FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
PROPOSED CENTERLINE OF R/W TAYLOR ROAD											
PROPOSED RIGHT-OF-WAY MONUMENTS (CONTINUED)											
53+12.78	19.50' LT	707129.679	1892127.082	215521.196	576688.413		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
53+12.48	3.00' LT	707128.284	1892143.525	215520.771	576693.425		MAG SPIKE SET				**1**
53+11.37	60.00' RT	707122.958	1892206.310	215519.148	576712.560		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
52+40.56	60.00' RT	707052.302	1892201.573	215497.613	576711.117		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
51+00.00	60.00' RT	706919.942	1892201.642	215457.272	576711.138		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+37.70	70.52' LT	706844.889	1892077.922	215434.397	576673.430		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	75.00' RT	706826.477	1892227.199	215428.786	576718.927		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	47.62' LT	706810.175	1892105.663	215423.817	576681.885		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
50+00.00	78.24' LT	706806.105	1892075.322	215422.576	576672.637		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+63.06	85.74' LT	706768.494	1892072.801	215411.113	576671.869		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+57.09	56.34' LT	706766.487	1892102.734	215410.502	576680.992		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+53.81	40.17' LT	706765.384	1892119.197	215410.165	576686.010		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
49+00.00	115.00' RT	706732.682	1892280.138	215400.198	576735.062		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
48+00.00	145.00' RT	706637.558	1892323.166	215371.206	576748.176		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
47+00.00	165.00' RT	706538.092	1892356.484	215340.891	576758.331		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+74.80	111.84' LT	706483.928	1892083.791	215324.382	576675.219		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
46+74.76	111.62' LT	706483.913	1892084.010	215324.378	576675.285		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
46+36.78	165.00' RT	706465.135	1892362.680	215318.655	576760.219		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+19.82	148.23' LT	706433.576	1892050.584	215309.036	576665.098		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+16.28	118.39' LT	706431.578	1892080.518	215308.427	576674.221		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
46+14.60	103.47' LT	706430.580	1892095.485	215308.123	576678.783		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
45+50.00	152.50' LT	706373.825	1892046.597	215290.825	576663.883		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
45+00.00	173.16' LT	706330.547	1892023.664	215277.634	576656.893		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
34+00.00	110.00' RT	705202.301	1892226.746	214933.764	576718.789		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
30+00.00	60.00' RT	704821.686	1892063.090	214817.759	576668.909		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
29+50.00	50.00' RT	704778.704	1892040.842	214804.659	576662.129		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
27+92.82	49.69' RT	704631.402	1892015.226	214759.764	576654.321		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+80.00	50.00' RT	704420.331	1892000.464	214695.433	576649.822		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+56.33	60.00' RT	704396.021	1892008.788	214688.024	576652.359		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
25+56.33	58.54' RT	704396.120	1892007.329	214688.054	576651.914		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+84.33	60.00' RT	704324.196	1892003.765	214666.132	576650.828		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+84.33	58.46' RT	704324.300	1892002.231	214666.164	576650.361		MAG SPIKE SET				**1**
24+84.40	95.52' RT	704321.784	1892039.206	214665.397	576661.630		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+62.85	95.56' RT	704300.286	1892037.743	214658.845	576661.184		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+65.00	50.00' RT	704305.611	1891992.440	214660.468	576647.376		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
24+62.85	50.00' RT	704303.465	1891992.290	214659.814	576647.331		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+46.83	50.00' RT	704187.730	1891984.196	214624.540	576644.864		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
22+28.15	50.00' RT	704069.337	1891975.916	214588.456	576642.340		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+94.53	50.00' RT	703836.283	1891959.616	214517.425	576637.372		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
19+40.91	2.01' LT	703786.431	1891903.996	214502.231	576620.420		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				**1**
19+40.83	50.00' RT	703782.723	1891955.870	214501.101	576636.231		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+15.00	38.50' LT	704162.151	1891893.691	214616.744	576617.279		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
23+15.00	50.00' LT	704162.953	1891882.219	214616.988	576613.783		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
17+00.00	50.00' LT	703549.452	1891839.311	214430.004	576600.705		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
16+69.88	80.67' LT	703521.549	1891806.617	214421.499	576590.741		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
EXISTING CENTERLINE OF R/W RELOCATED TAYLOR ROAD											
EXISTING CENTERLINE MONUMENTS											
20+16.81	0.02' RT	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY **(TO BE RESET)**	***TABULATED IN TABLE FOR EXISTING CENTERLINE R/W TAYLOR ROAD SW***			
36+47.25	0.00' RT	709106.134	1892279.124	216123.587	576734.753	30039	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY				
PROPOSED RIGHT-OF-WAY MONUMENTS											
20+52.27	36.00' LT	707517.139	1892136.519	215639.288	576691.289		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
20+52.27	60.00' LT	707518.744	1892112.573	215639.777	576683.991		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
21+14.94	36.00' LT	707579.661	1892140.711	215658.343	576692.567		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**
21+16.24	19.50' LT	707579.859	1892157.261	215658.404	576697.611		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				**1**

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 18 OF 19

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.18 TOTAL CL.19
SHEET RW.19 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC018-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:31:29 PM USER: jyoumans
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FAI/LIC-IR 70-0.00/0.00

CENTERLINE & MONUMENT COORDINATE TABLE

Station Offset (From CL R/W)		Project Coordinates (See Survey Parameters)		Grid Coordinates (Ohio State Plane South Zone)		Monument Description		Proposed Monuments to be Set After Construction		Existing & Proposed Monuments to be Set/Reset During Construction	Existing & Proposed Monuments Expected to be Disturbed & Need Reset
Station	Offset	Northing (ft)	Easting (ft)	Northing (m)	Easting (m)	Point #	Description	Centerline (623 Type D)	CL Reference (623 Type E)	Monument Assembly (623 Type C)	Survey Monuments (623 Type B)
EXISTING CENTERLINE OF R/W TAYLOR ROAD SW											
EXISTING CENTERLINE MONUMENTS											
13+00.00	0.00'	706840.286	1891880.596	215432.994	576613.288	30041	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY (PC) **(TO BE RESET)**			**1**	
20+16.81	0.00'	707479.339	1892170.087	215627.767	576701.520	30040	1" IRON PIN FOUND IN MONUMENT BOX ASSEMBLY (INT W/ CL R/W RELOCATED TAYLOR RD & PROP CL R/W TAYLOR RD) **(TO BE RESET)**			**1**	
PROPOSED CENTERLINE MONUMENTS											
12+64.63	0.00'	706815.233	1891855.627	215425.359	576605.678	M47	MONUMENT BOX ASSEMBLY SET (PT)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
04+15.00	40.08' RT	706315.573	1891167.832	215273.071	576396.050	30140	3/4" IRON PIPE FOUND W/ CAP "EMHT"				
08+15.36	40.17' RT	706524.184	1891509.550	215336.652	576500.200	30139	MAG NAIL FOUND				
13+82.33	37.78' RT	706876.548	1891965.113	215444.046	576639.048	20686	3/4" IRON PIPE FOUND W/ CAP "EMHT"				**1**
PROPOSED RIGHT-OF-WAY MONUMENTS											
20+16.23	19.50' LT	707480.083	1892150.572	215627.994	576695.572		MAG SPIKE SET (ON HISTORIC CL OF R/W FOR TAYLOR ROAD)				1
20+15.69	36.00' LT	707480.675	1892134.075	215628.174	576690.544		MAG SPIKE SET				1
20+14.87	60.00' LT	707481.587	1892110.082	215628.452	576683.232		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
18+95.56	53.05' LT	707369.080	1892102.540	215594.162	576680.933		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				
13+92.09	92.94' RT	706849.133	1892014.099	215435.691	576653.978		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
13+01.33	40.06' RT	706812.987	1891909.941	215424.674	576622.232		5/8" IRON PIN W/ "ASI FIRM 1648" CAP				1
EXISTING CENTERLINE OF R/W PALMER ROAD											
PROPOSED CENTERLINE MONUMENTS											
17+50.31	0.00'	708838.938	1896208.513	216042.150	577932.364	M48	MONUMENT BOX ASSEMBLY SET (INT W/ CL R/W SERVICE RD "A")			**1**	
22+50.00	0.00'	708806.295	1896707.14	216032.201	578084.337	M49	MONUMENT BOX ASSEMBLY SET (INT W/ CL R/W GEORGIAN DR)			**1**	
EXISTING RIGHT-OF-WAY MONUMENTS AND MISCELLANEOUS MONUMENTS											
07+29.14	30.87' LT	708936.449	1895191.549	216071.869	577622.411	30215	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
12+71.07	59.44' LT	708929.561	1895734.180	216069.770	577787.796	30216	5/8" IRON PIN FOUND W/ CAP "J&H PS 7500"				
25+39.04	43.05' LT	708830.366	1896998.372	216039.537	578173.100	30240	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				**1**
25+39.21	24.66' LT	708812.008	1896997.341	216033.942	578172.786	30203	1/2" IRON PIPE FOUND				**1**
26+75.36	42.89' LT	708821.307	1897134.397	216036.776	578214.558	30239	5/8" IRON PIN FOUND W/ CAP "BENCHMARK SURVEYING"				
26+75.37	25.42' LT	708803.87	1897133.26	216031.462	578214.212	30197	1" IRON PIN FOUND				
27+60.53	21.36' RT	708751.632	1897215.184	216015.540	578239.181	30198	3/4" IRON PIPE FOUND				
28+18.12	7.65' LT	708776.812	1897274.546	216023.215	578257.273	30238	MAG NAIL FOUND				
28+18.29	32.60' LT	708801.703	1897276.343	216030.801	578257.821	30201	3/4" IRON PIPE FOUND W/ ILLEGIBLE CAP				
28+33.16	7.70' LT	708775.878	1897289.553	216022.930	578261.847	30237	MAG NAIL FOUND				
28+33.21	32.59' LT	708800.713	1897291.236	216030.499	578262.360	30196	3/4" BENT IRON PIPE FOUND				
29+61.46	29.77' LT	708789.523	1897419.025	216027.089	578301.308	30195	1" IRON PIN FOUND				
30+50.62	7.48' LT	708761.459	1897506.536	216018.535	578327.980	23275	AXEL FOUND				
30+50.83	17.22' RT	708736.793	1897505.129	216011.018	578327.551	30199	5/8" IRON PIN FOUND				
32+49.52	36.14' LT	708777.062	1897706.887	216023.291	578389.043	30194	5/8" IRON PIN FOUND				
34+00.69	24.52' RT	708706.662	1897853.767	216001.834	578433.810	30200	5/8" IRON PIN FOUND W/ CAP "ENGLAND PS 7452"				
35+34.12	40.50' LT	708762.823	1897991.163	216018.951	578475.686	30193	3/4" IRON PIN FOUND W/ CAP "RD ZANDE"				
							QUANTITY CARRIED TO GENERAL SUMMARY	***25***	***52***	***22***	***205***

HORIZONTAL SCALE IN FEET
0 75 150 300

CENTERLINE PLAT - SHEET 19 OF 19

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SUBSET CL.19 TOTAL CL.19
SHEET RW.20 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: RC019-Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 5:31:39 PM USER: jyoumans
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FRANKLIN COUNTY, FAIRFIELD COUNTY
TRURO TOWNSHIP
CITIES OF COLUMBUS & REYNOLDSBURG
HALF SECTIONS 41 & 42, TOWNSHIP 12, RANGE 21
HALF SECTION 31, TOWNSHIPS 16, RANGES 20
REFUGEE LANDS

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

HALF SECTION 41
HALF SECTION 42

FRANKLIN COUNTY
HALF SECTION 42
TOWNSHIP 12, RANGE 21

HALF SECTION 31
TOWNSHIP 16, RANGE 20
FAIRFIELD COUNTY

BOARD OF EDUCATION OF THE REYNOLDSBURG CITY SCHOOL DISTRICT

BOARD OF EDUCATION OF THE REYNOLDSBURG CITY SCHOOL DISTRICT

INTERSTATE ROUTE 70

CITY OF REYNOLDSBURG
TRURO TOWNSHIP
CITY OF COLUMBUS

Ex LA-R/W

610 615 620 625 630 635 640 0 5 10

OHIO POWER COMPANY

ARMOR & ANCHOR, LLC

14 14 15 16 16 17 17

MATCH LINE STA. 14+00.00 (SEE SHEET RW.22)

1 — 13 *NOT USED*

** 14 BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT

** 15 AMERICANA PROPERTIES, LLC

** 16 FARBER DEVELOPMENT I, LLC

** 17 BRENTWOOD LAKE APARTMENTS, LLC

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 1 OF 6

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.21 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 1 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:23:40 PM USER: mmayes
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITIES OF COLUMBUS, REYNOLDSBURG, & PICKERINGTON
HALF SECTIONS 31, 32, & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

** 14 BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
** 17 BRENTWOOD LAKE APARTMENTS, LLC
** 18 SIMPLY STORAGE REYNOLDSBURG, LLC
19 REMNANT CHURCH OF OHIO, INC.
20 EDGEWATER APARTMENTS, LLC
** 21 HIGHLAND PARK HOLDINGS, LLC
22 BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO
23 TARGET CORPORATION
24 MADNED, LLC
** 25 SHRI SITARAM, INC.
26 CRACKER BARREL OLD COUNTRY STORE, INC.
** 27 HARSHMAN INVESTMENT, LLC

72 — 79 *NOT USED*
** 80 ARBY'S PROPERTIES, LLC
** 81 HUMBLE HOUSE, LLC
82 CHARLIE'S CORNER VENTURES II, LLC
** 84 CHICK-FIL-A, INC.

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 2 OF 6

DESIGN AGENCY
STRUCTUREPOINT

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.22 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 2 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:23:56 PM USER: mmayes
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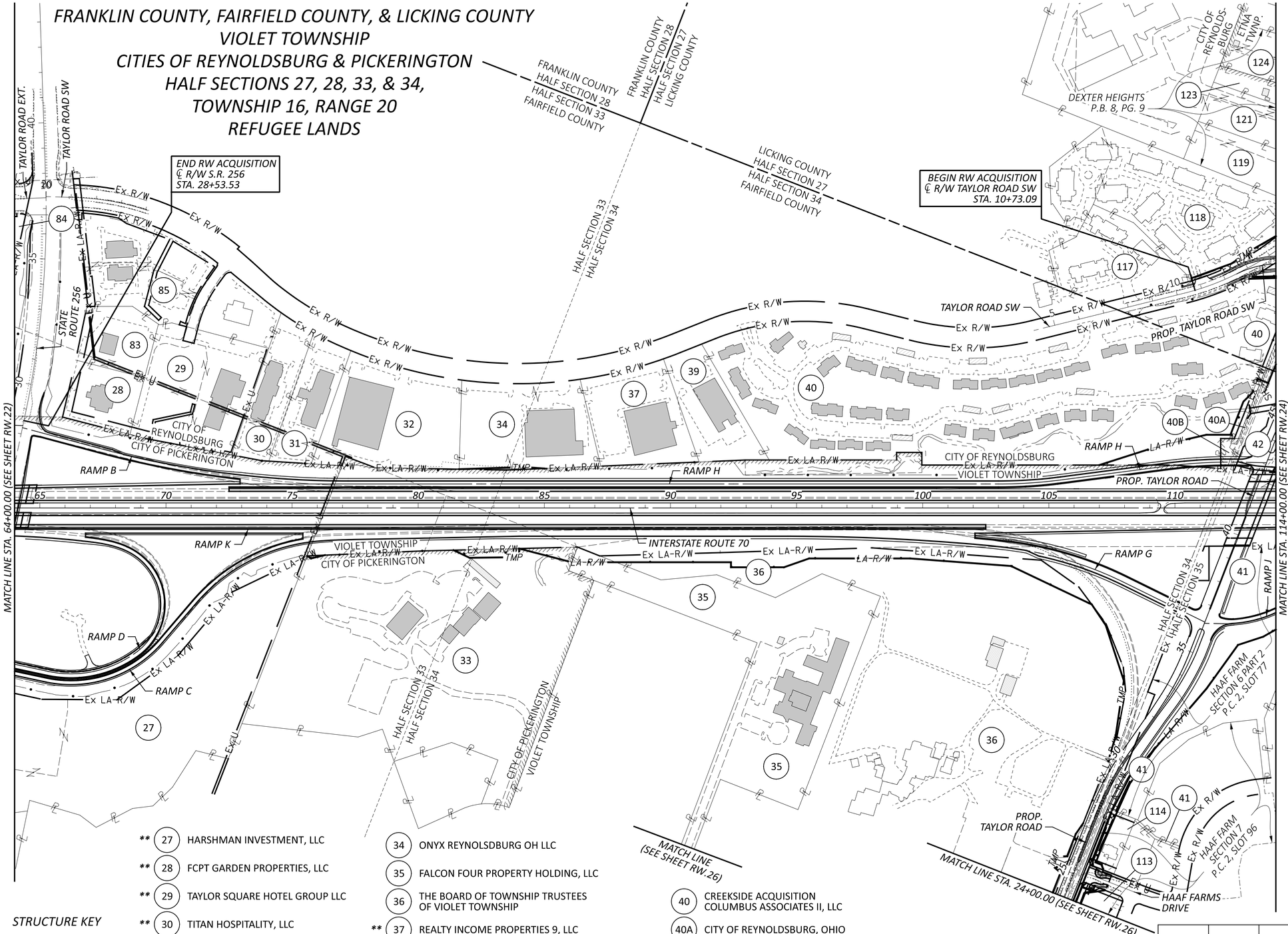
FRANKLIN COUNTY, FAIRFIELD COUNTY, & LICKING COUNTY
VIOLET TOWNSHIP
CITIES OF REYNOLDSBURG & PICKERINGTON
HALF SECTIONS 27, 28, 33, & 34,
TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 100 200 400

** 83 ITHACA III, LLC
** 84 CHICK-FIL-A, INC.
** 85 TAYLOR SQUARE CRI-OP, LLC
113 FRANK GERACI aka FRANK GERACI III AND TAMY GERACI
114 KRISTA L. CERULLO
** 117 TAYLOR SQUARE CONDOMINIUM ASSOCIATION
118 TERRACEVIEW APARTMENTS, LTD.
119 CAROLYN M. YOUSEY
121 BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO
123 GREGORY C. OTTING JR AND MYRNA LEE OTTING
124 LYNN A. HINSHAW AND HSIU C. SHIH

STRUCTURE KEY
RESIDENTIAL
COMMERCIAL
OUT-BUILDING

** 27 HARSHMAN INVESTMENT, LLC
** 28 FCPT GARDEN PROPERTIES, LLC
** 29 TAYLOR SQUARE HOTEL GROUP LLC
** 30 TITAN HOSPITALITY, LLC
** 31 P & S HOTEL GROUP, LLC
** 32 NS RETAIL HOLDINGS, LLC
33 AMERICAN MOTORCYCLE ASSOCIATION, d/b/a AMERICAN MOTORCYCLIST ASSOCIATION
34 ONYX REYNOLSDBURG OH LLC
35 FALCON FOUR PROPERTY HOLDING, LLC
36 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP
** 37 REALTY INCOME PROPERTIES 9, LLC
38 *NOT USED*
** 39 WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE JOHNSON TRUST, DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO
40 CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
40A CITY OF REYNOLDSBURG, OHIO
40B GEORGE A. PAGE AND VIOLET L. PAGE
41 HAAF FARMS HOMEOWNERS ASSOCIATION
42 IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

PROPERTY MAP
SHEET 3 OF 6

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.23 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 3 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:24:12 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RM003.dgn

FRANKLIN COUNTY, LICKING COUNTY
ETNA TOWNSHIP, VIOLET TOWNSHIP, CITY OF REYNOLDSBURG
HALF SECTIONS 25-27, 35, & 36,
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

S1 HAAF FARM SECTION 6 PART 2
P.C. 2, SLOT 77

S2 DEXTER HEIGHTS
P.B. 8, PG. 9

40 CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC

40A CITY OF REYNOLDSBURG, OHIO

41 HAAF FARMS HOMEOWNERS ASSOCIATION

42 IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ

** 43 NETSAI GILBERT TRUSTEE OF THE NETSAI GILBERT TRUST AGREEMENT DATED AUGUST 20, 2021

44 LESLIE K. BAUKNIGHT AND TILLMAN A. BAUKNIGHT, II

45 THOMAS B. PHOMMASATHIT AND BOUNTHANH PHOMMASATHIT

46 DAVID F. BURROUGHS AND DAWN E. BURROUGHS

47A HOMEWOOD CORPORATION

47 FISH BELLY LLC

48 DUANE GOSA

49 DAVID A. POWELL

RELOCATED TAYLOR ROAD

END RW ACQUISITION
℄ R/W RELOCATED TAYLOR ROAD
STA. 22+08.44

CITY OF REYNOLDSBURG

HALF SEC. 27

HALF SEC. 26

HALF SECTION 26
HALF SECTION 25
ETNA TOWNSHIP

CITY OF REYNOLDSBURG

TAYLOR ROAD SW

PROP. TAYLOR ROAD SW

PROP. TAYLOR ROAD

ETNA TOWNSHIP

VIOLET TOWNSHIP

LA-R/W

Ex LA-R/W

END RW ACQUISITION
℄ R/W I.R. 70
STA. 139+35.93

INTERSTATE ROUTE 70

RAMP J

MATCH LINE STA. 114+00.00 (SEE SHEET RW.23)

MATCH LINE STA. 164+00.00 (SEE SHEET RW.25)

HAAF FARM
SECTION 6 PART 1
P.C. 2, SLOT 41

HAAF FARM
SECTION 6 PART 2
P.C. 2, SLOT 77

LICKING COUNTY
HALF SECTION 26
HALF SECTION 35
FAIRFIELD COUNTY

HALF SECTION 26
HALF SECTION 25

HALF SECTION 35
HALF SECTION 36

HALF SECTION 25
HALF SECTION 36

HALF SECTION 25
HALF SECTION 24

BROOKMEADOW
PARK NO. 2
P.B. 7, PG. 114

THE PRESERVE AT HAAF FARM
I.N. 201609060019053

COLONIAL MANOR REPLAT OF
LOTS 4, 5, 6 AND 0.973 ACRE
I.N. 200502250005564

PALMER ROAD

DEXTER HEIGHTS
P.B. 8, PG. 9

SERVICE ROAD "A"

GEORGIAN DRIVE

COLONIAL MANOR
P.B. 7, PG. 58

CLONCH SUBDIVISION NO. 1
P.B. 13, PG. 373

** 50 WAGNER LOUIS-CHARLES AND ALISHARIM K. LOUIS-CHARLES

** 51 RENE L. TENNANT

** 52 NIKOLCE STOJANOVSKI AND MARINA STOJANOVSKA

** 53 NEAL L. MORTON AND CHRISTINE D. MORTON

** 54 JOE H. JACKSON AND THERESA J. JACKSON

** 55 ETNA TOWNSHIP

** 56 KENTON FAIRCHILD II

** 57 MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES

** 58 GREGORY FRAZIER AND CIERRA M. FRAZIER

** 62 STATE OF OHIO

67 — 69 NOT USED

** 70 DIANE P. TAYLOR

** 71 JOHN H. VOGEL

115 NOT USED

116 M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999

118 TERRACEVIEW APARTMENTS, LTD.

119 CAROLYN M. YOUSEY

120 VEDIC WELFARE SOCIETY OF COLUMBUS

121 BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO

122 GARY CARTER AND BETTY CARTER

123 GREGORY C. OTTING JR AND MYRNA LEE OTTING

124 LYNN A. HINSHAW AND HSIU C. SHIH

STRUCTURE KEY

RESIDENTIAL

COMMERCIAL

OUT-BUILDING

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP
SHEET 4 OF 6

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.24 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 4 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:24:28 PM USER: mmayes
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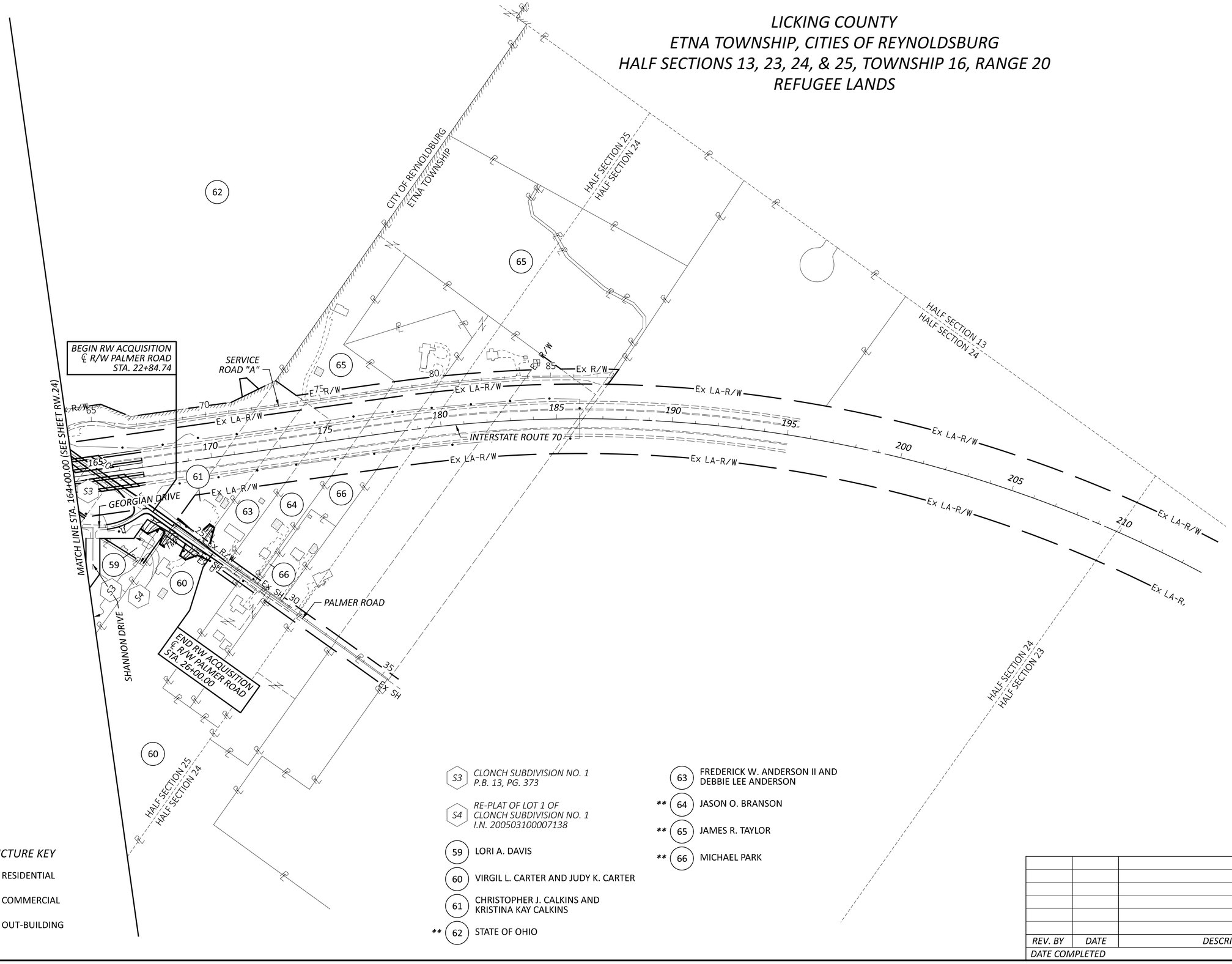
LICKING COUNTY
ETNA TOWNSHIP, CITIES OF REYNOLDSBURG
HALF SECTIONS 13, 23, 24, & 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 100 200 400



STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

- S3 — *CLONCH SUBDIVISION NO. 1 P.B. 13, PG. 373*
- S4 — *RE-PLAT OF LOT 1 OF CLONCH SUBDIVISION NO. 1 I.N. 200503100007138*
- 59 — LORI A. DAVIS
- 60 — VIRGIL L. CARTER AND JUDY K. CARTER
- 61 — CHRISTOPHER J. CALKINS AND KRISTINA KAY CALKINS
- ** 62 — STATE OF OHIO
- 63 — FREDERICK W. ANDERSON II AND DEBBIE LEE ANDERSON
- ** 64 — JASON O. BRANSON
- ** 65 — JAMES R. TAYLOR
- ** 66 — MICHAEL PARK

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

PROPERTY MAP
SHEET 5 OF 6

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.25 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: I70 - Property Map 5 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:24:44 PM USER: mmayes
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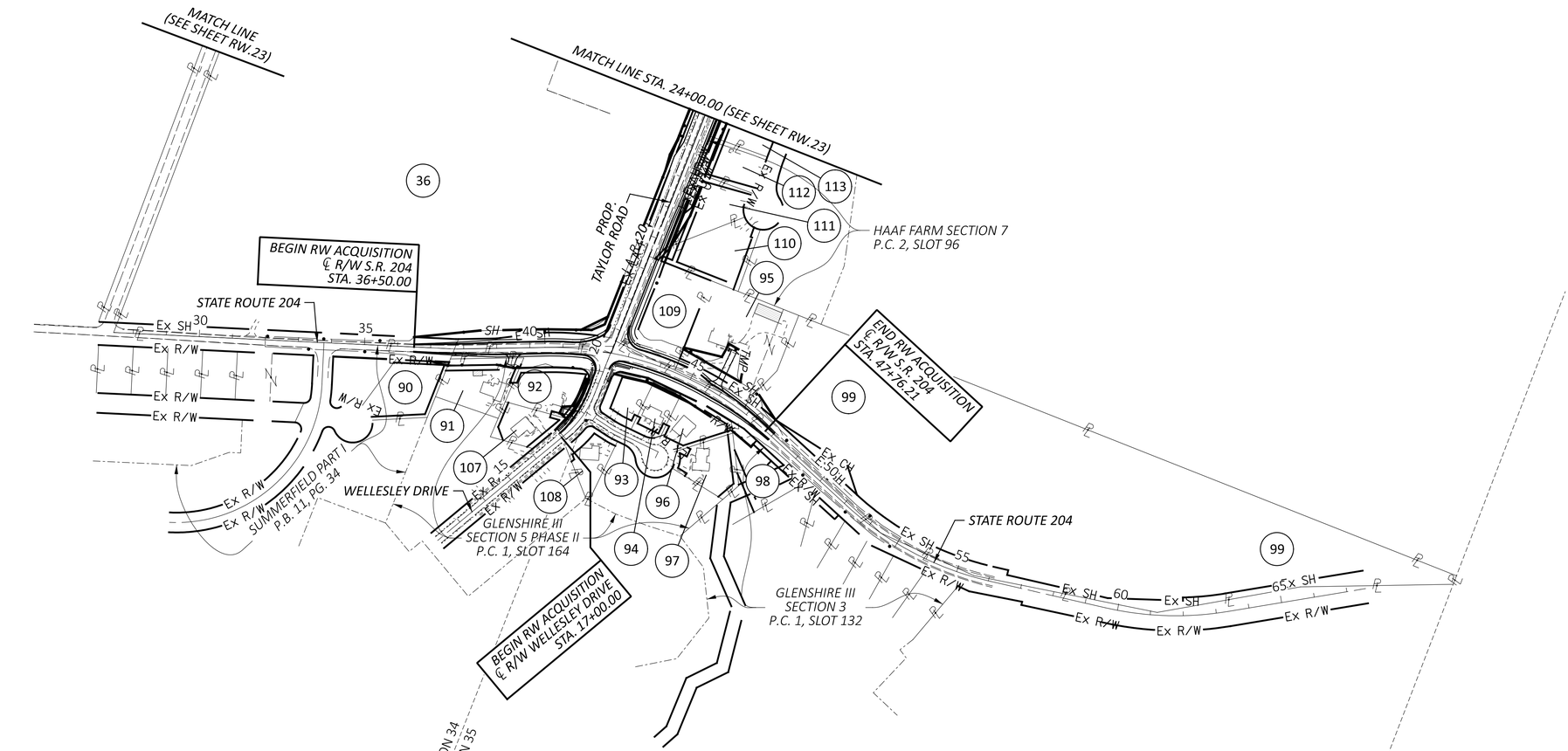
STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 33, & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 100 200 400



86 – 89 *NOT USED*

36 THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP

90 TIMOTHY R. PITT AND KAREN S. PITT, TRUSTEES OF THE TIMOTHY R. PITT & KAREN S. PITT JOINT TRUST EXECUTED APRIL 27, 2018

91 DEBRA ELAINE ROY, TRUSTEE OF THE DEBRA ELAINE ROY TRUST DATED OCTOBER 25, 1999

92 UDELL B. HOLLINS

93 NAJI ALHENNAWI AND ATYEH HINNAWI

94 KEITH A. FINCHER AND MARYLIN E. FINCHER

95 BARBARA A. FIDLER AND GENE A. FIDLER

96 MICHAEL L. SMITH AND LAUREN E. SMITH

** 97 BRYAN R. MOORE AND JULIANNE B. MOORE

98 GLENSHIRE CIVIC ASSOCIATION, INC.

99 GALA VENUE ESCAPE LLC

100 – 106 *NOT USED*

107 AHKEDIR GEMECHU

** 108 THOMAS SKEEN AND KEVIN SKEEN

** 109 STATE OF OHIO

110 CHAD M. LUCHT AND JENNIFER A. KILL

111 RASHID SHAIBU

112 FELCIA WOODS AND DAMON WOODS

113 FRANK GERACI aka FRANK GERACI III AND TAMMY GERACI

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

PROPERTY MAP
SHEET 6 OF 6

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.26 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: SR 204 - Property Map Plan 1 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:24:58 PM USER: mmayes
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TOTAL NUMBER OF :

50 OWNERSHIPS 2 TOTAL TAKES

85 PARCELS 1 OWNERSHIPS W/ STRUCTURES INVOLVED

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF "STATE OF OHIO" (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
1-13	*NOT USED*												
14	BOARD OF PARK COMMISSIONERS OF THE	34,35,38,39,42,43	DB 2743, PG 225	060-004738	8.755								NO ADDITIONAL R/W REQUIRED
	COLUMBUS AND FRANKLIN COUNTY	46,47,50,51,54,55		060-003835	57.136								
	METROPOLITAN PARK DISTRICT	58,59,62,63,64,67		060-004729	135.655								
		70,71,74,75		060-004731	1.345								
				060-004732	49.32								
				060-004733	6.59								
				060-004735	19.563								
				060-004737	8.387								
			DB 306, PG 453	045-08001.00	19.27								
			DB 347, PG 389	045-08010.00	18.42								
				045-08005.00	93.01								
				045-08015.00	126.22								
				045-08020.00	100.0								
				045-08025.00	15.65								
15	AMERICANA PROPERTIES, LLC	32,33	IN 202401170005365	540-216158	3.881								NO ADDITIONAL R/W REQUIRED
16	FARBER DEVELOPMENT I, LLC	32,33,36,37	IN 200306040167112	540-166446	3.467								NO ADDITIONAL R/W REQUIRED
			OR 1228, PG 2387	058-02048.40	3.98								
17	BRENTWOOD LAKE APARTMENTS, LLC	36,37,40,41,44,45	OR 1659, PG 3475	058-02048.00	6.9								NO ADDITIONAL R/W REQUIRED
		48,49		058-02046.00	31.53								
18	SIMPLY STORAGE REYNOLDSBURG LLC	48,49,52,53	IN 202200009389	058-02054.30	8.3								NO ADDITIONAL R/W REQUIRED
19-T	REMNANT CHURCH OF OHIO, INC.	52,53,56,57	IN 202300020215	058-02054.10	5.0	0.000	0.011	0.000	0.011				+1 WOOD POLE W/ LIGHT *, +1 METAL POLE W/ LIGHT *
				058-02050.00	1.42	0.000	0.000	0.000	0.000				TO GRADE AND SEED
	19-T TOTAL				**6.42**	**0.000**	**0.011**	**0.000**	**0.011**				
20-T	EDGEWATER APARTMENTS, LLC	56,57,60,61	OR 1452, PG 2005	058-02055.40	13.35	0.000	0.122	0.000	0.122				TO GRADE AND SEED
				058-02055.60	5.32	0.000	0.000	0.000	0.000				
	20-T TOTAL				**18.67**	**0.000**	**0.122**	**0.000**	**0.122**				
21	HIGHLAND PARK HOLDINGS, LLC	60,61,64,65,68,69	IN 202100030086	058-02055.20	20.83		.						NO ADDITIONAL R/W REQUIRED
22-T	BOARD OF COUNTY COMMISSIONERS	68,69,72,73	DB 514, PG 119	036-08230.00	4.95	0.000	0.196	0.000	0.196				TO RECONSTRUCT A BIKE TRAIL AND TO GRADE AND SEED
	OF FAIRFIELD COUNTY, OHIO			036-08235.00	10.69	0.000	0.063	0.000	0.063				
			OR 1138, PG 1718	041-04675.17	1.0	0.000	0.000	0.000	0.000				
				041-04675.16	4.07	0.000	0.000	0.000	0.000				
	22-T TOTAL				**20.71**	**0.000**	**0.259**	**0.000**	**0.259**				
23-T	TARGET CORPORATION	74,75,78,79,82,83	OR 1466, PG 1695	045-03788.00	15.77	0.000	0.041	0.000	0.041				TO GRADE AND SEED
		176,177											
24-T	MADNED, LLC	72,73,76,77	IN 202300019701	041-04675.00	3.66	0.000	0.023	0.000	0.023				TO GRADE AND SEED
25	SHRI SITARAM, INC.	76,77,80,81	OR 1579, PG 596	041-04675.70	0.57								NO ADDITIONAL R/W REQUIRED
				041-04675.30	1.12								
26-T1	CRACKER BARREL OLD COUNTRY STORE, INC.	80,81,178,179	OR 1458, PG 311	041-04675.11	0.02	0.000	0.000	0.000	0.000				TO GRADE AND SEED
		188,189	DB 590, PG 192	041-04675.10	2.96	0.000	0.008	0.000	0.008				
	26-T1 TOTAL				**2.98**	**0.000**	**0.008**	**0.000**	**0.008**				
26-T2		178,179,188,189	OR 1458, PG 0311	041-04675.11	0.02	0.000	0.000	0.000	0.000				TO GRADE AND SEED
			DB 590, PG 192	041-04675.10	2.96	0.000	0.004	0.000	0.004				
	26-T2 TOTAL				**2.98**	**0.000**	**0.004**	**0.000**	**0.004**				
27	HARSHMAN INVESTMENT LLC	92,93,96,97	OR 1740, PG 4141	041-02405.00	13.044								NO ADDITIONAL R/W REQUIRED
		180-183,188,189											
28	FCPT GARDEN PROPERTIES, LLC	90,91,190,191	OR 1707, PG 2744	045-03782.10	1.49								NO ADDITIONAL R/W REQUIRED
29	TAYLOR SQUARE HOTEL GROUP LLC	90,91,94,95	IN 202200018477	045-03782.20	1.09								NO ADDITIONAL R/W REQUIRED
				045-03782.00	0.77								
				044-03794.20	1.45								
				044-03794.10	1.13								
30	TITAN HOSPITALITY, LLC	94,95	IN 202200023259	045-03790.20	0.49								NO ADDITIONAL R/W REQUIRED
				044-03795.90	1.45								
31	P & S HOTEL GROUP, LLC	94,95,98,99	OR 689, PG 856	045-03790.10	0.37								NO ADDITIONAL R/W REQUIRED
				044-03795.80	1.51								
32	NS RETAIL HOLDINGS, LLC	98,99,102,103	IN 202000026030	045-03790.00	0.15								NO ADDITIONAL R/W REQUIRED
				044-03795.01	4.6								

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED

SUMMARY OF ADDITIONAL R/W PARCELS 11 - 32

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.27 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:35:53 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\RW\Sheets\96808_RS001.dgn

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
33-WL	AMERICAN MOTORCYCLE ASSOCIATION,	92,93,96,97	OR 675, PG 852	041-06263.00	18.95	0.000	0.158	0.000	0.158			**18.792**	NO TAKE ITEMS
	d/b/a AMERICAN MOTORCYCLIST ASSOCIATION	100,101,104,105											
33-T1		96,97		041-06263.00	18.95	0.000	0.009	0.000	0.009				TO GRADE AND SEED
33-T2		100,101		041-06263.00	18.95	0.000	0.172	0.000	0.172				TO GRADE AND SEED
34-T	ONYX REYNOLDSBURG OH LLC	102,103, 106,107		044-03795.14	1.98	0.000	0.022	0.000	0.022				TO GRADE AND SEED
				045-03793.60	2.09	0.000	0.021	0.000	0.021				
	34-T TOTAL				**4.07**	**0.000**	**0.043**	**0.000**	**0.043**				
35-WL	FALCON FOUR PROPERTY HOLDING, LLC	104,105,108,109 112,113	OR 1648, PG 832	036-00733.00	11.78	0.000	0.120	0.000	0.120			**11.660**	NO TAKE ITEMS
36-WL1	THE BOARD OF TOWNSHIP TRUSTEES OF VIOLET TOWNSHIP	104,105,108,109, 112,113,116,117, 184,185,194-201, 210,211	OR 1769, PG 3357	036-00734.00	62.393	0.000	1.809	0.000	1.809				+1095 SF BRUSH PILE, +76.1 LF CHAINLINK FENCE, +1971.5 LF CHAINLINK FENCE*
36-WL2			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.225	0.000	0.225				+5 TREES, +661.7 FT CHAINLINK FENCE, +147.1 LF CHAINLINK FENCE*
36-SH			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.150	0.000	0.150				+25 TREES, +17.6 FT GATE, +159.1 FT CHAINLINK FENCE, +217.9 FT CHAINLINK FENCE*
	36 TOTAL (36-WL1, 36-WL2 & 36-SH)				**62.393**	**0.000**	**2.184**	**0.000**	**2.184**		**60.209**		NET RESIDUE RIGHT OF IR-70, LEFT OF SR 204, & LEFT OF PROPOSED TAYLOR RD
36-PRW			OR 1769, PG 3357	036-00734.00	62.393	N/A	N/A	N/A	N/A				LOSS OF ACCESS, 20.00 FT (ALL OF EX. 20 FT RESERVATION - OR 684 PG 558)
36-T1			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.105	0.000	0.105				+542.4 LF CHAINLINK FENCE; TO GRADE AND SEED
36-T2			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.149	0.000	0.149				+1 TREE, +339.7 LF CHAINLINK FENCE*, 19.9 LF GATE*; TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
36-T3			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.006	0.000	0.006				TO GRADE AND SEED (36 MO. TEMP DURATION)
36-T4			OR 1769, PG 3357	036-00734.00	62.393	0.000	0.024	0.000	0.024				TO GRADE AND SEED (36 MO. TEMP DURATION)
37	REALTY INCOME PROPERTIES 9, LLC	106,107,110,111	OR 1663, PG 2112	045-03793.20	3.19								NO ADDITIONAL R/W REQUIRED
38	*NOT USED*												
39	WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSSORS IN TRUST, UNDER THE JOHNSHON TRUST, DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO	110,111	IN 202300008424	045-03793.00	2.29								NO ADDITIONAL R/W REQUIRED
40-WL	CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC	110,111,114,115, 118,119,122,123, 126,127,204-207, 214, 215	OR 1745, PG 4507	045-03793.10	23.64	0.000	0.909	0.000	0.909				NO TAKE ITEMS
40-WDV			IN 201708230017770	013-027582-00.001	2.762	0.000	0.194	0.000	0.194				+3 TREES*, +1 BUSH*, +156.5 LF FENCE *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
	40 TOTAL (40-WDV & 40-WL)				**26.402**	**0.000**	**1.103**	**0.000**	**1.103**		**25.299**		NET RESIDUE LEFT OF IR-70, LEFT OF PROPOSED TAYLOR RD, & RIGHT OF TAYLOR RD SW
40-PRW1			OR 1745, PG 4507	045-03793.10	23.64	N/A	N/A	N/A	N/A				59.88 FT. OF ACCESS ALONG TAYLOR RD IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W
40-PRW2			IN 201708230017770	013-027582-00.001	2.762	N/A	N/A	N/A	N/A				37.70 FT. OF ACCESS ALONG TAYLOR RD IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W
40-T			IN 201708230017770	013-027582-00.001	2.762	0.000	0.020	0.000	0.020				TO GRADE AND SEED (36 MO. TEMP DURATION)
40A-WL1	CITY OF REYNOLDSBURG, OHIO	126, 127, 204, 205	OR 1121, PG 670	N/A	0.207 (c)	0.207 (c)	0.171	0.171	0.000				+1 TREE*, +3 BUSHES*
40A-WL2		206, 207	IN 200005260016710	N/A	0.263 (c)	0.263 (c)	0.028	0.028	0.000				+1 TREE*, +2 BUSHES*, +312 SQ. FT. PLANTER*
40A-WD		204-207	OR 1121, PG 670	N/A	0.207 (c)	0.207 (c)	0.036	0.036	0.000				+2 TREES*, +7 BUSHES*, +413 SQ. FT. PLANTER*
			IN 200005260016710	N/A	0.263 (c)	0.263 (c)	0.195	0.195	0.000				
	40A-WD TOTAL				**0.470 (c)**	**0.470 (c)**	**0.231**	**0.231**	**0.000**				
	40A TOTAL (40A-WL1, 40A-WL2 & 40A-WD)				**0.470 (c)**	**0.470 (c)**	**0.430**	**0.430**	**0.000**				
40B-WL	GEORGE A. PAGE AND VIOLET L. PAGE	126, 127	DB 223, PG 34	N/A	0.174 (c)	0.174 (c)	0.174	0.174	0.000				*MISSED SPLIT PARCEL LAYING WITHIN STADARD HIGHWAY EASEMENT*
41-WL	HAAF FARMS HOMEOWNERS ASSOCIATION	124,125,128,129	OR 1455, PG 2604	036-05963.00	9.470	0.000	6.273	0.000	6.273				+7 TREES
		186,187,198-203		036-06074.00	0.050	0.000	0.000	0.000	0.000				NET RESIDUE RIGHT OF IR-70 & RIGHT OF PROPOSED TAYLOR RD
	41-WL TOTAL				**9.520**	**0.000**	**6.273**	**0.000**	**6.273**			**3.247**	
41-T		198-201	OR 1455, PG 2604	036-05963.00	9.470	0.000	0.081	0.000	0.081				TO GRADE AND SEED (36 MO. TEMP DURATION)
				036-06074.00	0.050	0.000	0.000	0.000	0.000				
					9.520	**0.000**	**0.081**	**0.000**	**0.081**				

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS
SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY *DATE: 05/05/2025*

OWNERSHIP VERIFIED BY: M.W. MAYES *DATE: 05/19/2025*

DATE COMPLETED

SUMMARY OF ADDITIONAL R/W PARCELS 33 - 41

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.28 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:36:05 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RS002.dgn

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
42-WL	IGNACIO CARREON ALVAREZ AND ROSARIO MARTINEZ GONZALEZ	126,127,130,131 204,205,218	IN 202500003344	036-00789.00	4.087 (c)	0.338 (c)	4.069	0.320	3.749	Y (2)			+1-STY FRAME HOUSE, +1 WOOD DECK, +1 POOL, +1 OUT-BUILDING, + CHICKEN COOP, +2 DRIVES, +400 SQ. FT. BRICK PAVERS, +9 TREES*, +34 TREES, +3 STUMPS, +470 SQ. FT PLANTER, +1 PRV SIGN W/ POSTS DEED ACREAGE = 4.041, AUDITOR'S ACREAGE = 4.04
42-WD		204, 205	IN 202500003344	036-00789.00	4.087 (c)	0.338 (c)	0.018	0.018	0.000				NO TAKE ITEMS
	42 TOTAL (42-WL & 42-WD)				**4.087 (c)**	**0.338 (c)**	**4.087**	**0.338**	**3.749**		**0.000**		NET RESIDUE LEFT OF IR-70 & RIGHT OF PROPOSED TAYLOR RD *42-WL & 42-WD TOGETHER CREATE A **TOTAL TAKE** OF PARCEL 42*
43	NETSAI GILBERT TRUSTEE OF THE NETSAI GILBERT TRUST AGREEMENT DATED AUGUST 20, 2021	186,187	IN 202100022276	036-05694.00	0.760								NO ADDITIONAL R/W REQUIRED
44-WL	LESLIE K. BAUKNIGHT AND TILLMAN A. BAUKNIGHT, II	186,187	IN 202100002055	036-05695.00	0.970	0.000	0.175	0.000	0.175			**0.795**	+2 TREES
45-WL	THOMAS B. PHOMMASATHIT AND BOUNTHANH PHOMMASATHIT	128,129,186,187	OR 1251, PG 30	036-05696.00	1.060	0.000	0.476	0.000	0.476			**0.584**	+1 TREE
46-WL	DAVID F. BURROUGHS AND DAWN E. BURROUGHS	128,129	OR 1776, PG 4089	036-05697.00	1.001	0.000	0.227	0.000	0.227			**0.774**	NO TAKE ITEMS
47A-WL	HOMEWOOD CORPORATION	130,131,134,135 218,219	OR 440, PG 130 OR 3503, PG 135	N/A	1.034 (c)	0.000	1.034	0.000	1.034		**0.000**		*MISSED SPLIT PARCEL; **TOTAL TAKE***
47-WL	FISH BELLY LLC	130,131,134,135	IN 202309050016101	012-027450-00.000	15.313	0.000	0.045	0.000	0.045				NO TAKE ITEMS
		138,139,142,143		010-017448-00.000	12.521	0.000	0.576	0.000	0.576				
		146,147,150,151		012-027450-01.000	0.799	0.000	0.000	0.000	0.000				
	47-WL TOTAL	218,219			**28.633**	**0.000**	**0.621**	**0.000**	**0.621**		**28.012**		
47-PRW		130,131,134,135 218,219	IN 202309050016101	012-027450-00.000	15.313	N/A	N/A	N/A	N/A				268.14 FT. OF ACCESS ALONG IR-70 IS BEING LIMITED BY CONVERSION OF EX. R/W TO LIMITED ACCESS R/W EX. 16 FT ACCESS EASE. (I.N. 202309050016101 - FAIRFIELD COUNTY) TO BE RELEASED
48-WL	DUANE GOSA	128,129	OR 1254, PG 1093	036-05698.00	0.856	0.000	0.062	0.000	0.062			**0.794**	NO TAKE ITEMS
49-WL	DAVID A. POWELL	128,129,132,133	OR 1791, PG 4319	036-05699.00	0.794	0.000	0.015	0.000	0.015			**0.779**	NO TAKE ITEMS
50	WAGNER LOUIS-CHARLES AND ALISHARIM K. LOUIS-CHARLES	132,133	OR 1408, PG 2442	036-05700.00	0.810								NO ADDITIONAL R/W REQUIRED
51	RENE L. TENNANT	132,133	OR 1682, PG 1272 IN 202400001797	036-05701.00	0.929								NO ADDITIONAL R/W REQUIRED
52	NIKOLCE STOJANOVSKI AND MARINA STOJANOVSKA	132,133,136,137		036-05702.00	1.127								NO ADDITIONAL R/W REQUIRED
53	NEAL L. MORTON AND CHRISTINE D. MORTON	132,133,136,137	OR 1244, PG 324	036-05703.00	1.387								NO ADDITIONAL R/W REQUIRED
54	JOE H. JACKSON AND THERESA J. JACKSON	136,137	OR 1479, PG 1364	036-05704.00	1.779								NO ADDITIONAL R/W REQUIRED
55	ETNA TOWNSHIP	136,137,140,141 144,145,148,149 152,153,156,157 160,161	IN 201610190023113	010-016752-00.001 010-016752-00.005	8.61 2.50								NO ADDITIONAL R/W REQUIRED
56	KENTON FAIRCHILD II	158,159,162,163	IN 202303200004718	010-018240-00.000	6.420								NO ADDITIONAL R/W REQUIRED
57	MICHELLE M. WILLIAMS TRUST SHARE OF THE CARLTON IRREVOCABLE TRUST, MICHELLE M. WILLIAMS, JENNIFER R. CARLTON AND AMANDA E. CARLTON, CO-TRUSTEES	162,163,166,167	IN 201306240016026	010-018852-00.000	1.98								NO ADDITIONAL R/W REQUIRED
58	GREGORY FRAZIER AND CIERRA M. FRAZIER	160,161	IN 202308080014094	010-021330-00.000	0.33								NO ADDITIONAL R/W REQUIRED
59-T	LORI A. DAVIS	164,165,168,169 216,217	IN 201110250020216	010-017910-00.002	0.54	0.000	0.080	0.000	0.080				+4 TREES, +5 BUSHES, +29 SF LANDSCAPE AREA*, +350 SF LANDSCAPE AREA W/ WALL (37 SF*) TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
60-T1	VIRGIL L. CARTER AND JUDY K. CARTER	216,217	IN 200910220023050	010-016902-00.000	31.807	0.322	0.06	0.000	0.060				+1 BUSH; TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
60-T2		216,217	IN 200910220023050	010-016902-00.000	31.807	0.322	0.072	0.000	0.072				+1 TREE, +1 TREE*, +6 BUSHES, +2 BUSHES *, +153 SF LANDSCAPE AREA W/ FLOWERS (29 SF*) TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
61-T1	CHRISTOPHER J. CALKINS AND KRISTINA KAY CALKINS	168,169,172,173 216,217	IN 200701100000891	010-025338-00.000	0.72	0.000	0.004	0.000	0.004				TO GRADE AND SEED (24 MO. TEMP DURATION)
61-T2			IN 200701100000891	010-025338-00.000	0.72	0.000	0.048	0.000	0.048				+4 BUSHES, +1 LARGE ROCK * TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)

TYPES OF TITLE LEGEND:
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WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

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REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED

SUMMARY OF ADDITIONAL R/W PARCELS 42 - 61

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.29 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:36:16 PM USER: jyoumans
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NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
62	STATE OF OHIO	166,167,170,171	OR 233, PG 589	013-016956-00.000	111.921								NO ADDITIONAL R/W REQUIRED
		174,175		013-027284-00.000	50.28								
				013-027284-01.000	48.39								
				013-027618-00.000	20.6								
				013-027330-00.001	29.28								
63-T	FREDERICK W. ANDERSON II AND	168,169,172,173	IN 201806210012663	010-019746-00.000	1.029	0.000	0.019	0.000	0.019				+1 BUSH, +5 BUSHES*
	DEBBIE LEE ANDERSON	216,217	IN 202101190001729										TO GRADE AND SEED (24 MO. TEMP DURATION)
64	JASON O. BRANSON	172,173,216,217	IN 202011030029505	010-017844-00.000	1.638								NO ADDITIONAL R/W REQUIRED
65	JAMES R. TAYLOR	174,175	DB 663, PG 201	010-025224-00.000	3.393								NO ADDITIONAL R/W REQUIRED
66	MICHAEL PARK	172,173	IN 201711130024741	010-016722-01.000	0.91								NO ADDITIONAL R/W REQUIRED
67-69	*NOT USED*												
70	DIANE P. TAYLOR	150,151	IN 199805010016215	012-028452-00.000	2.28								NO ADDITIONAL R/W REQUIRED
			IN 200904220008368										
71	JOHN H. VOGEL	150,151,154,155	OR 328, PG 504	012-028350-00.000	4.00								NO ADDITIONAL R/W REQUIRED
			OR 498, PG 713										
72-79	*NOT USED*												
80	ARBY'S PROPERTIES, LLC	188,189	OR 1704, PG 3378	041-04675.40	0.93								NO ADDITIONAL R/W REQUIRED
81	HUMBLE HOUSE, LLC	188,189	OR 1758, PG 3453	041-04675.60	1.04								NO ADDITIONAL R/W REQUIRED
82-T	CHARLIE'S CORNER VENTURES II, LLC	176,177,190,191	OR 1779, PG 3414	045-03788.20	1.44	0.000	0.014	0.000	0.014				TO GRADE AND SEED
				044-03791.11	0.04	0.000	0.000	0.000	0.000				
	82-T TOTAL				**1.48**	**0.000**	**0.014**	**0.000**	**0.014**				
83	ITHACA III, LLC	190-193	OR 1581, PG 3787	044-03793.30	1.48								NO ADDITIONAL R/W REQUIRED
				044-03782.11	0.11								
84	CHICK-FIL-A, INC.	190-193	OR 1762, PG 3233	044-03791.00	2.13								NO ADDITIONAL R/W REQUIRED
				045-03783.10	0.03								
85	TAYLOR SQUARE CRI-OP, LLC	192,193	IN 202300004127	044-03793.11	1.69								NO ADDITIONAL R/W REQUIRED
				044-03793.15	2.19								
86-89	*NOT USED*												
90-T	TIMOTHY R. PITT AND KAREN S. PITT,	210,211	OR 1803, PG 568	036-02107.00	0.546	0.000	0.008	0.000	0.008				+2 TREES*
	TRUSTEES OF THE TIMOTHY R. PITT & KAREN S. PITT JOINT TRUST EXECUTED APRIL 27, 2018												TO GRADE AND SEED (24 MO. TEMP DURATION)
91-T	DEBRA ELAINE ROY, TRUSTEE OF THE DEBRA ELAINE ROY TRUST DATED OCTOBER 25, 1999	210,211	OR 1788, PG 2677	036-04965.00	0.672	0.000	0.010	0.000	0.010				+15 TREES*, +8.8 LF FENCE*
													TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
92-WDV	UDELL B. HOLLINS	194,195,210,211	OR 1724, PG 3602	036-04967.00	0.648	0.000	0.013	0.000	0.013		**0.635**		+4 TREES*, +14 BUSHES*, +519 SF LANDSCAPE AREA (472 SF*)
													TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO"
92-T		194,195		036-04967.00	0.648	0.000	0.039	0.000	0.039				+1 TREE, +3 BUSHES, +36.2 SF LANDSCAPE AREA
													TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (24 MO. TEMP DURATION)
93-WD	NAJI ALHENNAWI AND ATYEH HINNAWI	194,195	OR 1785, PG 3381	036-04968.00	0.410	0.000	0.031	0.000	0.031			**0.379**	+5 BUSHES, +11 BUSHES*, +834.8 SF LANDSCAPE AREA (344.3 SF*), +75.6 FT FENCE
94-WD	KEITH A. FINCHER AND MARYLIN E. FINCHER	194,195,212,213	OR 662, PG 990	036-04969.00	0.324	0.000	0.019	0.000	0.019			**0.305**	+3 BUSHES, +1 BUSH*, +91 FT 6' WOOD FENCE
95-SH	BARBARA A. FIDLER AND GENE A. FIDLER	212,213	DB 614, PG 604	036-00781.10	1.64	0.197	0.134	0.000	0.134				+6 TREES, +3 TREE*, +4 BUSHES*, +1 ROCK*
				036-00781.20	0.28	0.002	0.008	0.000	0.008				+161.4 SF LANDSCAPE AREA, +158.2 FT 4' WOOD FENCE
	95-SH TOTAL				**1.92**	**0.199**	**0.142**	**0.000**	**0.142**		**1.579**		NET RESIDUE RIGHT OF PROPOSED TAYLOR RD & LEFT OF SR 204
95-T		212,213	DB 614, PG 604	036-00781.10	1.64	0.197	0.192	0.000	0.192				+3 TREES, +54.4 FT 4' WOOD FENCE
				036-00781.20	0.28	0.002	0.000	0.000	0.000				TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED
	95-T TOTAL				**1.92**	**0.199**	**0.192**	**0.000**	**0.192**				(24 MO. TEMP DURATION)
96-WD	MICHAEL L. SMITH AND LAUREN E. SMITH	212,213	OR 1729, PG 1740	036-04970.00	0.370	0.000	0.078	0.000	0.078			**0.292**	+7 TREES, +7 BUSHES, +2 BUSHES*, +187.4 FT 6' WOOD FENCE
97	BRYAN R. MOORE AND JULIANNE B. MOORE	212,213	DB 680, PG 942	036-04971.00	0.406								NO ADDITIONAL R/W REQUIRED
98-WD	GLENSHIRE CIVIC ASSOCIATION, INC.	212,213	DB 642, PG 21	036-04515.00	5.150	0.000	0.051	0.000	0.051			**5.099**	+12 TREES, +2 TREES*, +31.3 FT 6' WOOD FENCE
99-SH	GALA VENUE ESCAPE LLC	212,213	IN 202200001880	036-00781.00	17.39	1.701	0.033	0.000	0.033		**15.656**		NO TAKE ITEMS

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS
SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED

SUMMARY OF ADDITIONAL R/W PARCELS 62-99

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.30 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:36:28 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RS004.dgn

NET TAKE = GROSS TAKE - PRO IN TAKE

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

ALL AREAS ARE IN ACRES (UNLESS OTHERWISE STATED)

PARCEL NO.	OWNER	RW SHEET NO.	OWNER'S RECORD	AUDITOR'S PARCEL NO.	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	REMARKS
100-106	*NOT USED*												
107-T	AHKEDIR GEMECHU	194,195	IN 202200004245	036-04966.00	0.479	0.000	0.002	0.000	0.002				TO GRADE AND SEED (24 MO. TEMP DURATION)
108	THOMAS SKEEN AND KEVIN SKEEN	194,195	IN 202400006909	036-04975.00	0.417								NO ADDITIONAL R/W REQUIRED
109	STATE OF OHIO	194-197,212,213	OR 687, PG 340	036-00782.00	1.3								+3 TREES*; NO ADDITIONAL R/W REQUIRED
110-WL	CHAD M. LUCHT AND JENNIFER A. KILL	196,197	OR 1385, PG 1916	036-06062.00	0.646	0.000	0.013	0.000	0.013			**0.633**	NO TAKE ITEMS
111-WL	RASHID SHAIBU	196,197	OR 1759, PG 1691	036-06063.00	0.636	0.000	0.063	0.000	0.063			**0.573**	NO TAKE ITEMS
111-T		196,197	OR 1759, PG 1691	036-06063.00	0.636	0.000	0.083	0.000	0.083				+5 TREES, +2 BUSHES; TO GRADE AND SEED (36 MO. TEMP DURATION)
112-WL	FELICIA WOODS AND DAMON WOODS	196-199	OR 1719, PG 2418	036-06064.00	0.501	0.000	0.031	0.000	0.031			**0.470**	NO TAKE ITEMS
112-T		196-199	OR 1719, PG 2418	036-06064.00	0.501	0.000	0.055	0.000	0.055				+7 TREES, +130 FT FENCE; TO GRADE AND SEED (36 MO. TEMP DURATION)
113-WL	FRANK GERACI aka FRANK GERACI III AND TAMMY GERACI	198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.037	0.000	0.037				NO TAKE ITEMS
113-WDV		198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.020	0.000	0.020				*TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO"*
	113 TOTAL (113-WL & 113-WDV)				**0.404**	**0.000**	**0.057**	**0.000**	**0.057**			**0.347**	
113-T		198,199	OR 1501, PG 3633	036-06065.00	0.404	0.000	0.072	0.000	0.072				TO GRADE AND SEED (36 MO. TEMP DURATION)
114-WL	KRISTA L. CERULLO	198,199	OR 1713, PG 2806	036-06066.00	0.485	0.000	0.063	0.000	0.063			**0.422**	NO TAKE ITEMS
114-T		198,199	OR 1713, PG 2806	036-06066.00	0.485	0.000	0.101	0.000	0.101				+3 TREES; TO GRADE AND SEED (36 MO. TEMP DURATION)
115	*NOT USED*												
116-WL	M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999	204-207,218,219	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	1.608	0.017	1.591				NO TAKE ITEMS
116-WD		204-207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.107	0.107	0.000				
116-WDV		206,207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.638	0.121	0.517				*TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
	116 TOTAL (116-WL, 116-WD & 116-WDV)				**9.6**	**0.245**	**2.353**	**0.245**	**2.108**			**7.247**	
116-T		206,207	IN 200005160015386 IN 202405150008174	012-027366-00.000	9.6	0.245	0.053	0.000	0.053				TO RECONSTRUCT ONE DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
117	TAYLOR SQUARE CONDOMINIUM ASSOCIATION	214,215	IN 200211060042143	N/A (COMMON AREA)	N/A								NO ADDITIONAL R/W REQUIRED, +2 TREES*, +3 BUSHES*
118-T	TERRACEVIEW APARTMENTS, LTD.	206,207,214,215	IN 201309040022621	013-027582-00.000	6.947	0.000	0.153	0.000	0.153				+33.7 FT FENCE, +172.3 SF CONC WALK, +31 BUSHES*, +3 BUSHES, +2 ROCKS*, +1 POST* +5 TREES*, +1 TREE; TO GRADE AND SEED (36 MO. TEMP DURATION)
119-T	CAROLYN M. YOUSEY	206-209	IN 202205110011879	013-029502-00.000	3.12	0.000	0.014	0.000	0.014				TO GRADE AND SEED (36 MO. TEMP DURATION)
				013-029496-00.000	0.75	0.000	0.000	0.000	0.000				
	119-T TOTAL				**3.87**	**0.000**	**0.014**	**0.000**	**0.014**				
120-WDV	VEDIC WELFARE SOCIETY OF COLUMBUS	206-209	IN 202405300009092	012-027528-00.000	4.819	0.000	0.241	0.000	0.241			**4.578**	+2 TREES, +2 STUMPS, +1 ROCK, +3 YARD LIGHT, +2 LIGHT POLES*, +1 FLAG POLE *TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
120-T		208,209	IN 202405300009092	012-027528-00.000	4.819	0.000	0.032	0.000	0.032				+2 YARD LIGHTS; TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
121-WDV	BOARD OF EDUCATION OF REYNOLDSBURG CITY SCHOOL DISTRICT, FAIRFIELD, FRANKLIN AND LICKING COUNTIES, OHIO	208,209	IN 200209130034236	013-027582-00.003	13.346	0.000	0.074	0.000	0.074		**13.272**		NO TAKE ITEMS *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
121-T		208,209	IN 200209130034236	013-027582-00.003	13.346	0.000	0.066	0.000	0.066				TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
122-T	GARY CARTER AND BETTY CARTER	208,209	IN 201310040025060	012-028488-00.000	4.586	0.000	0.003	0.000	0.003				TO GRADE AND SEED (36 MO. TEMP DURATION)
122-SWV		208,209	IN 201310040025060	012-028488-00.000	4.586	0.000	0.021	0.000	0.021				+4 TREES; TO CONSTRUCT AND MAINTAIN A STORM SEWER *TO BE ACQ. IN THE NAME OF "BOARD OF COUNTY COMMISSIONERS OF LICKING COUNTY, OHIO"*
123-WDV	GREGORY C. OTTING JR AND MYRNA LEE OTTING	208,209	IN 202106210018675	013-027852-00.000	1.21	0.038	0.058	0.038	0.020		**1.152**		NO TAKE ITEMS *TO BE ACQ. IN THE NAME OF "CITY OF REYNOLDSBURG, OHIO"*
123-T		208,209	IN 202106210018675	013-027852-00.000	1.21	0.038	0.016	0.000	0.016				TO RECONSTRUCT A DRIVE AND TO GRADE AND SEED (36 MO. TEMP DURATION)
124-T	LYNN A. HINSHAW AND HSIU C. SHIH	208,209	IN 201509030018972	012-027882-00.000	2.67	0.071	0.030	0.000	0.030				TO GRADE AND SEED (36 MO. TEMP DURATION)

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
WDV = WARRANTY DEED IN THE NAME OF OTHERS
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
SWV = SEWER EASEMENT IN THE NAME OF OTHERS

\+ DENOTES REMOVAL ITEMS SEE CORRESPONDING RIGHT OF WAY PLAN SHEET FOR DESCRIPTION

** DENOTES RIGHT OF WAY ENCROACHMENT*

(c) = CALCULATED AREA

NOTE: ALL TEMPORARY PARCELS TO BE OF 60 MONTH DURATION UNLESS OTHERWISE NOTED.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

REV. BY	DATE	DESCRIPTION

FIELD REVIEW BY: R.A. MOSELEY DATE: 05/05/2025

OWNERSHIP VERIFIED BY: M.W. MAYES DATE: 05/19/2025

DATE COMPLETED

SUMMARY OF ADDITIONAL R/W PARCELS 100-124

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.31 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:36:39 PM USER: jyoumans
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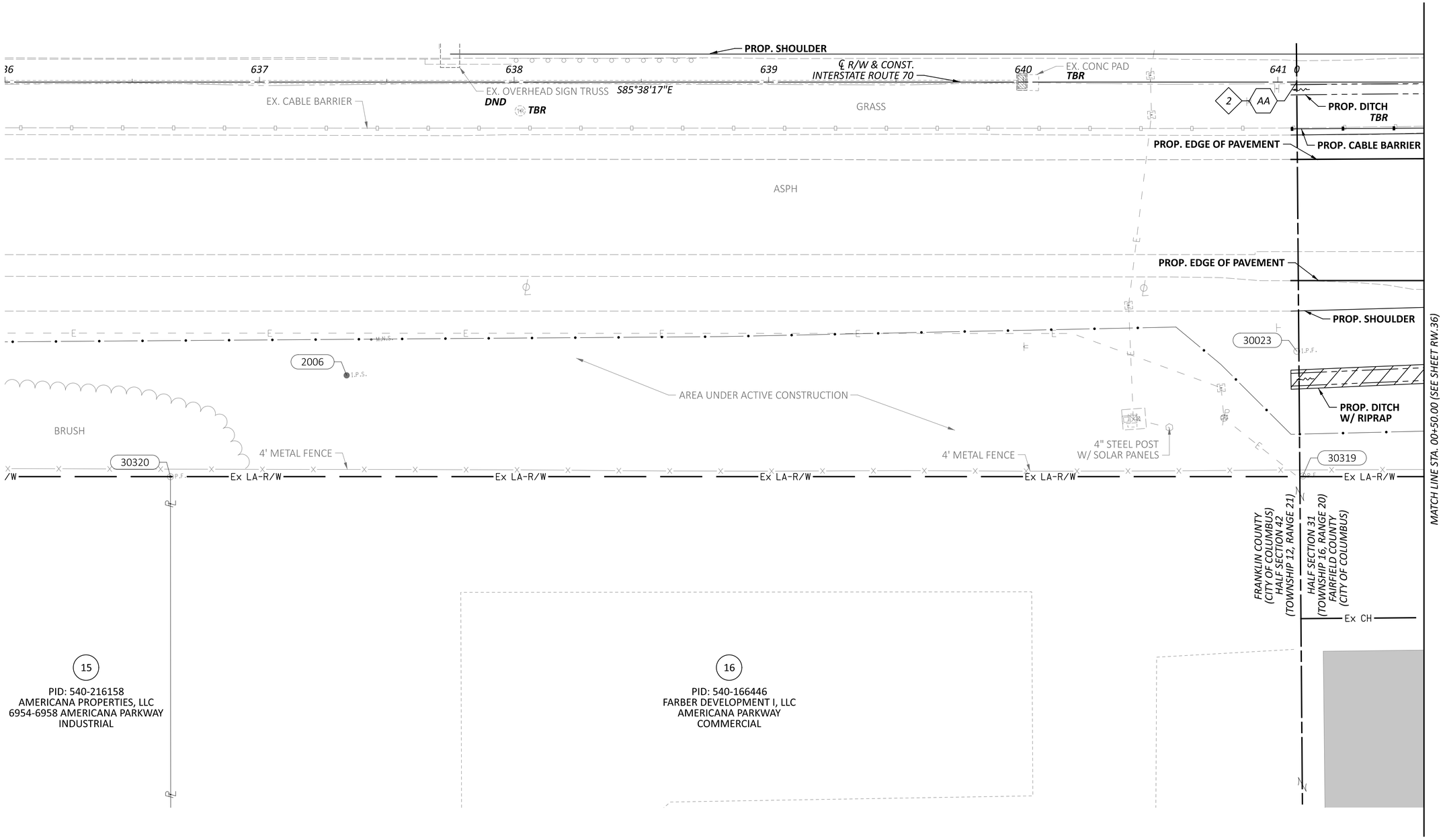
FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31 & 42, TOWNSHIP 12 & 16, RANGE 20 & 21
REFUGEE LANDS



2 AA *STA. 641+07.44 BK (FRA.) =*
STA. 00+00.00 AH (FAI)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 636+00.00 TO STA 00+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.32 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT001 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:25:32 PM USER: mmayes
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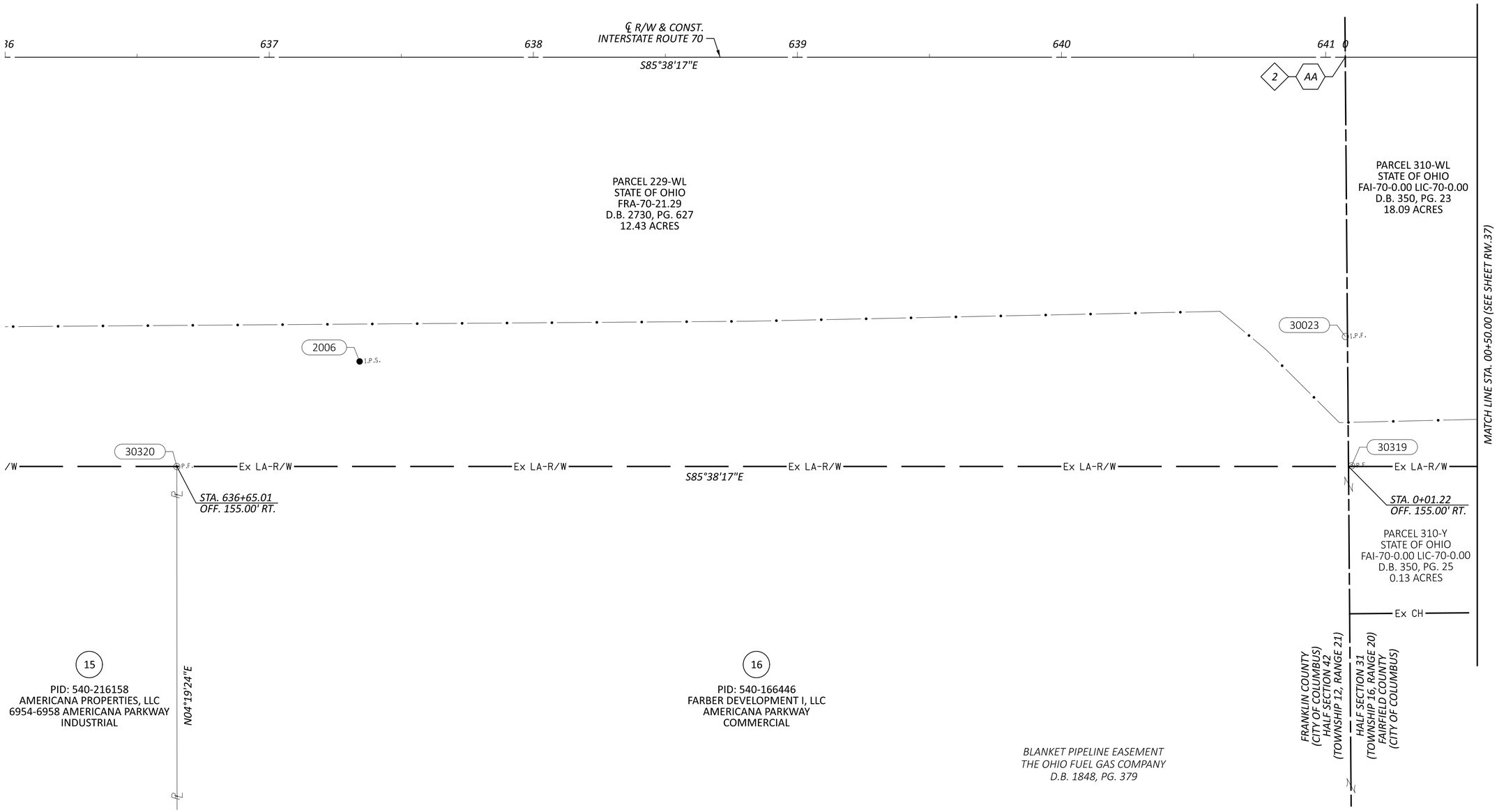
FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31 & 42, TOWNSHIP 12 & 16, RANGE 20 & 21
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 636+00.00 TO STA 00+50.00



2 AA STA. 641+07.44 BK (FRA.) = STA. 00+00.00 AH (FAI)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.33 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB001 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:25:55 PM USER: mmayes
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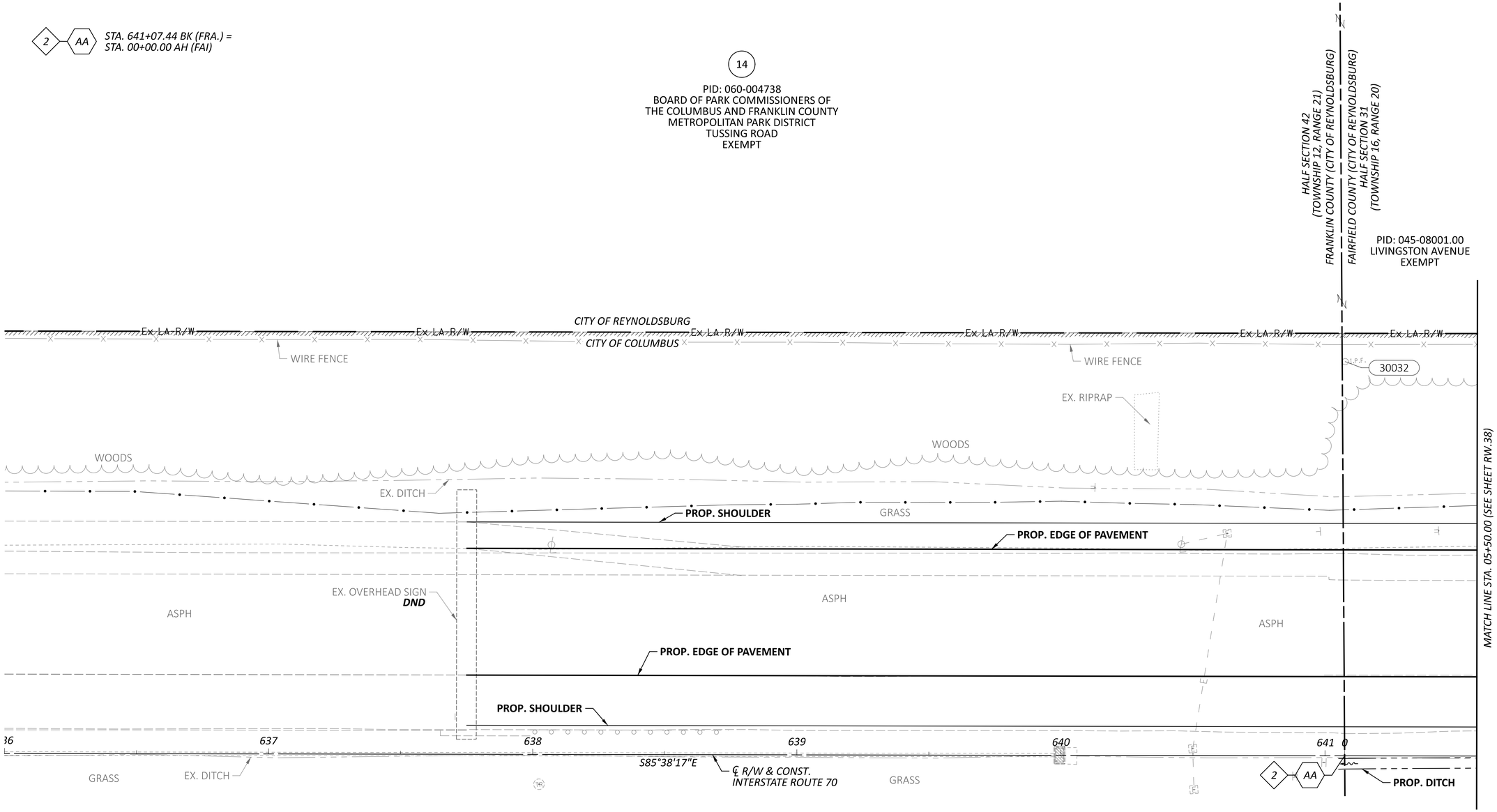
FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31 & 42, TOWNSHIP 12 & 16, RANGE 20 & 21
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 636+00.00 TO STA 00+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT901 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:26:32 PM USER: mmayes
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.34 TOTAL RW.220

FRANKLIN COUNTY & FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31 & 42, TOWNSHIP 12 & 16, RANGE 20 & 21
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 060-004738
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
TUSSING ROAD
EXEMPT

HALF SECTION 42
(TOWNSHIP 12, RANGE 21)
FRANKLIN COUNTY (CITY OF REYNOLDSBURG)

FAIRFIELD COUNTY (CITY OF REYNOLDSBURG)
HALF SECTION 31
(TOWNSHIP 16, RANGE 20)

PID: 045-08001.00
LIVINGSTON AVENUE
EXEMPT

STA 641+06.18
OFF 160.00' LT

Ex LA R/W — Ex LA R/W — *CITY OF REYNOLDSBURG* — Ex LA R/W — Ex LA R/W — Ex LA R/W — Ex LA R/W

CITY OF COLUMBUS

S85°38'17"E

I.P.F.
30032

PARCEL 229-WL
STATE OF OHIO
FRA-70-21.29
D.B. 2730, PG. 627
12.43 ACRES

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

MATCH LINE STA. 05+50.00 (SEE SHEET RW.39)

℄ R/W & CONST.
INTERSTATE ROUTE 70

636 *637* *638* *639* *640* *641*

S85°38'17"E

2 AA

STA. 641+07.44 BK (FRA.) =
STA. 00+00.00 AH (FAI)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 636+00.00 TO STA 00+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.35 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB901 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:26:54 PM USER: mmayes
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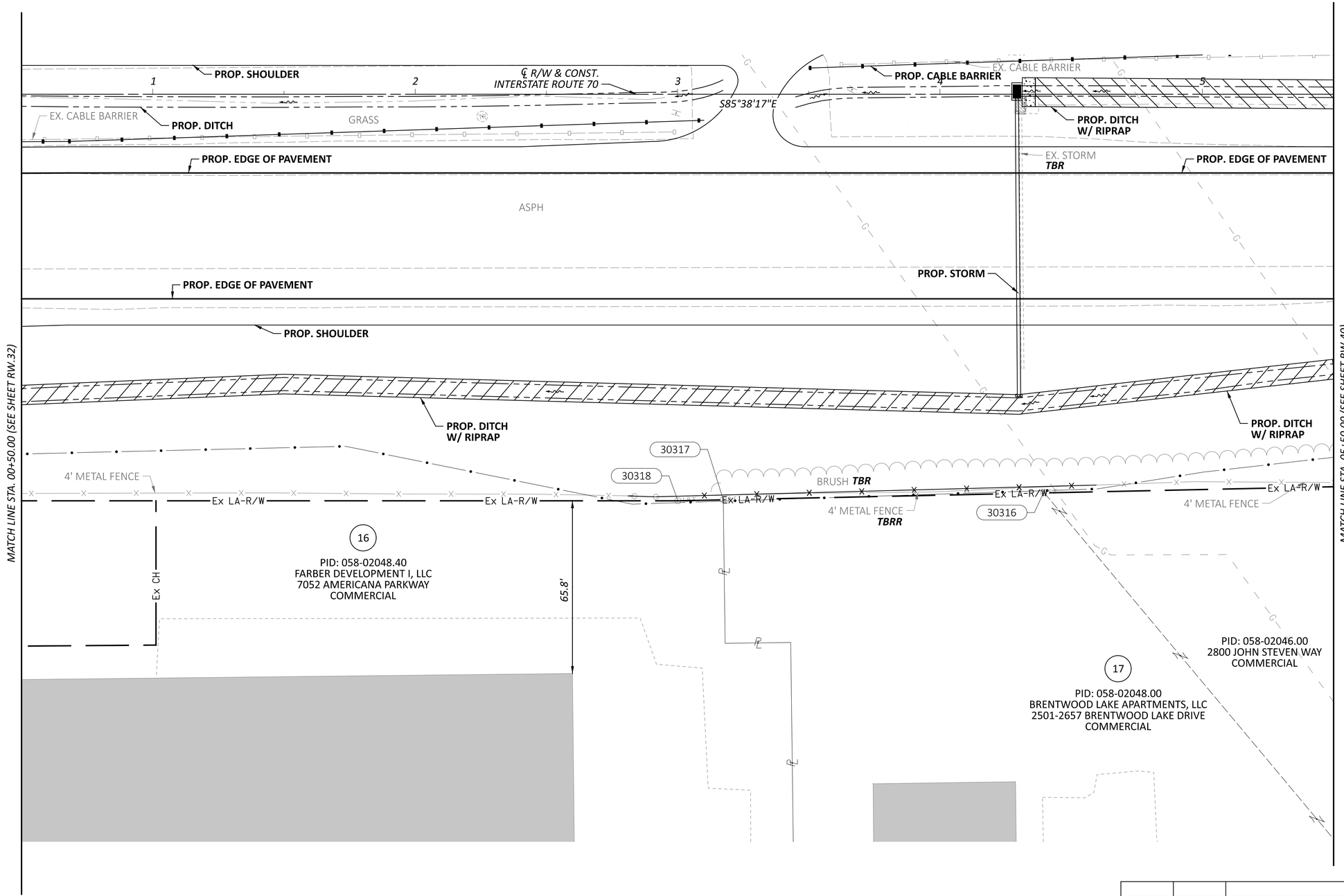
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.36 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT002 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:27:30 PM USER: mmayes
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

1 2 3 4 5

S85°38'17"E

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

MATCH LINE STA. 00+50.00 (SEE SHEET RW.33)

Ex LA-R/W

S85°38'17"E

Ex LA-R/W

Ex LA-R/W

S86°51'57"E

Ex LA-R/W

Ex LA-R/W

MATCH LINE STA. 05+50.00 (SEE SHEET RW.41)

30317

30318

30316

STA. 3+00.00
OFF. 155.00' RT.

STA. 3+17.41
OFF. 154.63' RT.

N03°37'30"E

PARCEL 310-Y
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 25
0.13 ACRES

Ex CH

16

PID: 058-02048.40
FARBER DEVELOPMENT I, LLC
7052 AMERICANA PARKWAY
COMMERCIAL

17

PID: 058-02048.00
BRENTWOOD LAKE APARTMENTS, LLC
2501-2657 BRENTWOOD LAKE DRIVE
COMMERCIAL

17

PID: 058-02046.00
2800 JOHN STEVEN WAY
COMMERCIAL

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 00+50.00 TO STA 05+50.00

DESIGN AGENCY
MICHAEL BAKER INTERNATIONAL STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.37 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB002 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:27:52 PM USER: mmayes
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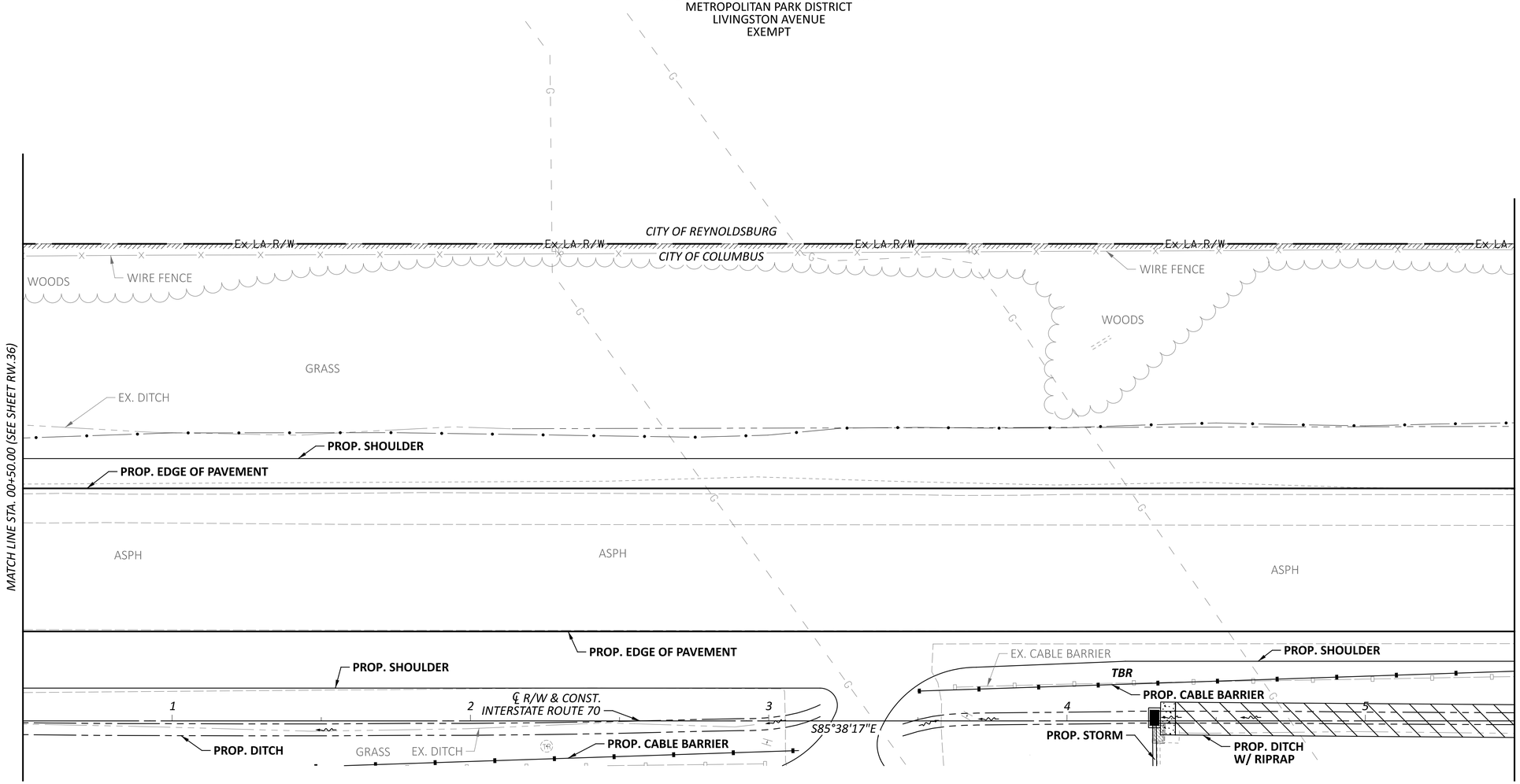
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WESTON & STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.38 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT902 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:28:29 PM USER: mmayes
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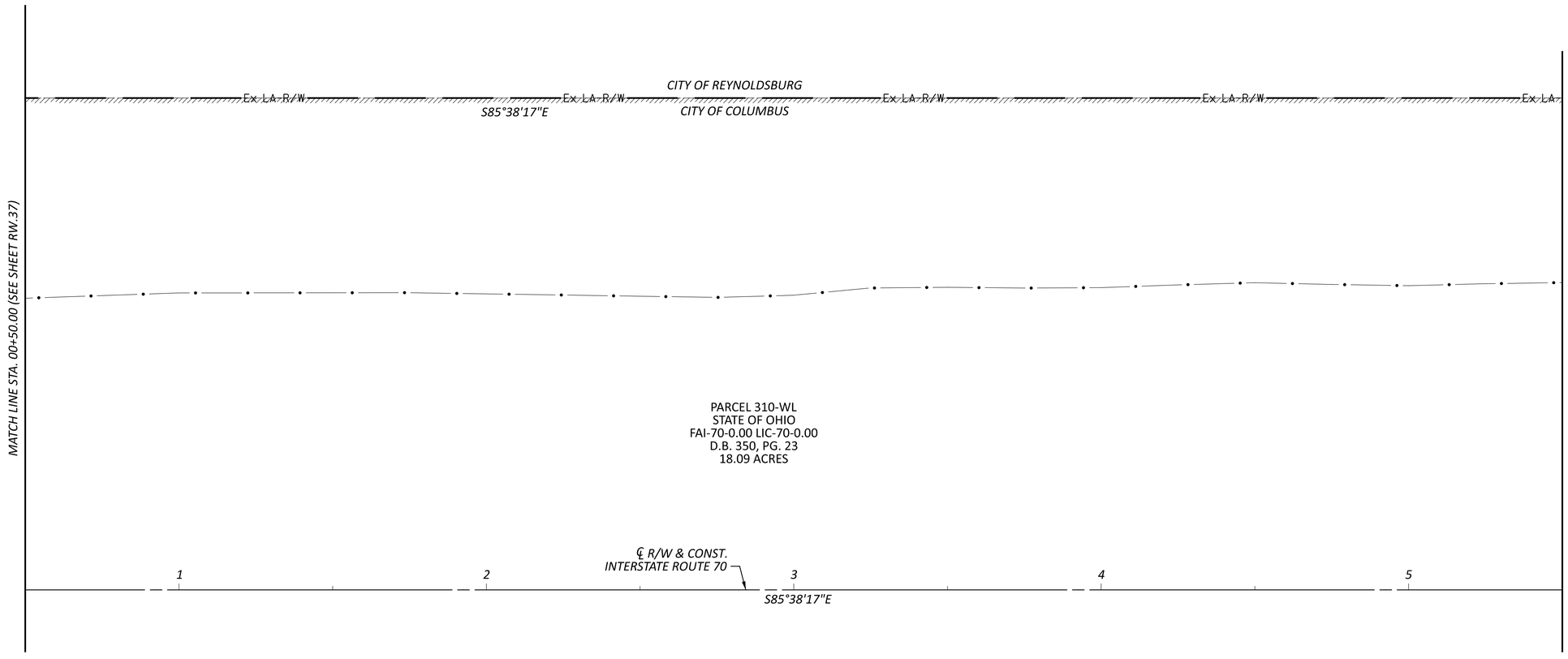
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 00+50.00 TO STA 05+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.39 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB902 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:28:51 PM USER: mmayes
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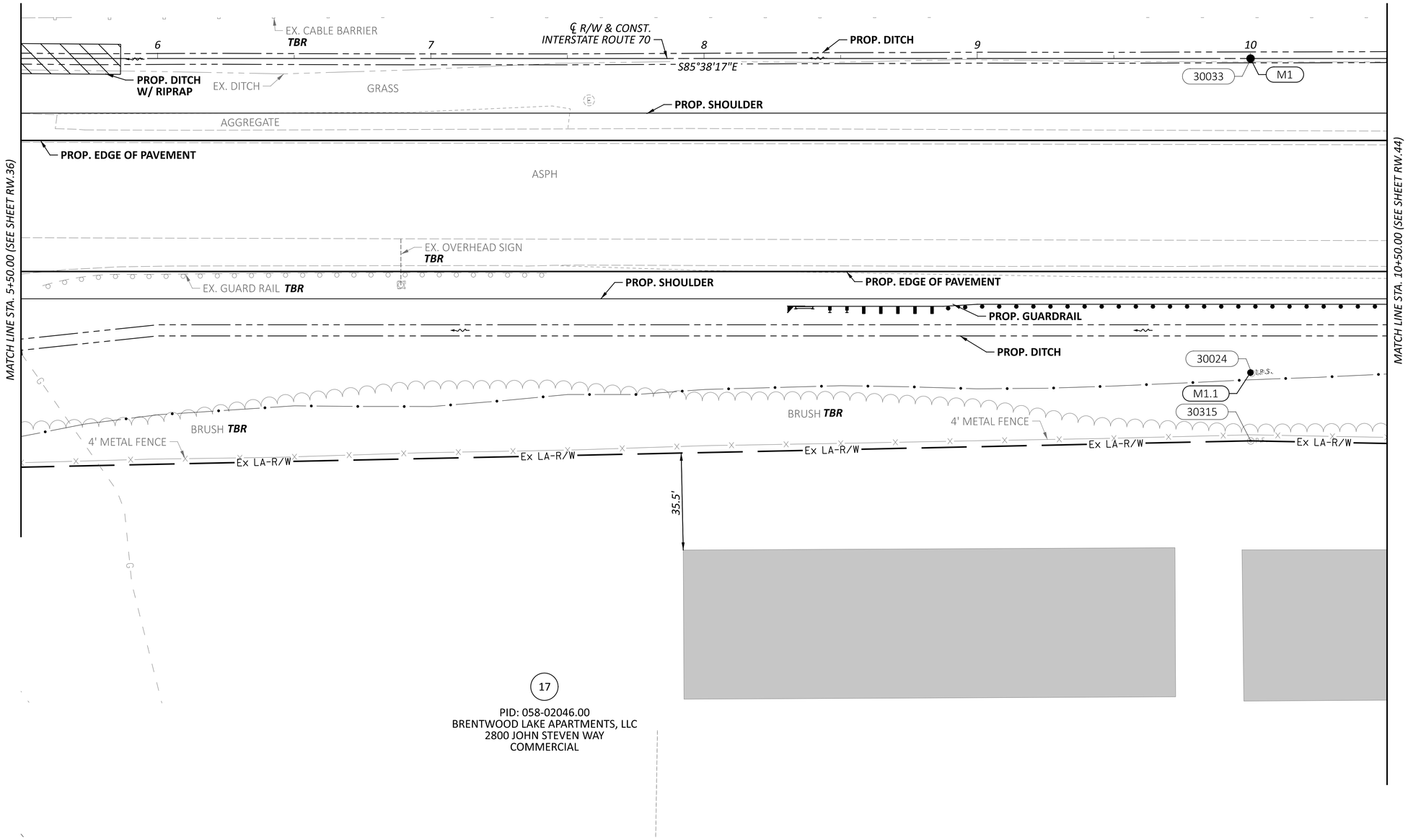
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.40 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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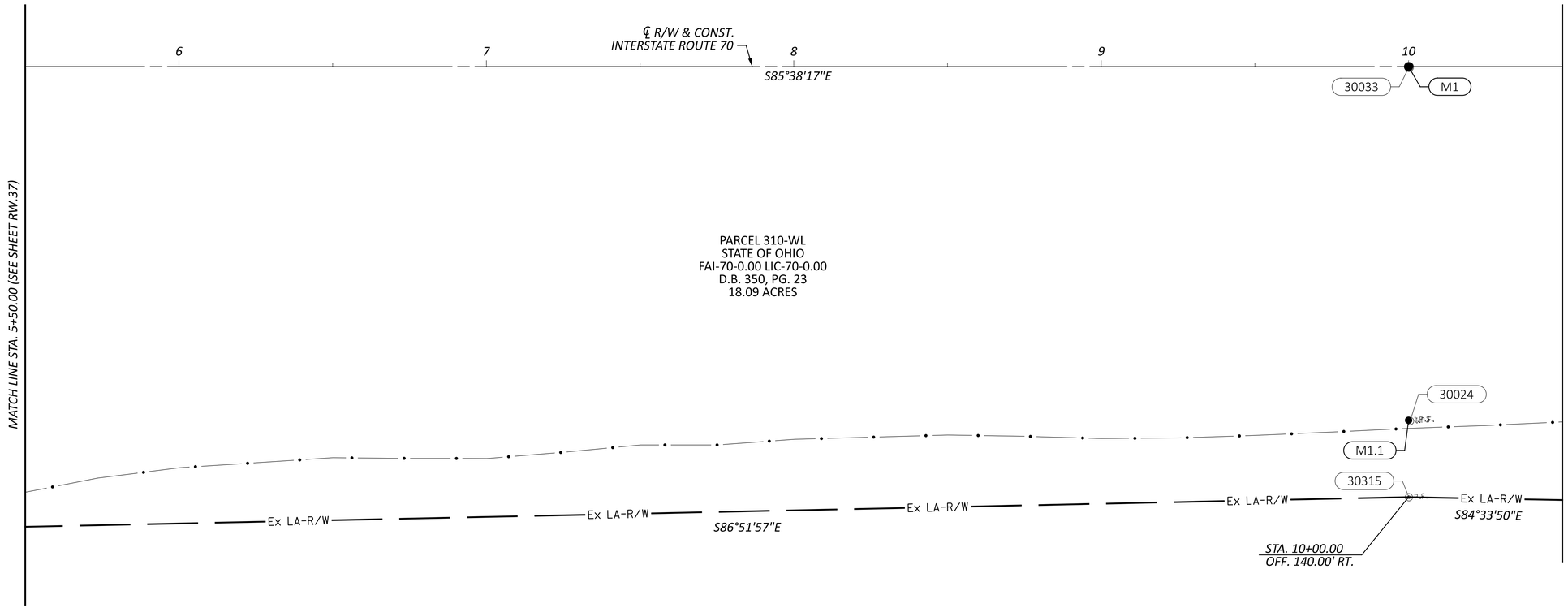
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



17

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.41 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB003 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:29:49 PM USER: mmayes
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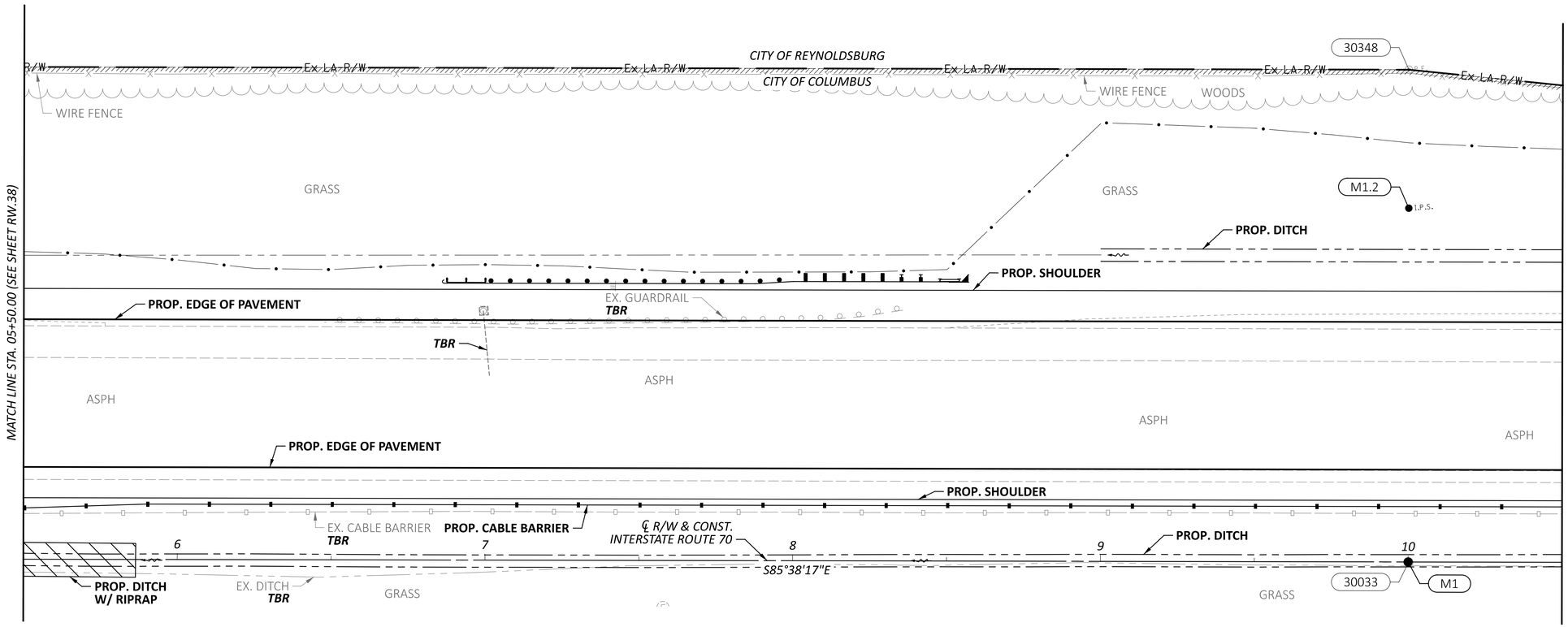
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.42 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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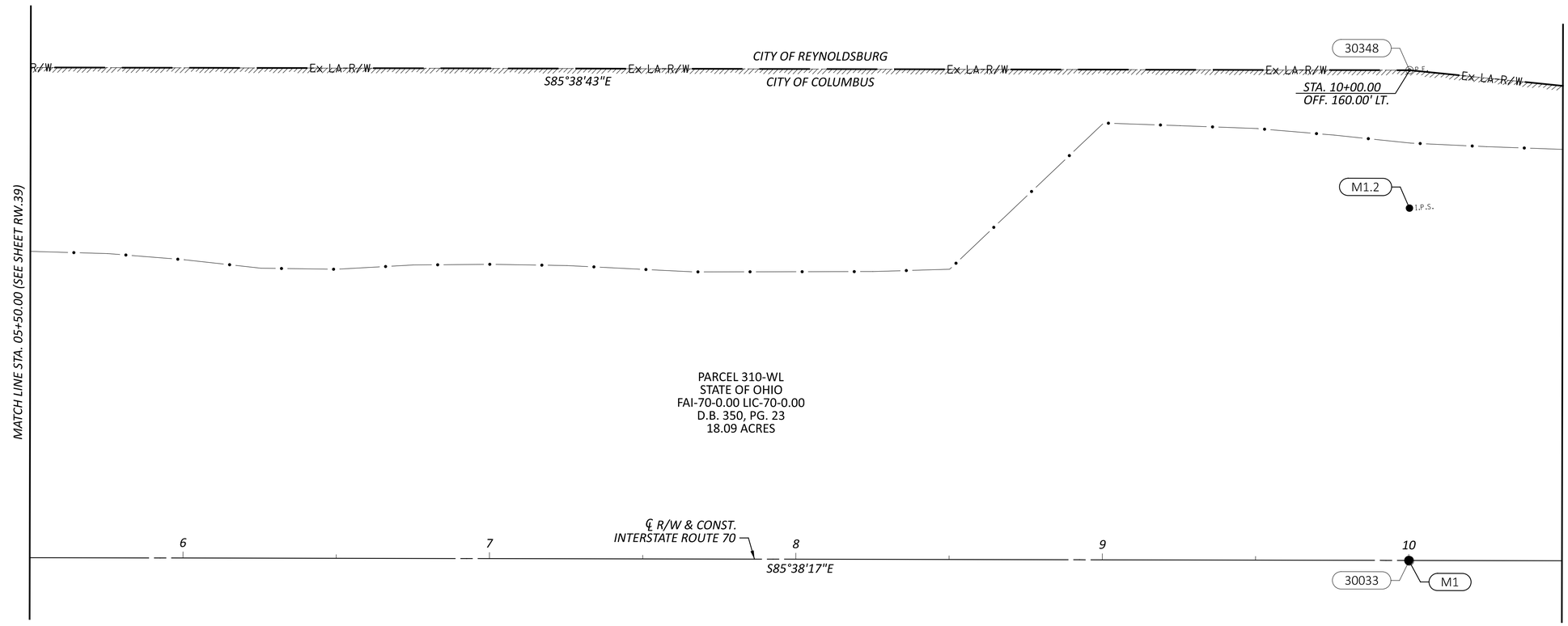
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 05+50.00 TO STA 10+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.43 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8903 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:30:46 PM USER: mmayes
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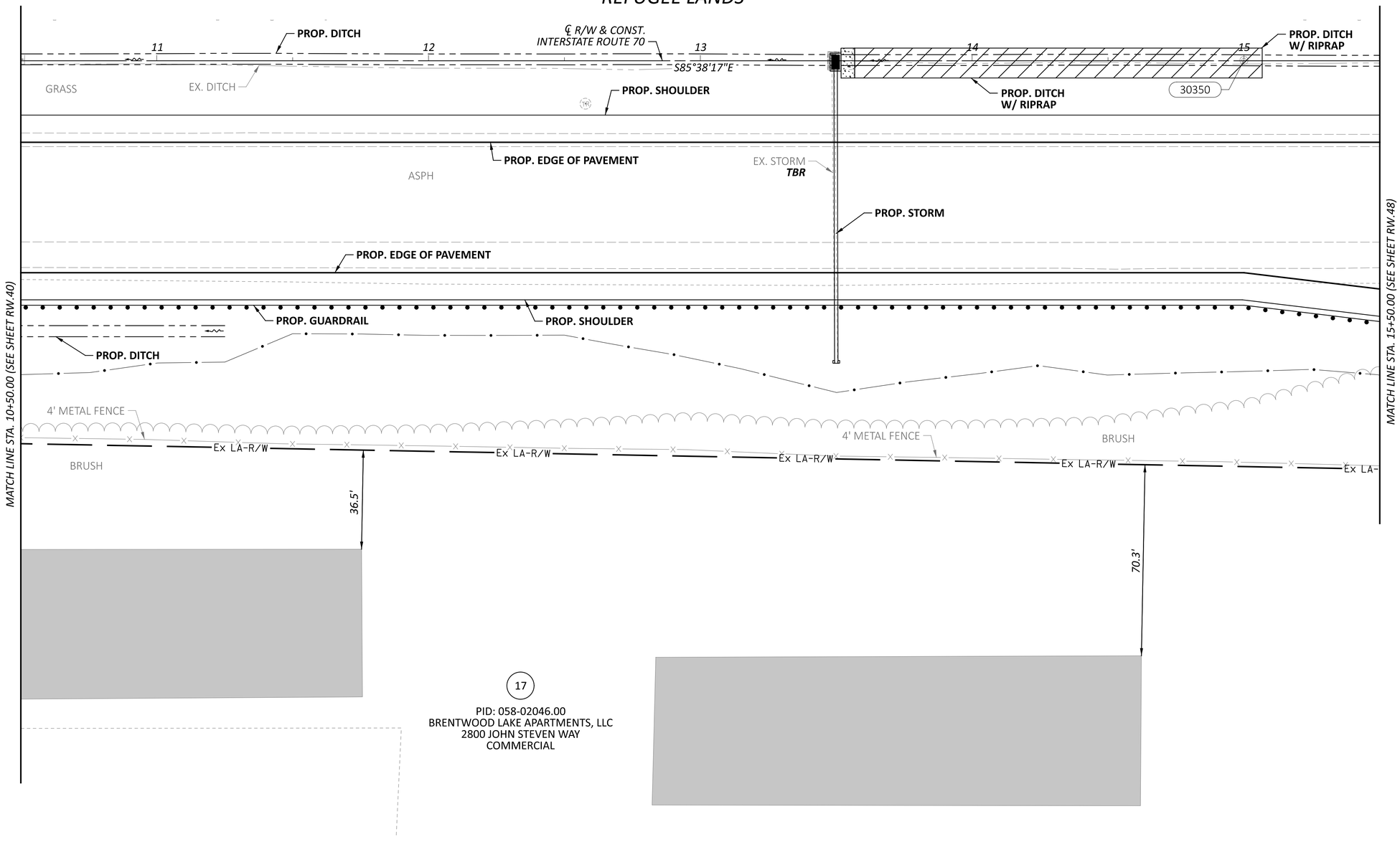
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



17

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 10+50.00 TO STA 15+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.44 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT004 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:31:23 PM USER: mmayes
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FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W & CONST.
INTERSTATE ROUTE 70

11 12 13 14 15

S85°38'17"E

30350

MATCH LINE STA. 10+50.00 (SEE SHEET RW.41)

PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

Ex LA-R/W Ex LA-R/W Ex LA-R/W Ex LA-R/W Ex LA-R/W Ex LA-

S84°33'50"E

MATCH LINE STA. 15+50.00 (SEE SHEET RW.49)

17

PID: 058-02046.00
BRENTWOOD LAKE APARTMENTS, LLC
2800 JOHN STEVEN WAY
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 10+50.00 TO STA 15+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.45 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB004 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:31:45 PM USER: mmayes
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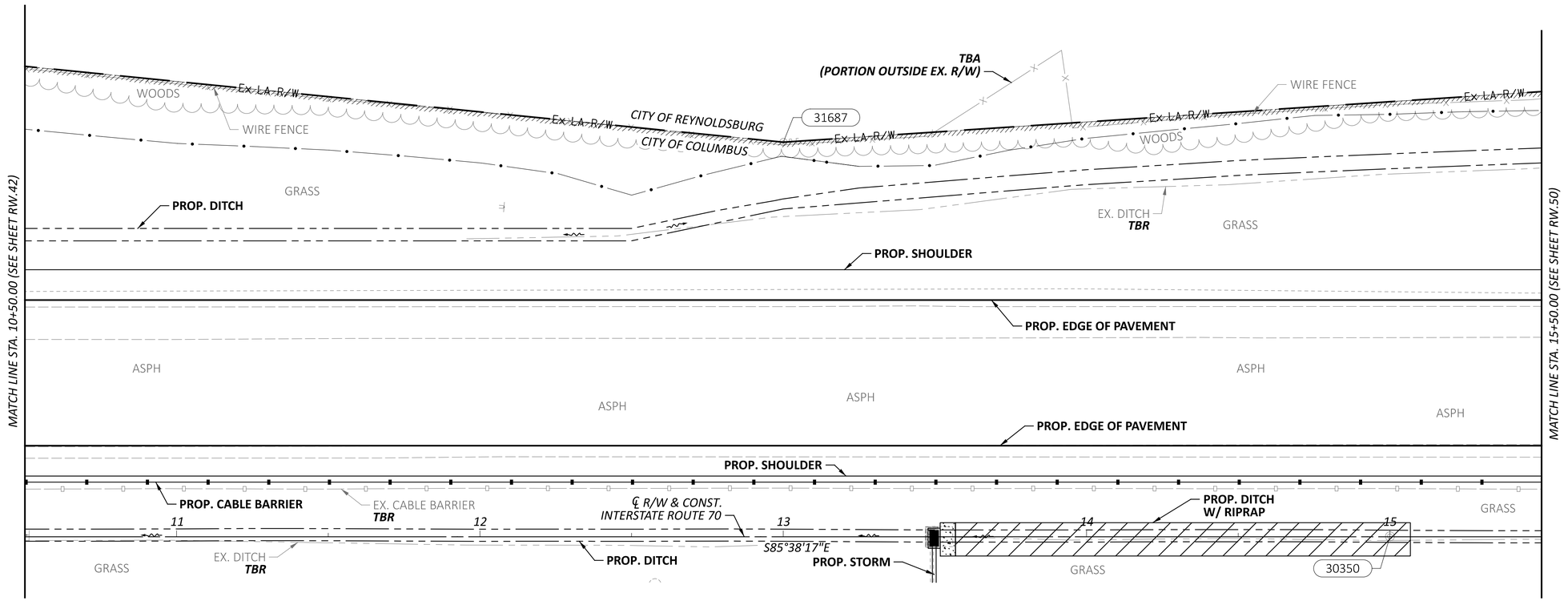
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 10+50.00 TO STA 15+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.46 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT904 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:32:24 PM USER: mmayes
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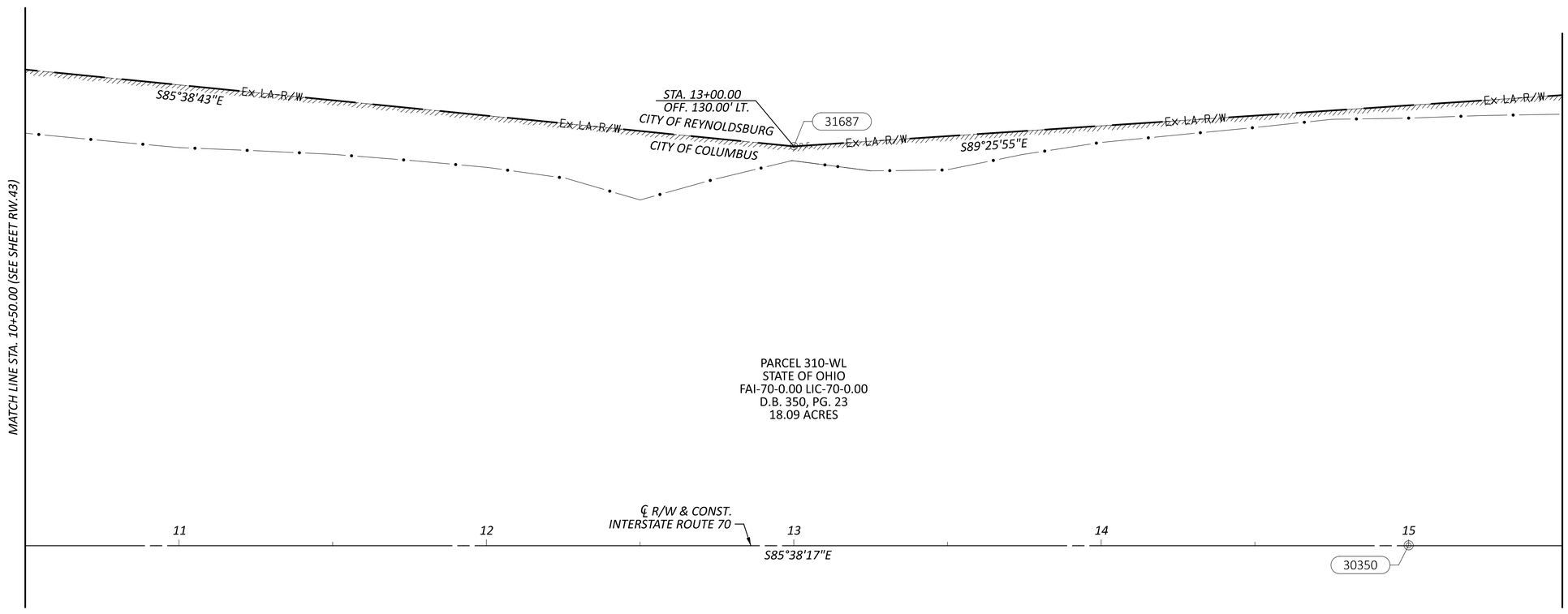
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 10+50.00 TO STA 15+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.47 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB904 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:32:46 PM USER: mmayes
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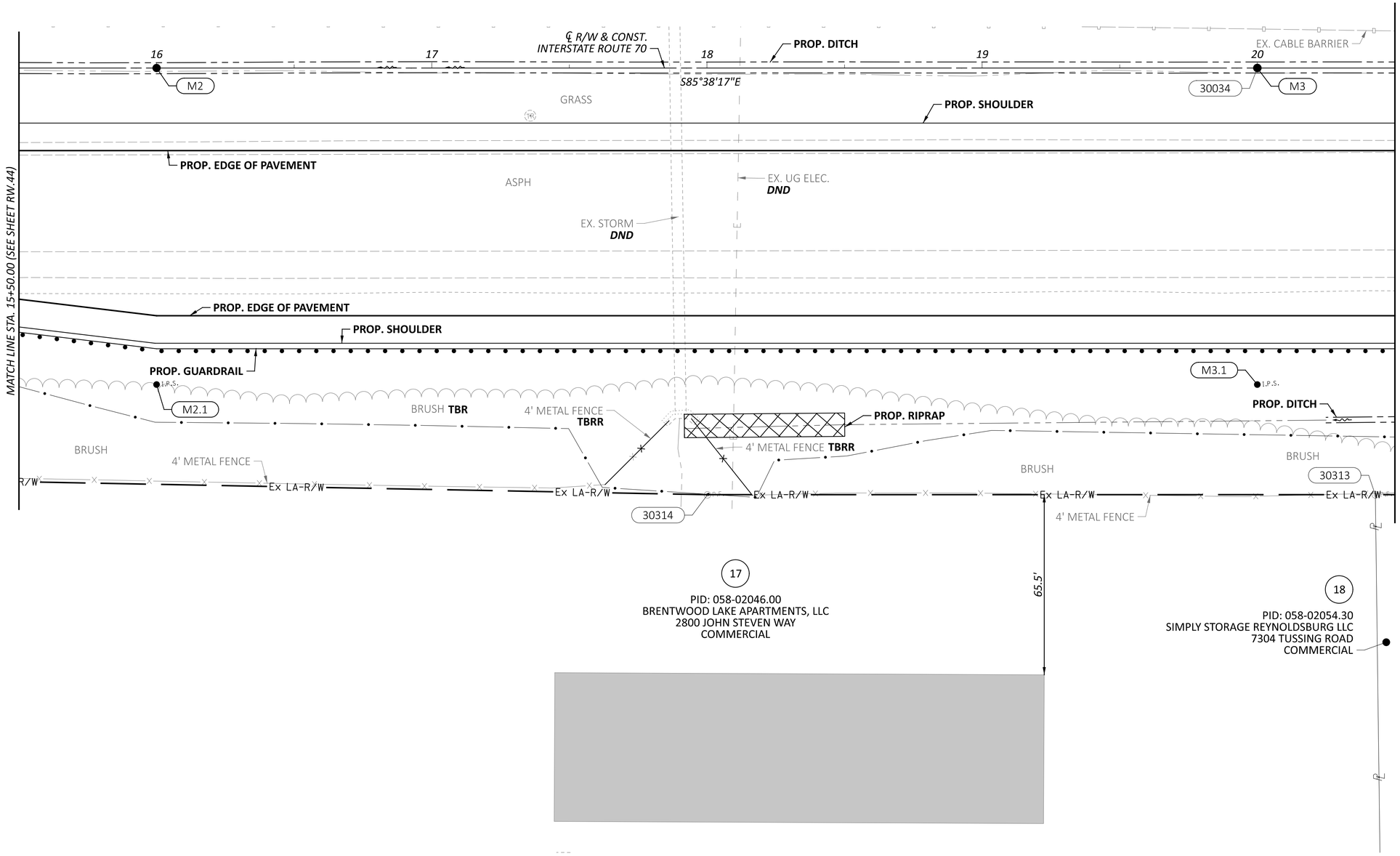
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.48 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT005 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:33:22 PM USER: mmayes
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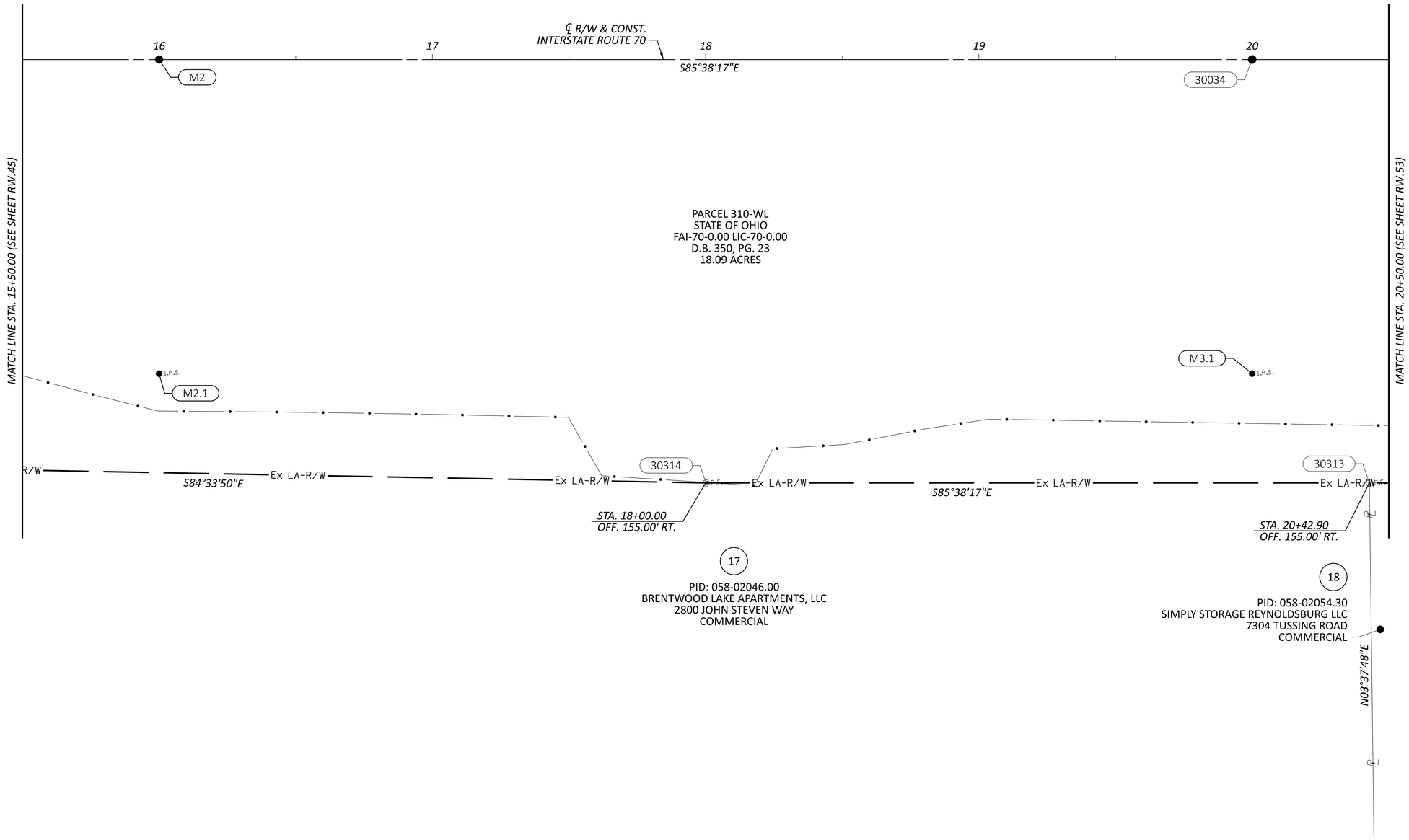
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.49 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB005 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:33:44 PM USER: mmayes
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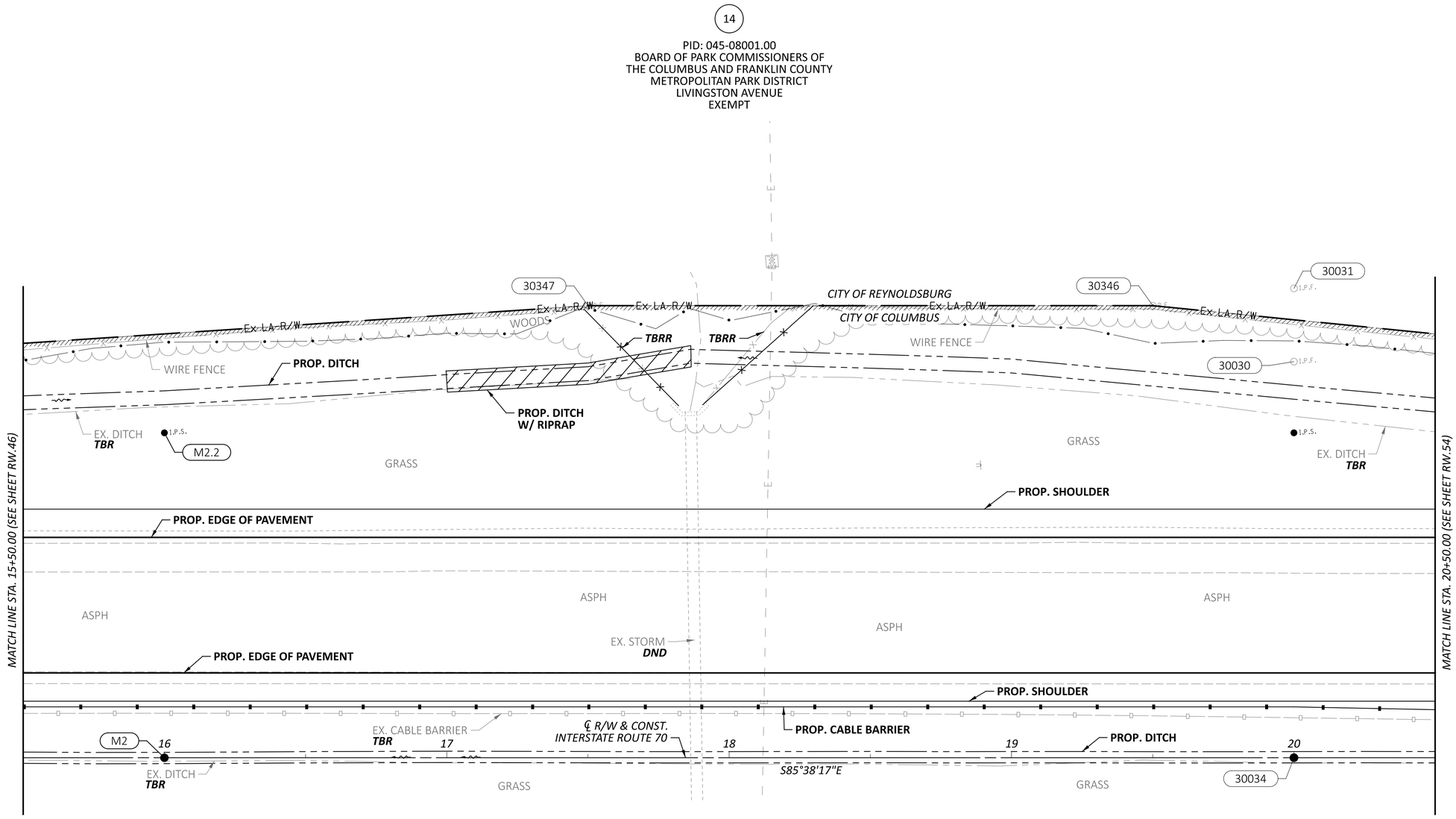
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.50 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT905 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:34:20 PM USER: mmayes
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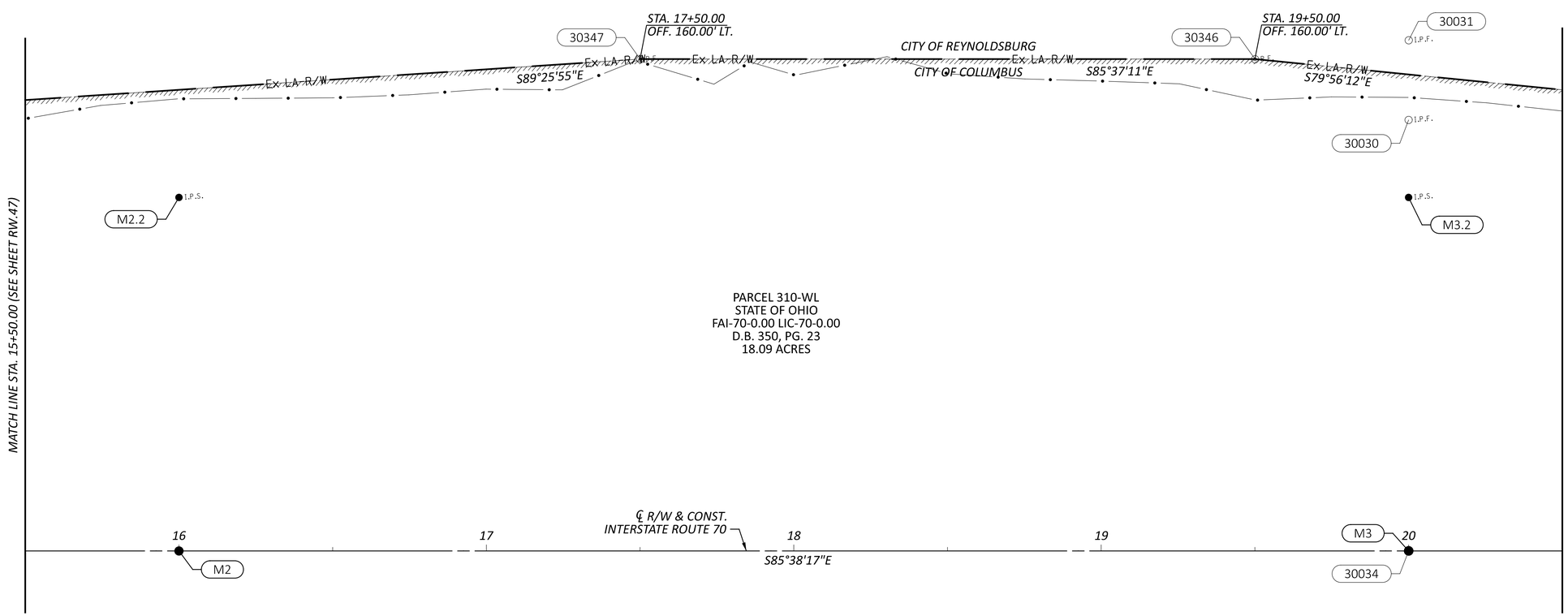
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 15+50.00 TO STA 20+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.51 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB905 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:34:42 PM USER: mmayes
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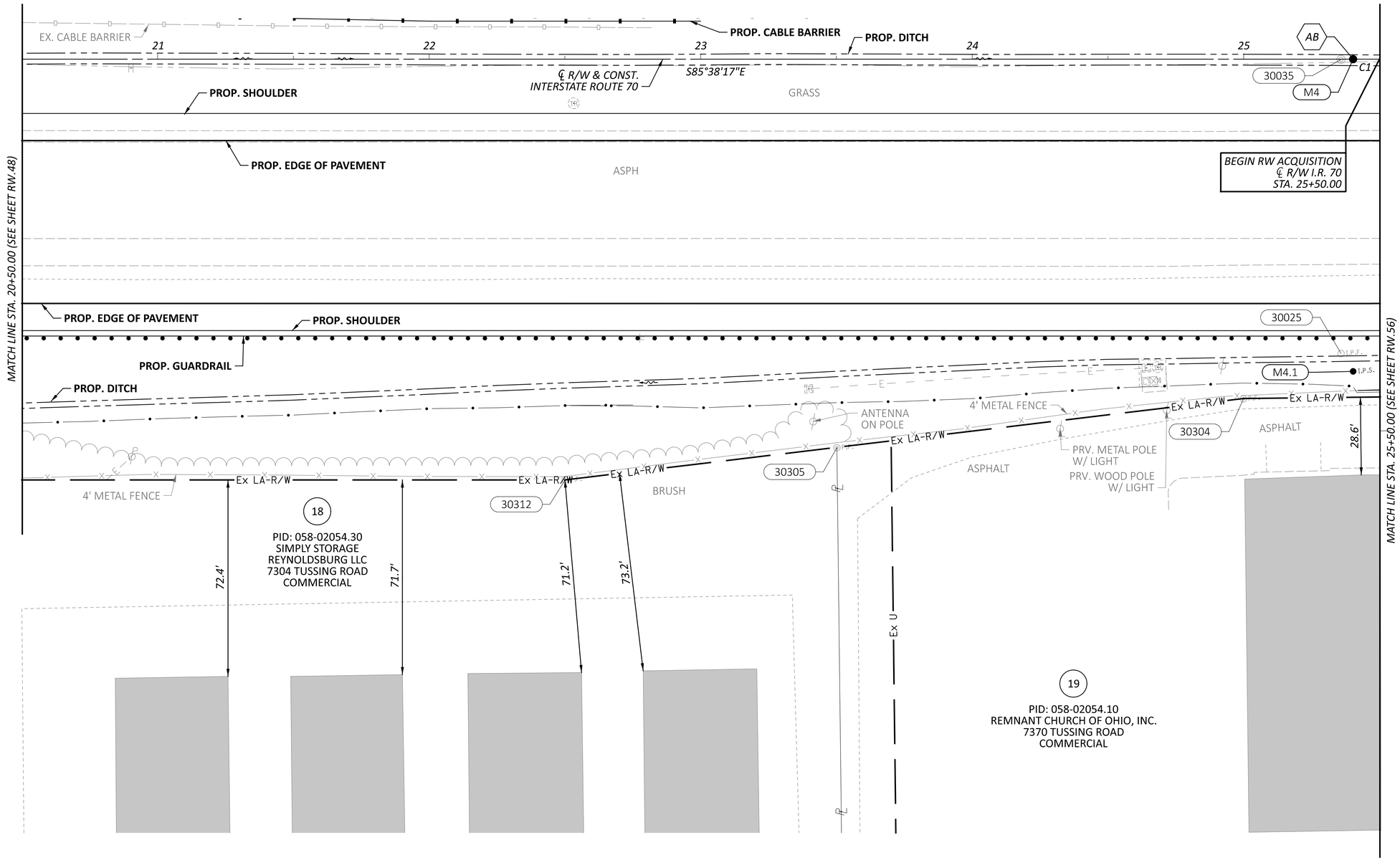
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AB *PC STA. 25+40.30*

℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 20+50.00 TO STA 25+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.52 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT006 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:35:18 PM USER: mmayes
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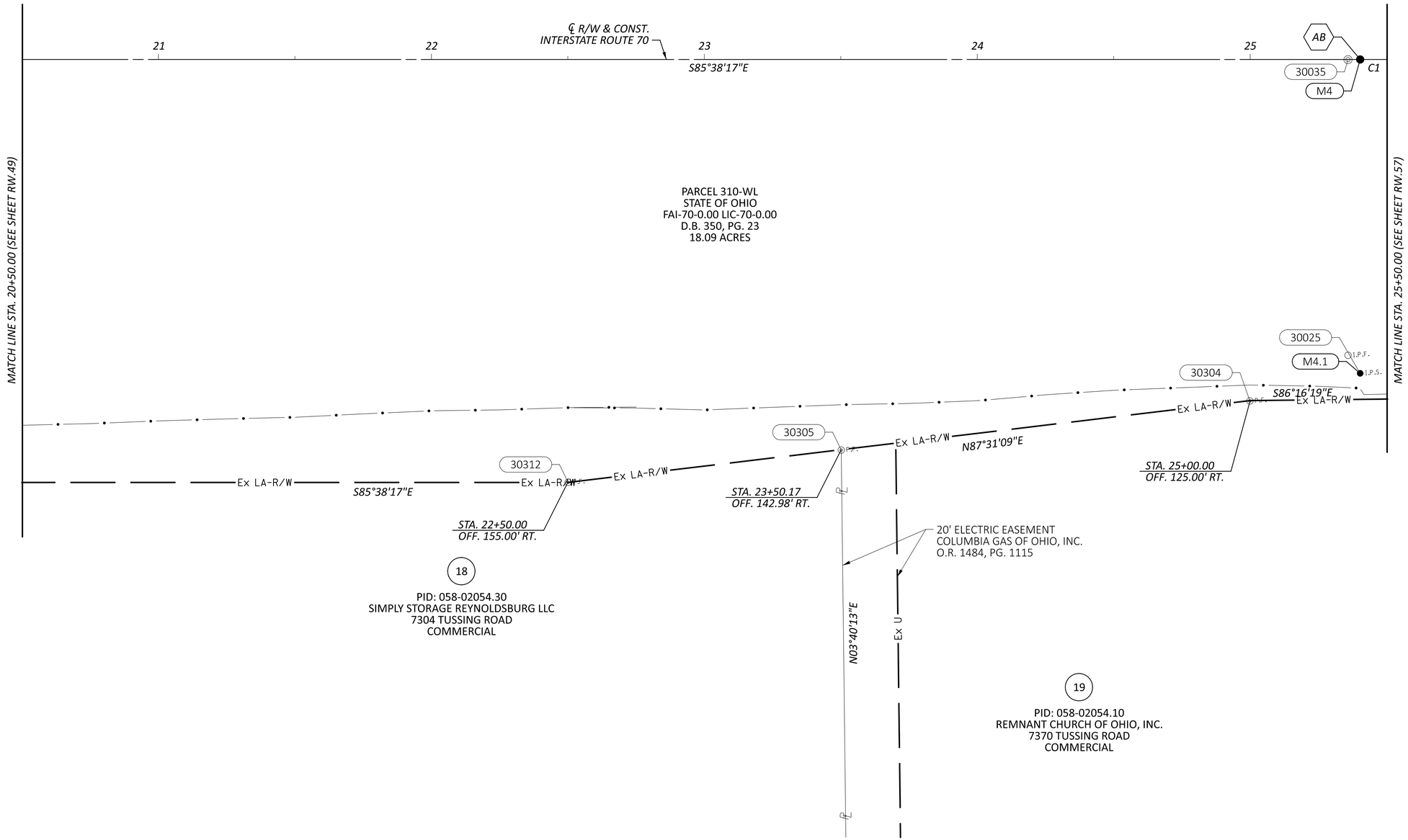
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AB *PC STA. 25+40.30*
(P.O.C. 33-WL, 35-WL, & 36-WL)

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 20+50.00 TO STA 25+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.53 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB006 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:35:39 PM USER: mmayes
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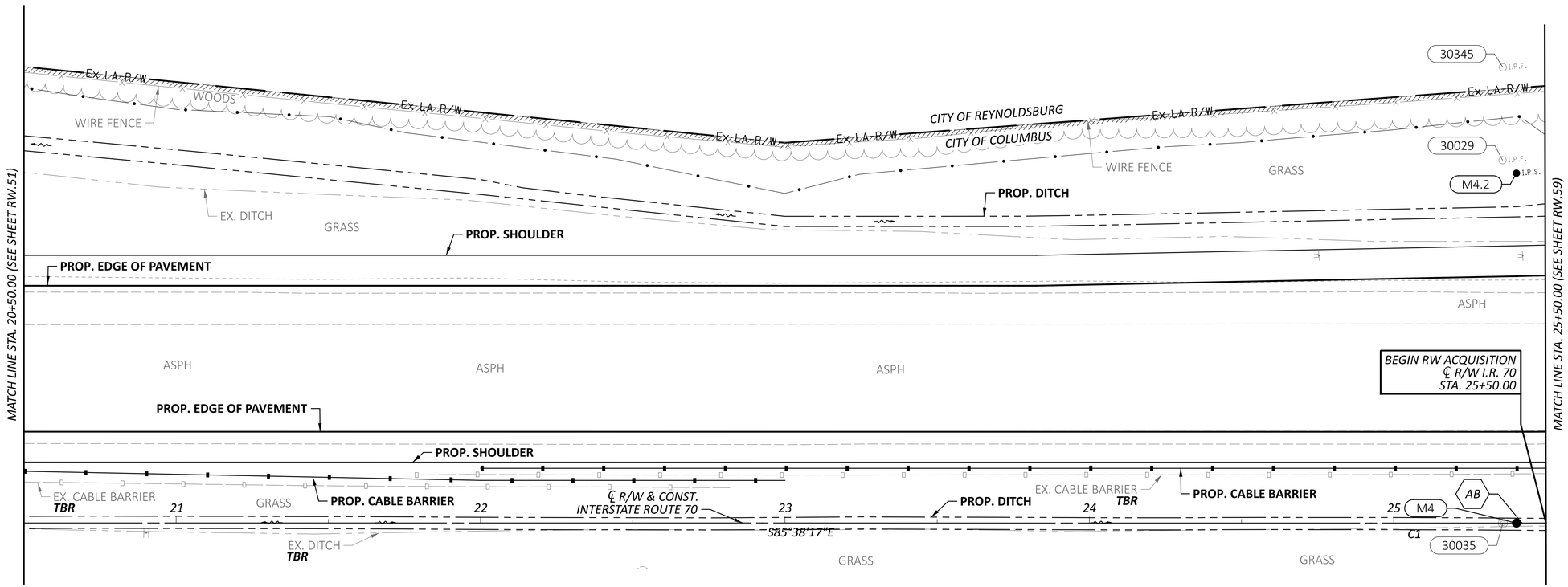
AB PC STA. 25+40.30

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 20+50.00 TO STA 25+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WSP/E&S STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.54 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT906 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:36:15 PM USER: mmayes
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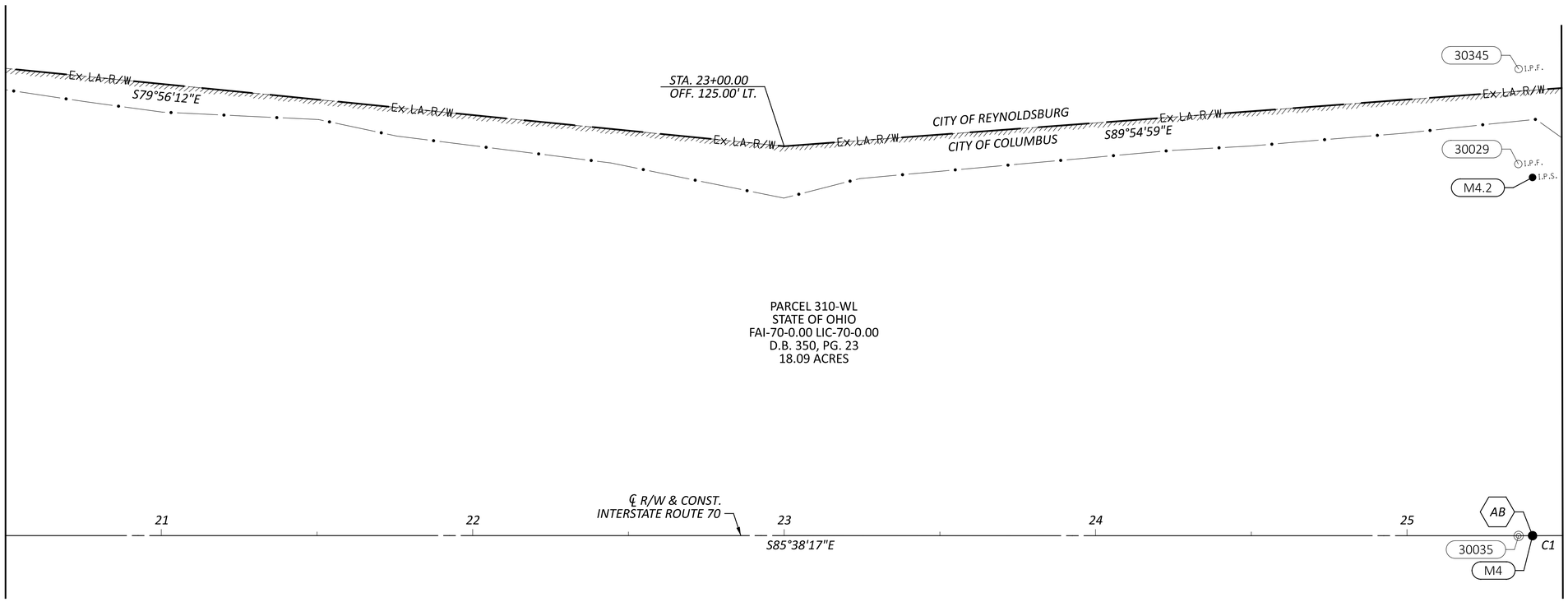
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 31, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08001.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
LIVINGSTON AVENUE
EXEMPT



PARCEL 310-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 350, PG. 23
18.09 ACRES

AB *PC STA. 25+40.30*

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 20+50.00 TO STA 25+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.55 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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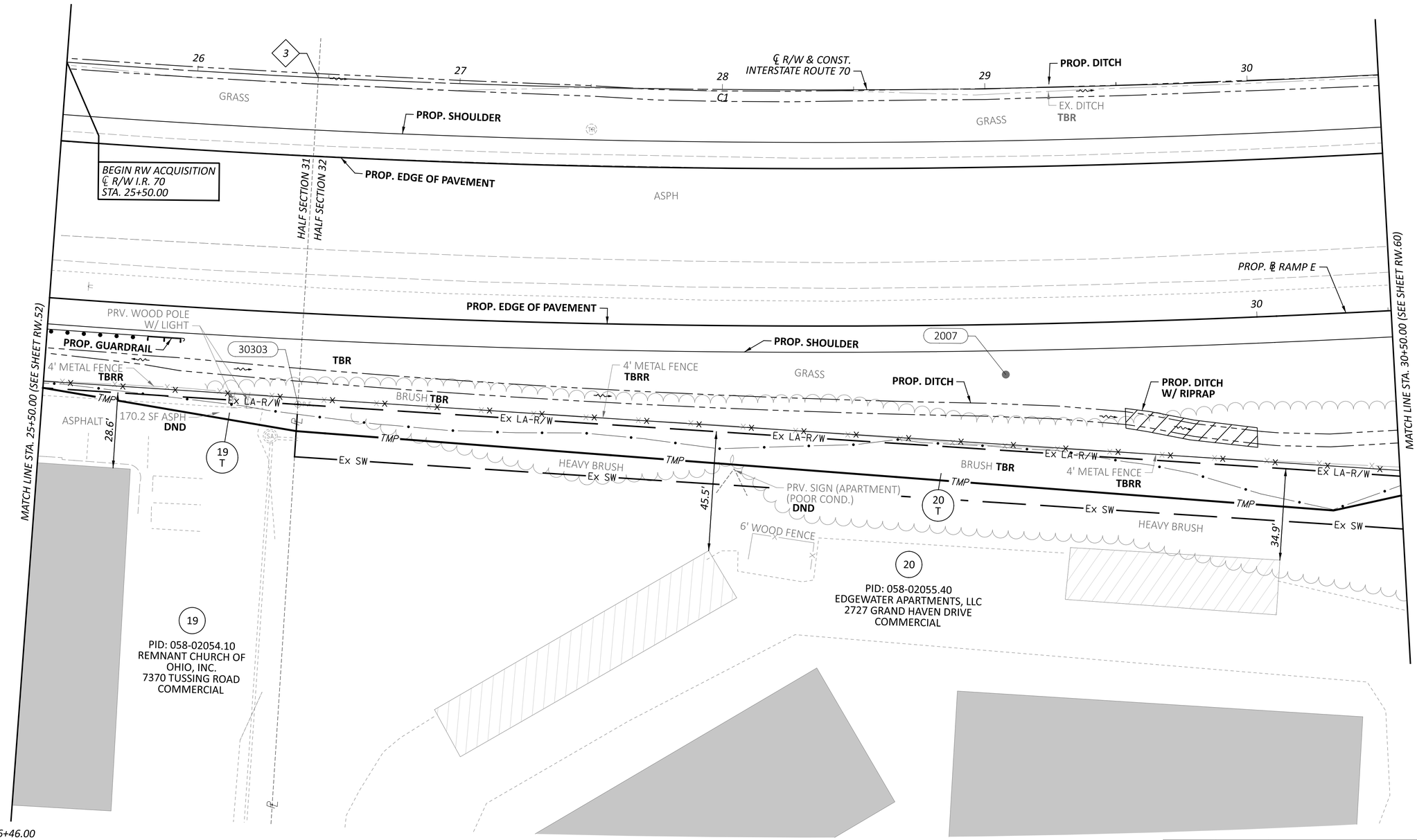
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTIONS 31 & 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 25+50.00 TO STA 30+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
WSP USA STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.56 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT007 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:37:16 PM USER: mmayes
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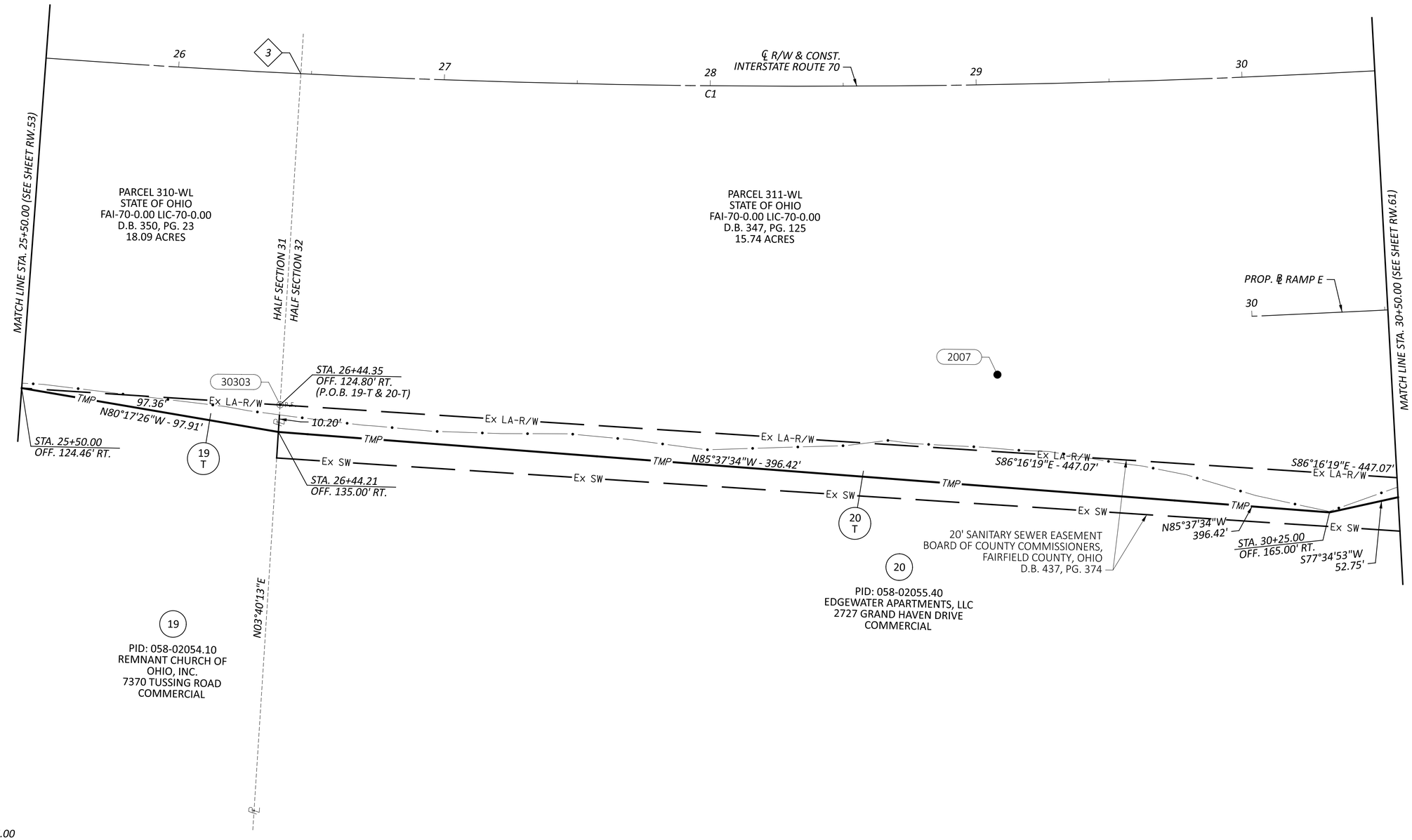
FAIRFIELD COUNTY
CITY OF COLUMBUS
HALF SECTIONS 31 & 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



3 STA. 26+46.00

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 25+50.00 TO STA 30+50.00

FAI/LIC-IR 70-0.00/0.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.57 TOTAL RW.220

MODEL: 96808_RB007 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:37:35 PM USER: mmayes
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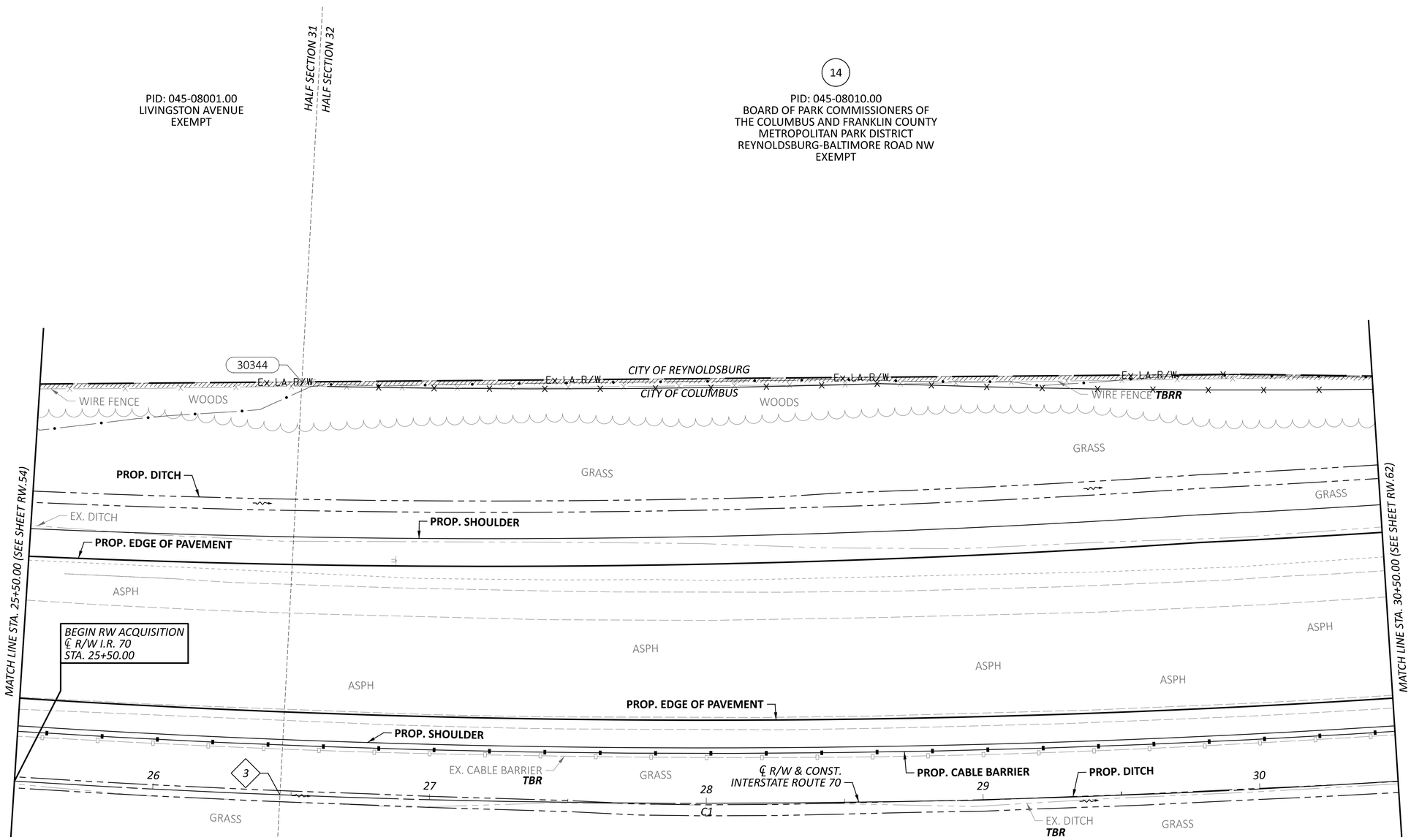
3 STA. 26+46.00

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTIONS 31 & 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 25+50.00 TO STA 30+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.58 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT907 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:38:12 PM USER: mmayes
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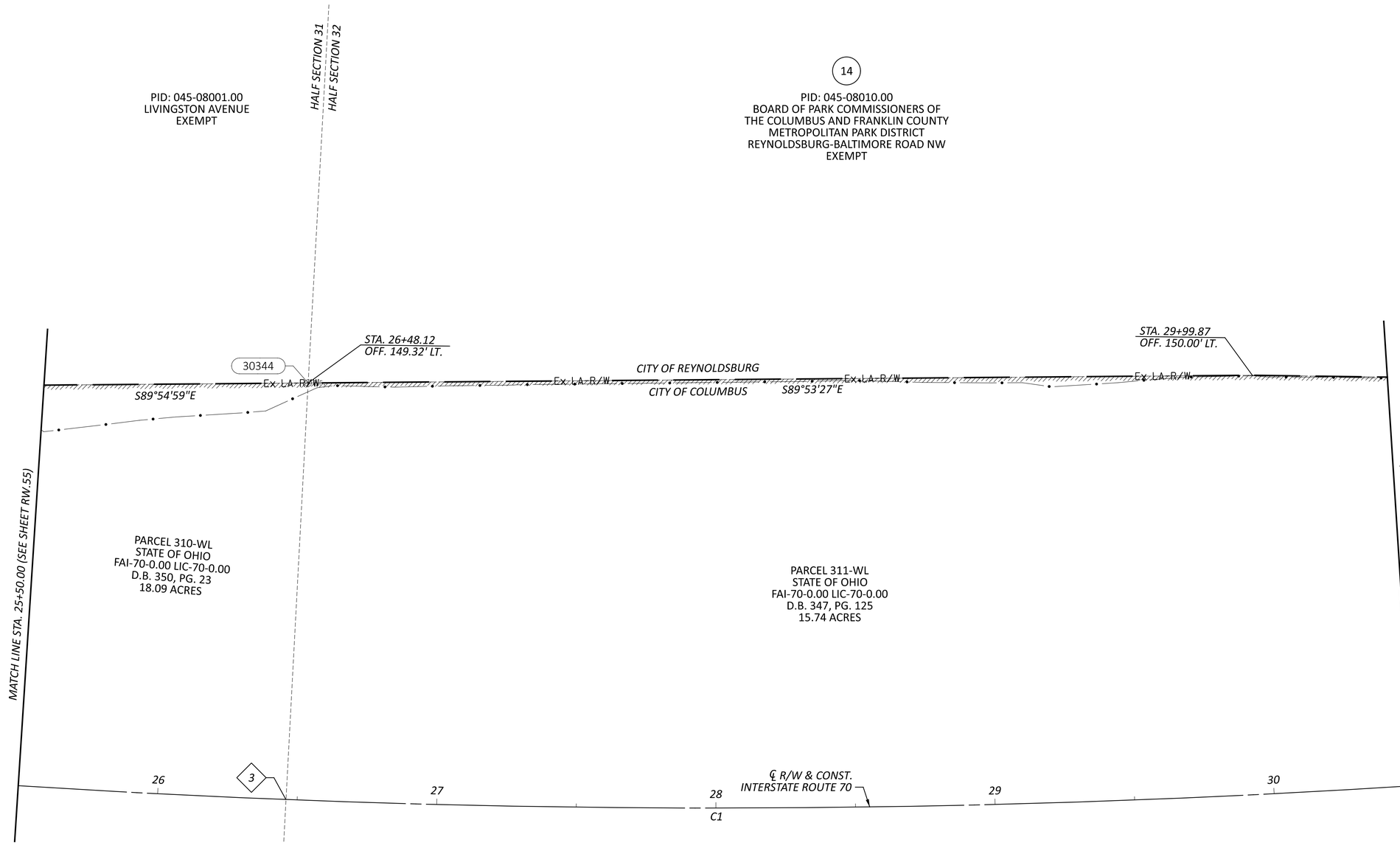
FAIRFIELD COUNTY
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTIONS 31 & 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 25+50.00 TO STA 30+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.59 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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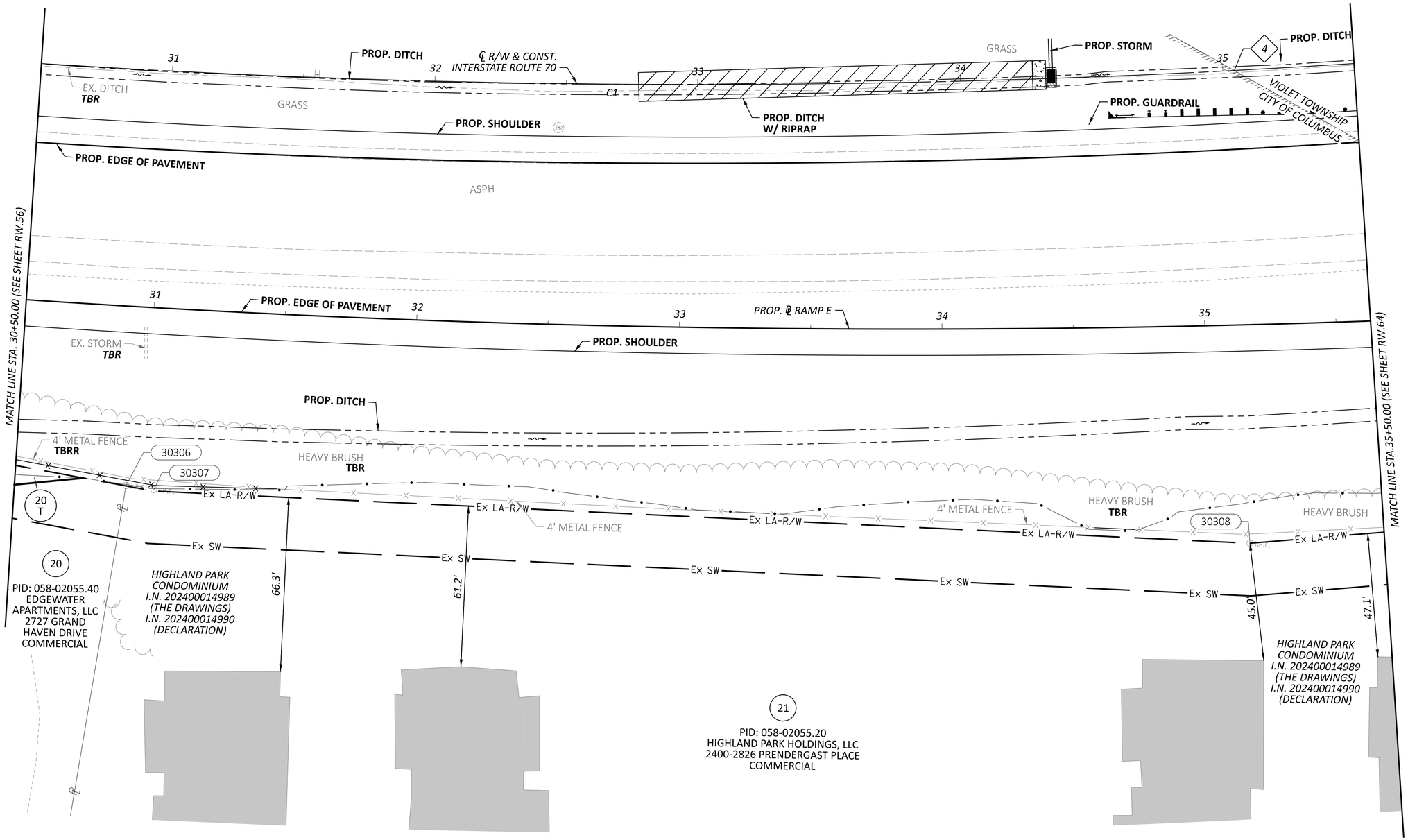
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



4 *STA. 35+04.34*

℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 30+50.00 TO STA 35+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.60 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT008 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:39:13 PM USER: mmayes
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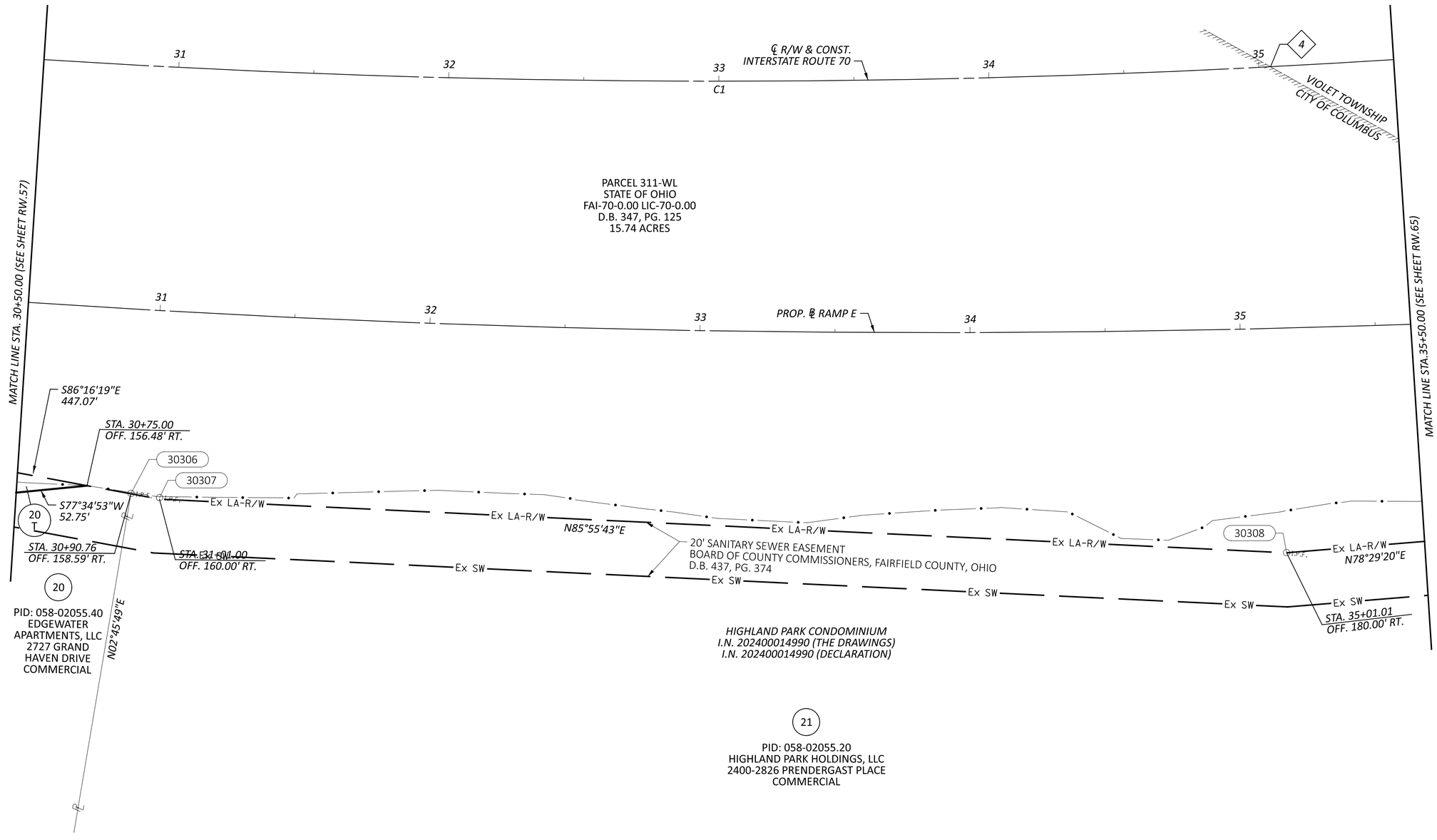
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



4 *STA. 35+04.34*

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 30+50.00 TO STA 35+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.61 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB008 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:39:34 PM USER: mmayes
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4 STA. 35+04.34

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
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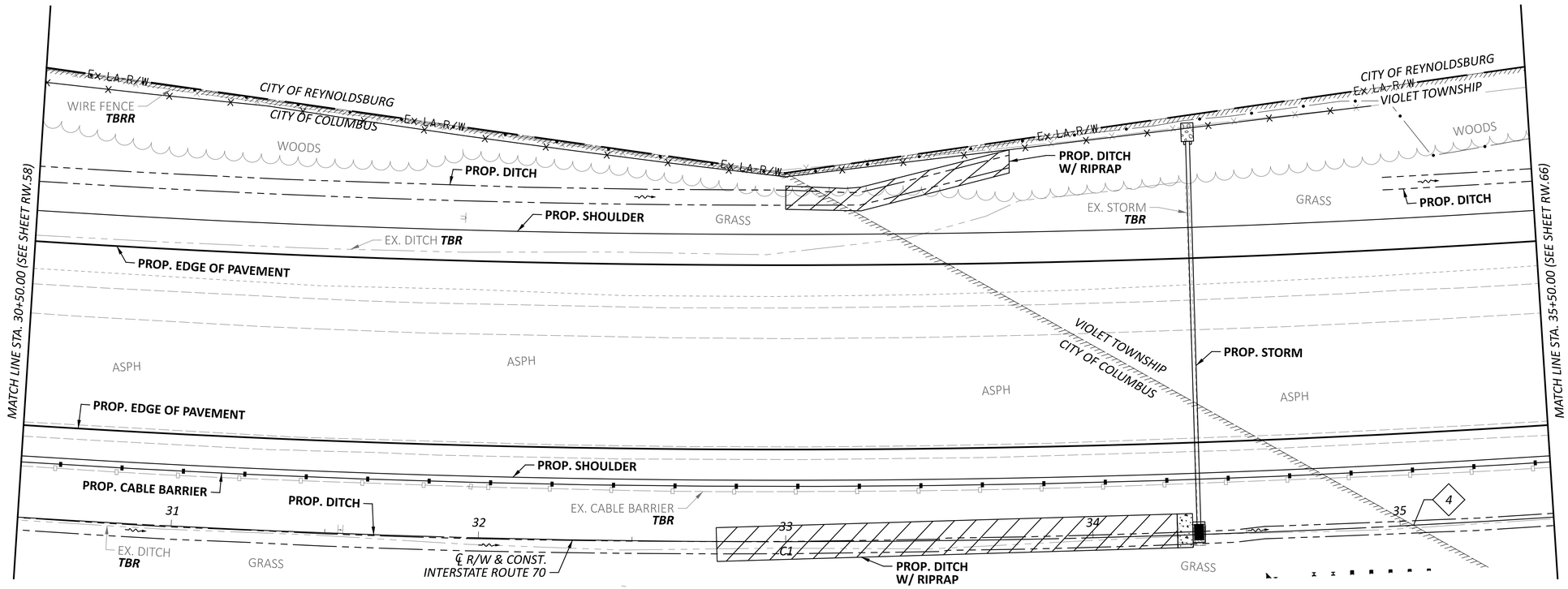
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 30+50.00 TO STA 35+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.62 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT908 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:40:11 PM USER: mmayes
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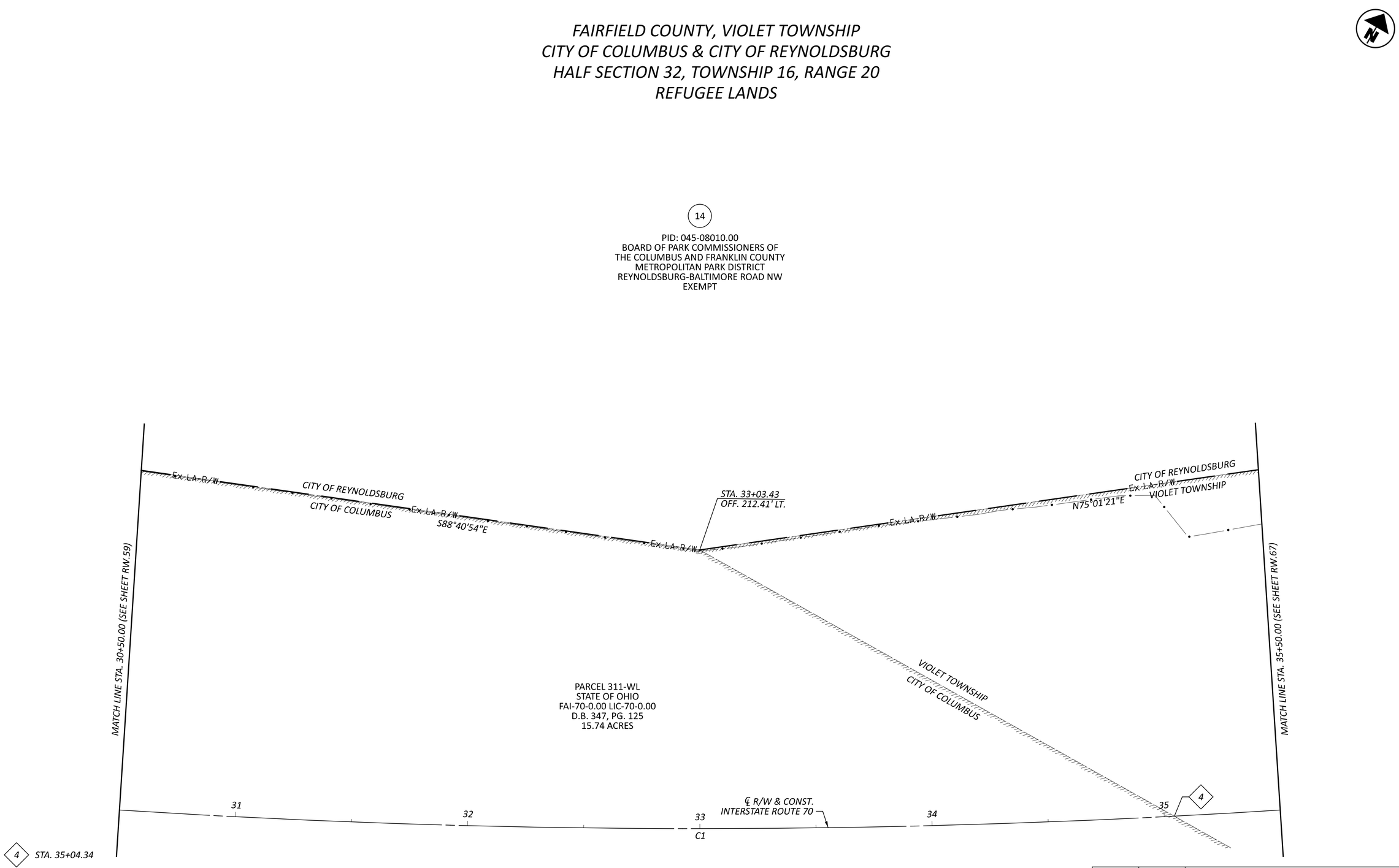
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS & CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 30+50.00 TO STA 35+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.63 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB908 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:40:32 PM USER: mmayes
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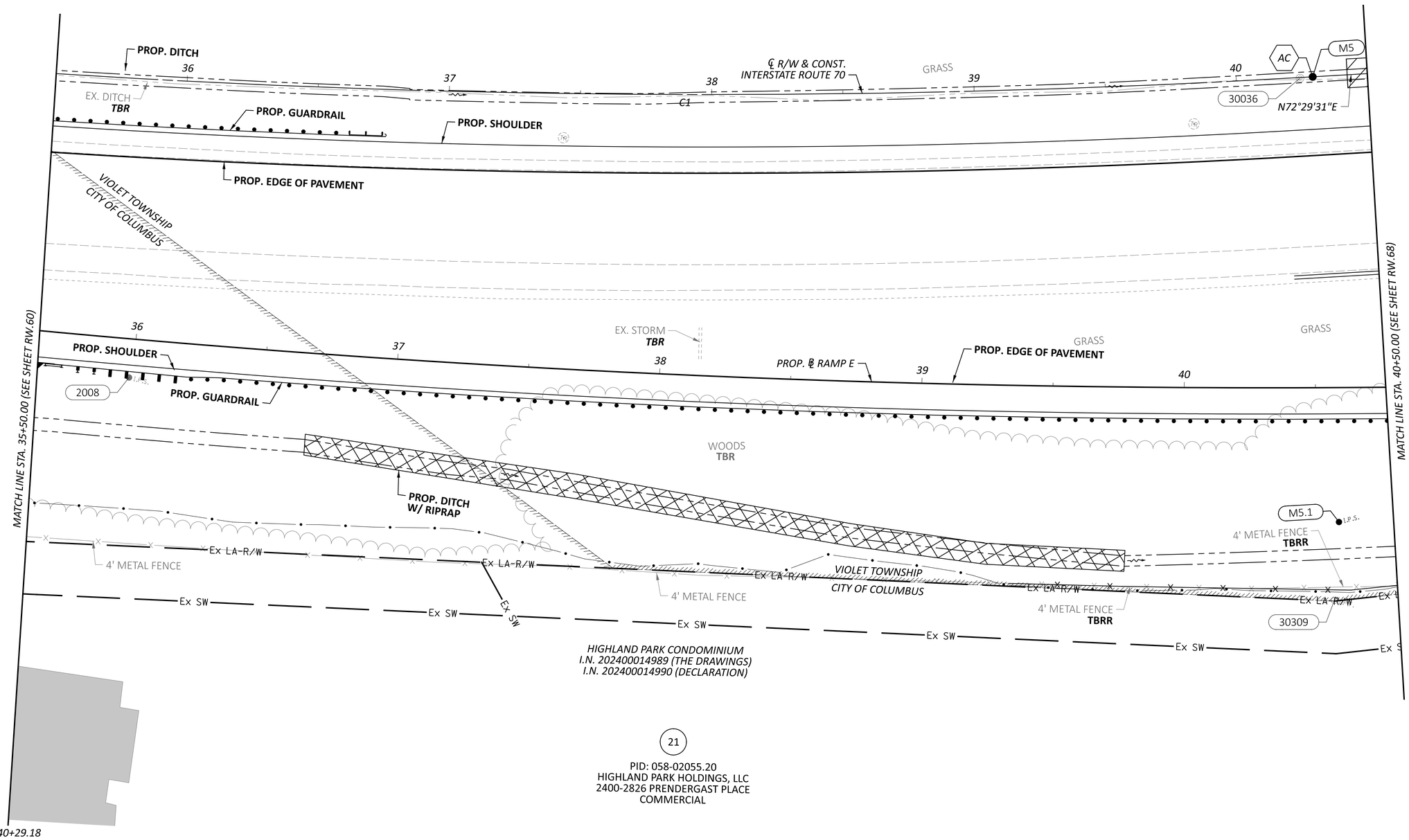
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W I.R. 70 CURVE DATA (C1)*
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 35+50.00 TO STA 40+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.64 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT009 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:41:15 PM USER: mmayes
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96808_RT009.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

36 37 38 39 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

C1

AC
M5
30036

N72°29'31"E
4,602.24'
(33-WL, 35-WL, 36-WL)

VIOLET TOWNSHIP
CITY OF COLUMBUS

PARCEL 311-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 347, PG. 125
15.74 ACRES

MATCH LINE STA. 35+50.00 (SEE SHEET RW.61)

MATCH LINE STA. 40+50.00 (SEE SHEET RW.69)

2008
I.P.S.

PROP. ℄ RAMP E

M5.1
I.P.S.

30309

STA. 37+64.08
OFF. 180.75' RT.

STA. 40+25.86
OFF. 200.00' RT.

Ex LA-R/W
Ex SW

20' SANITARY SEWER EASEMENT
BOARD OF COUNTY COMMISSIONERS, FAIRFIELD COUNTY, OHIO
D.B. 437, PG. 374

N78°29'20"E

HIGHLAND PARK CONDOMINIUM
I.N. 202400014990 (THE DRAWINGS)
I.N. 202400014990 (DECLARATION)

20' SANITARY SEWER EASEMENT
DANPARK REALTY, INC.
D.B. 414, PG. 56

21
PID: 058-02055.20
HIGHLAND PARK HOLDINGS, LLC
2400-2826 PRENDERGAST PLACE
COMMERCIAL

AC *PT STA. 40+29.18*

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 35+50.00 TO STA 40+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.65 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB009 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:41:35 PM USER: mmayes
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AC PT STA. 40+29.18

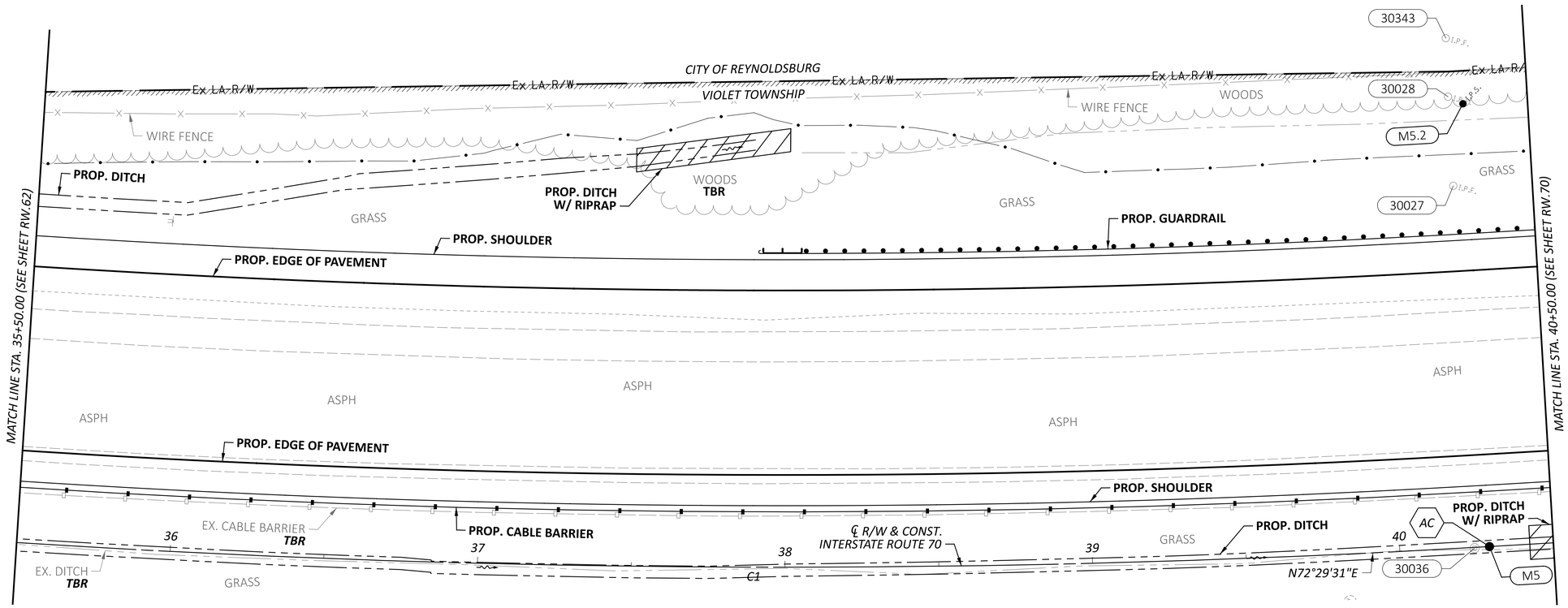
℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



FAI/LIC-IR 70-0.00/0.00

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RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 35+50.00 TO STA 40+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

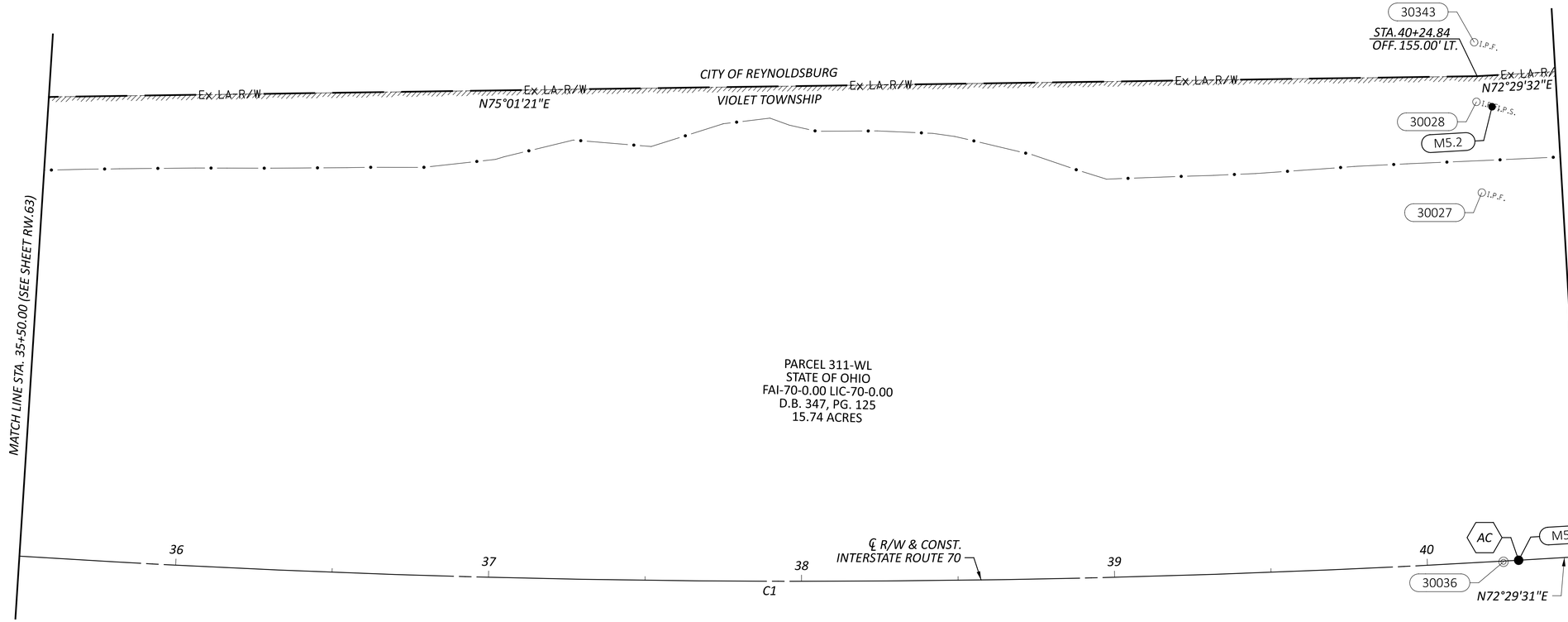
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.66 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14

PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF
THE COLUMBUS AND FRANKLIN COUNTY
METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT



AC PT STA. 40+29.18

℄ R/W I.R. 70 CURVE DATA (C1)
P.I. = STA. 32+93.91
Δ = 21°52'12" LT
Dc = 01°28'08"
R = 3,900.61'
T = 753.61'
L = 1,488.88'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 35+50.00 TO STA 40+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.67 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8909 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:42:33 PM USER: mmayes
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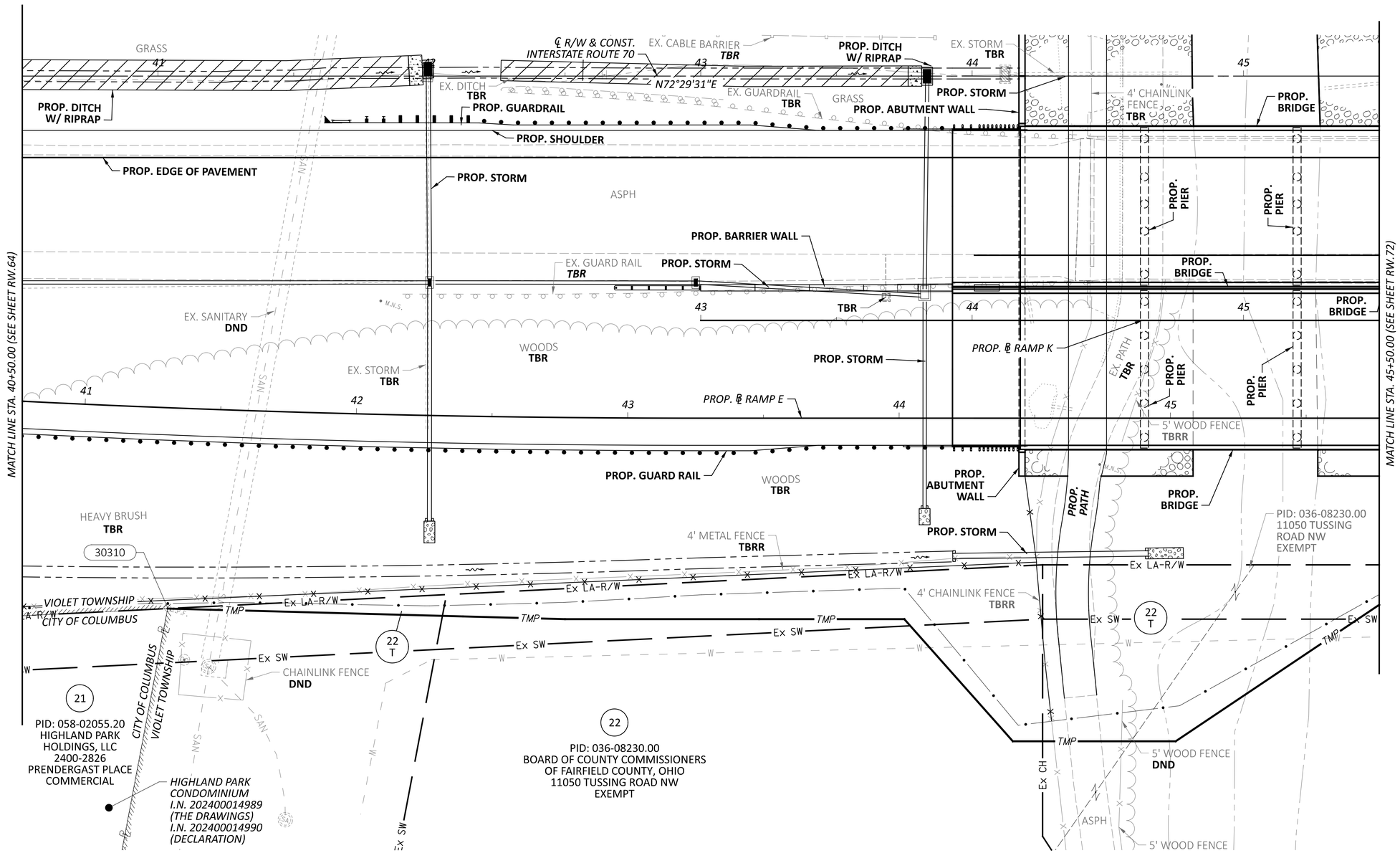
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 40+50.00 TO STA 45+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.68 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT010 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:43:09 PM USER: mmayes
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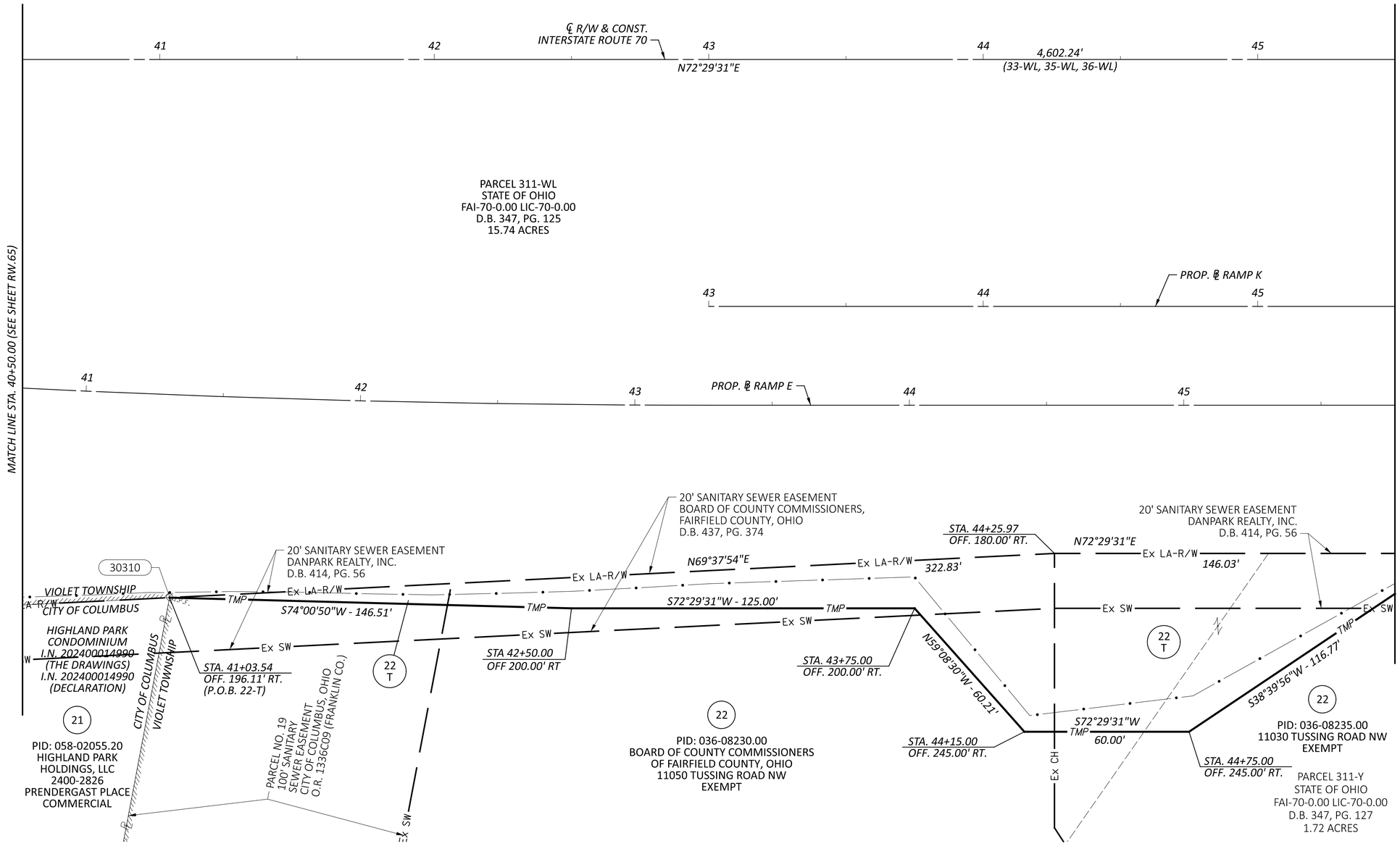
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF COLUMBUS
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 40+50.00 TO STA 45+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
MORGAN STRUCTUREPOINT INC.

DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.69 TOTAL: RW.220

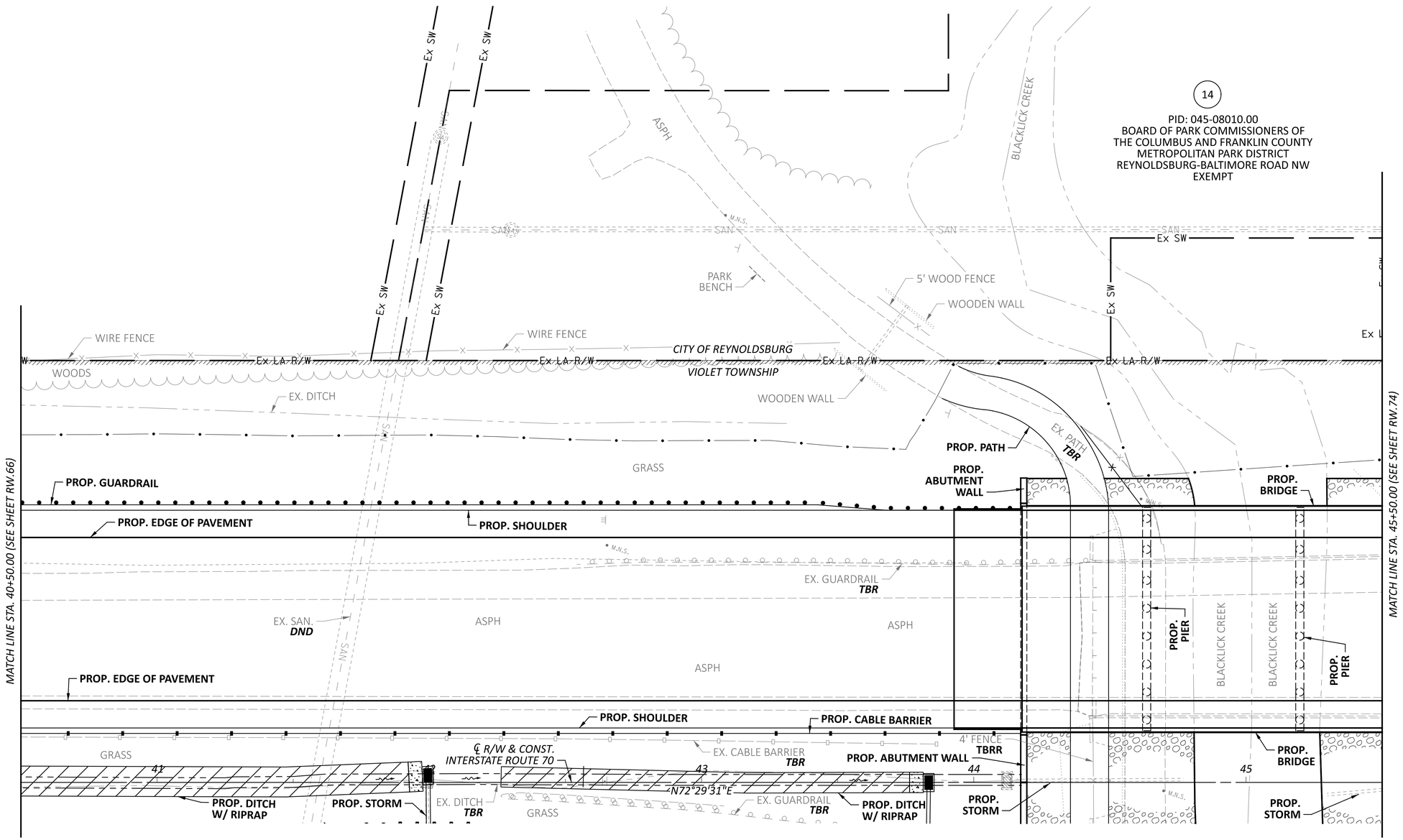
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB010 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:43:34 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB010.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 40+50.00 TO STA 45+50.00



REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.70 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT910 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:44:12 PM USER: mmayes
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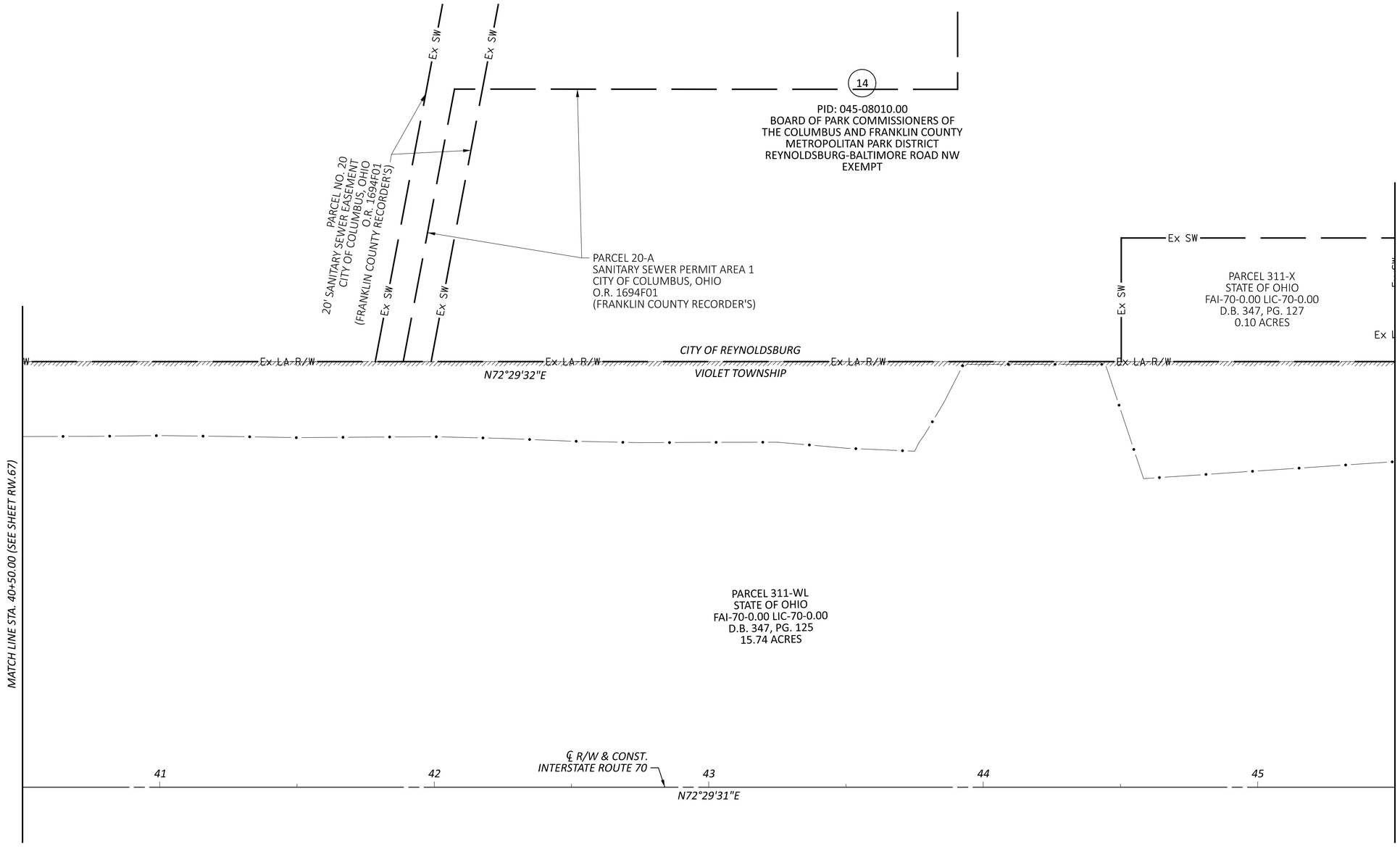
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 32, TOWNSHIP 16, RANGE 20



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 40+50.00 TO STA 45+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.71 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB910 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:44:35 PM USER: mmayes
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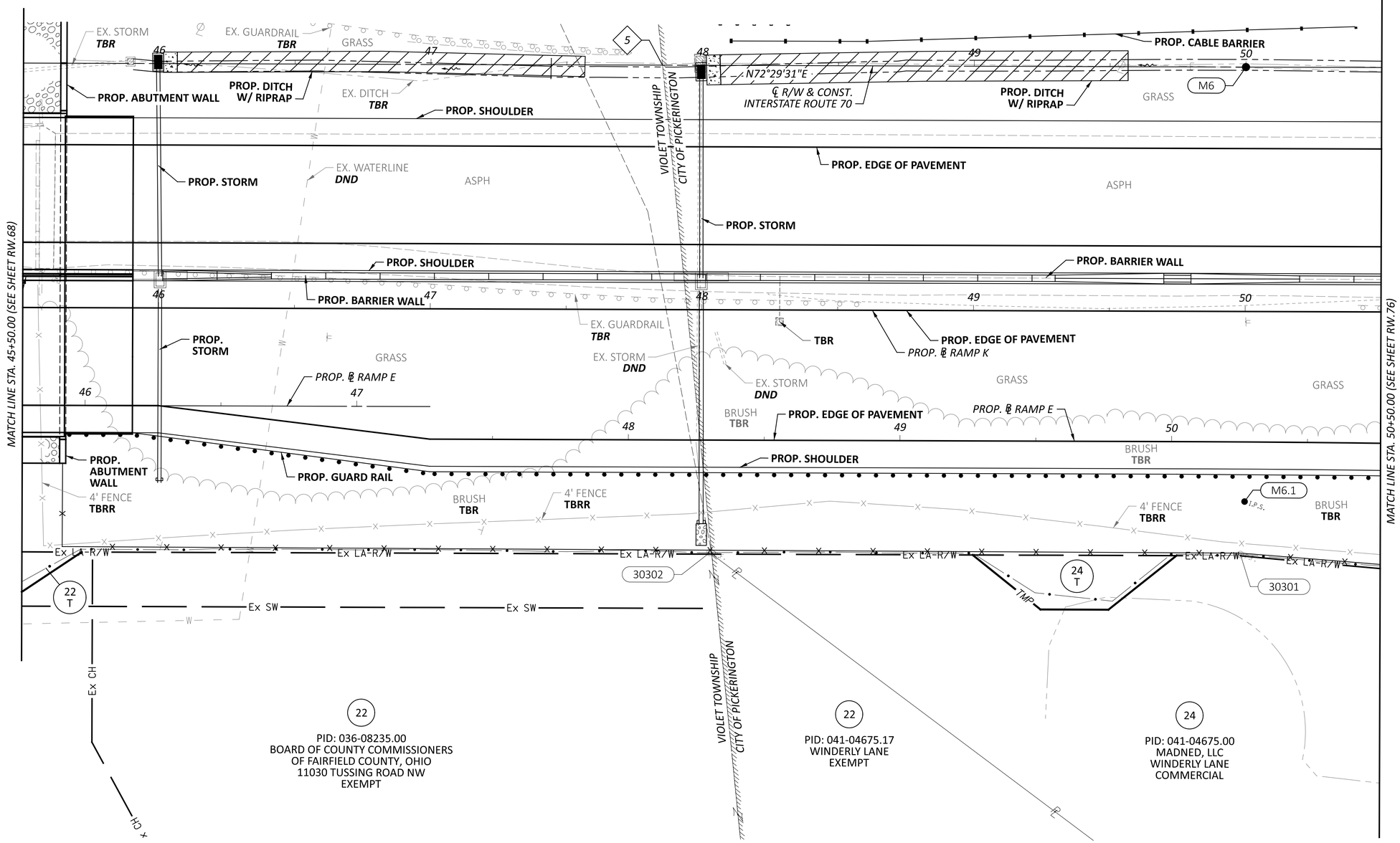
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



22
PID: 036-08235.00
BOARD OF COUNTY COMMISSIONERS
OF FAIRFIELD COUNTY, OHIO
11030 TUSSING ROAD NW
EXEMPT

22
PID: 041-04675.17
WINDERLY LANE
EXEMPT

24
PID: 041-04675.00
MADNED, LLC
WINDERLY LANE
COMMERCIAL

5 STA. 47+85.23

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 45+50.00 TO STA 50+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.72 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT011 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:45:12 PM USER: mmayes
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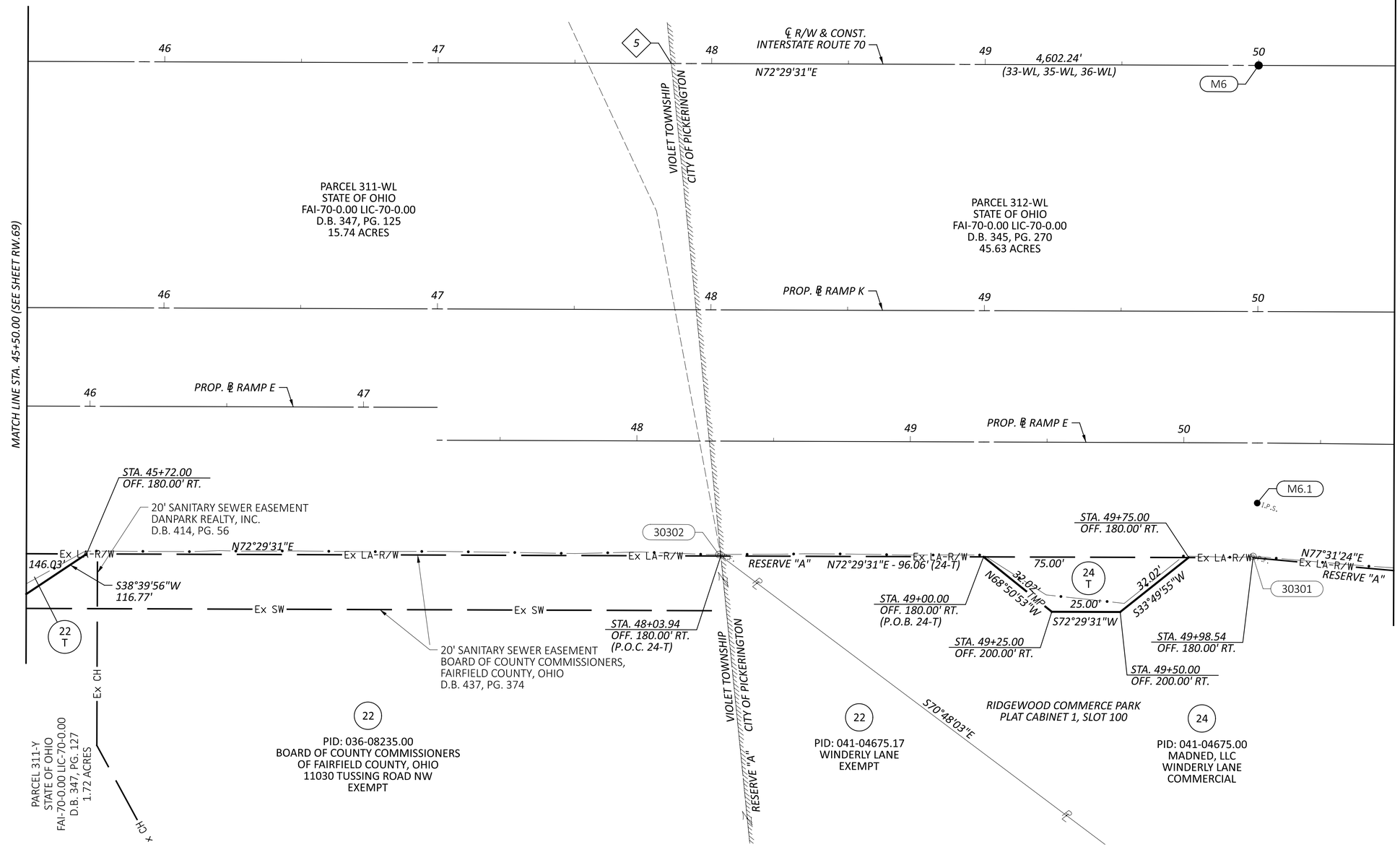
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



5 STA. 47+85.23

FAI/LIC-IR 70-0.00/0.00

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HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 45+50.00 TO STA 50+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.73 TOTAL RW.220

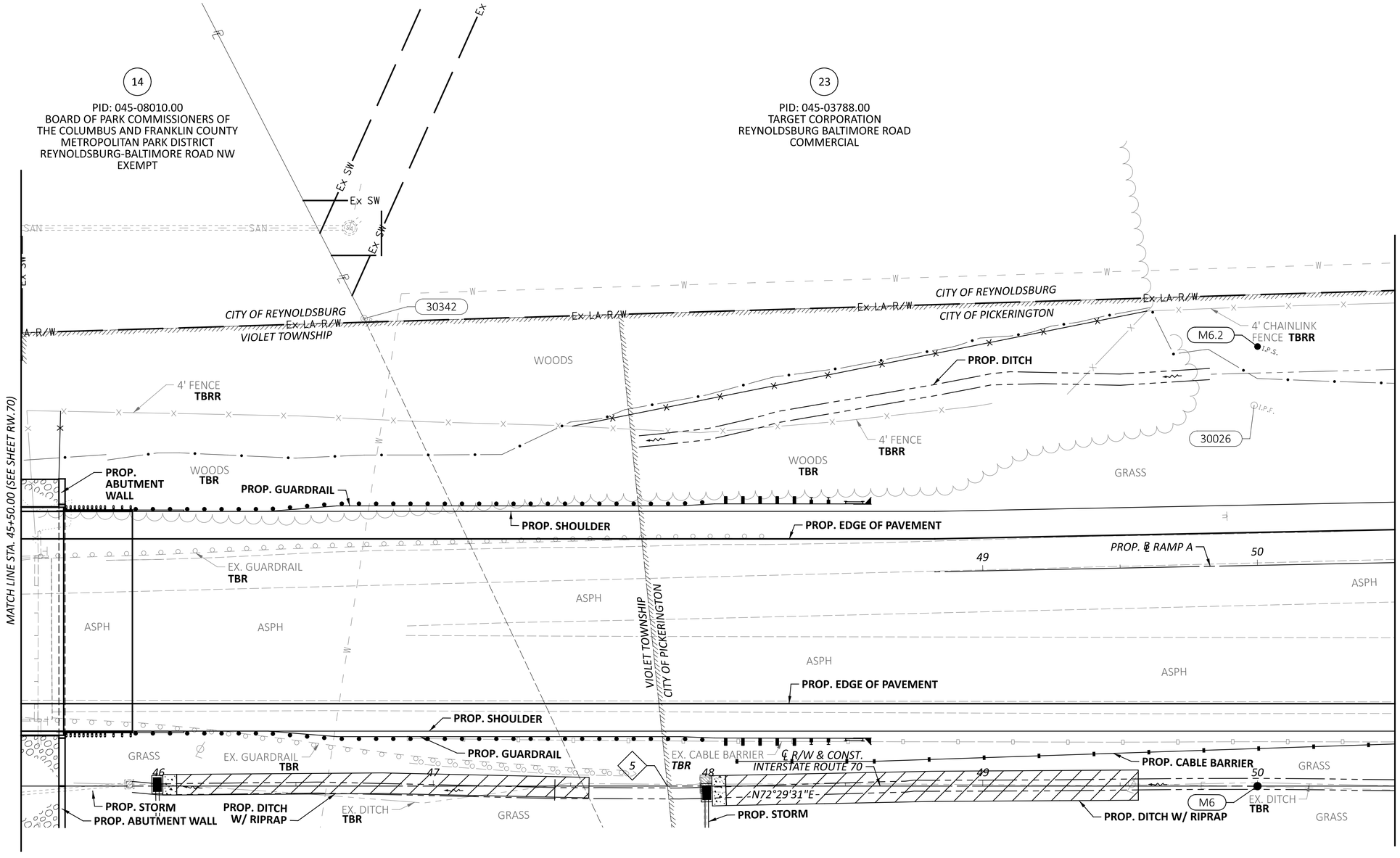
5 STA. 47+85.23

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

14
PID: 045-08010.00
BOARD OF PARK COMMISSIONERS OF THE COLUMBUS AND FRANKLIN COUNTY METROPOLITAN PARK DISTRICT
REYNOLDSBURG-BALTIMORE ROAD NW
EXEMPT

23
PID: 045-03788.00
TARGET CORPORATION
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL



RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 45+50.00 TO STA 50+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.74 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT911 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:46:12 PM USER: mmayes
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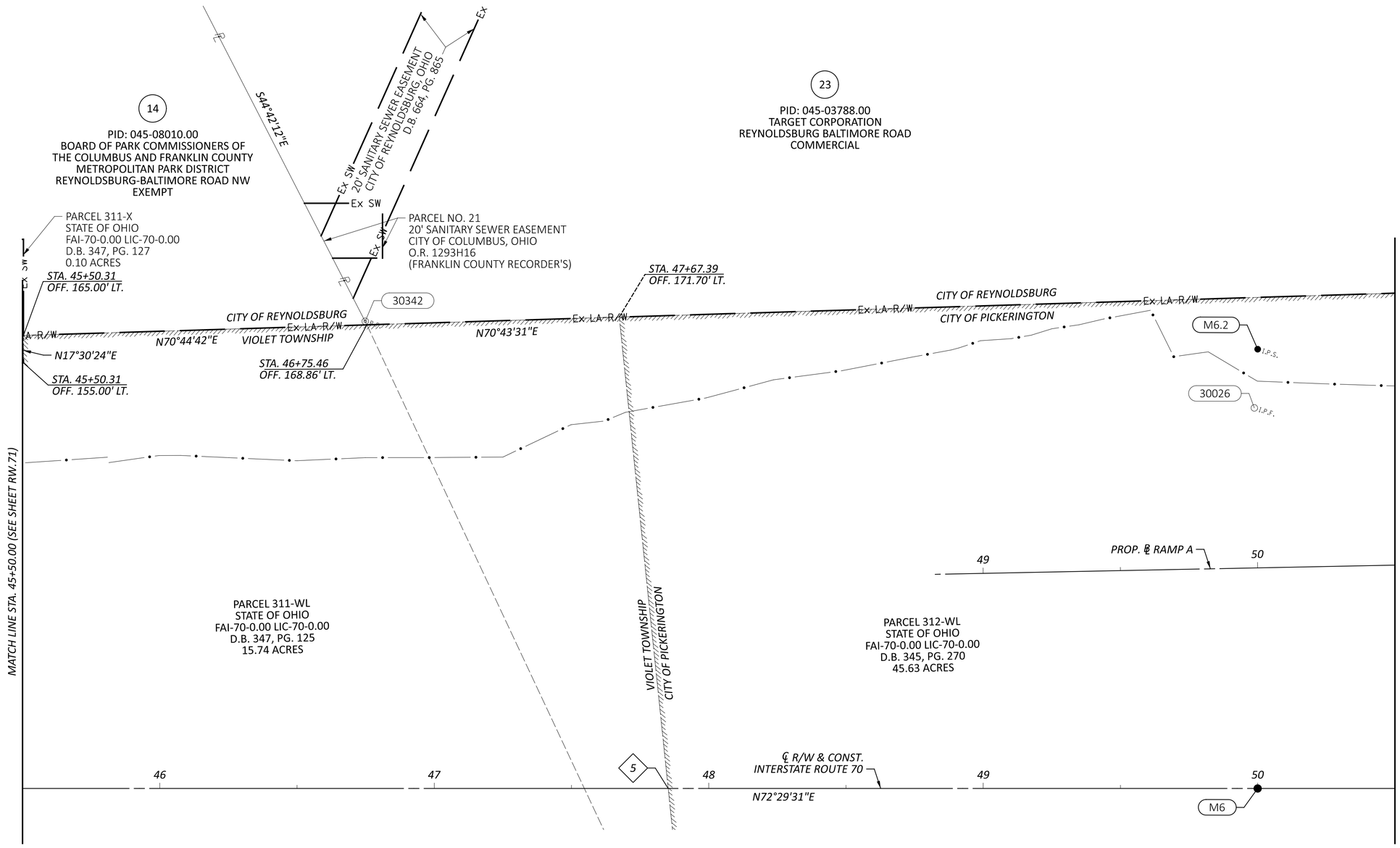
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 32, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



5 STA. 47+85.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 45+50.00 TO STA 50+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

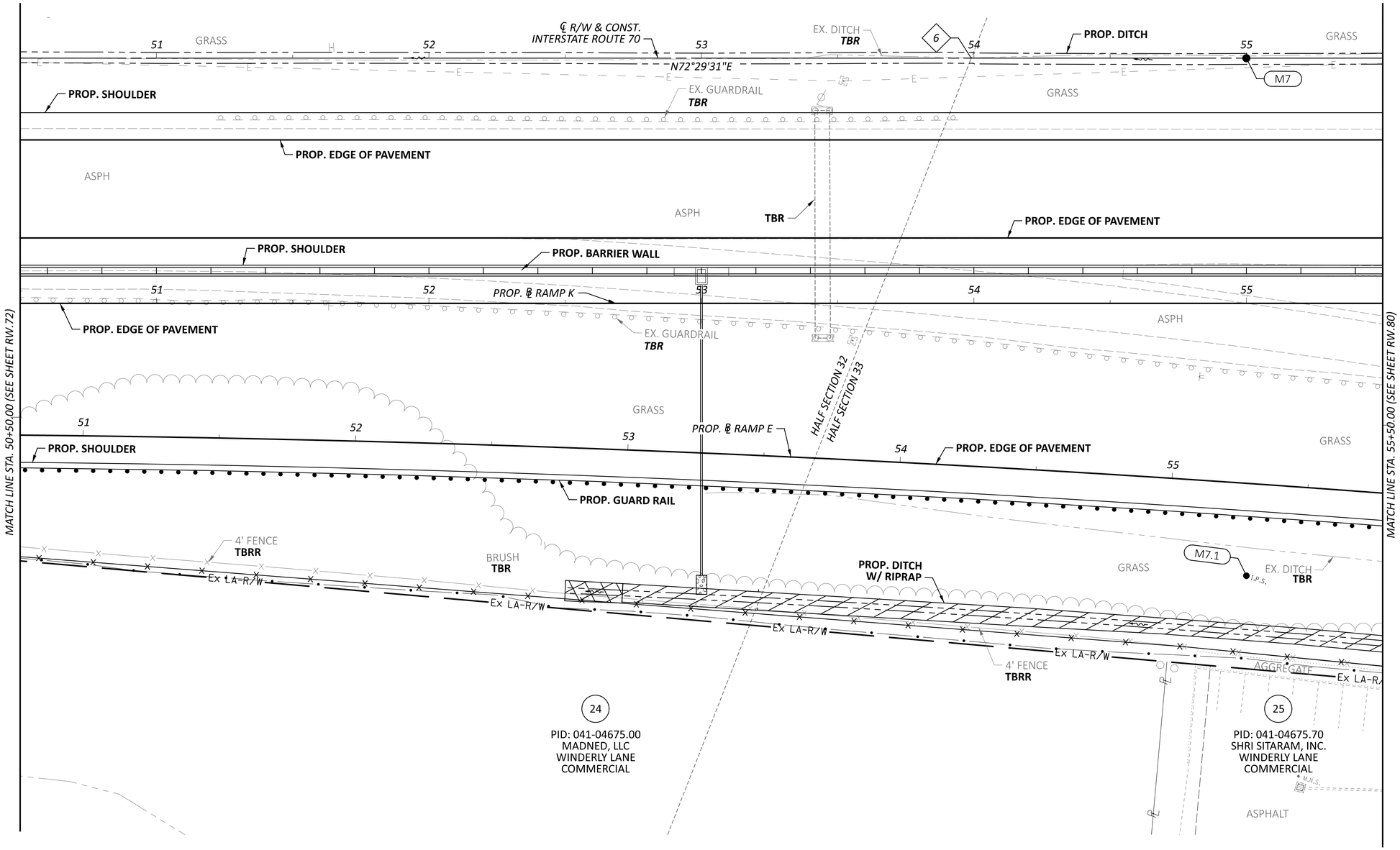
PROJECT ID
96808

SHEET RW.75 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB911 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:46:35 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB911.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTIONS 32 & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



6 STA. 53+99.01

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 50+50.00 TO STA 55+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.76 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT012 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:47:11 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT012.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTIONS 32 & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

51 52 53 54 55

N72°29'31"E

6

4,602.24'
(33-WL, 35-WL, 36-WL)

M7

MATCH LINE STA. 50+50.00 (SEE SHEET RW.73)

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

MATCH LINE STA. 55+50.00 (SEE SHEET RW.81)

PROP. ℄ RAMP K

51 52 53 54 55

HALF SECTION 32
HALF SECTION 33

PROP. ℄ RAMP E

51 52 53 54 55

M7.1
I.P.S.

RESERVE "A"

Ex LA-R/W

Ex LA-R/W

N77°31'24"E

Ex LA-R/W

Ex LA-R/W

STA. 54+86.77
OFF. 222.98' RT.

STA. 54+70.83
OFF. 221.58' RT.

RESERVE "A"

Ex LA-R/W

RIDGEWOOD COMMERCE PARK
PLAT CABINET 1, SLOT 100

24

PID: 041-04675.00
MADNED, LLC
WINDERLY LANE
COMMERCIAL

℄

S12°21'51"E

℄

25

PID: 041-04675.70
SHRI SITARAM, INC.
WINDERLY LANE
COMMERCIAL

6 STA. 53+99.01

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 50+50.00 TO STA 55+50.00

FAI/LIC-IR 70-0.00/0.00

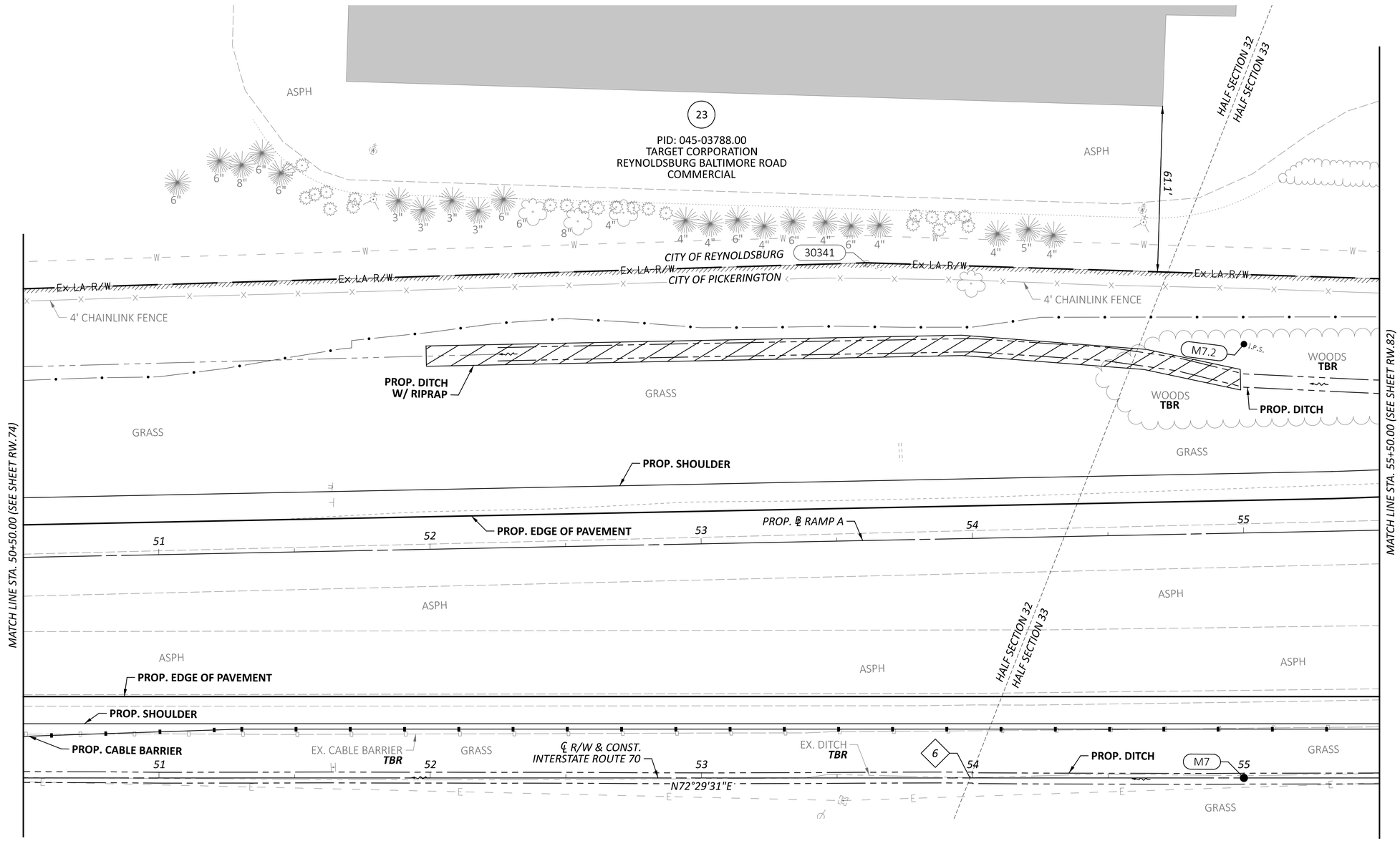
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.77 TOTAL RW.220

MODEL: 96808_RB012 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:47:34 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB012.dgn

6 STA. 53+99.01

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTIONS 32 & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 50+50.00 TO STA 55+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.78 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT912 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:48:10 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT912.dgn

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTIONS 32 & 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

23

PID: 045-03788.00
TARGET CORPORATION
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

HALF SECTION 32
HALF SECTION 33

STA. 53+60.86
OFF. 190.00' LT.

30341

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON

Ex. L.A. R/W
Ex. L.A. R/W
N70°43'31"E
Ex. L.A. R/W
Ex. L.A. R/W
N74°13'36"E
Ex. L.A. R/W

I.P.S.
M7.2

MATCH LINE STA. 50+50.00 (SEE SHEET RW.75)

MATCH LINE STA. 55+50.00 (SEE SHEET RW.83)

PROP. ℄ RAMP A

51 52 53 54 55

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

HALF SECTION 32
HALF SECTION 33

M7

℄ R/W & CONST.
INTERSTATE ROUTE 70

6

51 52 53 54 55

N72°29'31"E

6 *STA. 53+99.01*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 50+50.00 TO STA 55+50.00

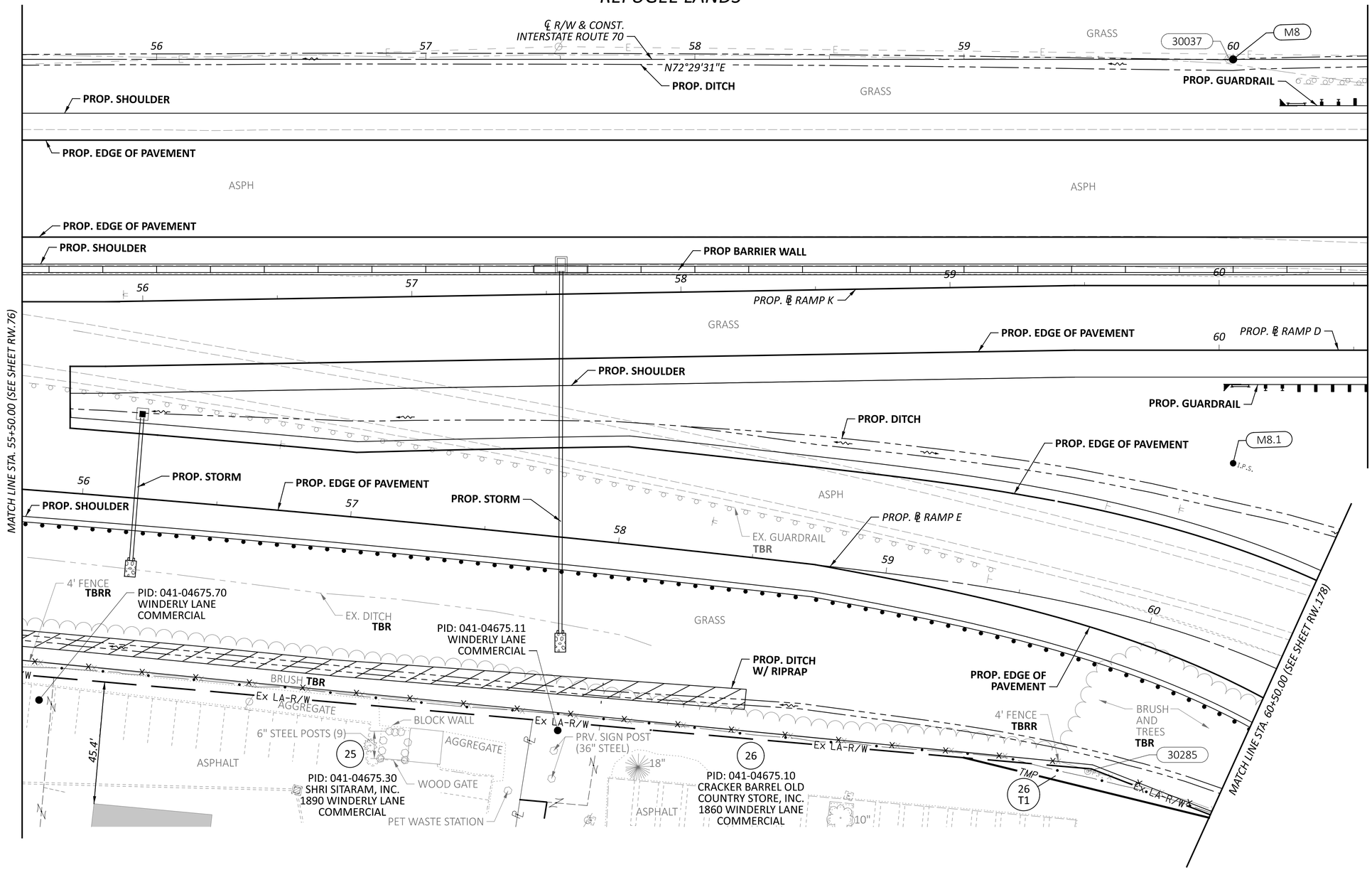
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.79 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB912 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:48:33 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB912.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 55+50.00 TO STA 60+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT013 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:49:09 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT013.dgn

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.80 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

℄ R/W & CONST.
INTERSTATE ROUTE 70

56 57 58 59 60

N72°29'31"E
4,602.24'
(33-WL, 35-WL, 36-WL)

30037
M8

MATCH LINE STA. 55+50.00 (SEE SHEET RW.77)

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

PROP. ℄ RAMP K
PROP. ℄ RAMP D

MATCH LINE STA. 60+50.00 (SEE SHEET RW.85)

M8.1
I.P.-S.

PROP. ℄ RAMP E

PID: 041-04675.11
WINDERLY LANE
COMMERCIAL

RESERVE "A"
N77°31'24"E
Ex LA-R/W

STA. 55+61.79
OFF. 229.59' RT.

PID: 041-04675.70
WINDERLY LANE
COMMERCIAL

RIDGEWOOD COMMERCE PARK
PLAT CABINET 1, SLOT 100

25

PID: 041-04675.30
SHRI SITARAM, INC.
1890 WINDERLY LANE
COMMERCIAL

STA. 57+39.72
OFF. 245.25' RT.
(P.O.C. 26-T1)

S08°31'31"E
E1

STA. 57+64.68
OFF. 247.45' RT.

26

PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

Ex LA-R/W
160.90' (26-T1)

STA. 59+00.00
OFF. 259.37' RT.
(P.O.B. 26-T1)

RESERVE "A"
47.60'
TMP

30285
STA. 59+47.42
OFF. 263.54' RT.

S86°23'55"E - 56.37'
Ex. LA-R/W
S86°14'42"W - 102.95'

26
T1

MATCH LINE STA. 60+50.00 (SEE SHEET RW.179)

E1 10' INGRESS & EGRESS EASEMENT
O.R. 1458, PG. 311
0.0615 ACRES

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 594, PG. 54
(10' WIDE ON CENTERLINE OF UTILITIES AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(LOCATED ON PARCEL 26)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 55+50.00 TO STA 60+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.81 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB013 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:49:32 PM USER: mmayes
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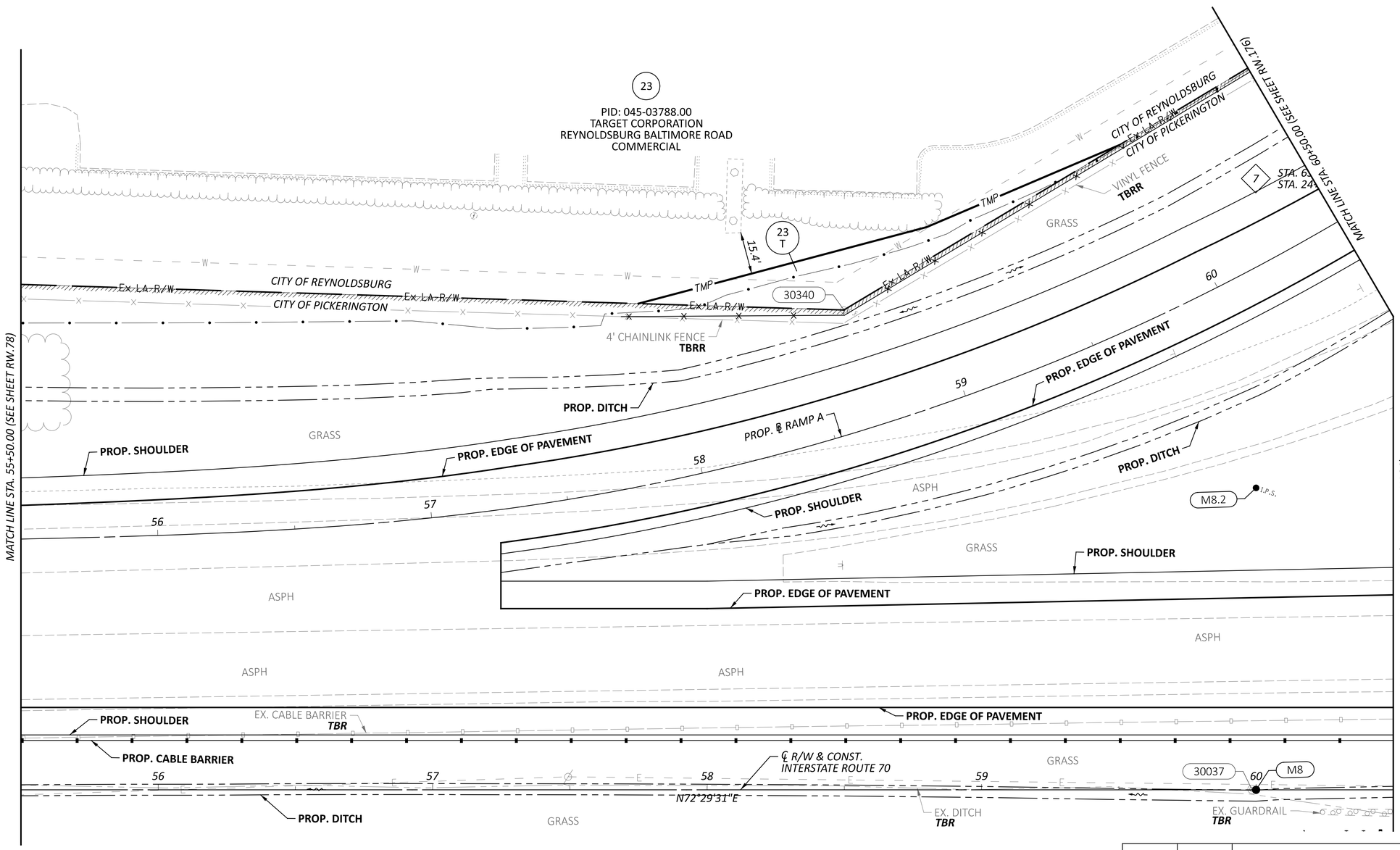
FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 55+50.00 TO STA 60+50.00

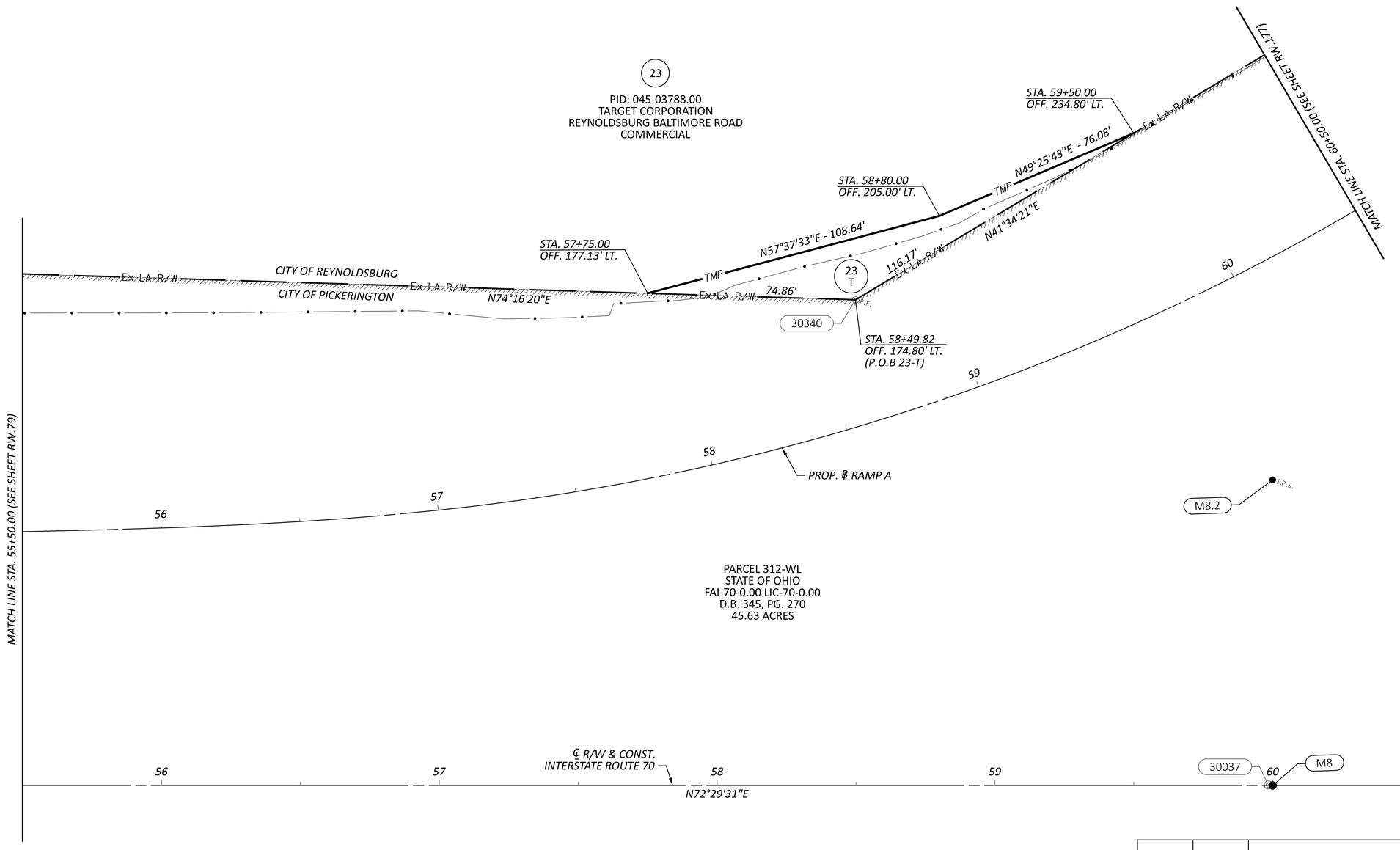
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.82 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT913 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:50:08 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\M01-Engineering_StructurePoint\RW\Sheets\96808_RT913.dgn

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 55+50.00 TO STA 60+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

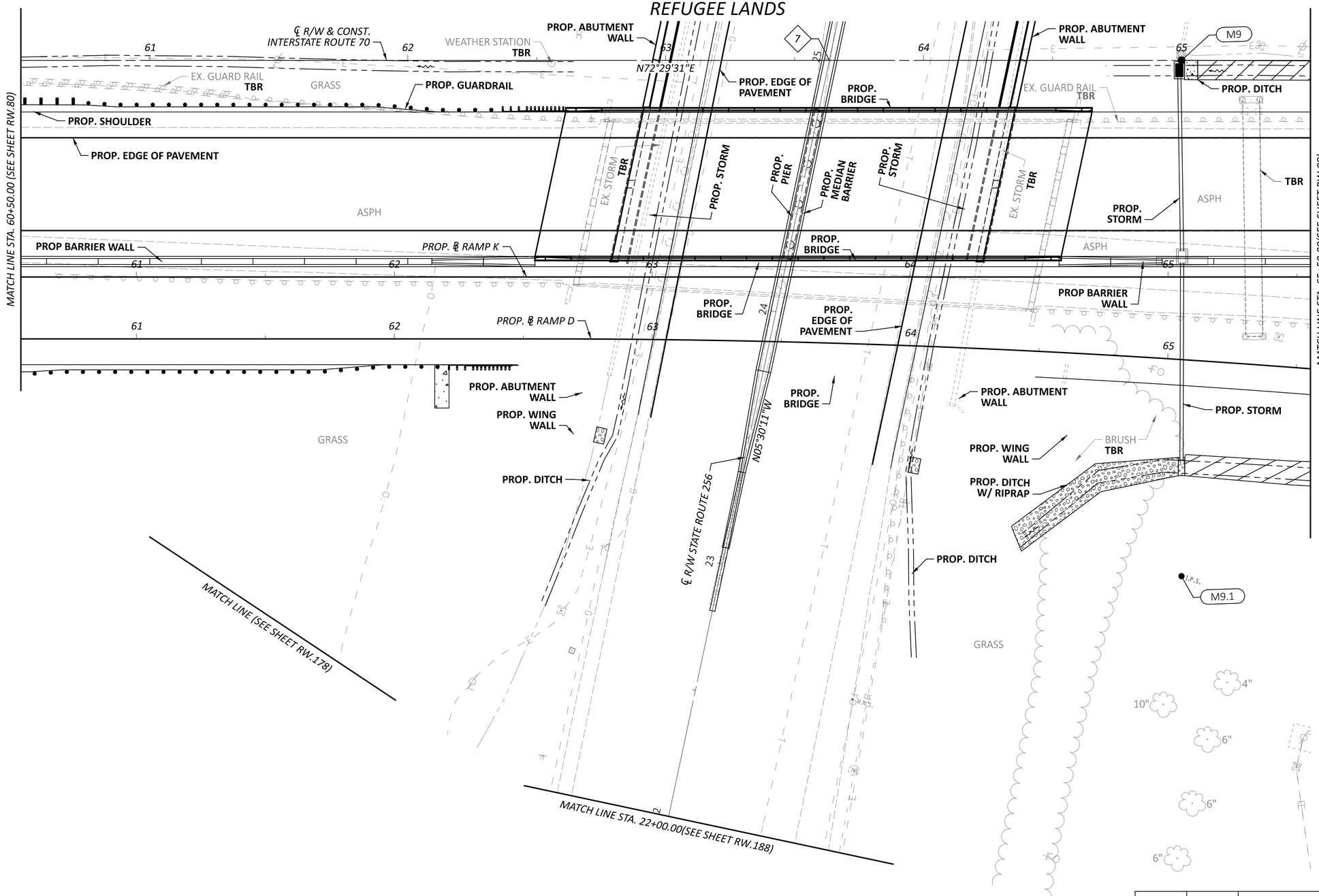
DESIGN AGENCY
WSP/USA
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.83 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB913 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:50:30 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB913.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 60+50.00 TO STA 65+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

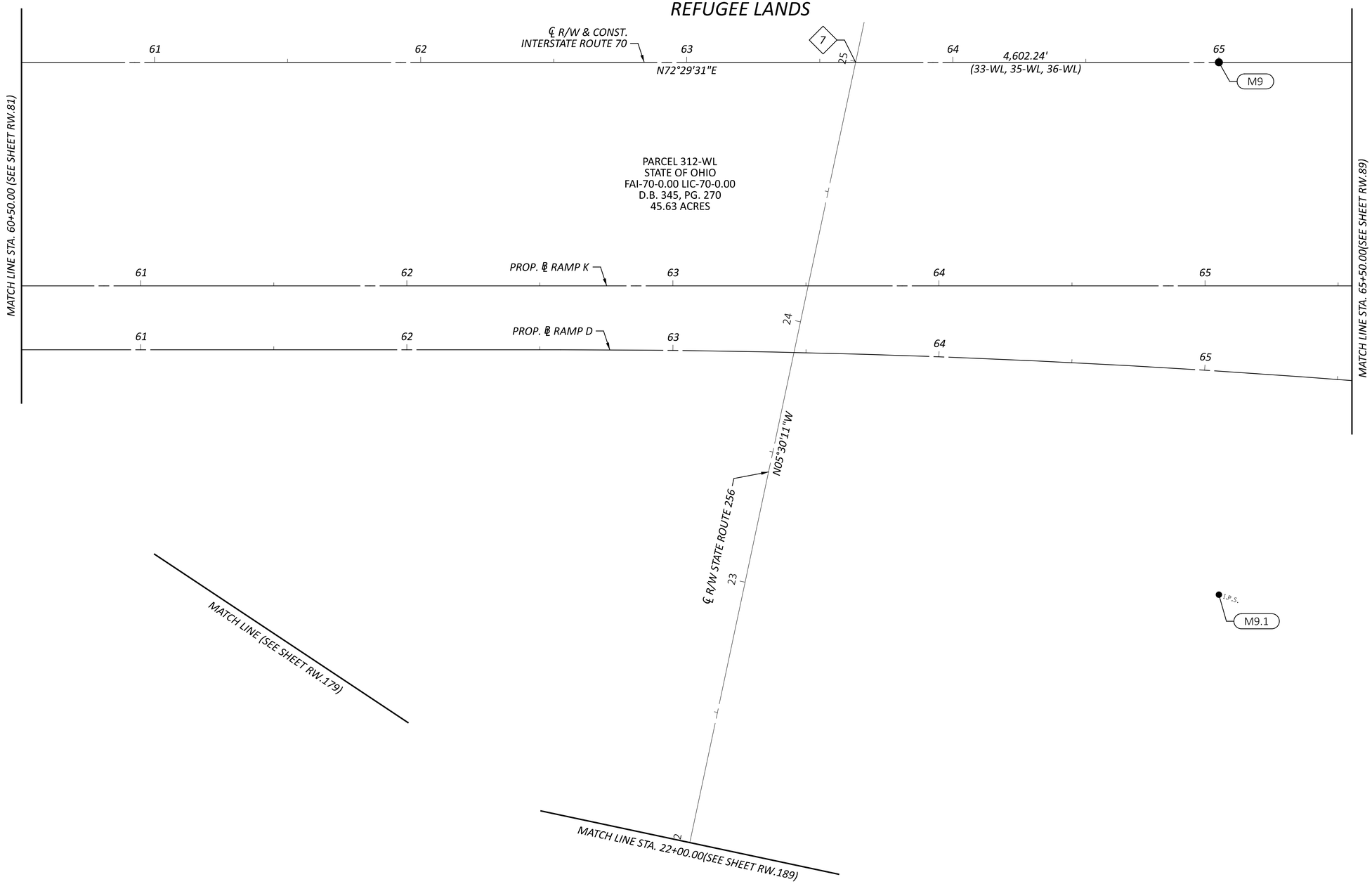
DESIGN AGENCY

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.84 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT014 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:51:06 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT014.dgn

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 60+50.00 TO STA 65+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.85 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB014 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:51:29 PM USER: mmayes
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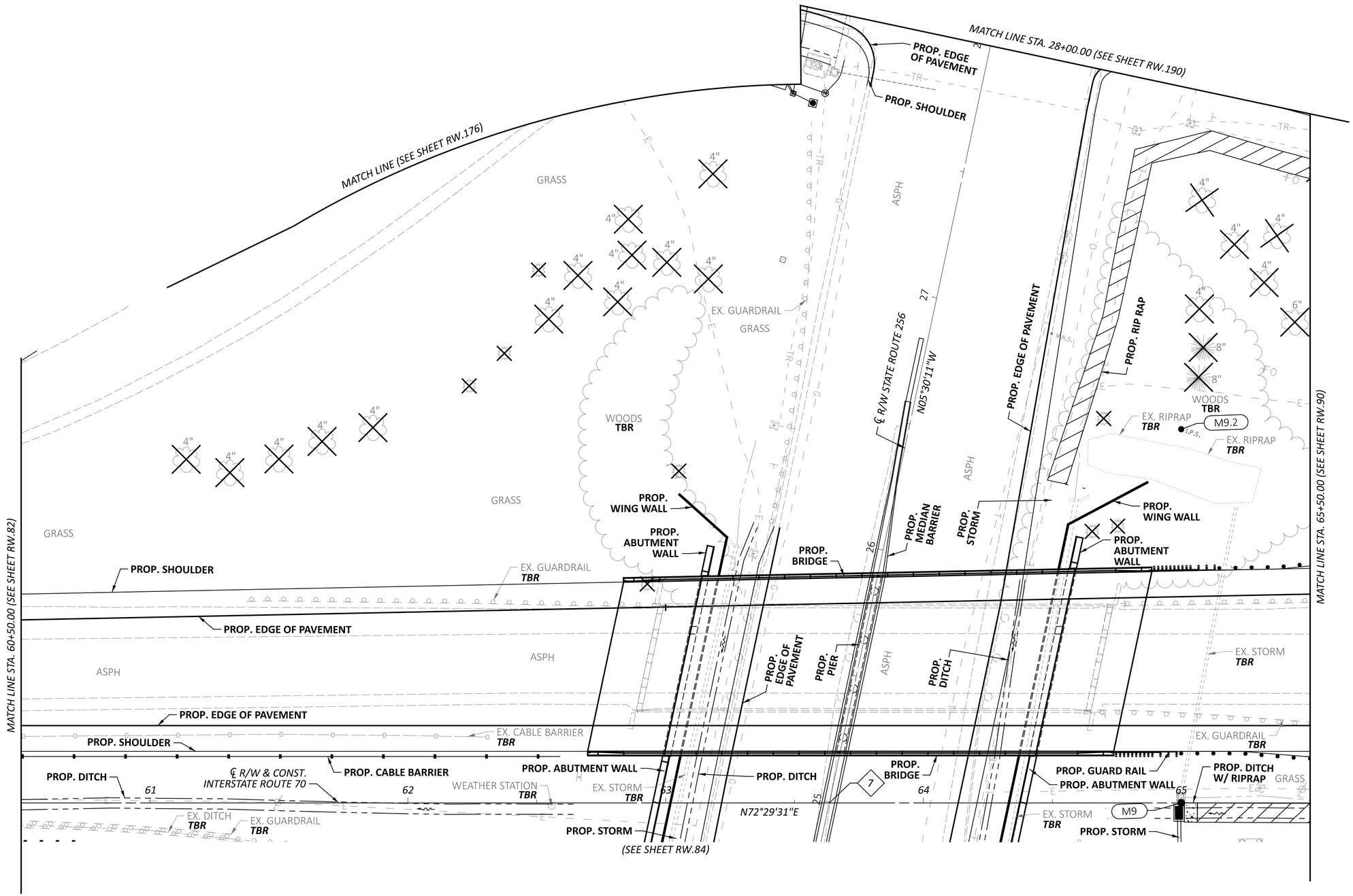
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 60+50.00 TO STA 65+50.00

DESIGN AGENCY	AMERICAN STRUCTUREPOINT INC.
DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.86
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT914 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:52:06 PM USER: mmayes
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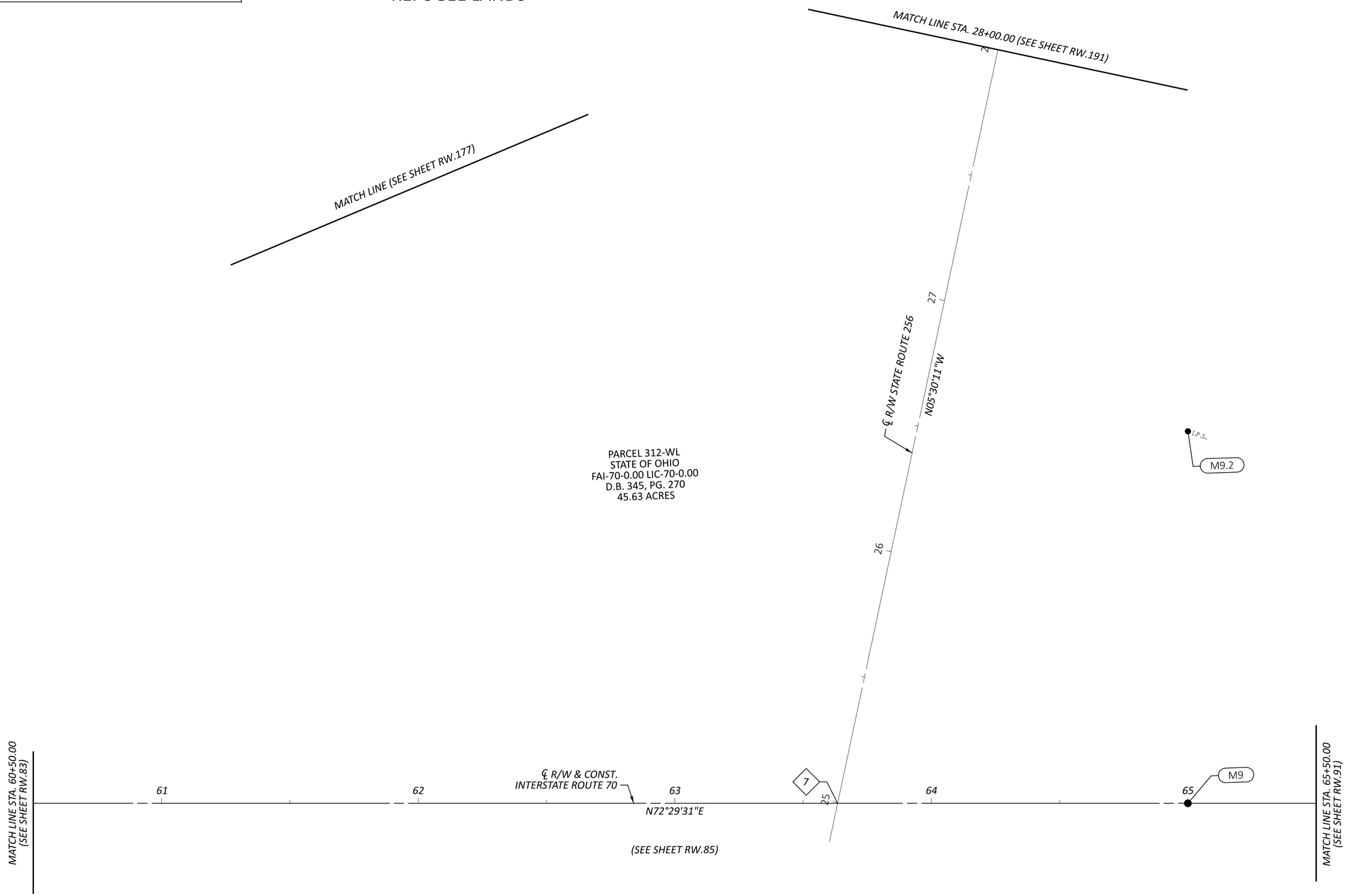
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



7 STA. 63+63.49 (℄ R/W I.R. 70)=
STA. 24+99.69 (℄ R/W S.R. 256)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 60+50.00 TO STA 65+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.87 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB914 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:52:30 PM USER: mmayes
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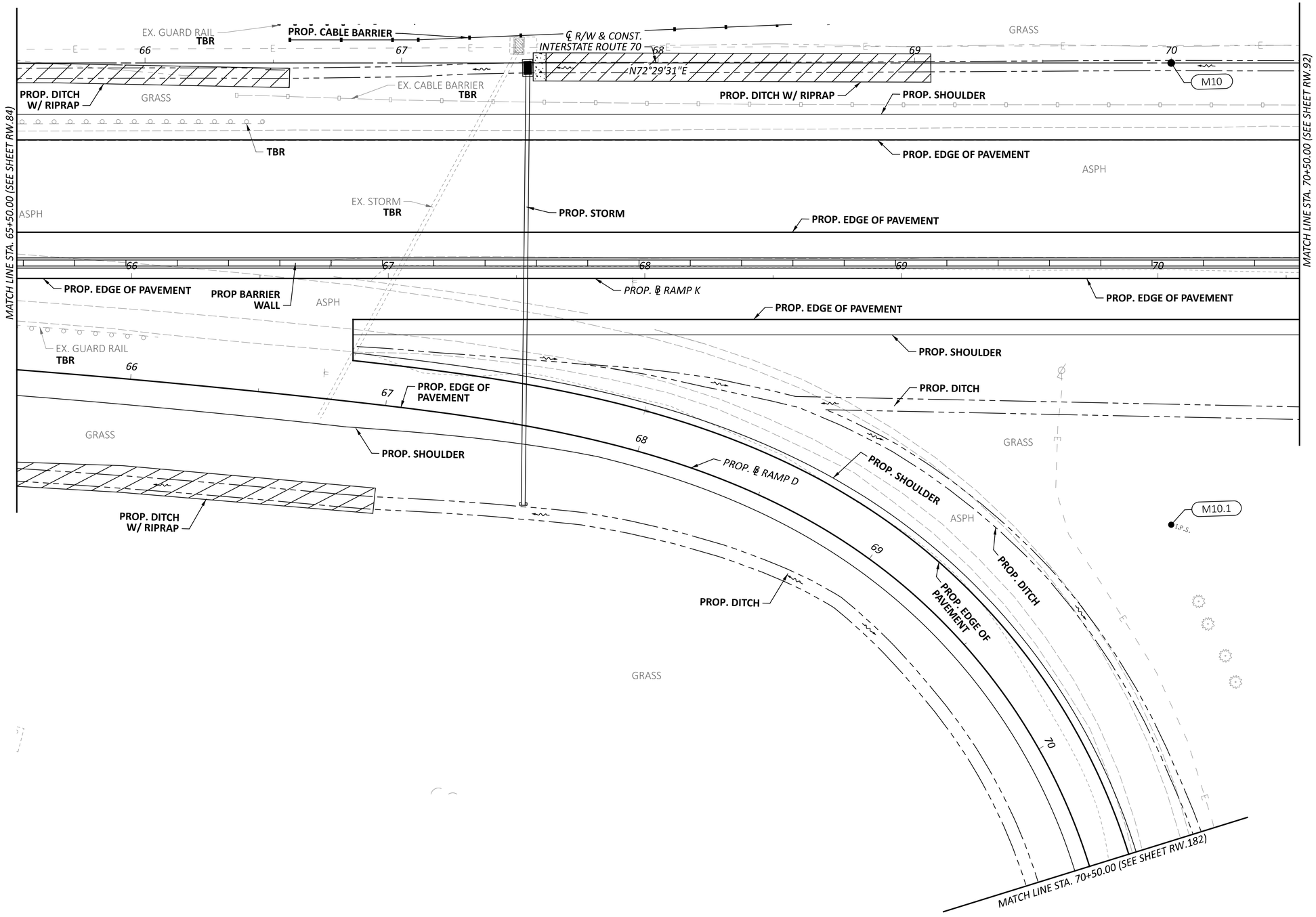
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.88 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT015 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:53:07 PM USER: mmayes
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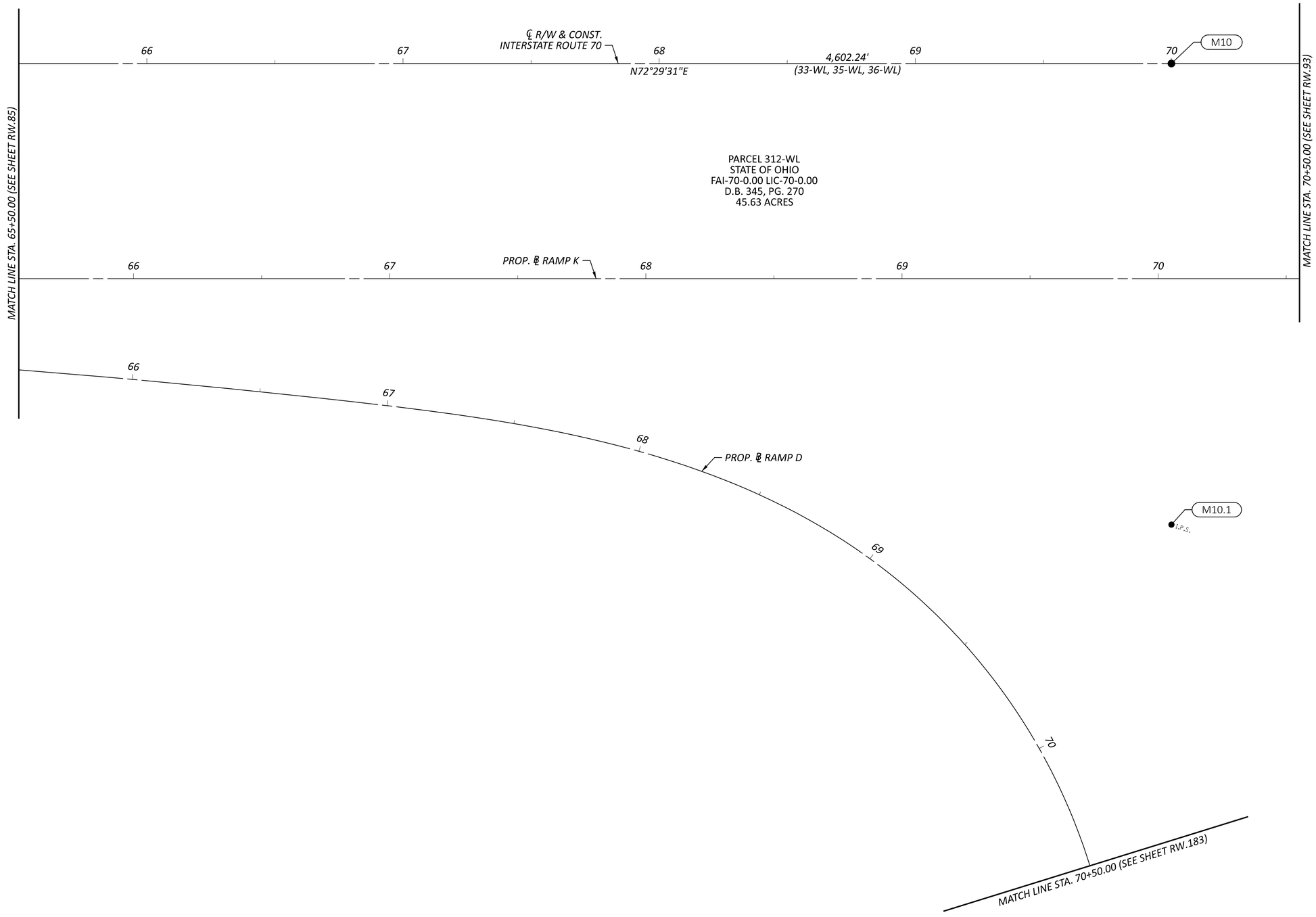
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.89 | TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB015 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:53:30 PM USER: mmayes
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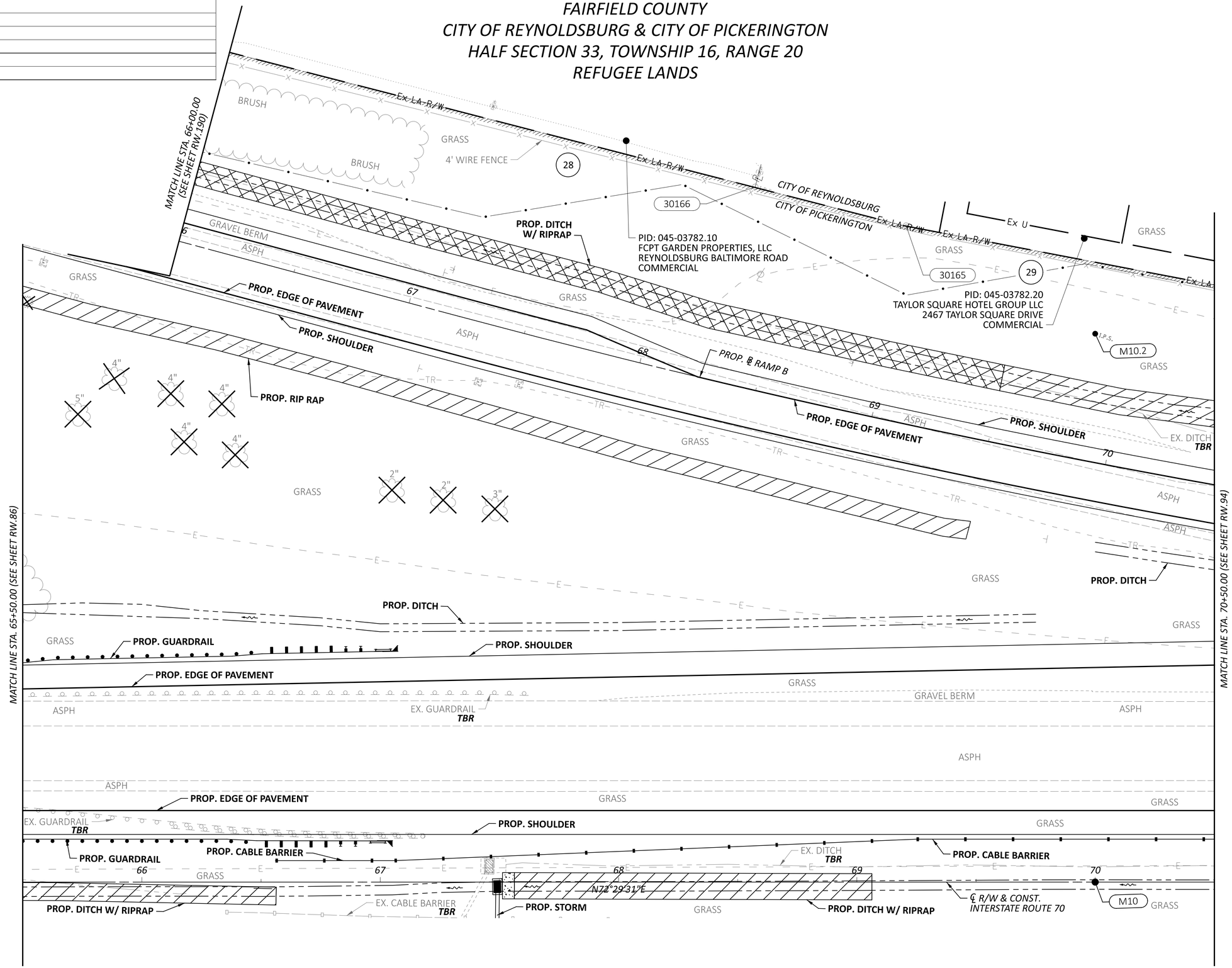
DATE COMPLETED

REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.90 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT915 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:54:06 PM USER: mmayes
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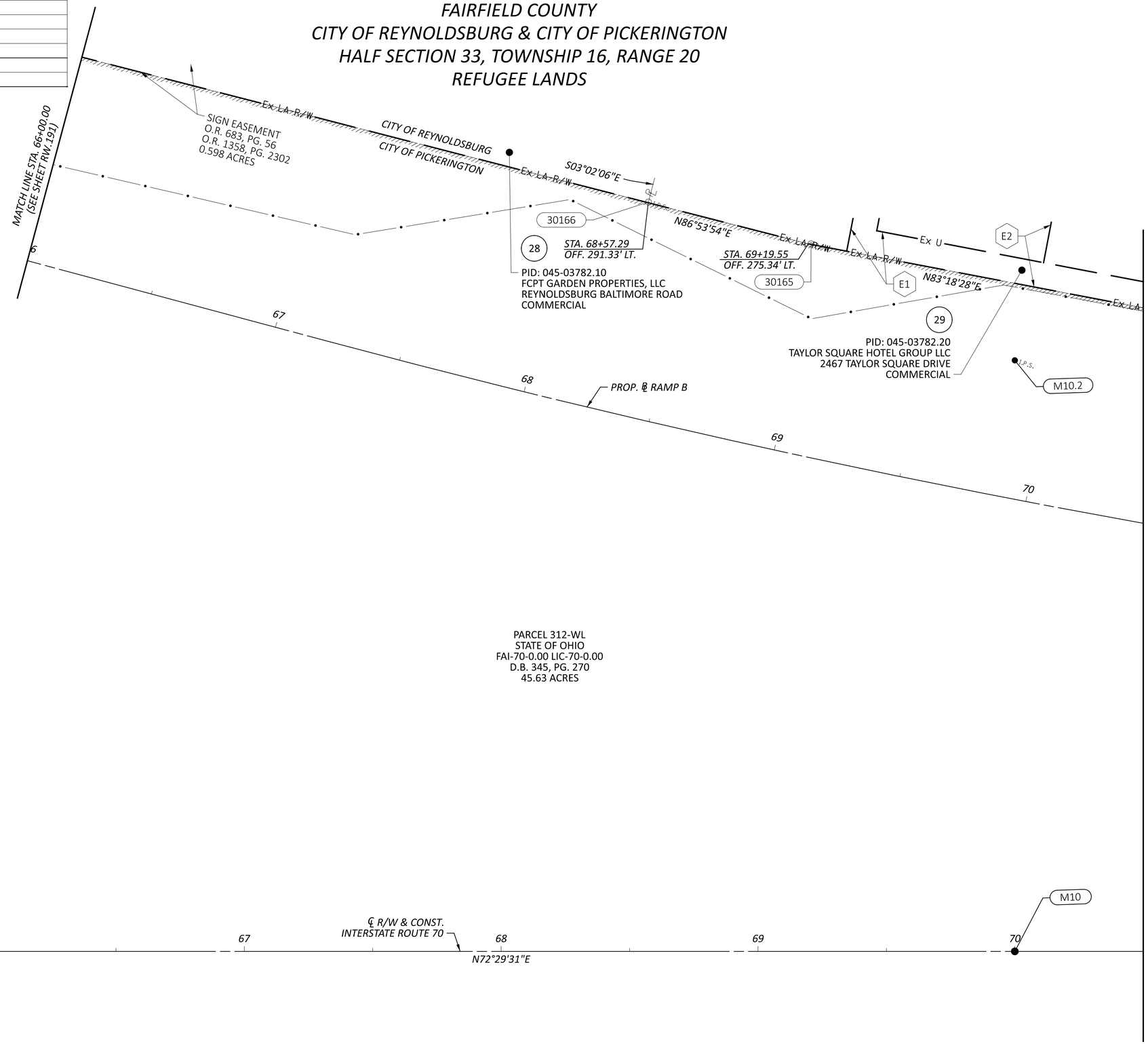
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 65+50.00 TO STA 70+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.91
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8915 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:54:29 PM USER: mmayes
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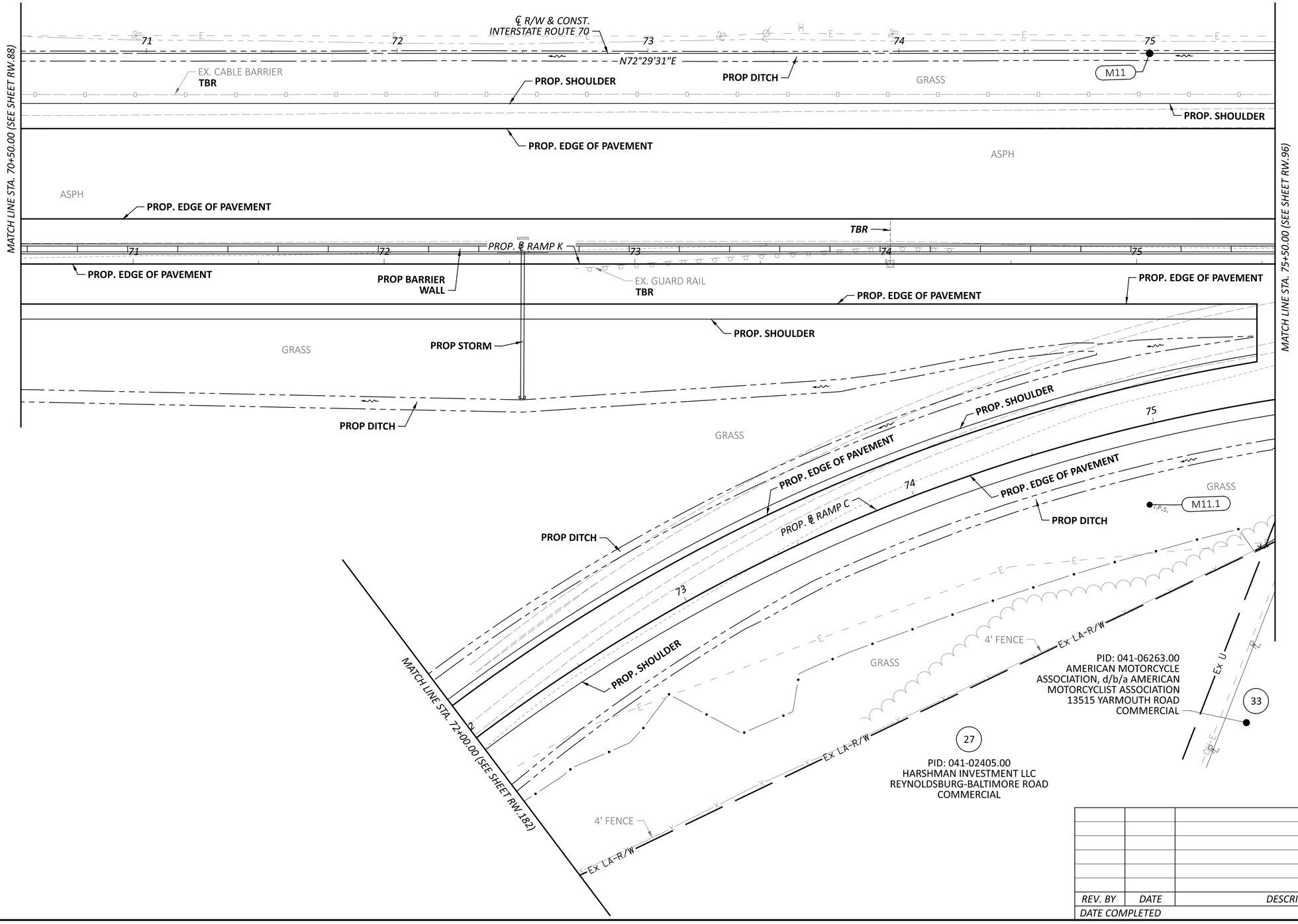
FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTIONS 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 70+50.00 TO STA 75+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.92 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT016 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:55:05 PM USER: mmayes
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FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB016 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:55:27 PM USER: mmayes
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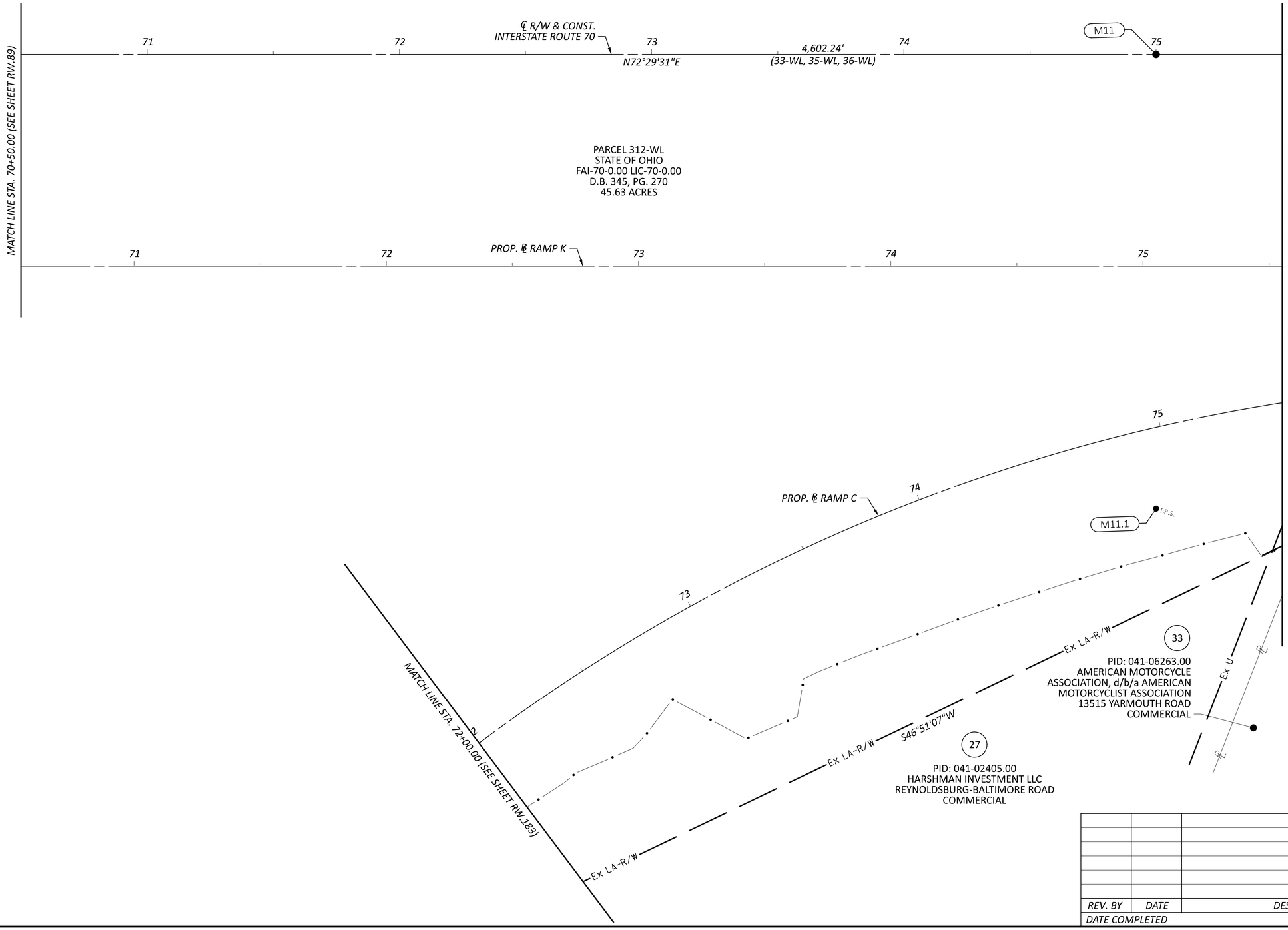
FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTIONS 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 70+50.00 TO STA 75+50.00

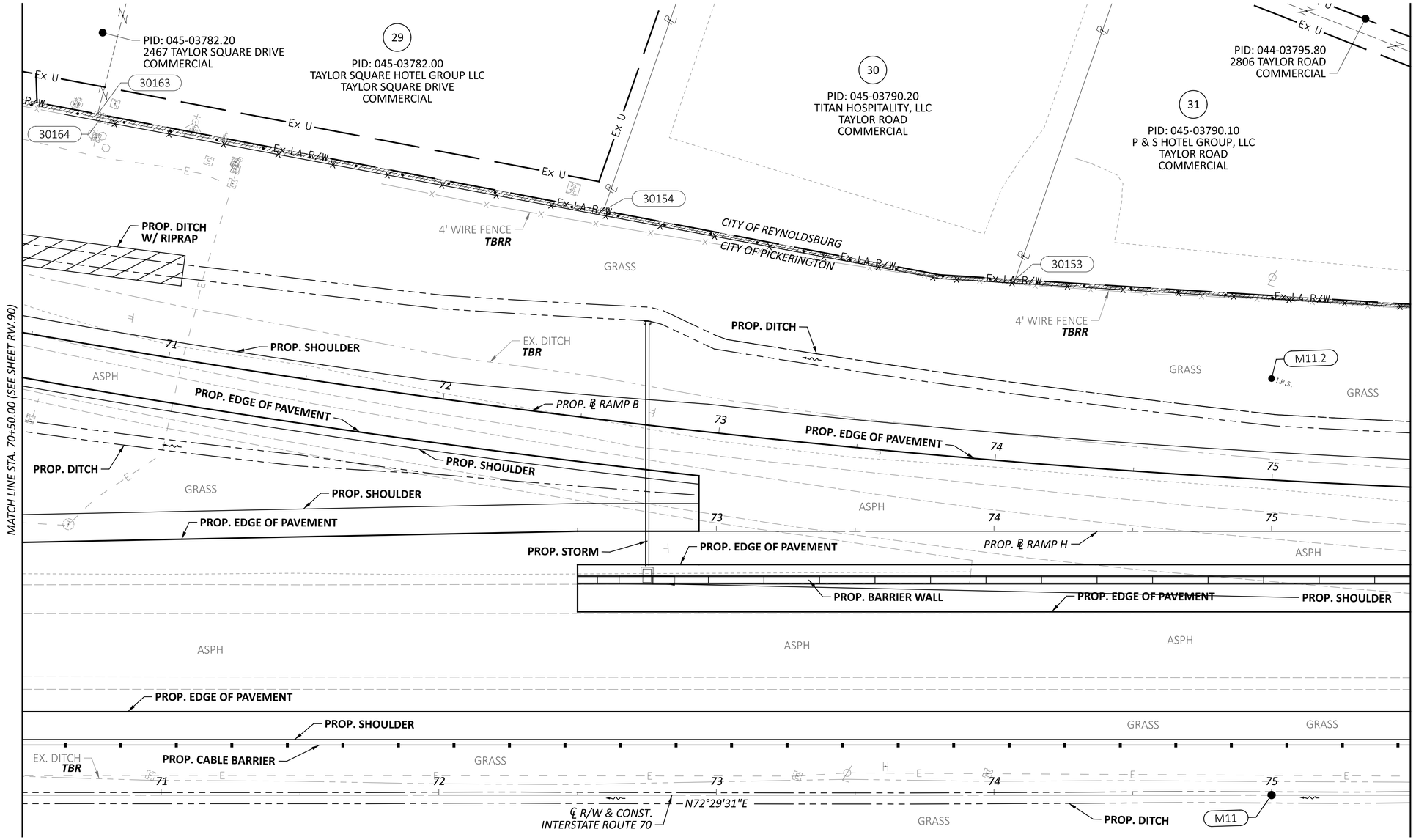
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.93 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 70+50.00 TO STA 75+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT916 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:56:03 PM USER: mmayes
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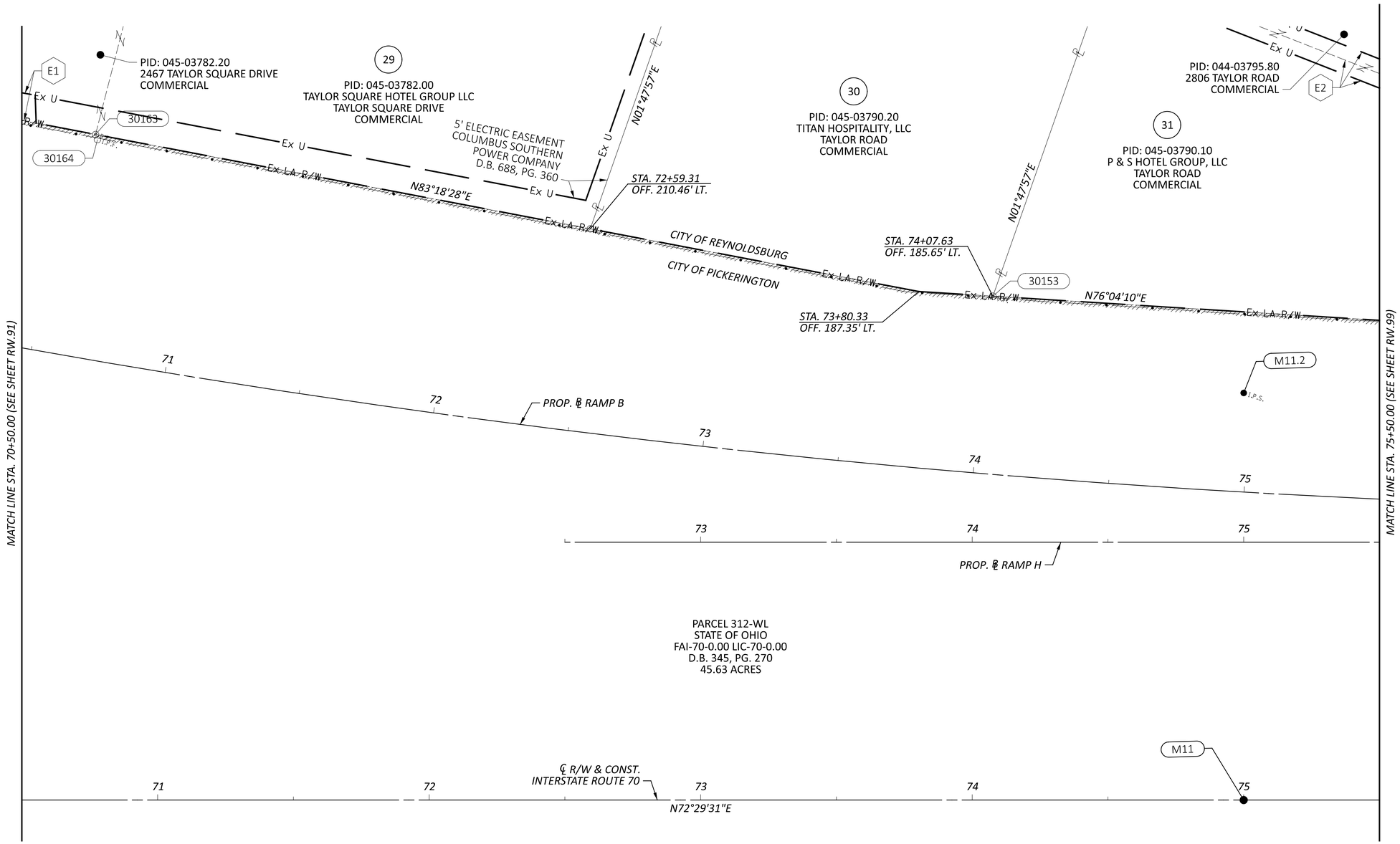
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT INC
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.94 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



E1 SIGN EASEMENT
O.R. 683, PG. 56
O.R. 1358, PG. 2302
0.598 ACRES

E2 5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN
OHIO ELECTRIC COMPANY
O.R. 345, PG. 386

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 70+50.00 TO STA 75+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.95
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB916 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:56:25 PM USER: mmayes
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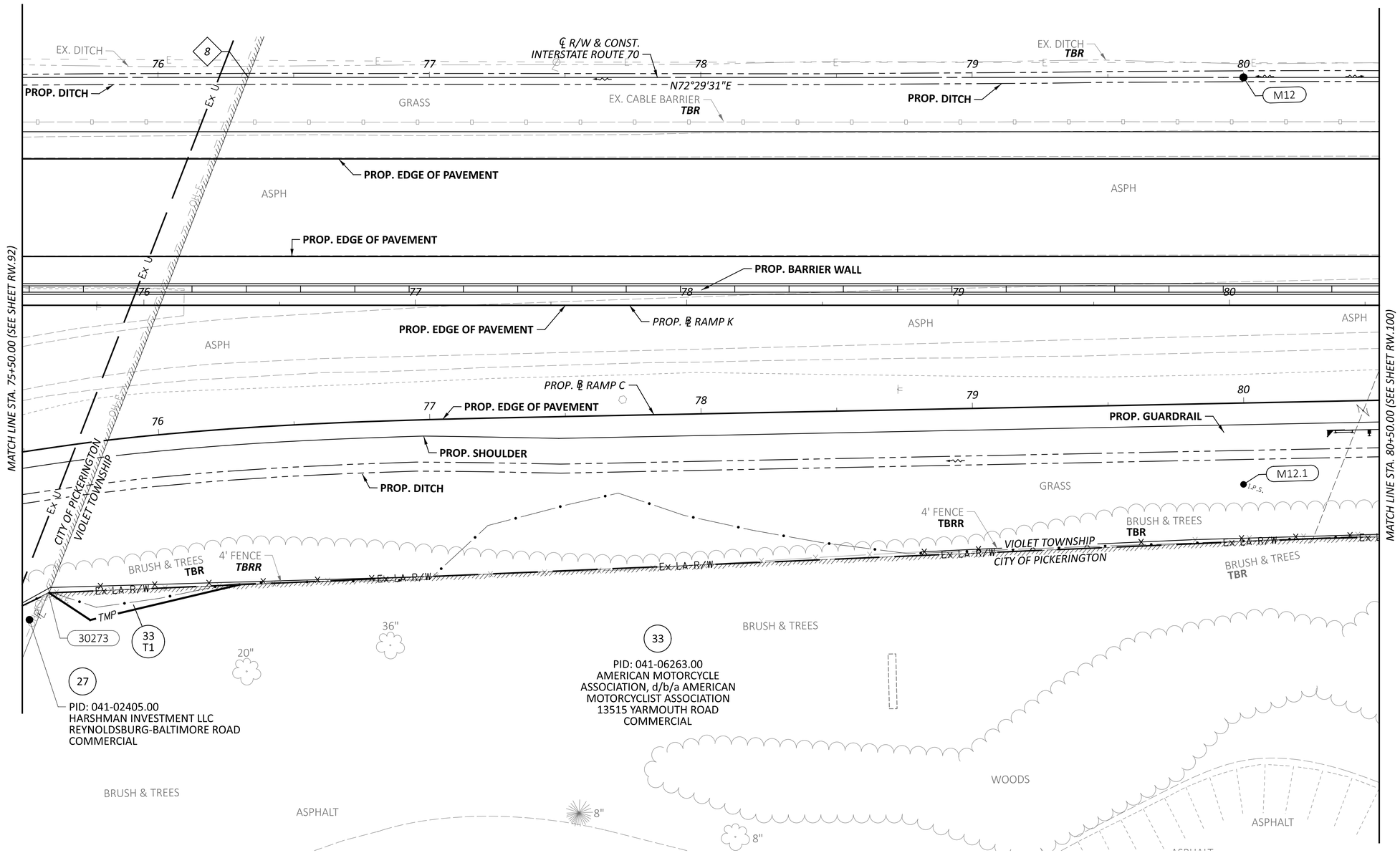
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTIONS 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



8 STA. 76+33.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.96 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT017 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:57:02 PM USER: mmayes
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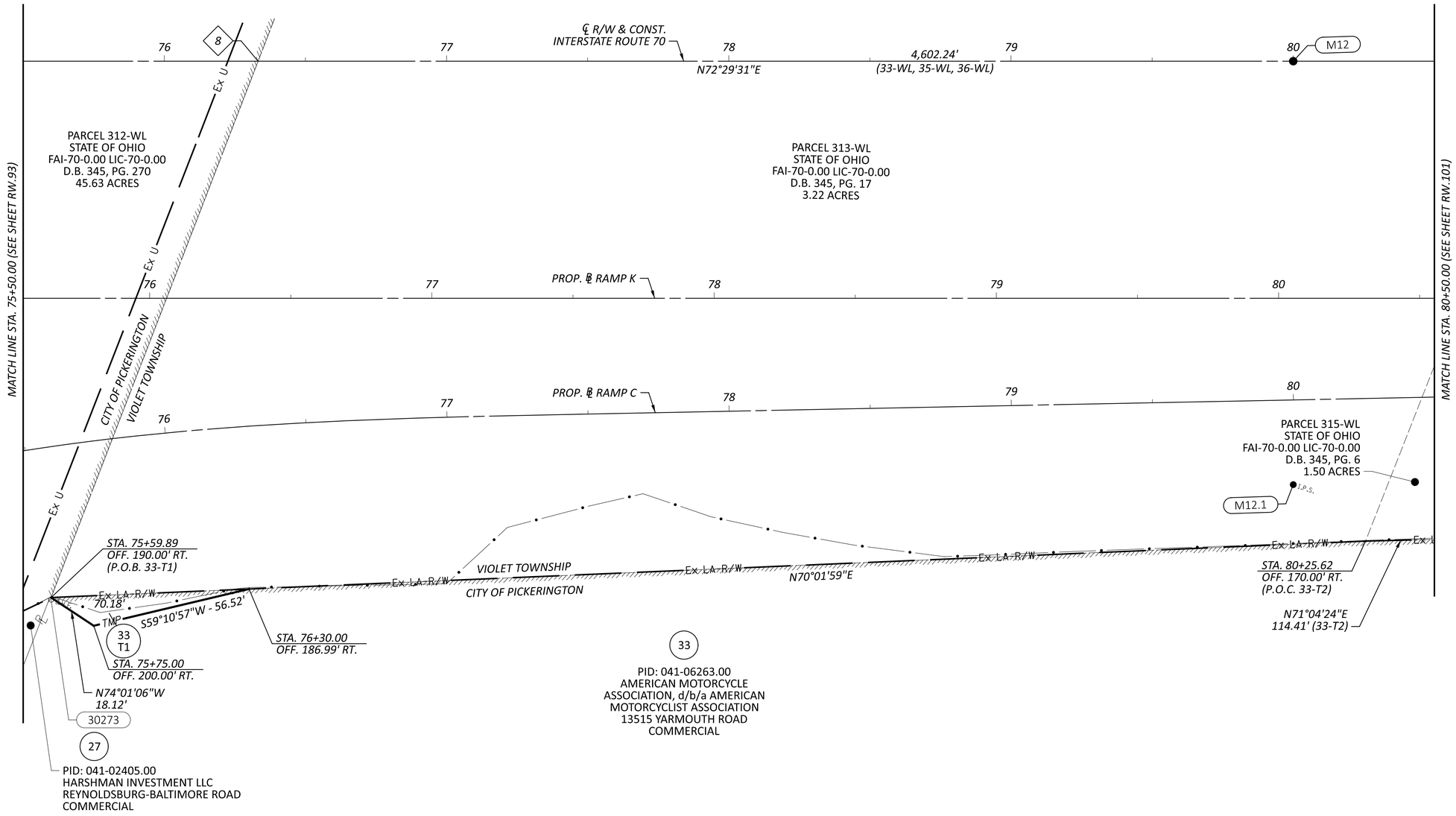
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTIONS 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.97 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB017 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:57:24 PM USER: mmayes
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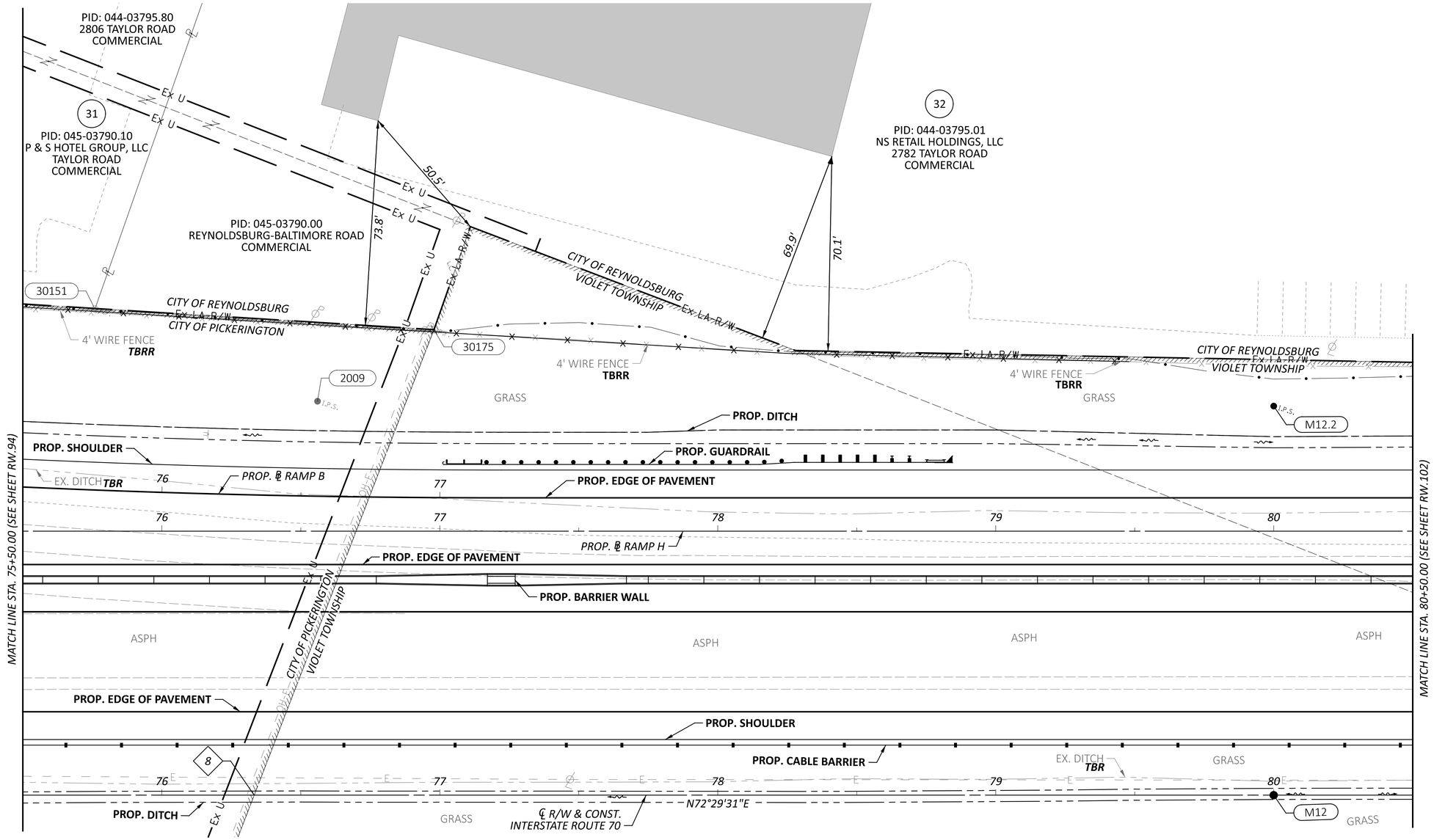
8 STA. 76+33.23

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.98 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT917 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:58:00 PM USER: mmayes
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG & CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

PID: 044-03795.80
2806 TAYLOR ROAD
COMMERCIAL

31

PID: 045-03790.10
P & S HOTEL GROUP, LLC
TAYLOR ROAD
COMMERCIAL

Ex U

5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN
OHIO ELECTRIC COMPANY
O.R. 345, PG. 388

N01°47'57"E

PID: 045-03790.00
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

STA. 75+76.00
OFF. 175.12' LT.

30151

CITY OF REYNOLDSBURG
Ex. L.A. R/W
CITY OF PICKERINGTON

N76°04'10"E

Ex U

Ex. L.A. R/W

N01°56'31"E

STA. 76+97.89
OFF. 167.50' LT

30175

2009

I.P.S.

STA. 77+10.99
OFF. 204.60' LT.

S86°38'22"E

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
Ex. L.A. R/W

32

PID: 044-03795.01
NS RETAIL HOLDINGS, LLC
2782 TAYLOR ROAD
COMMERCIAL

STA. 78+27.99
OFF. 160.00' LT.

N73°35'24"E
Ex. L.A. R/W

CITY OF REYNOLDSBURG
Ex. L.A. R/W
VIOLET TOWNSHIP

I.P.S.

M12.2

PARCEL 314-WL-1
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 266
1.02 ACRES

MATCH LINE STA. 75+50.00 (SEE SHEET RW.95)

MATCH LINE STA. 80+50.00 (SEE SHEET RW.103)

76 77 78 79 80

PROP. ℄ RAMP B

PROP. ℄ RAMP H

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 ACRES

10' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN
OHIO ELECTRIC COMPANY
O.R. 345, PG. 386

CITY OF PICKERINGTON
VIOLET TOWNSHIP

Ex U

PARCEL 313-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 17
3.22 ACRES

℄ R/W & CONST.
INTERSTATE ROUTE 70

N72°29'31"E

8

M12

8 STA. 76+33.23

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 75+50.00 TO STA 80+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.99 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB917 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:58:21 PM USER: mmayes
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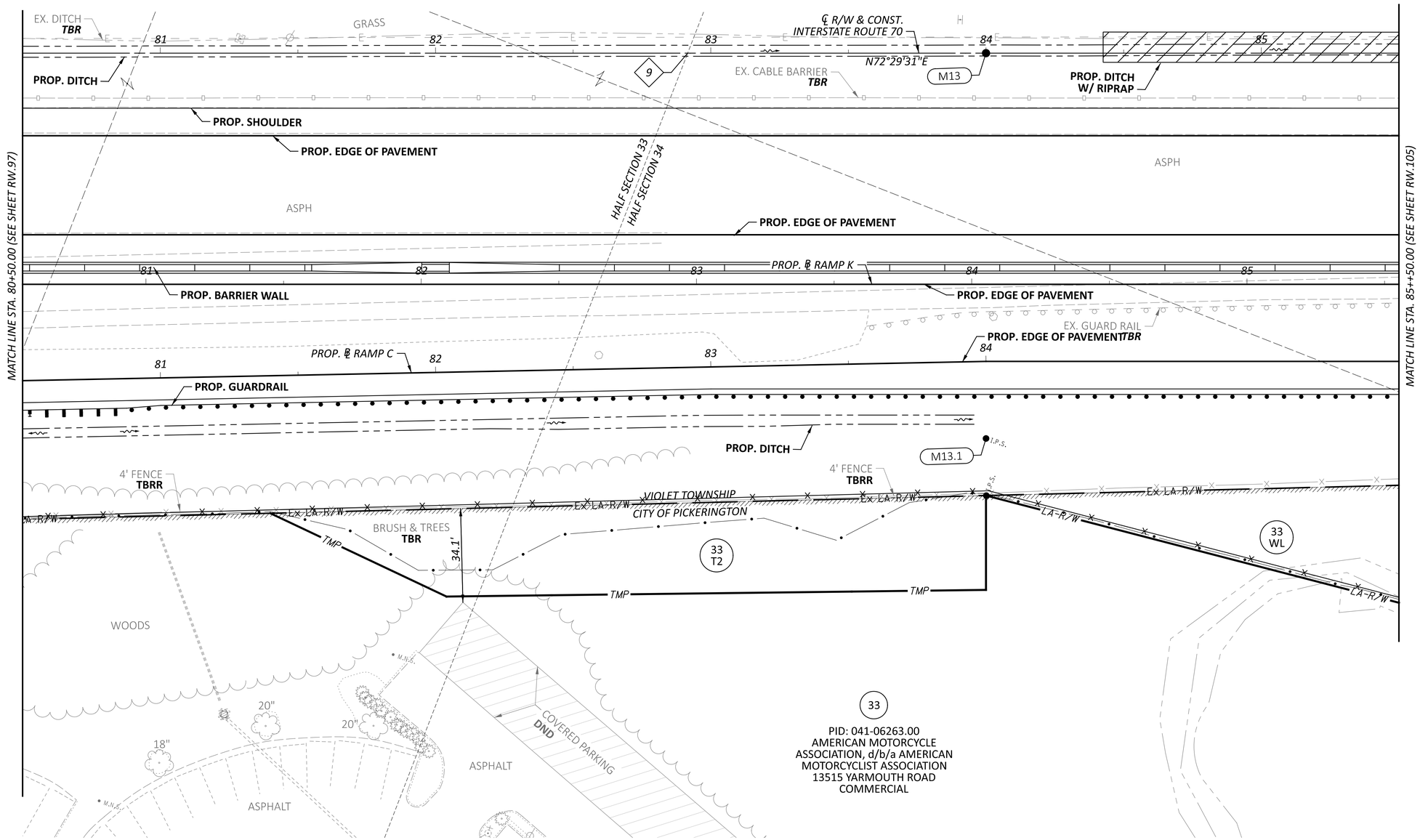
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTIONS 33 & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



33

PID: 041-06263.00
AMERICAN MOTORCYCLE ASSOCIATION, d/b/a AMERICAN MOTORCYCLIST ASSOCIATION
13515 YARMOUTH ROAD
COMMERCIAL

9 *STA. 82+91.61*

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.100 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT018 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:58:58 PM USER: mmayes
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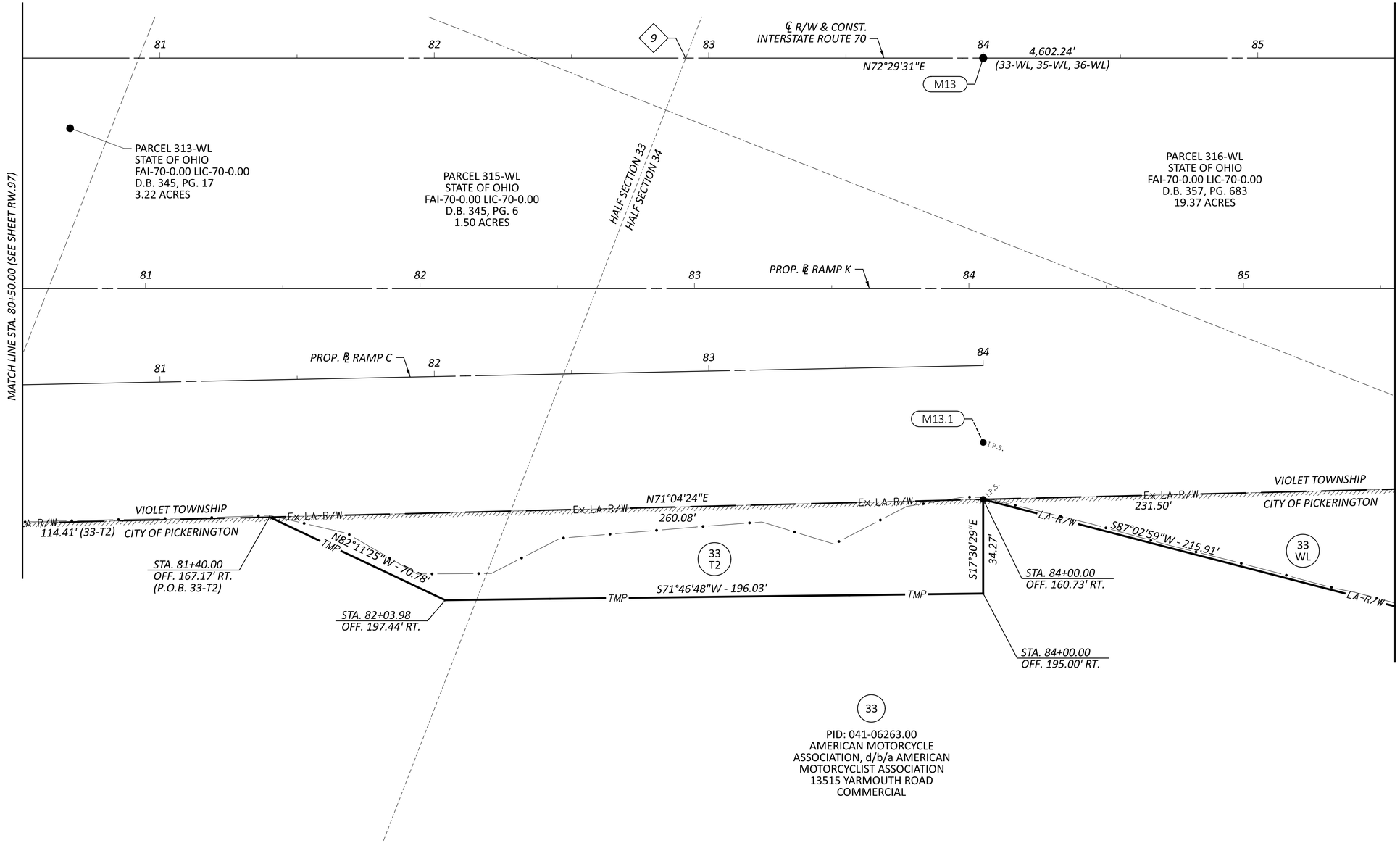
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTIONS 33 & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



9 STA. 82+91.61

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.101 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB018 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:59:20 PM USER: mmayes
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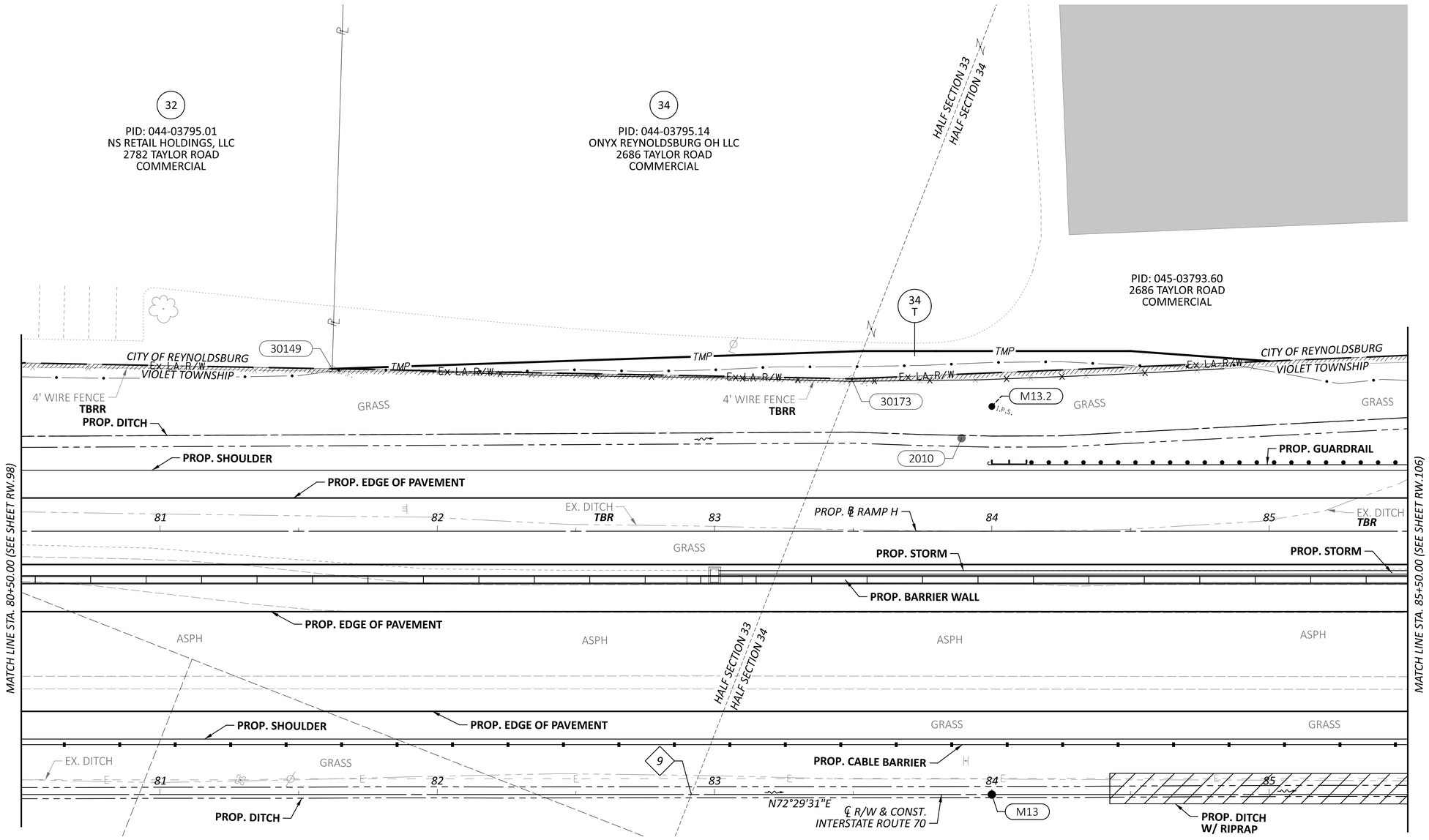
9 STA. 82+91.61

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 33 & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 80+50.00 TO STA 85+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.102 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT918 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 10:59:57 PM USER: mmayes
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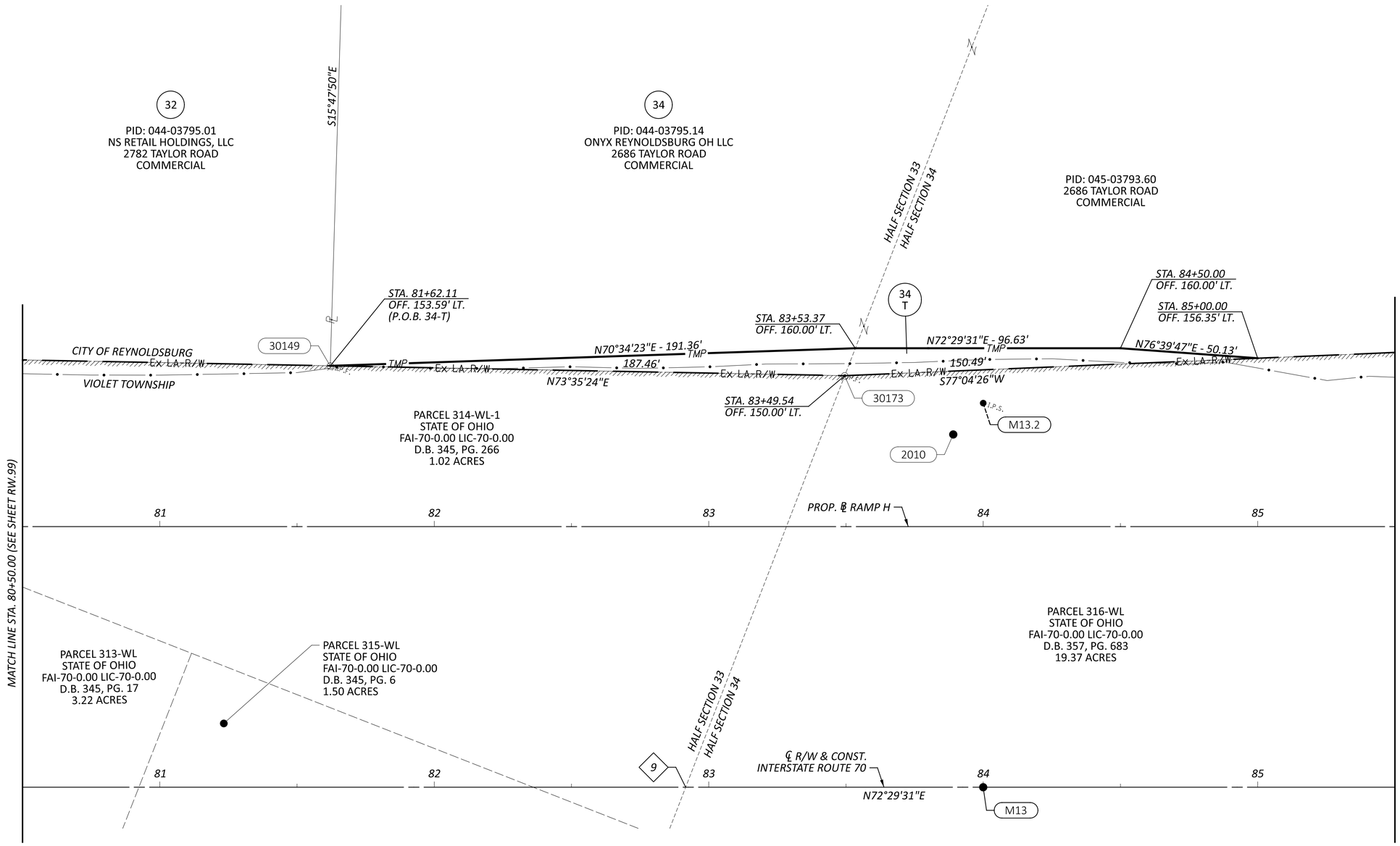
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 33 & 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



9 STA. 82+91.61

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 80+50.00 TO STA 85+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.103 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB918 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:00:20 PM USER: mmayes
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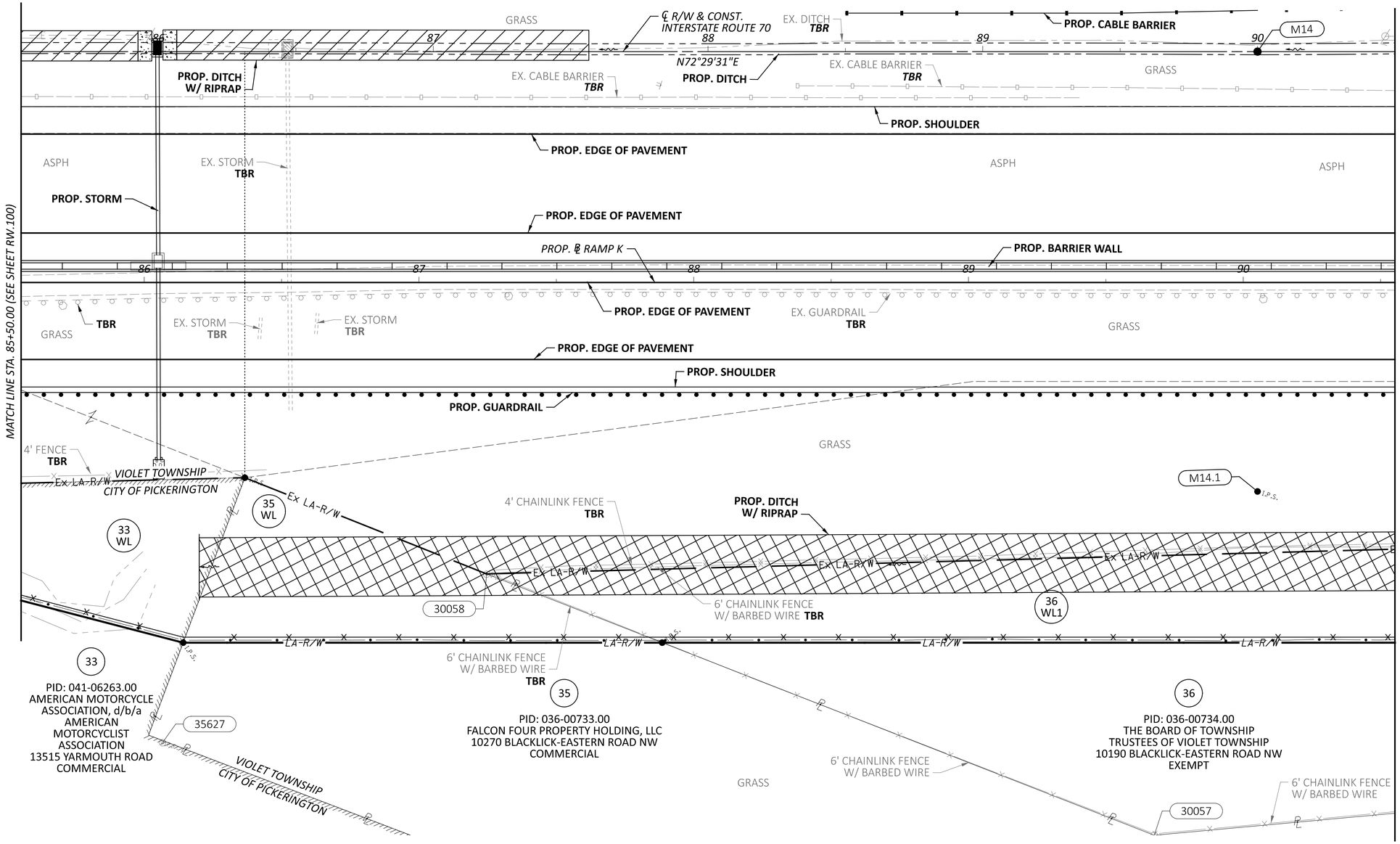
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 85+50.00 TO STA 90+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT019 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:00:56 PM USER: mmayes
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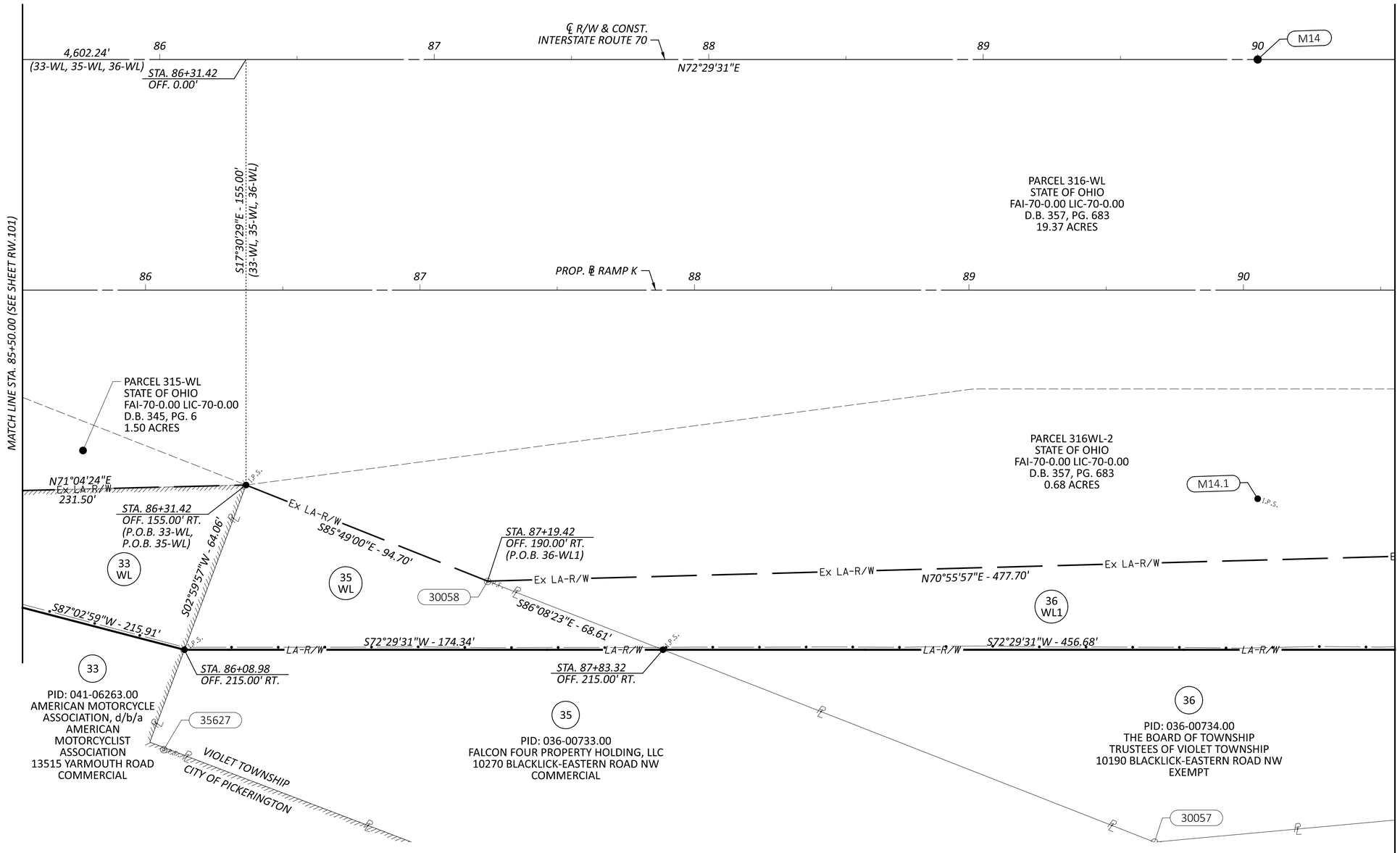
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: STRUCTUREPOINT
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.104 TOTAL: RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF PICKERINGTON
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 85+50.00 TO STA 90+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.105 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_R8019 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:01:18 PM USER: mmayes
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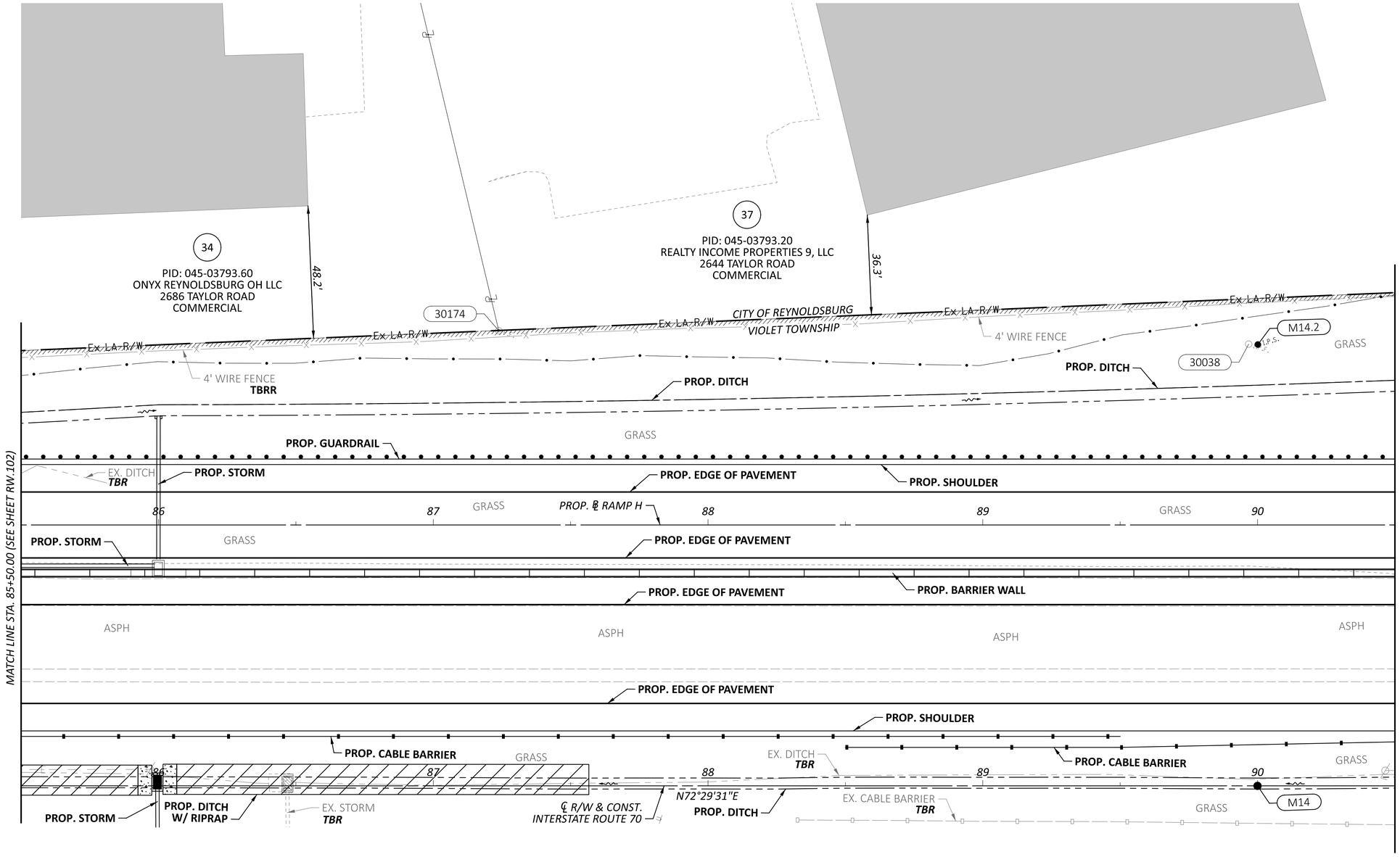
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 85+50.00 TO STA 90+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.106 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT919 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:01:55 PM USER: mmayes
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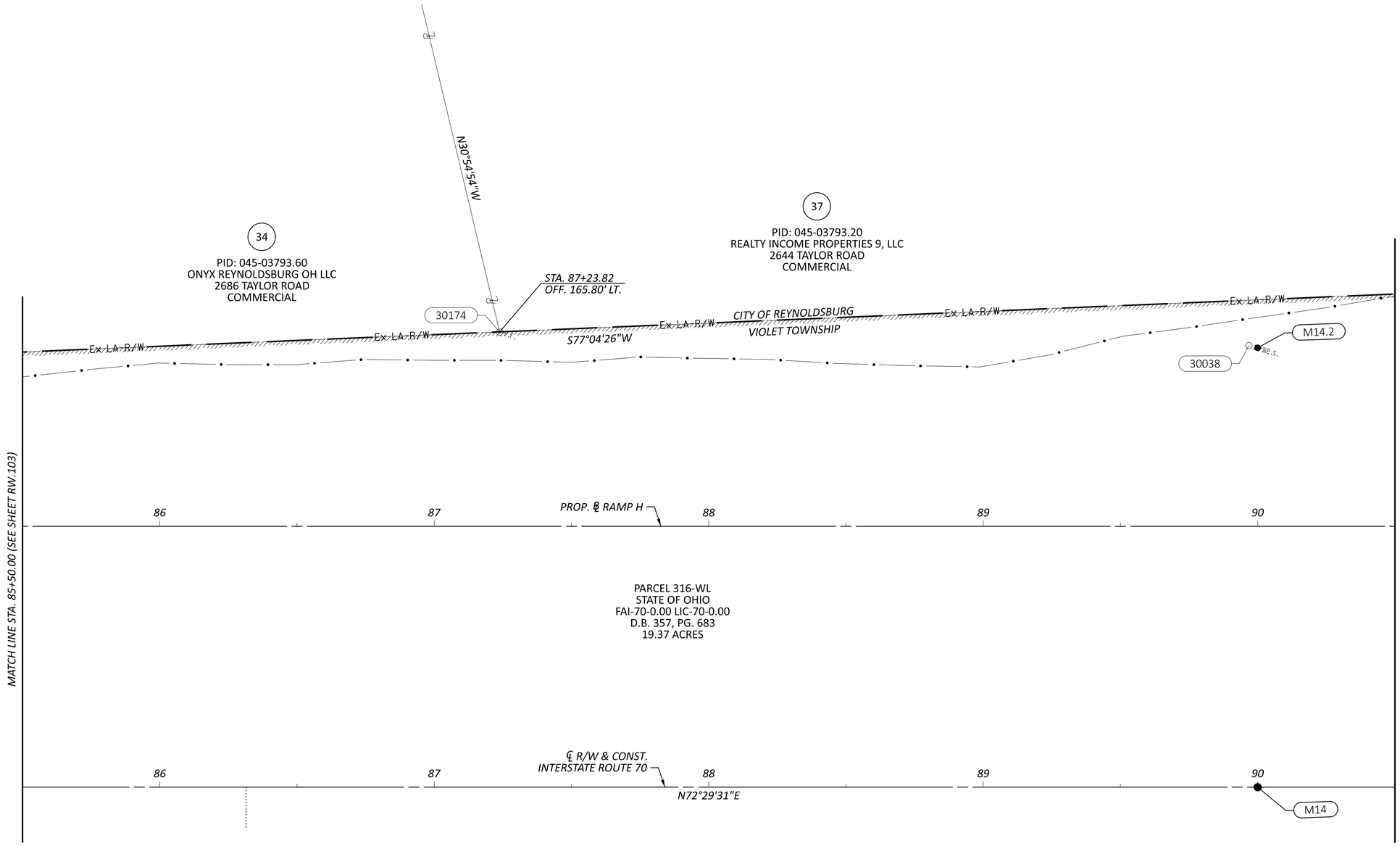
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 85+50.00 TO STA 90+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.107 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB919 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:02:17 PM USER: mmayes
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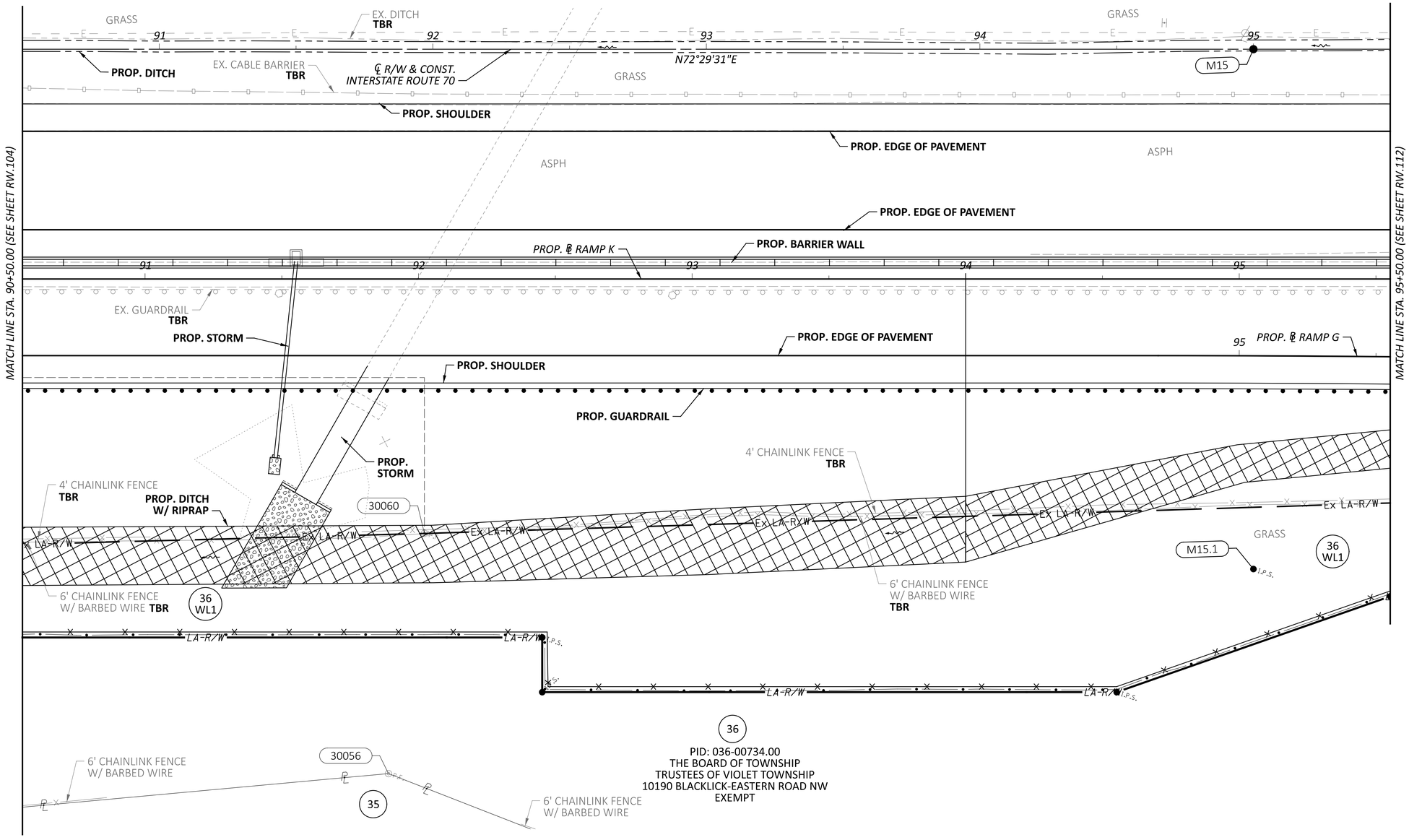
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 90+50.00 TO STA 95+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.108 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT020 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:02:53 PM USER: mmayes
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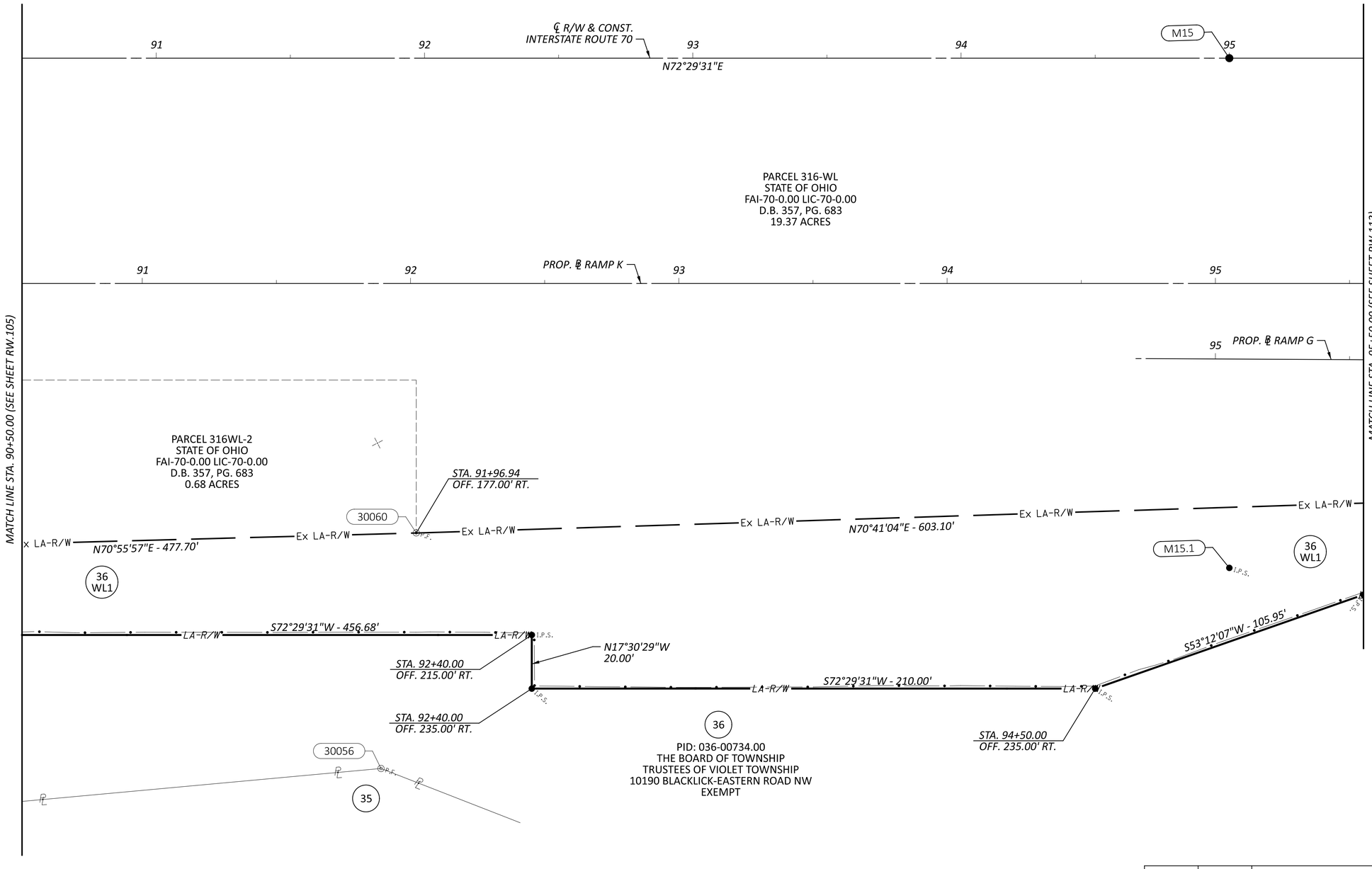
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 90+50.00 TO STA 95+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.109 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB020 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:03:15 PM USER: mmayes
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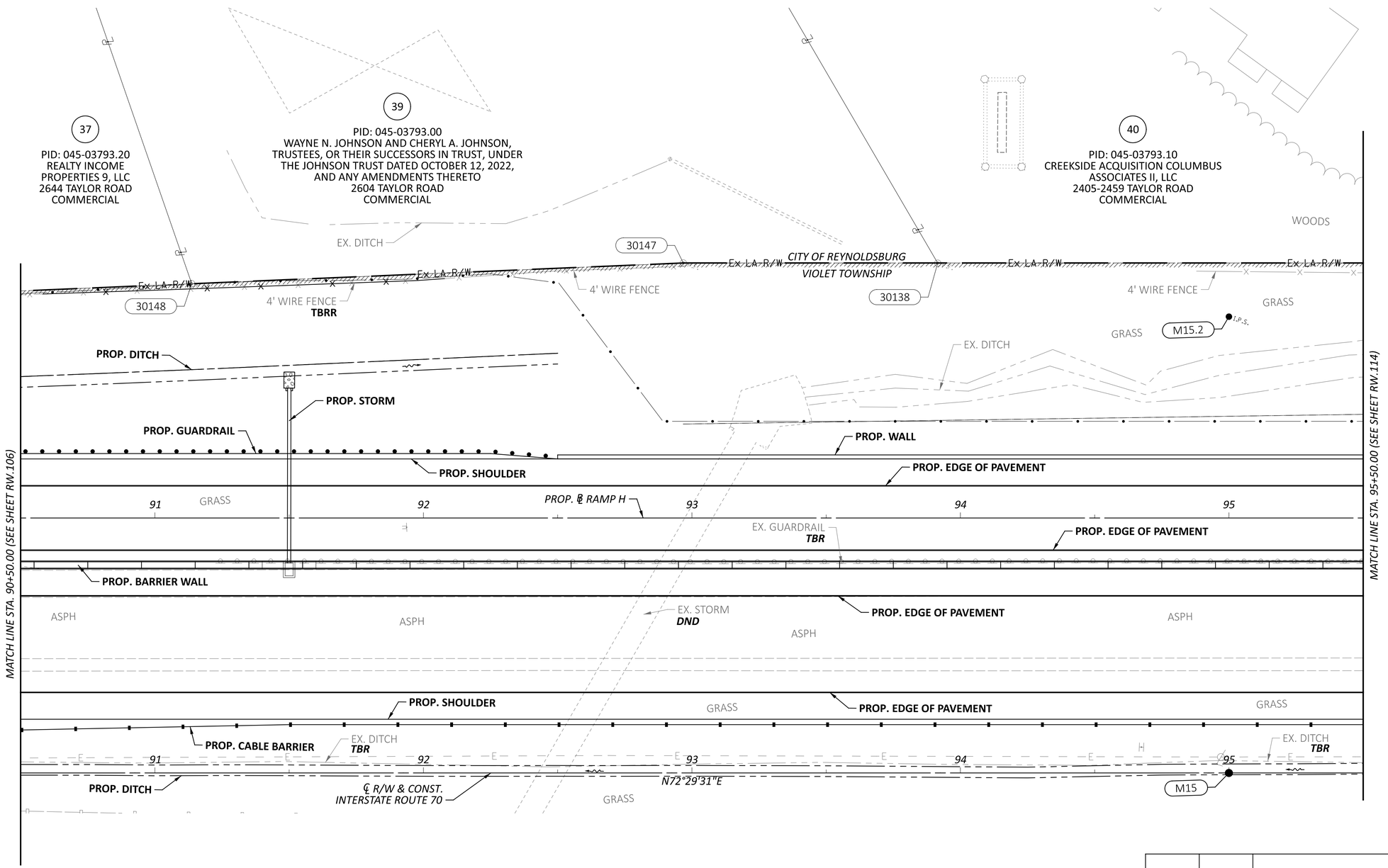
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 90+50.00 TO STA 95+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.110 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT920 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:03:51 PM USER: mmayes
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FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

37
PID: 045-03793.20
REALTY INCOME PROPERTIES 9, LLC
2644 TAYLOR ROAD
COMMERCIAL

39
PID: 045-03793.00
WAYNE N. JOHNSON AND CHERYL A. JOHNSON, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE JOHNSON TRUST DATED OCTOBER 12, 2022, AND ANY AMENDMENTS THERETO
2604 TAYLOR ROAD
COMMERCIAL

40
PID: 045-03793.10
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
2405-2459 TAYLOR ROAD
COMMERCIAL

℄

STA. 91+13.72
OFF. 182.27' LT.

STA. 93+91.52
OFF. 190.00' LT.

30148

Ex. L.A. R/W

S77°04'26"W

30147

STA. 92+96.79
OFF. 190.00' LT.

CITY OF REYNOLDSBURG
VIOLET TOWNSHIP

Ex. L.A. R/W

30138

Ex. L.A. R/W

N72°29'31"E

Ex. L.A. R/W

PARCEL 316-WL-1
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
1.03 ACRES

M15.2 I.P.S.

MATCH LINE STA. 90+50.00 (SEE SHEET RW.107)

MATCH LINE STA. 95+50.00 (SEE SHEET RW.115)

91 92 *PROP. ℄ RAMP H* 93 94 95

PARCEL 316-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
19.37 ACRES

91 92 *℄ R/W & CONST. INTERSTATE ROUTE 70* 93 94 95

N72°29'31"E

M15

10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB STA 90+50.00 TO STA 95+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.111 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB920 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:04:14 PM USER: mmayes
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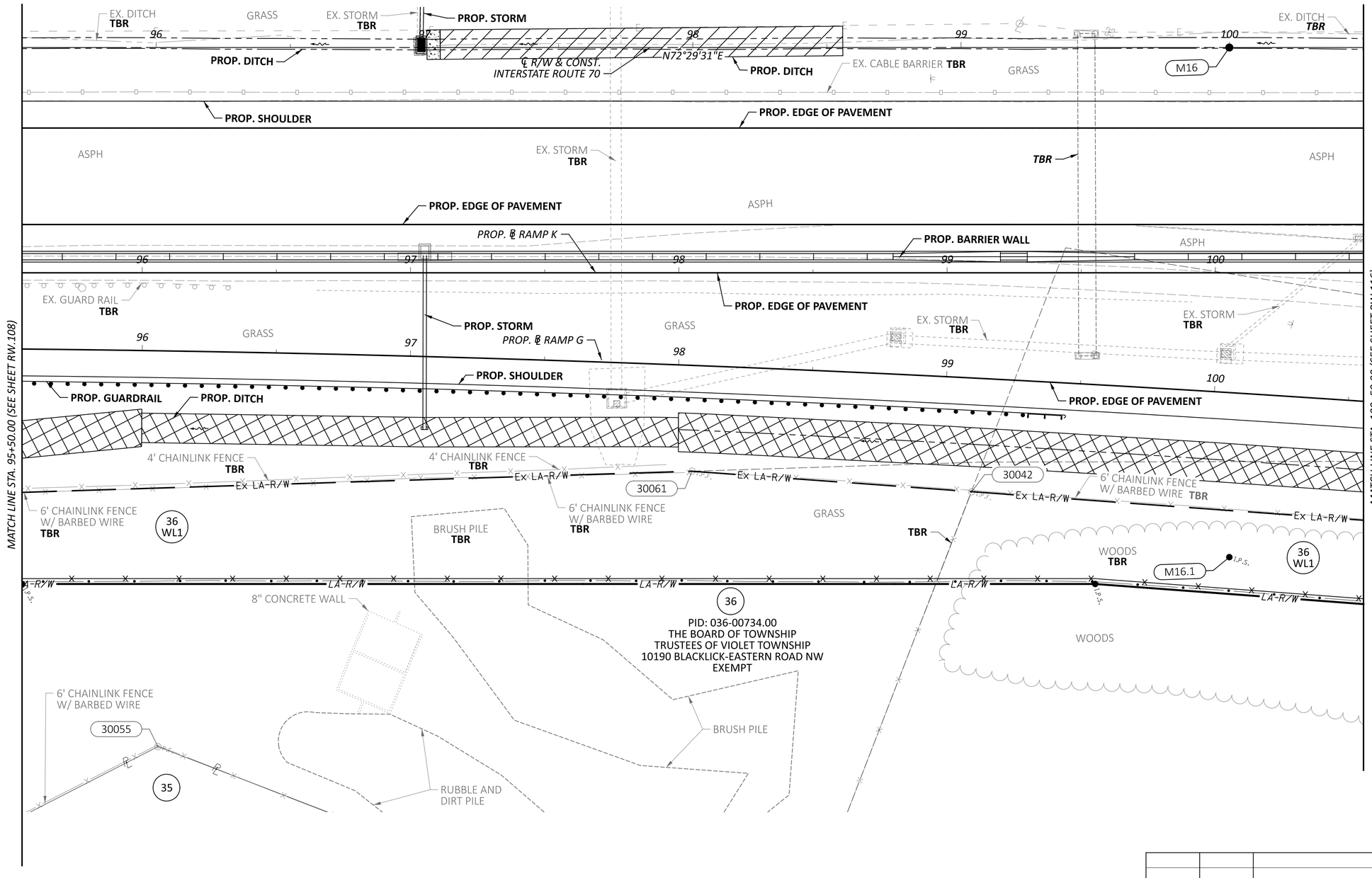
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 95+50.00 TO STA 100+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.112 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT021 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:04:51 PM USER: mmayes
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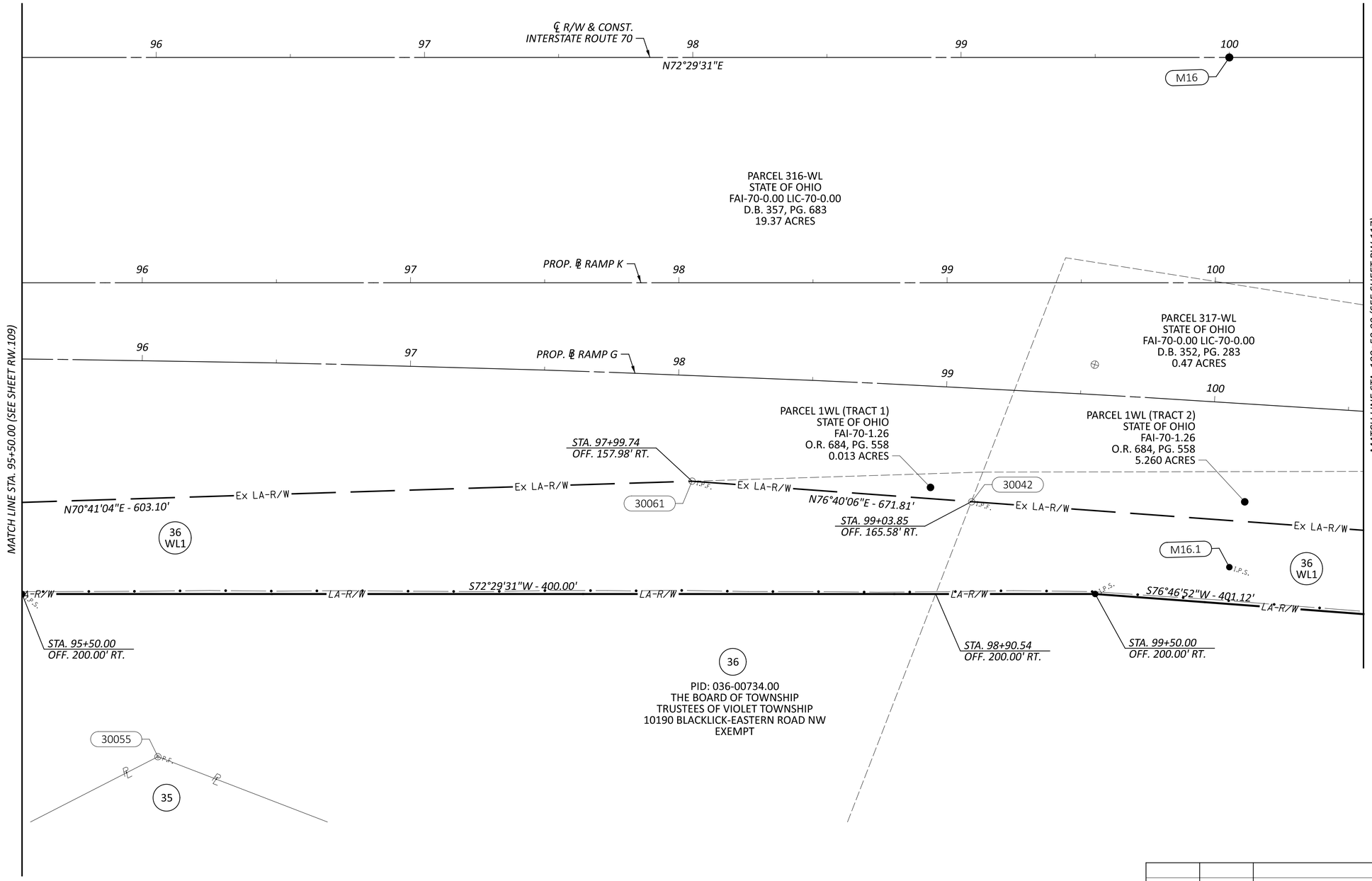
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 95+50.00 TO STA 100+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.113 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB021 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:05:14 PM USER: mmayes
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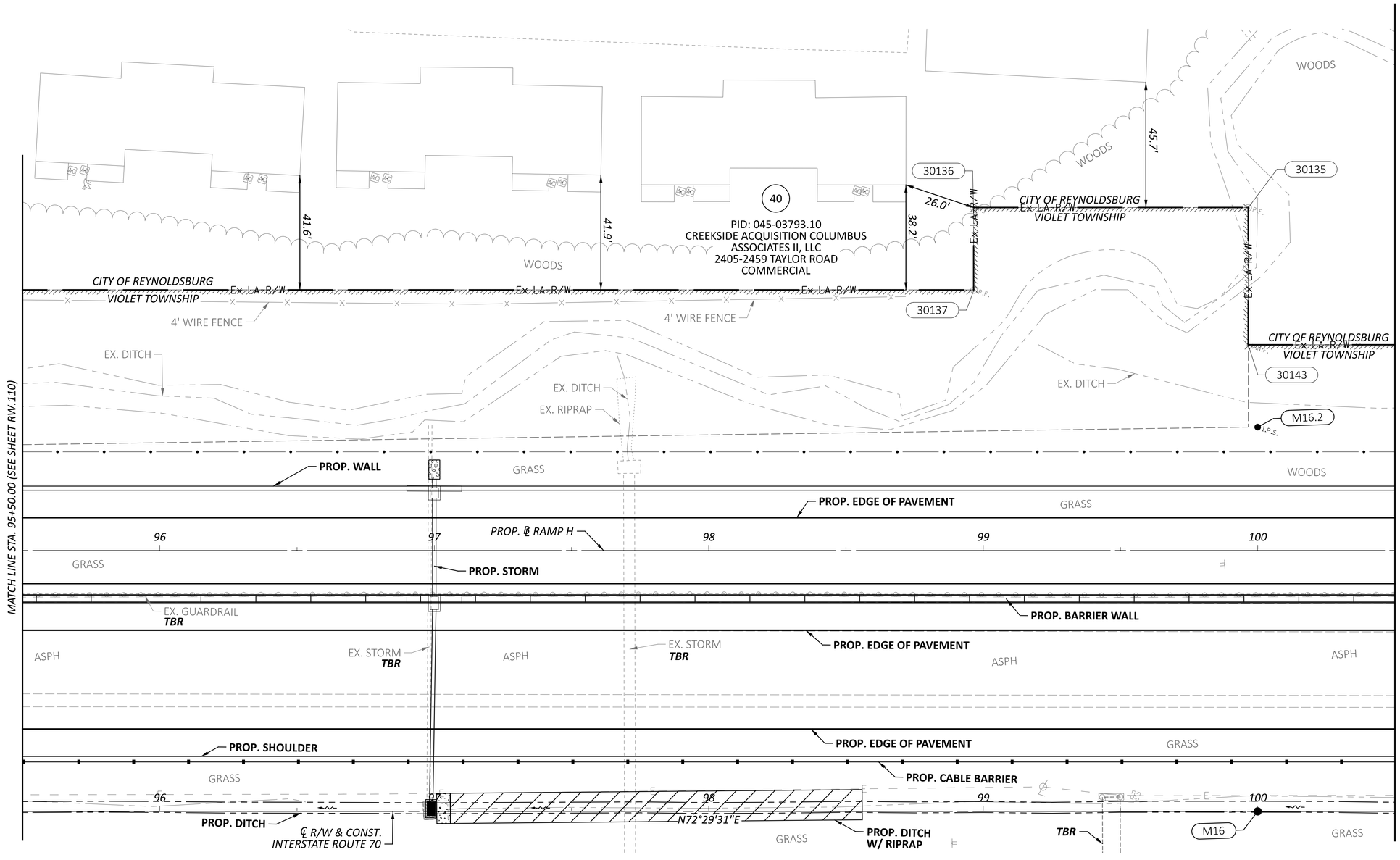
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 95+50.00 TO STA 100+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.114 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT921 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:05:50 PM USER: mmayes
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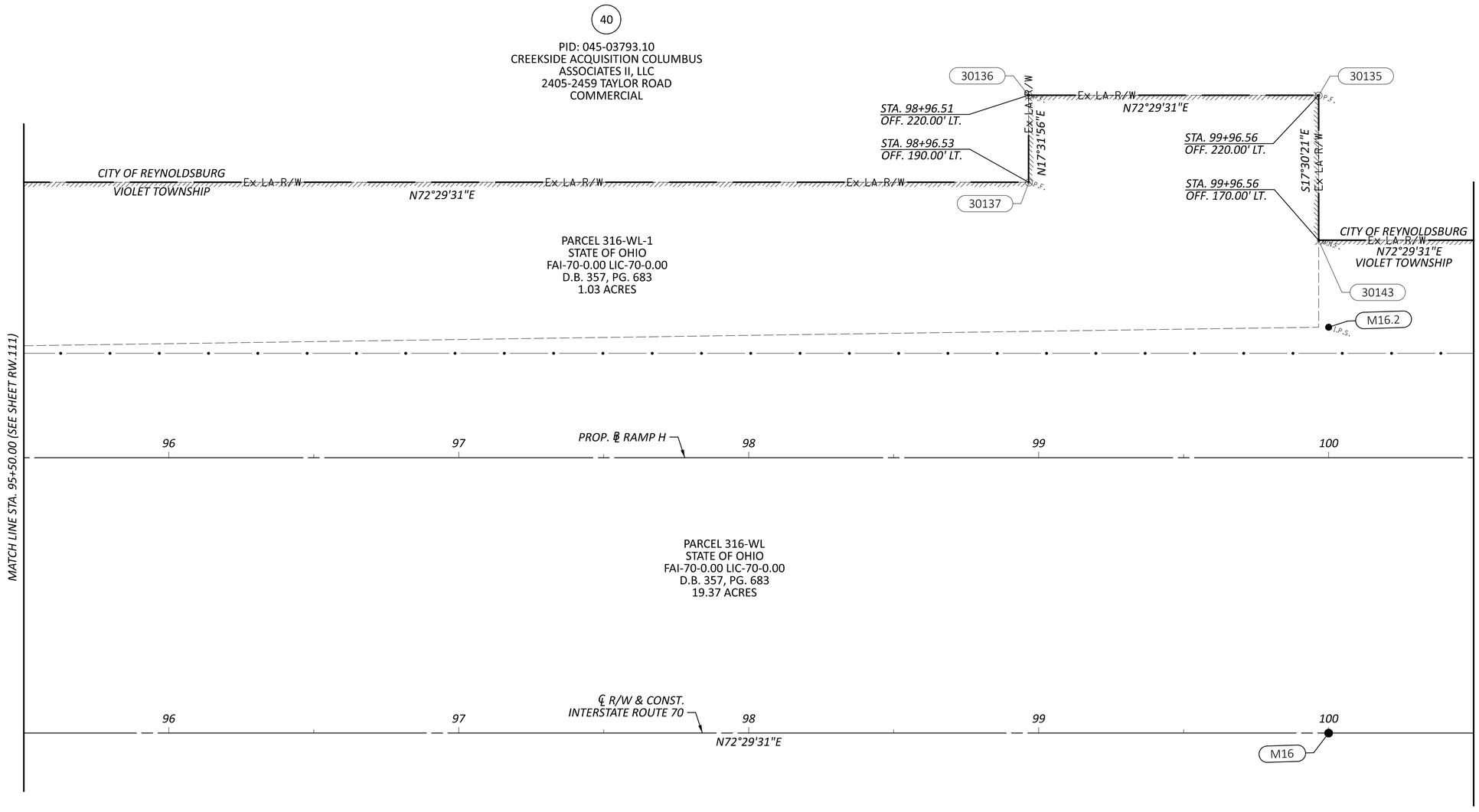
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 95+50.00 TO STA 100+50.00

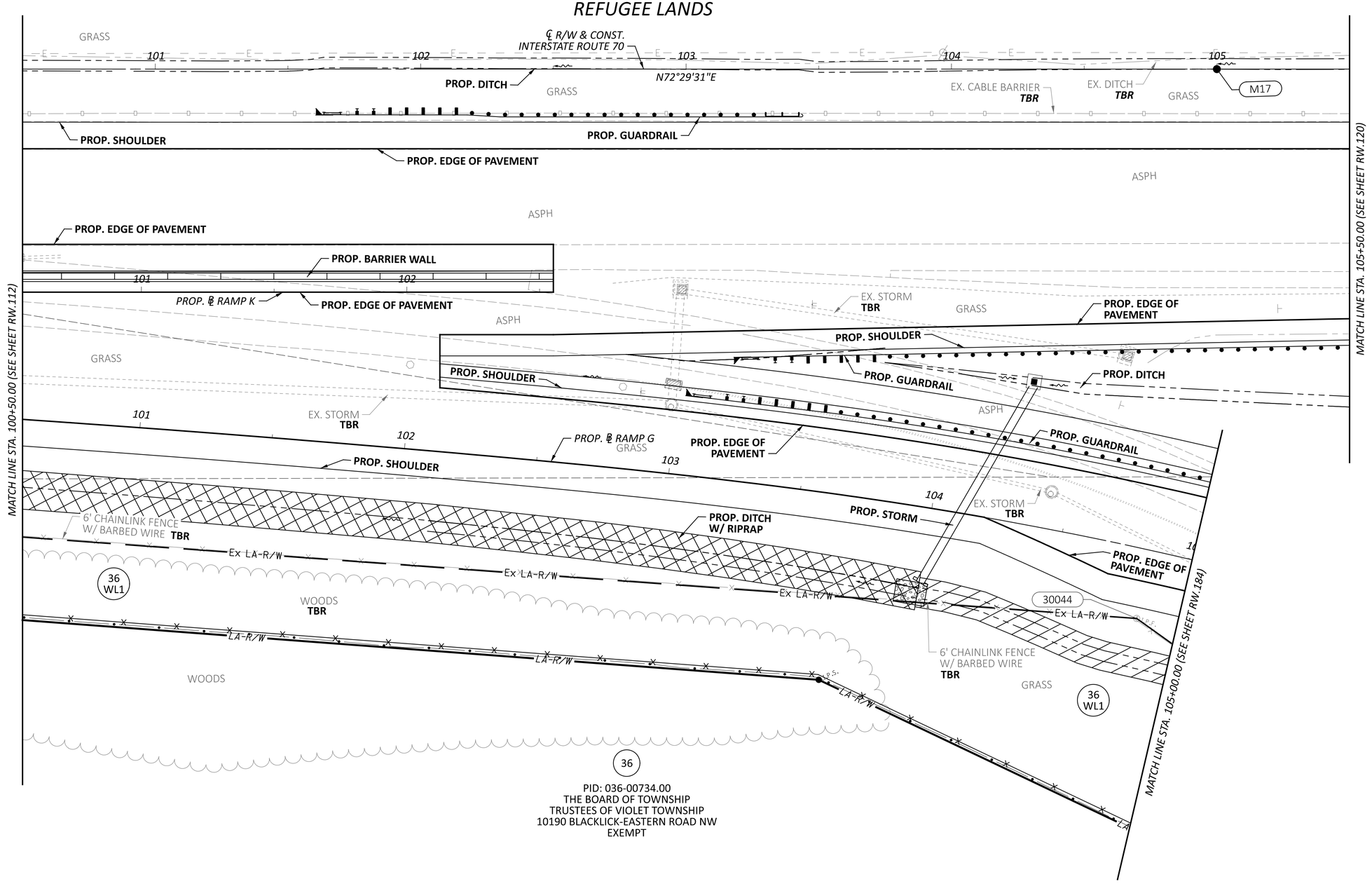
DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.115 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB921 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:06:15 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\i401-Engineering_StructurePoint\RW\Sheets\96808_RB921.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.116 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT022 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:06:52 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT022.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W & CONST.
INTERSTATE ROUTE 70

101 102 103 104 105

N72°29'31"E

N72°29'31"E - 200.00'
(40-WL)

STA. 105+00.00
OFF. 0.00'
(P.O.C. 40-WL)

M17

PARCEL 316-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
19.37 ACRES

MATCH LINE STA. 100+50.00 (SEE SHEET RW.113)

MATCH LINE STA. 105+50.00 (SEE SHEET RW.121)

101 PROP. ℄ RAMP K 102

PARCEL 317-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 352, PG. 283
0.47 ACRES

101 102 PROP. ℄ RAMP G 103 104

PARCEL 1WL (TRACT 2)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
5.260 ACRES

Ex LA-R/W

N76°40'06"E - 671.81'

Ex LA-R/W

Ex LA-R/W

Ex LA-R/W

36
WL1

30044

P.O.T.

STA. 104+69.77
OFF. 206.90' RT.

S72°02'31"E
183.01'

36
WL1

LA-R/W

S76°46'52"W - 401.12'

LA-R/W

LA-R/W

STA. 103+50.00
OFF. 230.00' RT.

N82°03'49"W - 354.37'

LA

MATCH LINE STA. 105+00.00 (SEE SHEET RW.185)

36

PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.117 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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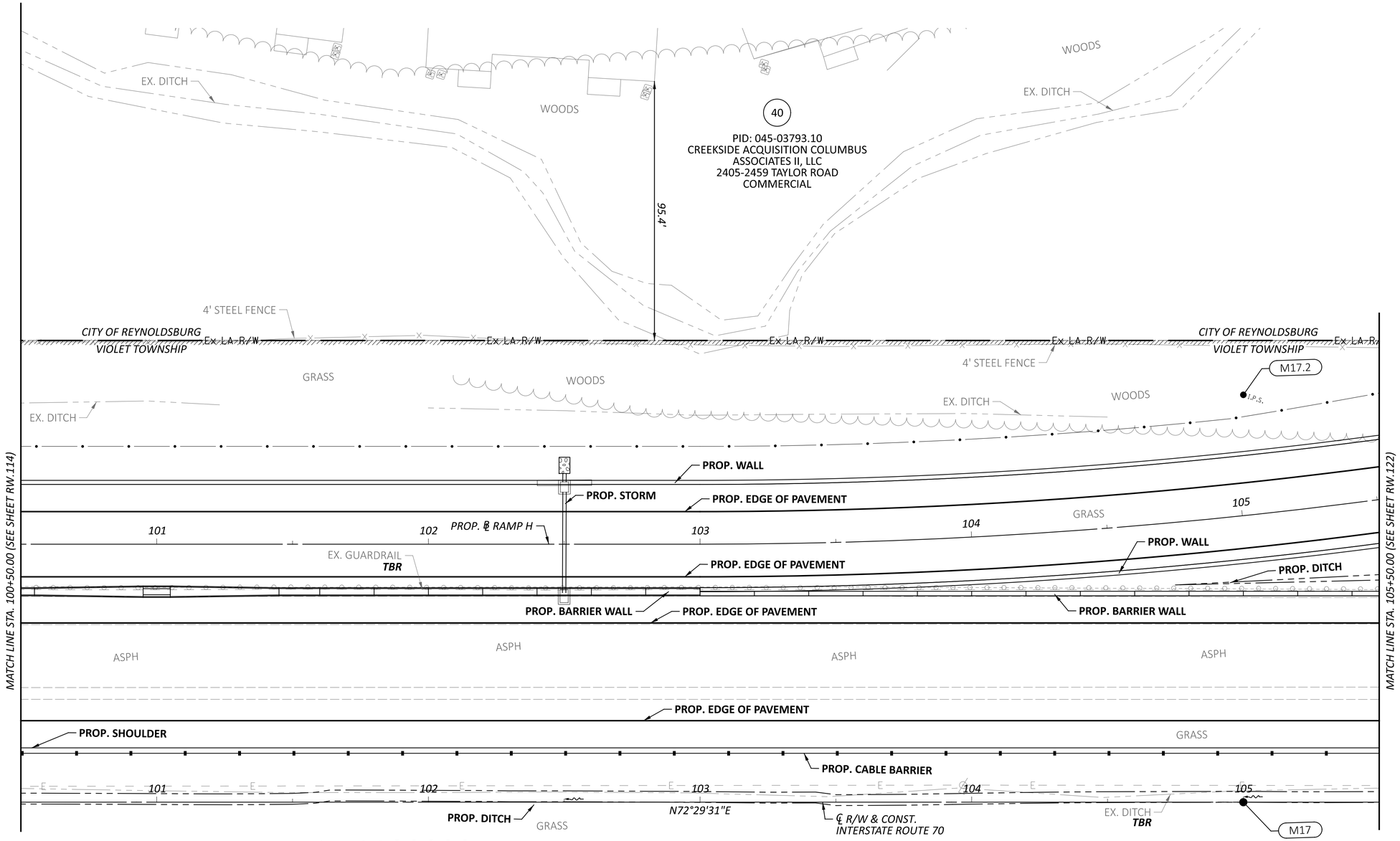
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 100+50.00 TO STA 105+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 05/23/25

PROJECT ID: 96808

SHEET: RW.118 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT922 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:07:52 PM USER: mmayes
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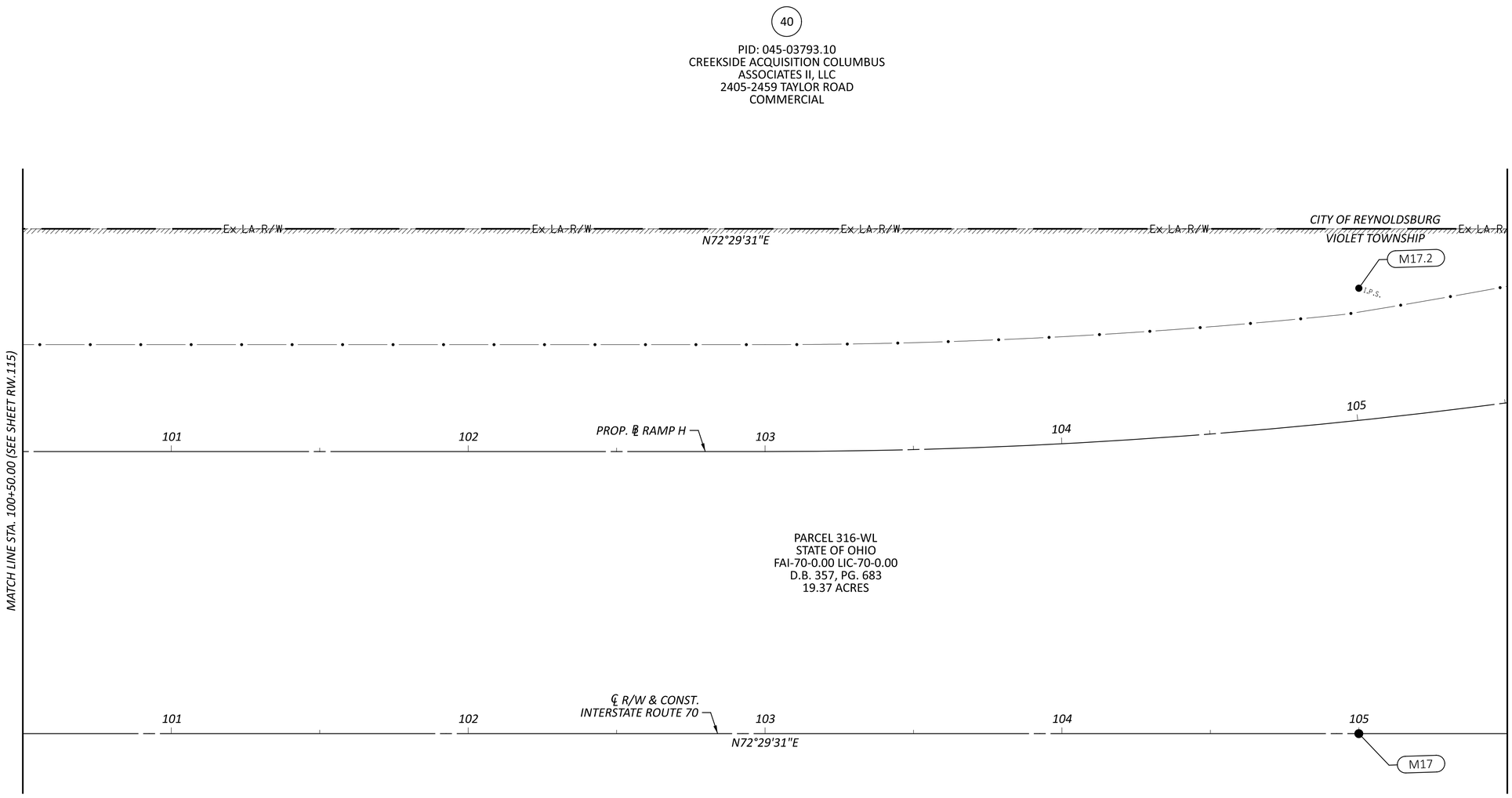
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 100+50.00 TO STA 105+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.119 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB922 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:08:15 PM USER: mmayes
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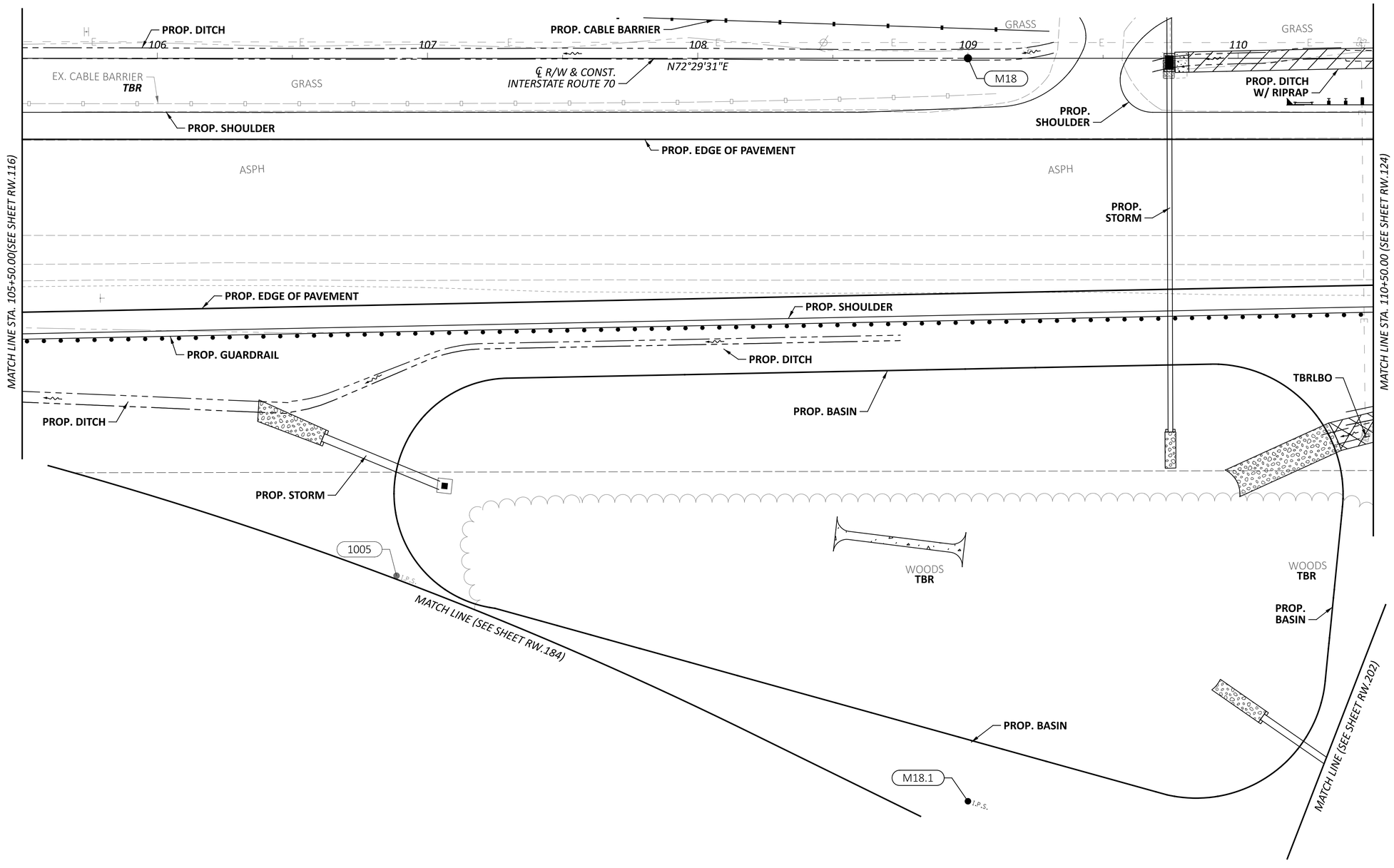
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 105+50.00 TO STA 110+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT023 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:08:52 PM USER: mmayes
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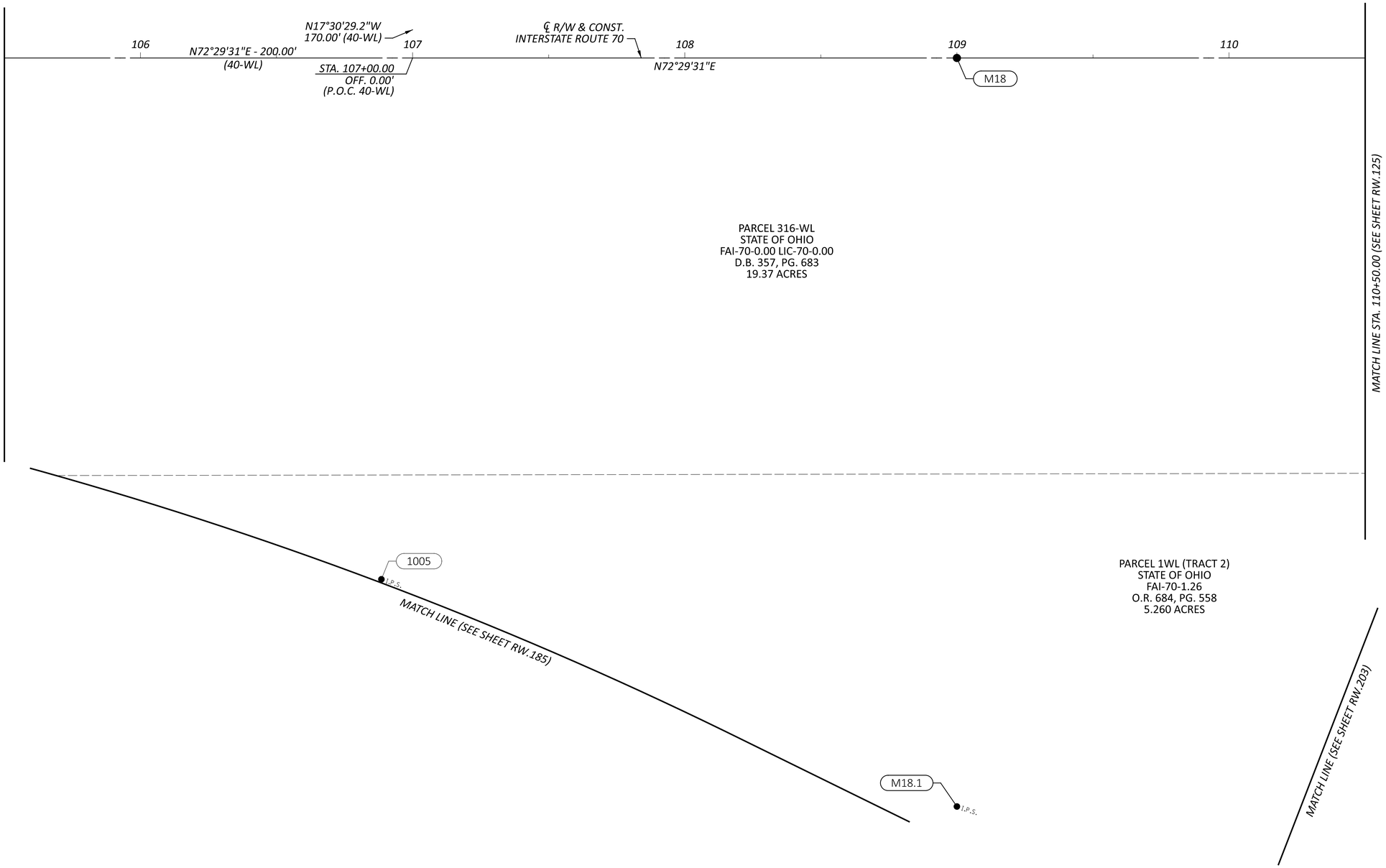
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.120 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 105+50.00 TO STA 110+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.121 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB023 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:09:15 PM USER: mmayes
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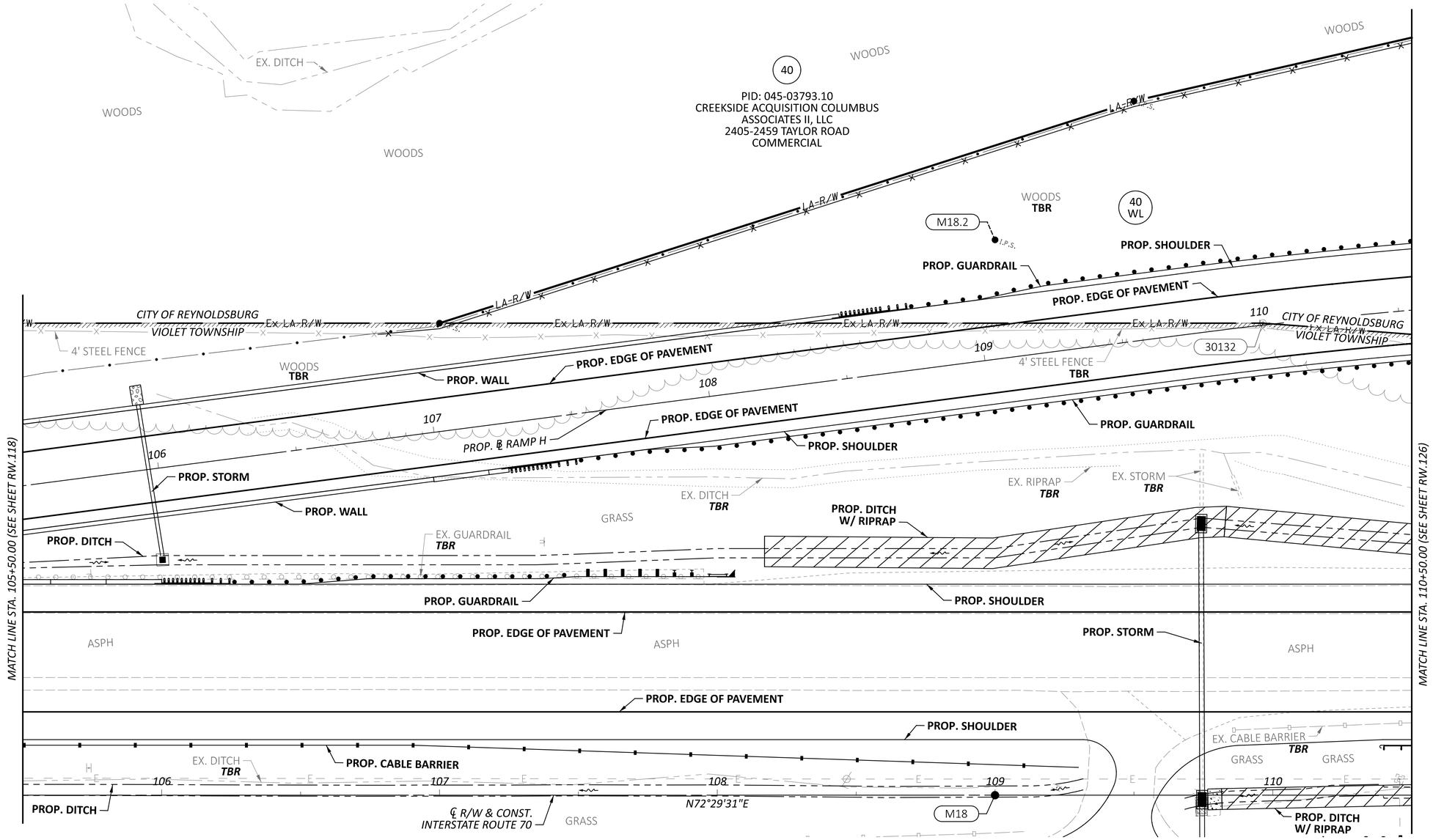
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 105+50.00 TO STA 110+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.122 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT923 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:09:52 PM USER: mmayes
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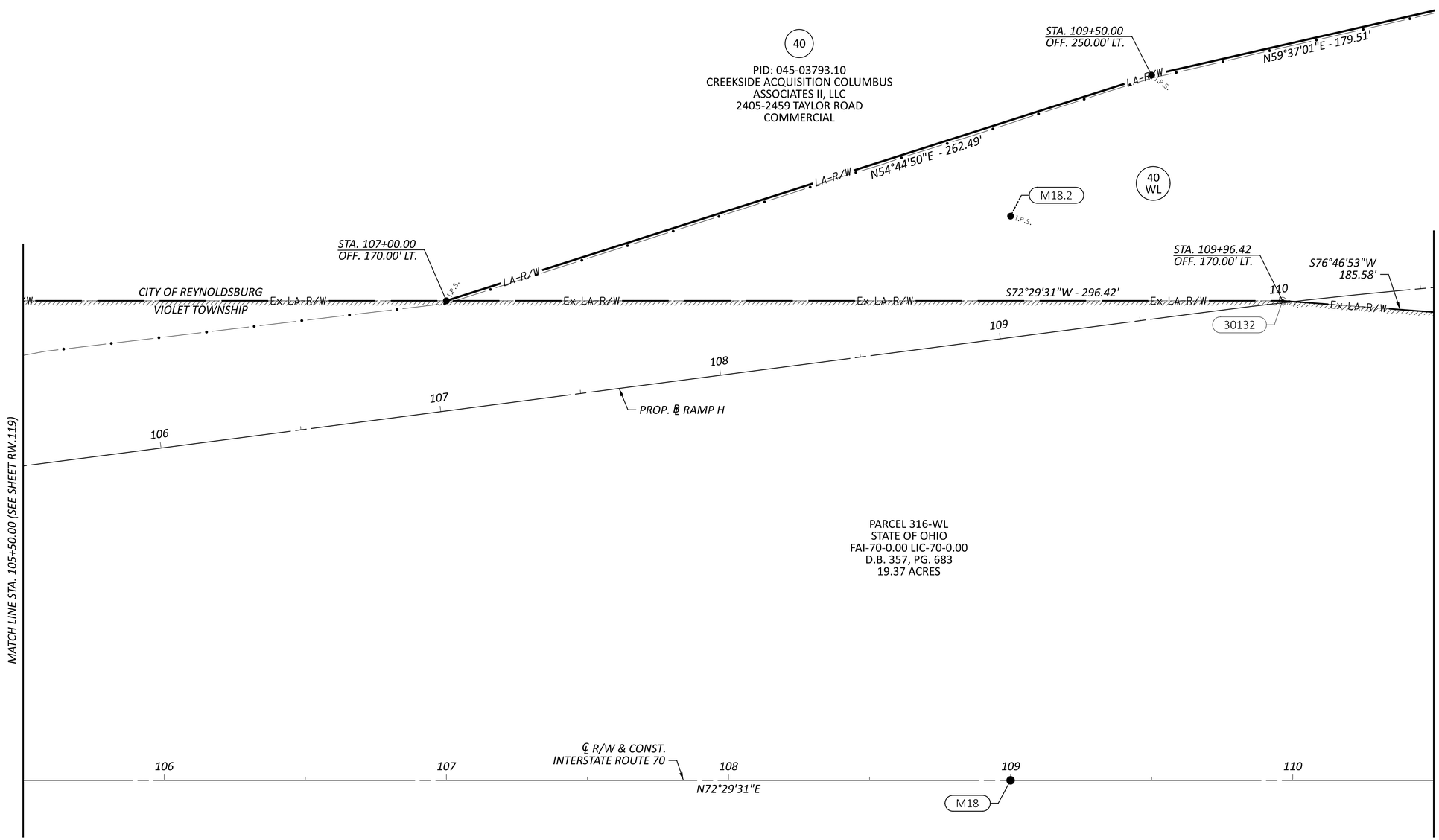
FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a.
AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 105+50.00 TO STA 110+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.123 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB923 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:10:15 PM USER: mmayes
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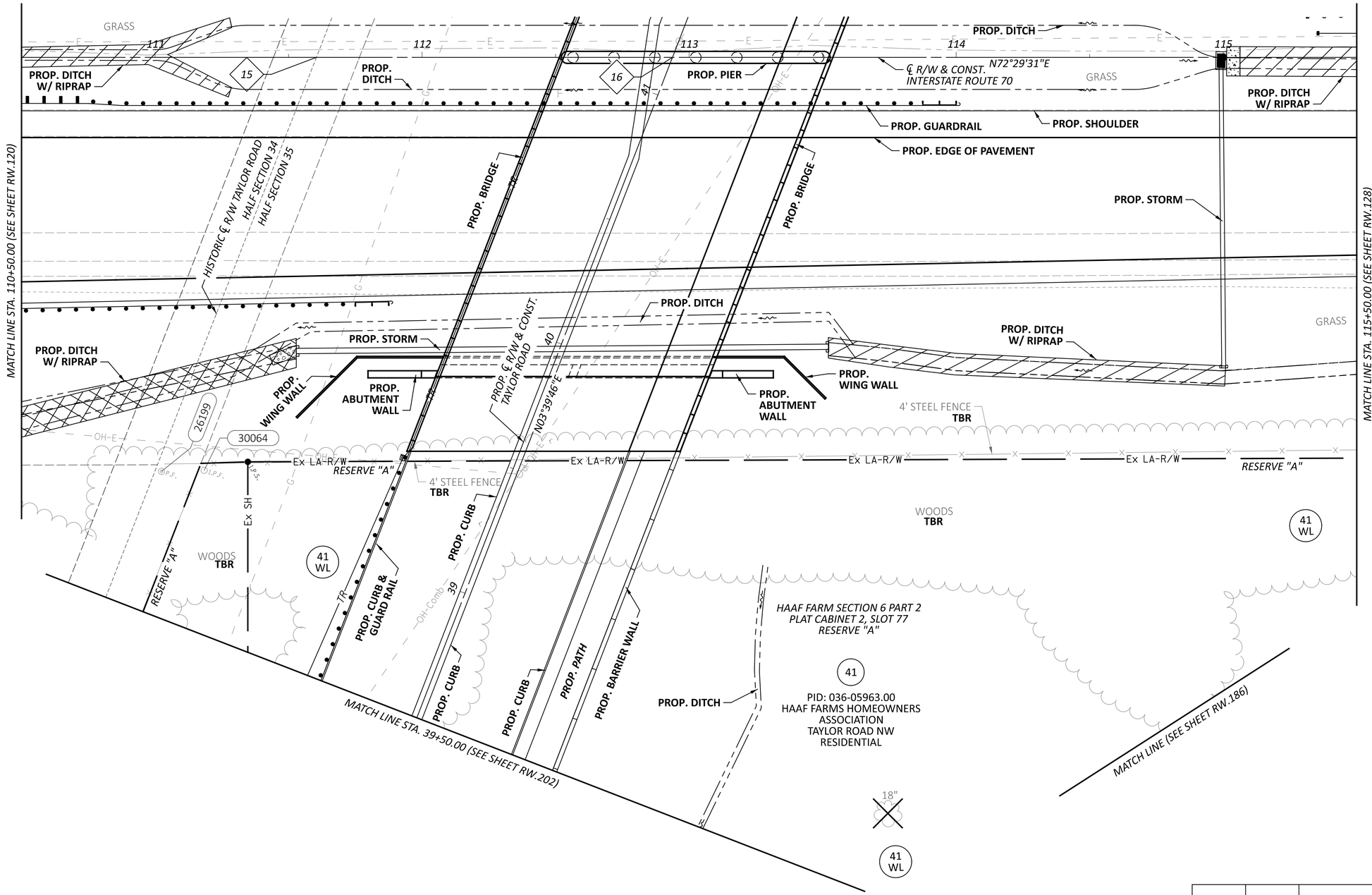
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 110+50.00 TO STA 115+50.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.124 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT024 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:10:52 PM USER: mmayes
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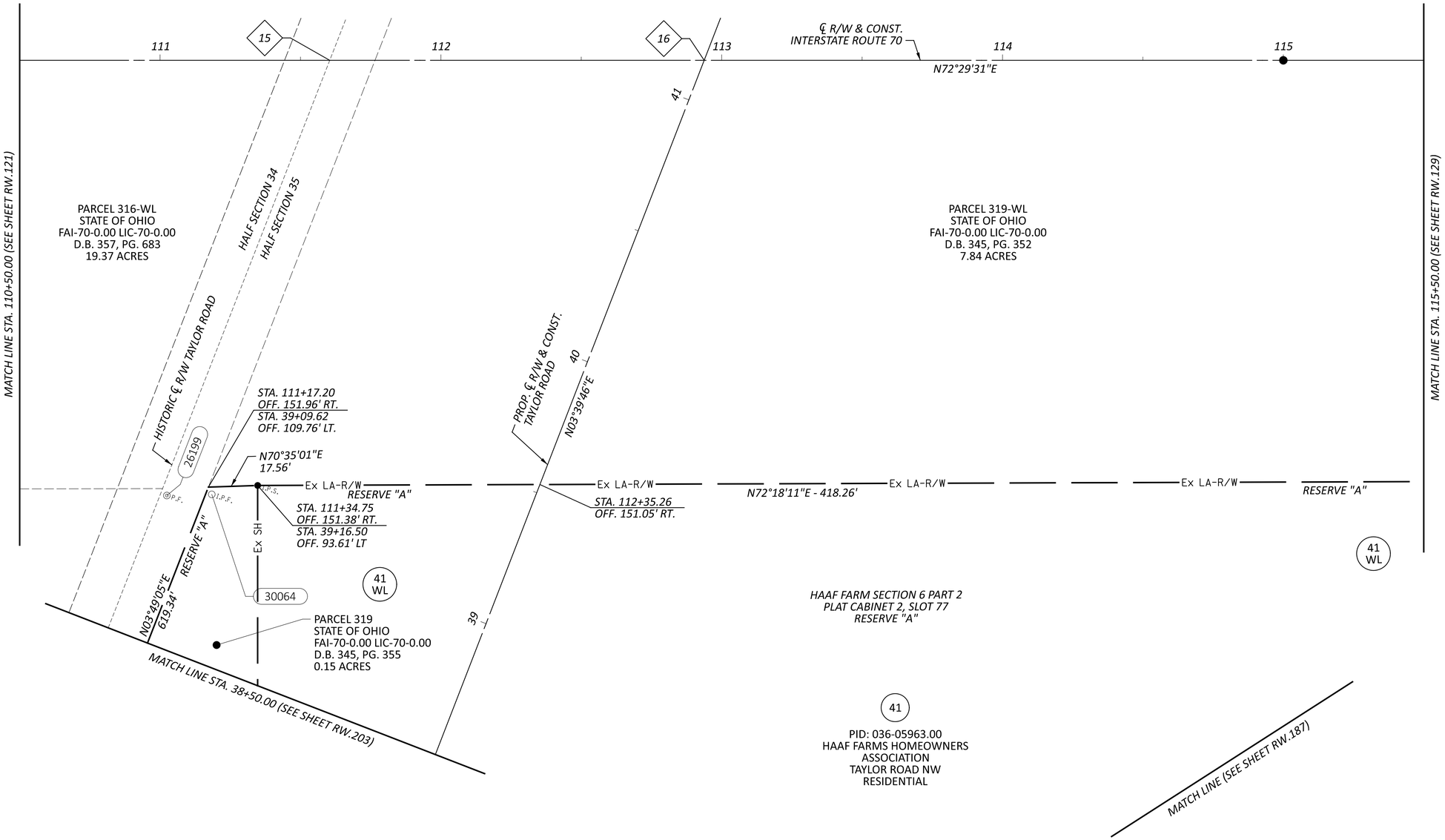
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 110+50.00 TO STA 115+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.125 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB024 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:11:15 PM USER: mmayes
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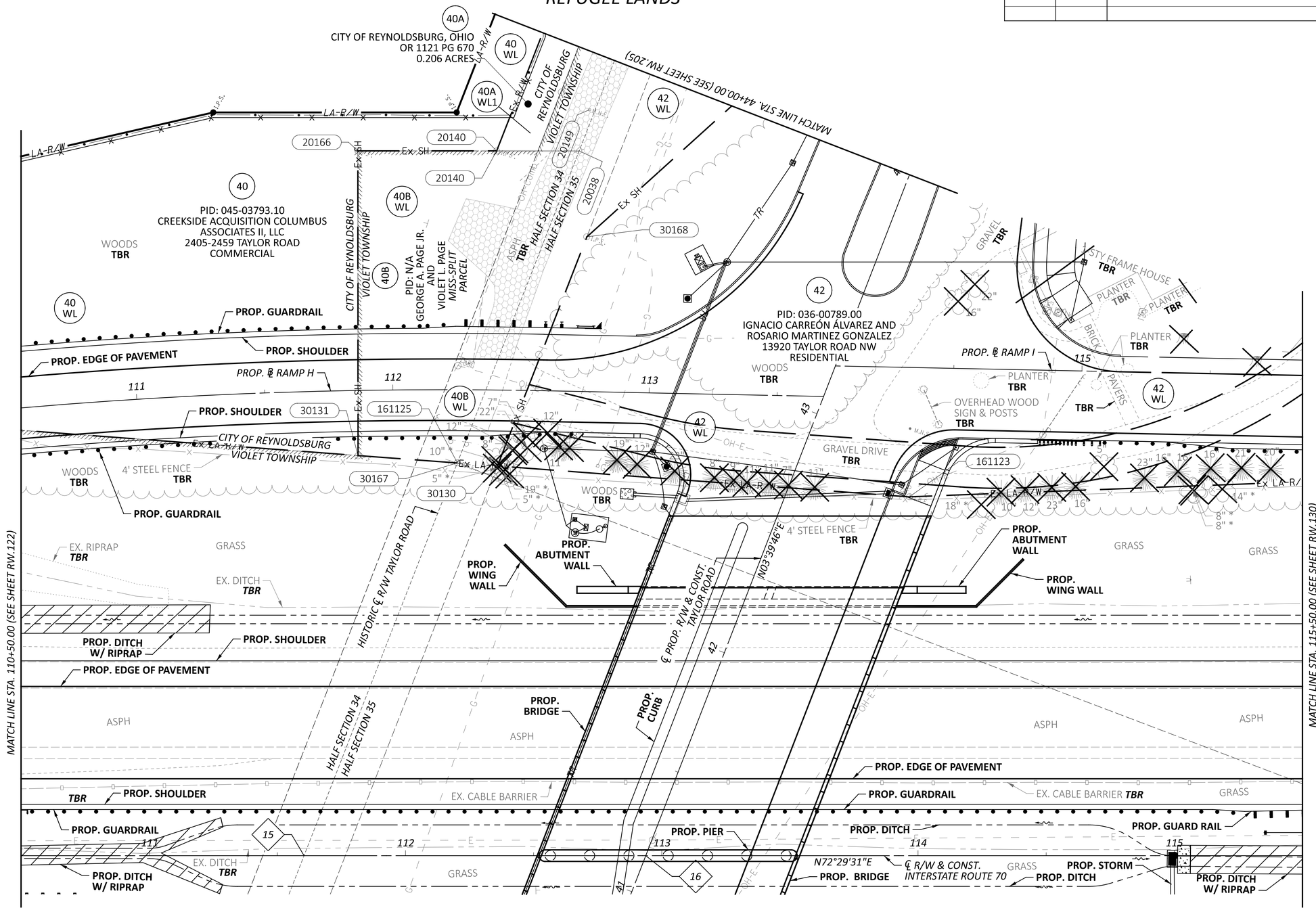
15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) =
STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40



FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT924 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:57:28 PM USER: jyoumans
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RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 110+50.00 TO STA 115+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.126
TOTAL	RW.220

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 1111, PG. 2369
O.R. 1125, PG. 364
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

5' TELECOM EASEMENT
OHIO BELL TELEPHONE COMPANY a.k.a. AMERITECH OHIO INC.
O.R. 1108, PG. 115
(5' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

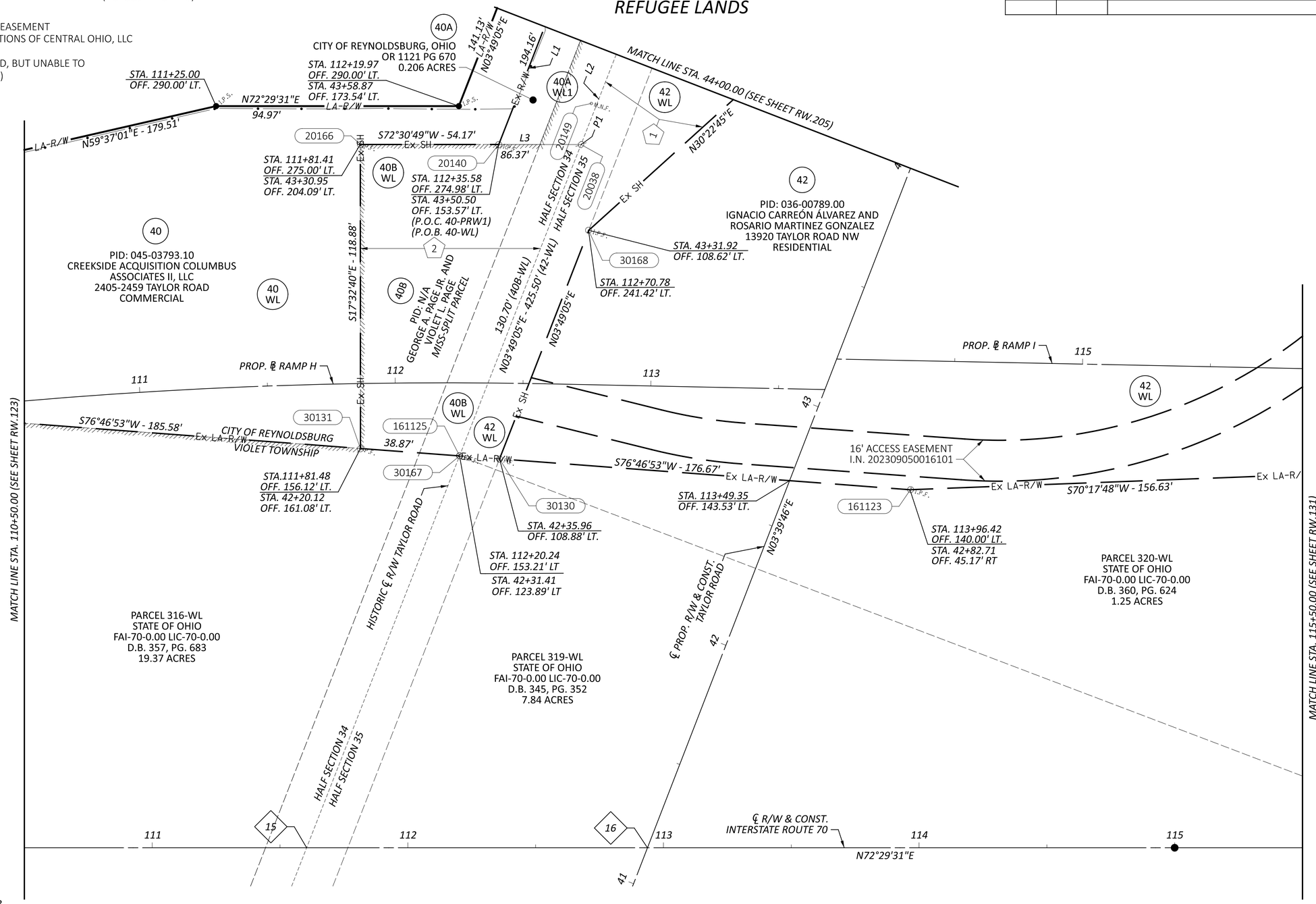
10' GAS PIPELINE EASEMENT
OHIO ENERGY CONSUMER COOPERATIVE, INC.
O.R. 693, PG. 692
(10' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

15' CABLE TELEVISION EASEMENT
INSIGHT COMMUNICATIONS OF CENTRAL OHIO, LLC
O.R. 1545, PG. 1546
(15' WIDE AS INSTALLED, BUT UNABLE TO DETERMINE LOCATION)
(ACROSS PARCEL 40)

FAIRFIELD COUNTY, VIOLET TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40



15 STA. 111+60.43

16 STA. 112+93.76 (℄ R/W I.R. 70) = STA. 41+15.09 (PROP. ℄ R/W TAYLOR ROAD)

1 FAIRFIELD COUNTY, OHIO
OR 1618 PG 3840
OR 1618 PG 1310
0.338 ACRES

2 STANDARD HIGHWAY EASE.
PARCEL NO. 316
BOARD OF COUNTY COMMISSIONERS OF FAIRFIELD COUNTY, OHIO
D.B. 476. PG. 467
0.173 ACRES

L1 - N03°49'05"E - 254.04' (40A-WL1)

L2 - S03°49'05"W - 294.80'

L3 - S72°30'49"W - 32.20'

STA 43+62.11 OFF 123.53' LT
P1: STA 112+67.78 OFF 274.97' LT
(P.O.B. 40B-WL)

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 110+50.00 TO STA 115+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.127 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB924 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:12:21 PM USER: mmayes
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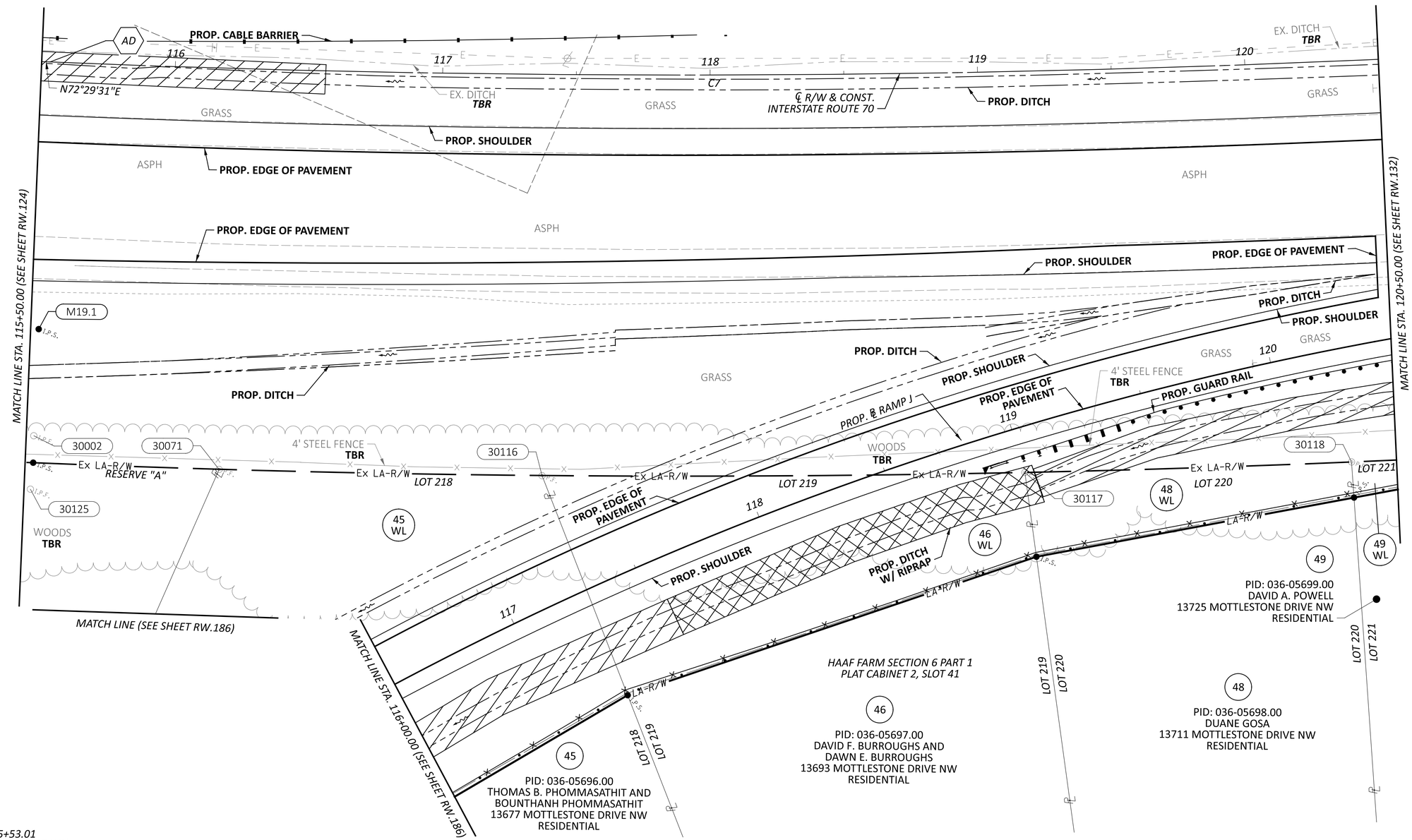
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 115+50.00 TO STA 120+50.00

AD *PC STA. 115+53.01*
(P.O.C. 47A-WL & 47-WL)

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.128 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT025 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:12:58 PM USER: mmayes
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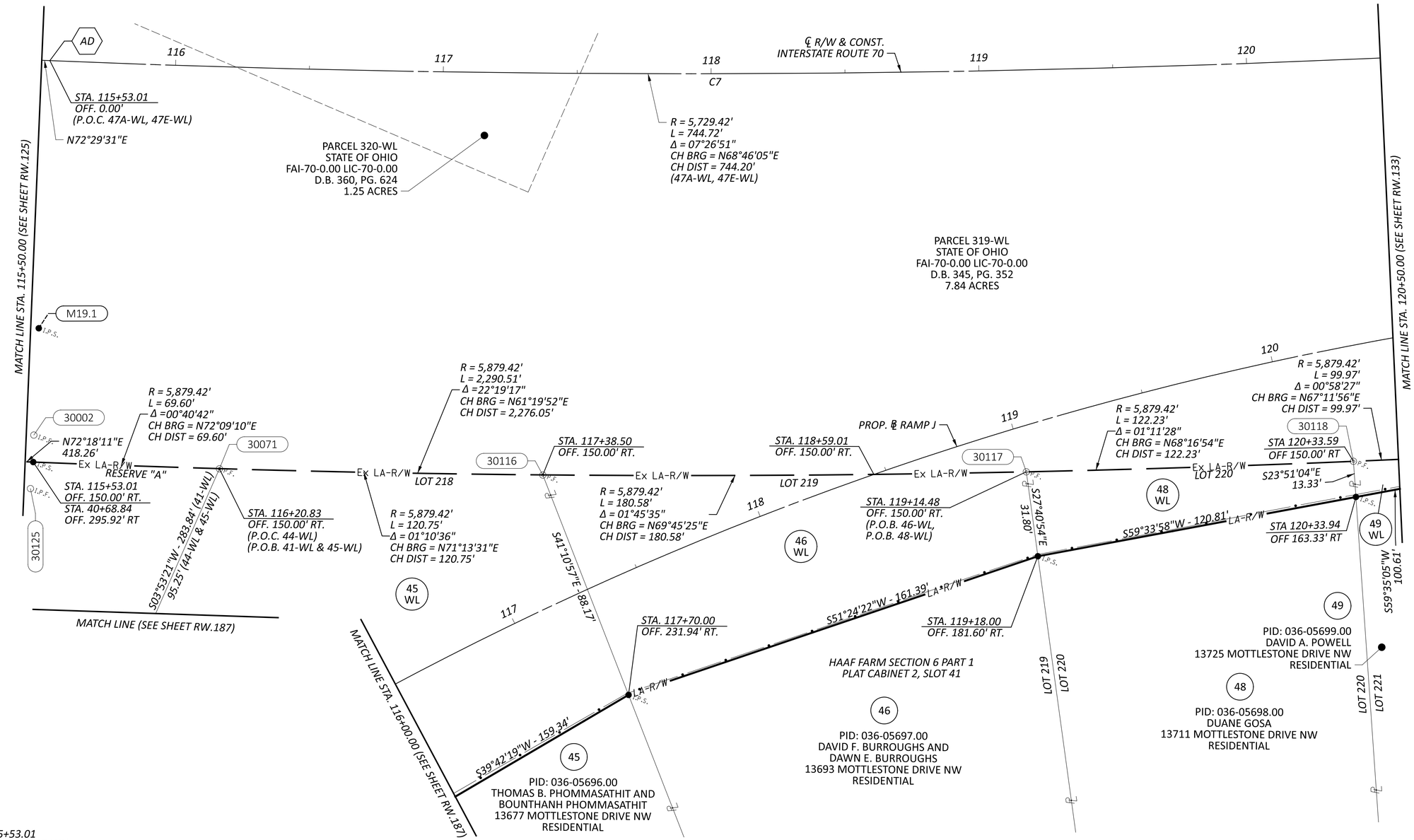
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AD — PC STA. 115+53.01
(P.O.C. 47A-WL & 47-WL)

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 115+50.00 TO STA 120+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.129 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB025 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:13:20 PM USER: mmayes
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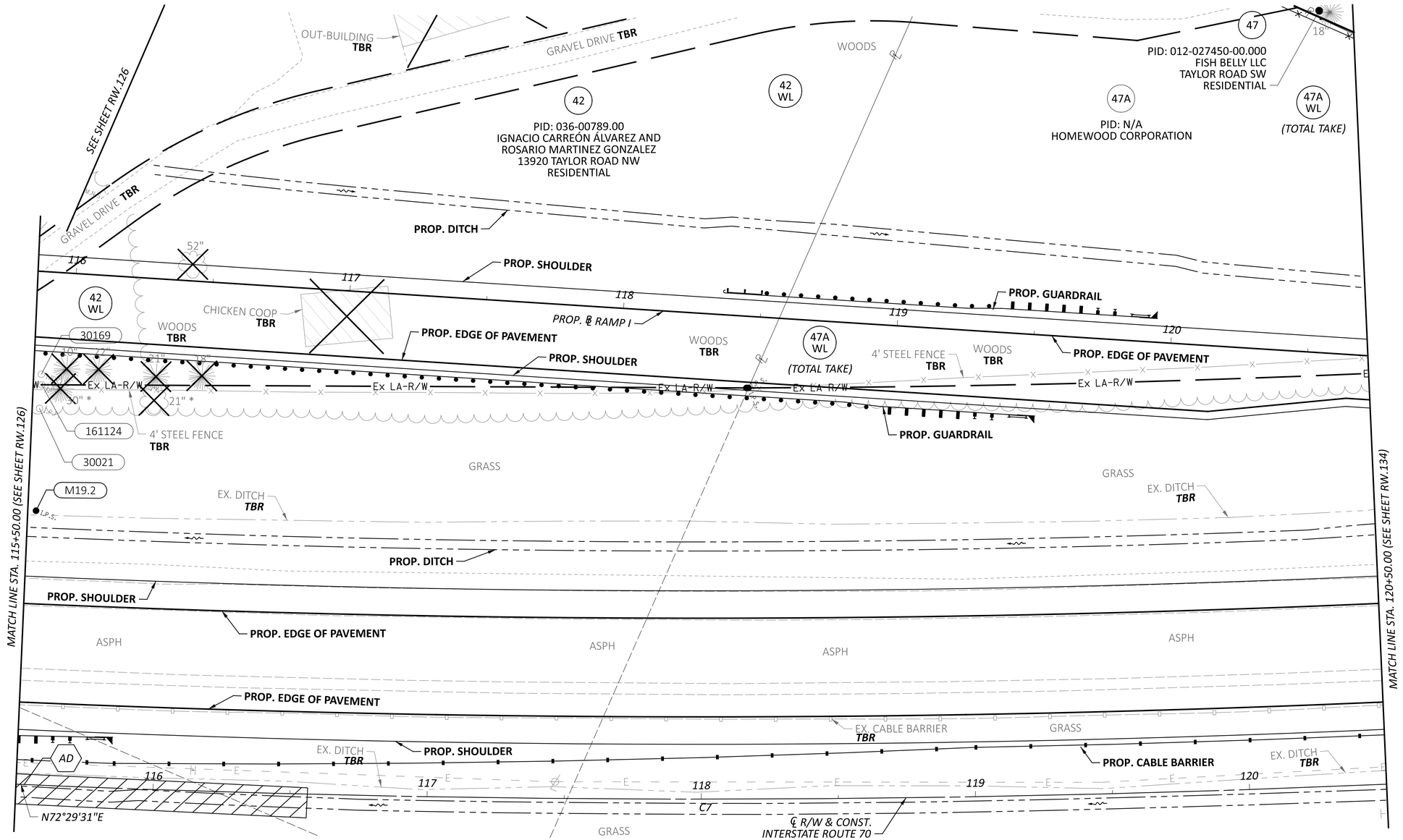
AD PC STA. 115+53.01

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 115+50.00 TO STA 120+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

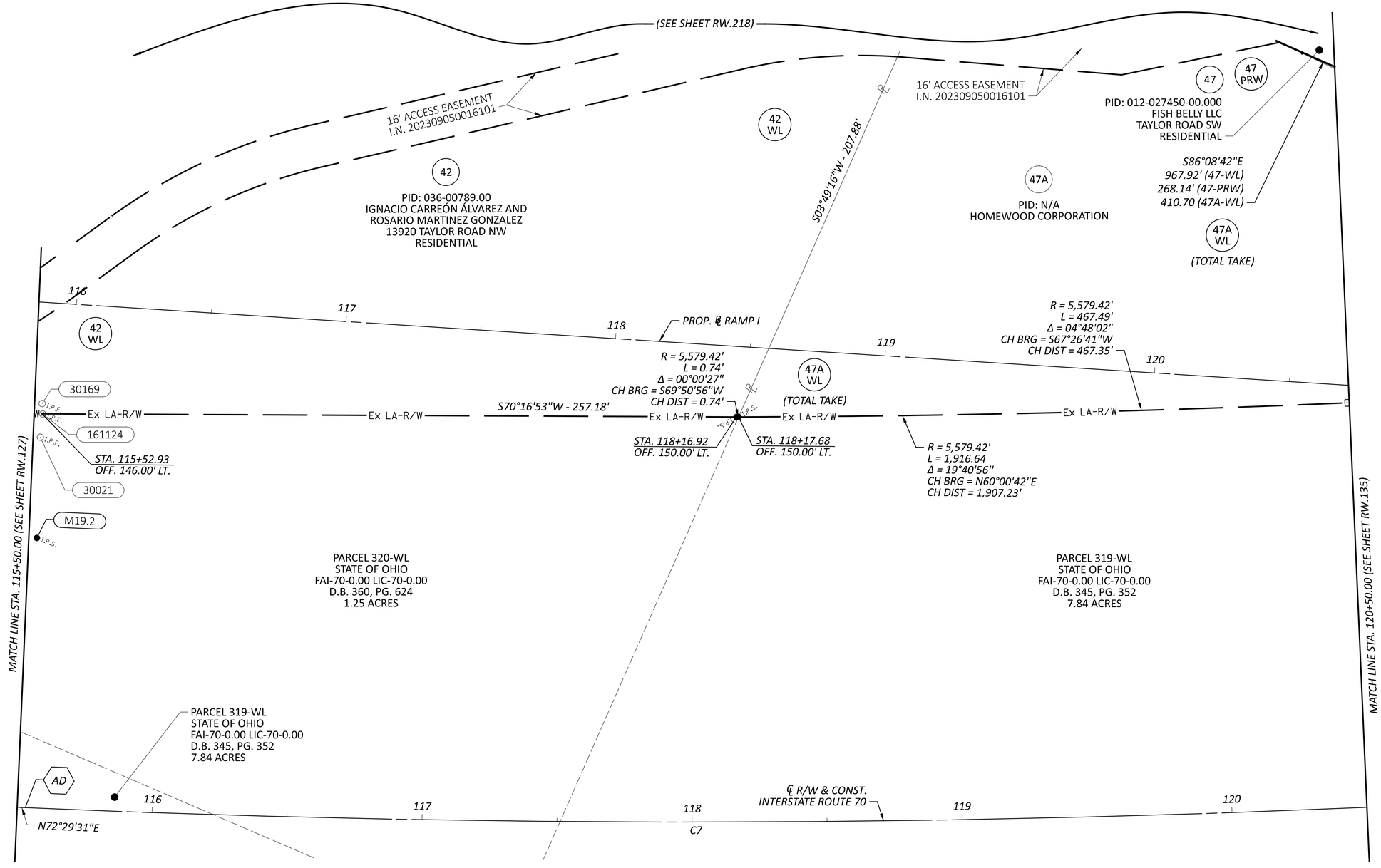
DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.130 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT925 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:13:56 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT925.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AD PC STA. 115+53.01

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 115+50.00 TO STA 120+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.131
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB925 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:14:18 PM USER: mmayes
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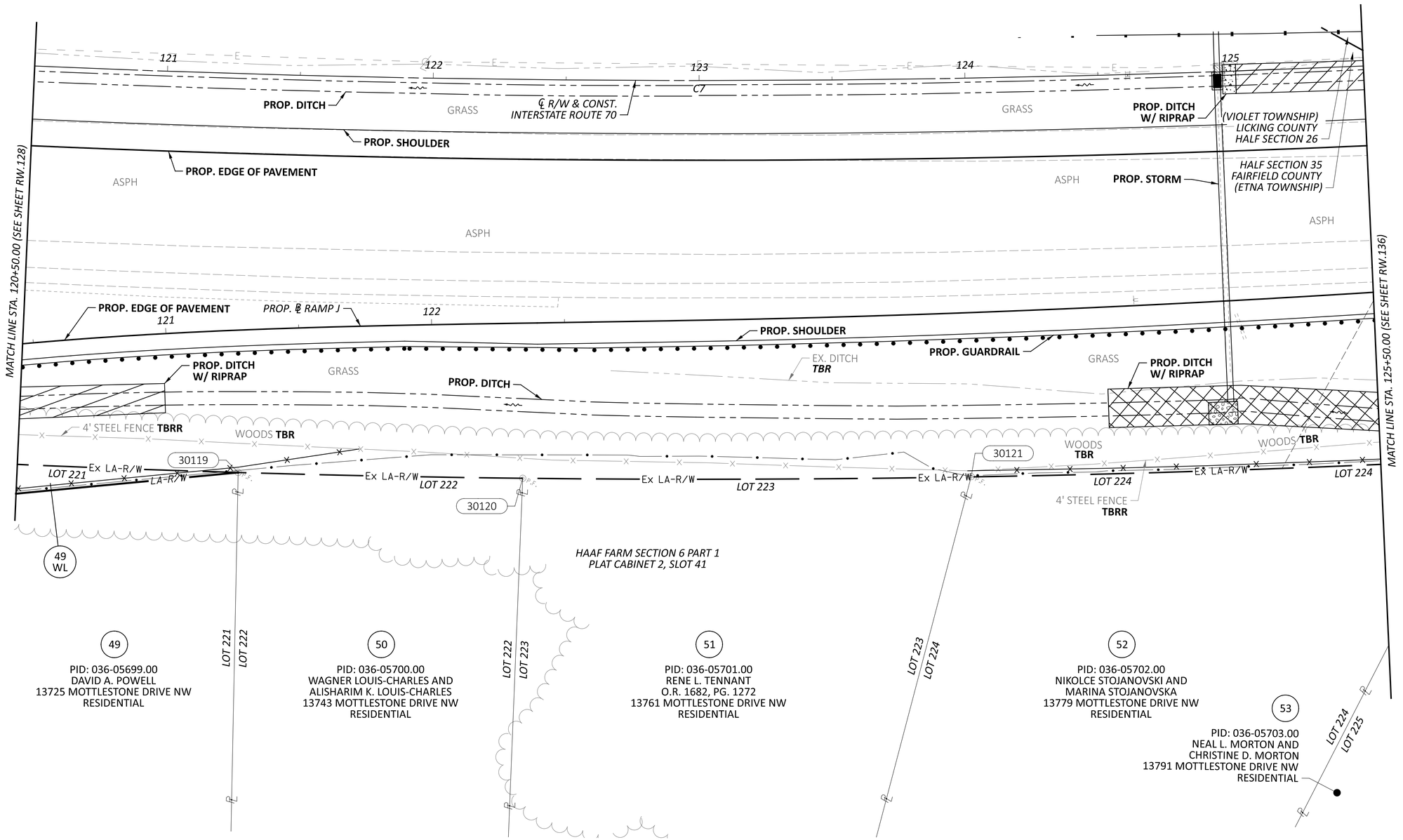
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



49
PID: 036-05699.00
DAVID A. POWELL
13725 MOTTLESTONE DRIVE NW
RESIDENTIAL

50
PID: 036-05700.00
WAGNER LOUIS-CHARLES AND
ALISHARIM K. LOUIS-CHARLES
13743 MOTTLESTONE DRIVE NW
RESIDENTIAL

51
PID: 036-05701.00
RENE L. TENNANT
O.R. 1682, PG. 1272
13761 MOTTLESTONE DRIVE NW
RESIDENTIAL

52
PID: 036-05702.00
NIKOLCE STOJANOVSKI AND
MARINA STOJANOVSKA
13779 MOTTLESTONE DRIVE NW
RESIDENTIAL

53
PID: 036-05703.00
NEAL L. MORTON AND
CHRISTINE D. MORTON
13791 MOTTLESTONE DRIVE NW
RESIDENTIAL

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 120+50.00 TO STA 125+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.132 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT026 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:14:55 PM USER: mmayes
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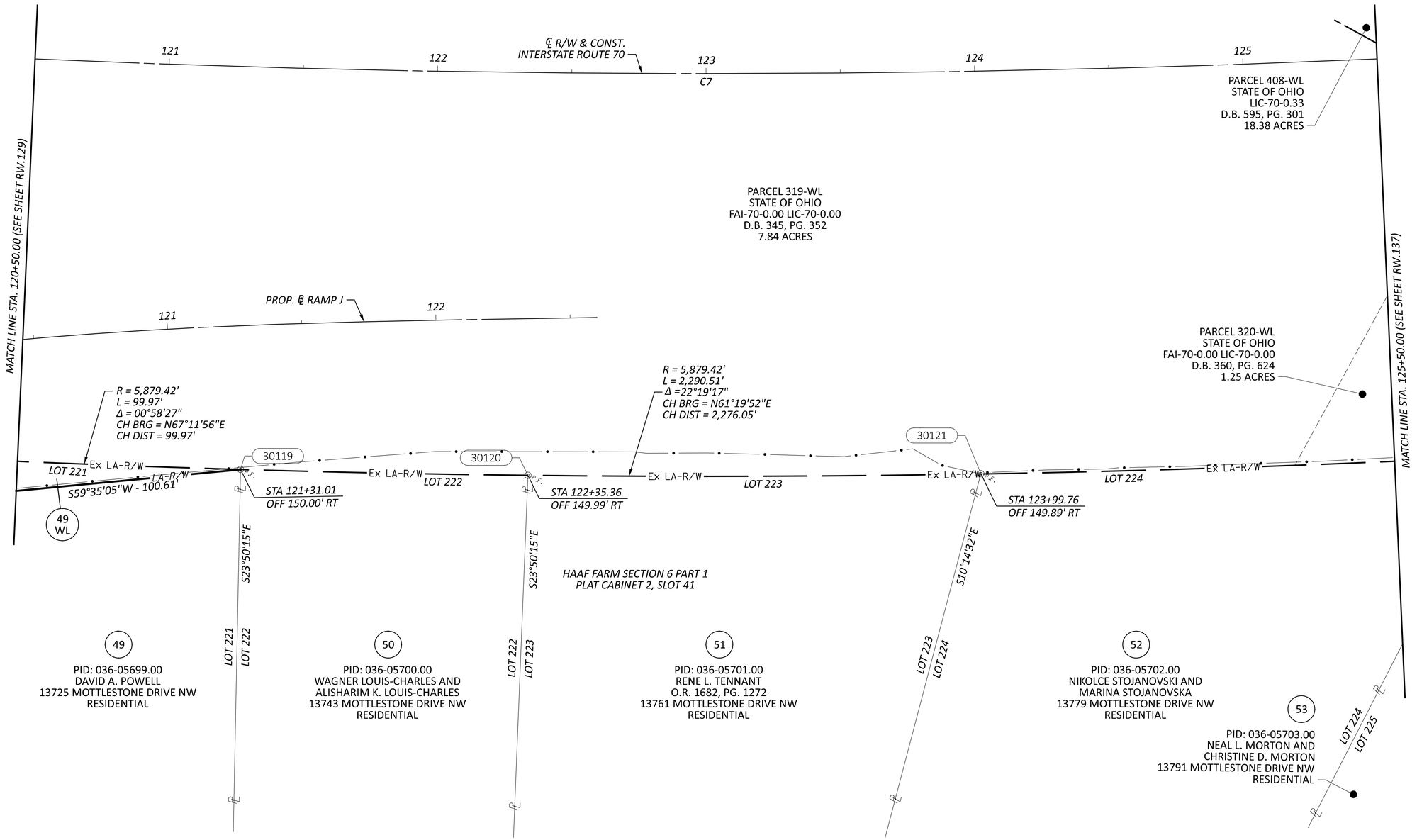
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 120+50.00 TO STA 125+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.133 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB026 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:15:17 PM USER: mmayes
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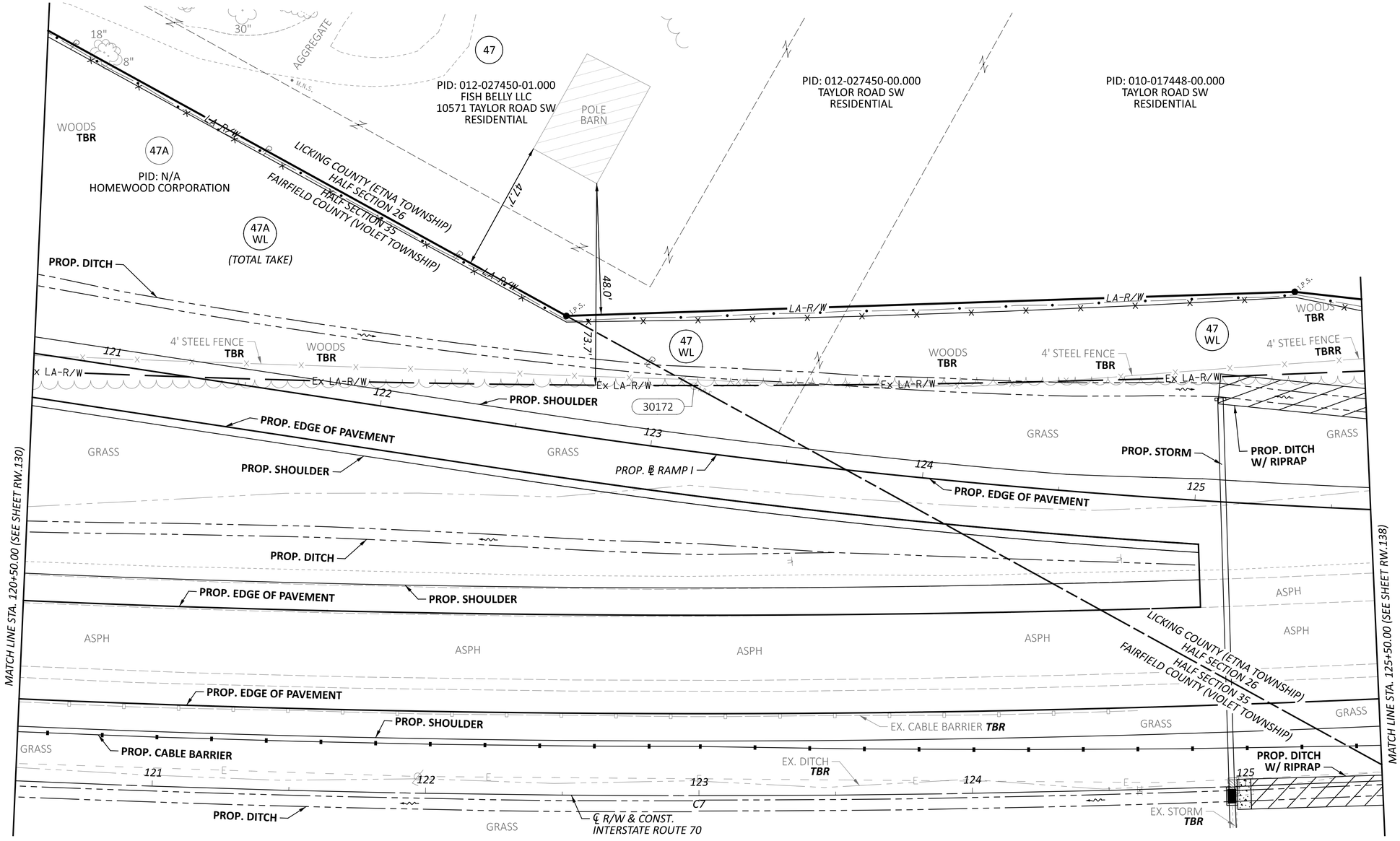
℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40



REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 120+50.00 TO STA 125+50.00

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.134 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT926 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:15:55 PM USER: mmayes
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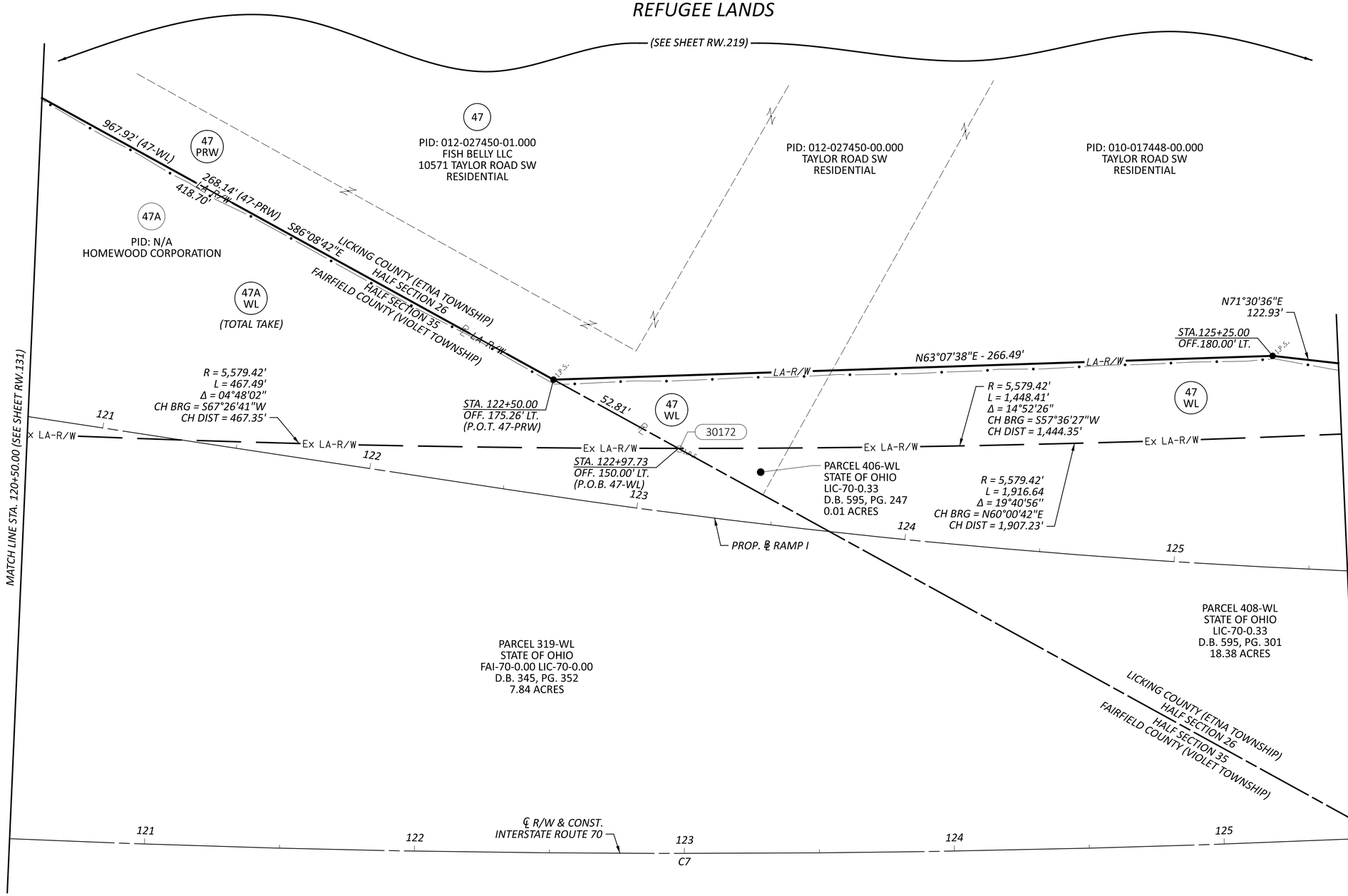
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 120+50.00 TO STA 125+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.135 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB926 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:16:17 PM USER: mmayes
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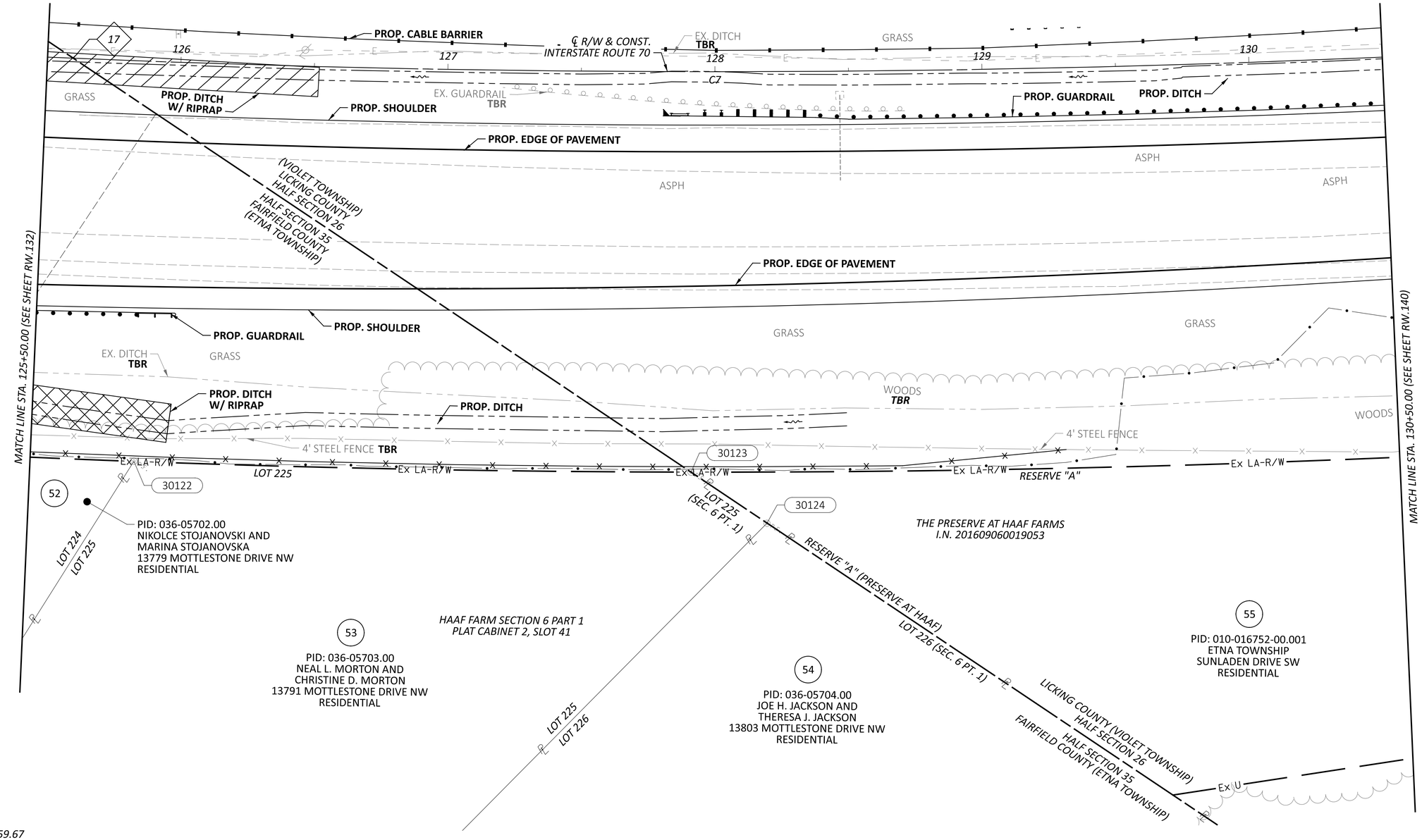
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



17 STA. 125+59.67

℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 125+50.00 TO STA 130+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.136 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT027 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:16:53 PM USER: mmayes
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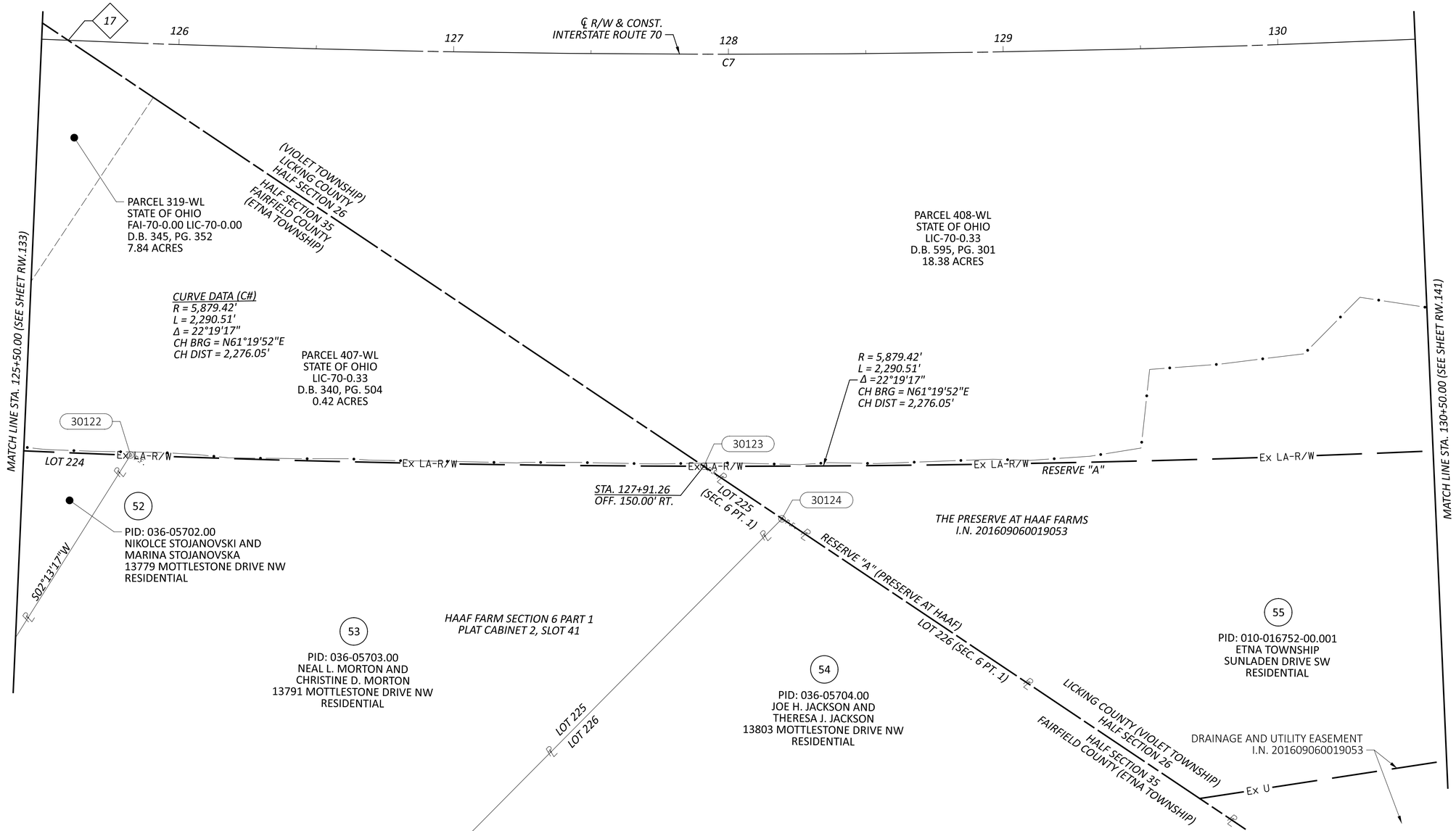
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



17 STA. 125+59.67

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 125+50.00 TO STA 130+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.137 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB027 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:17:16 PM USER: mmayes
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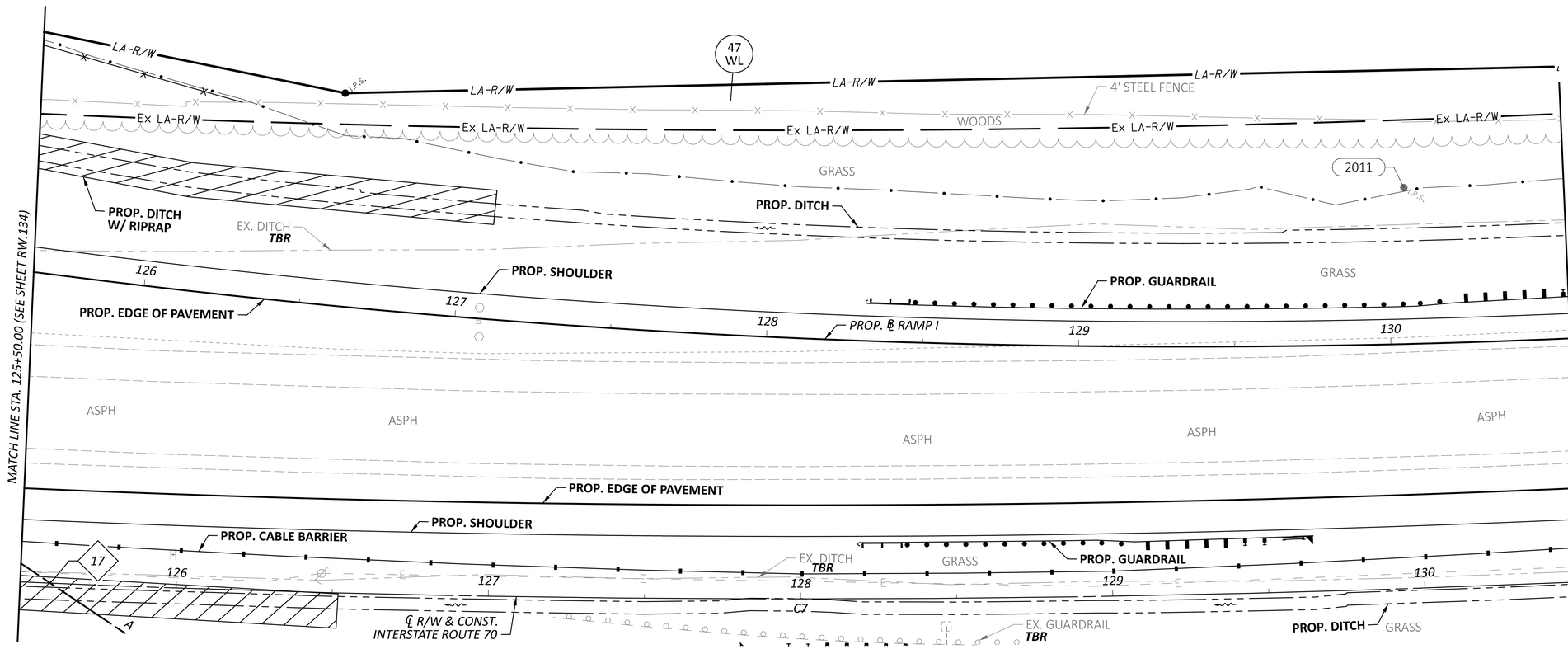
17 STA. 125+59.67

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 125+50.00 TO STA 130+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.138 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT927 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:17:55 PM USER: mmayes
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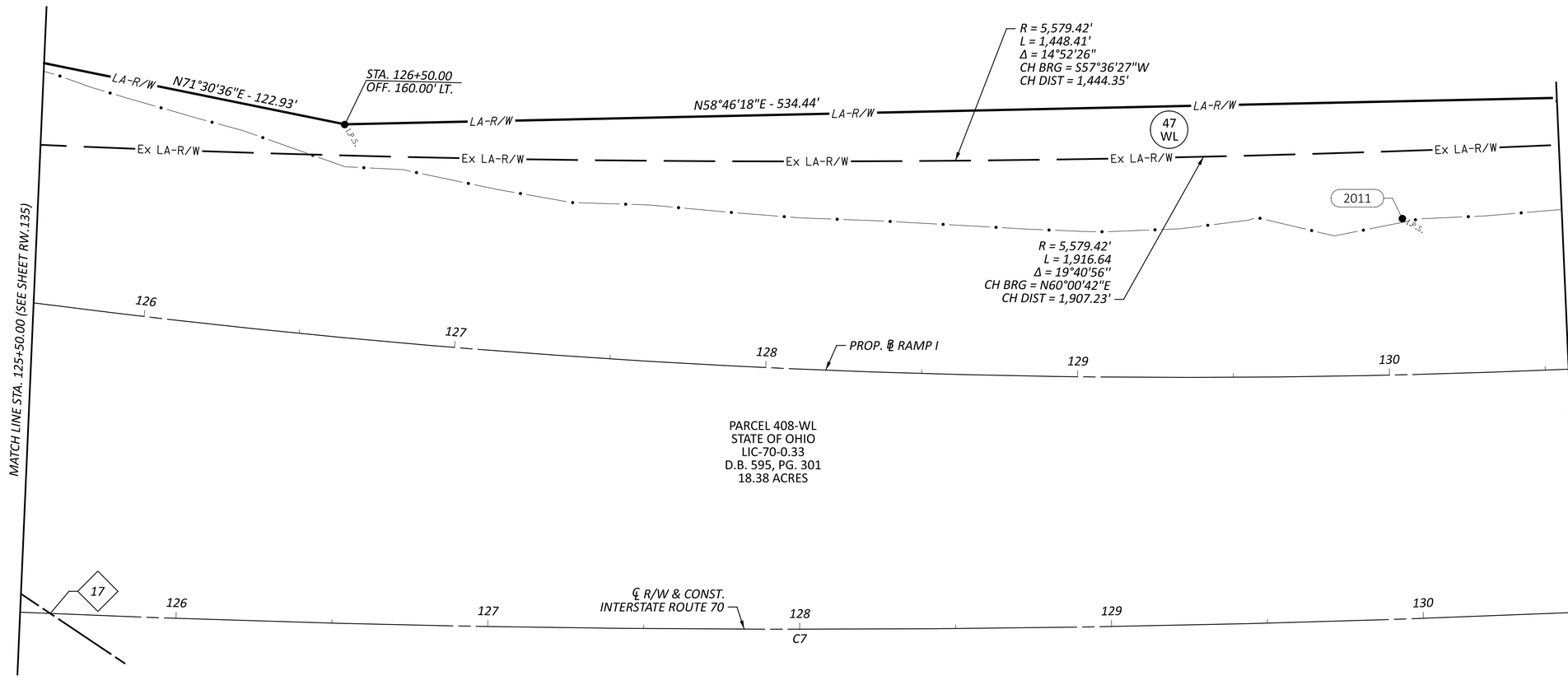
FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 26 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 125+50.00 TO STA 130+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.139 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB927 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:18:17 PM USER: mmayes
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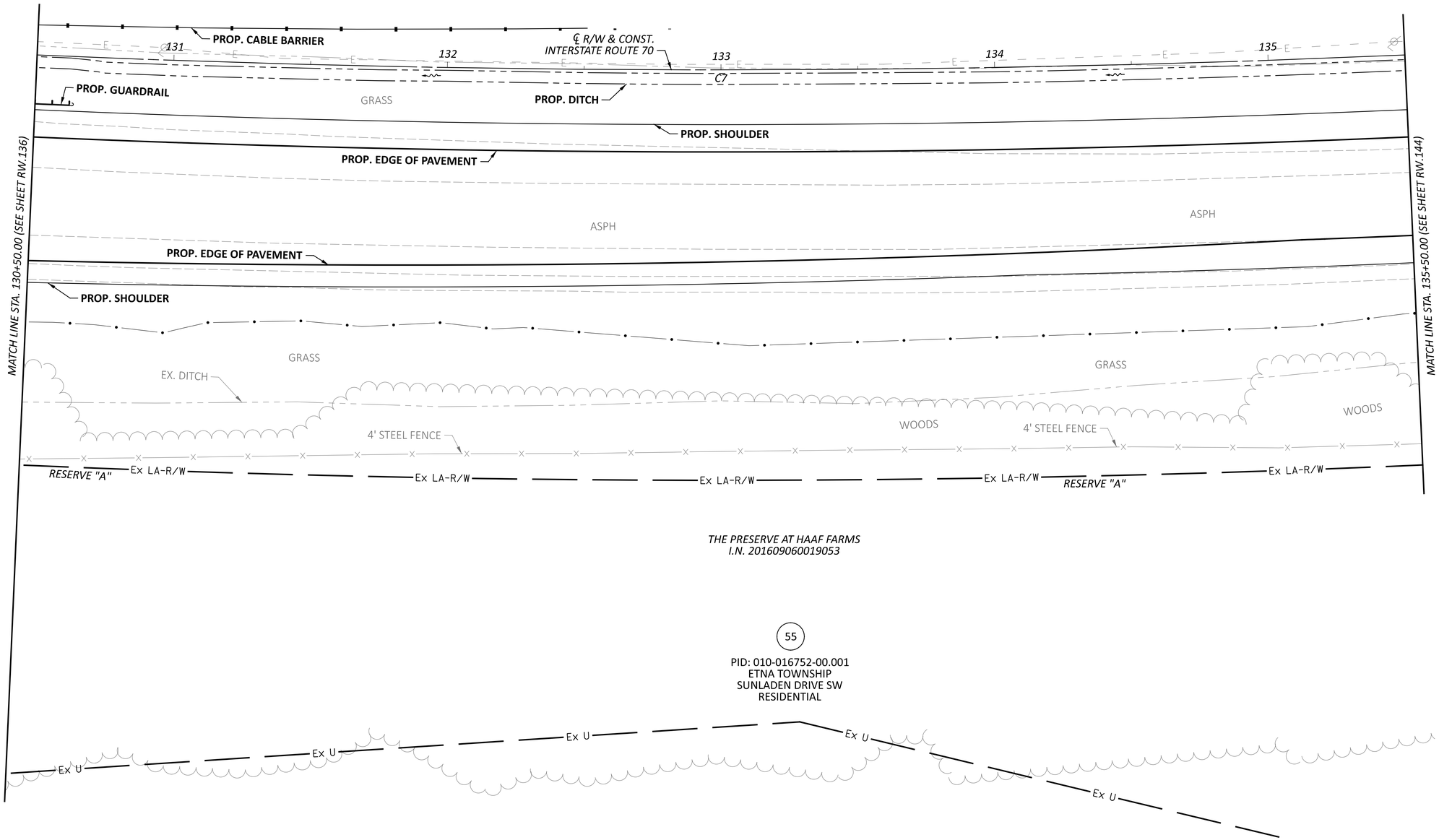
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W I.R. 70 CURVE DATA (C7)*
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 130+50.00 TO STA 135+50.00

DESIGN AGENCY
WHEELER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.140 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT028 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:18:53 PM USER: mmayes
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LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

131 132 ℄ R/W & CONST. INTERSTATE ROUTE 70 133 134 135

C7

MATCH LINE STA. 130+50.00 (SEE SHEET RW.137)

MATCH LINE STA. 135+50.00 (SEE SHEET RW.145)

PARCEL 408-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 301
18.38 ACRES

R = 5,879.42'
L = 2,290.51'
Δ =22°19'17"
CH BRG = N61°19'52"E
CH DIST = 2,276.05'

Ex LA-R/W Ex LA-R/W Ex LA-R/W Ex LA-R/W RESERVE "A" Ex LA-R/W

THE PRESERVE AT HAAF FARMS
I.N. 201609060019053

55

PID: 010-016752-00.001
ETNA TOWNSHIP
SUNLADEN DRIVE SW
RESIDENTIAL

Ex U Ex U Ex U Ex U Ex U

DRAINAGE AND UTILITY EASEMENT
I.N. 201609060019053

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 130+50.00 TO STA 135+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.141 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB028 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:19:15 PM USER: mmayes
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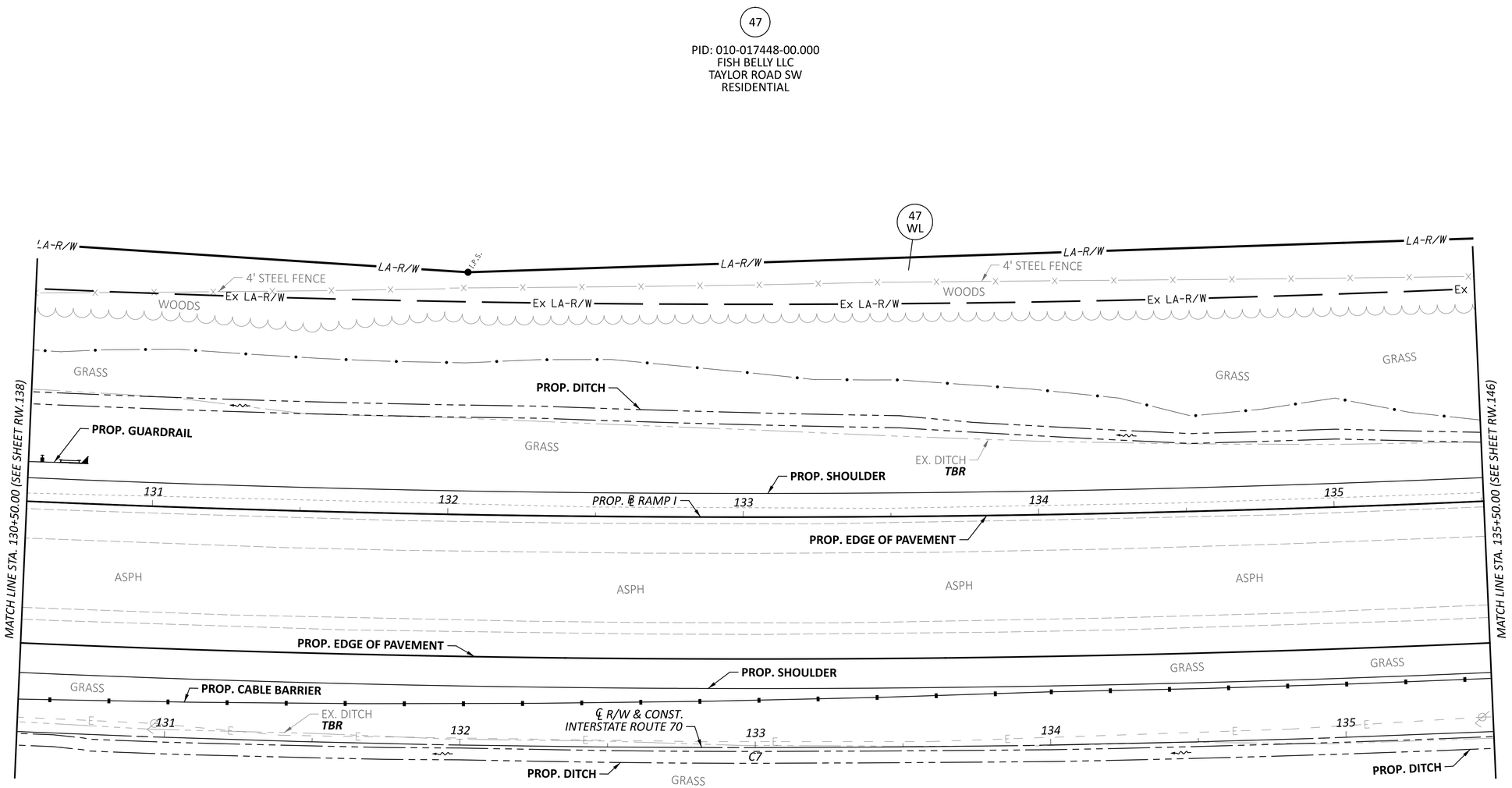
℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 130+50.00 TO STA 135+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.142 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT928 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:19:51 PM USER: mmayes
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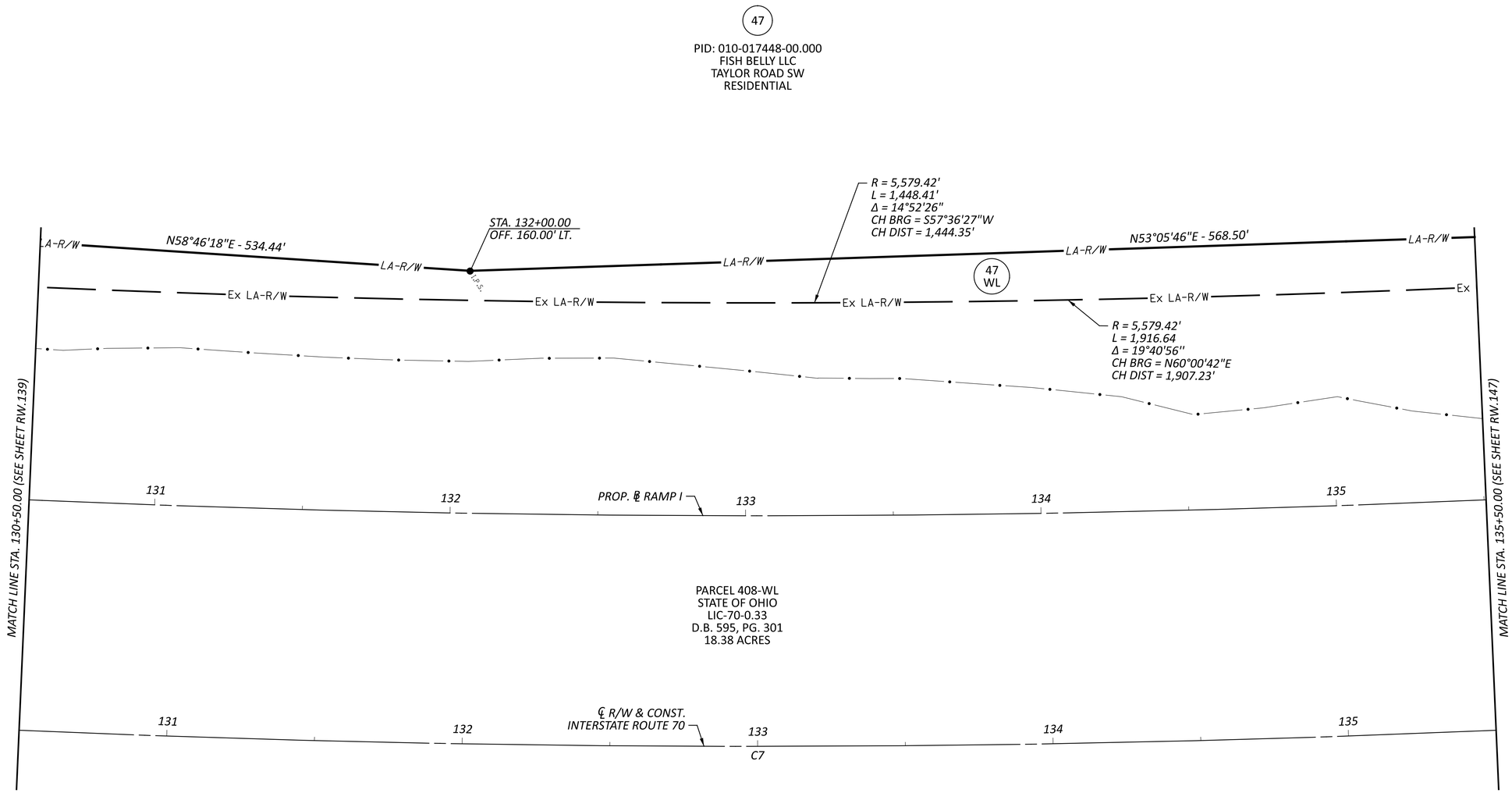
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 130+50.00 TO STA 135+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.143 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB928 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:20:12 PM USER: mmayes
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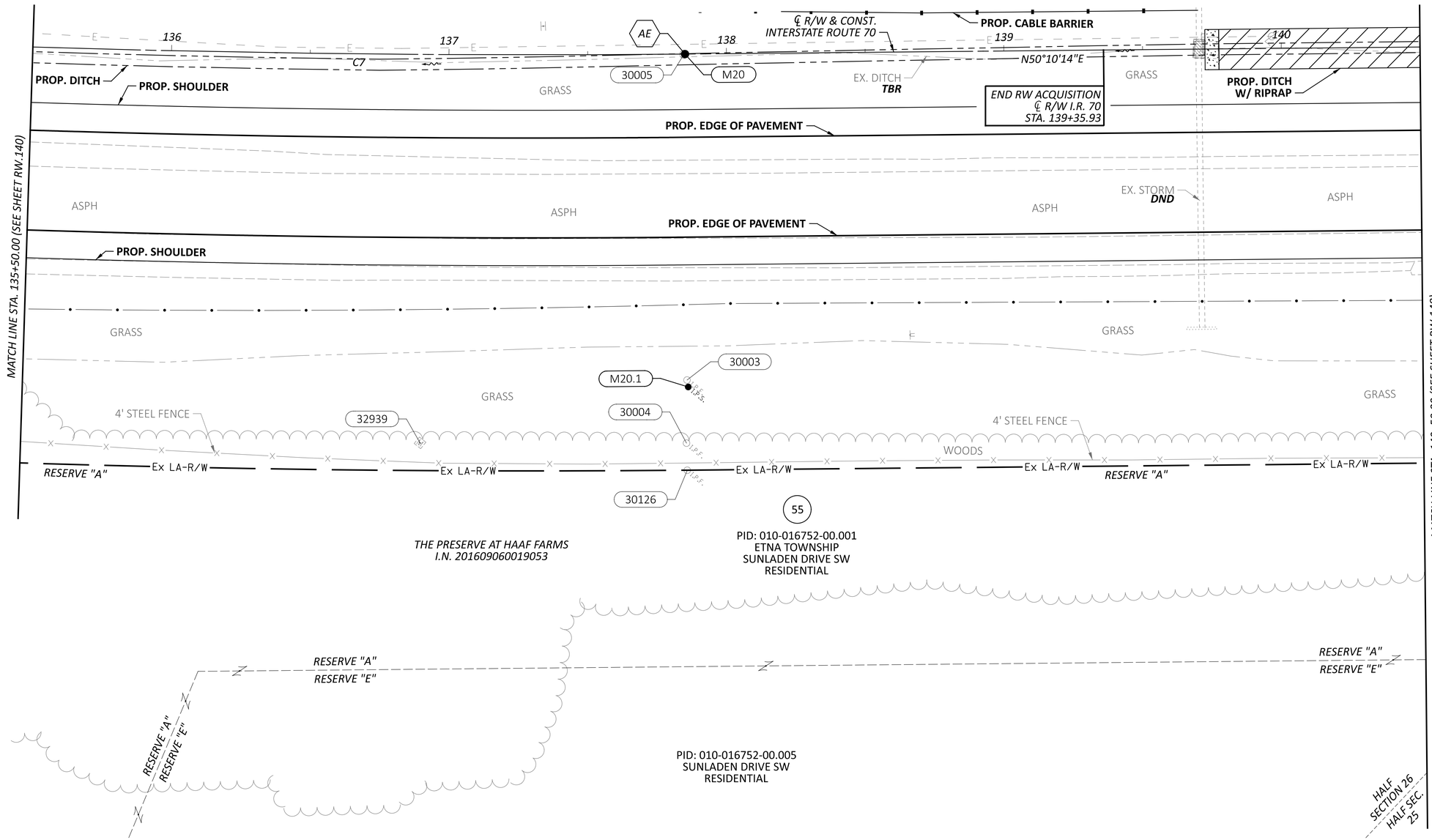
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 135+50.00 TO STA 140+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.144 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT029 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:20:49 PM USER: mmayes
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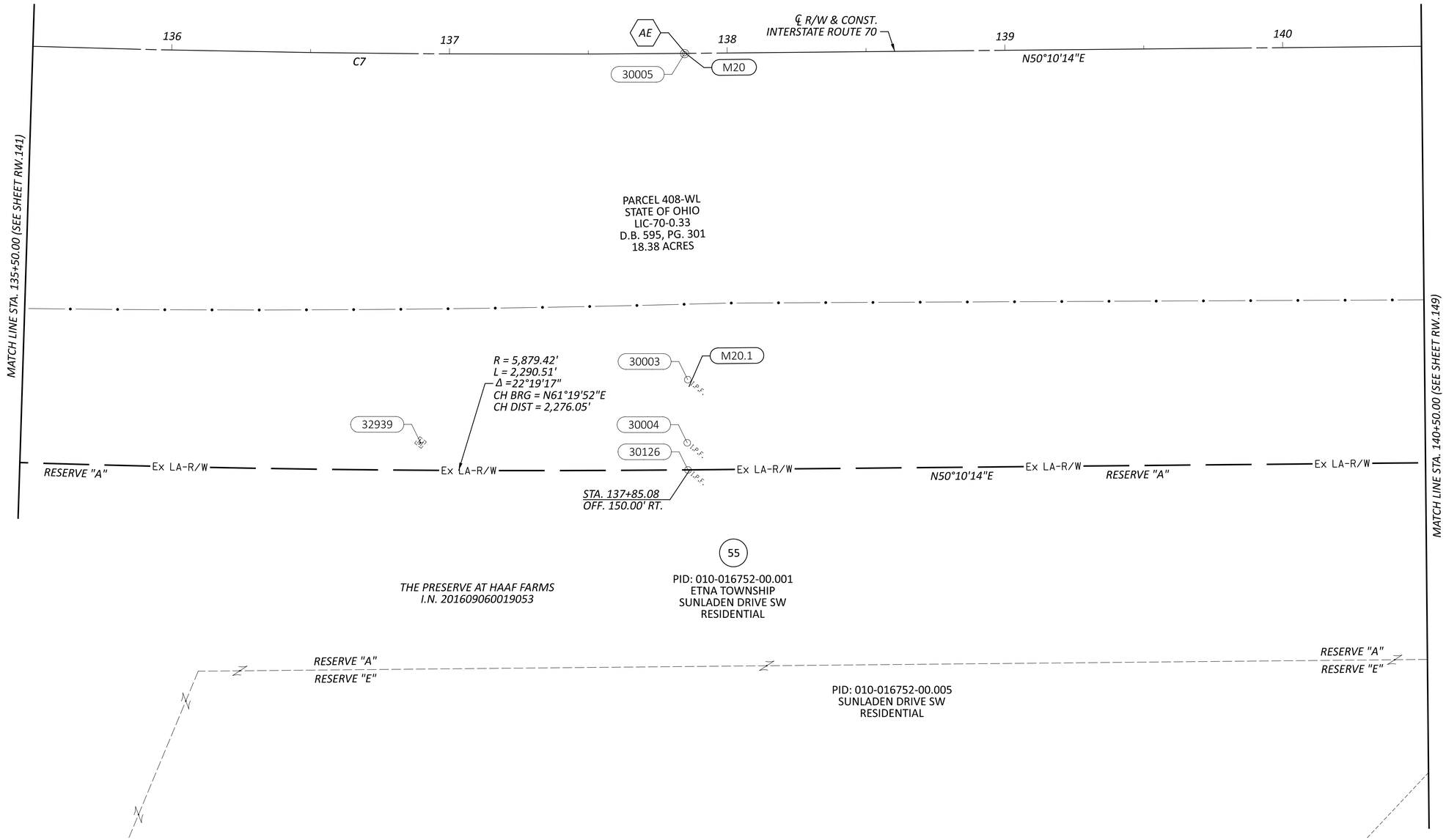
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 135+50.00 TO STA 140+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.145 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB029 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:21:12 PM USER: mmayes
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AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
TAYLOR ROAD SW
RESIDENTIAL

47 WL

LA-R/W
4' STEEL FENCE
Ex LA-R/W
WOODS
I.P.S.
30187
30188
M20.2
2012
GRASS
RIPRAP
EX. DITCH
TBR
PROP. DITCH
PROP. ℄ RAMP I
136
PROP. EDGE OF PAVEMENT
PROP. SHOULDER
ASPH
END RW ACQUISITION
℄ R/W I.R. 70
STA. 139+35.93
EX. STORM
TBR
MATCH LINE STA. 135+50.00 (SEE SHEET RW.142)
MATCH LINE STA. 140+50.00 (SEE SHEET RW.150)
PROP. CABLE BARRIER
PROP. DITCH W/ RIPRAP
137
138
139
140
C7
AE
M20
30005
N50°10'14"E
℄ R/W & CONST.
INTERSTATE ROUTE 70

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 135+50.00 TO STA 140+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.146 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT929 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:21:49 PM USER: mmayes
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LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL

PID: 012-027450-00.000
TAYLOR ROAD SW
RESIDENTIAL

S86°37'56"E

R = 5,579.42'
L = 1,448.41'
Δ = 14°52'26"
CH BRG = S57°36'27"W
CH DIST = 1,444.35'

47
WL

LA-R/W — N53°05'46"E - 568.50' — LA-R/W

STA. 137+85.08
OFF. 160.00' LT.

N50°10'14"E - 140.19'

STA. 139+25.28
OFF. 160.00' LT.

STA. 139+39.93
OFF. 150.00' LT.

I.P.S.

14.61'

I.P.F.

LA-R/W — Ex LA-R/W — Ex LA-R/W — Ex LA-R/W — 150.84' — N50°10'14"E — Ex LA-R/W — Ex LA-R/W — Ex LA-R/W

STA. 137+85.08
OFF. 150.00' LT.

30187

30188

R = 5,579.42'
L = 1,916.64
Δ = 19°40'56"
CH BRG = N60°00'42"E
CH DIST = 1,907.23'

M20.2

I.P.S.

2012

PARCEL 406-WL-1
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 247
1.50 ACRES

MATCH LINE STA. 135+50.00 (SEE SHEET RW.143)

PROP. ℄ RAMP I

136

PARCEL 408-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 301
18.38 ACRES

MATCH LINE STA. 140+50.00 (SEE SHEET RW.151)

136 — 137 — AE — 138 — ℄ R/W & CONST. INTERSTATE ROUTE 70 — 139 — 140

C7 — N50°10'14"E

30005

AE PT STA. 137+85.08

℄ R/W I.R. 70 CURVE DATA (C7)
P.I. = STA. 126+83.38
Δ = 22°19'17" LT
Dc = 01°00'00"
R = 5,729.42'
T = 1,130.37'
L = 2,232.07'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 135+50.00 TO STA 140+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.147 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB929 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:22:11 PM USER: mmayes
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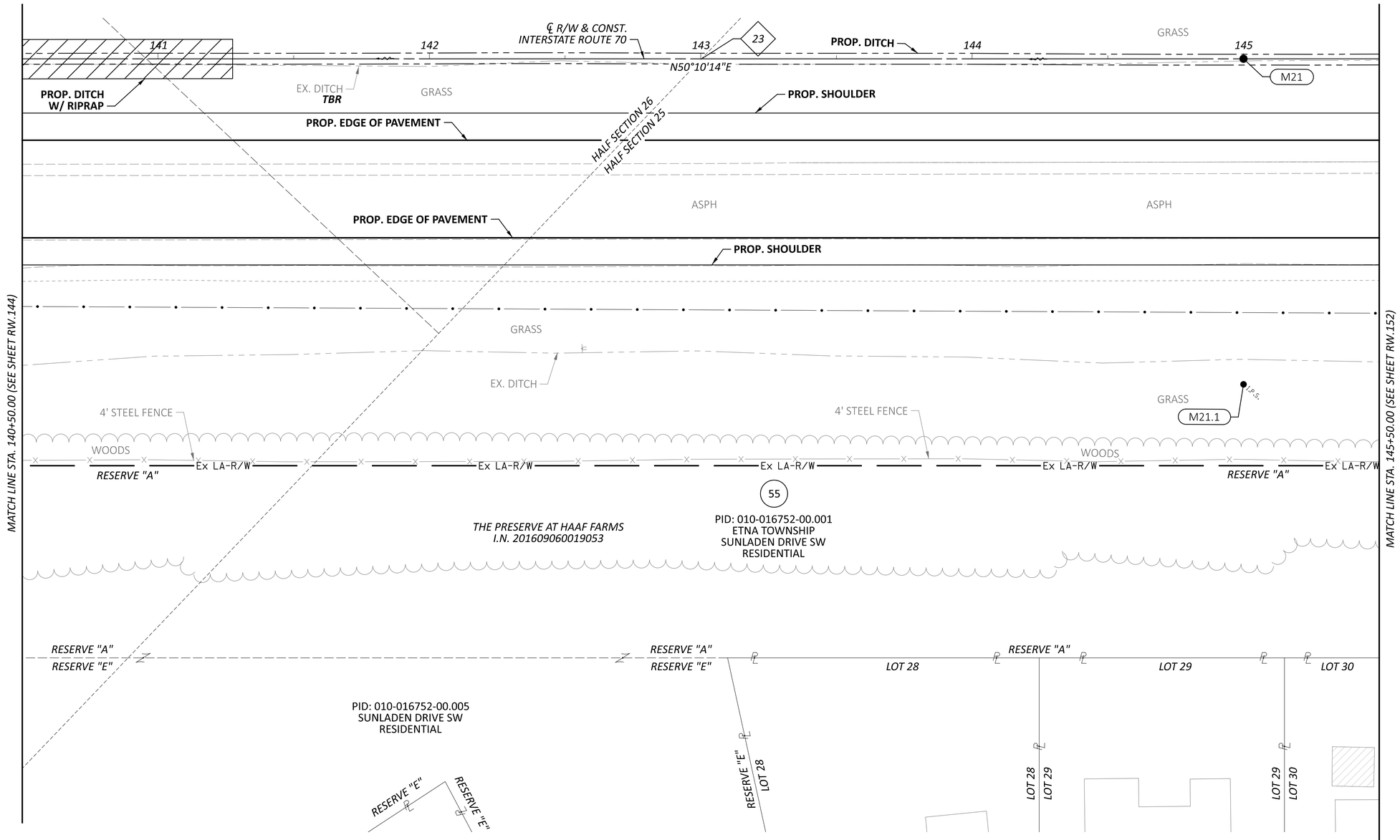
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.148 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT030 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:22:48 PM USER: mmayes
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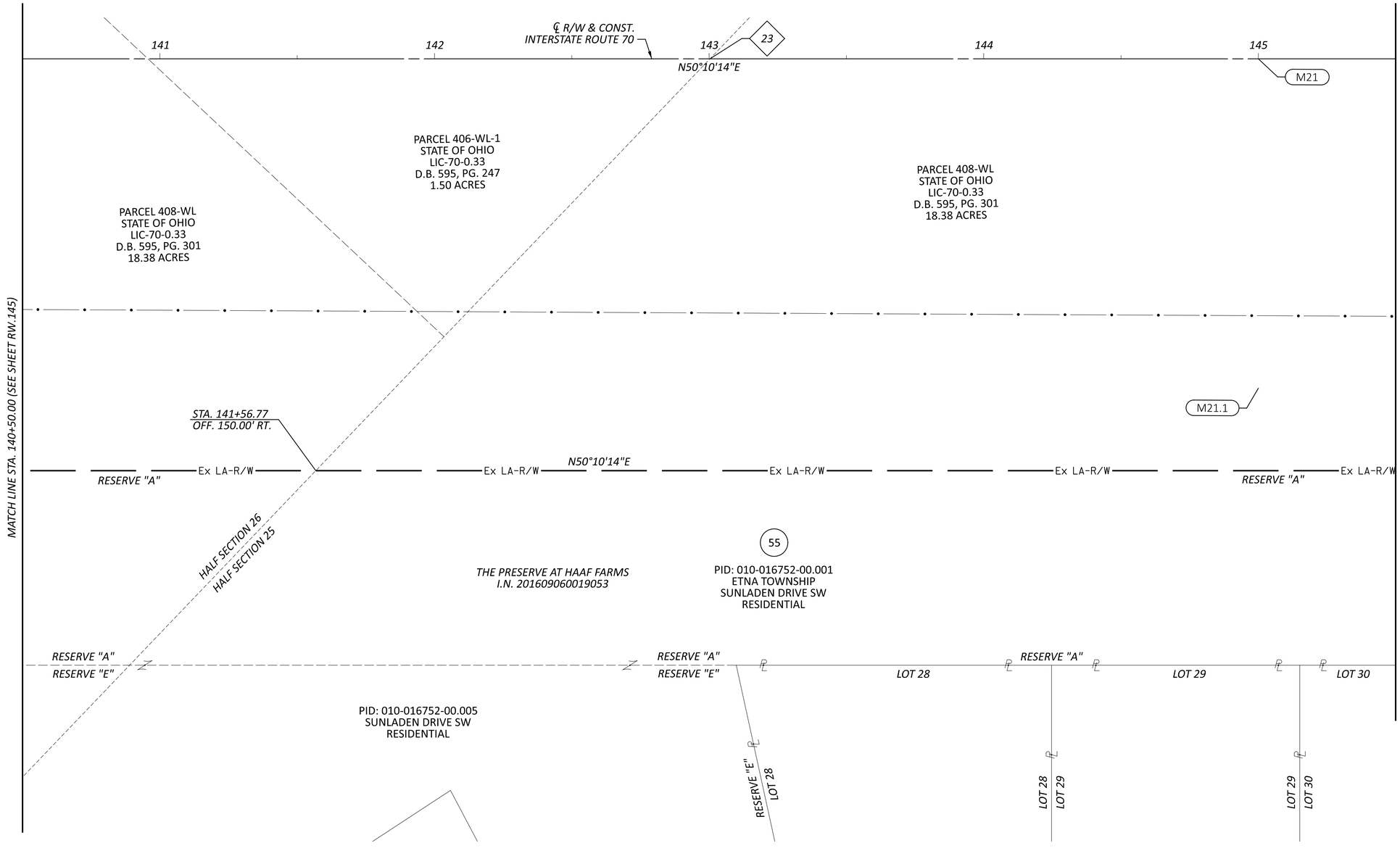
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.149 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB030 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:23:10 PM USER: mmayes
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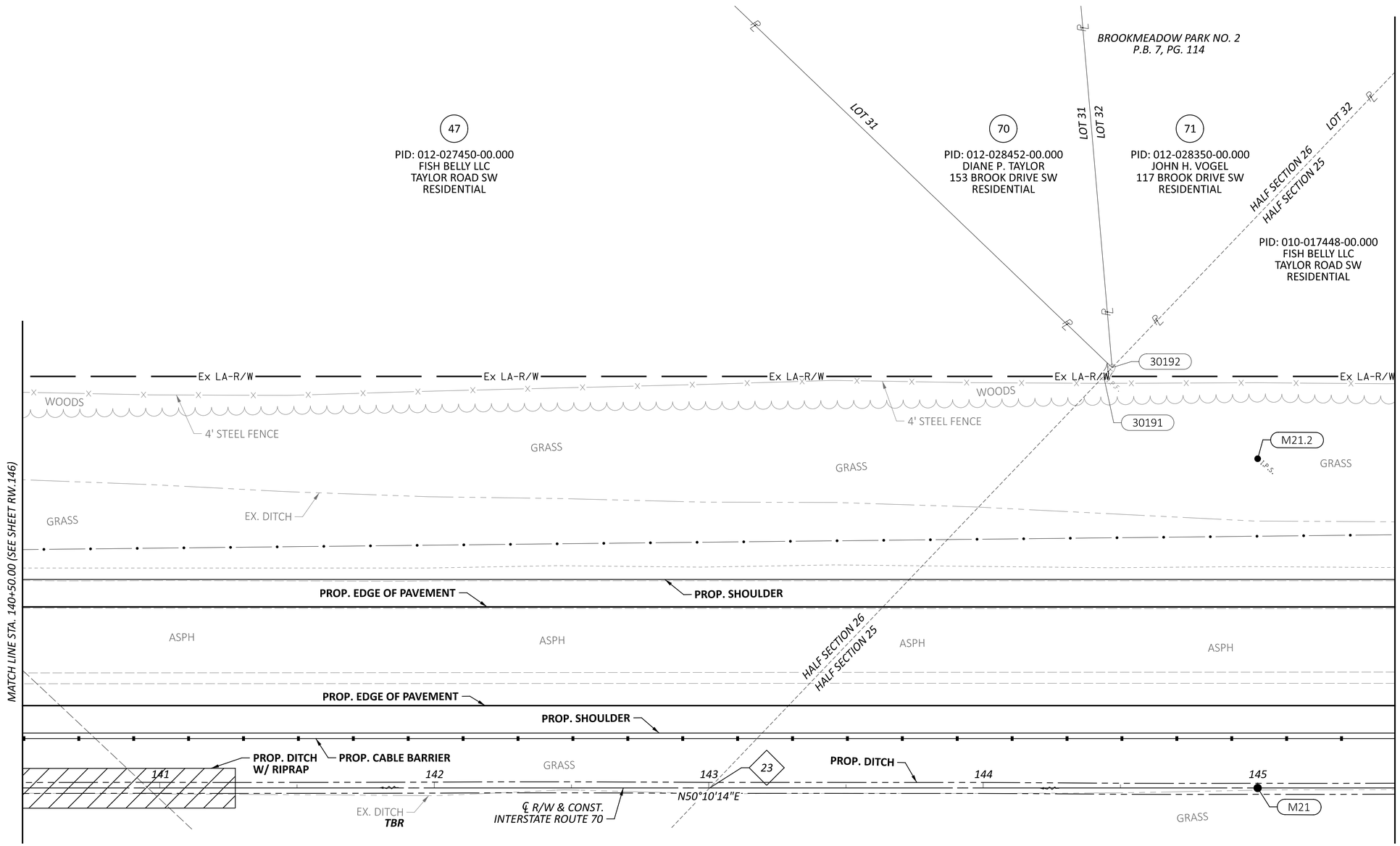
23 STA. 143+00.32

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 140+50.00 TO STA 145+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT930 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:23:47 PM USER: mmayes
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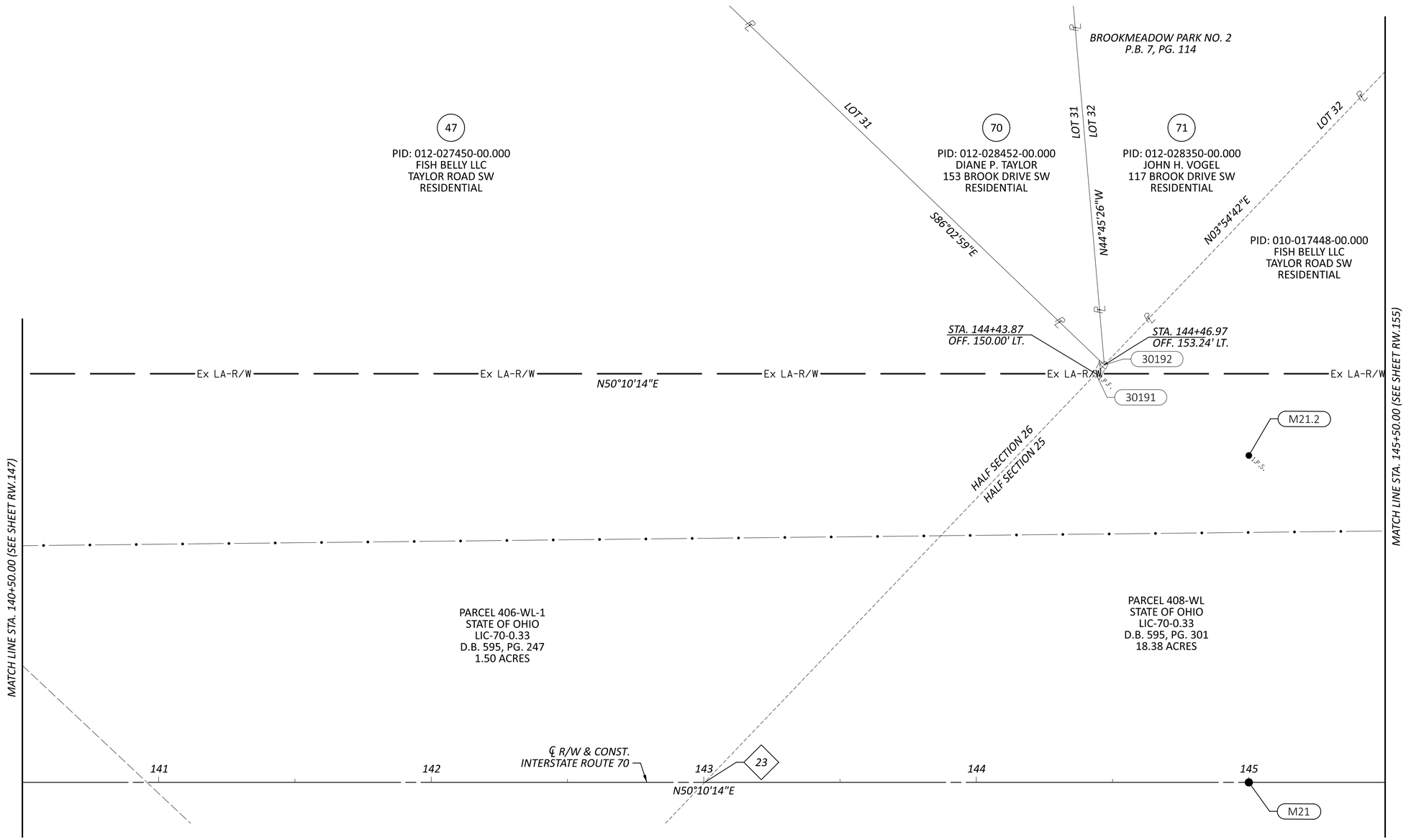
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.150 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



23 STA. 143+00.32

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 140+50.00 TO STA 145+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.151 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB930 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:24:09 PM USER: mmayes
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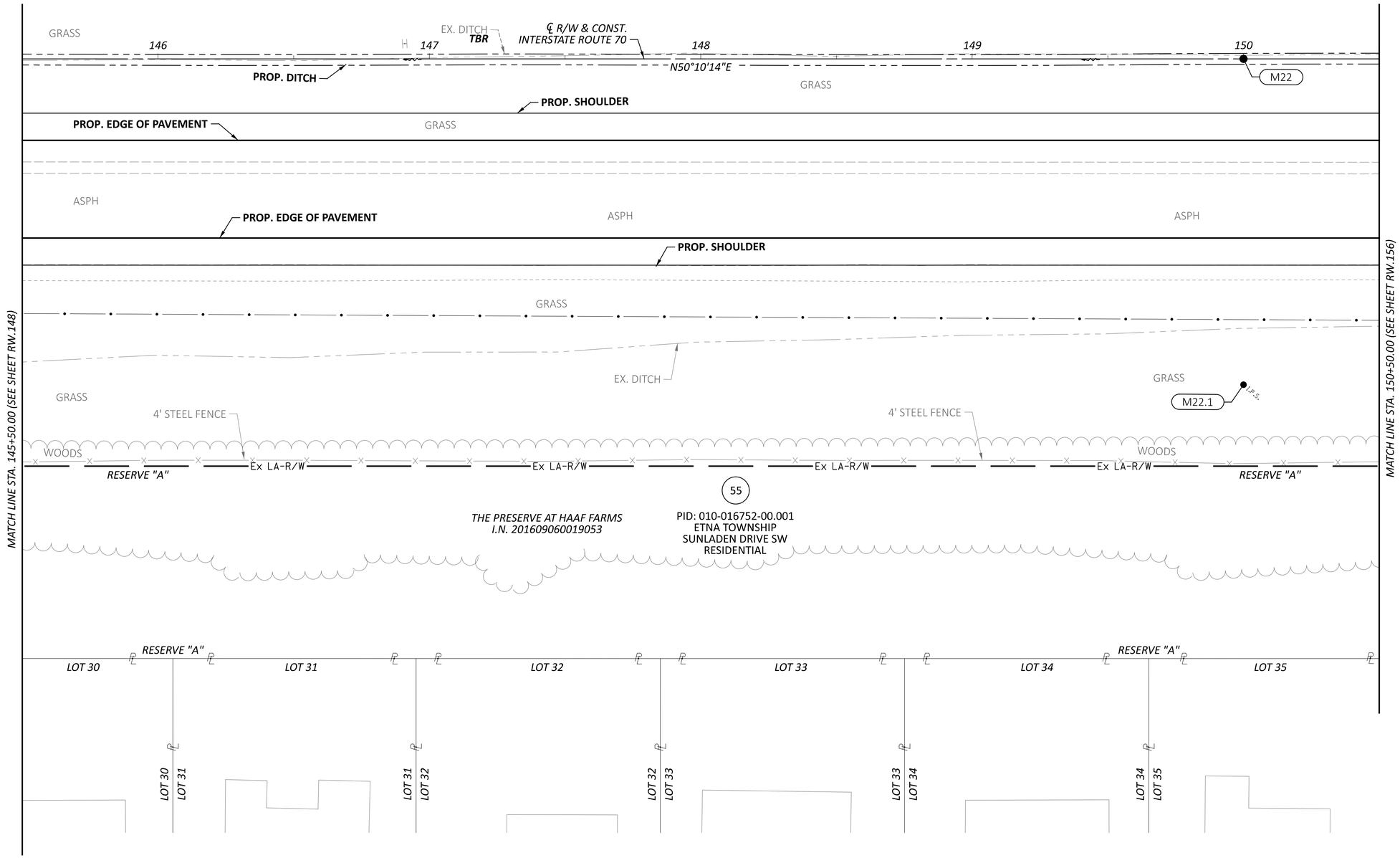
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.152 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT031 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:24:45 PM USER: mmayes
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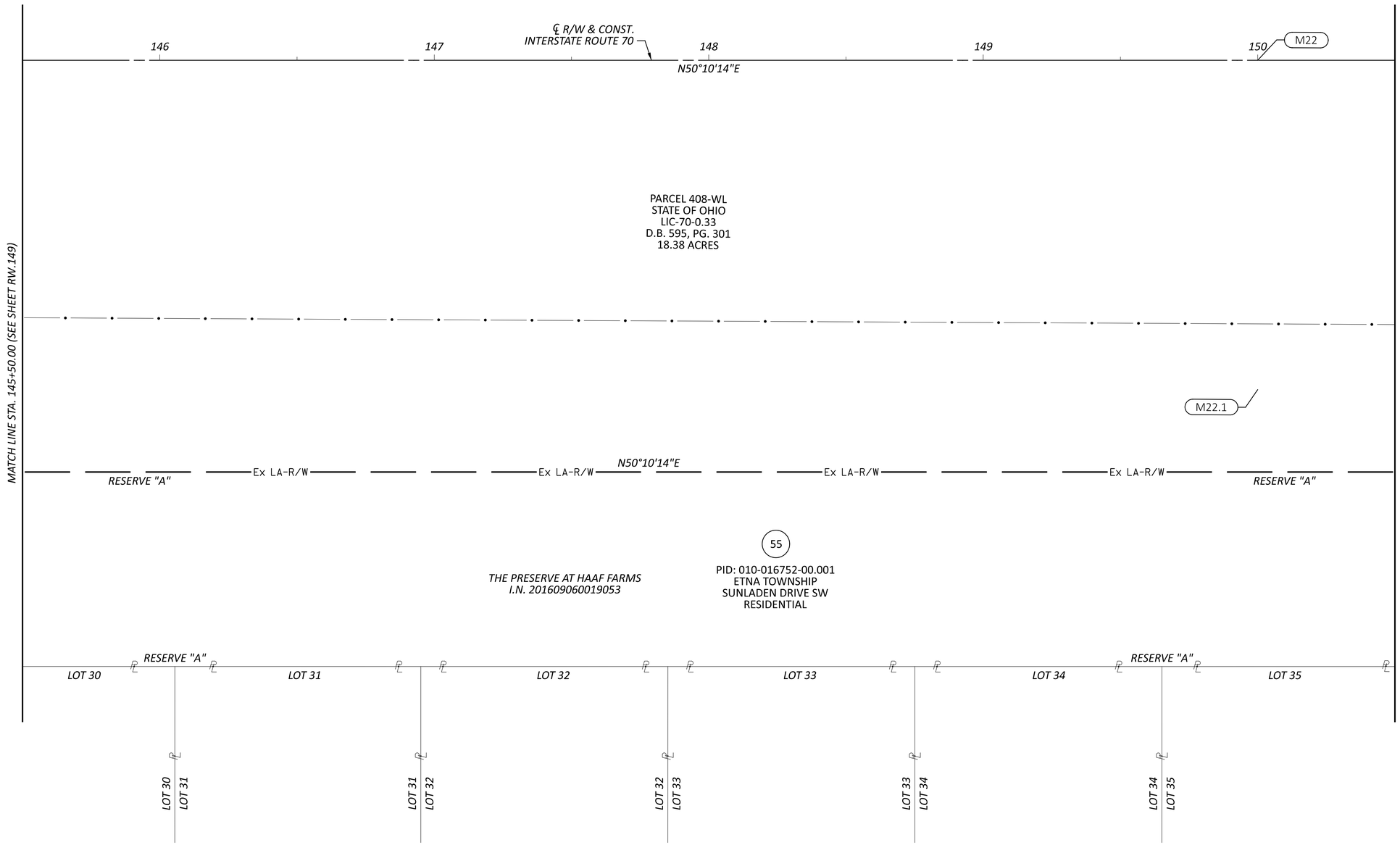
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.153 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB031 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:25:06 PM USER: mmayes
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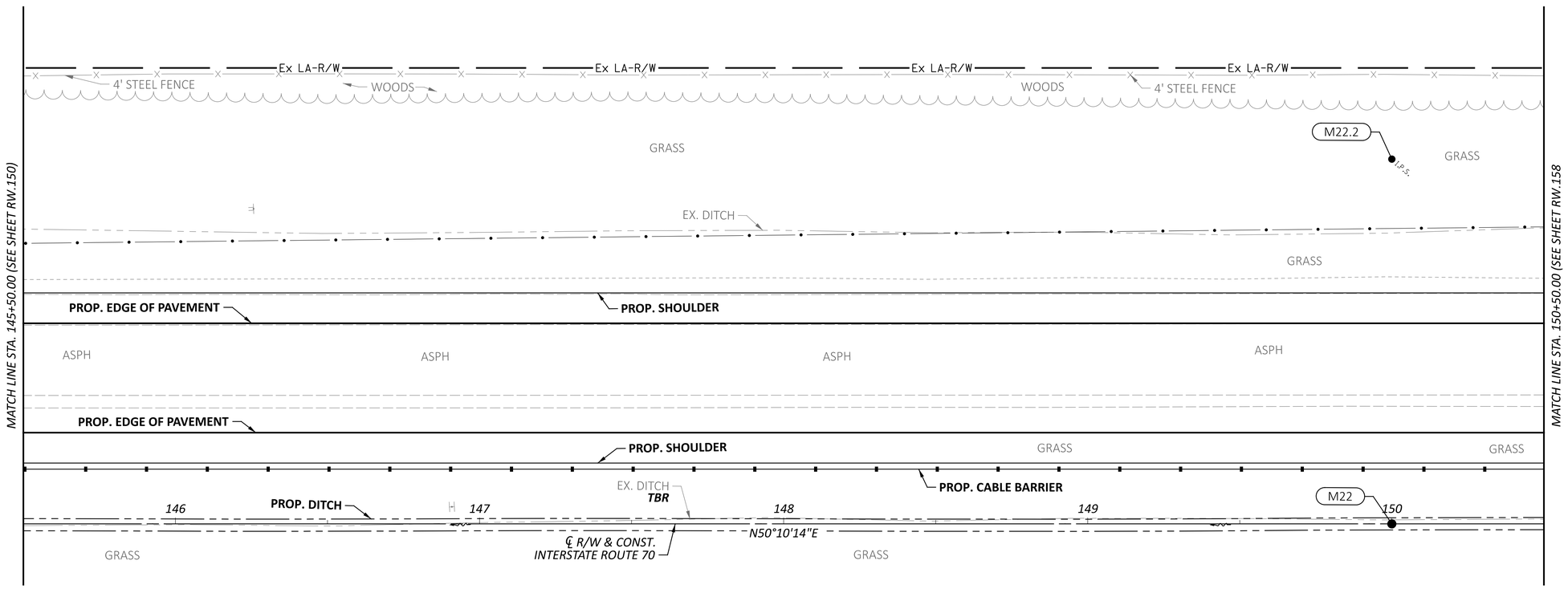
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

47

PID: 010-017448-00.000
FISH BELLY LLC
TAYLOR ROAD SW
RESIDENTIAL



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.154 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT931 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:25:42 PM USER: mmayes
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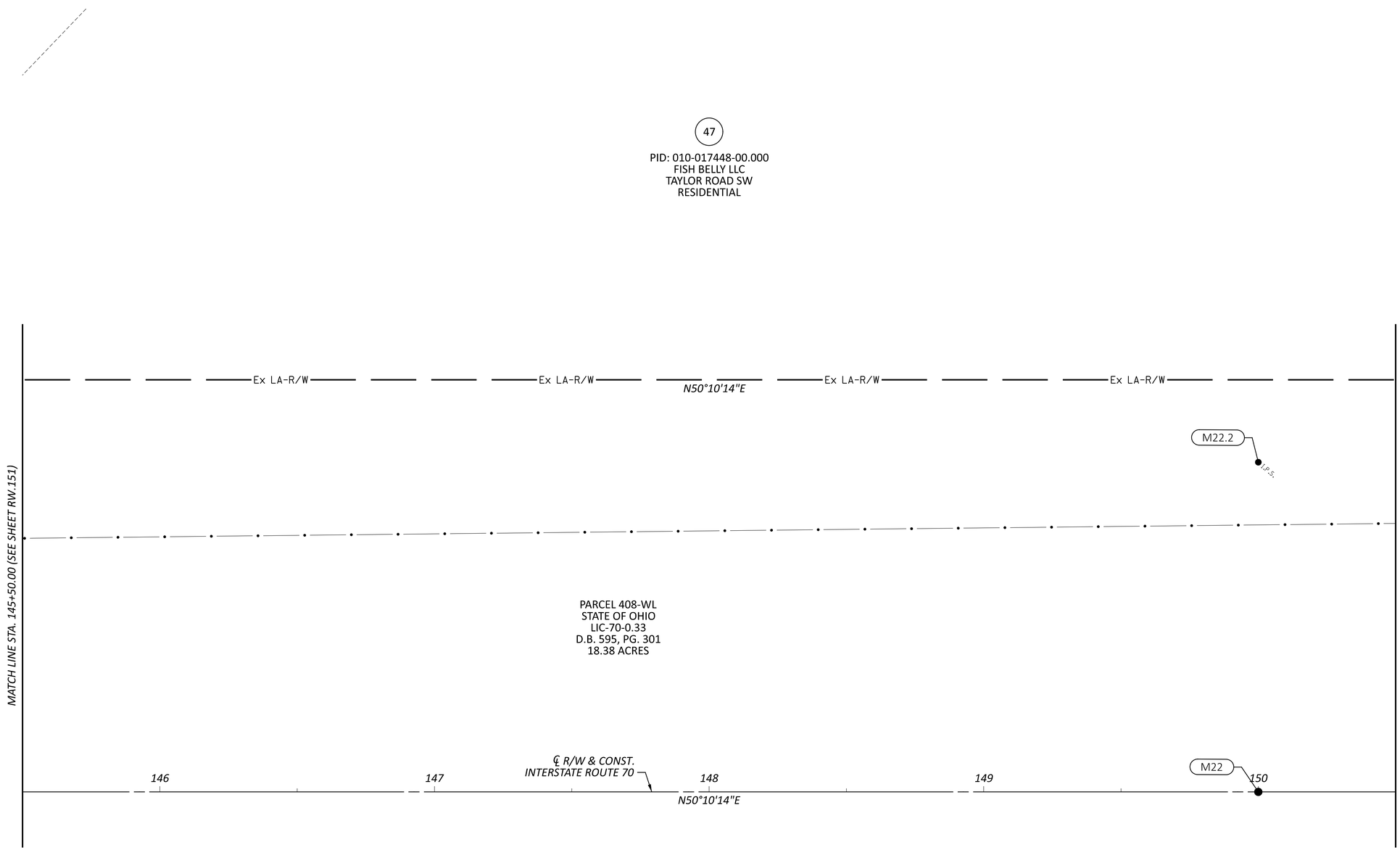
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTIONS 25 & 26, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 145+50.00 TO STA 150+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.155 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB931 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:26:03 PM USER: mmayes
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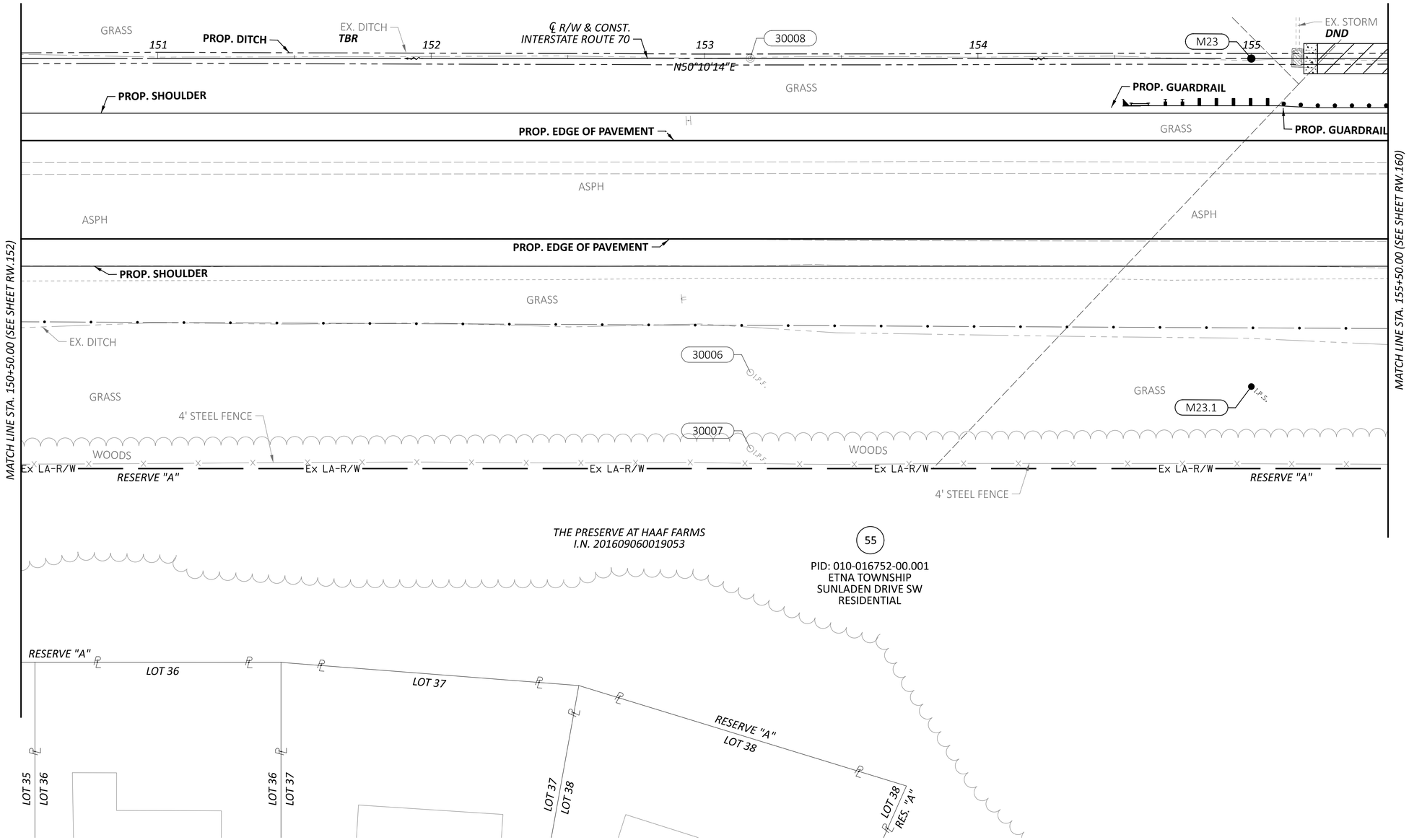
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.156 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT032 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:26:39 PM USER: mmayes
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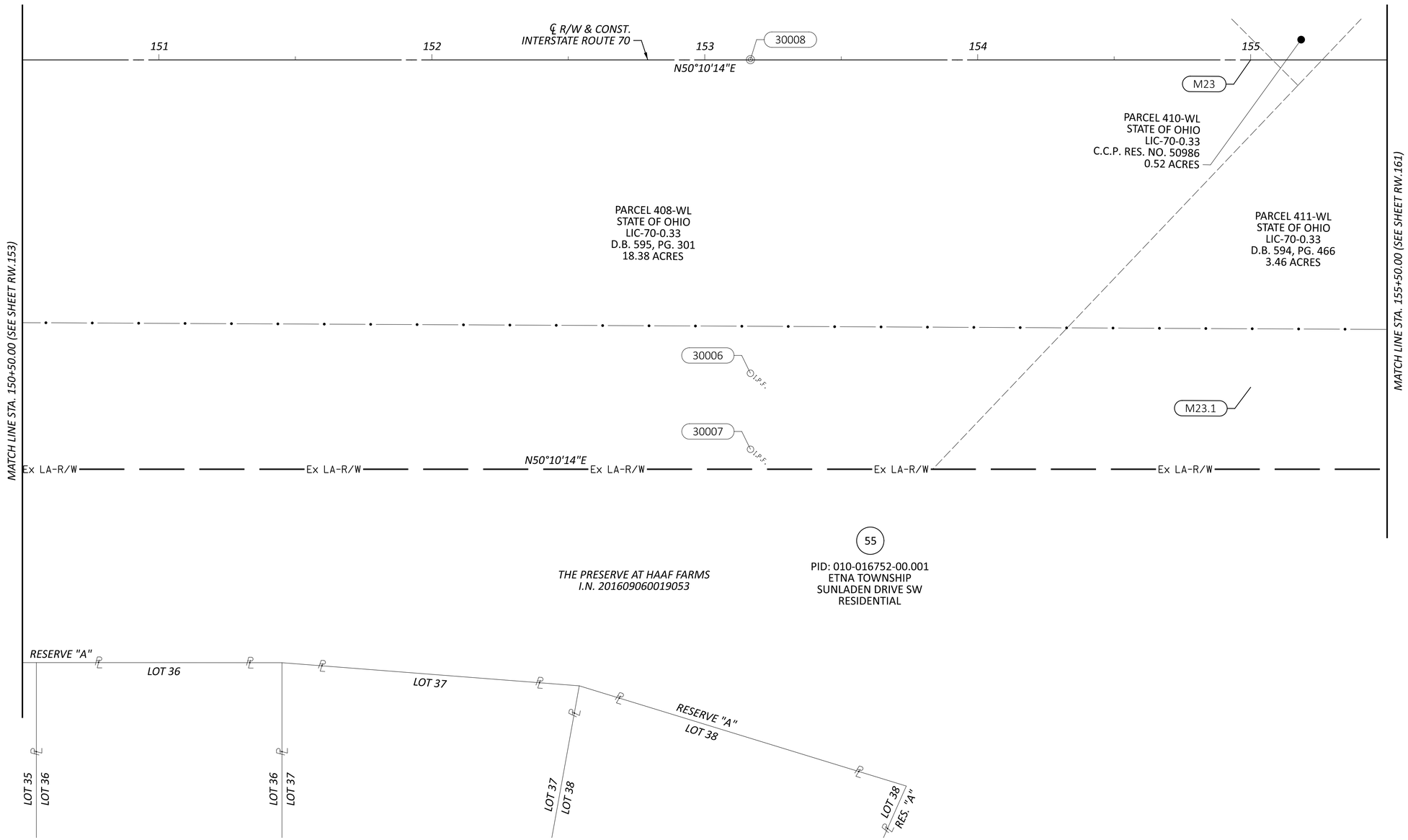
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.157 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB032 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:27:00 PM USER: mmayes
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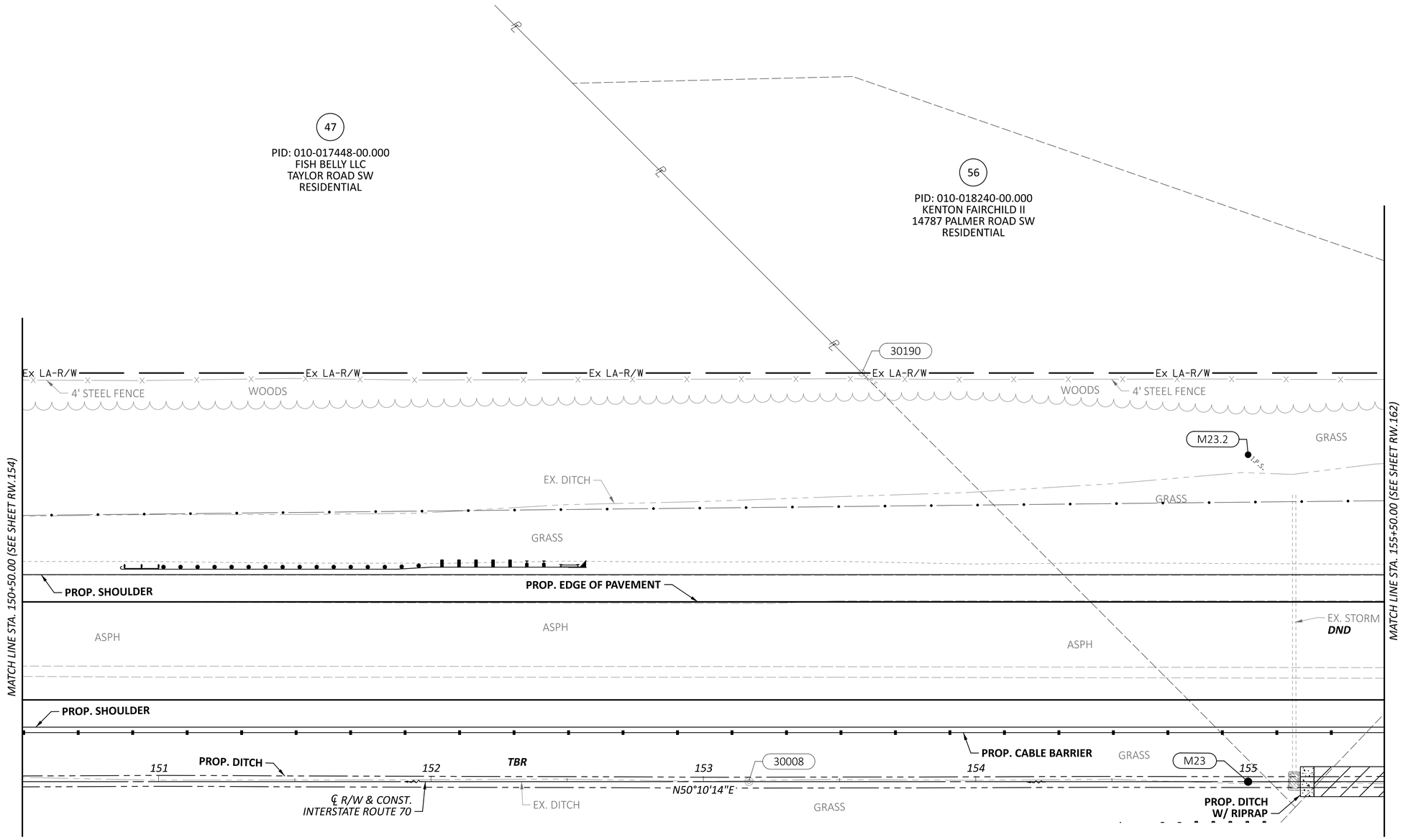
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: WEPFER STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.158 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT932 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:27:38 PM USER: mmayes
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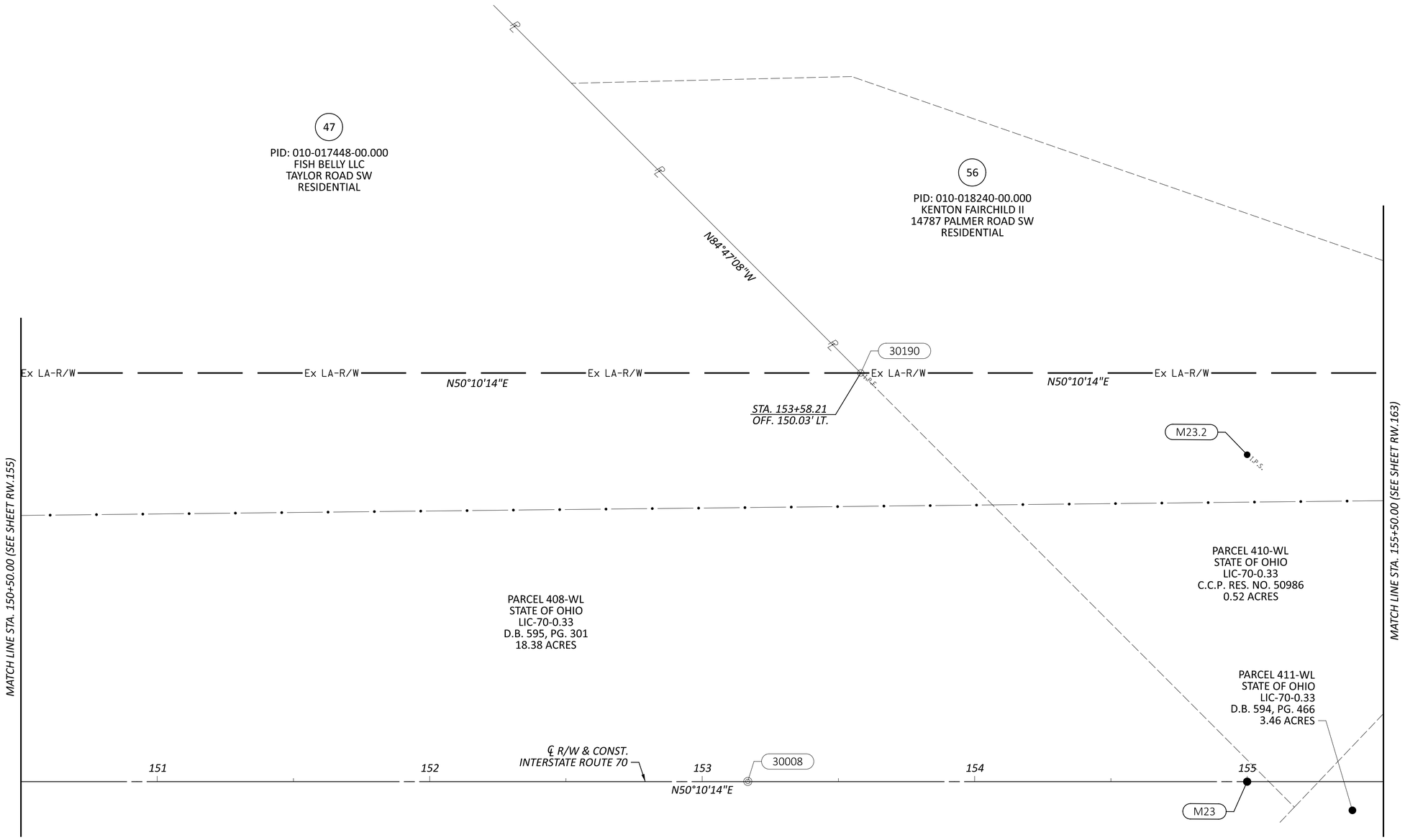
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 150+50.00 TO STA 155+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 05/23/25

PROJECT ID: 96808

SHEET: RW.159 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB932 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:27:59 PM USER: mmayes
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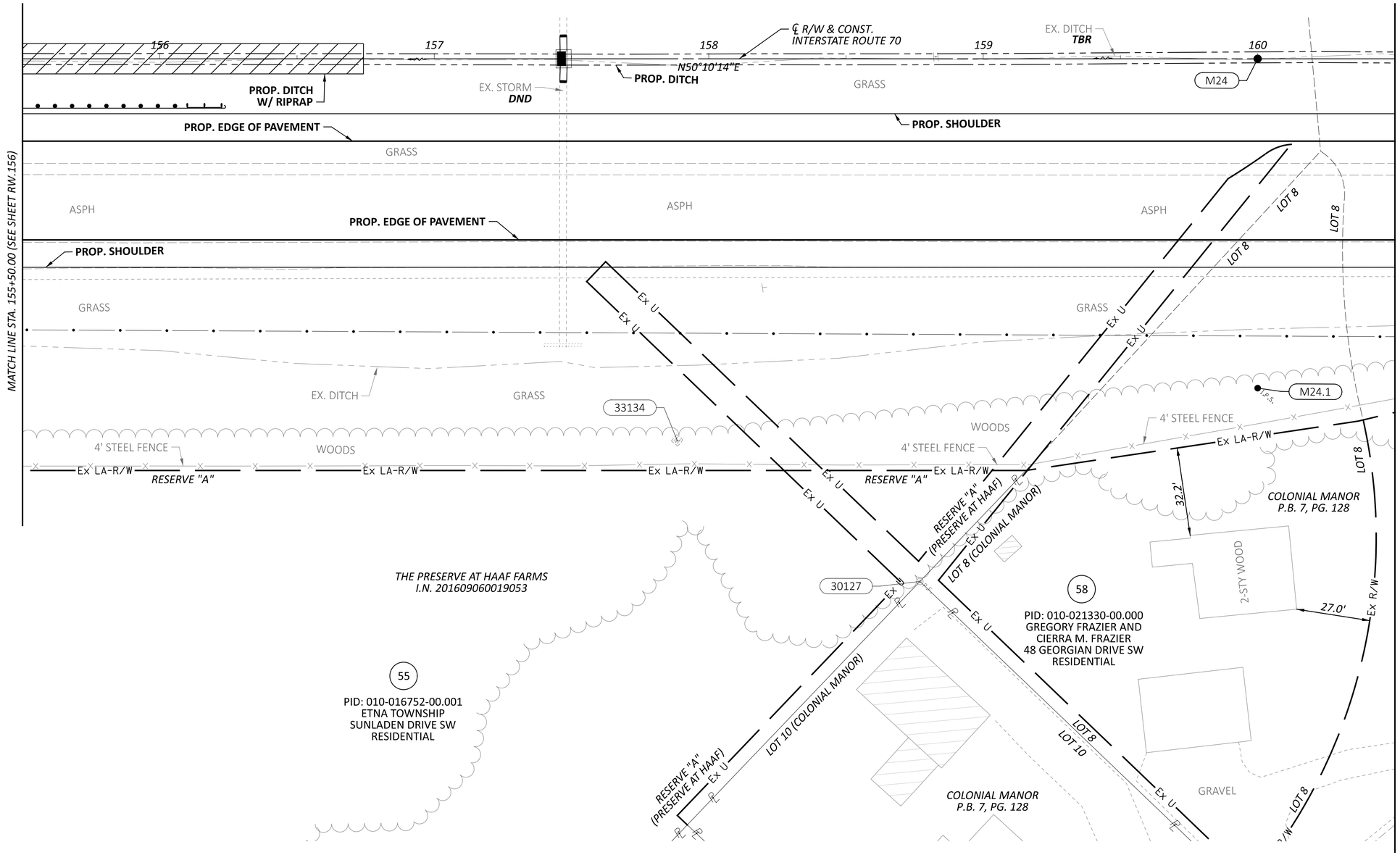
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.160 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT033 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:28:36 PM USER: mmayes
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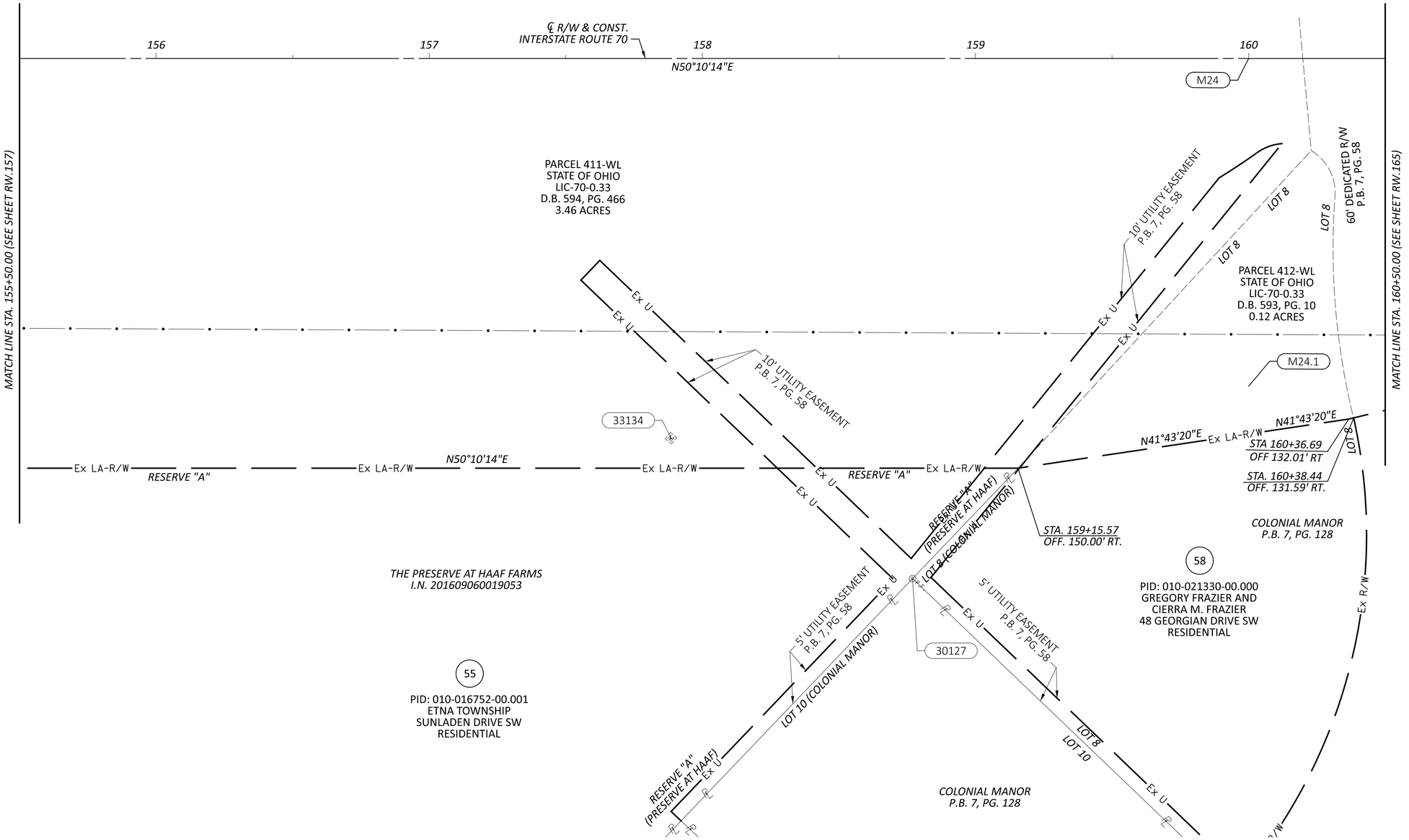
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

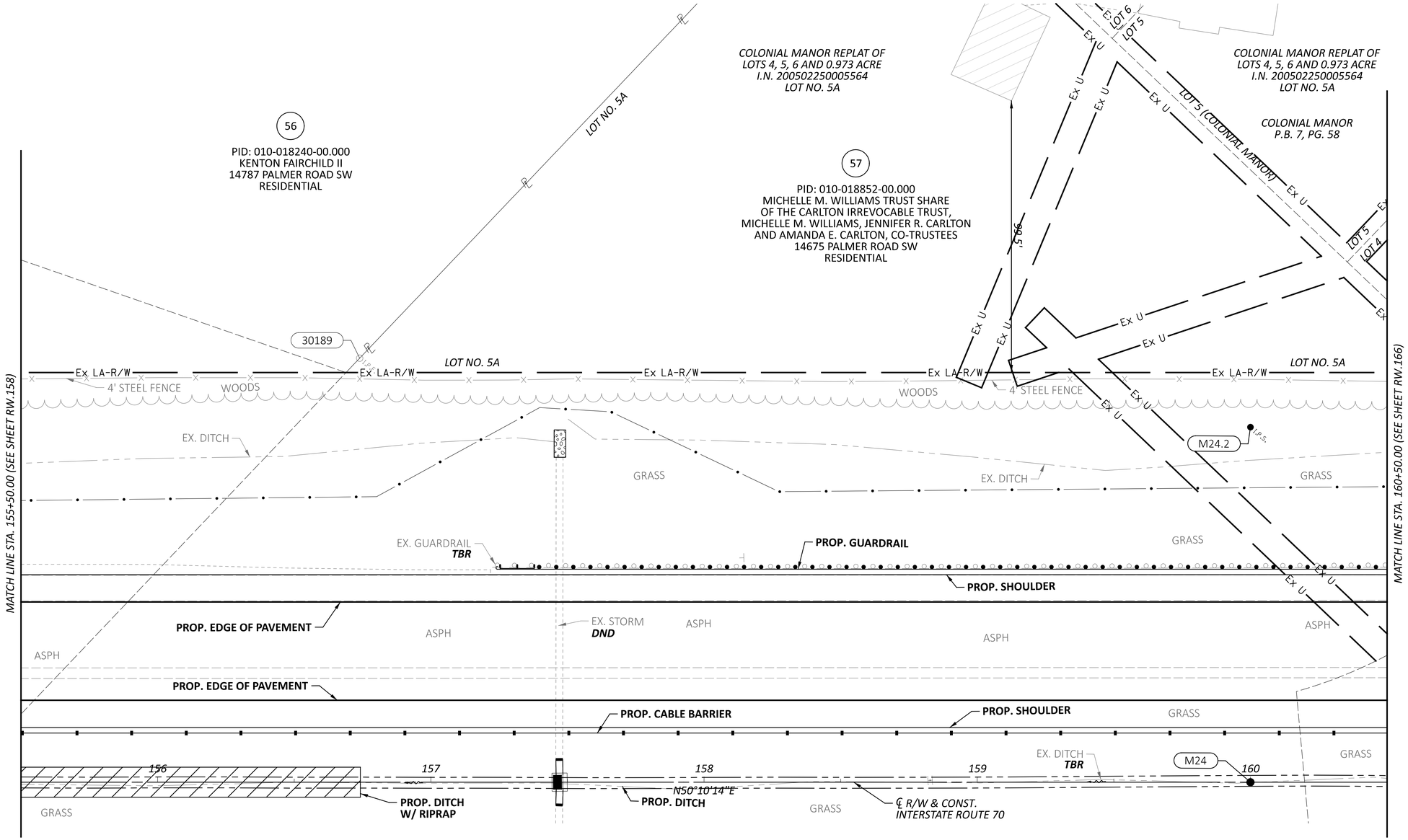
DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.161 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB033 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:28:58 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB033.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 155+50.00 TO STA 160+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.162 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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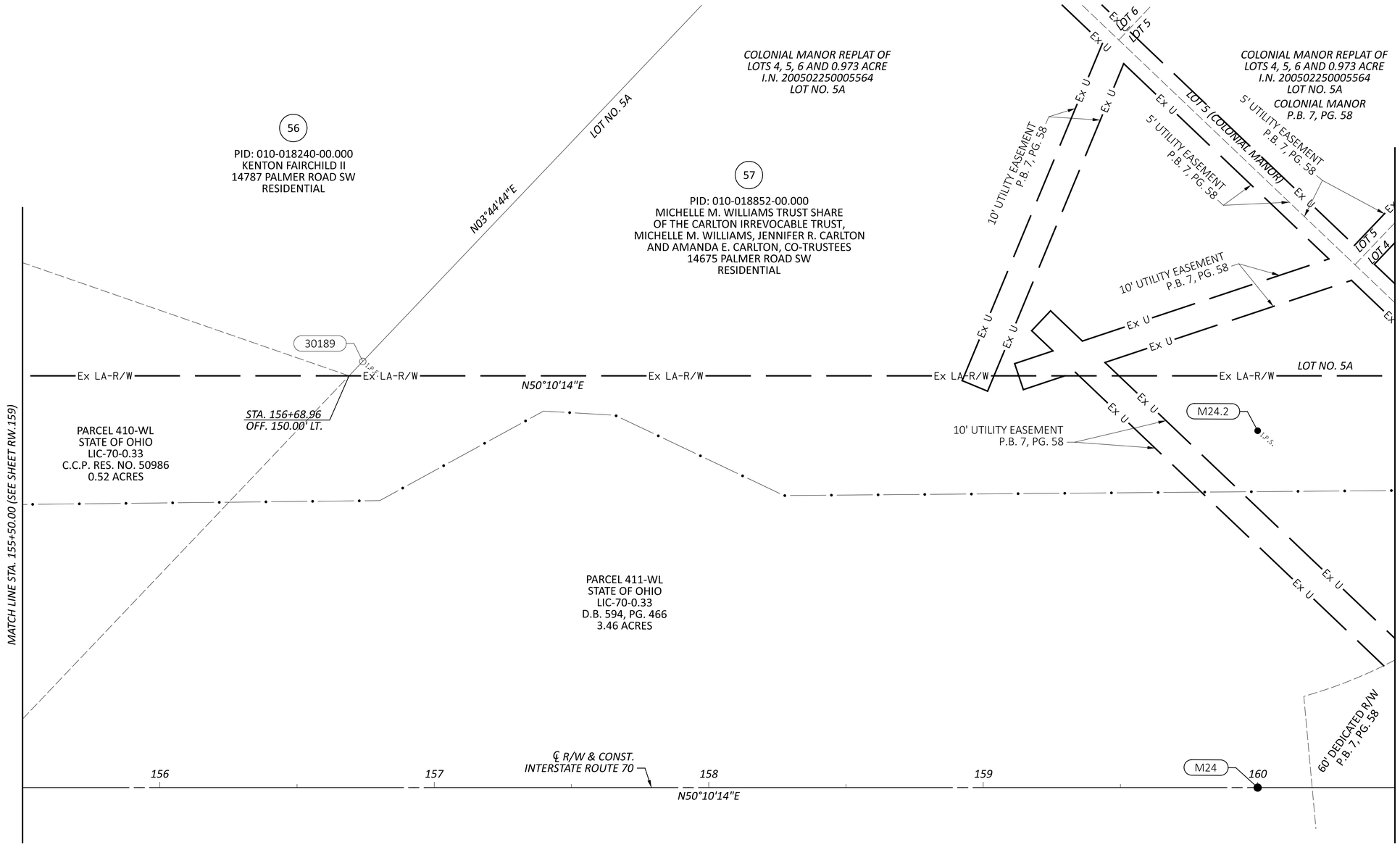
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 155+50.00 TO STA 160+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB933 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:29:56 PM USER: mmayes
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REV. BY	DATE	DESCRIPTION

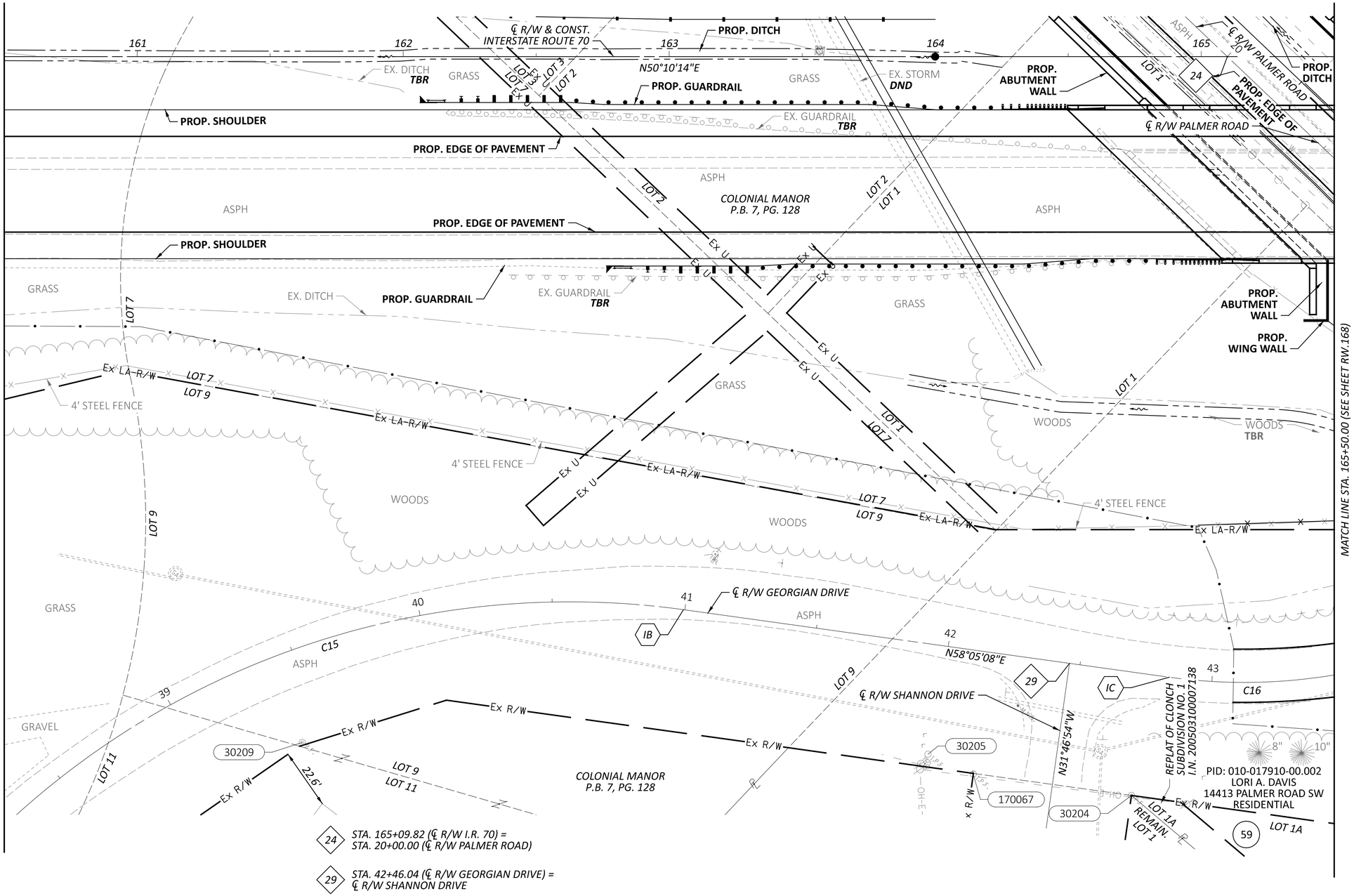
DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.163 TOTAL RW.220

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

29 STA. 42+46.04 (℄ R/W GEORGIAN DRIVE) = ℄ R/W SHANNON DRIVE

IB PT STA. 40+99.51

IC PC STA. 42+83.94

℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

℄ R/W GEORGIAN DRIVE CURVE DATA (C15)
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.70'

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 160+50.00 TO STA 165+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.164
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT034 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:30:33 PM USER: mmayes
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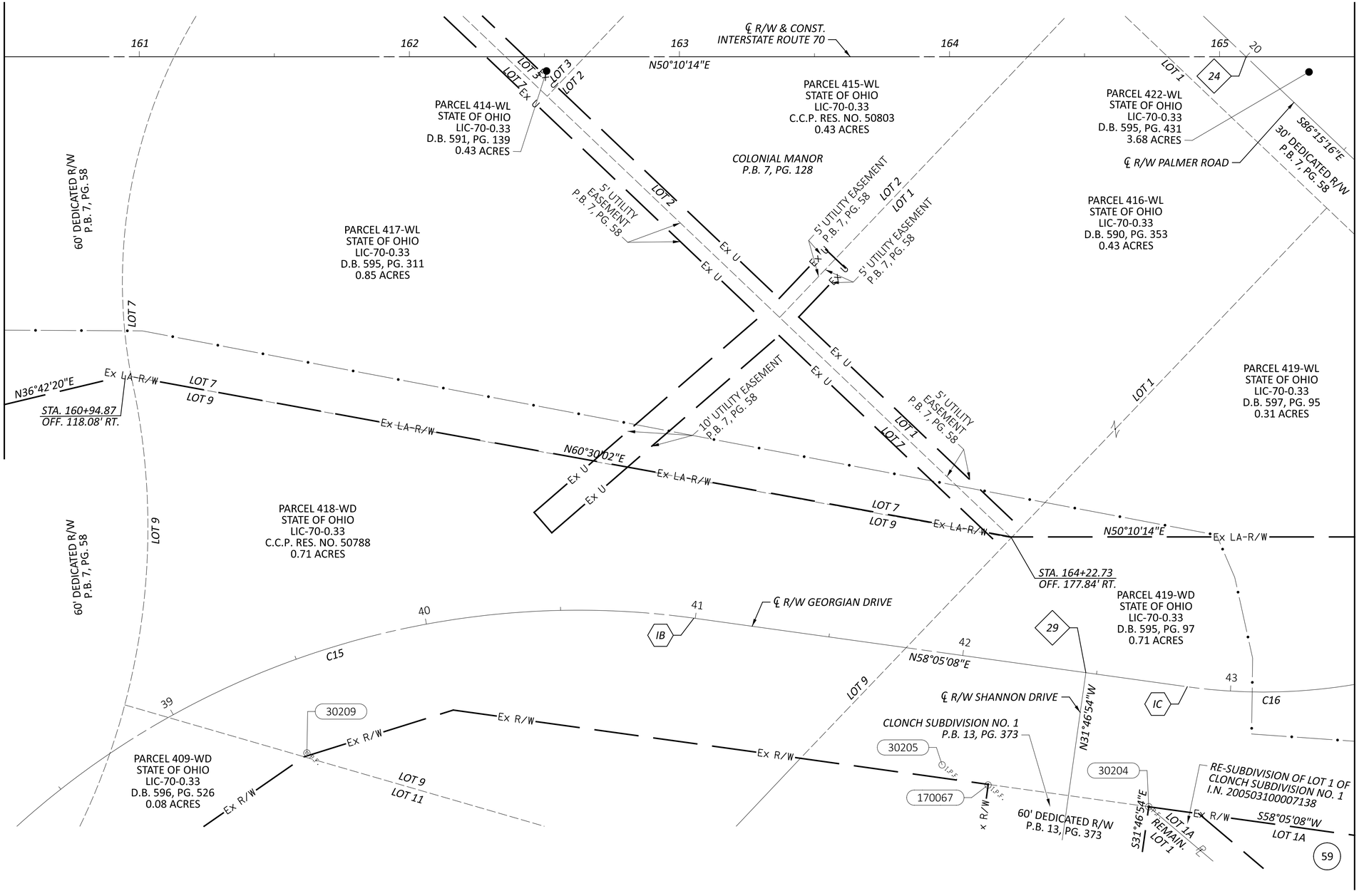
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W GEORGIAN DRIVE CURVE DATA (C15)
P.I. = STA. 39+64.33
Δ = 54°25'17" RT
Dc = 18°27'59"
R = 310.27'
T = 159.53'
L = 294.70'

℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

IB — *PT STA. 40+99.51*

IC — *PC STA. 42+83.94*

24 — *STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)*

29 — *STA. 42+46.04 (℄ R/W GEORGIAN DRIVE) = ℄ R/W SHANNON DRIVE*

59 — PID: 010-017910-00.002
LORI A. DAVIS
14413 PALMER ROAD SW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 160+50.00 TO STA 165+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB034 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:30:56 PM USER: mmayes
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DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.165 TOTAL RW.220

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

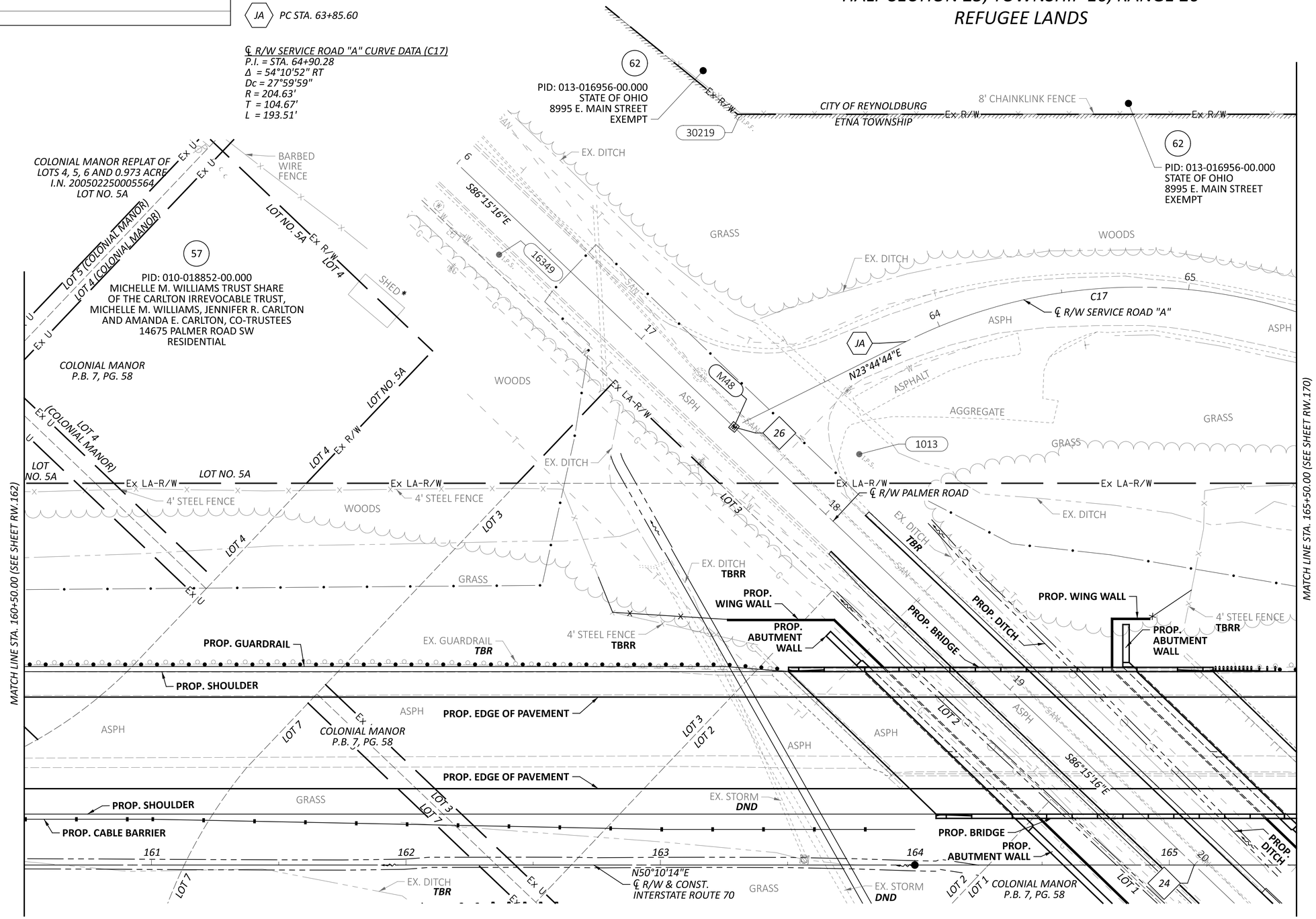
24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

26 STA. 17+50.31 (℄ R/W PALMER ROAD) = STA. 63+10.07 (℄ R/W SERVICE ROAD "A")

JA PC STA. 63+85.60

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 160+50.00 TO STA 165+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT934 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:31:33 PM USER: mmayes
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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.166
TOTAL	RW.220

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

24 STA. 165+09.82 (℄ R/W I.R. 70) = STA. 20+00.00 (℄ R/W PALMER ROAD)

26 STA. 17+50.31 (℄ R/W PALMER ROAD) = STA. 63+10.07 (℄ R/W SERVICE ROAD "A")

JA PC STA. 63+85.60

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

N89°24'30"E
Ex R/W
62
PID: 013-016956-00.000
STATE OF OHIO
8995 E. MAIN STREET
EXEMPT
30219
STA. 163+30.34
OFF. 295.00' LT.
STA. 16+66.62
OFF. 90.00' LT.
Ex R/W
S50°10'14"W
Ex R/W
62
PID: 013-016956-00.000
STATE OF OHIO
8995 E. MAIN STREET
EXEMPT

S86°15'16"E
I.P.S.
16349
30' DEDICATED R/W
P.B. 7, PG. 58
17
M48
PARCEL 422-WD
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 433
2.59 ACRES
℄ R/W SERVICE ROAD "A"
C17
65
64
JA
N23°44'44"E
26
STA. 163+52.17
OFF. 150.00' LT.
1013
I.P.S.

MATCH LINE STA. 160+50.00 (SEE SHEET RW.163)

5' UTILITY EASEMENT P.B. 7, PG. 58
Ex U
LOT 5 (COLONIAL MANOR)
LOT 4 (COLONIAL MANOR)
5' UTILITY EASEMENT P.B. 7, PG. 58
Ex U
LOT NO. 5A
N86°15'16"W
Ex R/W
LOT 4
57
PID: 010-018852-00.000
MICHELLE M. WILLIAMS TRUST SHARE
OF THE CARLTON IRREVOCABLE TRUST,
MICHELLE M. WILLIAMS, JENNIFER R. CARLTON
AND AMANDA E. CARLTON, CO-TRUSTEES
14675 PALMER ROAD SW
RESIDENTIAL
STA. 162+10.42
OFF. 202.04' LT.
STA. 16+43.82
OFF. 60.00' RT.
COLONIAL MANOR
P.B. 7, PG. 58
5' UTILITY EASEMENT P.B. 7, PG. 58
LOT 4 (COLONIAL MANOR)
LOT NO. 5A
LOT 4
S03°44'44"W
LOT NO. 5A
Ex R/W
60' DEDICATED R/W
P.B. 7, PG. 58
STA. 162+81.46
OFF. 189.67' LT.
STA. 17+03.82
OFF. 20.00' RT.
Ex LA-R/W
N86°15'16"E
N03°44'44"E
STA. 163+23.15
OFF. 150.00' LT.
STA. 17+61.37
OFF. 20.00' RT.
LOT 3
18
℄ R/W PALMER ROAD
MATCH LINE STA. 165+50.00 (SEE SHEET RW.171)

LOT NO. 5A
Ex LA-R/W
LOT NO. 5A
PARCEL 413-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 464
0.04 ACRES
Ex LA-R/W
N50°10'14"E
Ex LA-R/W
N50°10'14"E
STA. 161+60.91
OFF. 150.00' LT.
STA. 16+43.82
OFF. 131.84' RT.
STA. 162+43.72
OFF. 150.00' LT.
STA. 17+03.82
OFF. 74.75' RT.
5' UTILITY EASEMENT P.B. 7, PG. 58
LOT 4
Ex U
LOT 3
LOT 3
PARCEL 411-WL
STATE OF OHIO
LIC-70-0.33
D.B. 594, PG. 466
3.46 ACRES
COLONIAL MANOR
P.B. 7, PG. 58
PARCEL 414-WL
STATE OF OHIO
LIC-70-0.33
D.B. 591, PG. 139
0.43 ACRES
PARCEL 416-WL
STATE OF OHIO
LIC-70-0.33
D.B. 590, PG. 353
0.43 ACRES
19
30' DEDICATED R/W
P.B. 7, PG. 58
S86°15'16"E
60' DEDICATED R/W
P.B. 7, PG. 58
LOT 7
5' UTILITY EASEMENT P.B. 7, PG. 58
Ex U
5' UTILITY EASEMENT P.B. 7, PG. 58
LOT 3
LOT 7
LOT 3
LOT 2
PARCEL 415-WL
STATE OF OHIO
LIC-70-0.33
C.C.P. RES. NO. 50803
0.43 ACRES
PARCEL 417-WL
STATE OF OHIO
LIC-70-0.33
D.B. 595, PG. 311
0.85 ACRES
PARCEL 416-WL
STATE OF OHIO
LIC-70-0.33
D.B. 590, PG. 353
0.43 ACRES
161
162
163
164
165
20
N50°10'14"E
℄ R/W & CONST.
INTERSTATE ROUTE 70
LOT 7
Ex U
LOT 2
LOT 1
COLONIAL MANOR
P.B. 7, PG. 58
LOT 1
24

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 160+50.00 TO STA 165+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.
DESIGNER
JBY
REVIEWER
MJW 05/23/25
PROJECT ID
96808
SHEET RW.167
TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB934 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:31:56 PM USER: mmayes
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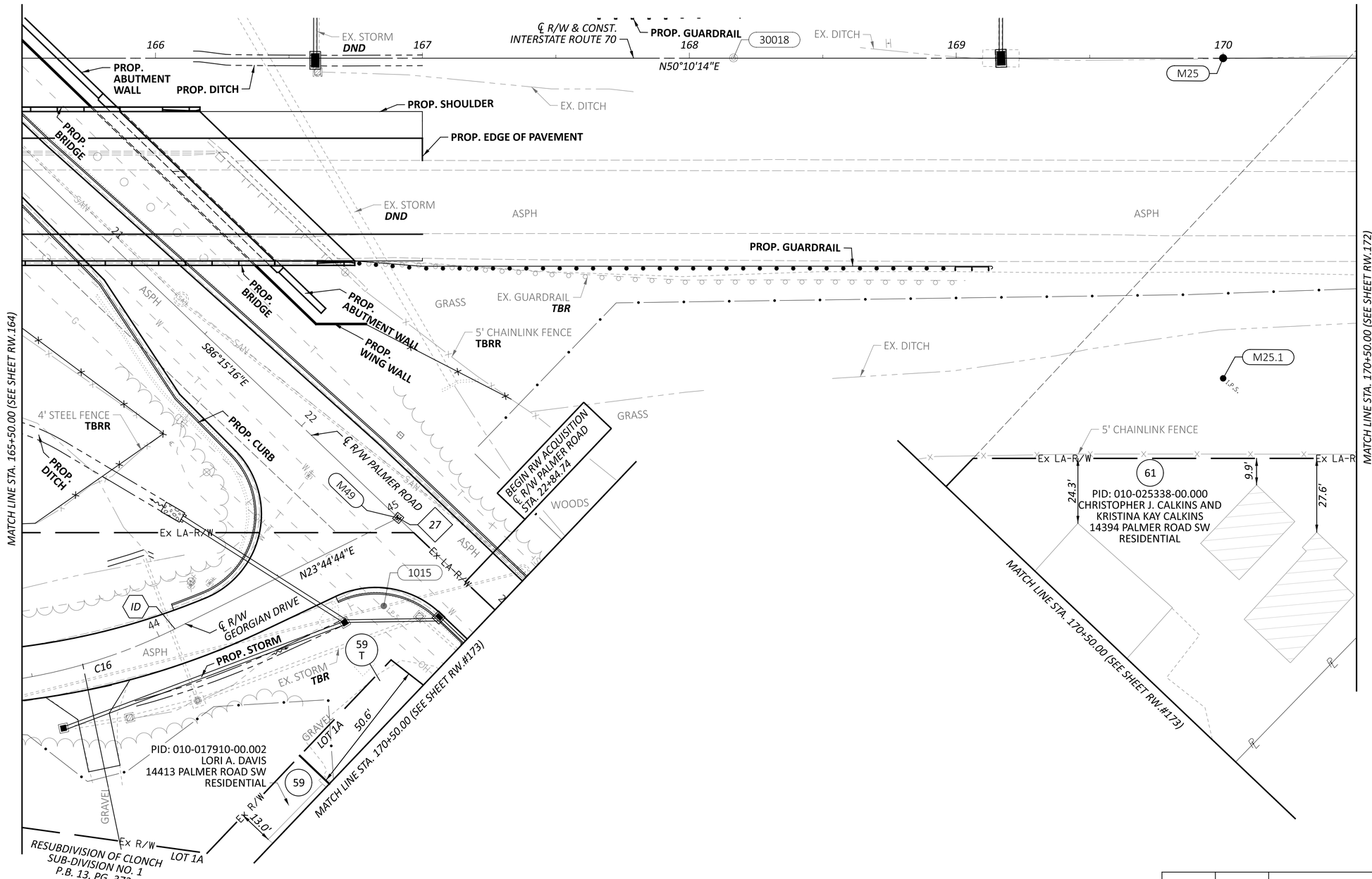
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ *R/W GEORGIAN DRIVE CURVE DATA (C16)*
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

27 *STA. 22+50.00 (℄ R/W PALMER ROAD) = STA. 45+00.00 (℄ R/W GEORGIAN DRIVE)*

ID *PT STA. 44+06.59*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 165+50.00 TO STA 170+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.168 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT035 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:32:32 PM USER: mmayes
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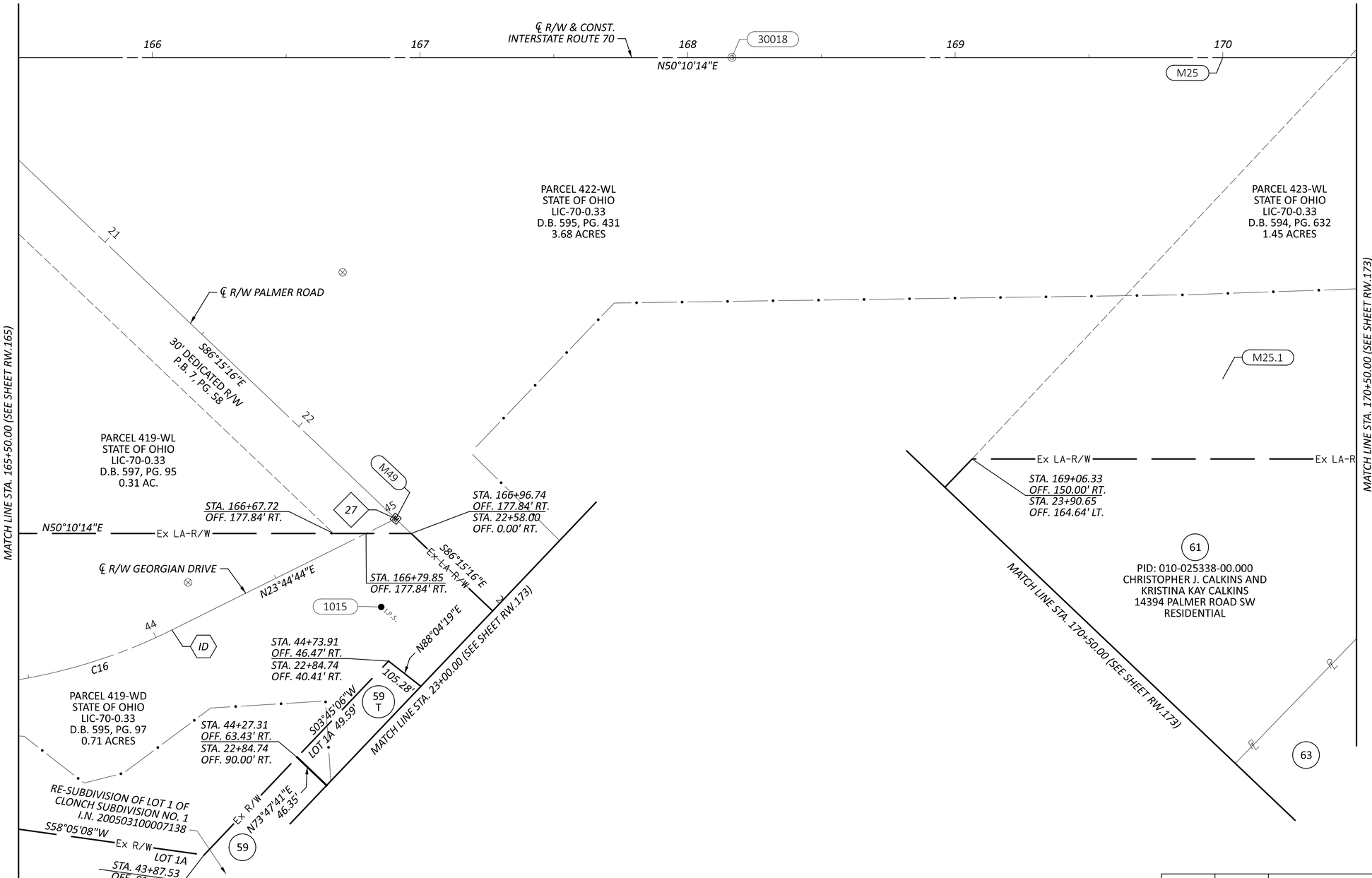
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W GEORGIAN DRIVE CURVE DATA (C16)
P.I. = STA. 43+47.17
Δ = 34°20'24" LT
Dc = 27°59'59"
R = 204.63'
T = 63.23'
L = 122.64'

27 STA. 22+50.00 (℄ R/W PALMER ROAD) = STA. 45+00.00 (℄ R/W GEORGIAN DRIVE)

ID PT STA. 44+06.59

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 165+50.00 TO STA 170+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.169 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB035 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:32:57 PM USER: mmayes
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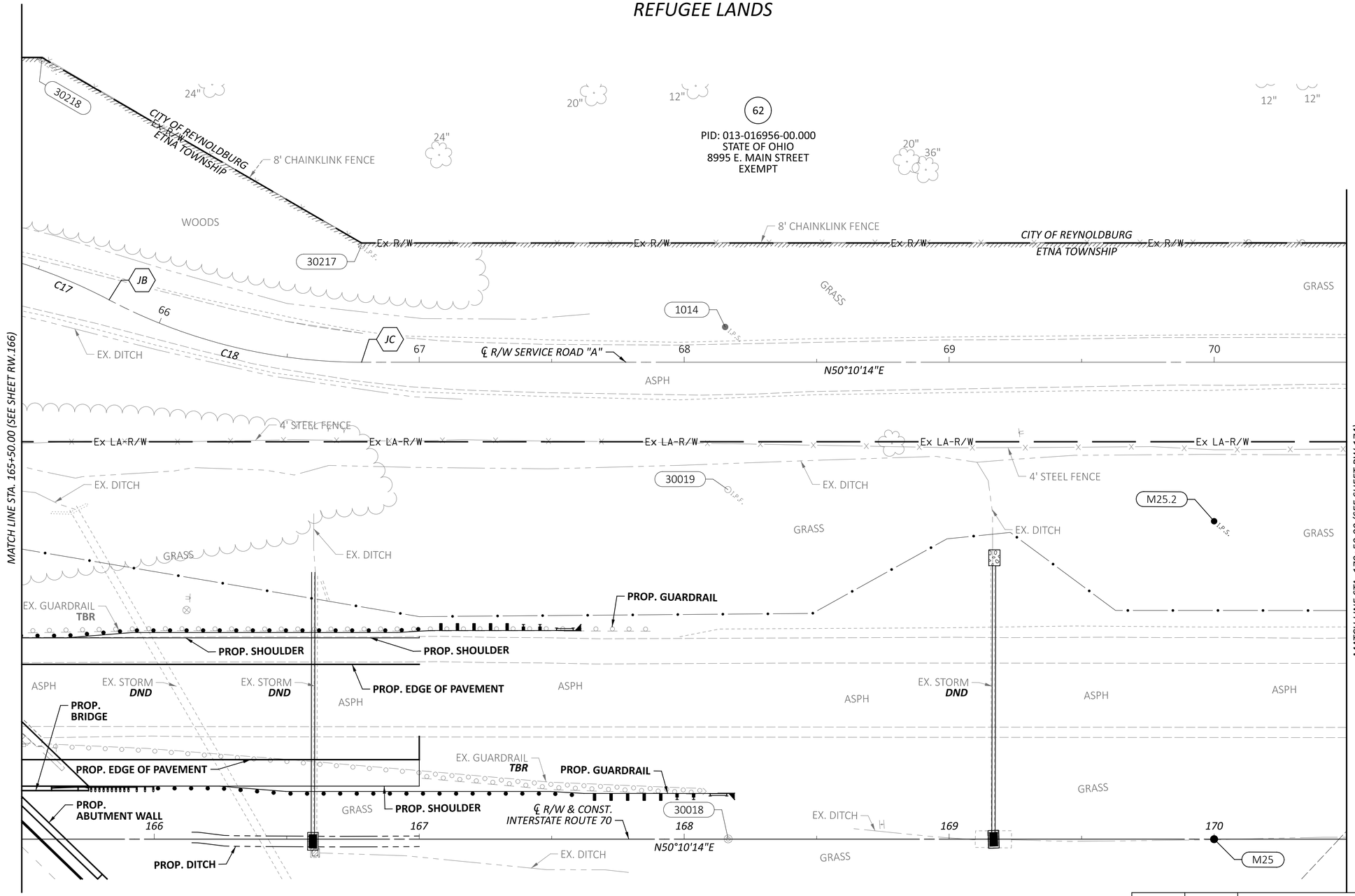
JB PRC STA. 65+79.11

JC PT STA. 66+78.24

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

℄ R/W SERVICE ROAD "A" CURVE DATA (C18)
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 165+50.00 TO STA 170+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT935 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:33:34 PM USER: mmayes
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

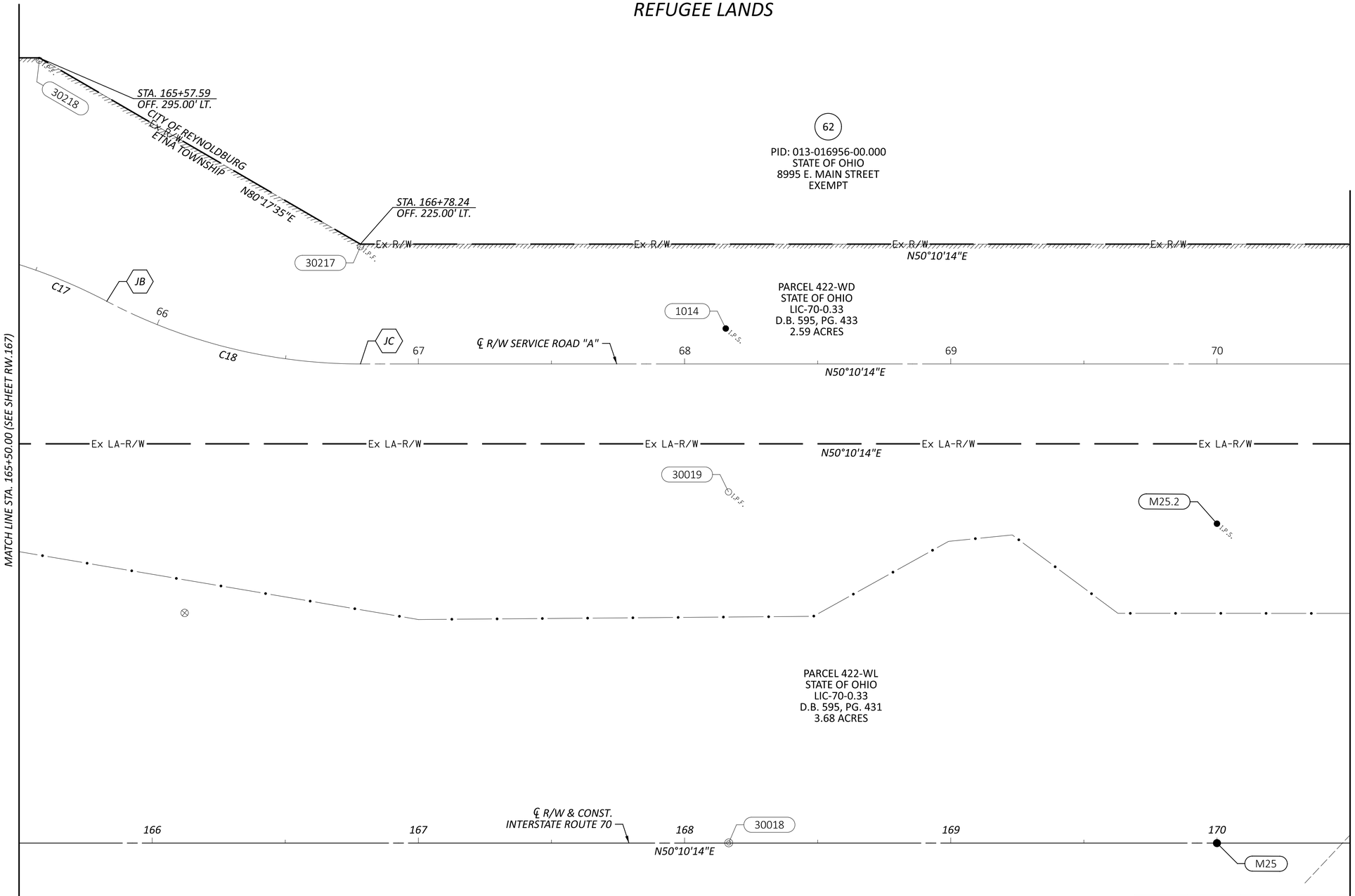
DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.170 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 165+50.00 TO STA 170+50.00

℄ R/W SERVICE ROAD "A" CURVE DATA (C17)
P.I. = STA. 64+90.28
Δ = 54°10'52" RT
Dc = 27°59'59"
R = 204.63'
T = 104.67'
L = 193.51'

℄ R/W SERVICE ROAD "A" CURVE DATA (C18)
P.I. = STA. 66+29.67
Δ = 27°45'22" LT
Dc = 27°59'59"
R = 204.63'
T = 50.56'
L = 99.13'

JB — *PRC STA. 65+79.11*

JC — *PT STA. 66+78.24*

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WEPFER STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.171 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB935 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:33:58 PM USER: mmayes
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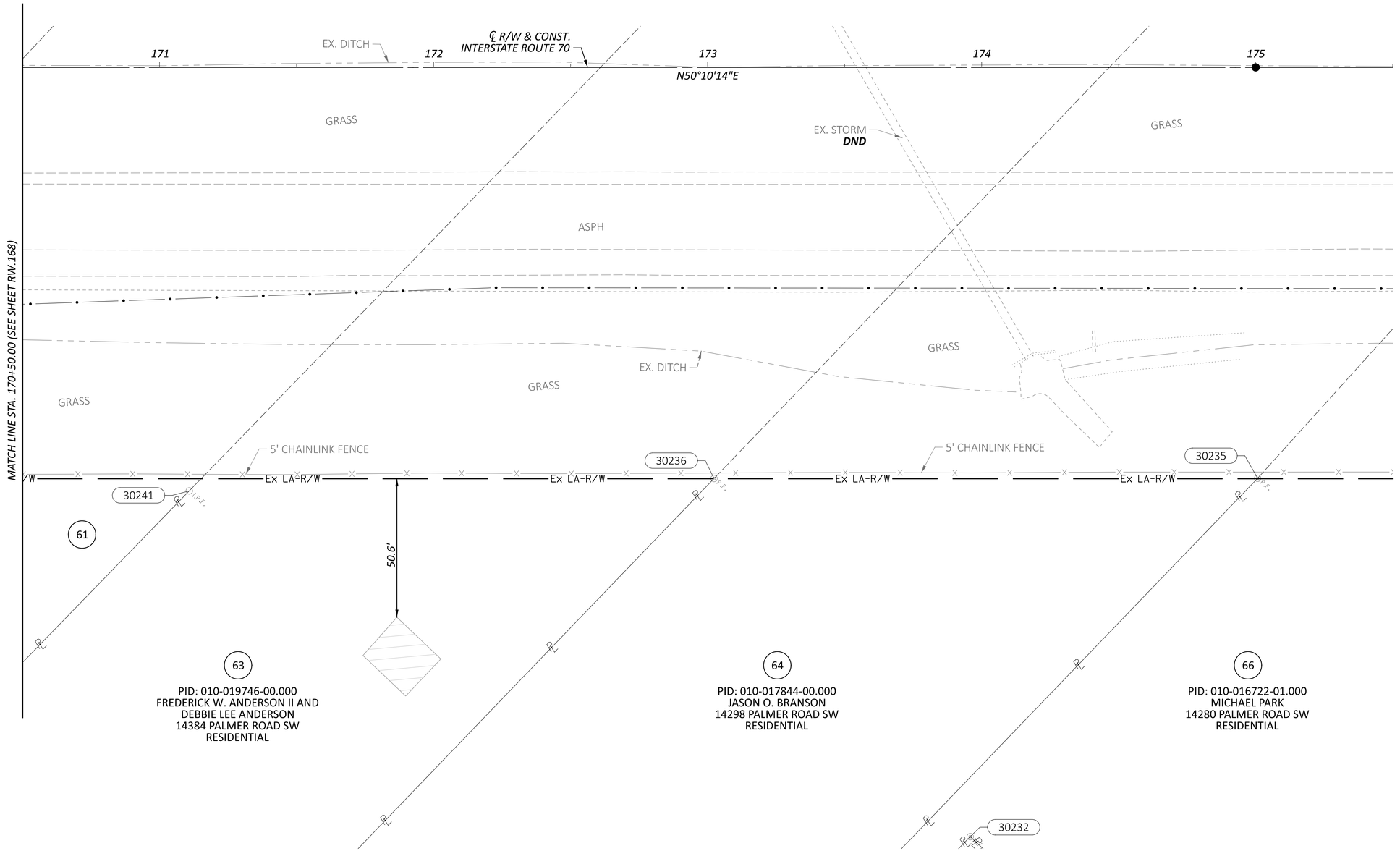
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PID: 010-019746-00.000
FREDERICK W. ANDERSON II AND
DEBBIE LEE ANDERSON
14384 PALMER ROAD SW
RESIDENTIAL

PID: 010-017844-00.000
JASON O. BRANSON
14298 PALMER ROAD SW
RESIDENTIAL

PID: 010-016722-01.000
MICHAEL PARK
14280 PALMER ROAD SW
RESIDENTIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 EB
STA 170+50.00 TO STA 175+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

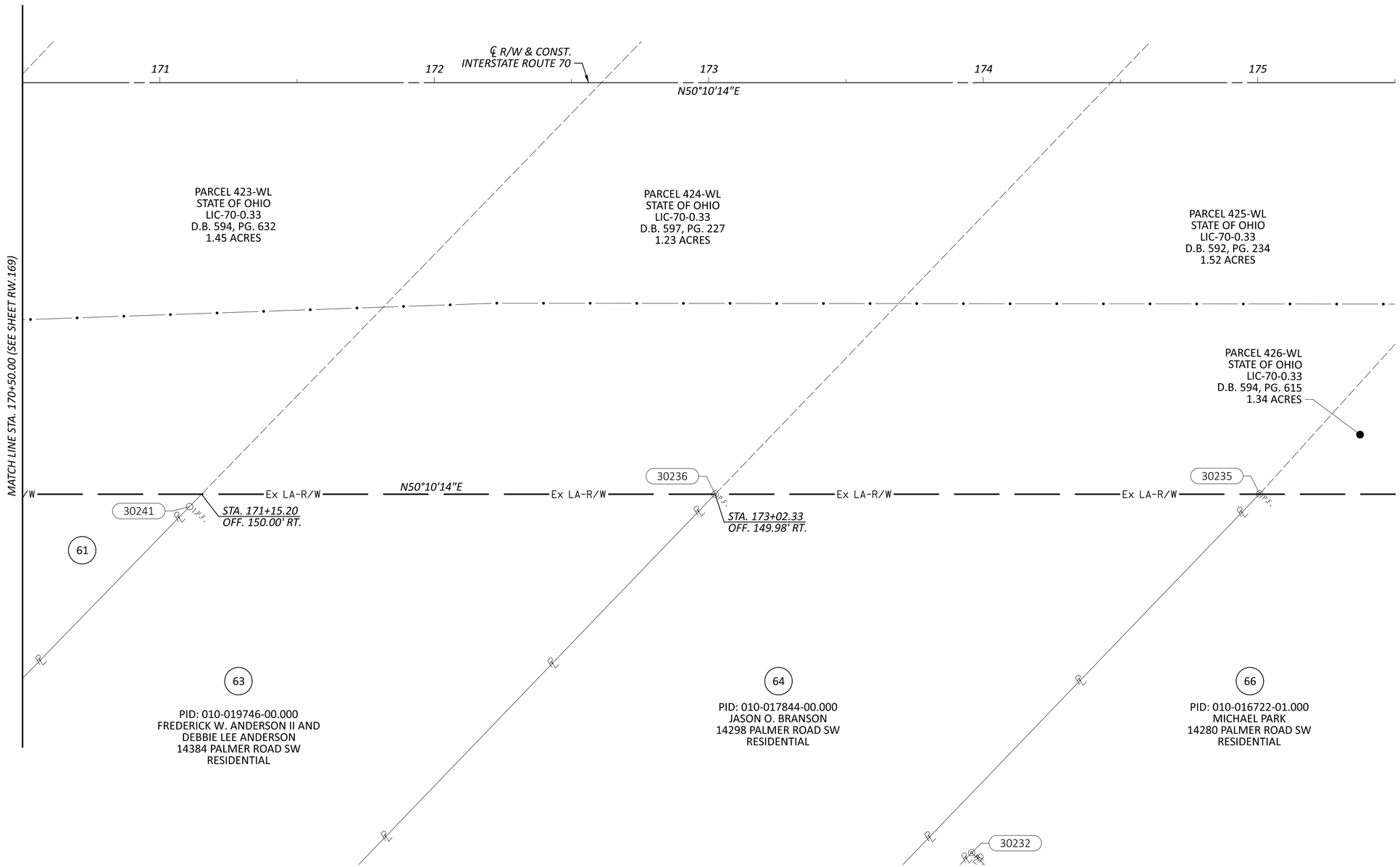
DESIGN AGENCY
MICHAEL BAKER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.172 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT036 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:34:35 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT036.dgn

LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 EB
STA 170+50.00 TO STA 175+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.173 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB036 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:34:56 PM USER: mmayes
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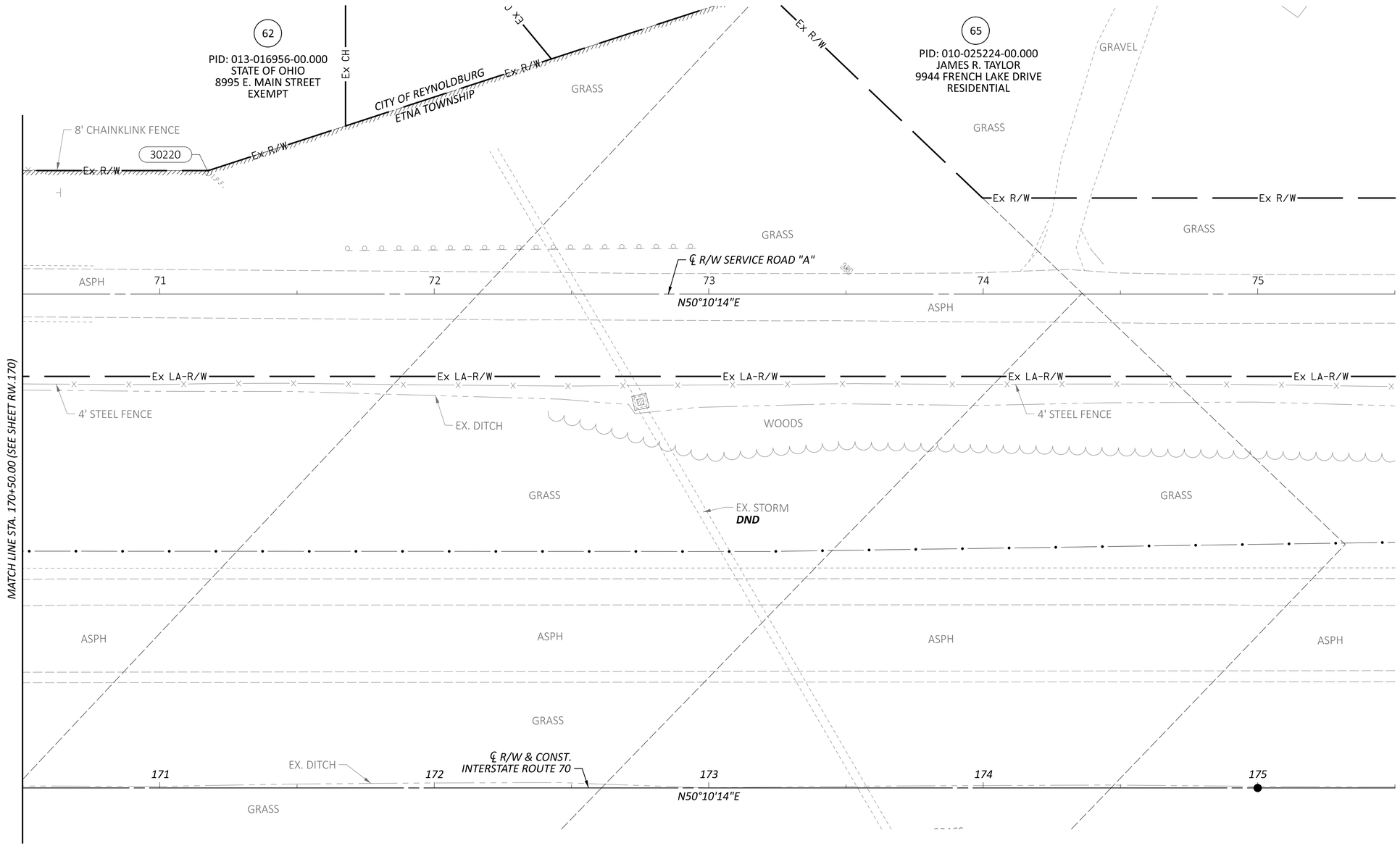
LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - IR 70 WB
STA 170+50.00 TO STA 175+50.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT936 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:35:32 PM USER: mmayes
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REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT INC.

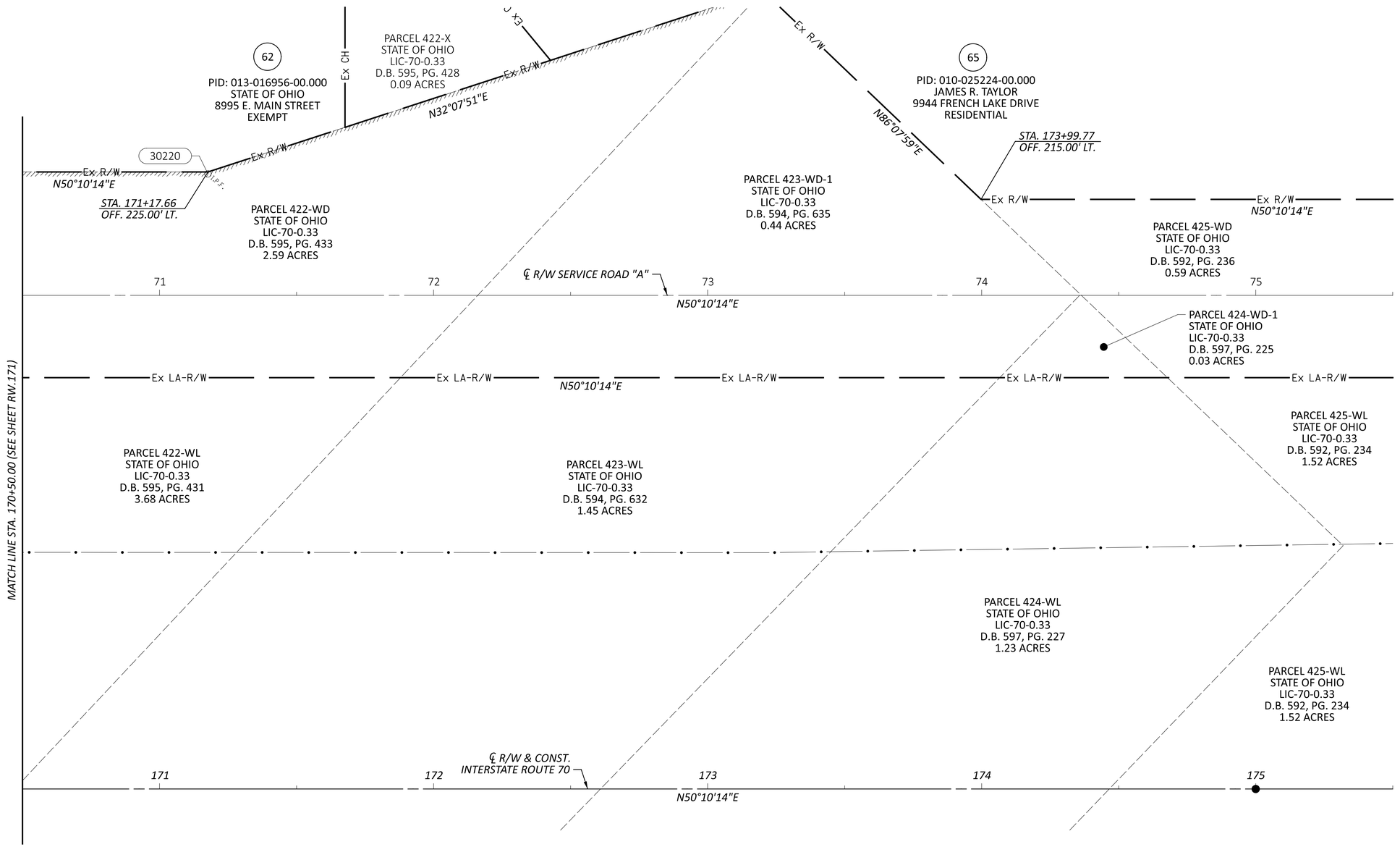
DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.174 TOTAL RW.220

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTION 25, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - IR 70 WB
STA 170+50.00 TO STA 175+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.175 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB936 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:35:52 PM USER: mmayes
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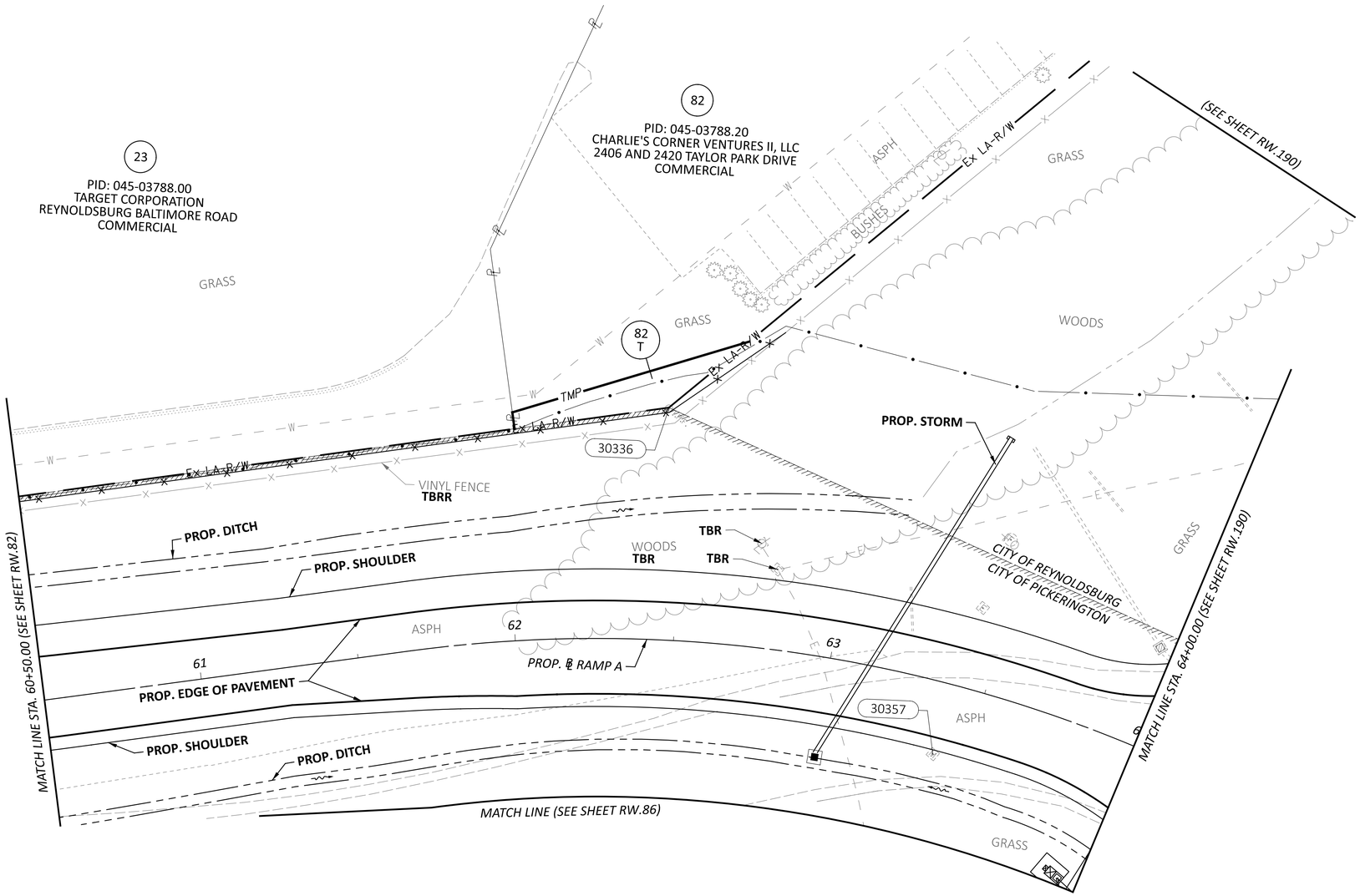
FAIRFIELD COUNTY
CITY OF REYNOLDSBURG, CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP A
STA 60+50.00 TO STA 64+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.176 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT301 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:36:29 PM USER: mmayes
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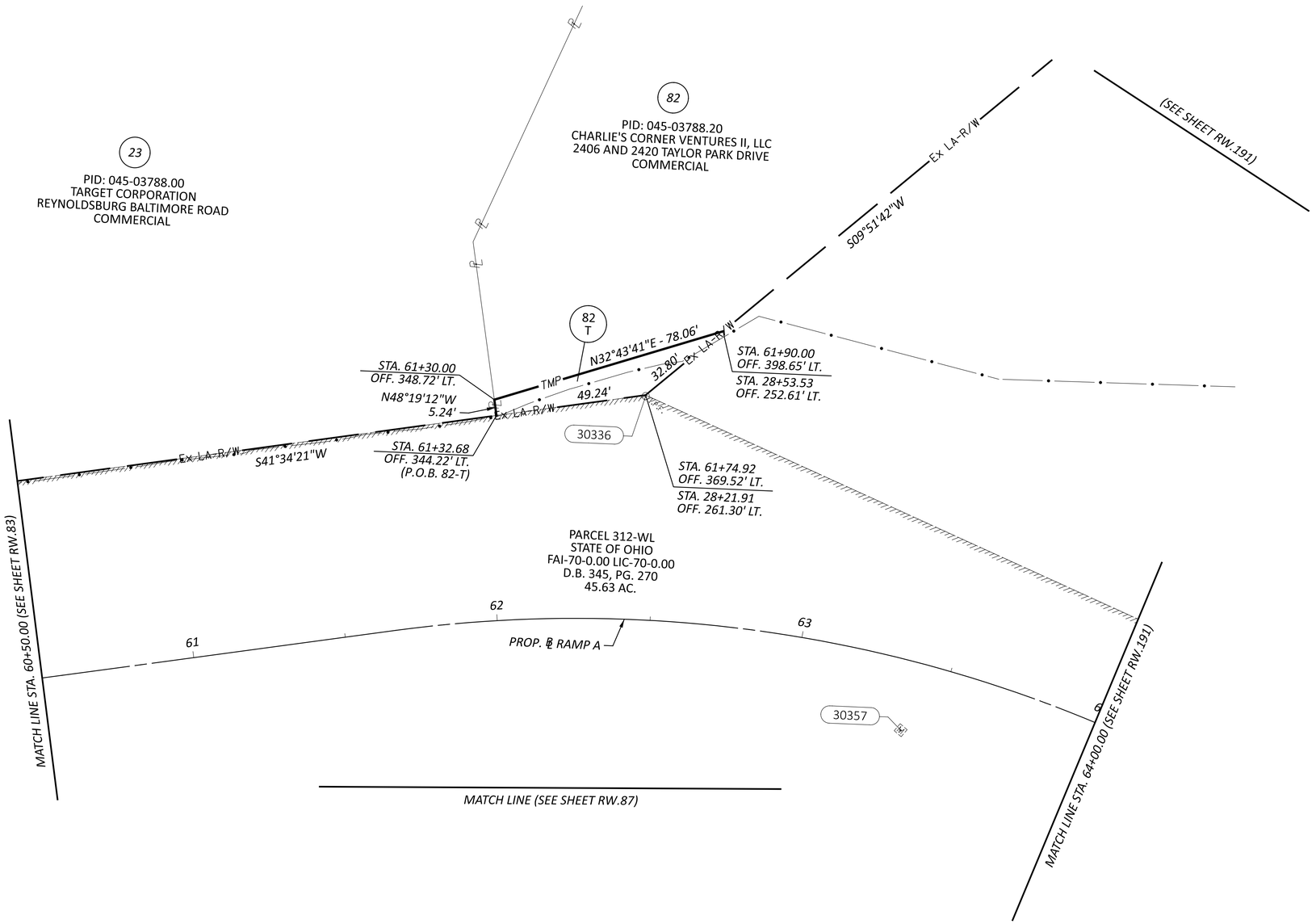
FAIRFIELD COUNTY
CITY OF REYNOLDSBURG, CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP A
STA 60+50.00 TO STA 64+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB301 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:36:52 PM USER: mmayes
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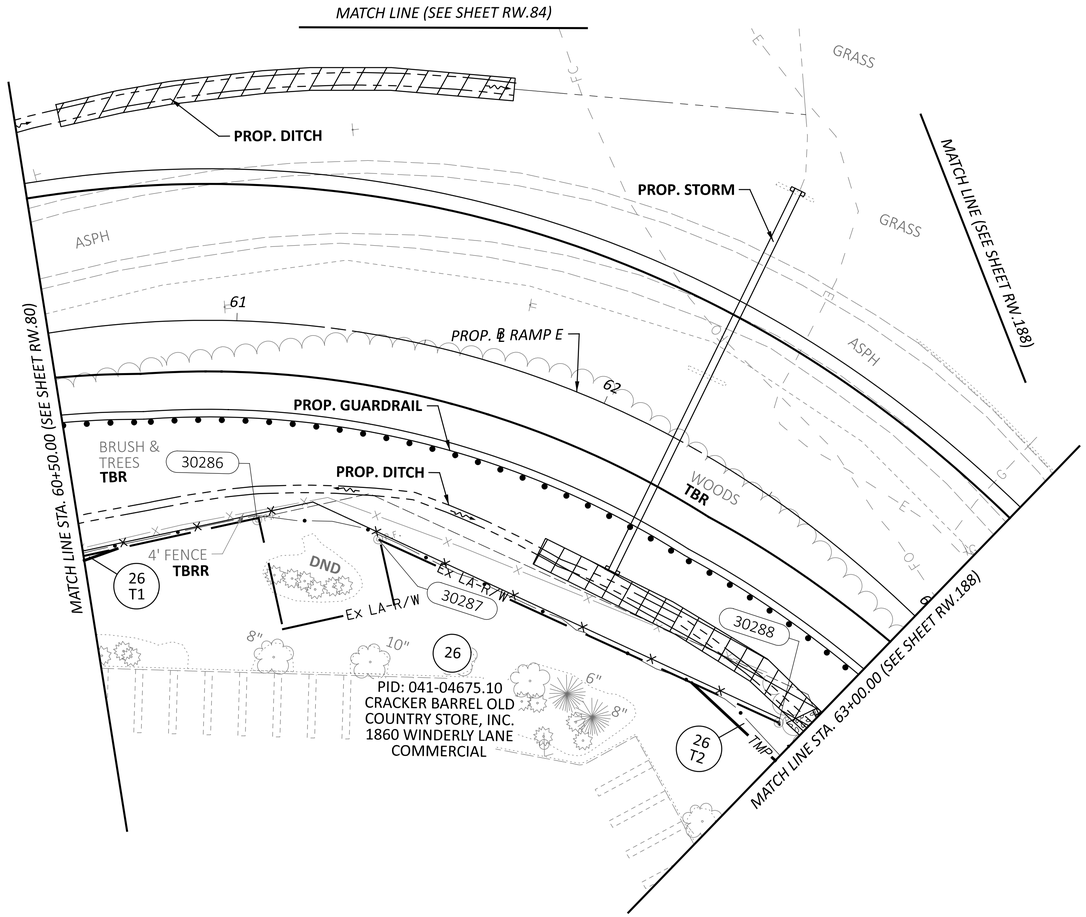
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.177 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP E
STA 60+50.00 TO STA 63+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.178 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT305 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:37:28 PM USER: mmayes
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FAI/LIC-IR 70-0.00/0.00

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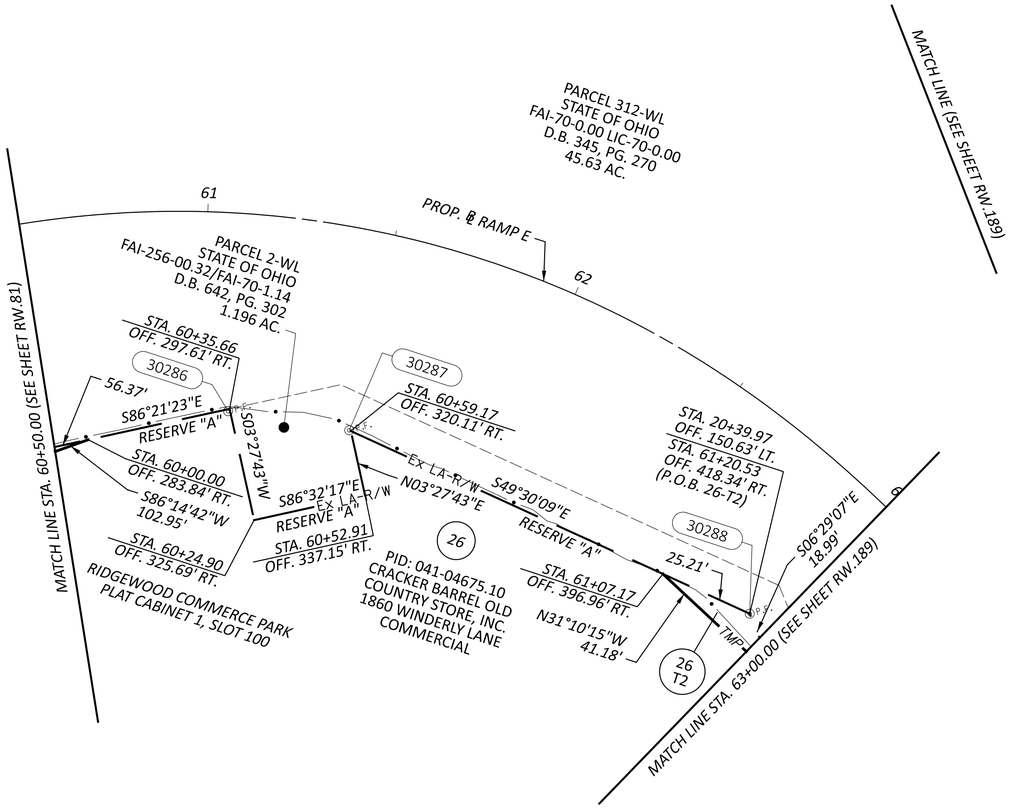
FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP E
STA 60+50.00 TO STA 63+00.00

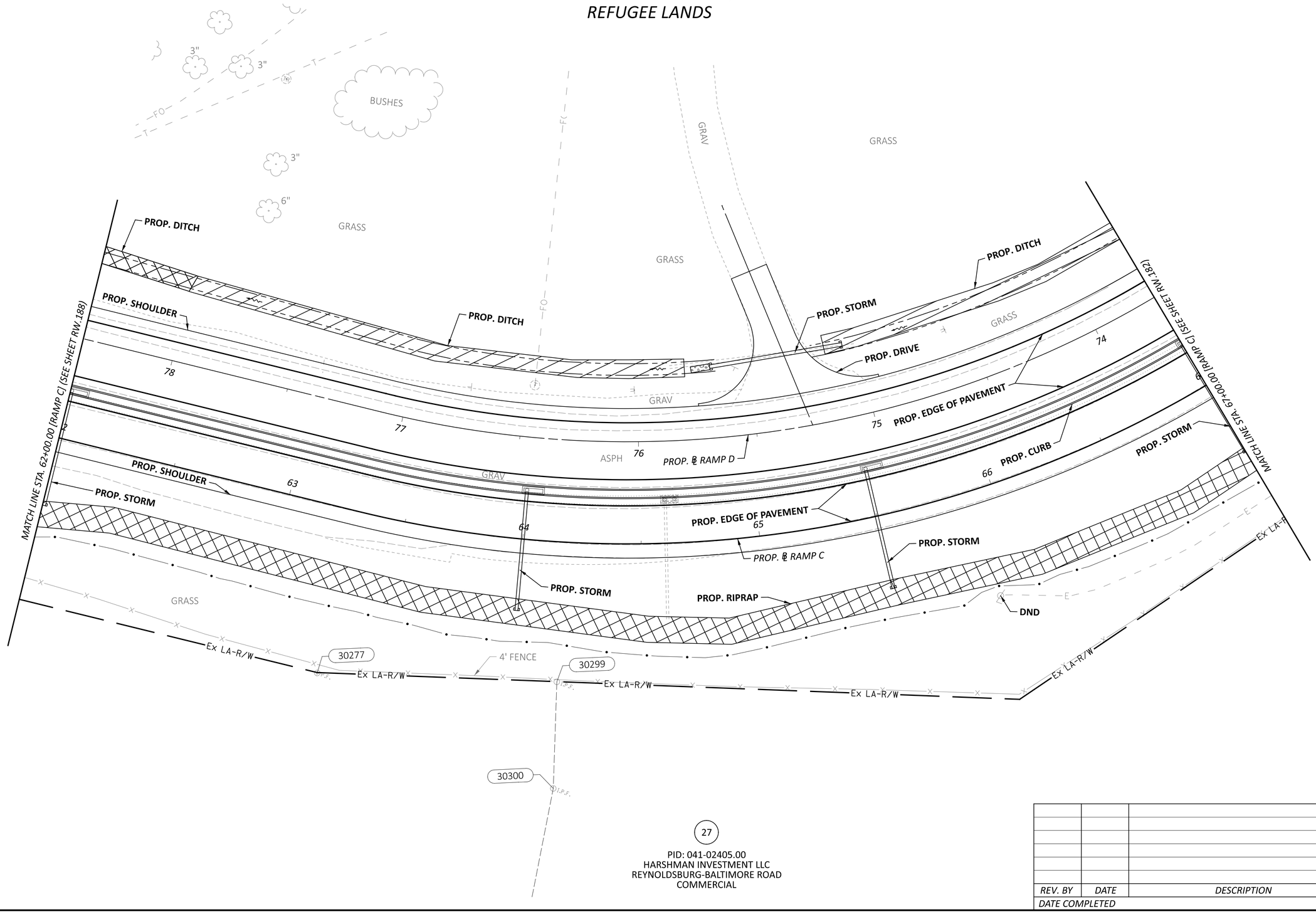
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.179 TOTAL RW.220

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP C
STA 62+00.00 TO STA 67+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.180 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT310 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:38:28 PM USER: mmayes
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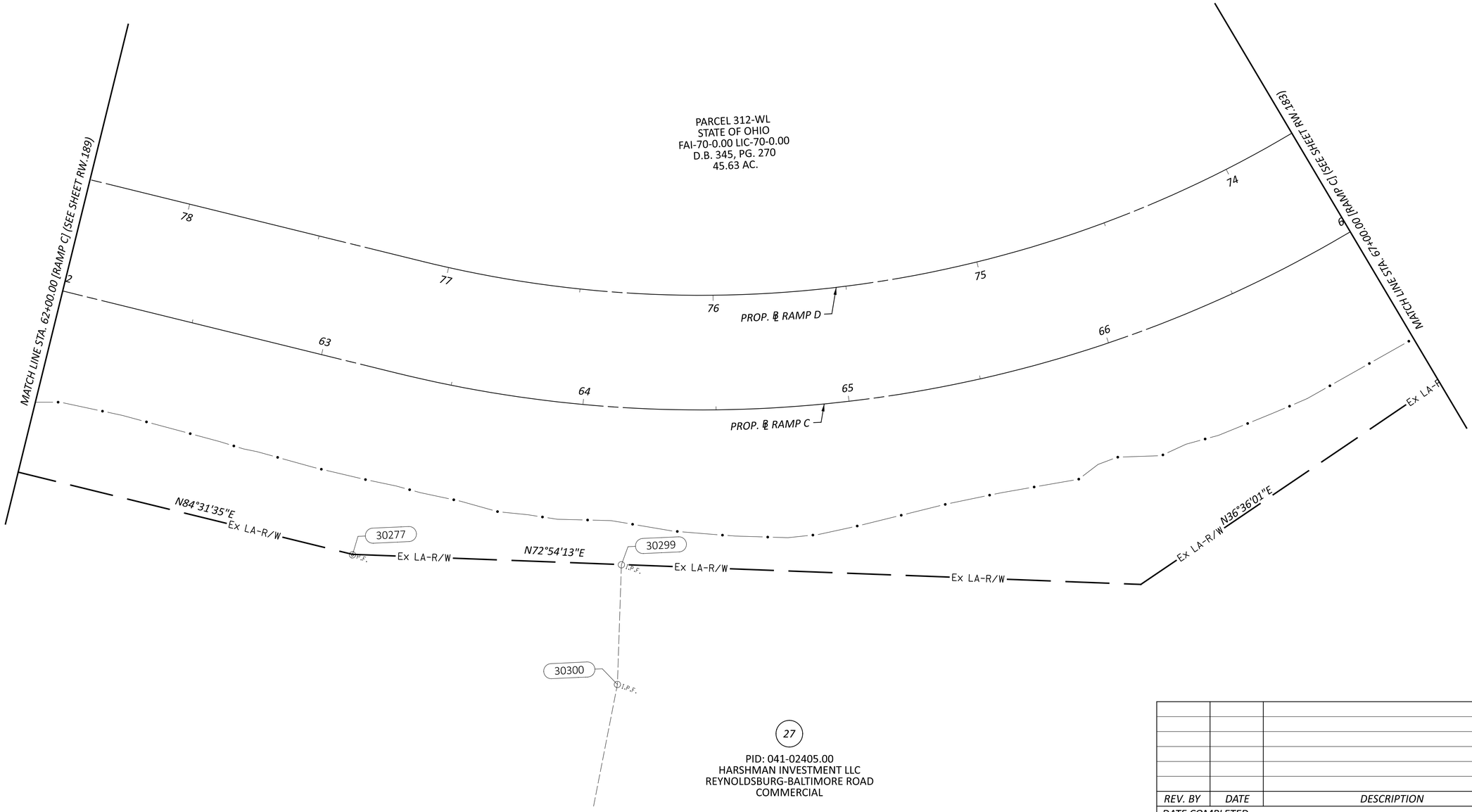
FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP C
STA 62+00.00 TO STA 67+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB310 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:38:50 PM USER: mmayes
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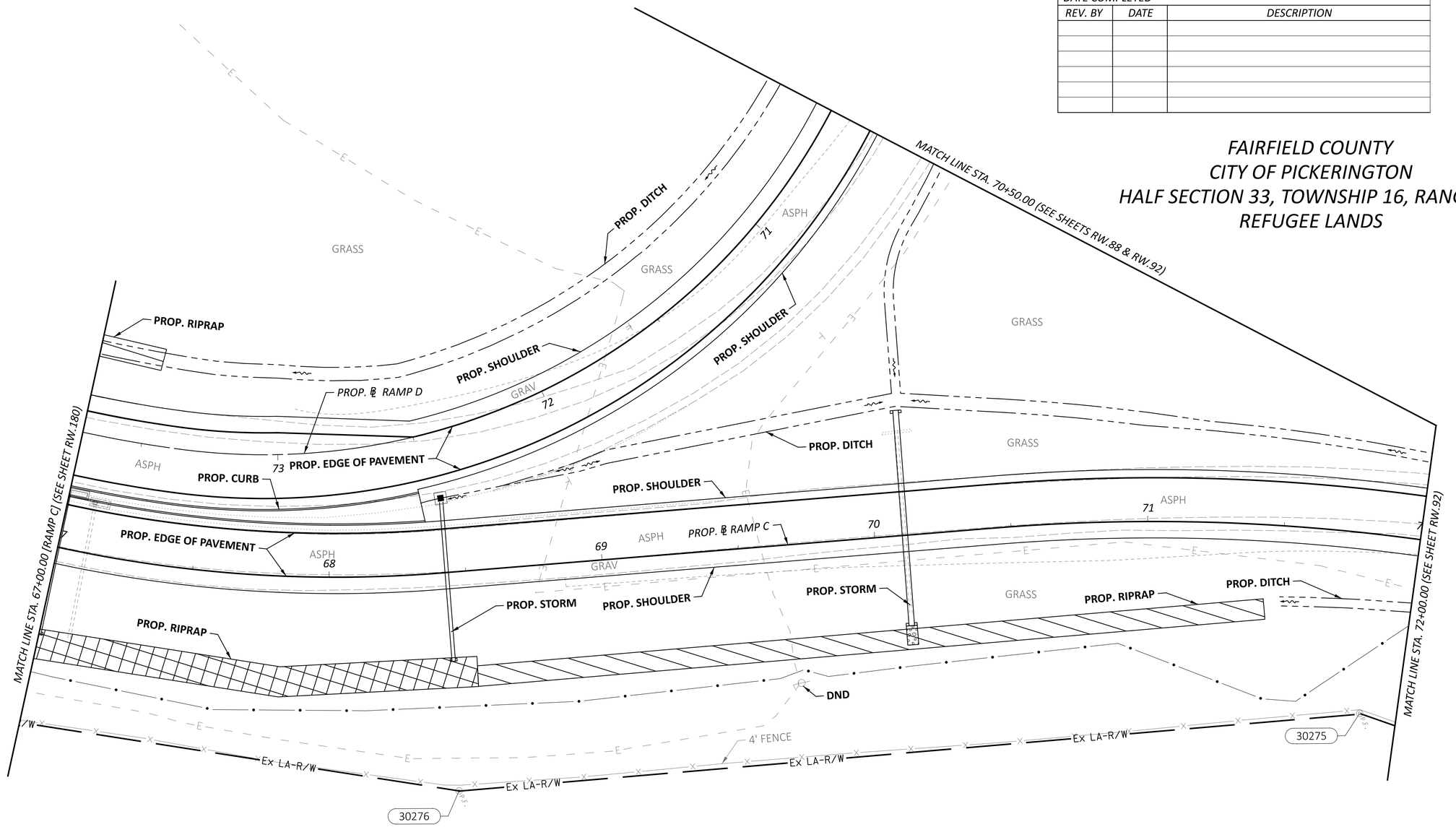
REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.181 TOTAL RW.220

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION



27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP C
STA 67+00.00 TO STA 72+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.182 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT311 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:39:26 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

MATCH LINE STA. 70+50.00 (SEE SHEETS RW.89 & RW.93)

PROP. ℄ RAMP D

PARCEL 312-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 345, PG. 270
45.63 AC.

MATCH LINE STA. 67+00.00 (RAMP C) (SEE SHEET RW.181)

PROP. ℄ RAMP C

MATCH LINE STA. 72+00.00 (SEE SHEET RW.93)

Ex LA-R/W

N36°36'01"E

N22°51'19"E

N46°50'34"E

30276

30275

RIGHT-OF-WAY BOUNDARY SHEET - RAMP C
STA 67+00.00 TO STA 72+00.00

27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.183 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB311 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:39:49 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB311.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT315 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:42:36 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT315.dgn

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP G
STA 105+00.00 TO STA 110+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.184 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

MATCH LINE (SEE SHEETS RW.117 & RW.121)

PARCEL 316-WL
STATE OF OHIO
FAI-70-0.00 LIC-70-0.00
D.B. 357, PG. 683
19.37 AC.

PROP. ℄ RAMP G

105 *106* *107* *108* *109* *110*

MATCH LINE STA. 105+0.00 (SEE SHEET RW.117)

Ex LA-R/W

S72°02'31"E
183.01'

Ex LA-R/W

STA. 106+18.82
OFF. 313.09' RT.
STA. 35+79.37
OFF. 516.32' LT.

I.P.F.

30043

I.P.S.

M17.1

36
WL1

Ex LA-R/W

S54°00'36"E
86.04'

STA. 106+70.00
OFF. 382.25' RT.
STA. 35+33.36
OFF. 443.61' LT.

R/W

N82°03'49"W - 354.37'

LA-R/W

I.P.S.

S54°00'36"E - 96.06'
N51°26'41"W - 99.73'

Ex LA-R/W

TMP

STA. 107+27.14
OFF. 459.47' RT.
STA. 34+58.60
OFF. 361.01' LT.

30045

I.P.F.

STA. 107+25.67
OFF. 464.99' RT.
STA. 34+50.00
OFF. 360.00' LT.

Ex LA-R/W

2000

36

PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT

36
T1

TMP

S39°07'32"E
180.52'

Ex LA-R/W

N35°34'43"W - 230.97'

PARCEL 1WL (TRACT 2)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
5.260 AC.

MATCH LINE STA. 110+00.00 (SEE SHEETS RW.201 & RW.203)

MATCH LINE (SEE SHEET RW.201)

HORIZONTAL
SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP G
STA 105+00.00 TO STA 110+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

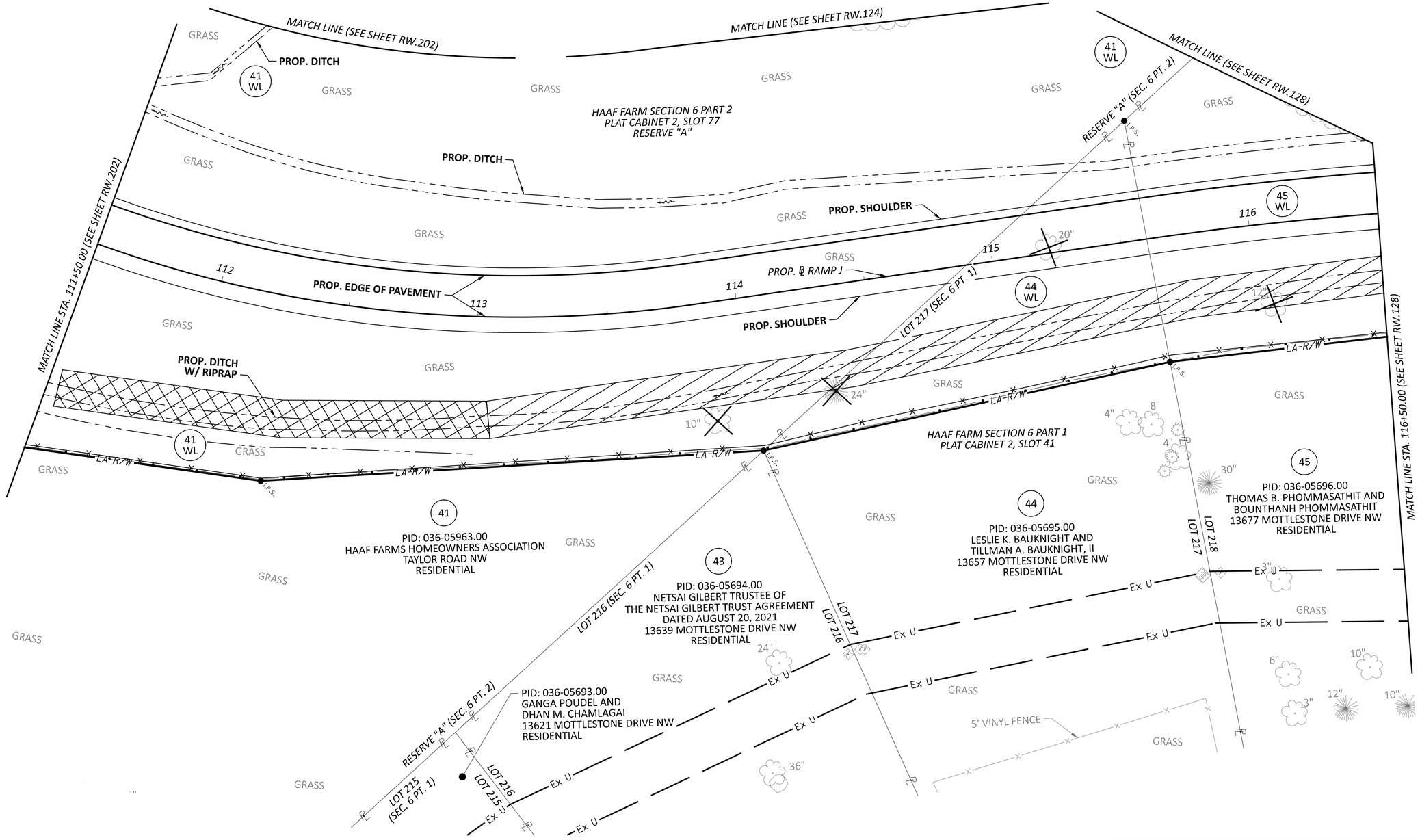
PROJECT ID
96808

SHEET RW.185 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB315 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:37:15 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB315.dgn

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - RAMP J
STA 111+50.00 TO STA 116+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY: WILLIAM STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.186 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT320 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:41:24 PM USER: mmayes
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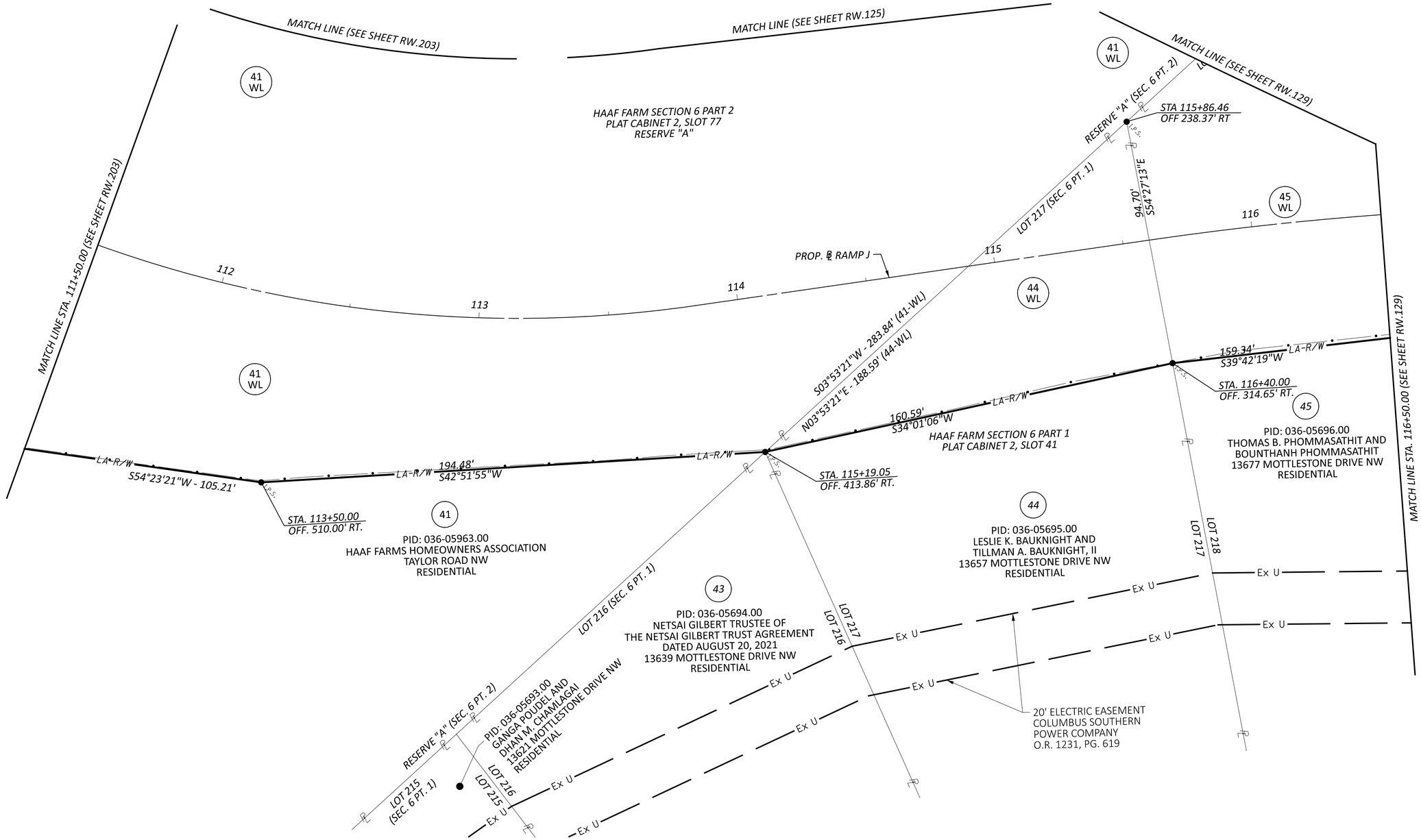
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - RAMP J
STA 111+50.00 TO STA 116+50.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.187 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB320 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:41:47 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

81
PID: 041-04675.60
HUMBLE HOUSE, LLC
1850 WINDERLY LANE
COMMERCIAL

80
PID: 041-04675.40
ARBY'S PROPERTIES, LLC
1840 WINDERLY LANE
COMMERCIAL

26
PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

27
PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

30292 30290 30359 30279 30278 1019

Ex LA-R/W

GRASS ASPH PARKING LOT WOODS ASPH CONC GRAV

MATCH LINE STA. 63+00.00 (SEE SHEET RW.178)

PROP. RIPRAP
PROP. DITCH
PROP. STORM
PROP. GUARDRAIL
PROP. ℄ RAMP E
PROP. SHOULDER
PROP. EDGE OF PAVEMENT
PROP. CURB
PROP. ℄ RAMP C
PROP. ℄ RAMP D
PROP. DITCH
4' FENCE
4" DND

BEGIN RW ACQUISITION
℄ R/W S.R. 256
STA. 20+20.98

℄ R/W STATE ROUTE 256
S05°32'59"E
N05°30'11"W

M27 BD M28

MATCH LINE STA. 22+00.00 (SEE SHEET RW.84)

MATCH LINE STA. 62+00.00 [RAMP C] (SEE SHEET RW.180)

BD STA. 32+41.18, 10.00' RT (BK) = STA. 17+49.57 (AH)

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 33+50.00 TO STA 22+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.188 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT331 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:42:23 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT331.dgn

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

FAIRFIELD COUNTY
CITY OF PICKERINGTON
HALF SECTION 33, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

81

PID: 041-04675.60
HUMBLE HOUSE, LLC
1850 WINDERLY LANE
COMMERCIAL

RIDGEWOOD COMMERCE PARK
PLAT CABINET 1, SLOT 100

26

PID: 041-04675.10
CRACKER BARREL OLD
COUNTRY STORE, INC.
1860 WINDERLY LANE
COMMERCIAL

30292

Ex LA-R/W — RESERVE "A" — Ex LA-R/W

STA. 18+22.03
OFF. 146.89' LT.

30290

Ex LA-R/W — S06°29'07"E — RESERVE "A" — Ex LA-R/W

STA. 20+20.98
OFF. 150.30' LT.

N31°10'15"W
41.18'

26
T2

S06°29'07"E
18.99'

MATCH LINE STA. 63+00.00 (SEE SHEET RW.179)

10' ELECTRIC EASEMENT
COLUMBUS SOUTHERN POWER COMPANY
O.R. 594, PG. 54
(10' WIDE ON CENTERLINE OF UTILITIES AS
INSTALLED, BUT UNABLE TO DETERMINE LOCATION)

PROP. ℄ RAMP E

64 65 66

1019

M27

BD

30359

℄ R/W STATE ROUTE 256

S05°32'59"E

33 18 19 20 21 2

M28

℄ R/W STATE ROUTE 256

N05°30'11"W

MATCH LINE STA. 22+00.00
(SEE SHEET RW.85)

80 79

PROP. ℄ RAMP C

PROP. ℄ RAMP D

61 60

S08°11'54"E

30279

Ex LA-R/W — S02°07'32"W

30278

STA. 33+26.46
OFF. 124.77' LT.

STA. 17+88.53
OFF. 131.47' RT.

27

PID: 041-02405.00
HARSHMAN INVESTMENT LLC
REYNOLDSBURG-BALTIMORE ROAD
COMMERCIAL

N84°23'53"E
Ex LA-R/W

MATCH LINE STA. 62+00.00 [RAMP C] (SEE SHEET RW.181)

BD STA. 32+41.18, 10.00' RT (BK) =
STA. 17+49.57 (AH)

RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 33+50.00 TO STA 22+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.189 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB331 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:42:48 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
HALF SECTION 33
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

BE PC STA. 28+65.36

12 STA. 28+71.23

MATCH LINE STA. 64+00.00 (SEE SHEET RW.176)

MATCH LINE (SEE SHEET RW.176)

Ex LA-R/W

BUSHES

ASPH

GRASS

82
PID: 045-03788.20
CHARLIE'S CORNER VENTURES II, LLC
2406 AND 2420 TAYLOR PARK DRIVE
COMMERCIAL

30337

WOODS

EX. DITCH

PID: 044-03791.11
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

84
PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

30338

PROP. SHOULDER

PROP. EDGE OF PAVEMENT

GRAV

END RW ACQUISITION
℄ R/W S.R. 256
STA. 28+53.53

PROP. ℄ RAMP A

M29

12

℄ R/W STATE ROUTE 256

N05°30'11"W

BE

30355

29 30 31 32

C5

CONC

MATCH LINE STA. 33+00.00 (SEE SHEET RW.192)

MATCH LINE STA. 28+00.00 (SEE SHEET RW.86 & RW.90)

PROP. ℄ RAMP B

65

PROP. SHOULDER

PROP. EDGE OF PAVEMENT

EX. GUARDRAIL

EX. DITCH

CITY OF REYNOLDSBURG
CITY OF PICKERINGTON

PROP. DITCH W/ RIPRAP

12"

10"

EX. RIPRAP

EX. DITCH

MATCH LINE STA. 66+00.00 (SEE SHEET RW.90)

28
PID: 045-03782.10
FCPT GARDEN PROPERTIES, LLC
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

PID: 044-03782.11
TAYLOR SQUARE DRIVE
COMMERCIAL

83
PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR SQUARE DRIVE
COMMERCIAL

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 28+00.00 TO STA 33+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.190
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT332 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:43:25 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY
CITY OF PICKERINGTON
CITY OF REYNOLDSBURG
HALF SECTION 33
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W S.R. 256 CURVE DATA (C5)
P.I. = 33+41.57
Δ = 13°54'00" LT
Dc = 01°28'00"
R = 3,906.53'
T = 476.20'
L = 947.73'

BE PC STA. 28+65.36

12 STA. 28+71.23

MATCH LINE (SEE SHEET RW.177)

Ex LA-R/W

S09°51'42"W

82
PID: 045-03788.20
CHARLIE'S CORNER VENTURES II, LLC
2406 AND 2420 TAYLOR PARK DRIVE
COMMERCIAL

30337

STA. 31+88.77
OFF. 151.17' LT.

STA. 32+18.55
OFF. 148.63' LT.

PID: 044-03791.11
REYNOLDSBURG BALTIMORE ROAD
COMMERCIAL

84
PID: 044-03791.00
CHICK-FIL-A, INC.
2364 TAYLOR PARK DRIVE
COMMERCIAL

S05°23'18"E

30338

STA. 32+45.06
OFF. 146.17' LT.

MATCH LINE STA. 64+00.00 (SEE SHEET RW.177)

PROP. ℄ RAMP A

M29

BE

12

N05°30'11"W

30355

℄ R/W STATE ROUTE 256

C5

MATCH LINE STA. 28+00.00 (SEE SHEET RW.87 & RW.91)

PROP. ℄ RAMP B

MATCH LINE STA. 33+00.00 (SEE SHEET RW.193)

Ex LA-R/W

STA. 28+97.71
OFF. 146.82' RT.
STA. 65+90.00
OFF. 360.00' LT.

N04°35'05"W

SIGN EASEMENT
O.R. 683, PG. 56
O.R. 1358, PG. 2302
0.598 ACRES

STA. 31+20.92
OFF. 159.10' RT.

STA. 31+48.83
OFF. 161.57' RT.

STA. 31+54.44
OFF. 162.08' RT.

N05°49'11"W

28
PID: 045-03782.10
FCPT GARDEN PROPERTIES, LLC
REYNOLDSBURG ~~BALTIMORE~~ ROAD
COMMERCIAL

PID: 044-03782.11
TAYLOR SQUARE DRIVE
COMMERCIAL

83
PID: 044-03793.30
ITHACA III, LLC
2413 TAYLOR SQUARE DRIVE
~~COMMERCIAL~~

5' ELECTRIC EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
O.R. 345, PG. 388

MATCH LINE STA. 66+00.00 (SEE SHEET RW.91)

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 28+00.00 TO STA 33+00.00

DESIGN AGENCY
WEPFER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.191 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB332 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:43:49 PM USER: mmayes
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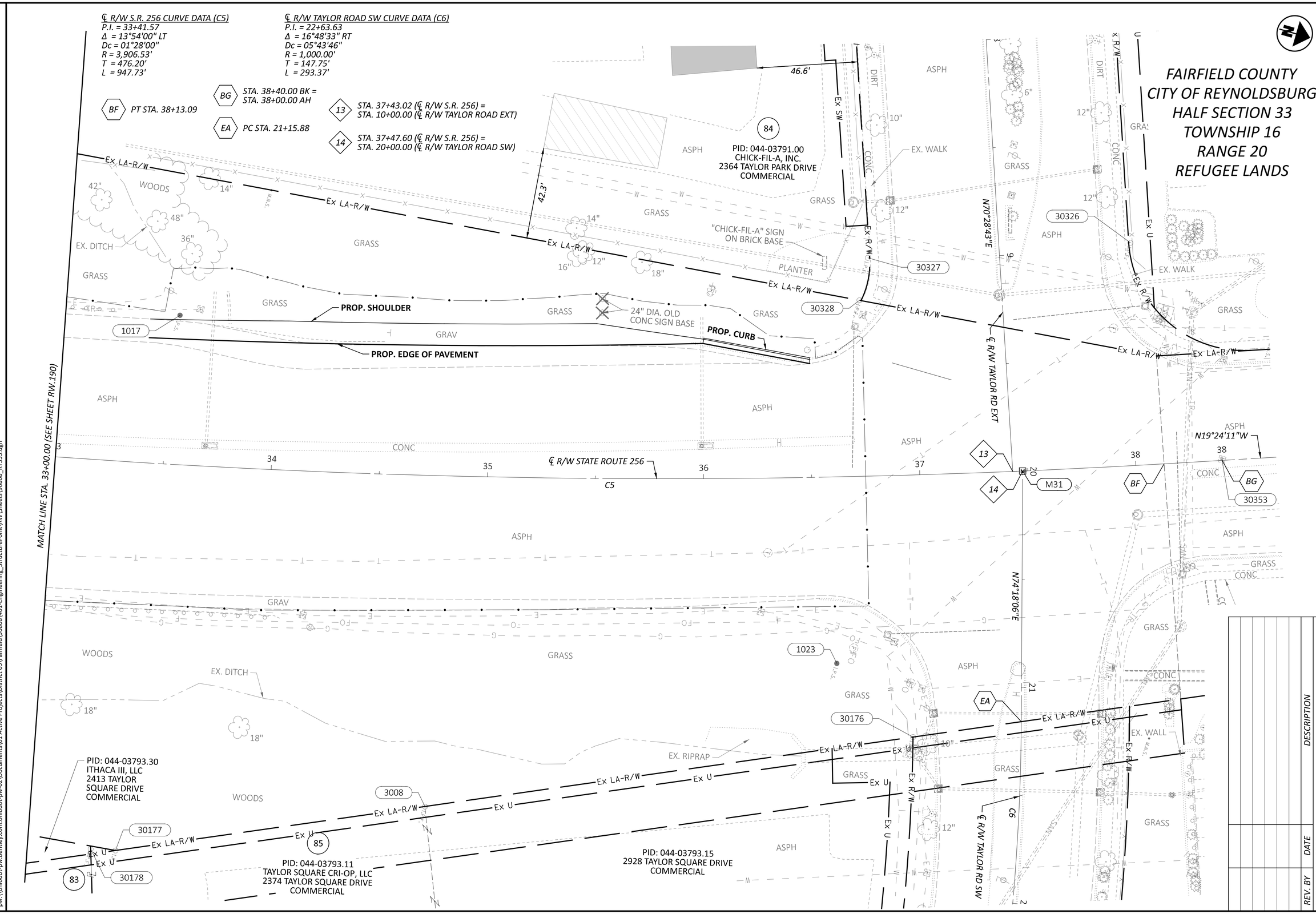


HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - SR 256
STA 33+00.00 TO STA 38+25.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

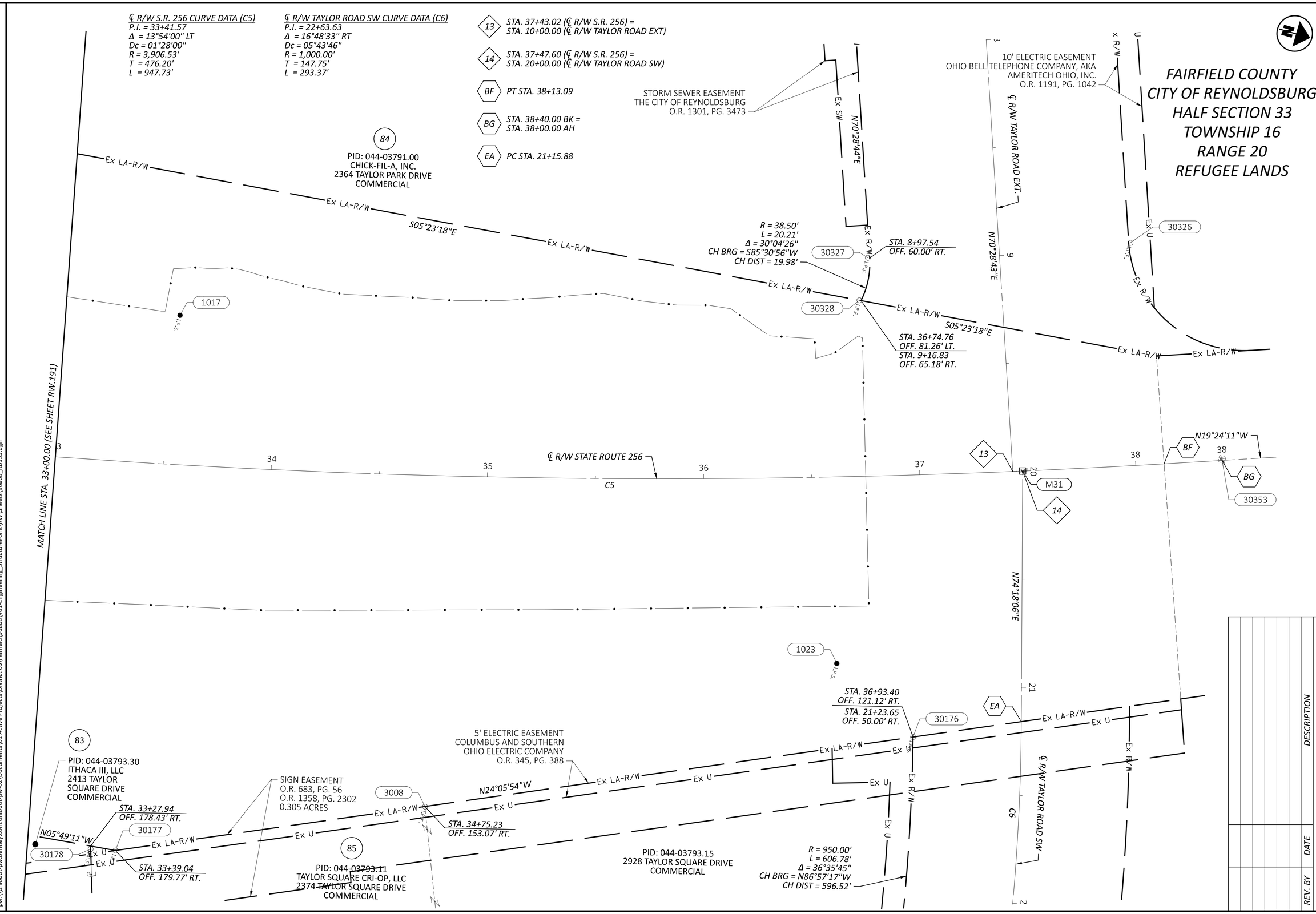
REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.192 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT333 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:44:26 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT333.dgn



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 256
STA 33+00.00 TO STA 38+25.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.193 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB333 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:44:50 PM USER: mmayes
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DATE COMPLETED

REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

℄ R/W WELLESLEY DRIVE CURVE DATA (C22)
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'

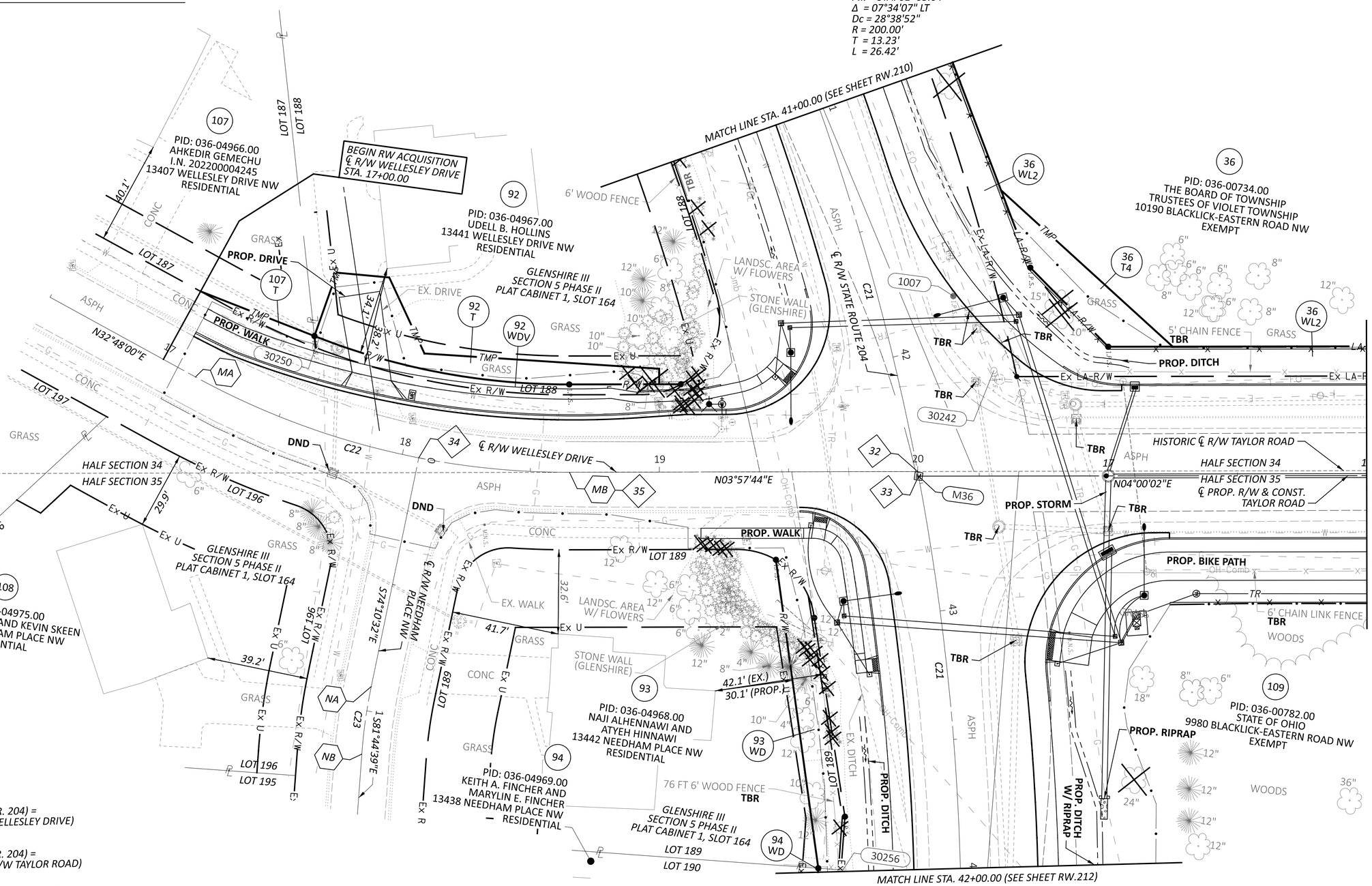
℄ R/W NEEDHAM PLACE NW CURVE DATA (C23)
P.I. = STA. 01+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'

MA PC STA. 17+14.18

MB PT STA. 18+65.17

NA PC STA. 00+90.41

NB PT STA. 01+16.83



32 STA. 42+45.35 (℄ R/W S.R. 204) = STA. 20+00.00 (℄ R/W WELLESLEY DRIVE)

33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)

34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)

35 STA. 18+65.17

HORIZONTAL SCALE IN FEET 0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD, SR 204 & WELLESLEY DR
STA 16+50.00 TO STA 18+00.00

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 05/23/25

PROJECT ID: 96808

SHEET: RW.194 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT341 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:45:27 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

1 PARCEL 4
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 850
0.284 AC.

2 PARCEL 1WL (TRACT 3)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
1.023 AC.

3 PARCEL 3
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 840
0.039 AC.

4 60' DEDICATED R/W
P.C. 1, SL 164

5 50' DEDICATED R/W
P.C. 1, SL 164

HORIZONTAL SCALE IN FEET
0 10 20 40

C1: CURVE DATA
R = 270.00'
L = 35.45'
Δ = 07°31'25"
CH BRG = S29°02'18"W
CH DIST = 35.43'

C2: CURVE DATA
R = 270.00'
L = 100.44'
Δ = 21°18'52"
CH BRG = S14°37'10"W
CH DIST = 99.86'

C3: CURVE DATA
R = 30.00'
L = 15.67'
Δ = 29°55'35"
CH BRG = S11°00'04"E
CH DIST = 15.49'

C4: CURVE DATA
R = 266.00'
L = 101.03'
Δ = 21°45'41"
CH BRG = N14°50'34"E
CH DIST = 100.42'

C5: CURVE DATA
R = 30.00'
L = 55.44'
Δ = 105°52'59"
CH BRG = S48°58'46"W
CH DIST = 47.88'

C6: CURVE DATA
R = 30.00'
L = 26.88'
Δ = 51°19'50"
CH BRG = N59°39'23"E
CH DIST = 25.99'

L1: S81°46'53"E - 90.00'
L2: N81°28'07"W - 90.00'

MA PC STA. 17+14.18
MB PT STA. 18+65.17
NA PC STA. 00+90.41
NB PT STA. 01+16.83

32 STA. 42+45.35 (℄ R/W S.R. 204) = STA. 20+00.00 (℄ R/W WELLESLEY DRIVE)
33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)
34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)
35 STA. 18+65.17

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

℄ R/W WELLESLEY DRIVE CURVE DATA (C22)
P.I. = STA. 17+91.31
Δ = 28°50'17" LT
Dc = 19°05'55"
R = 300.00'
T = 77.13'
L = 151.00'

℄ R/W NEEDHAM PLACE NW CURVE DATA (C23)
P.I. = STA. 01+03.64
Δ = 07°34'07" LT
Dc = 28°38'52"
R = 200.00'
T = 13.23'
L = 26.42'

MATCH LINE STA. 41+00.00 (SEE SHEET RW.211)
MATCH LINE STA. 42+00.00 (SEE SHEET RW.213)
MATCH LINE STA. 16+00.00 (SEE SHEET RW.197)

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD, SR 204 & WELLESLEY DR
STA 16+50.00 TO STA 18+00.00

DESIGN AGENCY: WESTON STRUCTUREPOINT INC.
DESIGNER: JBY
REVIEWER: MJW 05/23/25
PROJECT ID: 96808
SHEET: RW.195 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB341 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:45:54 PM USER: mmayes
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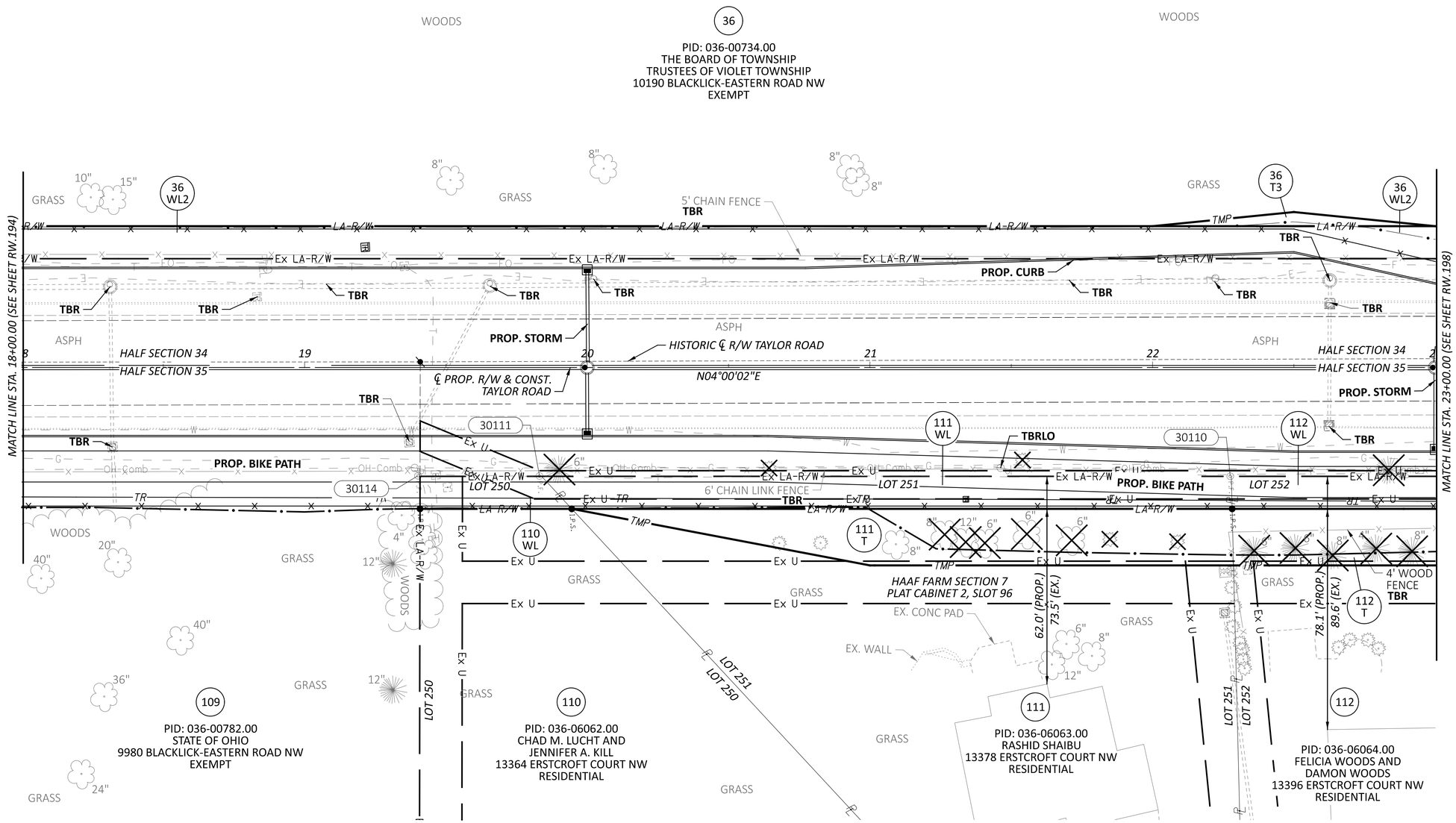
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 18+00.00 TO STA 23+00.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 05/23/25

PROJECT ID: 96808

SHEET: RW.196 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT342 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:46:33 PM USER: mmayes
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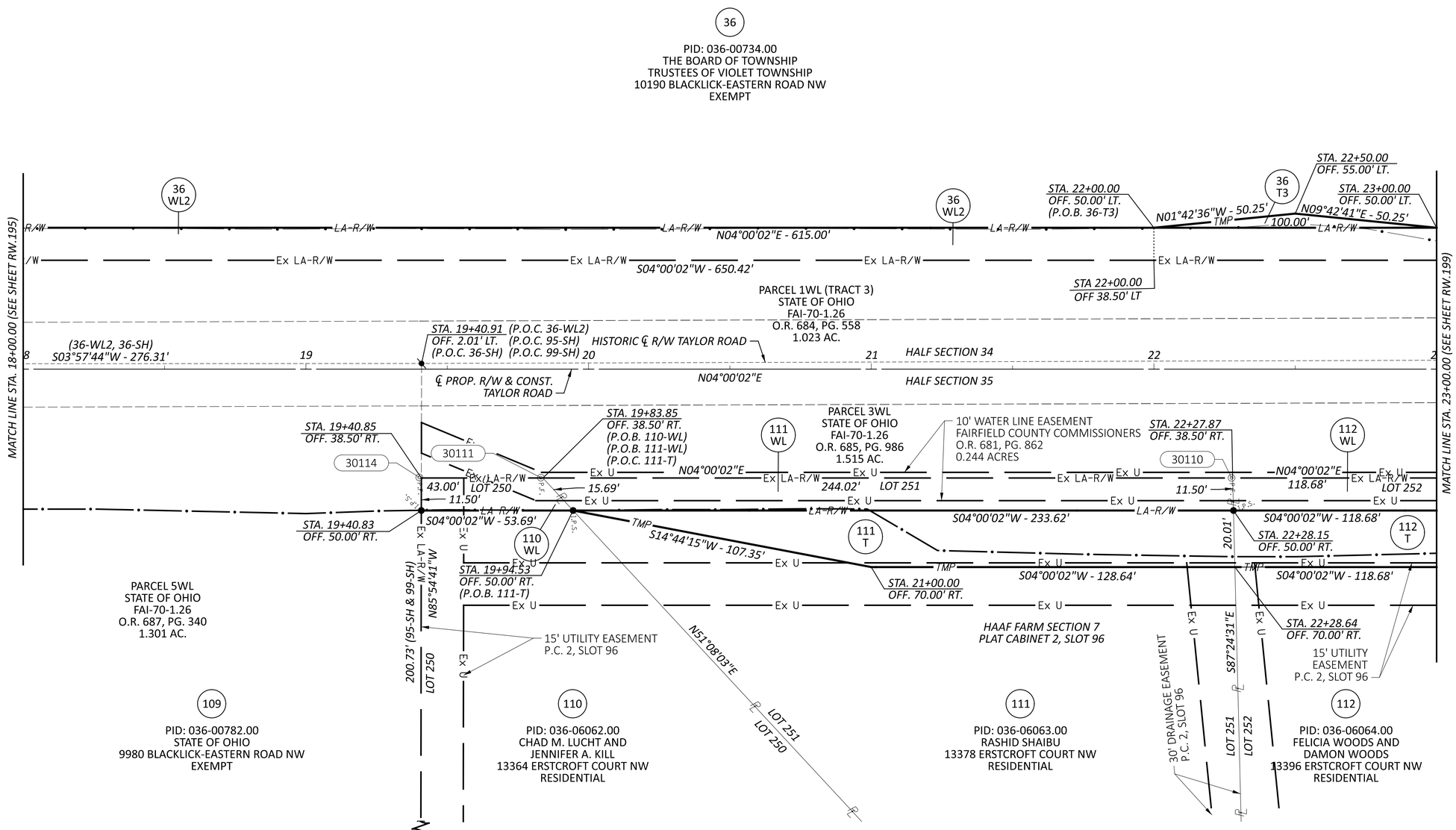
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 18+00.00 TO STA 23+00.00

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.197 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB342 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:46:58 PM USER: mmayes
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HA PC STA. 27+66.91

36 STA. 30+00.00

37 STA. 25+20.22 (PROP ℄ R/W TAYLOR ROAD) = STA. 30+03.85 (℄ R/W HAAF FARM DRIVE)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 23+00.00 TO STA 28+00.00

MATCH LINE STA. 23+00 (SEE SHEET RW.196)

MATCH LINE STA. 28+00.00 (SEE SHEET RW.200)

GRASS
EX. DRIVE
ASPH
TMP
36
PID: 036-00734.00
THE BOARD OF TOWNSHIP
TRUSTEES OF VIOLET TOWNSHIP
10190 BLACKLICK-EASTERN ROAD NW
EXEMPT
36 WL2
36 T2
PROP. DRIVE
IRRIGATION CONTROL VALVE
Ex LA-R/W
TBR
TBRLBO
PROP. CURB
HISTORIC ℄ R/W TAYLOR ROAD
25760
HALF SECTION 34
HALF SECTION 35
PROP. STORM
℄ PROP. R/W & CONST. TAYLOR ROAD
N04°00'02"E
CONC
HA
C8
M38
112 WL
113 WL
114 WL
30109
30075
30065
30074
LOT 252
LOT 253
LOT 254
PROP. BIKE PATH
6' CHAIN LINK FENCE TBR
4" WOOD FENCE TBR
112 T
113 T
114 T
41 WL
41 T
41
113 WDV
PROP. ADA RAMP
2 STY VINYL
HAAF FARM SECTION 7
PLAT CABINET 2, SLOT 96
77.2' (PROP.)
57.9' (PROP.)
69.4' (EX.)
88.7' (EX.)
74.7' (PROP.)
86.2' (EX.)
35.7'
S86°06'25"E
℄ R/W HAAF FARM DRIVE
PROP. WALK
EX. WALK
30.2'
20.8' (PROP.)
32.3' (EX.)
LOT 254 (SEC. 7)
RESERVE "A" (SEC. 6 PT. 2)
LOT 255
30076
30073
30087
PID: 036-06064.00
FELICIA WOODS AND
DAMON WOODS
13396 ERSTCROFT
COURT NW
RESIDENTIAL
PID: 036-06065.00
FRANK GERACI aka
FRANK GERACI III
AND TAMMY GERACI
13418 ERSTCROFT COURT NW
RESIDENTIAL
PID: 036-06066.00
KRISTA L. CERULLO
9958 HAAF FARM DRIVE NW
RESIDENTIAL
PID: 036-05963.00
HAAF FARMS
HOMEOWNERS ASSOCIATION
TAYLOR ROAD NW
RESIDENTIAL
PID: 036-06074.00
MOTTLESTONE DRIVE NW
RESIDENTIAL
RESERVE "B" (SEC. 6 PT. 2)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
MORPACE STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.198 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT343 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:47:36 PM USER: mmayes
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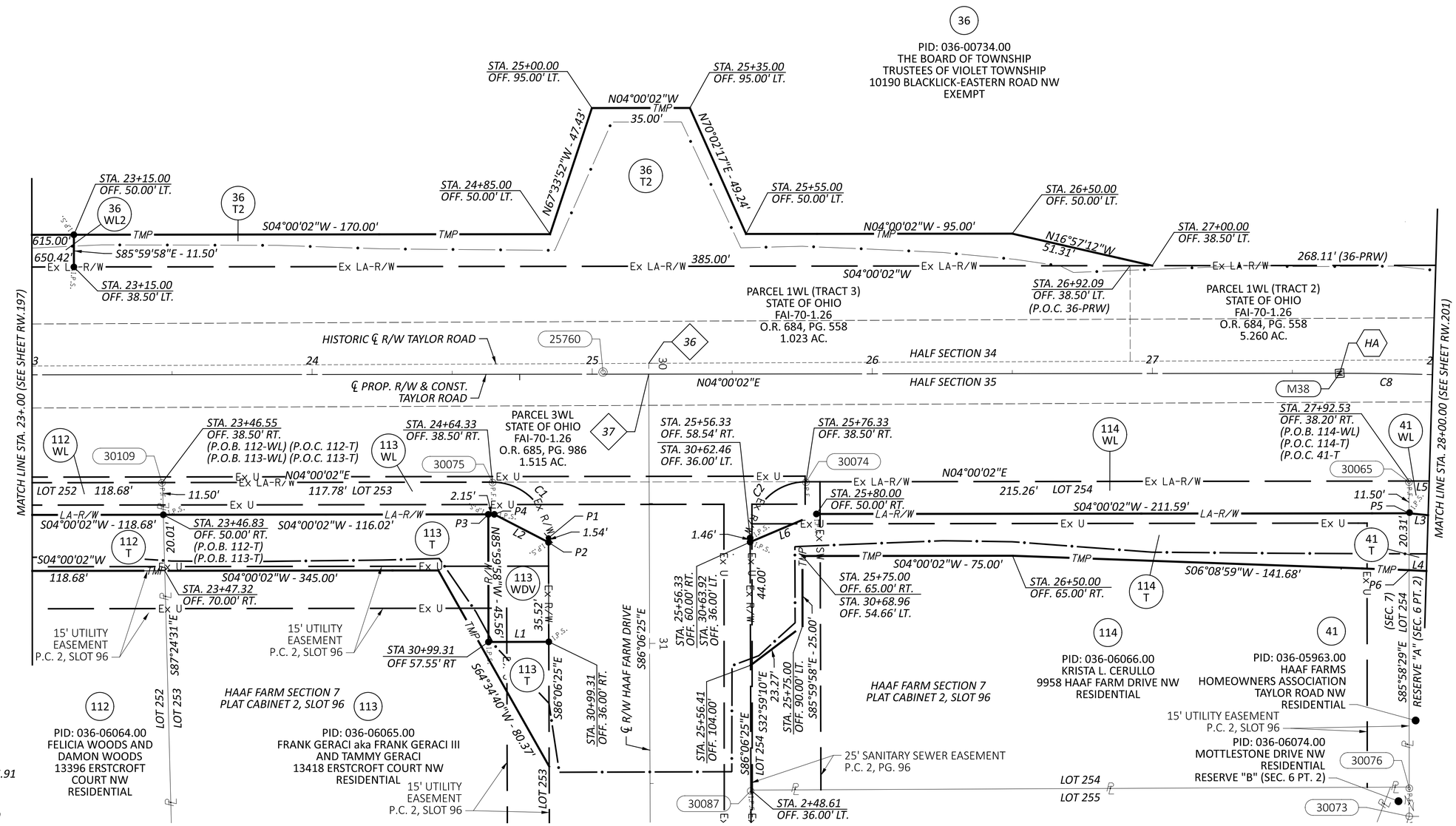
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 23+00.00 TO STA 28+00.00



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

L1: S03°53'35"W - 21.55'
L2: S31°21'19"W - 21.76'
L3: S09°51'55"W - 149.51'
L4: S08°23'16"W - 99.43'
L5: N04°00'02"E - 486.40'
L6: S18°54'07"E - 25.70'

C1: CURVE DATA
R = 20.00'
L = 31.38'
Δ = 89°53'32"
CH BRG = N48°56'49"E
CH DIST = 28.26'

C2: CURVE DATA
R = 20.00'
L = 31.45'
Δ = 90°06'28"
CH BRG = N41°03'11"W
CH DIST = 28.31'

P1: STA. 24+84.33 OFF. 58.46' RT. P.O.C. 113-WDV
P2: STA. 24+84.33 OFF. 60.00' RT. STA. 1+59.93 OFF. 36.00' RT. (P.O.B. 113-WDV)
P3: STA 30+53.75 OFF 57.46' RT STA 24+62.85 OFF 50.00' RT
P4: STA. 24+65.00 OFF. 50.00' RT.
P5: STA. 27+92.82 OFF. 49.69' RT. (P.O.B. 114-T) (P.O.B. 41-T)
P6: STA. 27+93.36 OFF. 70.00' RT.

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
STRUCTUREPOINT LLC
DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.199 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB343 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:48:02 PM USER: mmayes
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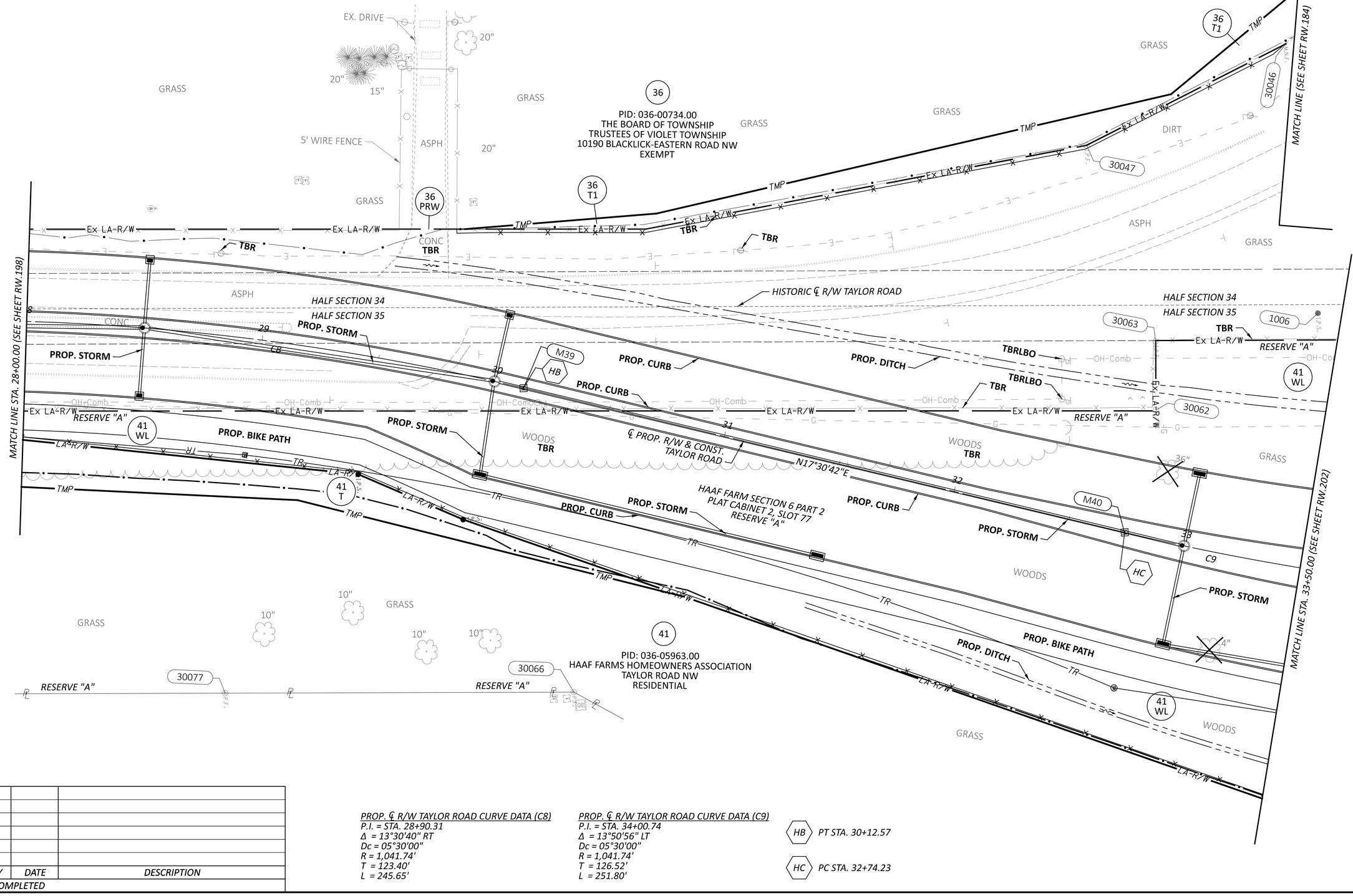
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HB PT STA. 30+12.57

HC PC STA. 32+74.23

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 28+00.00 TO STA 33+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.200
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT344 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:48:39 PM USER: mmayes
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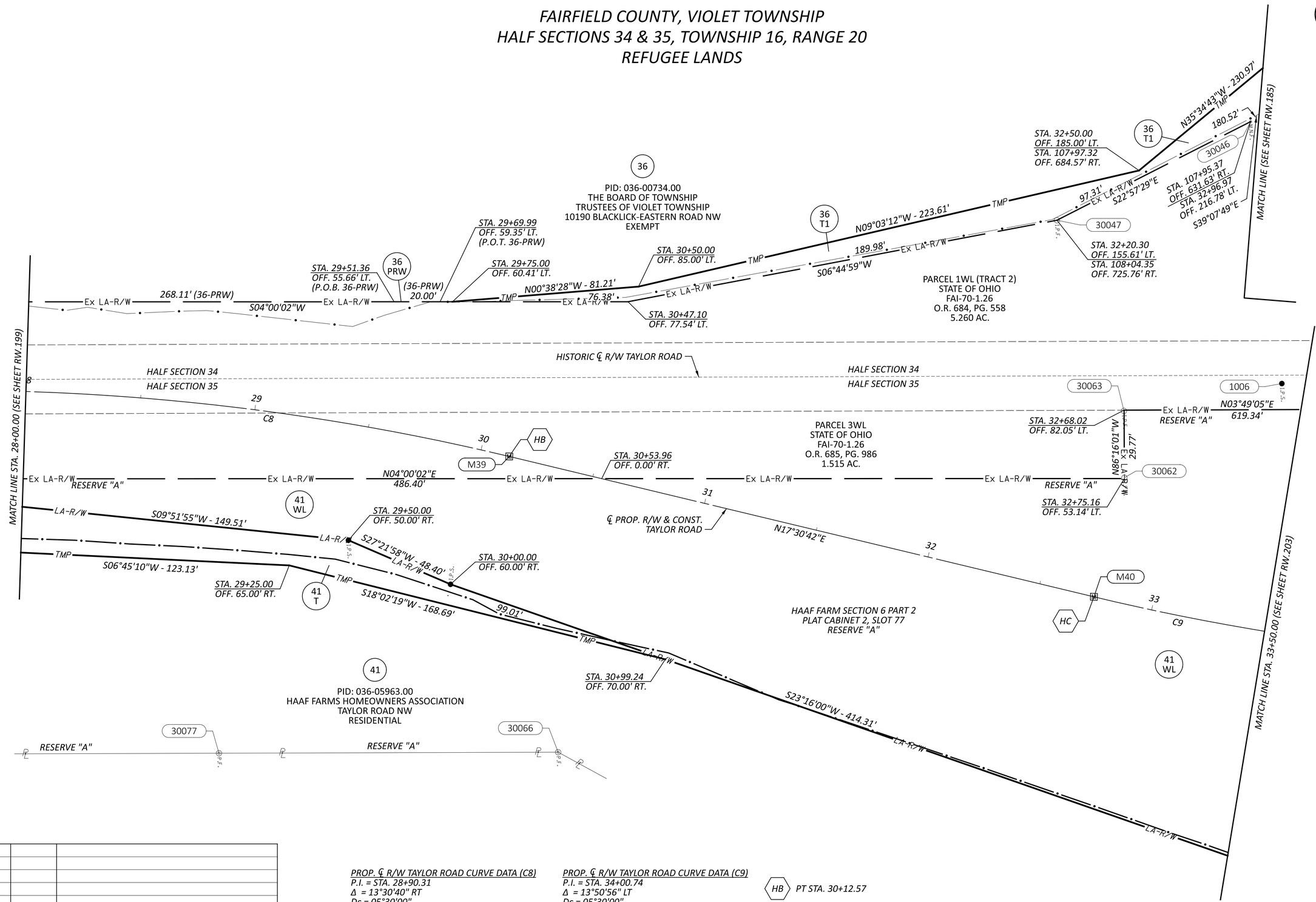
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C8)
P.I. = STA. 28+90.31
Δ = 13°30'40" RT
Dc = 05°30'00"
R = 1,041.74'
T = 123.40'
L = 245.65'

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HB PT STA. 30+12.57

HC PC STA. 32+74.23

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 28+00.00 TO STA 33+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.201 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB344 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:49:02 PM USER: mmayes
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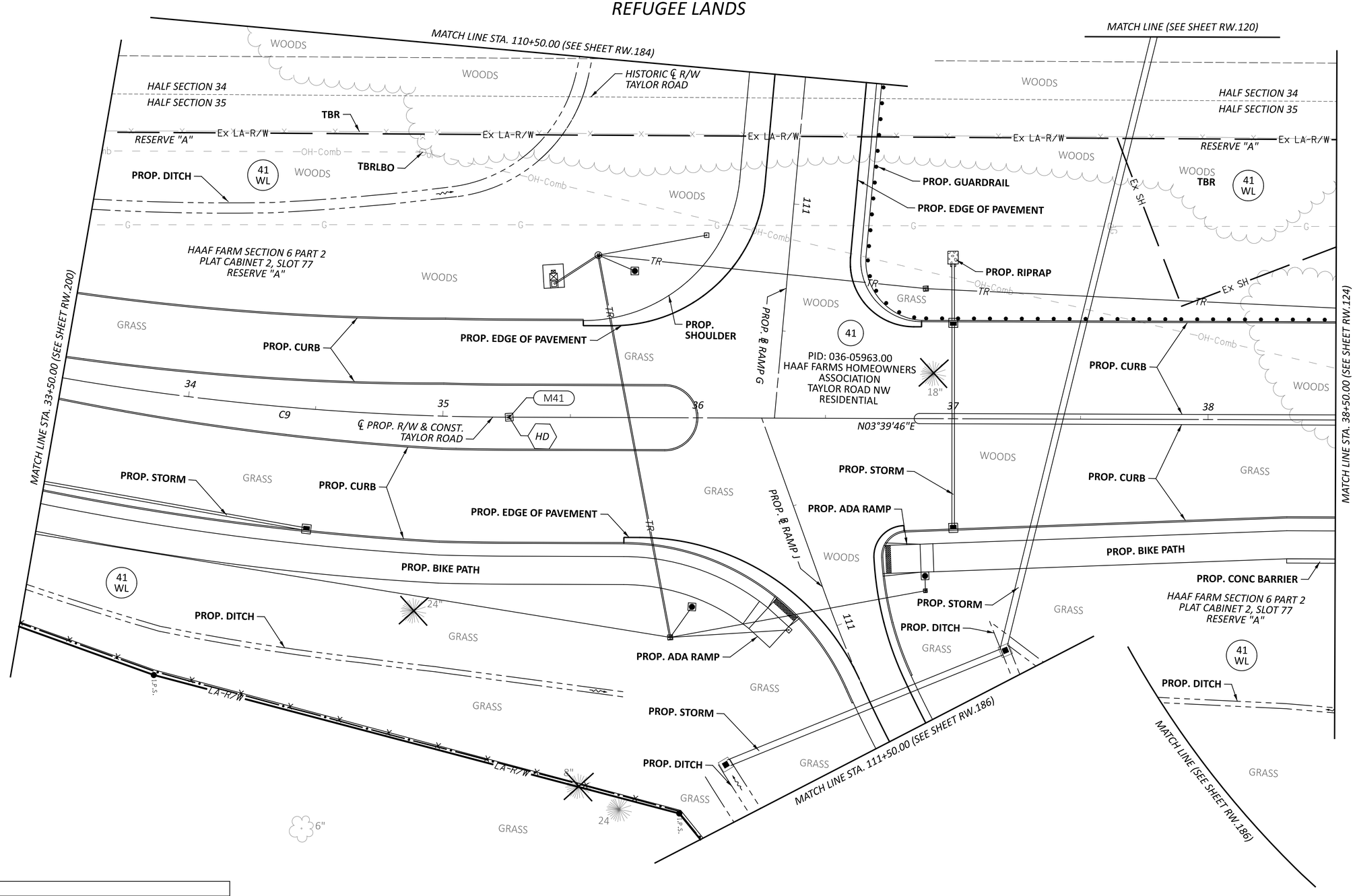
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HD *PT STA. 35+26.02*

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 33+50.00 TO STA 38+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.202 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT345 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:49:39 PM USER: mmayes
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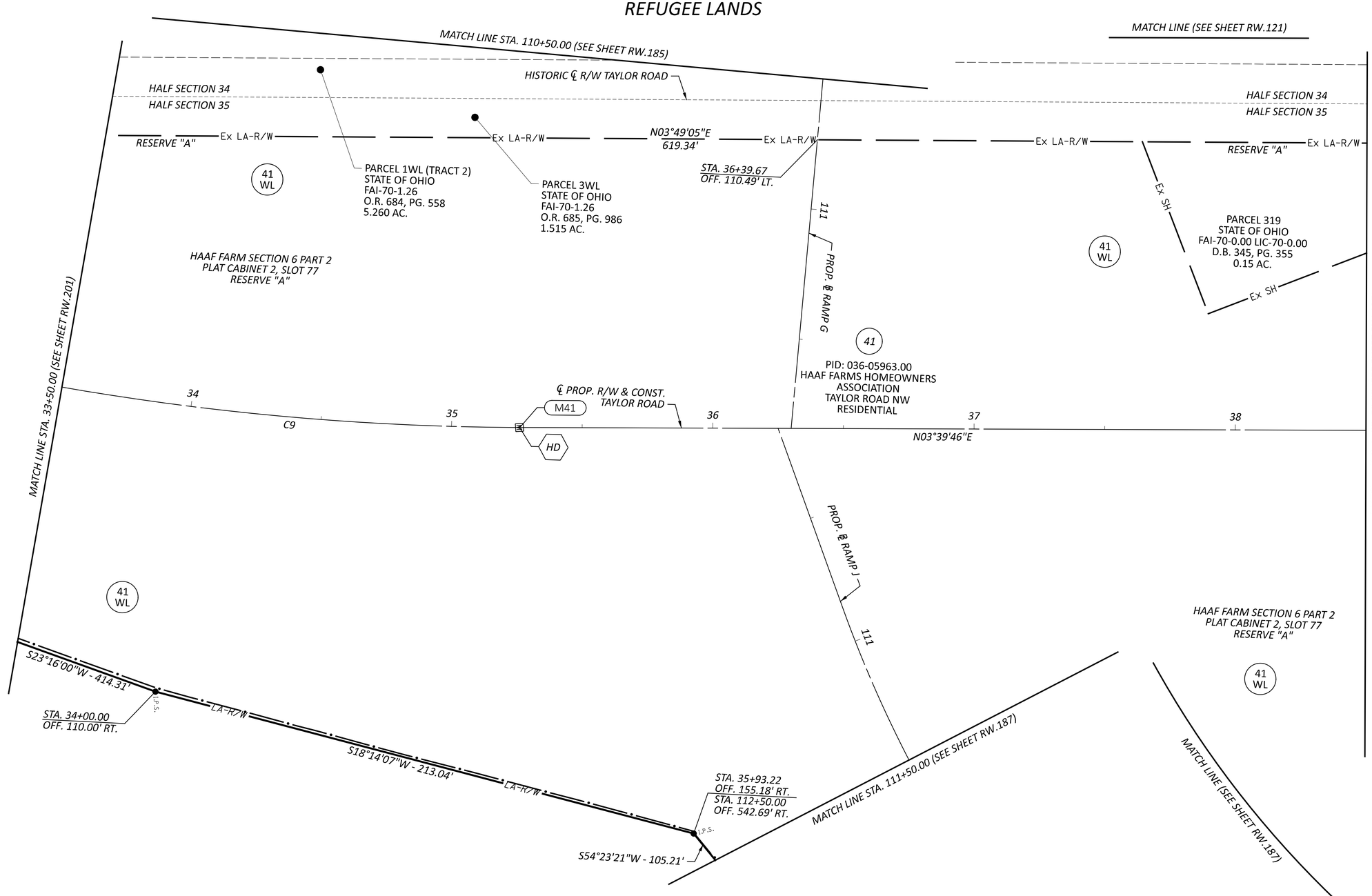
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C9)
P.I. = STA. 34+00.74
Δ = 13°50'56" LT
Dc = 05°30'00"
R = 1,041.74'
T = 126.52'
L = 251.80'

HD PT STA. 35+26.02

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 33+50.00 TO STA 38+50.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.203 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB345 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:50:02 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB345.dgn

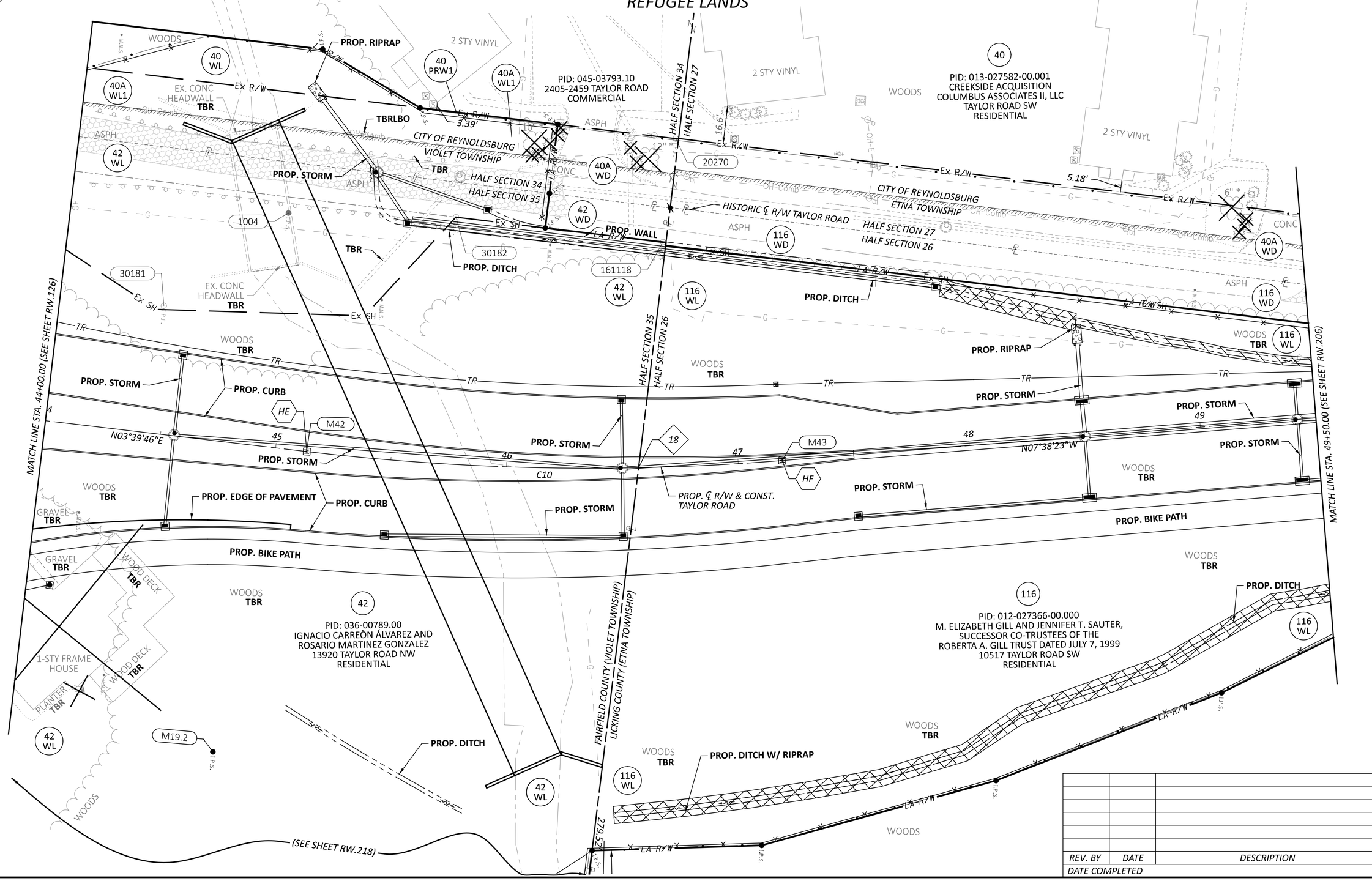
HE PC STA. 45+13.53

HF PT STA. 47+19.03

18 STA. 46+56.98

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C10)
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26, 27, 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET 0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 44+00.00 TO STA 49+50.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.

DESIGNER: JBY

REVIEWER: MJW 05/23/25

PROJECT ID: 96808

SHEET: RW.204 TOTAL: RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT346 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:02:02 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT346.dgn

NOTE 1 (COMMENCEMENT DISTANCES)
359.76' (40-WDV)
326.98' (116-WDV)
647.20' (120-WDV)
998.39' (121-WDV & 123-WDV)

HE PC STA. 45+13.53 | HF PT STA. 47+19.03 | 18 STA. 46+56.98

FAIRFIELD COUNTY, VIOLET TOWNSHIP
LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26, 27, 34 & 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C10)
P.I. = STA. 46+16.62
Δ = 11°18'09" LT
Dc = 05°30'00"
R = 1,041.74'
T = 103.08'
L = 205.50'

40A CITY OF REYNOLDSBURG, OHIO
I.N. 200005260016710
0.263 AC.
O.R. 1121 PG. 670
0.206 AC.

P1: STA. 46+74.76
OFF. 111.62' LT
(P.O.B. 40A-WD & 42-WD)
(P.O.C. 40-WL, 40A-WL1, 40B-WL, 42-WL, 47A-WL)

P2: STA. 46+74.80
OFF. 111.84' LT
(P.O.B. 116-WD)
(P.O.C. 40-WDV, 40A-WL2, 47-WL, 116-WL, 116-WDV, 120-WDV, 121-WDV, 123-WDV)

40
PID: 013-027582-00.001
CREEKSIDE ACQUISITION
COLUMBUS ASSOCIATES II, LLC
TAYLOR ROAD SW
RESIDENTIAL

N03°49'05"E - 141.13'
STA 45+00.00
OFF 173.16' LT
PID: 045-03793.10
2405-2459 TAYLOR ROAD
COMMERCIAL
194.16' (40-WL & 40-PRW1)
Ex R/W
N27°55'07"E
48.98'
STA 45+50.00
OFF 152.50' LT
(P.O.B. 40-PRW1)
254.04' (40A-WL1)
59.88' (40-PRW1)
Ex R/W
STA. 46+19.82
OFF. 148.23' LT.
(P.O.T. 40-PRW1)
N86°08'42"W
0.22'
N03°49'05"E
52.47'
HALF SECTION 34
HALF SECTION 27
STA. 46+80.26
OFF. 141.45' LT.
(P.O.C. 40-PRW2)
STA. 46+80.22
OFF. 141.23' LT.
294.80' (40-WL & 40B-WL)
S03°49'05"W - 242.35' (40A-WL1)
373.05' (42-WL)
CITY OF REYNOLDSBURG
VIOLET TOWNSHIP
HALF SECTION 34
HALF SECTION 35
N86°10'55"W
30.00'
Ex R/W
N03°50'07"E - 283.18'
FAIRFIELD COUNTY, OHIO
O.R. 1618, PG. 3840
O.R. 1618, PG. 1310
0.338 ACRES
STA. 46+16.28
OFF. 118.39' LT.
(P.O.B. 40A-WL1)
52.45'
15.00'
P2
P1
HISTORIC ℄ R/W TAYLOR ROAD
ETNA TOWNSHIP
HALF SECTION 27
HALF SECTION 26
0.22' (40A-WD)
283.19' (40A-WD)
N03°50'07"E - 283.19' (116-WD & 47A-WL2)
[SEE "NOTE 1"]
Ex SH
52.44'
S03°49'05"W
LA R/W
16.50'
STA. 45+71.52
OFF. 106.54' LT.
STA. 46+14.60
OFF. 103.47' LT.
STA. 46+71.93
OFF. 95.54' LT.
(P.O.B. 116-WL)
S03°50'07"W - 283.20'
LA R/W SH
MATCH LINE STA. 44+00.00 (SEE SHEET RW.127)
Ex SH
STA. 44+41.79
OFF. 53.32' LT
STA. 45+32.56
OFF. 60.91' LT.
STA. 46+72.15
OFF. 96.80' LT.
(P.O.B. 42-WL)
S86°08'42"E
HALF SECTION 35
HALF SECTION 26
MATCH LINE STA. 49+50.00 (SEE SHEET RW.207)

4 — N03°39'46"E — 45 — M42 — HE — 46 — C10 — 18 — HALF SECTION 34 / HALF SECTION 27 — 47 — M43 — HF — 48 — N07°38'23"W — 49

PROP. ℄ R/W & CONST. TAYLOR ROAD

549.00' (47A-WL)
534.00' (42-WL)
263.02' (116-WL)
967.92' (47-WL)

42
PID: 036-00789.00
IGNACIO CARREÓN ÁLVAREZ AND
ROSARIO MARTINEZ GONZALEZ
I.N. 202500003344
13920 TAYLOR ROAD NW
RESIDENTIAL

116
PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER,
SUCCESSOR CO-TRUSTEES OF THE
ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

FAIRFIELD COUNTY (VIOLET TOWNSHIP)
LICKING COUNTY (ETNA TOWNSHIP)
S86°08'42"E
STA. 46+36.78
OFF. 165.00' RT.
LA R/W
S04°51'16"E - 73.22'
STA. 47+00.00
OFF. 165.00' RT.
S18°31'09"E - 104.90'
STA. 48+00.
OFF. 145.0(
S24°20'20"E - 104.40'
S29°26'28"E - 107.70'
STA. 49+00.00
OFF. 115.00' RT.
(SEE SHEET RW.218)

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 44+00.00 TO STA 49+50.00

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.205 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB346 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:51:05 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB346.dgn

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HG PC STA. 50+31.92

HH PT STA. 52+40.56

ZB PT STA. 15+19.00

21 STA. 16+58.75

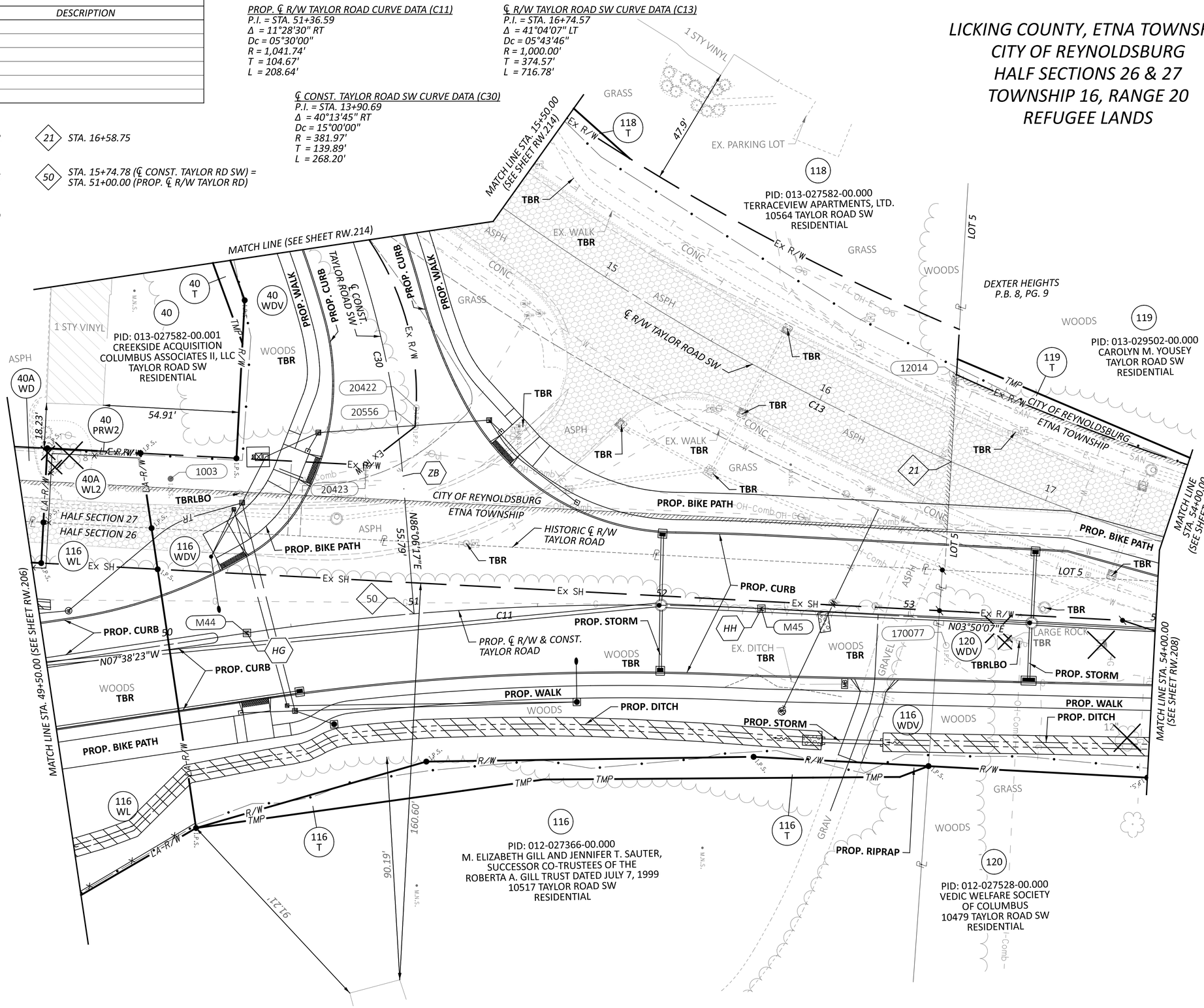
50 STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C11)
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26 & 27
TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 49+50.00 TO STA 54+00.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.206 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT347 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:07:51 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT347.dgn

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

HG PC STA. 50+31.92

HH PT STA. 52+40.56

ZB PT STA. 15+19.00

21 STA. 16+58.75

50 STA. 15+74.78 (℄ CONST. TAYLOR RD SW) = STA. 51+00.00 (PROP. ℄ R/W TAYLOR RD)

PROP. ℄ R/W TAYLOR ROAD CURVE DATA (C11)
P.I. = STA. 51+36.59
Δ = 11°28'30" RT
Dc = 05°30'00"
R = 1,041.74'
T = 104.67'
L = 208.64'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26 & 27
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

C1: CURVE DATA
R = 1,035.00'
L = 269.04'
Δ = 14°53'37"
CH BRG = N11°57'45"E
CH DIST = 268.28'

C2: CURVE DATA
R = 967.00'
L = 130.70'
Δ = 07°44'39"
CH BRG = S21°11'37"W
CH DIST = 130.60'

P1: STA. 49+63.06 OFF. 85.74' LT. (P.O.B. 40-PRW2)

P2: STA. 49+57.09 OFF. 56.34' LT. (P.O.B. 40A-WL2)

P3: STA. 49+53.81 OFF. 40.17' LT.

P4: STA. 50+00.00 OFF. 78.24' LT. (P.O.T. 40-PRW2)

P5: STA. 50+00.00 OFF. 47.62' LT. (P.O.B. 116-WDV)

MATCH LINE STA. 15+50.00 (SEE SHEET RW.215)

R = 960.00'
L = 393.04'
Δ = 23°27'29"
CH BRG = S44°25'07"W
CH DIST = 390.30'

N42°37'01"E
125.23'

STA 14+81.57
OFF 45.49' LT
(P.O.B. 118-T)

118 T

118

PID: 013-027582-00.000
TERRACEVIEW APARTMENTS, LTD.
10564 TAYLOR ROAD SW
RESIDENTIAL

Ex R/W

R = 960.00'
L = 584.18'
Δ = 34°51'56"
CH BRG = S41°09'03"W
CH DIST = 575.20'

R = 960.00'
L = 150.32'
Δ = 08°58'18"
CH BRG = S28°12'13"W
CH DIST = 150.17'
(118-T)

N85°45'09"W

LOT 5

DEXTER HEIGHTS
P.B. 8, PG. 9

119

PID: 013-029502-00.000
CAROLYN M. YOUSEY
TAYLOR ROAD SW
RESIDENTIAL

STA. 16+39.36
OFF. 50.16' LT.
(P.O.C. 118-T)

STA. 16+43.88
OFF. 38.95' LT.

119 T

12014

6.37' TMP

Ex R/W

N23°49'36"E - 132.60'

CITY OF REYNOLDSBURG
ETNA TOWNSHIP

MATCH LINE
(SEE SHEET RW.215)

S70°51'42"W
110.25'

S70°39'47"W
140.61'

STA. 13+92.09
OFF. 92.94' RT.

17.54'
(40-T)

40 T

40

PID: 013-027582-00.001
CREEKSIDE ACQUISITION COLUMBUS ASSOCIATES II, LLC
TAYLOR ROAD SW
RESIDENTIAL

STA. 14+01.36
OFF. 107.22' RT.

TMP

R/W

N86°11'43"W - 63.97'

40 WDV

℄ CONST. TAYLOR ROAD SW

C30

R = 111.28'
L = 106.61'
Δ = 54°53'24"
CH BRG = N66°09'59"E
CH DIST = 102.58'

Ex R/W

1

STA. 14+66.94
OFF. 86.40' RT.

20422

STA. 14+70.59
OFF. 92.92' RT.

20556

S37°09'17"E
25.29'

ZB

S86°08'57"E
7.64'

STA. 50+86.24
OFF. 61.58' LT.
STA. 14+63.70
OFF. 117.04' RT.

52.38'

Ex R/W

20423

1003

37.70'
(40-PRW2)

40 PRW2

40A WD

P1

L1

Ex R/W

STA. 50+37.70
OFF. 70.52' LT.
STA. 14+24.79
OFF. 145.42' RT.
(P.O.B. 40-WDV)

P4

N82°21'37"E
30.61'

℄ R/W TAYLOR ROAD SW

15

CITY OF REYNOLDSBURG
O.R. 684, PG. 944
PARCEL 1
10.301 ACRES

16

C13

CITY OF REYNOLDSBURG
O.R. 684 PG. 944
PARCEL 2
0.306 ACRES

2

21

17

C2

MATCH LINE STA. 54+00.00 (SEE SHEET RW.209)

40A

40A WL2

L3 L2 L1 L4 L5

LA-R/W

P2

43.79'

326.98' (116-WDV)

P5

P3

Ex SH

STA 50+32.12
OFF 41.10' LT

N86°09'53"W
30.00' (40-WDV)

359.76'
(40-WDV)

116 WDV

116 WD

116 WL

STA. 50+00.00
OFF. 30.79' LT.

M44

HG

50

N07°38'23"W

STA. 50+00.00
OFF. 0.00' LT.

MATCH LINE STA. 49+50.00 (SEE SHEET RW.205)

N82°21'37"E - 122.63'

55.79'

N86°09'17"E

CITY OF REYNOLDSBURG
ETNA TOWNSHIP

HISTORIC ℄ R/W TAYLOR ROAD
[SEE "NOTE 1"]

N03°50'07"E - 320.22' (116-WDV)
647.20' (120-WDV)

HALF SECTION 27
HALF SECTION 26

STA 53+12.78
OFF 19.50' LT

LOT 5

16.50' (120-WDV)

3

STA. 53+86.63
OFF. 3.00' LT.

N03°50'07"E - 74.14'

N03°50'07"E

C1

5

51

52

53

N03°50'07"E

Ex SH

Ex R/W

C11

PROP. ℄ R/W & CONST. TAYLOR ROAD

HH

M45

STA. 53+12.48
OFF. 3.00' LT.
(P.O.B. 120-WDV)
(P.O.C. 116-T & 120-T)

170077

S85°09'06"E - 79.51'

63.01'

120 WDV

MATCH LINE STA. 54+00.00 (SEE SHEET RW.209)

STA. 51+00.00
OFF. 60.00' RT.

S15°17'34"E - 96.90'

S00°01'48"E - 132.36'

STA. 52+40.56
OFF. 60.00' RT.

S03°50'07"W - 70.82'

S03°50'07"W - 88.63'

R/W

TMP

S00°23'08"W - 144.07'

S07°08'26"E - 141.84'

STA. 51+50.00
OFF. 70.00' RT.

116 WVD

STA. 53+00.00
OFF. 65.00' RT.

S19°54'06"E
12.42'

116 T

STA. 53+11.37
OFF. 60.00' RT.
(P.O.B. 116-T)

STA. 54+00.00
OFF. 60.00' RT.

116 WL

LA-R/W

S29°26'28"E - 107.70'

STA. 50+00.00
OFF. 75.00' RT.

116 T

116

PID: 012-027366-00.000
M. ELIZABETH GILL AND JENNIFER T. SAUTER, SUCCESSOR CO-TRUSTEES OF THE ROBERTA A. GILL TRUST DATED JULY 7, 1999
10517 TAYLOR ROAD SW
RESIDENTIAL

120

PID: 012-027528-00.000
VEDIC WELFARE SOCIETY OF COLUMBUS
10479 TAYLOR ROAD SW
RESIDENTIAL

NOTE 1 (COMMENCEMENT DISTANCES)
998.39' (121-WDV & 123-WDV)

L1: N03°50'07"E - 283.18'

L2: S86°09'53"E - 30.00'

L3: S03°50'07"W - 283.19'

L4: S86°09'53"E - 16.50'

L5: S03°50'07"W - 283.20'

40A CITY OF REYNOLDSBURG, OHIO
I.N. 200005260016710
0.263 ACRES
O.R. 1121 PG. 670
0.206 ACRES

1 CITY OF REYNOLDSBURG, OHIO
I.N. 199908200035184
0.035 ACRES

2 PARCEL 5-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201604080006838
0.211 ACRES

3 PARCEL 6-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201507010013457
0.279 ACRES

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 49+50.00 TO STA 54+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY

REVIEWER MJW 05/23/25

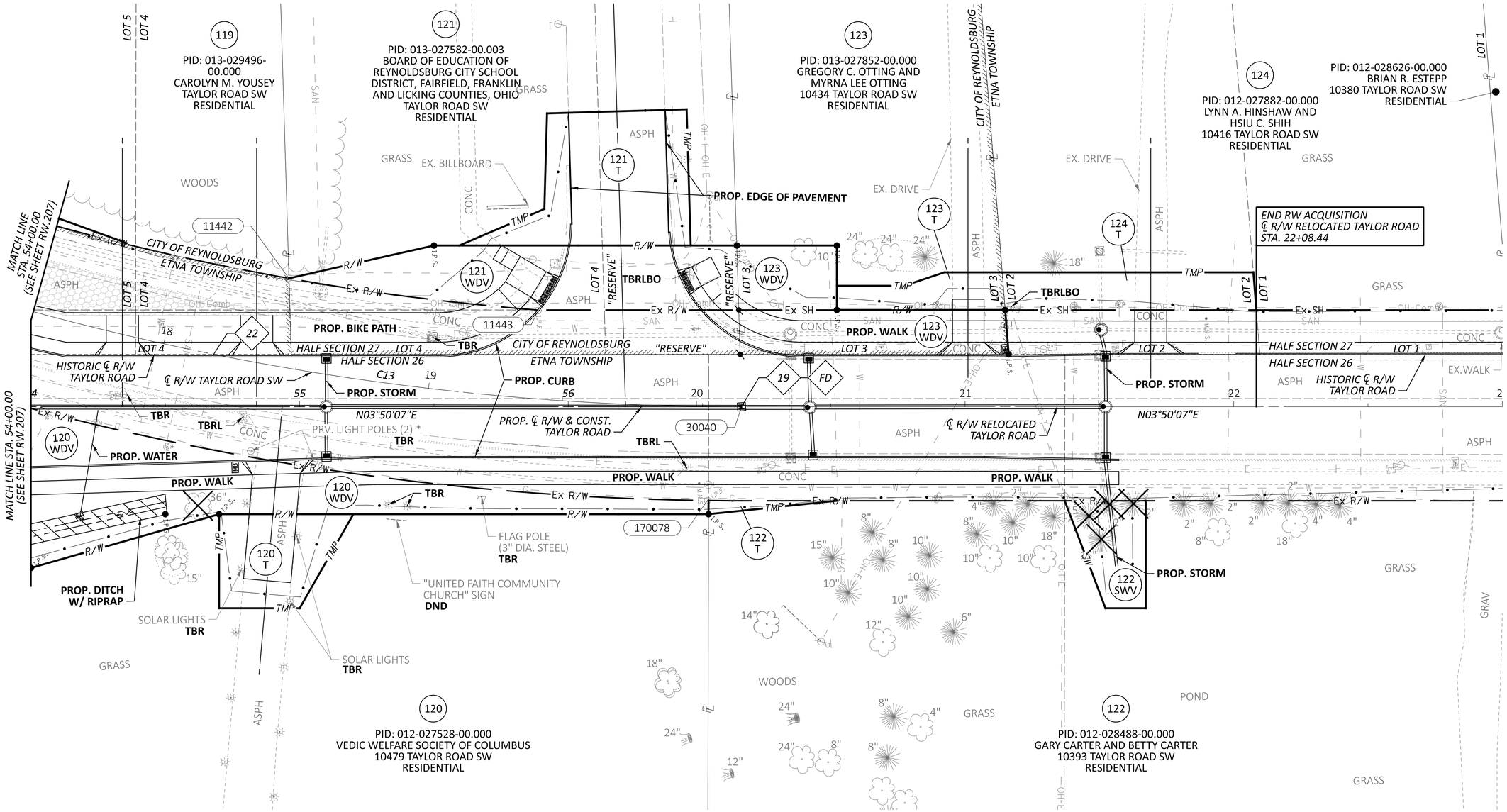
PROJECT ID 96808

SHEET RW.207 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB347 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:52:10 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB347.dgn

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26 & 27
TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

FD — PT STA. 20+16.78

19 — STA. 56+64.51 (PROP. ℄ R/W TAYLOR ROAD) = STA. 20+16.78 (℄ R/W TAYLOR ROAD SW) = STA. 20+16.78 (℄ R/W RELOCATED TAYLOR ROAD)

22 — STA. 18+18.98

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PROP. TAYLOR RD
STA 54+00.00 TO STA 23+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.208 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT348 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:17:41 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RT348.dgn

1 PARCEL 5-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 2016040800068838
0.211 ACRES

2 PARCEL 6-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201507010013457
0.279 ACRES

3 PARCEL 7-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201507140014604
0.074 ACRES

4 PARCEL 9-WD
ETNA TOWNSHIP, LICKING COUNTY, OHIO
I.N. 201505050008479
0.414 ACRES

LICKING COUNTY, ETNA TOWNSHIP
CITY OF REYNOLDSBURG
HALF SECTIONS 26 & 27
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

P1: PROP. TAYLOR
STA. 56+63.97
OFF. 19.50' LT.
TAYLOR SW
STA. 20+16.23
OFF. 19.50' LT.
(P.O.B. 123-WDV)
(P.O.C. 121-T)

P2: PROP. TAYLOR
STA. 56+63.45
OFF. 36.00' LT.
TAYLOR SW
STA. 20+15.69
OFF. 36.00' LT.
(P.O.B. 121-WDV)

P3: PROP. TAYLOR
STA. 56+62.71
OFF. 60.00' LT.
TAYLOR SW
STA. 20+14.87
OFF. 60.00' LT.

P4: STA. 20+52.27
OFF. 60.00' LT.

P5: STA. 20+52.27
OFF. 36.00' LT.

P6: STA. 20+52.27
OFF. 45.00' LT.

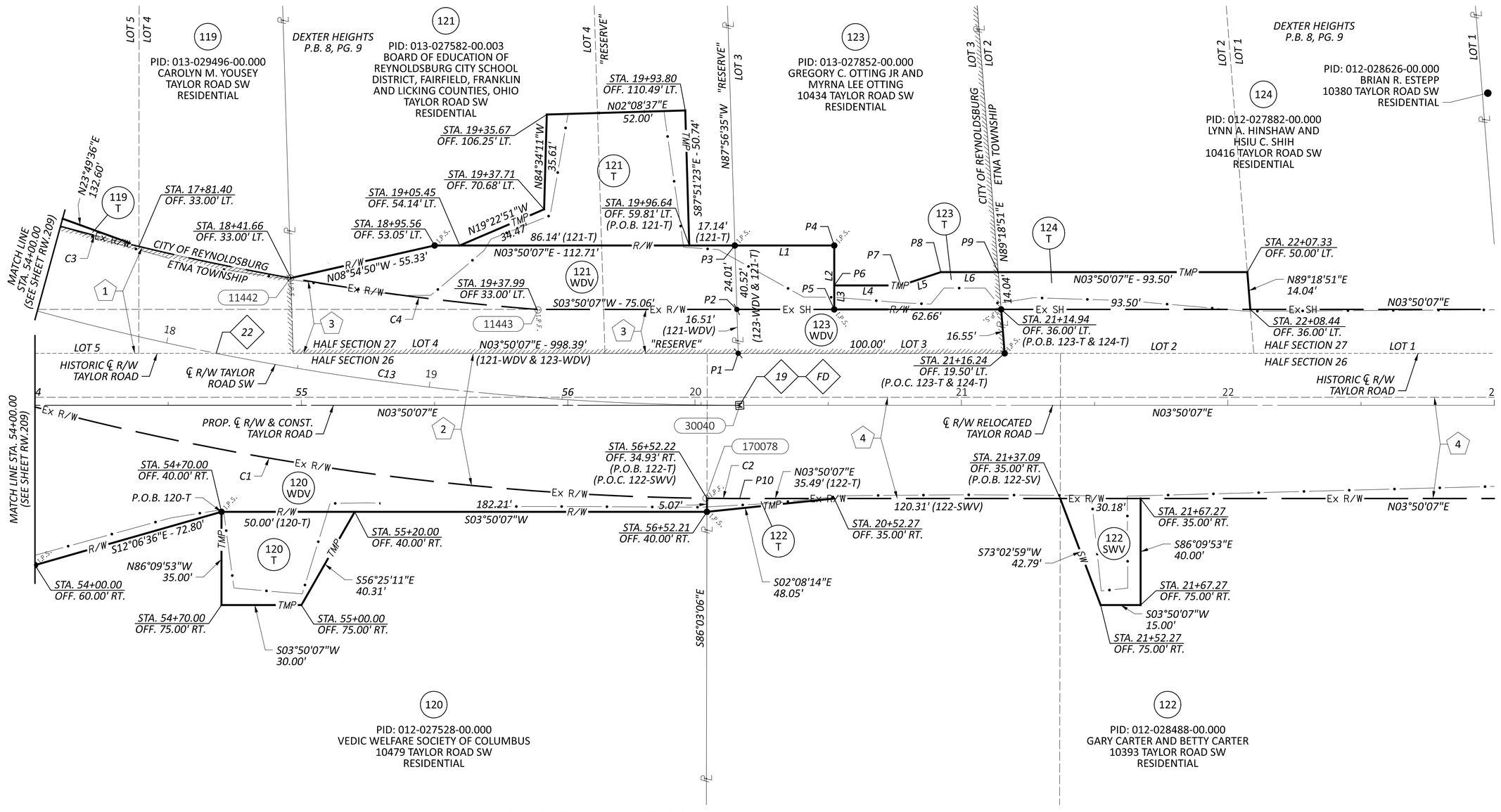
P7: STA. 20+77.27
OFF. 45.00' LT.

P8: STA. 20+92.27
OFF. 50.00' LT.

P9: STA. 21+13.83
OFF. 50.00' LT.

P10: PROP. TAYLOR
STA. 56+64.51
OFF. 35.00' RT.
RELOCATED TAYLOR
STA. 20+16.78
OFF. 35.00' RT.

HORIZONTAL SCALE IN FEET
0 10 20 40



℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

FD PT STA. 20+16.78

19 STA. 56+64.51 (PROP. ℄ R/W TAYLOR ROAD) =
STA. 20+16.78 (℄ R/W TAYLOR ROAD SW) =
STA. 20+16.78 (℄ R/W RELOCATED TAYLOR ROAD)

22 STA. 18+18.98

C1: CURVE DATA
R = 1,035.00'
L = 269.04'
Δ = 14°53'37"
CH BRG = N11°57'45"E
CH DIST = 268.28'

C2: CURVE DATA
R = 1,035.00'
L = 12.29'
Δ = 00°40'49"
CH BRG = N04°10'32"E
CH DIST = 12.29'

C3: CURVE DATA
R = 967.00'
L = 130.70'
Δ = 07°44'39"
CH BRG = S21°11'37"W
CH DIST = 130.60'

C4: CURVE DATA
R = 967.00'
L = 93.15'
Δ = 05°31'09"
CH BRG = S11°06'33"W
CH DIST = 93.11'

L1: N03°50'07"E - 37.29'
L2: S86°09'53"E - 24.00'
L3: N86°09'53"W - 9.00'
L4: N03°50'07"E - 25.00'
L5: N14°35'59"W - 15.81'
L6: N03°50'07"E - 21.56'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

RIGHT-OF-WAY BOUNDARY SHEET - PROP. TAYLOR RD
STA 54+00.00 TO STA 23+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC
MEMBER

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.209 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB348 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:53:13 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB348.dgn

KA PI STA. 37+76.48

KB PI STA. 38+32.09

KC PC STA. 40+45.97

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

MA PC STA. 17+14.18

MB PT STA. 18+65.17

NA PC STA. 00+90.41

NB PT STA. 01+16.83

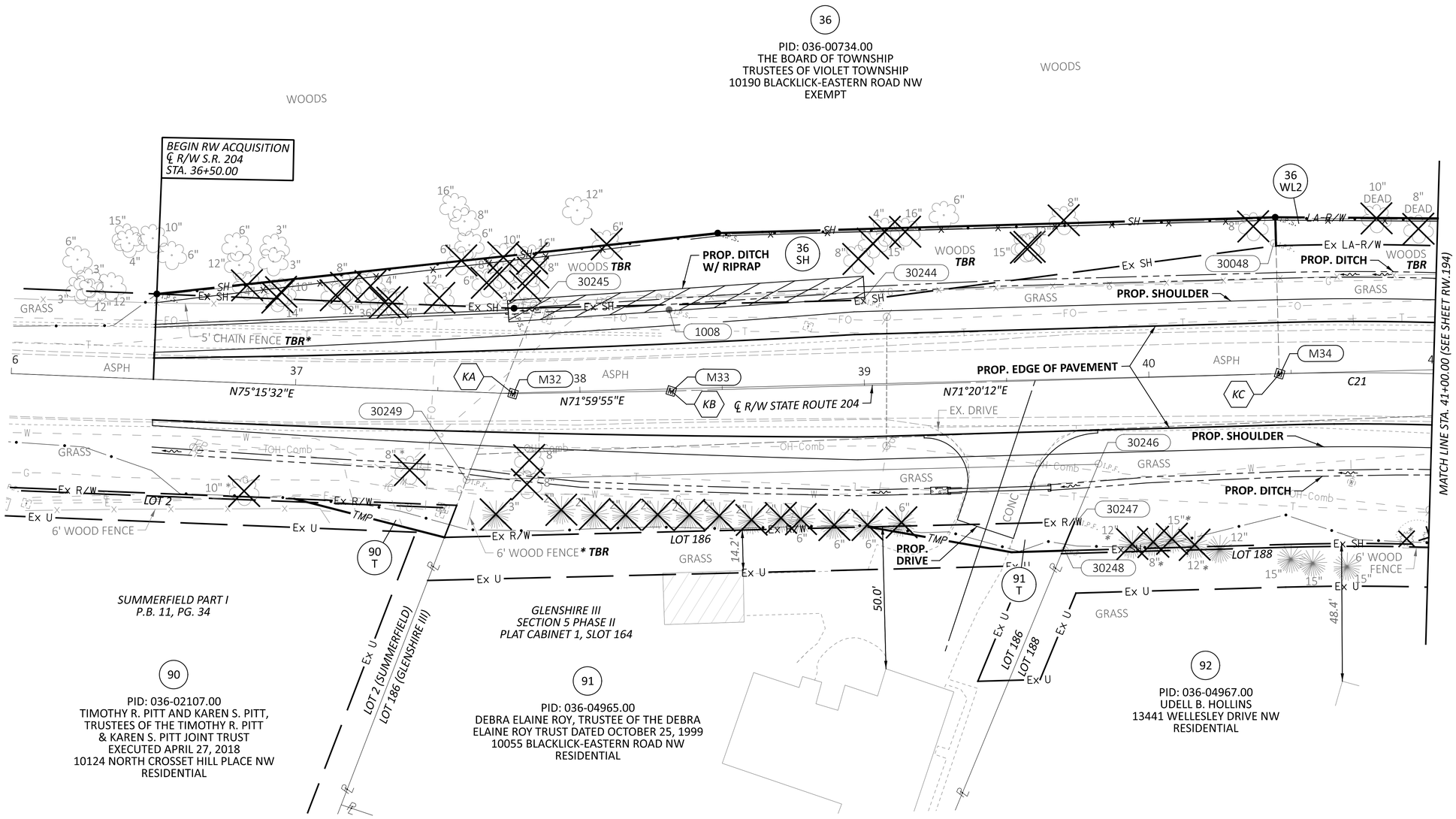
32 STA. 42+45.32 (℄ R/W S.R. 104) = STA. 20+00.00 (PROP ℄ R/W WELLESLEY ROAD)

33 STA. 42+47.15 (℄ R/W S.R. 204) = STA. 16+26.48 (PROP ℄ R/W TAYLOR ROAD)

34 STA. 18+06.48 (℄ R/W WELLESLEY DR) = STA. 00+00.00 (℄ R/W NEEDHAM PLACE NW)

35 STA. 18+65.17

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34 TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - SR 204
STA 36+00.00 TO STA 41+00.00

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT360 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:53:51 PM USER: mmayes
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REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMEREAN STRUCTUREPOINT INC.

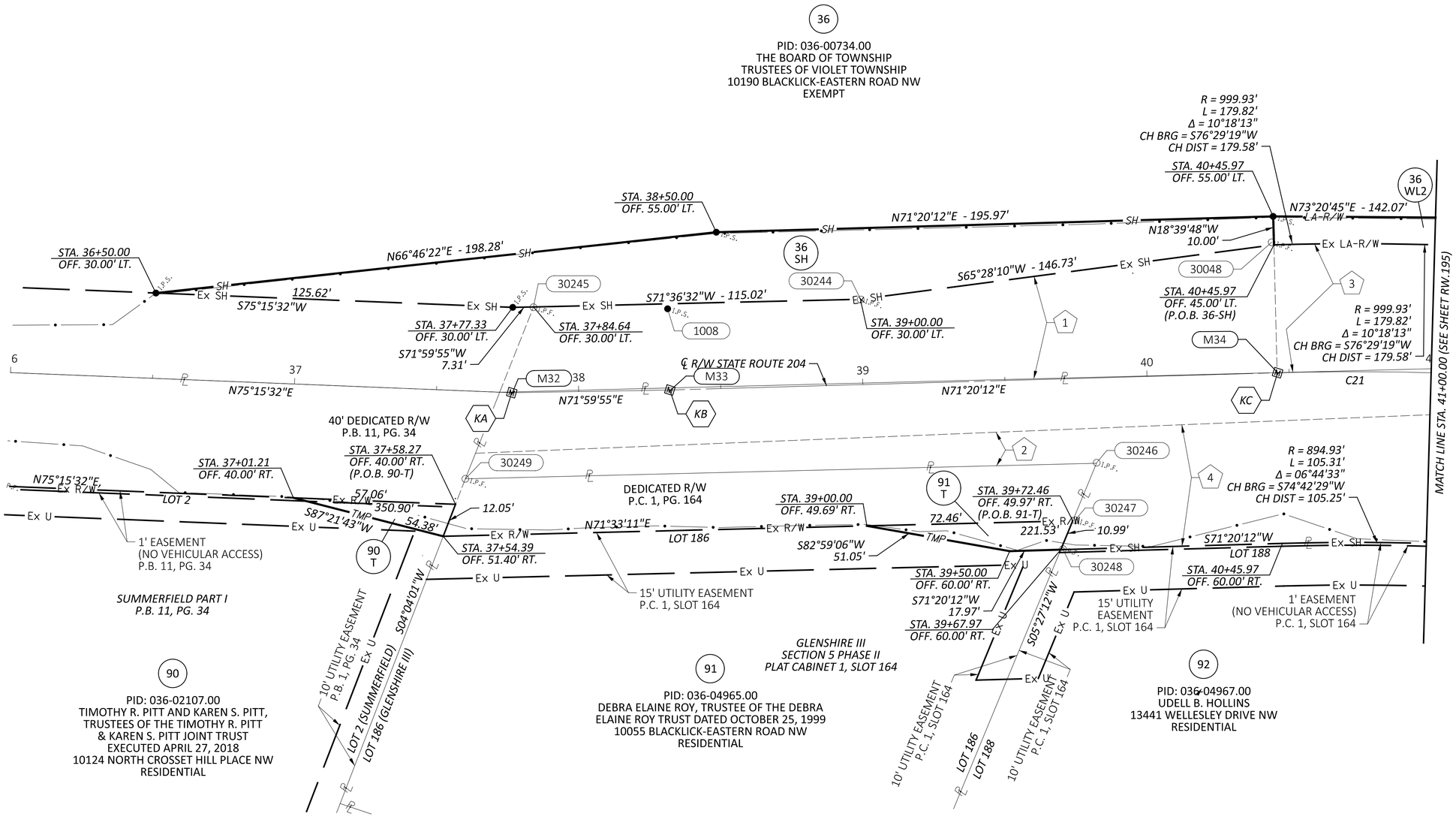
DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.210 TOTAL RW.220

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 34, TOWNSHIP 16, RANGE 20
REFUGEE LANDS



℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

KA PI STA. 37+76.48

KB PI STA. 38+32.09

KC PC STA. 40+45.97

1 PARCEL 1
STATE OF OHIO
FAI-204-00.75
D.B. 628, PG. 81
0.143 AC.

2 PARCEL 2
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 842
0.054 AC.

3 PARCEL 1WL (TRACT 3)
STATE OF OHIO
FAI-70-1.26
O.R. 684, PG. 558
1.023 AC.

4 PARCEL 4
STATE OF OHIO
FAI-204-00.75
D.B. 624, PG. 850
0.284 AC.

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 204
STA 36+00.00 TO STA 41+00.00

DESIGN AGENCY
MEMBER STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.211 TOTAL RW.220

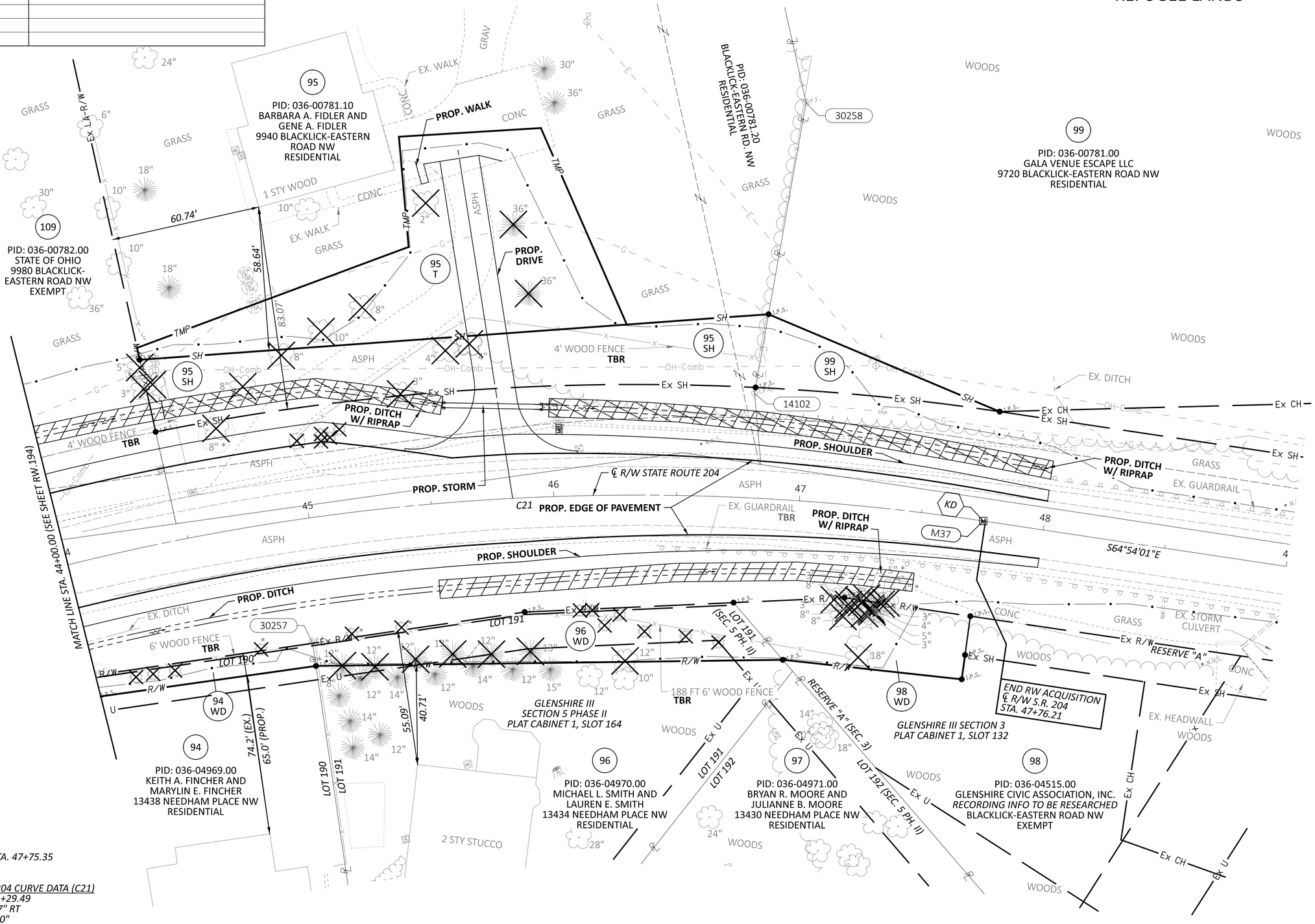
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB360 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:54:15 PM USER: mmayes
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB360.dgn

DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40



KD *PT STA. 47+75.35*

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

RIGHT-OF-WAY TOPO SHEET - SR 204
STA 44+00.00 TO STA 49+00.00

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.212
TOTAL	RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT361 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:54:52 PM USER: mmayes
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DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTION 35, TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - SR 204
STA 44+00.00 TO STA 49+00.00

SEE SHEET RW.197

30257

S85°54'41"E 200.73' (95-SH & 99-SH)

STA. 19+40.61 OFF. 198.72' RT
STA. 44+41.37 OFF. 298.06' LT

Ex LA-IR

109
PID: 036-00782.00
STATE OF OHIO
9980 BLACKLICK-EASTERN ROAD NW
EXEMPT

PARCEL 5WL
STATE OF OHIO
FAI-70-1.26
O.R. 687, PG. 340
1.301 AC.

253.11' (95-SH & 99-SH)

N04°03'14"E

STA. 44+44.90 OFF. 80.00' LT.
STA. 17+22.50 OFF. 198.52' RT.

TMP 5.00'

N86°12'08"E - 117.90'

95
PID: 036-00781.10
BARBARA A. FIDLER AND
GENE A. FIDLER
9940 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

STA. 45+50.00 OFF. 150.00' LT.

N11°34'43"E - 45.00' TMP

STA. 46+00.00 OFF. 150.00' LT.

S76°55'17"E - 57.85'

TMP S07°03'39"E - 87.25'

95 T

PID: 036-00781.20
BLACKLICK-EASTERN RD. NW
RESIDENTIAL

S26°38'32"W

30258

99
PID: 036-00781.00
GALA VENUE ESCAPE LLC
9720 BLACKLICK-EASTERN ROAD NW
RESIDENTIAL

STA. 46+30.00 OFF. 69.40' LT.

STA. 46+83.52 OFF. 75.00' LT.

R = 999.93'
L = 99.87'
Δ = 05°43'22"
CH BRG = N67°45'41"W
CH DIST = 99.83'

STA. 47+75.35 OFF. 45.00' LT.

S50°34'52"E - 102.06'

SH

198.76'

S77°33'57"E - 256.59'

R = 999.93'
L = 245.41'
Δ = 14°03'44"
CH BRG = N77°39'14"W
CH DIST = 244.80'

95 SH

99 SH

30.24'

STA. 46+79.98 OFF. 45.00' LT. (P.O.B. 99-SH)

14102

3

Ex SH

Ex CH

S74°56'31"E

N64°54'01"W

STA. 44+45.00 OFF. 75.00' LT. STA. 17+17.50 OFF. 198.51' RT. (P.O.B. 95-T)

95 SH

30.01'

Ex LA-IR

STA. 44+45.61 OFF. 45.00' LT. STA. 16+87.49 OFF. 198.48' RT. (P.O.C. 95-T) (P.O.B. 95-SH)

1

2

R = 999.93'
L = 345.28'
Δ = 19°47'05"
CH BRG = N74°47'33"E
CH DIST = 343.57'

℄ R/W STATE ROUTE 204

45 46 47 48

C21

R = 954.93'
L = 198.46'
Δ = 11°54'27"
CH BRG = N89°21'41"E
CH DIST = 198.10'

N25°05'59"E 45.00'

KD

M37

PARCEL 1-WD
STATE OF OHIO
D.B. 603, PG. 768
3.057 AC.

S64°54'01"E

PARCEL 1-WD
STATE OF OHIO
D.B. 603, PG. 768
3.057 AC.

MATCH LINE STA. 44+00.00 (SEE SHEET RW.195)

STA. 46+75.08 OFF. 42.88' RT. (P.O.B. 96-WD) (P.O.B. 98-WD)

STA. 47+21.91 OFF. 37.78' RT.

STA 44+94.03 OFF 50.66' RT

1' EASEMENT (NO VEHICULAR ACCESS) P.C. 1, SLOT 164

STA 45+85.86 OFF 46.46' RT

S76°00'02"E

Ex R/W

45.14'

Ex R/W

51.82'

S24°20'39"W 25.92'

S65°03'08"E

STA. 47+75.87 OFF. 39.08' RT.

Ex R/W RESERVE "A"

30257

S81°46'53"E 87.22'

LOT 191

85.09'

30.70'

LOT 191 (SEC. 5 PH. II)

E1

96 WD

98 WD

LOT 190

9.34'

90.00'

R/W

Ex U

R/W

N74°10'18"W - 189.99'

R/W

N67°12'31"W - 73.26'

Ex SH

4

N64°54'01"W

N81°28'07"W - 90.00'

STA. 44+94.03 OFF. 60.00' RT.

STA. 46+97.64 OFF. 65.00' RT.

STA. 47+76.08 OFF. 55.00' RT.

STA. 47+76.21 OFF. 64.99' RT.

94 WD

S08°15'22"W

LOT 190

LOT 191

10' UTILITY EASEMENT P.C. 1, SLOT 164

LOT 191

LOT 192

97

RESERVE "A" (SEC. 3)

S24°09'00"E

15' DRAINAGE EASEMENT P.C. 1, SLOT 164

LOT 192 (SEC. 5 PH. II)

E2

Ex CH

E3

Ex CH

E4

94
PID: 036-04969.00
KEITH A. FINCHER AND
MARYLIN E. FINCHER
13438 NEEDHAM PLACE NW
RESIDENTIAL

96
PID: 036-04970.00
MICHAEL L. SMITH AND
LAUREN E. SMITH
13434 NEEDHAM PLACE NW
RESIDENTIAL

GLENSHIRE III
SECTION 5 PHASE II
PLAT CABINET 1, SLOT 164

97
PID: 036-04971.00
BRYAN R. MOORE AND
JULIANNE B. MOORE
13430 NEEDHAM PLACE NW
RESIDENTIAL

GLENSHIRE III SECTION 3
PLAT CABINET 1, SLOT 132

98
PID: 036-04515.00
GLENSHIRE CIVIC ASSOCIATION, INC.
BLACKLICK-EASTERN ROAD NW
EXEMPT

℄ R/W S.R. 204 CURVE DATA (C21)
P.I. = STA. 44+29.49
Δ = 43°45'47" RT
Dc = 06°00'00"
R = 954.93'
T = 383.52'
L = 729.38'

KD PT STA. 47+75.35

1 PARCEL 3 STATE OF OHIO FAI-204-00.75 D.B. 624, PG. 840 0.039 AC.

2 PARCEL 5 STATE OF OHIO FAI-204-00.75 D.B. 624, PG. 852 0.093 AC.

3 PARCEL 7 STATE OF OHIO FAI-204-00.75 D.B. 650, PG. 223 0.994 AC.

4 PARCEL 12 STATE OF OHIO FAI-204-00.75 D.B. 628, PG. 89 0.221 AC.

E1 15' UTILITY EASEMENT P.C. 1, PG. 164

E2 20' WATER LINE EASEMENT P.C. 1, PG. 132

E3 PARCEL 12A-X STATE OF OHIO FAI-204-00.75 D.B. 628, PG. 89 0.173 AC.

E4 40' DRAINAGE EASEMENT P.C. 1, PG. 132

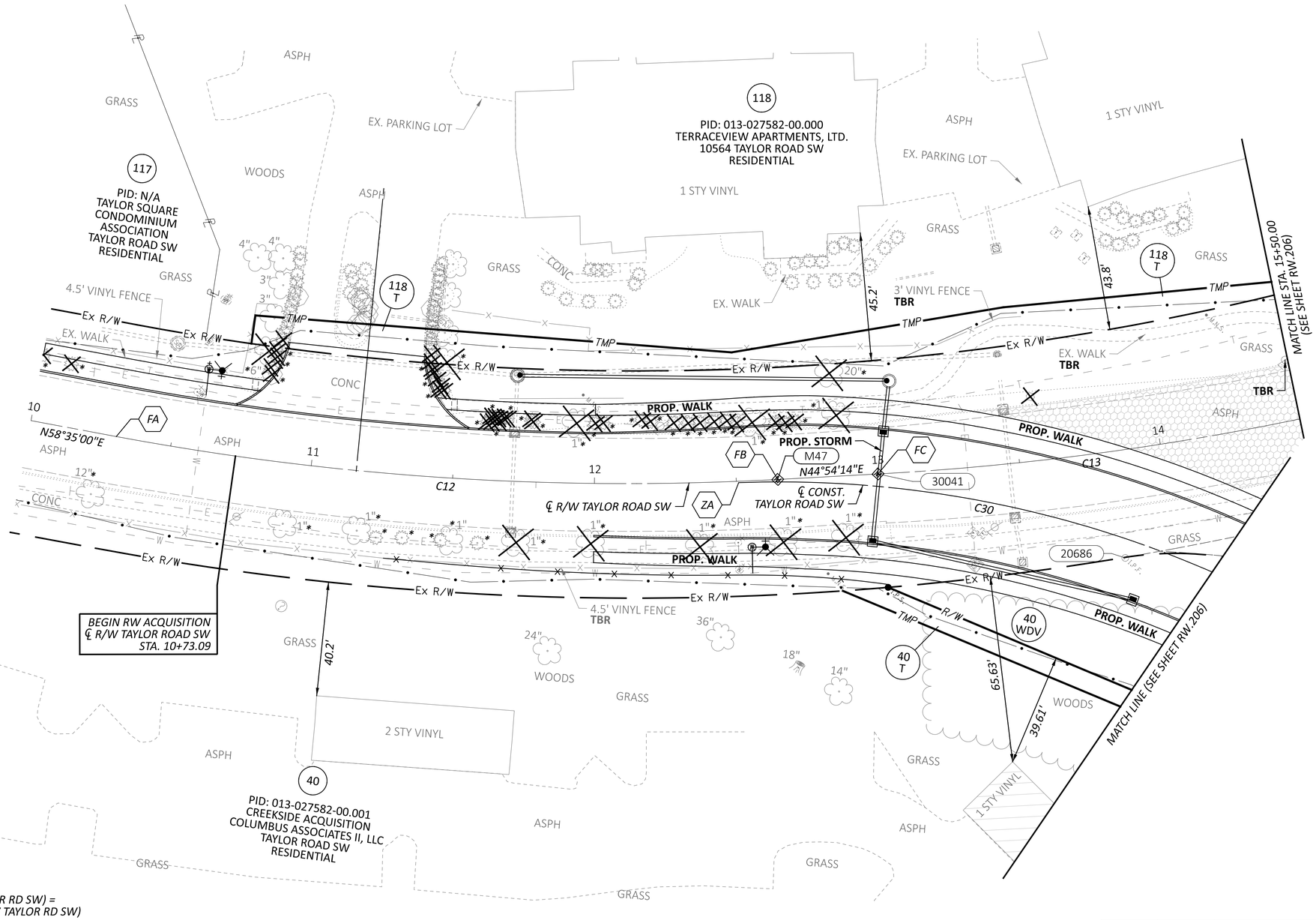
FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RB361 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 2:33:28 PM USER: jyoumans
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Fairfield\96808\401-Engineering_StructurePoint\RW\Sheets\96808_RB361.dgn

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER	JBY
REVIEWER	MJW 05/23/25
PROJECT ID	96808
SHEET	RW.213
TOTAL	RW.220

LICKING COUNTY, CITY OF REYNOLDSBURG
HALF SECTIONS 27 , TOWNSHIP 16, RANGE 20
REFUGEE LANDS



FA PC STA. 10+30.54

FB PT STA. 12+64.63

FC PC STA. 13+00.00

ZA PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) =
STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)

℄ R/W TAYLOR ROAD SW CURVE DATA (C12)
P.I. = STA. 11+48.14
Δ = 13°40'46" LT
Dc = 05°50'37"
R = 980.46'
T = 117.60'
L = 234.09'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - TAYLOR RD SW
STA 10+00.00 TO STA 14+50.00

DESIGN AGENCY
STRUCTUREPOINT

DESIGNER JBY

REVIEWER MJW 05/23/25

PROJECT ID 96808

SHEET RW.214 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT370 PAPERSIZE: 34x22 (in.) DATE: 5/23/2025 TIME: 3:23:59 PM USER: jyoumans
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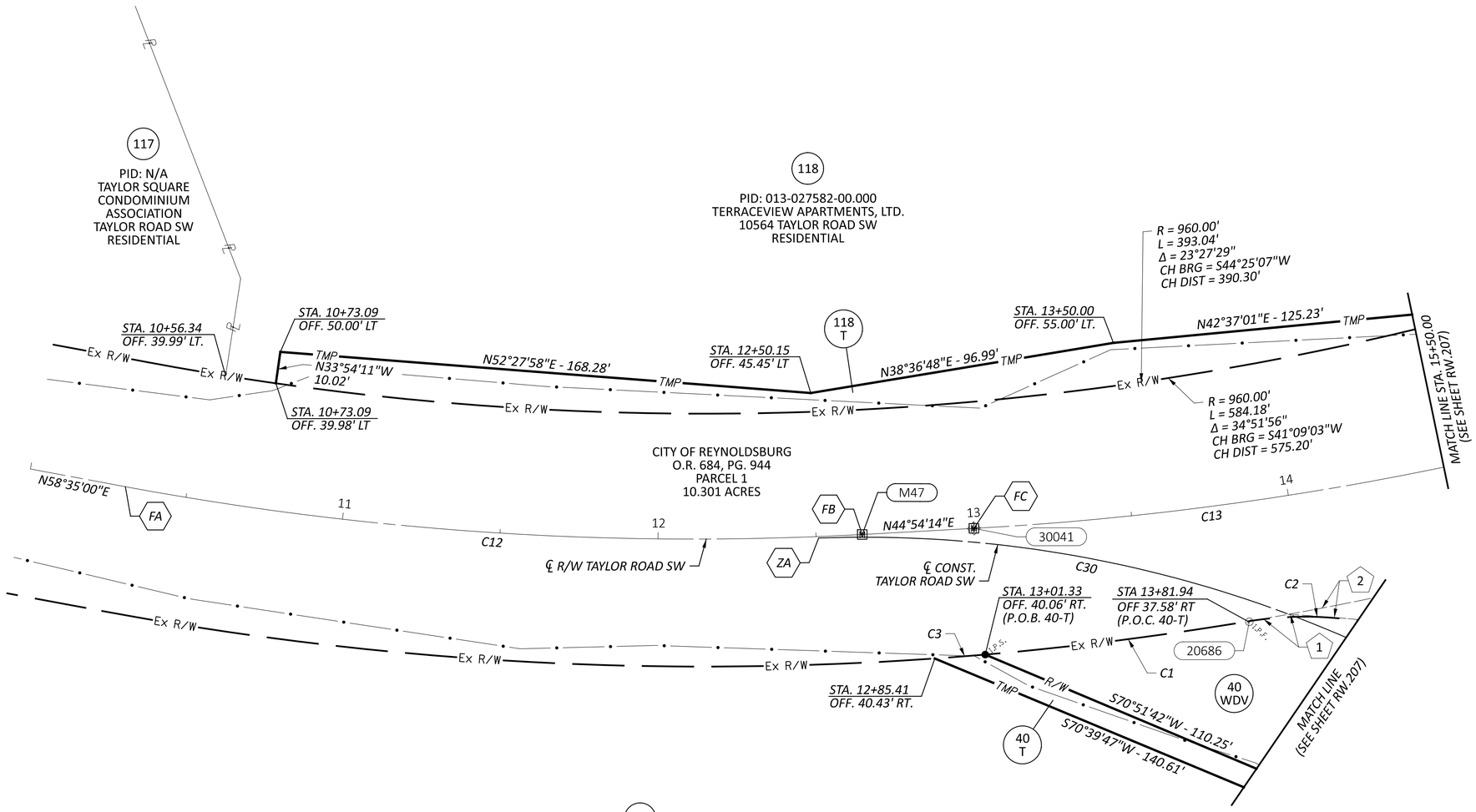
LICKING COUNTY, CITY OF REYNOLDSBURG
HALF SECTIONS 27 , TOWNSHIP 16, RANGE 20
REFUGEE LANDS



FA PC STA. 10+30.54

FB PT STA. 12+64.63

FC PC STA. 13+00.00

ZA PRC STA. 12+50.80 (℄ CONST. TAYLOR RD SW) =
STA. 12+50.81, OFF. 0.47' RT (℄ R/W TAYLOR RD SW)

1 CITY OF REYNOLDSBURG, OHIO
I.N. 199908200035184
0.035 ACRES

2 CITY OF REYNOLDSBURG
O.R. 684, PG. 944
PARCEL 2
0.306 ACRES

℄ R/W TAYLOR ROAD SW CURVE DATA (C12)
P.I. = STA. 11+48.14
Δ = 13°40'46" LT
Dc = 05°50'37"
R = 980.46'
T = 117.60'
L = 234.09'

℄ R/W TAYLOR ROAD SW CURVE DATA (C13)
P.I. = STA. 16+74.57
Δ = 41°04'07" LT
Dc = 05°43'46"
R = 1,000.00'
T = 374.57'
L = 716.78'

℄ CONST. TAYLOR ROAD SW CURVE DATA (C30)
P.I. = STA. 13+90.69
Δ = 40°13'45" RT
Dc = 15°00'00"
R = 381.97'
T = 139.89'
L = 268.20'

C1: CURVE DATA
R = 1,040.00'
L = 83.78'
Δ = 04°36'57"
CH BRG = S40°49'30"W
CH DIST = 83.76'

C2: CURVE DATA
R = 111.28'
L = 106.61'
Δ = 54°53'24"
CH BRG = N66°09'59"E
CH DIST = 102.58'

C3: CURVE DATA
R = 1,040.00'
L = 15.98'
Δ = 00°52'49"
CH BRG = N43°34'23"E
CH DIST = 15.98'

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - TAYLOR RD SW
STA 10+00.00 TO STA 14+50.00

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.215 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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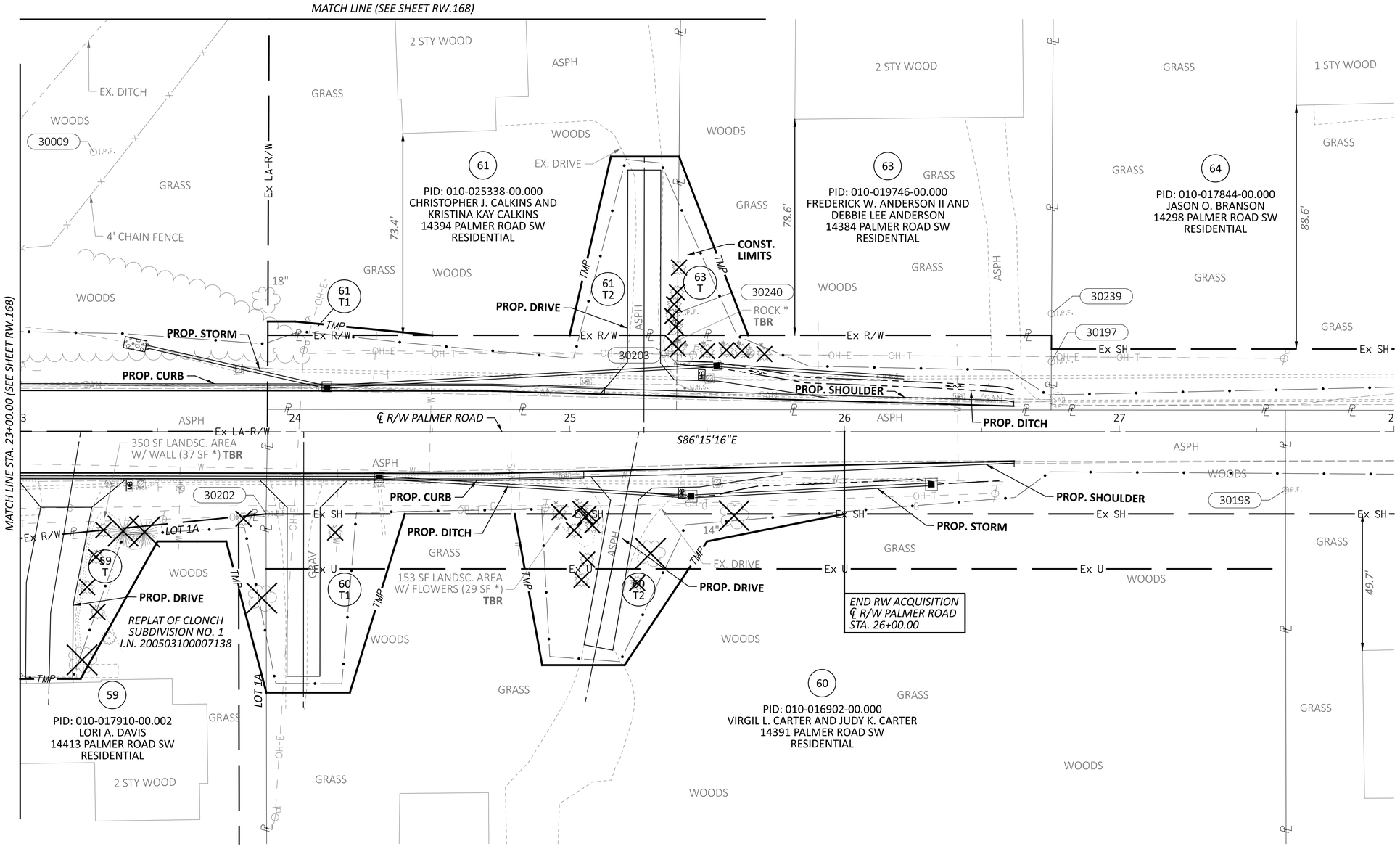
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25
TOWNSHIP 16, RANGE 20
REFUGEE LANDS

HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PALMER RD
STA 23+00.00 TO STA 28+00.00



REV. BY	DATE	DESCRIPTION

DATE COMPLETED

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.216 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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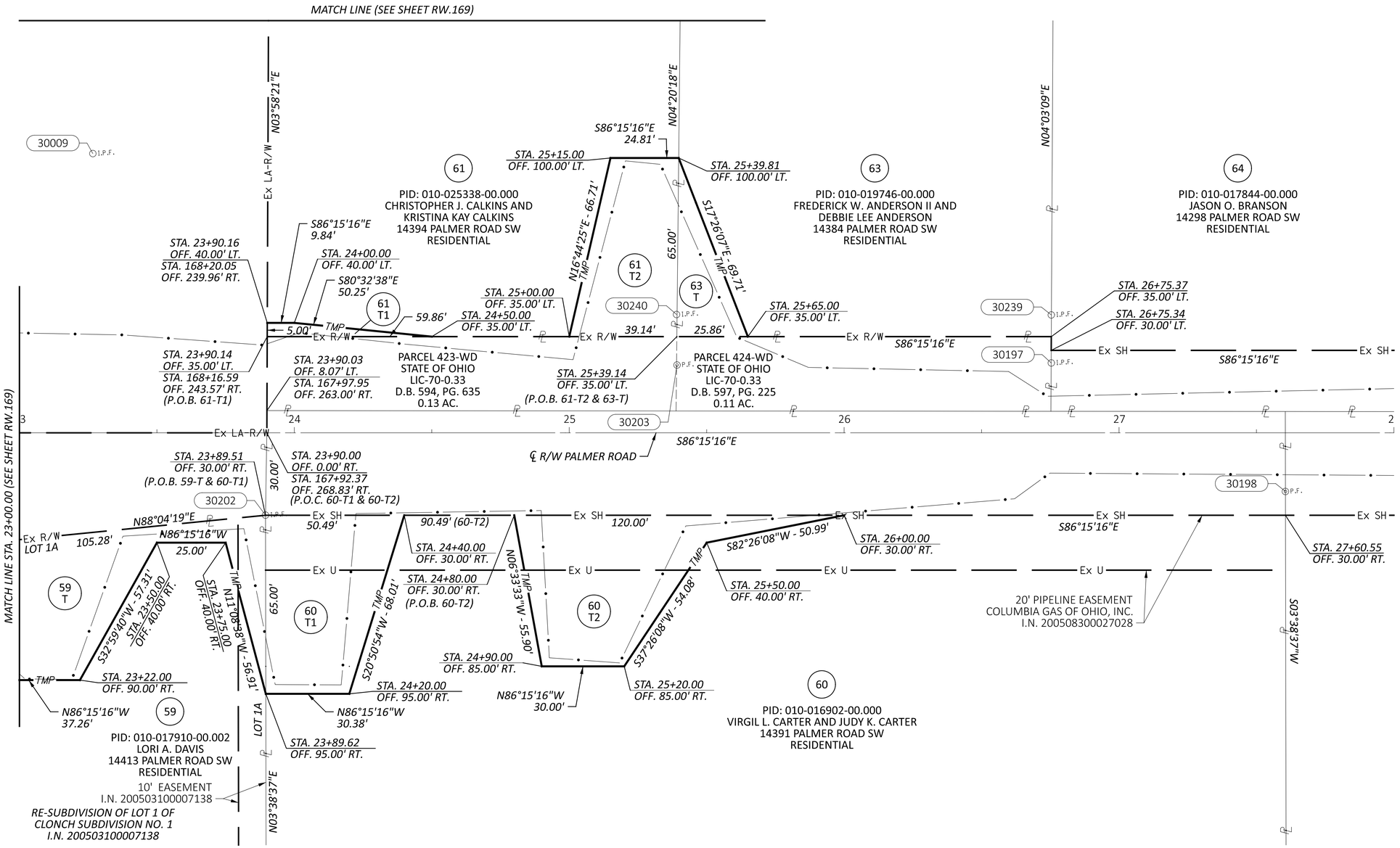
LICKING COUNTY, ETNA TOWNSHIP
HALF SECTION 25
TOWNSHIP 16, RANGE 20
REFUGEE LANDS



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY BOUNDARY SHEET - PALMER RD
STA 23+00.00 TO STA 28+00.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER JBY
REVIEWER MJW 05/23/25
PROJECT ID 96808
SHEET RW.217 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

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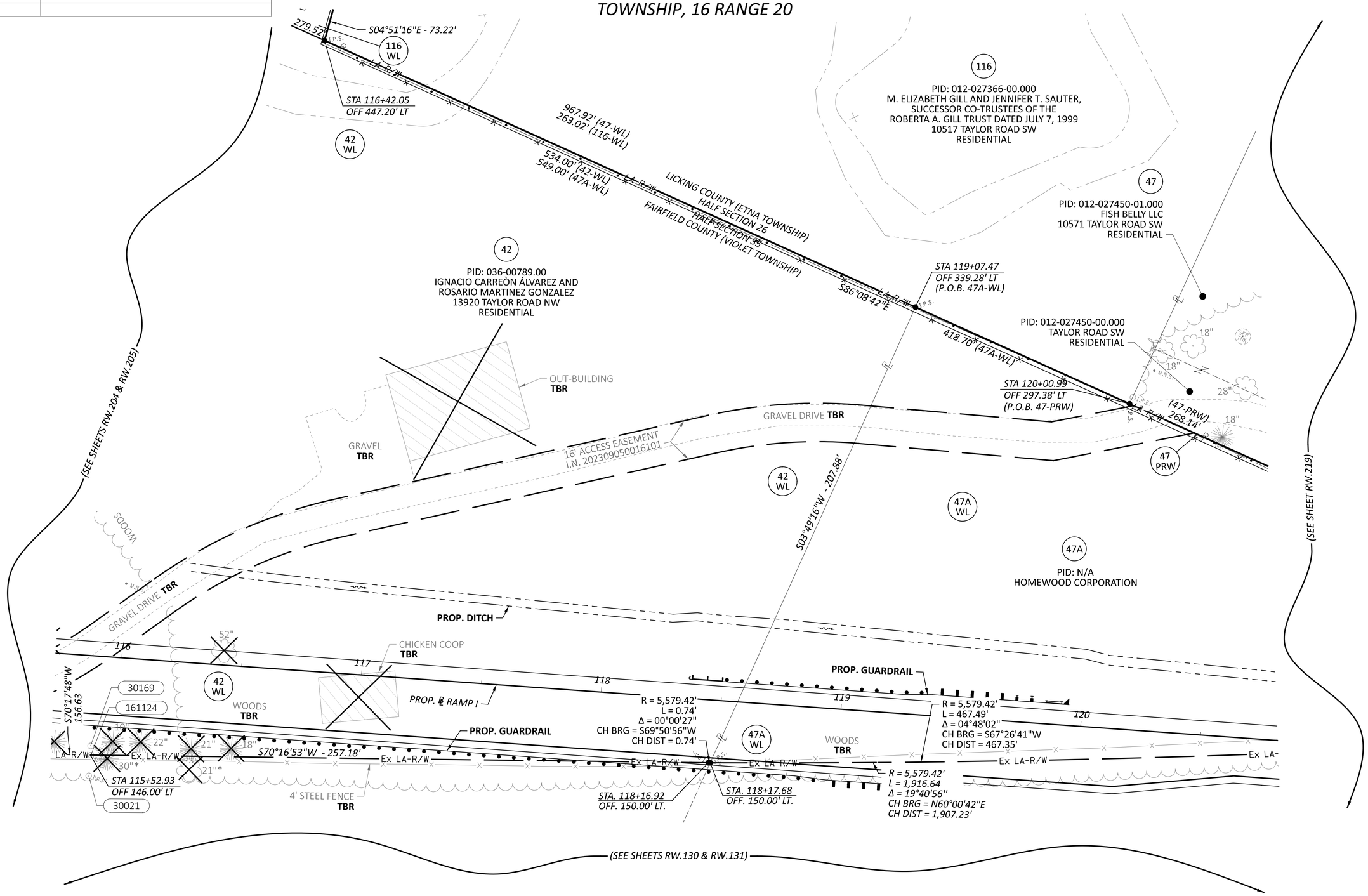
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 26, 35
TOWNSHIP, 16 RANGE 20



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PARCEL 42

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.218 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT390 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:57:55 PM USER: mmayes
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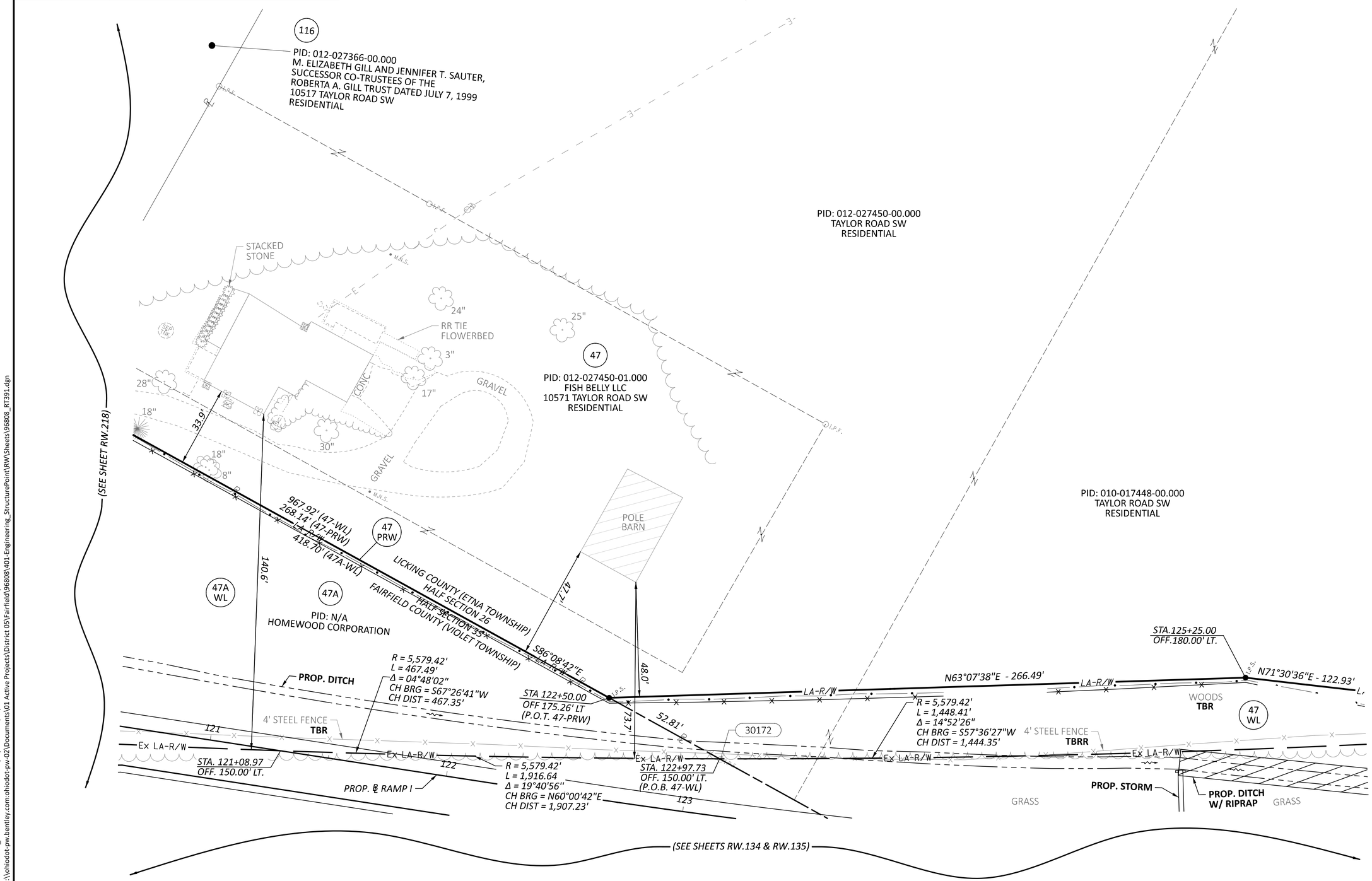
DATE COMPLETED		
REV. BY	DATE	DESCRIPTION

LICKING COUNTY, ETNA TOWNSHIP
FAIRFIELD COUNTY, VIOLET TOWNSHIP
HALF SECTIONS 26, 35
TOWNSHIP, 16 RANGE 20



HORIZONTAL SCALE IN FEET
0 10 20 40

RIGHT-OF-WAY TOPO SHEET - PARCEL 47

DESIGN AGENCY
AMERICAN STRUCTUREPOINT INC.

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.219 TOTAL RW.220

FAI/LIC-IR 70-0.00/0.00

MODEL: 96808_RT391 PAPERSIZE: 34x22 (in.) DATE: 5/22/2025 TIME: 11:58:16 PM USER: mmayes
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EASEMENT OVERLAP TABLE				
PROPOSED PARCEL	**PROPOSED PARCEL GROSS AREA (*ACRES*)**	**EXISTING EASEMENT**	**EXISTING EASEMENT AREA**	**EASEMENT OVERLAP AREA**
20-T	*0.122*	*20' SANITARY*	*0.213 (c)*	*ALL*
		DB 437, PG. 374		
22-T	*0.259*	*20' SANITARY*	*0.327*	*0.144 (c)*
		D.B. 437, PG. 374		
		20' SANITARY	*0.069*	*0.06 (c)*
		D.B. 414, PG. 56		
		PARCEL 311-Y	*1.683*	*0.085 (c)*
		D.B. 347, PG. 127		
		100' SANITARY	*2.872*	*0.009 (c)*
		O.R. 1336C09		
		22-T NET OVERLAP		
90-T	*0.008*	*10'/15' UTILITY*	*.086 (c)*	*0.006 (c)*
		P.B. 1, PG. 34		
91-T	*0.010*	*15'/10' UTILITY*	*.086 (c)*	*0.010 (c)*
		P.C. 1, SLOT 164		
92-T	*0.039*	*10'/15' UTILITY*	*.103 (c)*	*0.028 (c)*
		P.C. 1, SLOT 164		
107-T	*0.030*	*10'/15' UTILITY*	*.055 (c)*	*.003 (c)*
		P.C. 1, SLOT 164		
111-T	*0.083*	*15' UTILITY*	*.072 (c)*	*0.005 (c)*
		P.C. 2, SLOT 96		
		30' DRAINAGE	*.038 (c)*	*0.001 (c)*
		P.C. 2, SLOT 95		
		111-T NET OVERLAP		
112-T	*0.024*	*15' UTILITY*	*.041 (c)*	*0.055 (c)*
		P.C. 2, SLOT 96		
		30' DRAINAGE	*.046 (c)*	*0*
		P.C. 2, SLOT 96		
		112-T NET OVERLAP		
113-T	*0.072*	*15' UTILITY*	*.040 (c)*	*0.023*
		P.C. 2, SLOT 96		
114-T	*0.960*	*25' SANITARY*	*.060 (c)*	*0.015 (c)*
		P.C. 2, PG. 96		
		15' UTILITY	*.109 (c)*	*0.022 (c)*
		P.C. 2, SLOT. 97		
		114-T NET OVERLAP		
59-T	*0.046*	*10' EASEMENT*	*.090 (c)*	*0.009 (c)*
		I.N. 200503100007138		
60-T	*0.051*	*20' PIPELINE*	*.170 (c)*	*.022 (c)*
		I.N. 200508300027028		
60-T2	*0.037*	*20' PIPELINE*	*.170 (c)*	*.036 (c)*
		I.N. 200508300027028		

EASEMENT OVERLAP TABLES

FAI/LIC-IR 70-0.00/0.00

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DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
JBY

REVIEWER
MJW 05/23/25

PROJECT ID
96808

SHEET RW.220 TOTAL RW.220