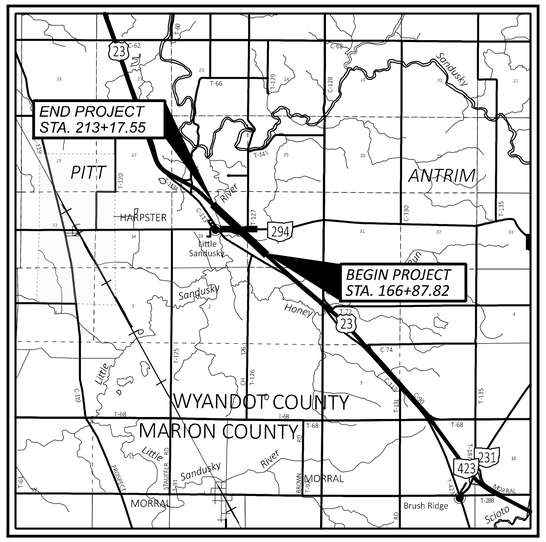
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

WYA-23-3.47

PITT TOWNSHIP

WYANDOT COUNTY



LOCATION MAP

LATITUDE: 40°44'18" LONGITUDE: 83°12'33"

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

DESIGN DESIGNATION

	US-23	SR-294	TR-127
CURRENT ADT (2028)	17500	430	240
DESIGN YEAR ADT (2048)	19560	460	250
DESIGN HOURLY VOLUME (2048)	2150	50	30
DIRECTIONAL DISTRIBUTION	51%	60%	60%
TRUCKS (24 HOUR B&C)	32%	11%	0%
DESIGN SPEED	70 MPH	60 MPH	55 MPH
LEGAL SPEED	65 MPH	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	03 PRINCIPAL ARTERIAL (RURAL)	06 MINOR COLLECTOR (RURAL)	07 LOCAL (RURAL)
NHS PROJECT	YES	NO	NO

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE 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:
E.L. ROBINSON ENGINEERING
950 Goodale Blvd, Suite 180 · Grandview Heights, Ohio 43212
www.elrobinsonengineering.com

ENGINEER'S SEAL:

SIGNED: _____
DATE: _____

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STANDARD CONSTRUCTION DRAWINGS

BP-1.1	7/28/00	MGS-4.3	7/18/25	MT-95.50	7/21/17	TC-41.41	7/19/19				
BP-2.1	1/21/22	MGS-6.1	1/19/18	MT-99.30	1/17/20	TC-41.50	10/18/13				
BP-2.2	1/15/21	MGS-6.2	7/18/25	MT-99.50	7/18/25	TC-42.10	10/18/13				
BP-2.3	7/18/14			MT-99.60	7/19/24	TC-42.20	10/18/13				
BP-3.1	1/19/24	AS-1-15	1/20/23	MT-101.60	1/17/25	TC-52.10	10/18/13				
BP-4.1	7/19/13	AS-2-15	7/21/23	MT-101.70	7/19/24	TC-52.20	1/15/21				
BP-5.1	7/18/25	PSID-1-13	7/18/25	MT-101.90	7/17/20	TC-61.30	7/19/24				
		SBR-1-20	7/19/24	MT-102.20	4/19/19	TC-65.10	1/17/14				
F-2.1	7/20/18	SICD-1-21	1/19/24	MT-104.10	1/19/24	TC-65.11	1/17/25				
F-3.3	7/19/13	SICD-2-14	1/15/21			TC-71.10	7/18/25				
F-3.4	7/19/13	VPF-1-24	1/17/25	TC-21.11	7/16/21	TC-73.20	1/17/25				
				TC-21.21	7/18/25						
MGS-2.1	7/18/25	ITS-14.50	7/18/25	TC-22.20	7/18/25						
MGS-3.1	7/18/25			TC-41.10	7/19/13						
MGS-3.2	7/18/25	MT-95.30	7/18/25	TC-41.30	4/21/23						
MGS-4.2	7/18/25	MT-95.40	7/18/25	TC-41.40	10/18/13						

SUPPLEMENTAL SPECIFICATIONS

800-2023	7/18/25
840	1/17/25

SPECIAL PROVISIONS

ASBESTOS REPORT	4/23/25

FEDERAL PROJECT NUMBER

E240 (551)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

REMOVE THE AT-GRADE CROSSING AND CONSTRUCT A NEW DIAMOND INTERCHANGE AT US-23 AND SR-294 BY ELEVATING THE SR-294 ROADWAY OVER THE US-23 ROADWAY. THIS ALSO INCLUDES REALIGNMENT AND WIDENING OF TR-127.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	34.4 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.7 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	35.1 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 AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

_____
District Deputy Director

_____
Director, Department of Transportation

Preliminary Plans - For Reference Only

TITLE SHEET

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.1 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 1:57:13 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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Preliminary Plans - For Reference Only

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GB001.dgn

HORIZONTAL SCALE IN FEET
0 100 200 400

SCHEMATIC PLAN

23-1

CURVE DATA
P.I. = STA. 154+58.90
Δ = 02°32'09" RT
Dc = 00°16'00"
R = 21,485.92'
T = 475.55'
L = 950.94'
E = 5.26'
PC = Sta. 149+83.35
PT = Sta. 159+34.29

A-1

SPIRAL DATA
P.I. = STA. 480+77.96
Ls = 210.00'
Θs = 07°52'30"
LT = 140.14'
ST = 70.13'
x = 209.60'
y = 9.61'
k = 104.93'
p = 2.40'
C = 209.82'
TS = Sta. 479+37.82
SC = Sta. 481+47.82
C.B. = N51°07'58"W

A-2

CURVE DATA
P.I. = STA. 483+26.13
Δ = 26°16'35" LT
Dc = 07°30'00"
R = 763.94'
T = 178.31'
L = 350.35'
E = 20.53'
SC = Sta. 481+47.82
PT = Sta. 484+98.17
e_{MAX} = 0.080 (50 MPH)

A-3

CURVE DATA
P.I. = STA. 489+42.54
Δ = 62°10'33" RT
Dc = 18°00'00"
R = 318.31'
T = 191.92'
L = 345.42'
E = 53.38'
PC = Sta. 487+50.62
PT = Sta. 490+96.04
e_{MAX} = 0.080 (35 MPH)

294-1

CURVE DATA
P.I. = STA. 304+12.10
Δ = 01°14'48" RT
Dc = 00°32'00"
R = 10,742.96'
T = 116.87'
L = 233.73'
E = .64'
PC = Sta. 302+95.23
PT = Sta. 305+28.96
e_{MAX} = = N.C. (60 MPH)

294-2

CURVE DATA
P.I. = STA. 308+44.30
Δ = 01°07'16" LT
Dc = 00°32'00"
R = 10,742.96'
T = 105.10'
L = 210.20'
E = 0.51'
PC = Sta. 307+39.19
PT = Sta. 309+49.39
e_{MAX} = = N.C. (60 MPH)

B-1

CURVE DATA
P.I. = STA. 594+45.53
Δ = 15°53'05" LT
Dc = 06°00'00"
R = 954.93'
T = 133.23'
L = 264.74'
E = 9.25'
PC = Sta. 593+12.30
PCC = Sta. 595+77.05
e_{MAX} = 0.051 (35 MPH)

B N20°29'02"W

B-2

CURVE DATA
P.I. = STA. 599+70.90
Δ = 10°59'38" LT
Dc = 01°24'00"
R = 4,092.56'
T = 393.85'
L = 785.28'
E = 18.91'
PCC = Sta. 595+77.05
PT = Sta. 603+62.33
e_{MAX} = 0.044 (65 MPH)

A N20°29'02"W

BEGIN WORK STA. 157+35.55
PT STA. 159+34.29
BEGIN PROJECT STA. 166+87.82 S.L.M. 3.06
E240(551)
BEGIN WORK STA. 304+75.00
℄ CONST. SR 294 STA. 309+55.00 = ℄ CONST. RAMP A STA. 492+80.97 = ℄ CONST. RAMP B STA. 591+27.28
℄ CONST. RAMP A
WETLAND B
STREAM 2
42" CULVERT, TYPE A
TS STA. 479+37.82 = STA. 179+37.82, 74.0' LT ℄ CONST. US 23
SC STA. 481+47.82
PT STA. 484+98.17
PC STA. 487+50.62
PT STA. 490+96.04
PC STA. 302+95.23
PT STA. 305+28.96
PC STA. 307+39.19
PT STA. 309+49.39
POT STA. 300+00.00 ℄ R/W SR 294 STA. 32+90.35, 2.55' LT
N89°44'18"E 30
SANDUSKY ST (CR 113)
N89°23'26"E 300
LITTLE SANDUSKY RIVER
35
℄ CONST. SR 294
WETLAND C
N82°39'34"W 485
N89°30'58"W 310
S89°21'46"E 305
40
42" CONDUIT, TYPE B
℄ CONST. RAMP B
PC STA. 593+12.30
PCC STA. 595+77.05
595
600
PT STA. 603+62.33 = STA. 203+62.33, 61.0' LT ℄ CONST. US 23
MATCH LINE STA. 206+00
42" CONC.
42" RCP
480
490
155 160 165 170 175 180 185 190 195 200 205
675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920

23-1

STRUCTURE NO. WYA-23-0347
℄ CONST. US 23
WETLAND A
27" CONDUIT, TYPE A
℄ CONST. RAMP D
℄ CONST. RAMP C
PCC STA. 681+07.18
PT STA. 683+56.23
36" CULVERT, TYPE A
℄ CONST. SR 294 STA. 318+65.37 = ℄ CONST. RAMP C STA. 685+44.47 = ℄ CONST. RAMP D STA. 783+88.64
PC STA. 672+54.61 = STA. 172+54.61, 61.0' RT ℄ CONST. US 23
N82°14'54"W
PC STA. 792+23.19
CS STA. 796+00.19
ST STA. 798+10.19 = STA. 198+10.19, 74.0' RT ℄ CONST. US 23
42" CONDUIT, TYPE C
PI STA. 52+81.82
PC STA. 785+61.82
PT STA. 789+73.59
12" CONC.
27" CULVERT, TYPE A
℄ CONST. SR 294 STA. 325+35.00 = ℄ R/W & CONST. TR 127 STA. 900+00.00
END WORK STA. 326+05.00
POT STA. 327+59.30 ℄ R/W SR 294 STA. 60+49.61, 1.00' LT
24" CULVERT, TYPE A
ORIGINAL ℄ OF TR 127
℄ R/W & CONST. TR 127
PC STA. 900+93.31
N20°16'28"W
N00°03'54"W
PC STA. 8+42.17
PT STA. 10+42.87
PCC STA. 9+56
POT STA. 11+40.00
O127-1
CURVE DATA
P.I. = STA. 9+43.56
Δ = 20°04'12" RT
Dc = 10°00'00"
R = 572.96'
T = 101.39'
L = 200.7'
E = 8.9'
PC = Sta. 8+42.17
PT = Sta. 10+42.87
N00°12'16"W
℄ R/W TR 127 & SEC LINE
N39°41'38"W
PT STA. 907+50.31
PC STA. 909+09.52
127-1
127-2
℄ RW SR 294
N89°23'17"E
END WORK STA. 917+00.00
8" CONC.
PT STA. 915+73.54 = ℄ R/W TR 127 & SEC LINE STA. 14+40.26
N00°03'54"W
65 70 75

C-1

CURVE DATA
P.I. = STA. 676+82.45
Δ = 11°56'10" RT
Dc = 01°24'00"
R = 4,092.56'
T = 427.84'
L = 852.57'
E = 22.3'
PC = Sta. 672+54.61
PCC = Sta. 681+07.18
e_{MAX} = 0.044 (65 MPH)

C N20°29'02"W

C-2

CURVE DATA
P.I. = STA. 682+32.42
Δ = 14°56'33" RT
Dc = 06°00'00"
R = 954.93'
T = 125.23'
L = 249.04'
E = 8.18'
PCC = Sta. 681+07.18
PT = Sta. 683+56.23
e_{MAX} = 0.051 (35 MPH)

D-1

CURVE DATA
P.I. = STA. 787+90.27
Δ = 61°45'52" LT
Dc = 15°00'00"
R = 381.97'
T = 228.44'
L = 411.76'
E = 63.10'
PC = Sta. 785+61.82
PT = Sta. 789+73.59
e_{MAX} = 0.078

D N20°29'02"W

D-2

CURVE DATA
P.I. = STA. 794+15.09
Δ = 26°23'24" RT
Dc = 07°00'00"
R = 818.51'
T = 191.9'
L = 377'
E = 22.2'
PC = Sta. 792+23.19
CS = Sta. 796+00.19
e_{MAX} = 0.080

D-3

SPIRAL DATA
P.I. = STA. 796+70.30
Ls = 210.00'
Θs = 07°21'00"
LT = 140.12'
ST = 70.11'
x = 209.08'
y = 17.93'
k = 104.94'
p = 2.24'
C = 209.85'
CS = Sta. 796+00.19
ST = Sta. 798+10.19
C.B. = N50°57'28"W

127-1

CURVE DATA
P.I. = STA. 904+35.27
Δ = 39°12'36" LT
Dc = 05°58'05"
R = 960.04'
T = 341.95'
L = 657.00'
E = 59.08'
PC = Sta. 900+93.31
PT = Sta. 907+50.31
e_{MAX} = 0.080 (55 MPH)

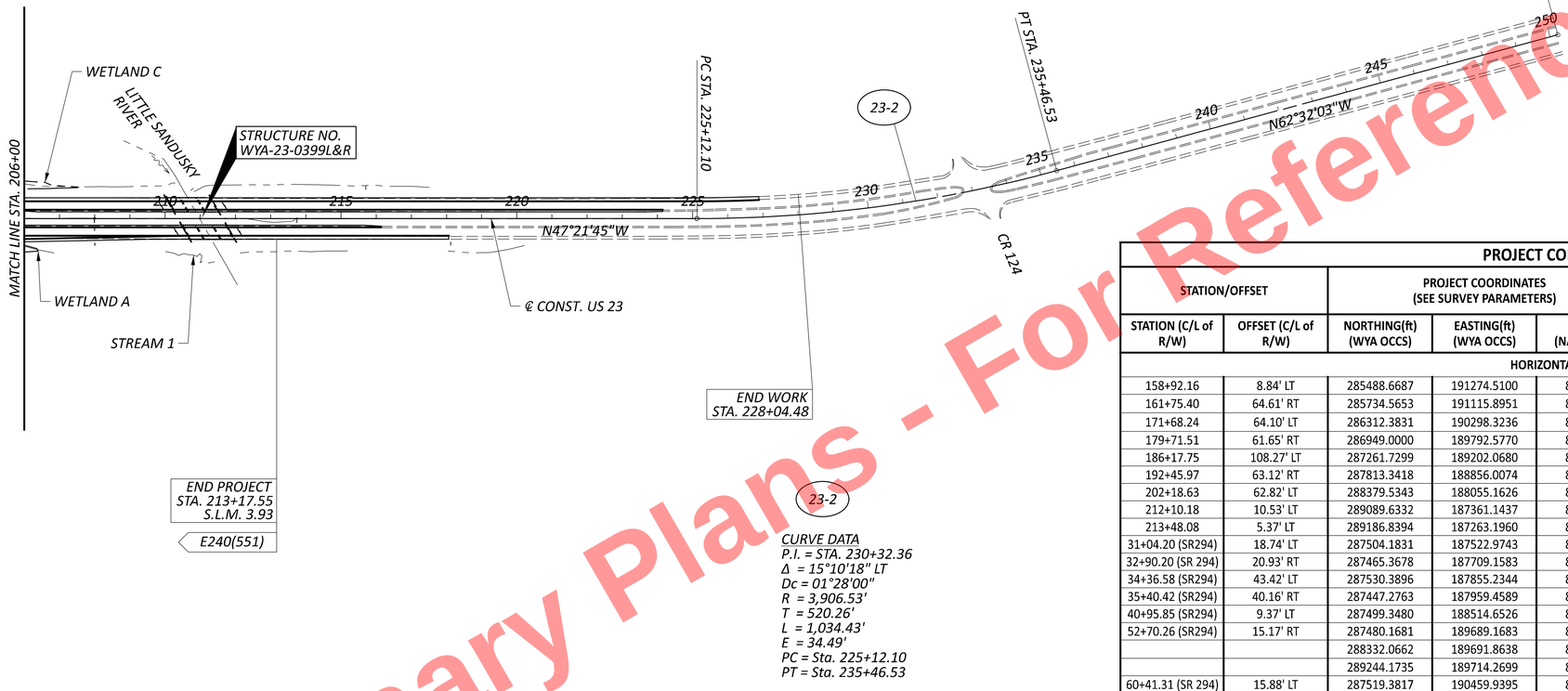
E N00°29'02"W

127-2

CURVE DATA
P.I. = STA. 912+55.43
Δ = 39°37'44" RT
Dc = 05°58'05"
R = 960.04'
T = 345.91'
L = 664.02'
E = 60.42'
PC = Sta. 909+09.52
PT = Sta. 915+73.54
e_{MAX} = 0.080 (55 MPH)

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.2 TOTAL 323



Preliminary Plans - For Reference Only

PROJECT CONTROL TABLE

STATION/OFFSET		PROJECT COORDINATES (SEE SURVEY PARAMETERS)			MONUMENT DESCRIPTION	
STATION (C/L of R/W)	OFFSET (C/L of R/W)	NORTHING(ft) (WYA OCCS)	EASTING(ft) (WYA OCCS)	ELEV(ft) (NAVD88/18)	PT #	DESCRIPTION
HORIZONTAL CONTROL						
158+92.16	8.84' LT	285488.6687	191274.5100	892.510*	CP150	Concrete Monument with Aluminum Disc Set
161+75.40	64.61' RT	285734.5653	191115.8951	891.693*	CP100	¾" x 30" Iron Pin Set with Red Cap
171+68.24	64.10' LT	286312.3831	190298.3236	889.460*	CP101	¾" x 30" Iron Pin Set with Red Cap
179+71.51	61.65' RT	286949.0000	189792.5770	884.340*	CP102	¾" x 30" Iron Pin Set with Red Cap
186+17.75	108.27' LT	287261.7299	189202.0680	881.057*	CP103	¾" x 30" Iron Pin Set with Red Cap
192+45.97	63.12' RT	287813.3418	188856.0074	872.544*	CP104	¾" x 30" Iron Pin Set with Red Cap
202+18.63	62.82' LT	288379.5343	188055.1626	869.278*	CP105	¾" x 30" Iron Pin Set with Red Cap
212+10.18	10.53' LT	289089.6332	187361.1437	868.688*	CP106	¾" x 30" Iron Pin Set with Red Cap
213+48.08	5.37' LT	289186.8394	187263.1960	868.367*	CP151	Concrete Monument with Aluminum Disc Set
31+04.20 (SR294)	18.74' LT	287504.1831	187522.9743	872.321*	CP107	¾" x 30" Iron Pin Set with Red Cap
32+90.20 (SR 294)	20.93' RT	287465.3678	187709.1583	867.955*	CP152	Concrete Monument with Aluminum Disc Set
34+36.58 (SR294)	43.42' LT	287530.3896	187855.2344	856.195*	CP108	¾" x 30" Iron Pin Set with Red Cap
35+40.42 (SR294)	40.16' RT	287447.2763	187959.4589	854.782*	CP109	¾" x 30" Iron Pin Set with Red Cap
40+95.85 (SR294)	9.37' LT	287499.3480	188514.6526	884.316*	CP110	¾" x 30" Iron Pin Set with Red Cap
52+70.26 (SR294)	15.17' RT	287480.1681	189689.1683	884.137*	CP111	¾" x 30" Iron Pin Set with Red Cap
		288332.0662	189691.8638	884.990*	CP112	¾" x 30" Iron Pin Set with Red Cap
		289244.1735	189714.2699	882.893*	CP153	Concrete Monument with Aluminum Disc Set
60+41.31 (SR 294)	15.88' LT	287519.3817	190459.9395	886.374*	CP113	¾" x 30" Iron Pin Set with Red Cap
210+92.32	72.56' LT	288964.1637	187405.8362	853.202*	CP114	¾" x 30" Iron Pin Set with Red Cap
210+68.82	0.97' LT	289000.9154	187471.6149	853.277*	CP115	¾" x 30" Iron Pin Set with Red Cap
211+75.93	72.26' RT	289127.3361	187442.4238	853.952*	CP116	¾" x 30" Iron Pin Set with Red Cap
VERTICAL CONTROL						
159+99.98	79.73' RT	285627	191255	888.308	BM500	Mag Nail Set in Concrete Footing of Sign
169+26.35	74.80' RT	286251	190570	889.674	BM501	Mag Nail Set in Concrete Footing of Sign
179+01.20	177.83' RT	286987	189923	881.394	BM502	Spike Set in Fence Anchor Assembly
185+97.27	77.45' LT	287271	189238	875.809	BM503	Mag Nail Set in Concrete Footing of Sign
195+21.30	77.68' RT	288011	188663	869.354	BM504	Mag Nail Set in Top of Concrete Culvert
198+52.93	81.77' LT	288118	188311	870.418	BM505	Mag Nail Set in Concrete Footing of Sign
213+40.01	65.06' LT	289137	187229	868.162	BM506	Mag Nail Set in Concrete Footing of Sign
30+62.22 (SR294)	44.46' LT	287530	187481	877.174	BM507	Spike Set in South Face of Telephone/Power Pole
39+14.97 (SR294)	31.84' RT	287457	188334	880.588	BM508	Spike Set in North Face of Telephone/Power Pole
53+03.82 (SR294)	106.61' LT	287602	189722	885.494	BM509	Fence Anchor Assembly Bottom Bolt
		288203	189721	885.611	BM510	Spike Set in West Face of Power Pole
		289060	189719	884.511	BM511	Spike Set in West Face of Power Pole
59+92.19 (SR 294)	31.74' LT	287535	190411	886.404	BM513	Spike Set in South Face of Power Pole
210+01.01	62.77' LT	288910	187480	868.735	BM514	MAG Nail Set in Bridge Wing Wall
211+54.55	15.38 LT	289048	187399	869.102	BM515	MAG Nail Set in Bridge Wing Wall
210+71.19	61.28' RT	289048	187512	868.927	BM516	MAG Nail Set in Bridge Wing Wall

*This elevation may be subject to seasonal changes. Confirm elevation against other primary vertical control and benchmarks just prior to the start of construction activities.

HORIZONTAL SCALE IN FEET
0 100 200 400

SCHEMATIC PLAN

WYA-23-3.47

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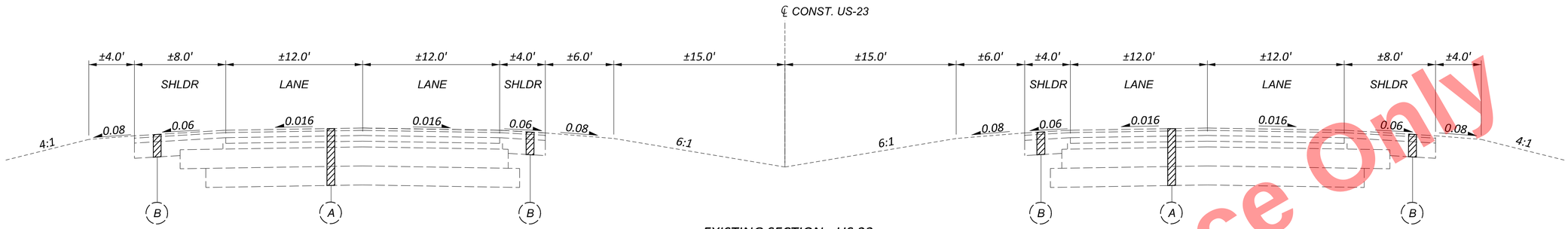
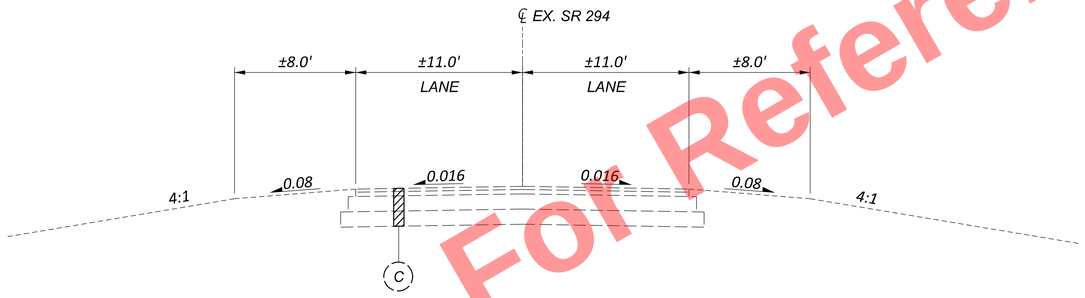
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

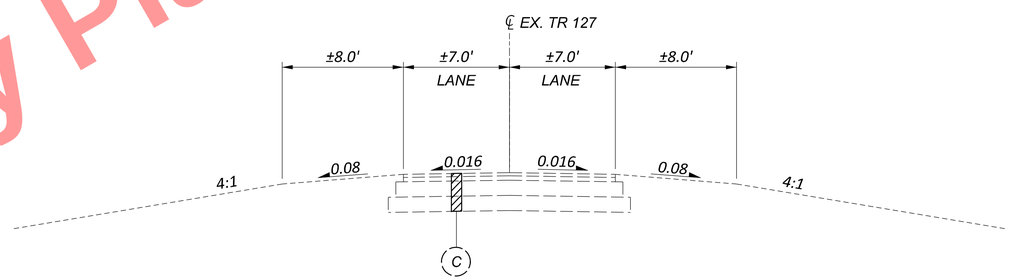
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.3 TOTAL 323



EXISTING SECTION - US 23



EXISTING SECTION - SR 294



EXISTING SECTION - TR 127

Preliminary Plans - For Reference Only

EXISTING LEGEND

- (A) 10.75" ASPHALT CONCRETE
  10" WATERBOUND MACADAM BASE COURSE
  10" SUBBASE
- (B) 4.75" ASPHALT CONCRETE
  8" EXISTING AGGREGATE BASE
- (C) 3" ASPHALT CONCRETE
  6" EXISTING AGGREGATE BASE
  6" SUBBASE

PROPOSED LEGEND

1. ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
2. ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
3. ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
4. ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
5. ITEM 304 - 6" AGGREGATE BASE
6. ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
7. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
8. ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
9. ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
10. ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
11. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
12. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
13. ITEM 659 - SEEDING AND MULCHING
14. ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
15. ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
16. ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
17. ITEM 617 - COMPACTED AGGREGATE
18. ITEM 304 - 8" AGGREGATE BASE
19. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
20. ITEM 605 - AGGREGATE DRAINS
21. ITEM 204 - X" EXCAVATION OF SUBGRADE
    ITEM 204 - X" EMBANKMENT
    ITEM 204 - GEOTEXTILE FABRIC,TYPE D
22. ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
    ITEM 206 - LIME
    ITEM 206 - CURING COAT

TYPICAL SECTIONS - EXISTING

WYA-23-3.47

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E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.4 | TOTAL 323

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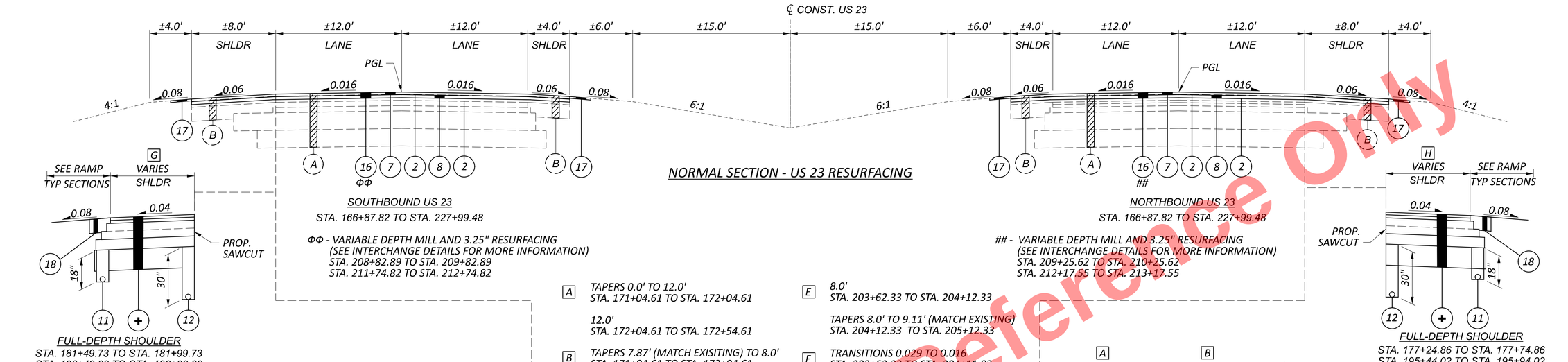
Preliminary Plans - For Reference Only



NORMAL SECTION - US 23 RESURFACING

SOUTHBOUND US 23
STA. 166+87.82 TO STA. 227+99.48

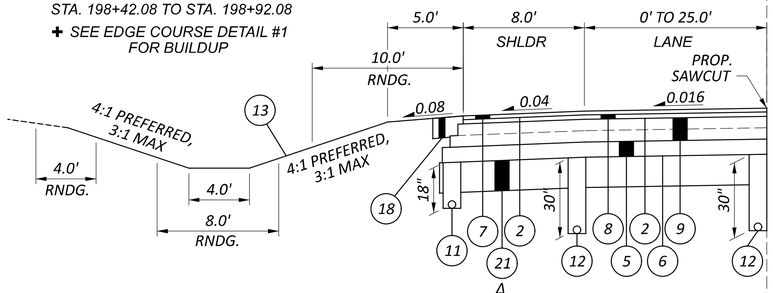
ΦΦ - VARIABLE DEPTH MILL AND 3.25" RESURFACING
(SEE INTERCHANGE DETAILS FOR MORE INFORMATION)
STA. 208+82.89 TO STA. 209+82.89
STA. 211+74.82 TO STA. 212+74.82

NORTHBOUND US 23
STA. 166+87.82 TO STA. 227+99.48

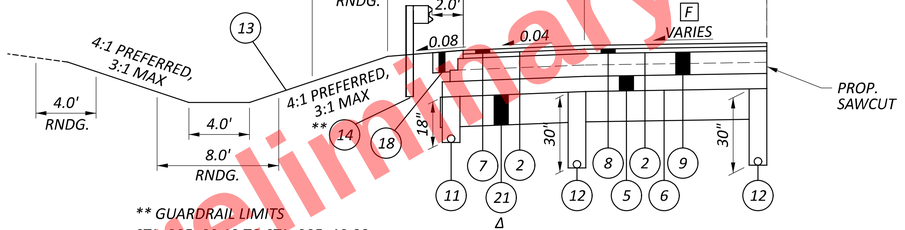
- VARIABLE DEPTH MILL AND 3.25" RESURFACING
(SEE INTERCHANGE DETAILS FOR MORE INFORMATION)
STA. 209+25.62 TO STA. 210+25.62
STA. 212+17.55 TO STA. 213+17.55

FULL-DEPTH SHOULDER
STA. 181+49.73 TO STA. 181+99.73
STA. 198+42.08 TO STA. 198+92.08
✚ SEE EDGE COURSE DETAIL #1 FOR BUILDUP

FULL-DEPTH SHOULDER
STA. 177+24.86 TO STA. 177+74.86
STA. 195+44.02 TO STA. 195+94.36
STA. 210+60.19 TO STA. 210+69.36
✚ SEE EDGE COURSE DETAIL #1 FOR BUILDUP



ACCELERATION LANE SECTION
STA. 166+87.82 TO STA. 179+37.82



** GUARDRAIL LIMITS
STA. 205+00.12 TO STA. 205+12.33

DECELERATION LANE SECTION
STA. 203+62.33 TO STA. 205+12.33

A TAPERS 0.0' TO 12.0'
STA. 171+04.61 TO STA. 172+04.61

12.0'
STA. 172+04.61 TO STA. 172+54.61

B TAPERS 7.87' (MATCH EXISITING) TO 8.0'
STA. 171+04.61 TO STA. 172+04.61

8.0'
STA. 172+04.61 TO STA. 172+54.61

TAPERS 8.0' TO 10.0'
STA. 209+60.19 TO STA. 210+60.19

C 0.016
STA. 171+04.61 TO STA. 172+05.11

TRANSITIONS 0.016 TO 0.029
STA. 172+05.11 TO STA. 172+54.61

D 12.0'
STA. 203+62.33 TO STA. 204+12.33

TAPERS 12.0' TO 0.0'
STA. 204+12.33 TO STA. 205+12.33

E 8.0'
STA. 203+62.33 TO STA. 204+12.33

TAPERS 8.0' TO 9.11' (MATCH EXISTING)
STA. 204+12.33 TO STA. 205+12.33

F TRANSITIONS 0.029 TO 0.016
STA. 203+62.33 TO STA. 204+11.83

0.016
STA. 204+11.83 TO STA. 205+12.33

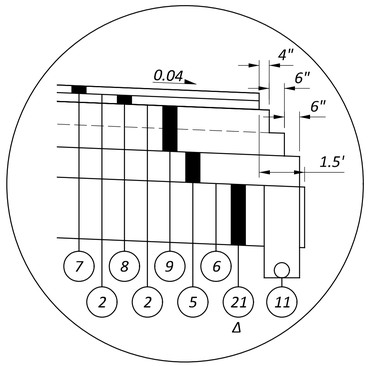
G TAPERS 8.0' TO 8.5' (MATCH EXISTING)
STA. 181+49.73 TO STA. 181+99.73

TAPER 8.5' (MATCH EXISTING) TO 8.0'
STA. 198+42.08 TO STA. 198+92.08

H TAPERS 8.0' TO 8.4' (MATCH EXISTING)
STA. 177+24.86 TO STA. 177+74.86

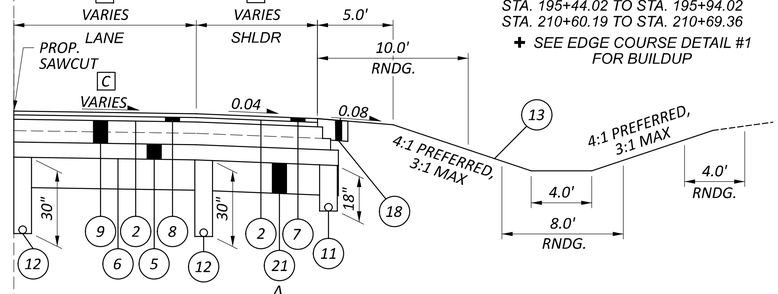
TAPERS 8.4' (MATCH EXISTING) TO 8.0'
STA. 195+44.02 TO STA. 195+94.02

10'.0
STA. 210+60.19 TO STA. 210+69.36

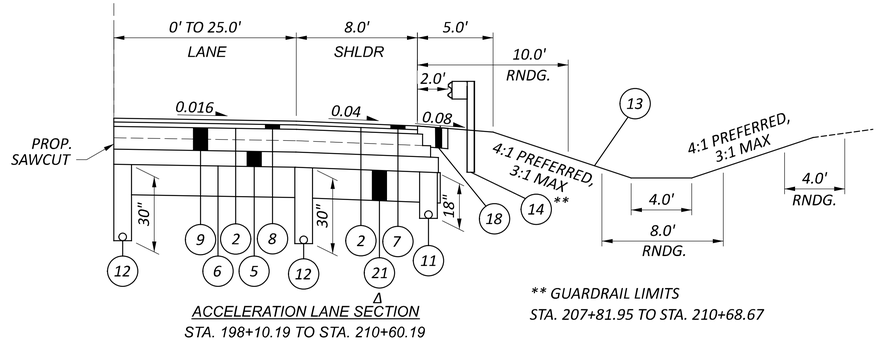


EDGE COURSE DETAIL #1
APPLIES TO US 23

Δ FOR DEPTH AND STATION LIMITS REFER TO SUBGRADE TREATEMENT TABLE ON P.15.



DECELERATION LANE SECTION
STA. 171+04.61 TO STA. 172+54.61



ACCELERATION LANE SECTION
STA. 198+10.19 TO STA. 210+60.19

** GUARDRAIL LIMITS
STA. 207+81.95 TO STA. 210+68.67

TYPICAL SECTIONS - PROPOSED US 23

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
(4) ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
(5) ITEM 304 - 6" AGGREGATE BASE
(6) ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(9) ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
(10) ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
(11) ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
(12) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
(13) ITEM 659 - SEEDING AND MULCHING
(14) ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
(15) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
(16) ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
(17) ITEM 617 - COMPACTED AGGREGATE
(18) ITEM 304 - 8" AGGREGATE BASE
(19) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
(20) ITEM 605 - AGGREGATE DRAINS
(21) ITEM 204 - X" EXCAVATION OF SUBGRADE
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC, TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
ITEM 206 - LIME
ITEM 206 - CURING COAT

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DESIGNER KRF
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PROJECT ID 121424
SHEET P.5 TOTAL 323

WYA-23-3.47

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TYPICAL SECTIONS - PROPOSED SR 294

[A] *VARIES 1.4' TO 4.0'*
STA. 305+25.00 TO STA. 305+96.30

4.0'
STA. 305+96.30 TO STA. 309+87.07
STA. 318+65.37 TO STA. 325+61.00

VARIES 4.0' TO 2.2'
STA. 325+61.00 TO STA. 326+00.00

[B] *VARIES 9.8' TO 11.0'*
STA. 305+25.00 TO STA. 305+96.30

11.0'
STA. 305+96.30 TO STA. 309+87.07
STA. 318+65.37 TO STA. 325+61.00

VARIES 11.0' TO 10.6'
STA. 325+61.00 TO STA. 326+00.00

[C] *VARIES 10.7' TO 11.0'*
STA. 305+25.00 TO STA. 305+96.30

11.0'
STA. 305+96.30 TO STA. 309+87.07
STA. 318+65.37 TO STA. 325+61.00

VARIES 11.0' TO 10.7'
STA. 325+61.00 TO STA. 326+00.00

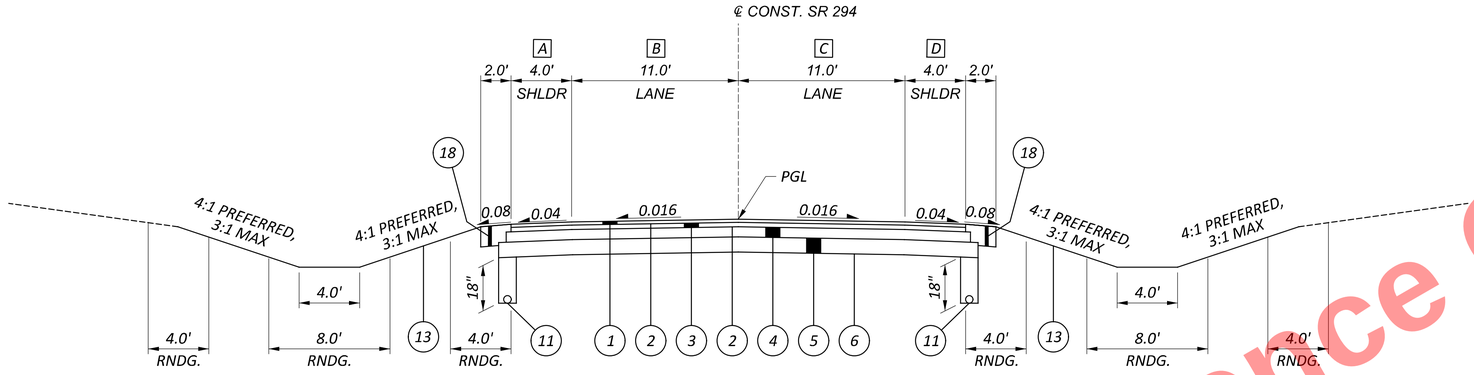
[D] *VARIES 2.2' TO 4.0'*
STA. 305+25.00 TO STA. 305+96.30

4.0'
STA. 305+96.30 TO STA. 309+87.07
STA. 318+65.37 TO STA. 325+61.00

VARIES 4.0' TO 2.8'
STA. 325+61.00 TO STA. 326+00.00

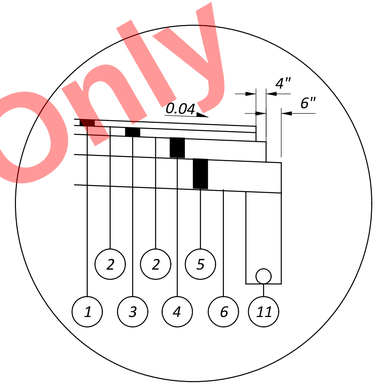
[E] *TRANSITIONS FROM 0.04 TO 0.016*
STA. 311+95.78 TO STA. 312+20.78 LT
STA. 312+36.36 TO STA. 312+61.36 RT

TRANSITIONS FROM 0.016 TO 0.04
STA. 315+41.55 TO STA. 315+66.55 LT
STA. 315+82.13 TO STA. 316+07.13 RT



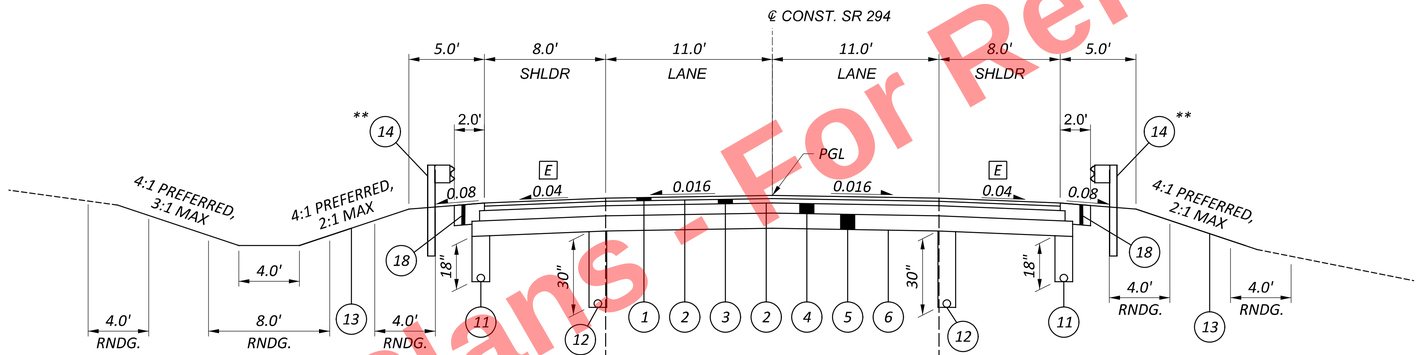
NORMAL SECTION - SR 294

STA. 305+25.00 TO STA. 309+87.07
STA. 318+65.37 TO STA. 326+00.00



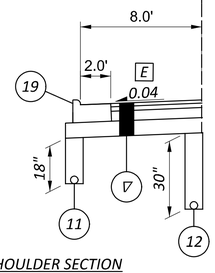
EDGE COURSE DETAIL #2

APPLIES TO SR 294



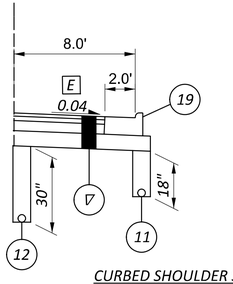
NORMAL SECTION - SR 294

STA. 309+87.07 TO STA. 312+44.00
STA. 315+58.91 TO STA. 318+65.37



CURBED SHOULDER SECTION

STA. 311+79.41 TO STA. 312+20.78
STA. 315+41.55 TO STA. 316+11.75
▽ SEE EDGE COURSE DETAIL #3 FOR BUILDUP

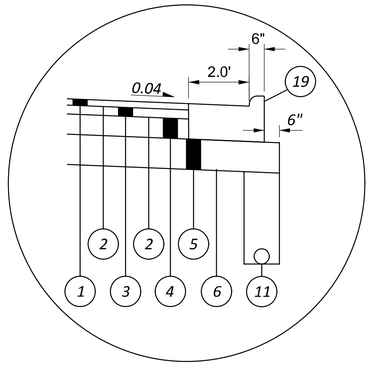


CURBED SHOULDER SECTION

STA. 311+79.41 TO STA. 312+61.36
STA. 315+82.13 TO STA. 316+11.75
▽ SEE EDGE COURSE DETAIL #3 FOR BUILDUP

*** GUARDRAIL LIMITS**

STA. 311+04.88 TO STA. 312+44.00 RT
STA. 311+26.21 TO STA. 312+44.00 LT
STA. 315+58.91 TO STA. 316+98.02 LT
STA. 315+58.91 TO STA. 316+64.20 RT



EDGE COURSE DETAIL #3

APPLIES TO SR 294

Preliminary Plans - For Reference Only

EXISTING LEGEND

(A) *10.75" ASPHALT CONCRETE*
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) *4.75" ASPHALT CONCRETE*
8" EXISTING AGGREGATE BASE

(C) *3" ASPHALT CONCRETE*
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) *ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)*
(2) *ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)*
(3) *ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)*
(4) *ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)*
(5) *ITEM 304 - 6" AGGREGATE BASE*
(6) *ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING*
(7) *ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)*
(8) *ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)*
(9) *ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)*
(10) *ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC*
(11) *ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)*
(12) *ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)*
(13) *ITEM 659 - SEEDING AND MULCHING*
(14) *ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN*
(15) *ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")*
(16) *ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE*
(17) *ITEM 617 - COMPACTED AGGREGATE*
(18) *ITEM 304 - 8" AGGREGATE BASE*
(19) *ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN*
(20) *ITEM 605 - AGGREGATE DRAINS*
(21) *ITEM 204 - X" EXCAVATION OF SUBGRADE*
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC,TYPE D
(22) *ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP*
ITEM 206 - LIME
ITEM 206 - CURING COAT

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Cleveland, Ohio
950 Goodale Blvd, Suite 160
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PROJECT ID 121424
SHEET P.6 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 1:58:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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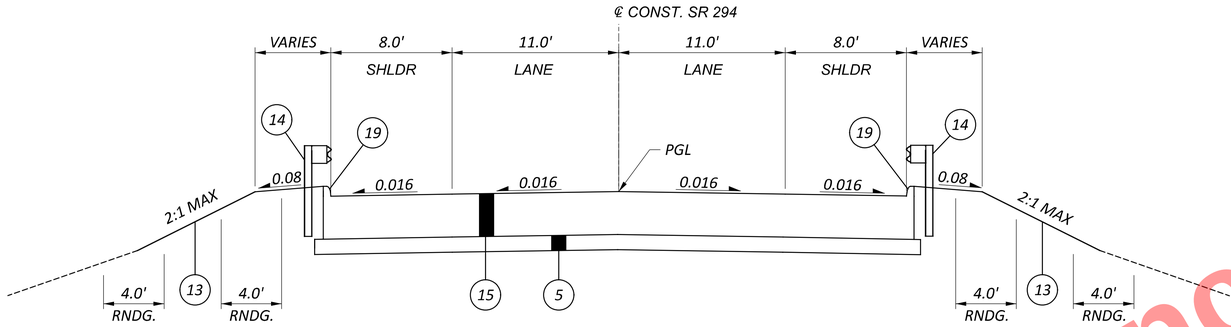
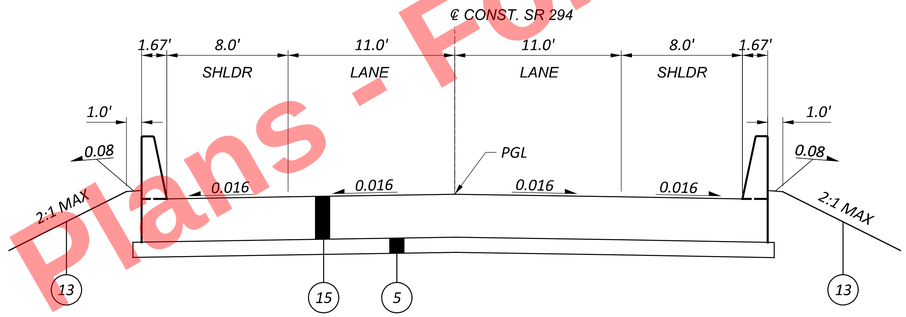


APPROACH SLAB SECTION - SR 294

STA. 312+44.00 TO STA. 312+59.91
STA. 315+43.00 TO STA. 315+58.91



APPROACH SLAB SECTION WITH BARRIER - SR 294

STA. 312+59.91 TO STA. 312+74.00
STA. 315+28.91 TO STA. 315+43.00

Preliminary Plans - For Reference Only

EXISTING LEGEND

- (A) 10.75" ASPHALT CONCRETE
  10" WATERBOUND MACADAM BASE COURSE
  10" SUBBASE
- (B) 4.75" ASPHALT CONCRETE
  8" EXISTING AGGREGATE BASE
- (C) 3" ASPHALT CONCRETE
  6" EXISTING AGGREGATE BASE
  6" SUBBASE

PROPOSED LEGEND

1. ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
2. ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
3. ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
4. ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
5. ITEM 304 - 6" AGGREGATE BASE
6. ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
7. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
8. ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
9. ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
10. ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
11. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
12. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
13. ITEM 659 - SEEDING AND MULCHING
14. ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
15. ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
16. ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
17. ITEM 617 - COMPACTED AGGREGATE
18. ITEM 304 - 8" AGGREGATE BASE
19. ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
20. ITEM 605 - AGGREGATE DRAINS
21. ITEM 204 - X" EXCAVATION OF SUBGRADE
    ITEM 204 - X" EMBANKMENT
    ITEM 204 - GEOTEXTILE FABRIC,TYPE D
22. ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
    ITEM 206 - LIME
    ITEM 206 - CURING COAT

TYPICAL SECTIONS - PROPOSED SR 294

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.7 TOTAL 323

WYA-23-3.47

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[A] TAPERS 8.0' TO 6.0'
STA. 479+37.82 TO STA. 479+87.85

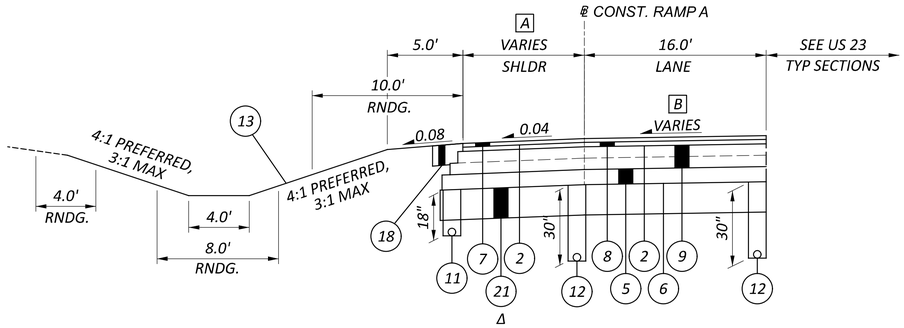
6.0'
STA. 479+87.82 TO STA. 481+47.82

[B] TRANSITIONS 0.016 TO 0.08
STA. 479+37.82 TO 481+47.82

0.08
STA. 481+47.82 TO STA. 481+47.85

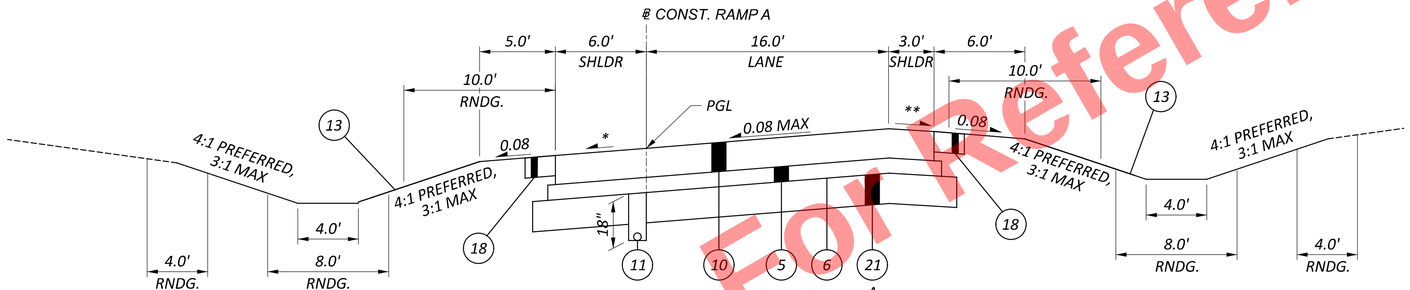
* 0.04 OR RATE OF SUPER IF GREATER

** VARIES, SEE HIGH SIDE SHOULDER DETAIL



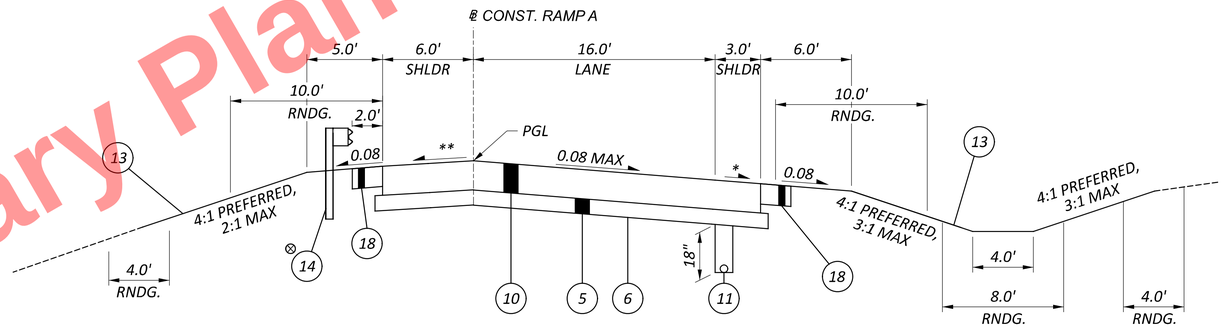
PROPOSED RAMP A - US 23 SECTION

STA. 479+37.82 TO STA. 481+47.85



PROPOSED RAMP A - SUPERELEVATED LEFT SECTION

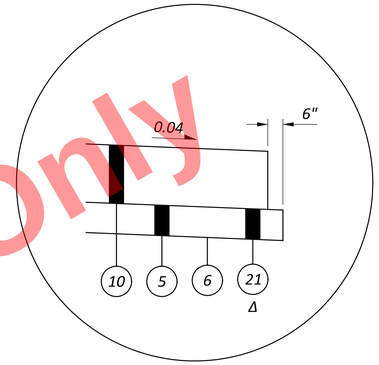
STA. 481+47.85 TO STA. 486+46.66



⊗ GUARDRAIL LIMITS
STA. 487+50.00 TO STA. 489+12.50

PROPOSED RAMP A - SUPERELEVATED RIGHT SECTION

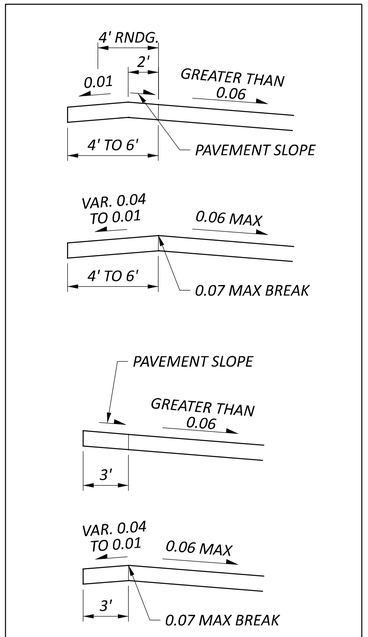
RAMP A: STA. 486+46.66 TO STA. 492+80.97



EDGE COURSE DETAIL #4

APPLIES TO RAMPS

Δ FOR DEPTH AND STATION LIMITS REFER TO SUBGRADE TREATEMENT TABLE ON P.15.



HIGH SIDE SHOULDER DETAIL

Preliminary Plans - For Reference Only

TYPICAL SECTIONS - PROPOSED RAMP A

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
(4) ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
(5) ITEM 304 - 6" AGGREGATE BASE
(6) ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(9) ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
(10) ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
(11) ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
(12) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
(13) ITEM 659 - SEEDING AND MULCHING
(14) ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
(15) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
(16) ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
(17) ITEM 617 - COMPACTED AGGREGATE
(18) ITEM 304 - 8" AGGREGATE BASE
(19) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
(20) ITEM 605 - AGGREGATE DRAINS
(21) ITEM 204 - X" EXCAVATION OF SUBGRADE
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC, TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
ITEM 206 - LIME
ITEM 206 - CURING COAT

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.8 TOTAL 323

WYA-23-3.47

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[A] 6.0'
STA. 592+69.29 TO STA. 598+42.89

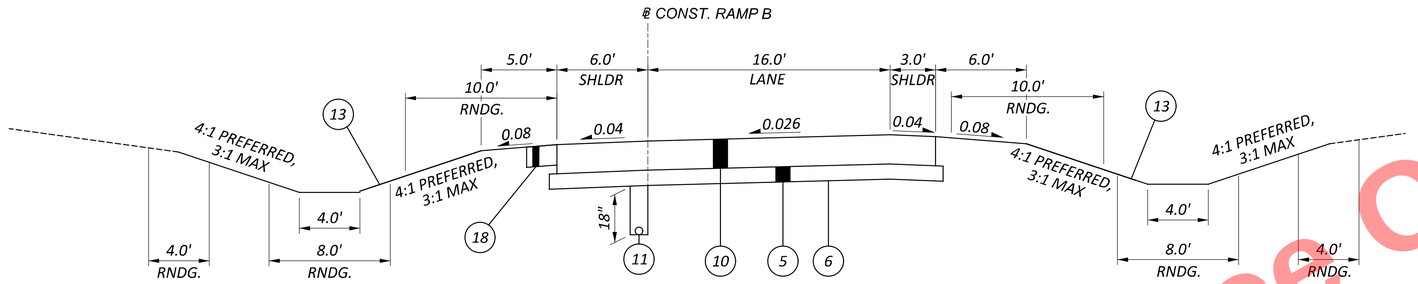
TAPERS 6.0' TO 8.0'
STA. 598+42.89 TO STA. 598+92.89

[B] 16.0'
STA. 598+92.89 TO STA. 601+81.73

TAPERS 16.0' TO 12.0'
STA. 601+81.73 TO STA. 603+62.33

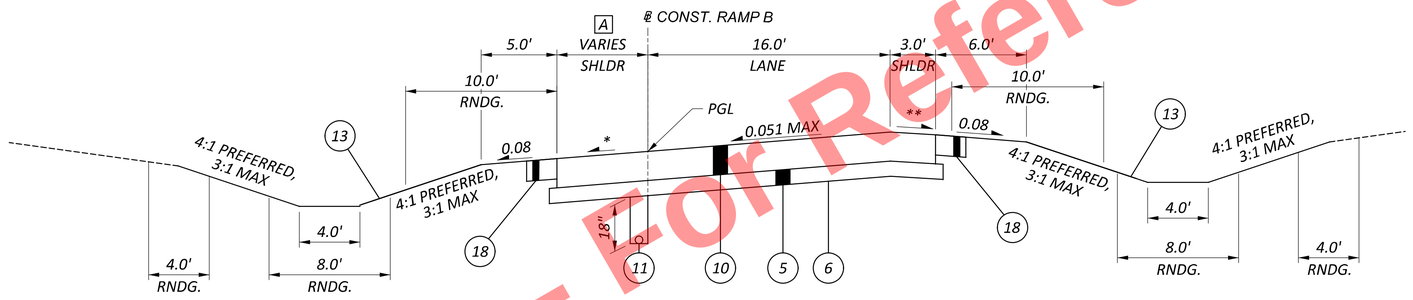
* 0.04 OR RATE OF SUPER IF GREATER

** VARIES, SEE HIGH SIDE SHOULDER DETAIL



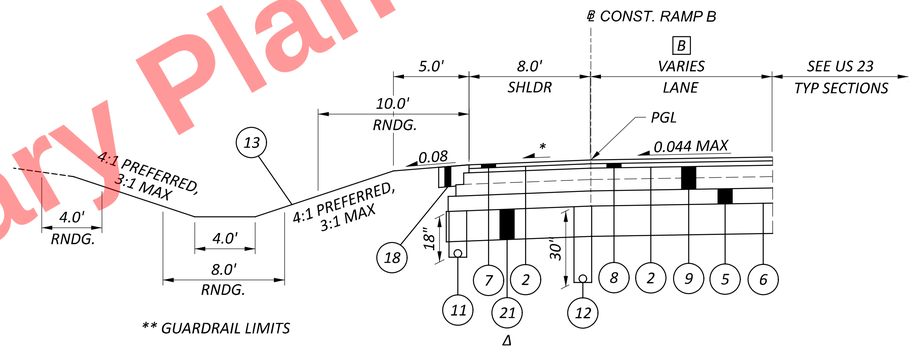
PROPOSED RAMP B - NORMAL CROWN SECTION

STA. 591+27.78 TO STA. 592+69.29



PROPOSED RAMP B - SUPERELEVATED LEFT SECTION

STA. 592+69.29 TO STA. 598+92.89



PROPOSED RAMP B - SUPERELEVATED LEFT SECTION

STA. 598+92.89 TO STA. 603+62.33

Δ FOR DEPTH AND STATION LIMITS REFER TO SUBGRADE TREATEMENT TABLE ON P.15.

Preliminary Plans - For Reference Only

TYPICAL SECTIONS - PROPOSED RAMP B

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
(4) ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
(5) ITEM 304 - 6" AGGREGATE BASE
(6) ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(9) ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
(10) ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
(11) ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
(12) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
(13) ITEM 659 - SEEDING AND MULCHING
(14) ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
(15) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
(16) ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
(17) ITEM 617 - COMPACTED AGGREGATE
(18) ITEM 304 - 8" AGGREGATE BASE
(19) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
(20) ITEM 605 - AGGREGATE DRAINS
(21) ITEM 204 - X" EXCAVATION OF SUBGRADE
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC,TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
ITEM 206 - LIME
ITEM 206 - CURING COAT

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.9 TOTAL 323

[A] TAPERS 12.0' TO 16.0'
STA. 672+54.61 TO STA. 674+35.04

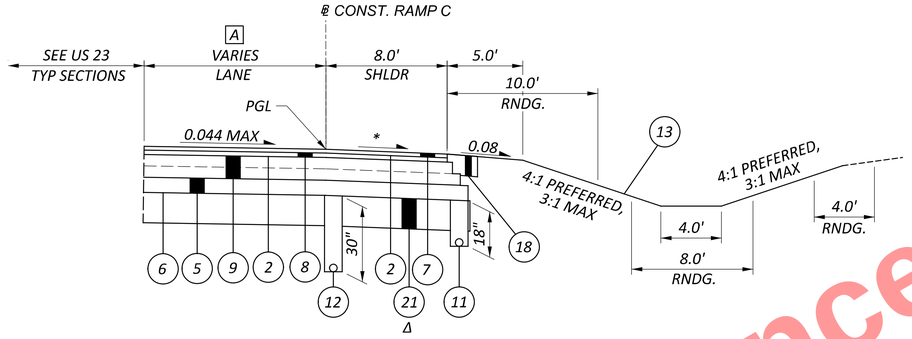
16.0'
STA. 674+35.04 TO STA. 677+24.06

[B] TAPERS 8.0' TO 6.0'
STA. 677+24.06 TO STA. 677+74.06

6.0'
STA. 677+74.06 TO STA. 684+02.75

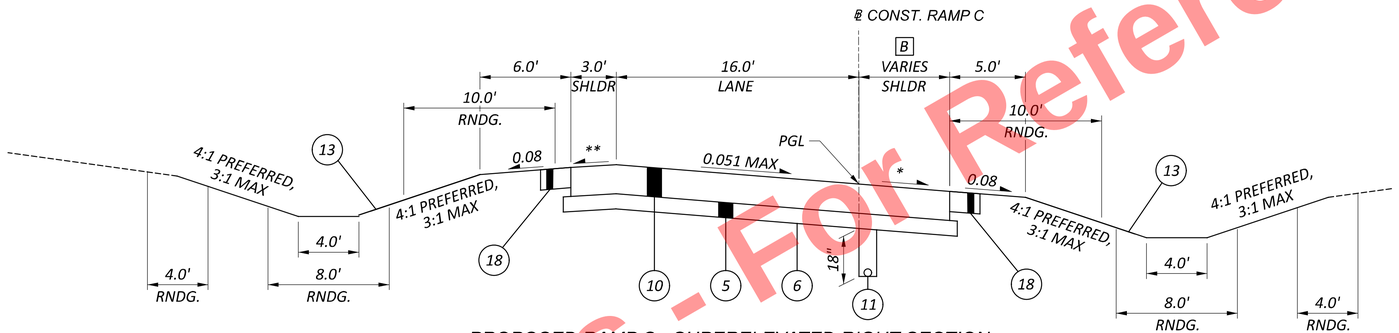
* 0.04 OR RATE OF SUPER IF GREATER

** VARIES, SEE HIGH SIDE SHOULDER DETAIL

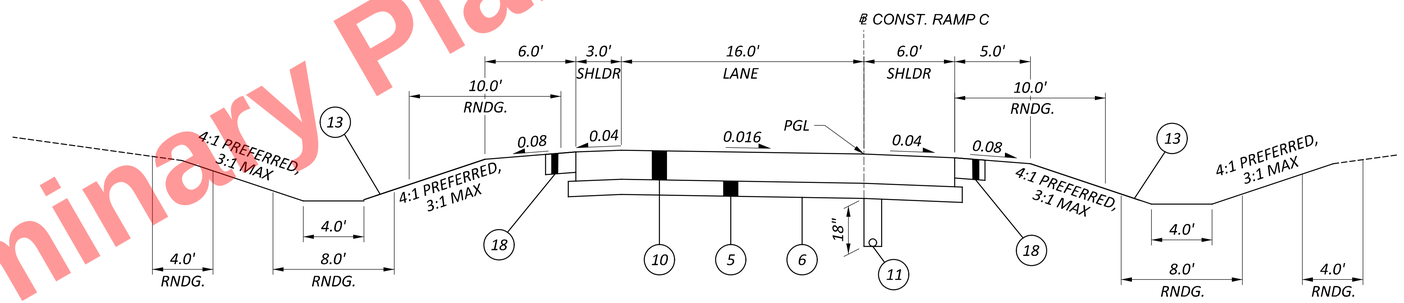


PROPOSED RAMP C - US 23 SECTION
STA. 672+54.61 TO STA. 677+24.06

Δ FOR DEPTH AND STATION LIMITS REFER TO SUBGRADE TREATEMENT TABLE ON P.15.



PROPOSED RAMP C - SUPERELEVATED RIGHT SECTION
STA. 677+24.06 TO STA. 684+02.75



PROPOSED RAMP C - NORMAL CROWN SECTION
STA. 684+02.75 TO STA. 685+44.47

Preliminary Plans - For Reference Only

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
(4) ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
(5) ITEM 304 - 6" AGGREGATE BASE
(6) ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(9) ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
(10) ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
(11) ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
(12) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
(13) ITEM 659 - SEEDING AND MULCHING
(14) ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
(15) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
(16) ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
(17) ITEM 617 - COMPACTED AGGREGATE
(18) ITEM 304 - 8" AGGREGATE BASE
(19) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
(20) ITEM 605 - AGGREGATE DRAINS
(21) ITEM 204 - X" EXCAVATION OF SUBGRADE
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC, TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
ITEM 206 - LIME
ITEM 206 - CURING COAT

TYPICAL SECTIONS - PROPOSED RAMP C

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 1:58:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.10 TOTAL 323

Preliminary Plans - For Reference Only

[A] 6.0'
STA. 479+87.82 TO STA. 481+47.82

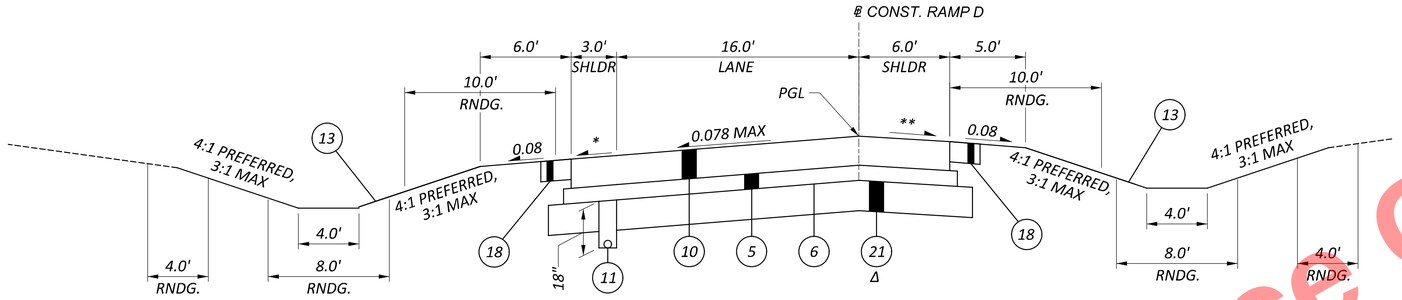
TAPERS 6.0' TO 8.0'
STA. 797+60.19 TO STA. 798+10.19

[B] 0.08
STA. 795+95.85 TO STA. 796+00.19

TRANSITIONS 0.08 TO 0.016
STA. 796+00.19 TO 798+10.19

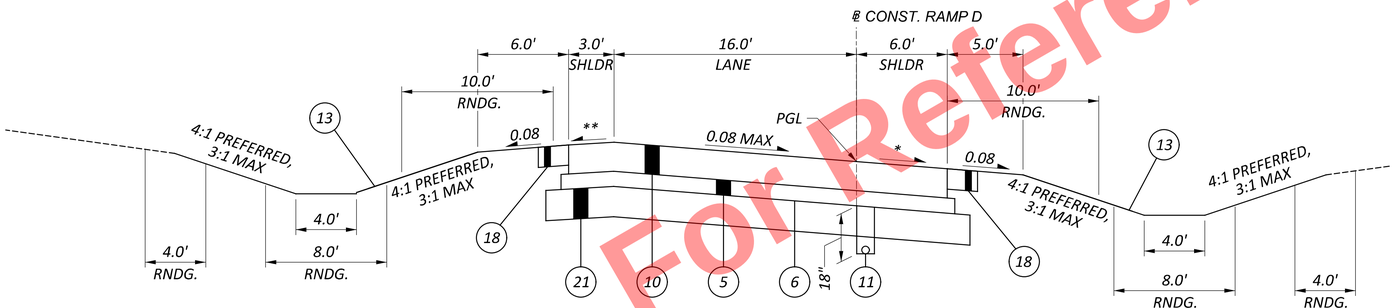
* 0.04 OR RATE OF SUPER IF GREATER

** VARIES, SEE HIGH SIDE SHOULDER DETAIL



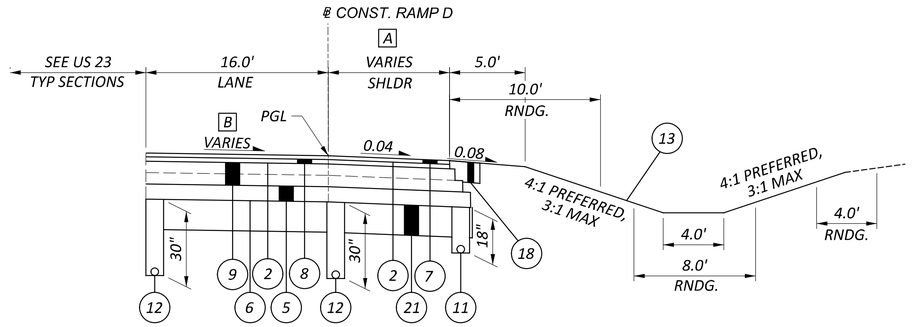
PROPOSED RAMP D - SUPERELEVATED LEFT SECTION

STA. 783+88.64 TO STA. 790+74.24



PROPOSED RAMP D - SUPERELEVATED RIGHT SECTION

STA. 790+74.24 TO STA. 795+95.85



PROPOSED RAMP D - US 23 SECTION

STA. 795+95.85 TO STA. 798+10.19

Δ FOR DEPTH AND STATION LIMITS REFER TO SUBGRADE TREATEMENT TABLE ON P.15.

TYPICAL SECTIONS - PROPOSED RAMP D

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
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(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
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ITEM 204 - GEOTEXTILE FABRIC,TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
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SHEET P.11 TOTAL 323

WYA-23-3.47

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[A] VARIES 9.0' TO 5.8'
STA. 915+27.25 TO STA. 916+80.00

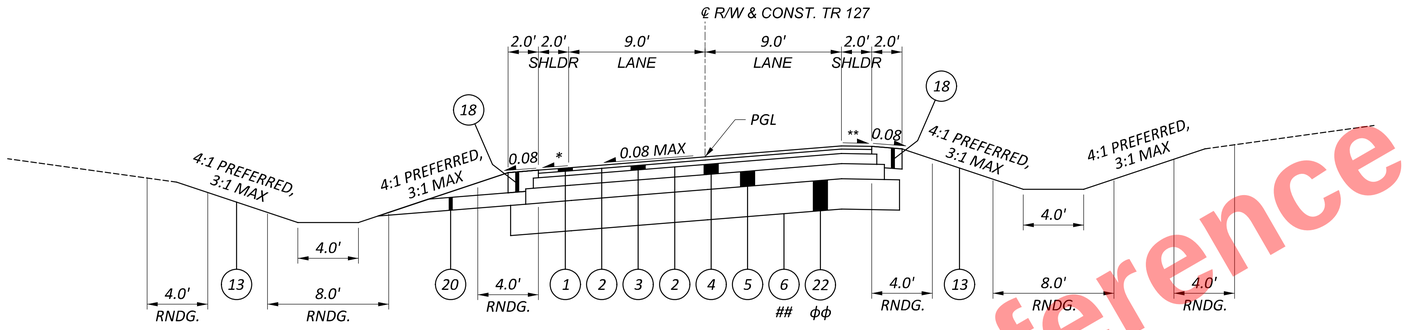
[B] VARIES 9.0' TO 7.8'
STA. 915+27.25 TO STA. 916+80.00

* 0.04 OR RATE OF SUPER IF GREATER

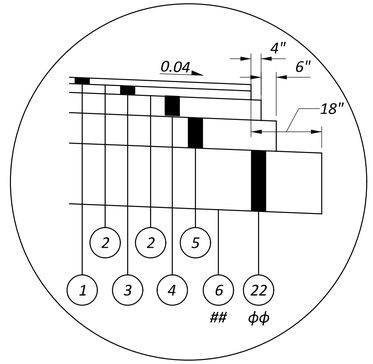
** VARIES, SEE HIGH SIDE SHOULDER DETAIL

NO SUBGRADE COMPACTION,PROOF ROLLING ONLY

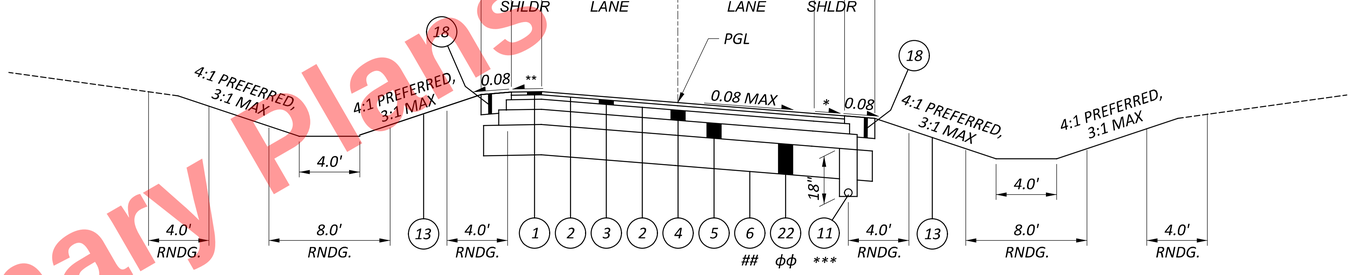
ϕϕ CEMENT STABILIZATION SHALL BE APPLIED TO THE INTERSECTION AREA OF SR 294 AND TR 127, SR 294 STA. 323+70.00 TO STA. 326+00.00.



SUPERELEVATED SECTION (LEFT) - TR 127
STA. 900+61.00 TO STA. 908+29.53



EDGE COURSE DETAIL #4
APPLIES TO TR 127



SUPERELEVATED SECTION (RIGHT) - TR 127
STA. 908+29.53 TO STA. 917+00.00

*** STA. 911+60.07 TO STA. 918+56.81

TYPICAL SECTIONS - PROPOSED TR 127

EXISTING LEGEND

(A) 10.75" ASPHALT CONCRETE
10" WATERBOUND MACADAM BASE COURSE
10" SUBBASE

(B) 4.75" ASPHALT CONCRETE
8" EXISTING AGGREGATE BASE

(C) 3" ASPHALT CONCRETE
6" EXISTING AGGREGATE BASE
6" SUBBASE

PROPOSED LEGEND

(1) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), (PG64-22)
(2) ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
(3) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
(4) ITEM 302 - 4" ASPHALT CONCRETE BASE, PG64-22 (449)
(5) ITEM 304 - 6" AGGREGATE BASE
(6) ITEM 204 - SUBGRADE COMPACTION/PROOF ROLLING
(7) ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
(8) ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
(9) ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
(10) ITEM 452 - 11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QA/QC
(11) ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (18" DEPTH)
(12) ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXILE FABRIC (30" DEPTH)
(13) ITEM 659 - SEEDING AND MULCHING
(14) ITEM 606 - GUARDRAIL, TYPE MGS, AS PER PLAN
(15) ITEM 526 - REINFORCED CONCRETE APPROACH SLAB (T=17")
(16) ITEM 254 - 3.25" PAVEMENT PLANING, ASPHALT CONCRETE
(17) ITEM 617 - COMPACTED AGGREGATE
(18) ITEM 304 - 8" AGGREGATE BASE
(19) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN
(20) ITEM 605 - AGGREGATE DRAINS
(21) ITEM 204 - X" EXCAVATION OF SUBGRADE
ITEM 204 - X" EMBANKMENT
ITEM 204 - GEOTEXTILE FABRIC,TYPE D
(22) ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP
ITEM 206 - LIME
ITEM 206 - CURING COAT

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Glendale Blvd., Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.12 TOTAL 323

WYA-23-3.47

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Preliminary Plans - For Reference Only

UTILITIES

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

AEP DISTRIBUTION/PUBLIC WORKS
38831 STATE ROUTE 7
REEDSVILLE, OH 45772
CLARKE SAUNDERS
CMSAUNDERS@AEP.COM
(740) 985-3054

COLUMBIA GAS OF OHIO
1800 BROAD AVENUE
FINDLAY, OH 45840
ANDREW MILBURN
AMILBURN@NISOURCE.COM
(419) 427-3219

KNG GAS
1700 WESTFIELD DRIVE
FINDLAY, OH 45840
JEFF ABBOTT
JABBOTT@KNGENERGY.COM
(419) 348-9928

TC ENERGY
1738 W. ROMICK PARKWAY
FINDLAY, OH 45840
MICHAEL HOOPS
MICHAEL_HOOPS@TCENERGY.COM
US_CROSSINGS@TCENERGY.COM
(419) 581-2693

MID-OHIO ENERGY
2859 MARION-UPPER SANDUSKY ROAD
MARION, OH 43302
STEVE KAHLE
SKAHLE@MIDOHIOENERGY.COM
(419) 767-9012

FRONTIER
1300 COLUMBUS/SANDUSKY ROAD
MARION, OH 43302
RON EASTON
RONALD.EASTON@FTR.COM
(740) 904-0324

ROUNDING

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

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 NO TREES OR 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.

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 7 AM AND 6 PM. 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.

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 3 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: ODOT REAL TIME NETWORK (2011) AND DIFFERENTIAL LEVELING
MONUMENT TYPE: TYPE A AND TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011ADJ, 2010.0)
ELLIPSOID: GRS 80
MAP PROJECTION: LAMBERT CONFORMAL CONIC 1 PARALLEL
*COORDINATE SYSTEM: O.D.O.T. WYANDOT OCCS**
WYANDOT OCCS PROJECTION PARAMETERS:
PROJECTION: LCC 1 PARALLEL
CENTRAL LATITUDE: N 40°51'00"
CENTRAL LONGITUDE: W 83°18'00"
FALSE NORTHING: 100,000 METERS
FALSE EASTING: 50,000 METERS
COMBINED SCALE FACTOR: 1.000036
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.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET NO. RW.4 OF RW.24.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST 2 EACH
659, TOPSOIL 12372 CU. YD.
659, SEEDING AND MULCHING 114,165 SQ. YD.
659, REPAIR SEEDING AND MULCHING 5708 SQ. YD.
659, INTER-SEEDING 5708 SQ. YD.
659, COMMERCIAL FERTILIZER 15.92 TON
659, LIME 23.59 ACRES
659, WATER 632 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.

ITEM 606 GUARDRAIL, TYPE MGS, AS PER PLAN
ITEM 606 GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 606, THIS/THESE ITEM(S) REQUIRE(S) STEEL POSTS AND COMPOSITE OR POLYMER ALTERNATIVE BLOCKOUTS. THE BLOCKOUTS SHALL BE FROM THE APPROVED PRODUCTS LIST THAT IS MAINTAINED BY THE OFFICE OF ROADWAY ENGINEERING AND INSTALLED PER CONSTRUCTION AND MATERIALS SPECIFICATION 606 AND ALL PERTINENT STANDARD DRAWINGS AND PLAN INSERT SHEETS. ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING STEEL POSTS AND APPROVED ALTERNATIVE MGS BLOCKOUTS SHALL BE INCLUDED IN THE UNIT BIDS FOR THE FOLLOWING ITEMS:

ITEM 606 GUARDRAIL, TYPE MGS, AS PER PLAN
ITEM 606 GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING. SEE PLAN SHEET NO. 15 FOR ADDITIONAL INFORMATION.

ITEM 204 - PROOF ROLLING 16 HOUR.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE E TANGENETIAL END TREATMENTS FOR TYPE MGS GUARDRAIL AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED ON ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS.

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. 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. 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.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH SOLID FLUORESCENT YELLOW REBOUNDABLE RETROREFLECTIVE SHEETING, PER CMS 730.191.

WHEN THE FACE OF THE ADJACENT (ATTACHED) GUARDRAIL IS LESS THAN 4' OFFSET FROM THE PROPOSED EDGE LINE, AND PERMITTING SITE CONDITIONS EXIST: THE PROPOSED TYPE E ANCHOR ASSEMBLY SHALL BE INSTALLED AT A CONSISTENT FLARE RATE THROUGH THE FULL LENGTH OF THE SYSTEM. THE FLARE RATE SHALL BE A MAXIMUM OF 25:1 (RESULTING IN A 2' OFFSET). THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE SHOP DRAWINGS, PRODUCT INSTALLATION MANUAL/GUIDANCE, AND AS DIRECTED BY THE ENGINEER.

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 AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE TYPE 1 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 1 (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 TRANSITIONS, HARDWARE, REFLECTIVE SHEETING AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE 2 IMPACT ATTENUATORS AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW, PERMANENT INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED 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.

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 607 - FENCE, TYPE 47, AS PER PLAN

TYPE 47 FENCE SHALL BE INSTALLED PER THE APPLICABLE ODOT STANDARD CONSTRUCTION DRAWINGS EXCEPT THAT THE BARBED WIRE SHALL NOT BE INSTALLED.

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.

ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN

COMBINATION CURB AND GUTTER, TYPE 4 SHALL BE INSTALLED PER STANDARD CONSTRUCTION DRAWING BP-5.1 EXCEPT THAT THE GUTTER SLOPE SHALL MATCH THE SLOPE OF THE SHOULDER.

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER KRF
REVIEWER ACF 02/13/26
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PERSONAL PROTECTION EQUIPMENT (PPE)

THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF SECTIONS XXIV AND XXXIV OF THE OHIO DEPARTMENT OF TRANSPORTA-TION SAFETY & HEALTH STANDARD OPERATING PROCEDURE 220-006(SP) EFFECTIVE: NOVEMBER 1, 2018 (EXCEPT AS AMENDED BELOW) AND ALL SUBSEQUENT UPDATES POSTED AT THE FOLLOWING WEBSITE:

HTTPS://WWW.TRANSPORTATION.OHIO.GOV/ABOUT-US/POLICIES-AND-PROCEDURES/PROCEDURES/220-006-SP

AMENDMENTS TO THE REQUIREMENTS OF THIS DOCUMENT ARE:

XXIV. HEAD PROTECTION (HARD HATS)ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGH-WAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR APPROPRIATE HEAD PROTECTION. ALL HARD HATS MUST MEET OR EXCEED ANSI Z89.1-2009 TYPE 1, CLASS E-G REQUIRE-MENTS.

XXXIV. SAFETY APPAREL AND VEST (HIGH VISIBILITY)ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGH-WAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR A HIGH-VISIBILITY SAFETY VEST THAT MEETS THE PER-FORMANCE CLASS II OR CLASS III REQUIREMENTS OF THE ANSI/ISEA 107-2015 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARD FOR HIGH-VISIBILITY SAFETY APPAREL AND ACCESSORIES."

WORKERS MAY WEAR AN ANSI CLASS II OR ANSI CLASS III APPROVED RAIN SUIT, JACKET OR OTHER APPAREL WITHOUT A SAFETY VEST OVER IT.

ITEM SPECIAL - PIPE CLEANOUT

THIS WORK CONSISTS OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS. DISPOSE OF ALL MATERIAL PER 105.16 AND 105.17. CLEAN OUT TO THE APPROVAL OF THE ENGINEER.

CLEANOUT OF THE PIPE IS PAID FOR AT THE UNIT PRICE BID FOR ITEM SPECIAL, PIPE CLEANOUT. THIS PRICE INCLUDES THE COST FOR MATERIAL, EQUIPMENT, LABOR, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM SPECIAL, PIPE CLEANOUT, 24" AND UNDER 100 FT
ITEM SPECIAL, PIPE CLEANOUT, 27" TO 48" 100 FT

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.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

FARM DRAINS

PROVIDE UNOBSTRUCTED OUTLETS TO ALL FARM DRAINS ENCOUNTERED DURING CONSTRUCTION. REPLACE EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION LIMITS WITH ITEM 611, CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

OUTLET EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES INTO THE ROADWAY DITCH USING ITEM 611, TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION IS ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. INTERCEPT LATERAL FIELD TILES WHICH CROSS THE ROADWAY WITH ITEM 611, TYPE E CONDUIT, AND CARRY IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS IS DETERMINED BY THE ENGINEER AND PAYMENT MADE ON FINAL MEASUREMENTS.

PROVIDE EROSION CONTROL PADS AT THE OUTLET END OF ALL FARM DRAINS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE.

PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES IS INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611 6" CONDUIT, TYPE B 100 FT.
611 6" CONDUIT, TYPE E 100 FT.
611 6" CONDUIT, TYPE F 100 FT.
601 ROCK CHANNEL PROTECTION TYPE C WITH FILTER 3 CU. YD.

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 FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 601, TIED CONCRETE BLOCK MAT, TYPE 1, WITH UNDERLAYMENT	*10 SQ. YD.*
ITEM 605, AGGREGATE DRAINS	*50 FT.*
ITEM 611, 6" CONDUIT, TYPE F	*100 FT.*
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	*5 EACH*
ITEM 605, 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	*100 FT.*

Preliminary Plans - For Reference Only

GENERAL NOTES

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.14 TOTAL 323

WYA-23-3.47

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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.

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, VARIABLE DEPTH

PERFORM PAVEMENT PLANING IN ACCORDANCE WITH ITEM 254 OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS), EXCEPT AS MODIFIED HEREIN.

THE PLANING DEPTH SHALL BE VARIABLE AS REQUIRED TO PROVIDE A SMOOTH AND CONTINUOUS TRANSITION FROM THE UNIFORM PLANING DEPTH ON THE ROADWAY TO THE OVERLAY REMOVAL DEPTH SPECIFIED ON THE STRUCTURES. THE CONTRACTOR SHALL ADJUST THE PLANING OPERATION AS NECESSARY TO ENSURE PROPER TIE-IN AND GRADE CONTINUITY BETWEEN THE ROADWAY AND STRUCTURE SURFACES.

PLANING LIMITS AND APPROXIMATE DEPTHS ARE SHOWN IN THE PLANS; HOWEVER, THE ACTUAL DEPTH SHALL BE VARIED IN THE FIELD TO ACHIEVE THE REQUIRED TRANSITION AND TO ACCOMMODATE PLACEMENT OF THE PROPOSED 3.25-INCH ASPHALT CONCRETE RESURFACING AS DETAILED IN THE PLANS.

ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO C OMPLETE THIS WORK SHALL BE INCLUDED IN THE BID UNIT PRICE FOR ITEM 254.

SUBGRADE TREATMENT SSUMMARY

PROJECT SECTION	FROM STATION *	TO STATION *	PROBLEM	REPRESENTATIVE BORING(S)	ODOT SUBGRADE STABILIZATION
RAMP A	166+80, US 23	169+15, US 23	UNSTABLE	B-013-0-25	EXCAVATE 12 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
	177+60, US 23	481+85, RAMP A	UNSTABLE	B-016-0-25	
RAMP B	601+00, RAMP B	605+10, RAMP B	UNSTABLE AND UNSUITABLE	B-022-0-25	EXCAVATE 36 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
RAMP C	671+00, RAMP C	673+75, RAMP C	UNSTABLE	B-023-0-25	EXCAVATE 12 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
RAMP D	787+00, RAMP D	789+40, RAMP D	UNSTABLE	B-027-0-25	
	789+40, RAMP D	793+00, RAMP D	UNSTABLE AND UNSUITABLE	B-028-0-25	EXCAVATE 36 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
	793+00, RAMP D	797+00, RAMP D	UNSTABLE	B-029-0-25	EXCAVATE 15 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
	197+00, US 23	205+10, US 23	UNSTABLE	B-030-0-25 B-031-0-25	EXCAVATE 12 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
	205+10, US 23	208+60, US 23	UNSTABLE	B-032-0-25	EXCAVATE 15 INCHES AND REPLACE WITH ODOT ITEM 703.16C, TYPE C, OVER 712.09 GEOTEXTILE FABRIC TYPE D.
SR 294	323+70, SR 294	326+00, SR 294	UNSTABLE	B-012-0-25	12" ITEM 206 (LIME) (CHEMICAL STABILIZATION WITH LIME)
TR 127	900+00, TR 127	916+80, TR 127	UNSTABLE	B-012-0-25, B-036-0-25 THRU B-039-0-25	

** STATION LIMITS ESTIMATED BASED ON SOIL CONDITIONS ENCOUNTERED DURING THE FIELD EXPLORATION. ACTUAL LIMITS OF STABILIZATION MAY VARY BASED ON THE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.*

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 13 FEET TO THE (EDGE OF PAVEMENT). PROVIDE A STEEL CASING PIPE CONFORMING TO 748.06. JOINTS WITH A CIRCUMFERENCIAL FULLY PENETRATING B-U4B WELD THAT IS PERFORMED BY A CERTIFIED WELDER FOR WELDING CODE AMERICAN WELDING SOCIETY (AWS) D1.1 OR MACHINED INTERLOCKING JOINTS ARE PERMITTED.THE INSTALLED CASING PIPE IS THE STORM WATER CONVEYANCE CARRIER UNLESS OTHERWISE SPECIFIED IN THE PLANS. HYDROSTATIC TESTING IS NOT REQUIRED FOR THE CASING PIPE.

ENVIRONMENTAL COMMITMENTS

THIS PROJECT IS LOCATED WITHIN A DRINKING WATER SOURCE PROTECTION AREA. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. REPORT ALL SPILLS OR EVENTS TO THE UPPER SANDUSKY WATER DEPARTMENT ((419) 294-3863). IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), CONTACT THE UPPER SANDUSKY WATER DEPARTMENT (419) 294-3863 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY ENDANGERED INDIANA BAT AND NORTHERN LONG-EARED BAT, AND THE STATE ENDANGERED LITTLE BROWN AND TRICOLORED BATS. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT AND ORC 1531.25 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 THE GROUND SURFACE, WITH A MINIMUM HEIGHT TO 13 FEET.

ODOT WILL ACQUIRE ALL NECESSARY WATERWAY PERMITS PRIOR TO THE START OF CONSTRUCTION. CONDITIONS OF THESE PERMITS WILL BE PROVIDED IN THE CONTRACT AS SPECIAL PROVISIONS. ODOT WILL PROVIDE THE WATERWAY PERMITS TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL THE SPECIAL PROVISIONS OF THE WATERWAY PERMITS THROUGHOUT THE DURATION OF THE CONTRACT.

AN ASBESTOS SURVEY OF WAY-US 23-3.99 L & R STRUCTURES SCHEDULED FOR RENOVATION, WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. THE SURVEY DID NOT DETECT REGULATED ASBESTOS-CONTAINING MATERIALS ON THE STRUCTURES. THE ASBESTOS SURVEY REPORT IS FOUND IN THE SPECIAL PROVISIONS ATTACHED TO THE PLANS.

Preliminary Plans - For Reference Only

GENERAL NOTES

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.15 TOTAL 323

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:

1. A MINIMUM OF ONE(1) LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON US 23, EXCEPT FOR NIGHTTIME CLOSURES FOR BEAM SETTING AS DESCRIBED BELOW. A MINIMUM OF A 12' LANE WIDTH SHALL BE MAINTAINED AS SHOWN ON THE MOT TYPICAL SECTION ON SHEET P.26. CLOSURE OF LANES SHALL BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MT-95.40.

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 ANTICIAPATED 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.

TEMPORARY NIGHTIME CLOSURES OF US 23 ARE PERMITTED FOR SETTING BEAMS OVER TRAVELLED LANES. THE NIGHTIME CLOSURES OF US 23 SHALL BE IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE TABLE ON P.16 AND AS DESCRIBED IN THESE NOTES. THE CONTRACTOR IS PERMITTED TO CLOSE EACH DIRECTION OF US 23 FOR A MAXIMUM OF 2 NIGHTS EACH. THE NORTHBOUND AND SOUTHBOUND DIRECTIONS OF US 23 ARE NOT PERMITTED TO BE CLOSED CONCURRENTLY.

THE NIGHTIME US 23 CLOSURES SHALL BE ESTABLISHED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR WITHIN THE ALLOWABLE HOURS. THESE US 23 CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MT-99.50. THE CONTRACTOR SHALL NOTIFY THE PLANNED NIGHTIMTE US 23 CLOSURES TO ALLOW FOR COORDINATING THE DETOUR SIGNING. THE DETOUR SIGNING FOR THE US 23 CLOSURES WILL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE STATE OF OHIO.

SUBMIT, IN WRITING, A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE WORK IS STARTED ON THE PROJECT. PRIOR TO BEGINNING WORK, COORDINATE THE MAINTENANCE OF TRAFFIC OPERATIONS WITH THE LOCAL STATE HIGHWAY PATROL.

2. ALL EXISTING LANES, INCLUDING RAMPS, SHALL BE OPEN AND AVAILABLE TO TRAFFIC IN THE ORIGINAL OR PROPOSED FINAL ALIGNMENT BETWEEN THE SECOND FRIDAY IN NOVEMBER AND THE FIRST FRIDAY IN APRIL WITH THE FOLLOWING EXCEPTIONS:

SR 294

A MINIMUM OF ONE (1) LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 230 DAYS WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET P.22. SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $2000 PER CALANDER DAY.THE SR 294 ROADWAY CLOSURES SHALL BE ESTABLISHED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR AS PER STANDARD CONSTRUCTION DRAWING MT-101.60. THE DETOUR SIGNING SHALL BE ESTABLISHED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE STATE OF OHIO. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER 14 DAYS IN ADVANCE OF THE PLANNED ROAD CLOSURE TO ALLOW FOR COORDINATING THE DETOUR SIGNING.

3. 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)
THANKSGIVING
CHRISTMAS (OBSERVED)
LABOR DAY
GENERAL/REGULAR ELECTION DAY (NOV)
MEMORIAL DAY
FOURTH OF JULY (OBSERVED)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL EVENT	TIMES ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00 NOON MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00 NOON TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00 NOON WEDNESDAY THROUGH 6:00 AM FRIDAY
THANKSGIVING	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00 NOON THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.

4. NOTICE OF CLOSURE SIGNS (W20-H13) 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.

NOTIFICATION TIME FRAME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAY TO PUBLIC
RAMP & ROAD CLOSURES	>=2 WEEKS	14 CALENDAR DAYS*
	>12 HOURS & <2 WEEKS	7 CALENDAR DAYS*
	<=12 HOURS	2 BUSINESS DAYS*

* 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-H13 SIGN LISTS A PHONE NUMBER WHICH MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. DISTRICT 1 PROVIDES A PHONE #: 419-999-6803

5. LENGTH AND DURATION OF LANE CLOSURE 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 RESTRCTIONS 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.

6. 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 CURRENT EDITION WITH THE LATEST REVISIONS. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLANS.

Preliminary plans - For Reference Only

MAINTAINANCE OF TRAFFIC

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424

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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.

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

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 10 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 FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER - 660 M. GAL.

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 50 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

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
RAMP & ROAD CLOSURES	>= 2 WEEKS > 12 HOURS & < 2 WEEKS <= 12 HOURS	21 CALENDAR DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE 4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONST. & 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.

MAINTAINING ACCESS TO ALL PROPERTIES:

ACCESS TO ALL ADJACENT PROPERTIES WITHIN THE WORK LIMITS SHALL BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES AS PER C&MS 614.02(A).

DESIGNATED LOCAL DETOUR ROUTE

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE." THIS ROUTE IS SHOWN ON SHEET P. 22. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE REPLACEMENT PAVEMENT FOR ITEM 253, PAVEMENT REPAIR SHALL CONSIST OF 1-1/4" ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 AND ITEM 407, NON-TRACKING TACK COAT PLACED ON 5" OF ITEM 301, ASPHALT CONCRETE BASE, PG64-22, (449).

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR

ITEM 253 - PAVEMENT REPAIR = 700 SY

ITEM 407 - NON-TRACKING TACK COAT = 150 GAL

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 = 60 CY

ITEM 617 - COMPACTED AGGREGATE = 350 CY

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

LANE CLOSURE(S) SHALL CONFORM TO THE PLCS. PUBLISHED PLCS INFORMATION CAN BE FOUND ON THE ODOT WEBSITE AT: HTTPS://WWW.TRANSPORTATION.OHIO.GOV/WPS/PORTAL/GOV/ODOT/WORKING/DATA-TOOLS/RESOURCES/PERMITTED-LANE-

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. [EXISTING MOT EXCEPTIONS THAT HAVE ALREADY BEEN APPROVED IN ACCORDANCE TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY AND STANDARD PROCEDURE ARE DETAILED IN THE APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION(S) PLAN NOTE.]

ALLOWABLE LANE CLOSURE HOURS FOR FACILITIES NOT COVERED BY THE PLCS, IF ANY, SHALL BE AS SPECIFIED IN THE TABLE BELOW.

PERMITTED LANE CLOSURE SCHEDULE

SECTION	DIRECTION	NUMBER OF PERMITTED CLOSURES	PERMITTED LANE CLOSURES		
			LANE REDUCTION	SUN TO THURS	FRI AND SAT
U.S. 23	NB	2 NIGHTS	2 TO 0	10PM - 5AM *	NOT PERMITTED
U.S. 23	SB	2 NIGHTS	2 TO 0	10PM - 5AM *	NOT PERMITTED

* FOR EACH 15-MINUTE INTERVAL THE LANES REMAIN CLOSED OUTSIDE OF THESE HOURS SHOWN, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE OF $4,000. ANY PORTION OF A 15-MINUTE INTERVAL IS COUNTED AS A FULL 15 MINUTES (e.g.,16 MINUTES IS COUNTED AS 30 MINUTES).

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC GENERAL NOTES

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.17 TOTAL 323

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 1:59:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\MOT\Sheets\121424_MN002.dgn

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR HAZARDS OVER 24" AND LESS THAN 36" WIDE (UNIDIRECTIONAL OR BIDIRECTIONAL)

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 ROADWAY 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.

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.

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 SHALL NOT BE PERMITTED AT PROJECT COST NOR TIME COMPENSATION. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS 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) 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 THAT MEET ALL OF THE CRITERIA LISTED BELOW: 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 AND/OR IN CONTRARY TO OTHER TRAFFIC CONTROL DEVICE 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 CONTRACTOR. 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.

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 SHIFT DURATION SHALL NOT BE LESS THAN THE LEO'S MINIMUM SHOW-UP TIME REQUIRED BY THEIR LAW ENFORCEMENT AGENCY.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.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 THAT 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 300 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 A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

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 NUMBER(S) COUNTY-ROUTE-SECTION(S) DIRECTION(S)

xxxxxx
xxxxxx

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.

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	
ORGINAL 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

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM 614, MAINTAINING TRAFFIC (SIGNS AND BARRICADES)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS PER THE ENGINEER

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC GENERAL NOTES

WYA-023-3.47
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424402-Engineering_EL-Robinson\MOT\Sheets\121424_MN003.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424

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.

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.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES 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.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS WILL BE PROVIDED AT THE DIRECTION OF THE PROJECT ENGINEER. 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.

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, DEACTIVATED 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. 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-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES 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
10 SIGN MONTH
ASSUMING 2 PCMS SIGN(S) FOR 5 MONTH(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 1

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 RAISED PAVEMENT MARKER, AS PER PLAN, INCLUDING FILLING OF ANY DEPRESSIONS CREATED IN THE PAVEMENT AS PER C&MS 621.08.

THE FOLLOWING BID ITEMS SHOULD BE INCLUDED IN THE PLANS:

ITEM 614 - WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN 615 EACH

MOT RESURFACING

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 ARE SHALL BE REMOVED TO A DEPTH NECESSARY TO REACH THE LEVEL OF THE INTERMEDIATE COURSE OF THE PAVEMENT, AS DETERMINED BY THE ENGINEER.

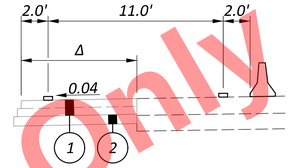
PAYMENT FOR RESURFACING WITHIN THE TRANSITION AREA SHALL BE PAID FOR UNDER THE APPROPRIATE BID ITEMS FOR THE WORK REQUIRED, AS PROVIDED FOR IN THE PLANS.

THE FOLLOWING BID ITEMS SHOULD BE INCLUDED IN THE PLANS:

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE	23,386 SY
ITEM 407 - NON-TRACKING TACK COAT	2339 GAL
ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (T= 1.5")	974 CY
ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (T=1.75")	1137 CY

SHOULDER WIDENING AND REPLACEMENT BUILDUP

ELEVATIONS TO MATCH EXISTING PAVEMENT ELEVATIONS. EXCEPT IN THE AREAS AS SHOWN ON P.189 - P.190.



INSIDE SHOULDER

1. ITEM 301 - 10" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 5" LIFTS)
2. ITEM 304 - 6" AGGREGATE BASE

US 23 NORTHBOUND Δ

TAPERS 4.0' TO 6.0' - STA. 197+87.48 TO STA. 198+37.72

6.0' - STA. 198+37.72 TO STA. 210+48.55 (BRIDGE) STA. 211+77.85 (BRIDGE) TO STA. 215+64.27

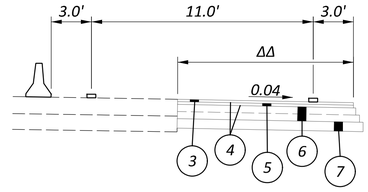
TAPERS 6.0' TO 4.0' - STA. 215+64.27 TO STA. 216+14.27

US 23 SOUTHBOUND Δ

TAPERS 4.0' TO 6.0' - STA. 205+87.29 TO STA. 206+37.29

6.0' - STA. 206+37.29 TO STA. 210+22.62 (BRIDGE) STA. 211+52.44 (BRIDGE) TO STA. 223+64.21

TAPERS 6.0' TO 4.0' - STA. 223+64.21 TO STA. 224+14.21



OUTSIDE SHOULDER

ELEVATIONS TO MATCH EXISTING PAVEMENT ELEVATIONS. EXCEPT IN THE AREAS AS SHOWN ON P.189 - P.190.

3. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)
4. ITEM 407 - NON-TRACKING TACK COAT (APPLICATION RATE PER TABLE 407.06-1)
5. ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5MM, TYPE A (446)
6. ITEM 302 - 9" ASPHALT CONCRETE BASE, PG64-22 (449) (TWO 4.5" LIFTS)
7. ITEM 304 - 6" AGGREGATE BASE

US 23 NORTHBOUND ΔΔ

10.0' - STA. 211+96.32 (BRIDGE) TO STA. 217+56.22

TAPERS 10.0' TO 8.0' - STA. 217+56.22 TO STA. 218+06.22

US 23 SOUTHBOUND ΔΔ

10.0' - STA. 205+12.33 TO STA. 210+04.12 (BRIDGE) STA. 211+33.97 (BRIDGE) TO STA. 226+40.43

TAPERS 10.0' TO 8.0' - STA. 226+40.93 TO STA. 226+90.43

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC GENERAL NOTES

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424

WYA-023-3.47
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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 CONTRACTOR 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.*
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 (CA-D-8) WITHIN GOFORMZ AFTER EACH INSPECTION AS REQUIRED IN # 11 AND SUBMIT IT TO THE ENGINEER BY THE END OF THE WORKDAY IN WHICH THE INSPECTION OCCURRED. THE CA-D-8 INCLUDES A CHECKLIST OF ALL TTC MAINTENANCE ITEMS TO BE REVIEWED. CONTACT GOFORMZ.HELP@DOT.OHIO.GOV TO OBTAIN A USER ACCOUNT. ANY DEFICIENCIES OBSERVED SHALL BE NOTED ON THE CA-D-8, 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 FAILURE TO PERFORM WTS DUTIES REOCCURS OR 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.

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 ISSUES DESCRIBED IN DEDUCTION B OR C ABOVE, THE PRIMARY WTS (AND ANY ALTERNATE WTS, IF APPLICABLE) 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 AT THE PROJECT LEVEL AGAINST THE STATEWIDE PREQUALIFICATION FOR THE PRIMARY WTS (AND ALTERNATE WTS, IF APPLICABLE). ACCUMULATION OF THREE PROJECT LEVEL REMOVALS (FROM ANY PROJECTS STATEWIDE) SHALL CAUSE STATEWIDE DISQUALIFICATION FOR ANY FORMERLY 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.

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.20 TOTAL 323

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 AT WWW.OHIOTIM.COM.

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 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).

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.

ADVANCE WORK ZONE INFORMATION

ADVANCE WORK ZONE INFORMATION SIGNS, AS USED IN THIS NOTE, ARE FIXED MESSAGE TYPES. THE SIGNS ARE TO BE LOCATED AT EXTREME DISTANCE FROM THE WORK AREA, AS SHOWN IN THE PLANS.

THE SIGNS SHALL BE BLACK ON ORANGE (INCLUDING A BLACK BORDER). THE LAYOUT SHALL BE IN CONFORMANCE WITH TEM CHAPTER 211.

WHEN REGULATORY INFORMATION IS PROVIDED, IT SHALL BE DISPLAYED SEPARATELY AS A STANDARD BLACK-ON-WHITE SIGN. MIXING OF BLACK-ON-WHITE REGULATORY INFORMATION ON A BLACK-ON-ORANGE INFORMATION SIGN IS PROHIBITED.

IF THE MOTORIST IS BEING DETOURED OR IF AN ALTERNATE ROUTE IS PROVIDED, THE ROUTE SHOULD BE SIGNED WITH ASSEMBLIES CONSISTING OF THE APPROPRIATE BLACK-ON-ORANGE DETOUR OR ALT MARKER WITH A STANDARD ROUTE MARKER AND ARROW PLATE. IF MORE TARGET VALUE IS DESIRED, THIS TRAIL BLAZER INFORMATION MAY BE SHOWN ON AN ORANGE PANEL (OMUTCD SECTION 2D.32).

ROUTE SIGN ASSEMBLIES SHALL BE SIZED ACCORDING TO THE TYPE OF ROAD ON WHICH THEY ARE LOCATED IN ACCORDANCE WITH THE OMUTCD.

SUPPORTS FOR SIGN INSTALLATIONS SHALL CONFORM TO ALL EXISTING STANDARDS FOR PERMANENT SIGNS. THESE SIGNS SHOULD NOT BE ATTACHED TO EXISTING SUPPORTS.

WHERE THE PLANS CALL FOR AN OVERLAY TO COVER A PORTION OF AN EXISTING SIGN, THE OVERLAY SHALL BE BLACK-ON-ORANGE. LETTER SIZES SHOULD BE THE SAME AS ON THE EXISTING SIGNS. WHEN LANE ARROWS ARE TO BE COVERED, A BLANK OVERLAY SHOULD BE PLACED OVER EACH OF THE AFFECTED ARROWS. WHEN A RAMP IS BEING CLOSED, RATHER THAN USING A BLANK OVERLAY TO COVER THE ENTIRE SIGN, THE LEGEND "EXIT CLOSED" (W20-H15) SHOULD BE USED ON A DIAGONAL OVERLAY (LOWER LEFT TO UPPER RIGHT) ON THE SIGN. THE SIZE OF LETTERING ON OVERLAYS AND THE SIZE OF THE OVERLAY ARE INDICATED IN THE PLANS. THE MINIMUM LETTER SIZE FOR THE DIAGONAL "EXIT CLOSED" (W20-H15) OVERLAY SHALL BE 12" C.

ALL ADVANCE WORK ZONE INFORMATION SIGN INSTALLATIONS LOCATED OUTSIDE OF THE PROJECT WORK LIMITS SHALL BE PAID FOR UNDER APPROPRIATE 630 ITEMS (SIGNS, SUPPORTS, CONCRETE, BREAKAWAY CONNECTION, OVERLAYS, REMOVALS, ETC.).

SEQUENCE OF CONSTRUCTION

PRE-PHASE PAVEMENT OPERATIONS

PRIOR TO SHIFTING TRAFFIC FOR ANY CONSTRUCTION ACTIVITIES WITHIN PHASE 1, INSIDE SHOULDERS MUST BE REPLACED AND WIDENED AS SHOWN IN THE PLANS.

PHASE 1

CLOSE AND DETOUR SR 294 AND TR 127 TO CONSTRUCT ONLINE PORTIONS AND TIE INS. UTILIZE OUTSIDE LANE CLOSURES PER MT-95.30 AND MT-95.40 ON US 23 TO REMOVE PORTIONS OF EXISTING SR 294, RESURFACE WYA-23-0399, ERECT BRIDGE ABUTMENTS, REPLACE AND WIDEN OUTSIDE SHOULDERS, AND CONSTRUCT RAMP TERMINALS. CONSTRUCT OFFLINE PORTIONS OF SR 294, TR 127 AND THE RAMPS AS SHOWN IN THE PLANS.

PHASE 2

CLOSE AND DETOUR SR 294 AND TR 127 TO CONSTRUCT ONLINE PORTIONS AND TIE INS. UTILIZE INSIDE LANE CLOSURES PER MT-95.30 AND MT-95.40 ON US 23 TO REMOVE PORTIONS OF EXISTING SR 294 AND ERECT BRIDGE PIERS. CONSTRUCT OFFLINE PORTIONS OF SR 294, TR 127 AND THE RAMPS AS SHOWN IN THE PLANS.

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC GENERAL NOTES

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER CMW

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.21 TOTAL 323

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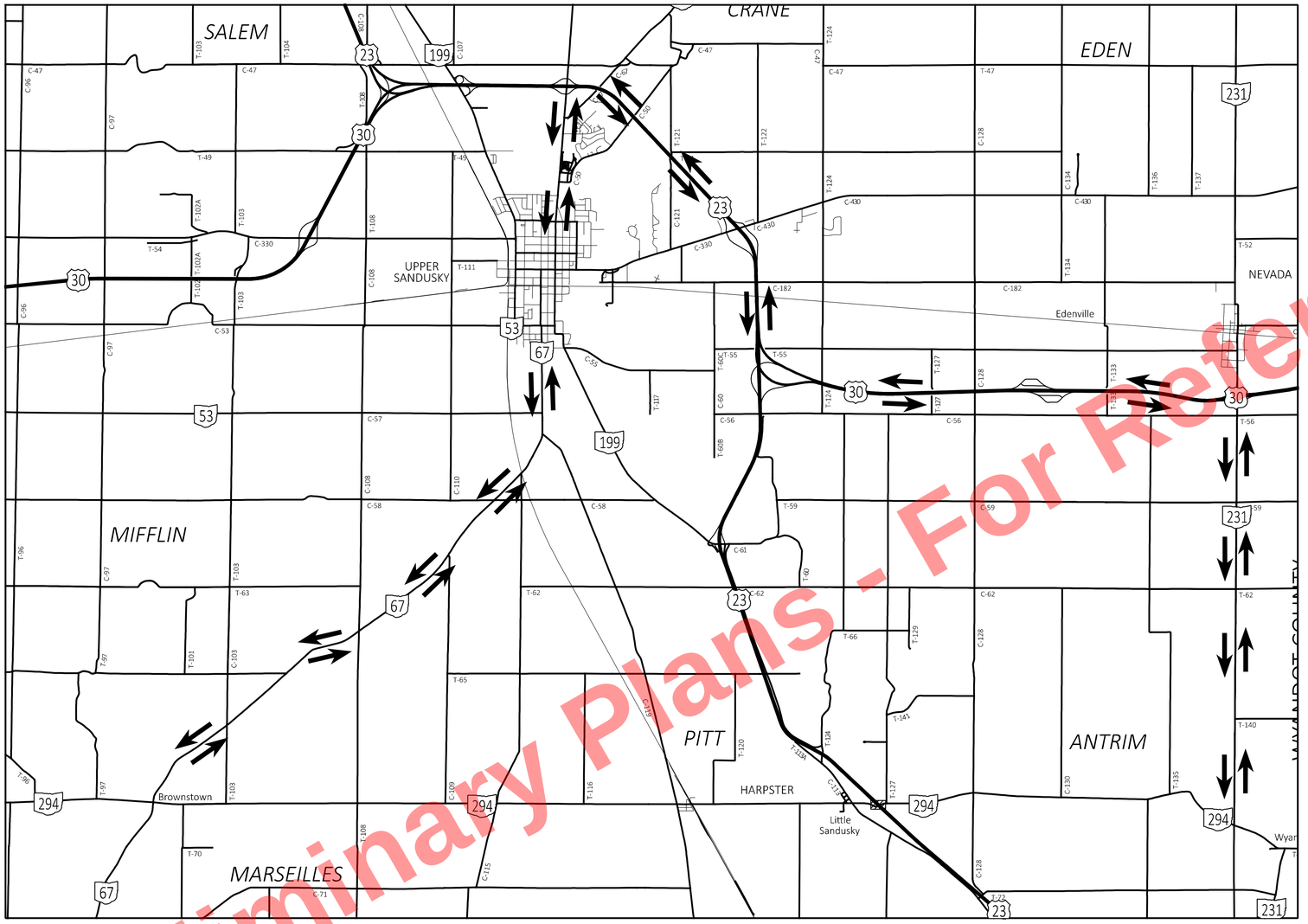
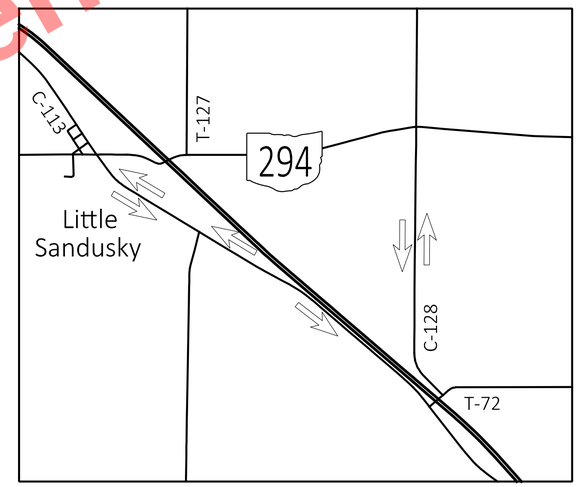


OFFICIAL STATE DETOUR MAP



DESIGNATED LOCAL DETOUR MAP

LEGEND

WORK ZONE

OFFICIAL STATE DETOUR MAP

DESIGNATED LOCAL DETOUR ROUTE

MAINTENANCE OF TRAFFIC DETOUR PLAN - SR 294

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.22 TOTAL 323

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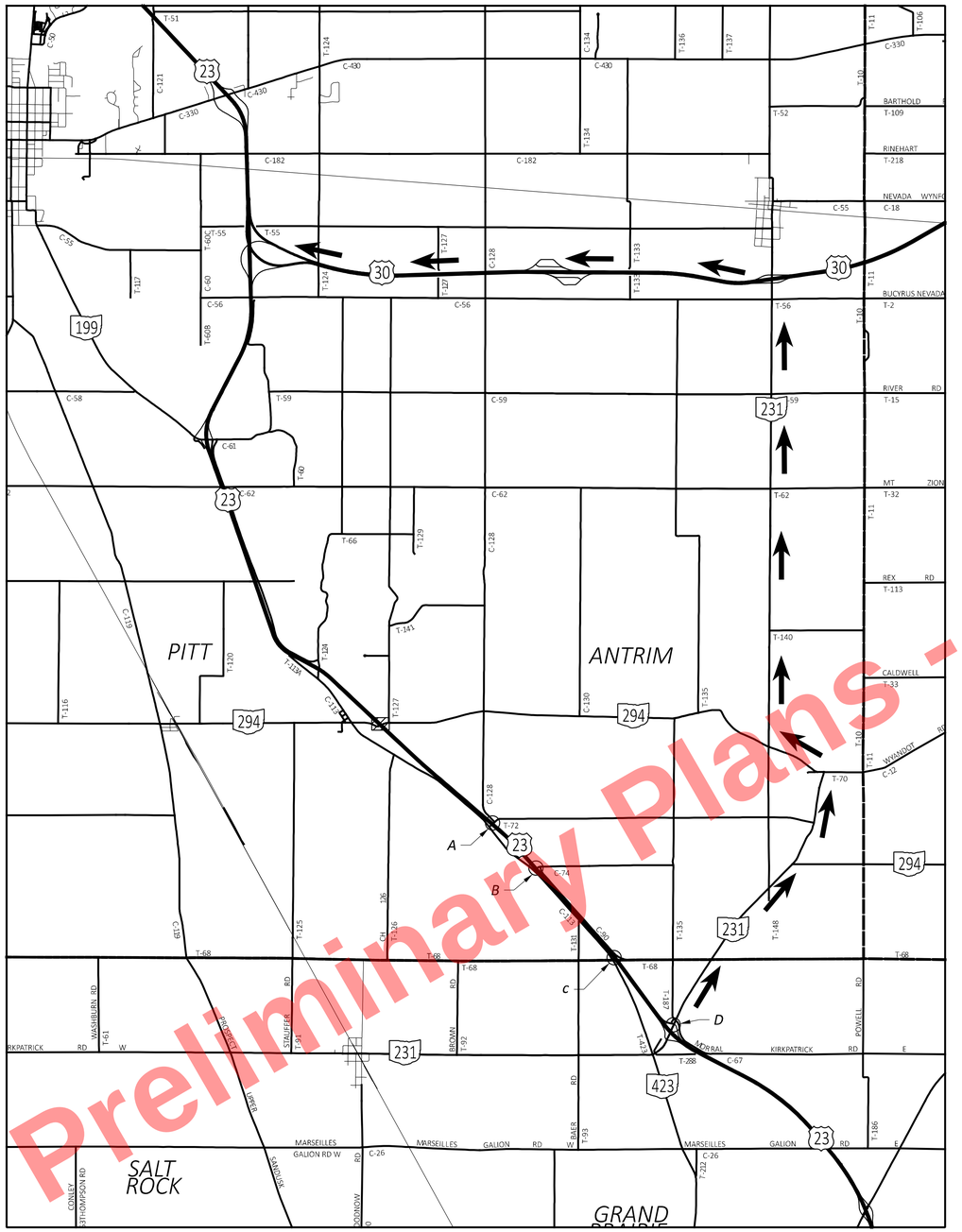
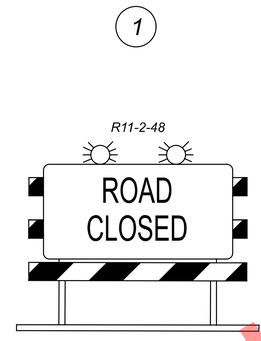


DETOUR MAP



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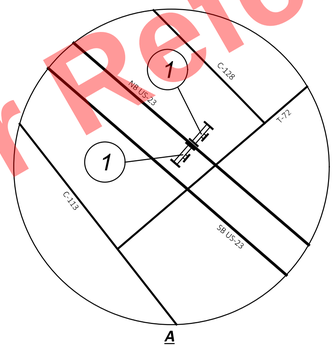

A
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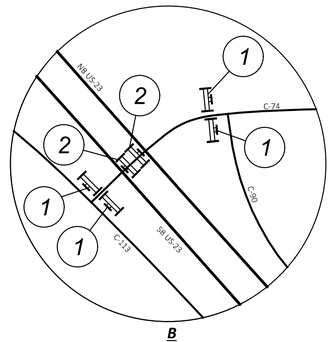

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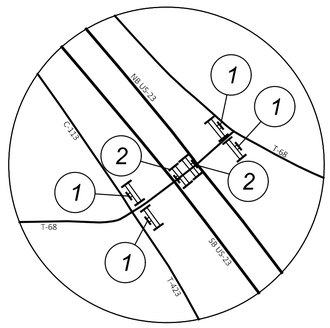
(CLOSE MEDIAN & CR 74 ACCESS)



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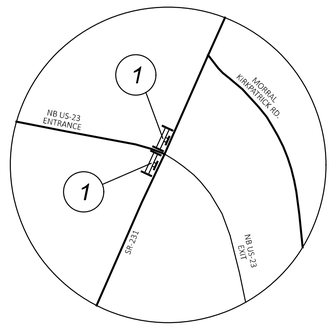

D
(CLOSE NB US 23 ENTRANCE RAMP)

LEGEND

WORK ZONE

TYPE III BARRICADE

OFFICIAL SIGNED DETOUR ROUTE FOR US 23

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MAINTENANCE OF TRAFFIC DETOUR PLAN - NB US 23 CLOSURE

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E.L. ROBINSON ENGINEERING
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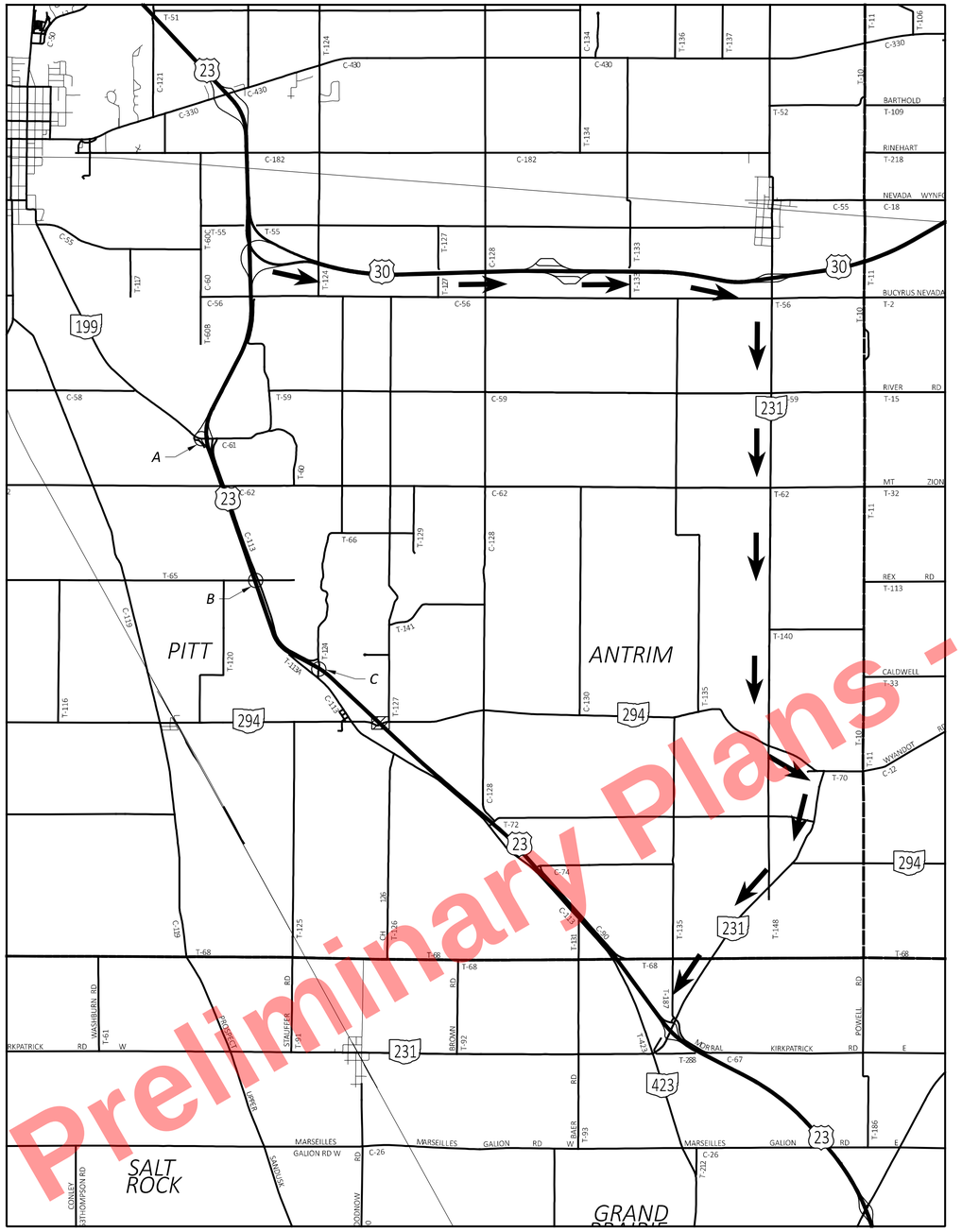
PROJECT ID 121424

SHEET P.23 TOTAL 323



DETOUR MAP

LEGEND

- WORK ZONE
- TYPE III BARRICADE
- OFFICIAL SIGNED DETOUR ROUTE FOR US 23

1

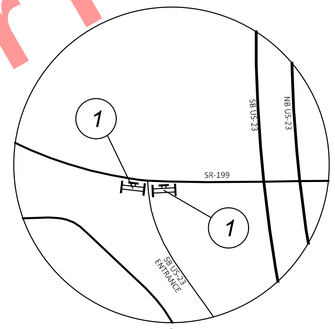
R11-2-48

PER MT-101.60

2

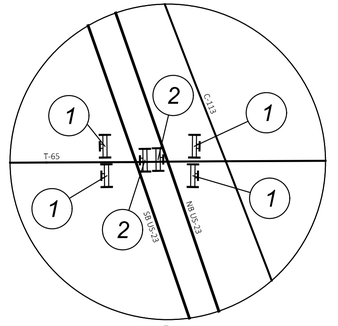
R11-2-48
R6-1R-36

PER MT-101.60



A

(CLOSE SB US 23 ENTRANCE RAMP)



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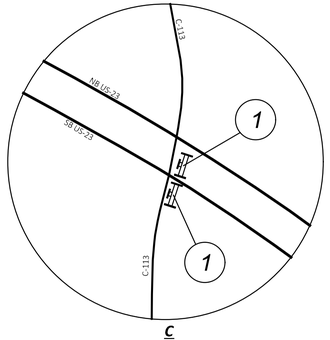

C

(CLOSE SB US 23 LANES)

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC DETOUR PLAN - SB US 23 CLOSURE

WYA-023-3.47

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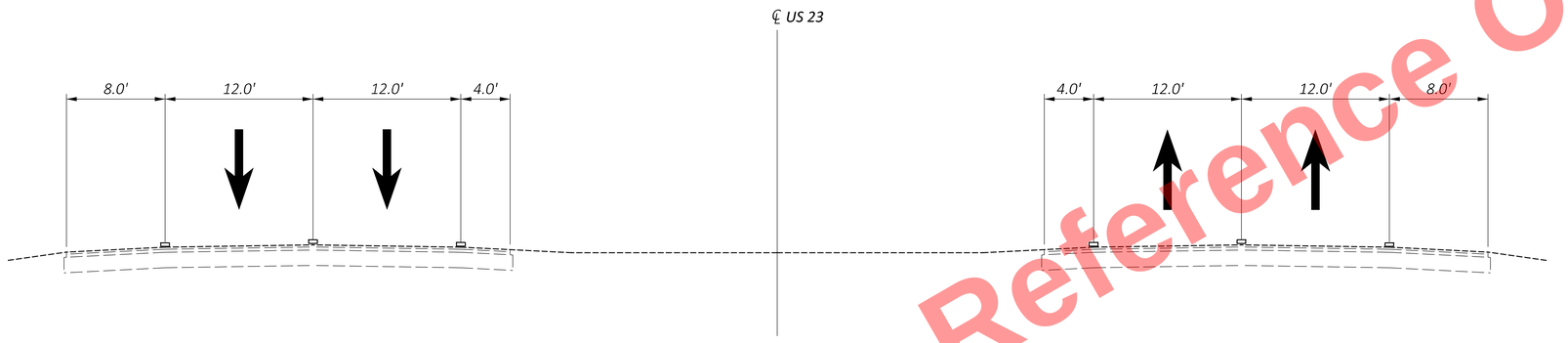
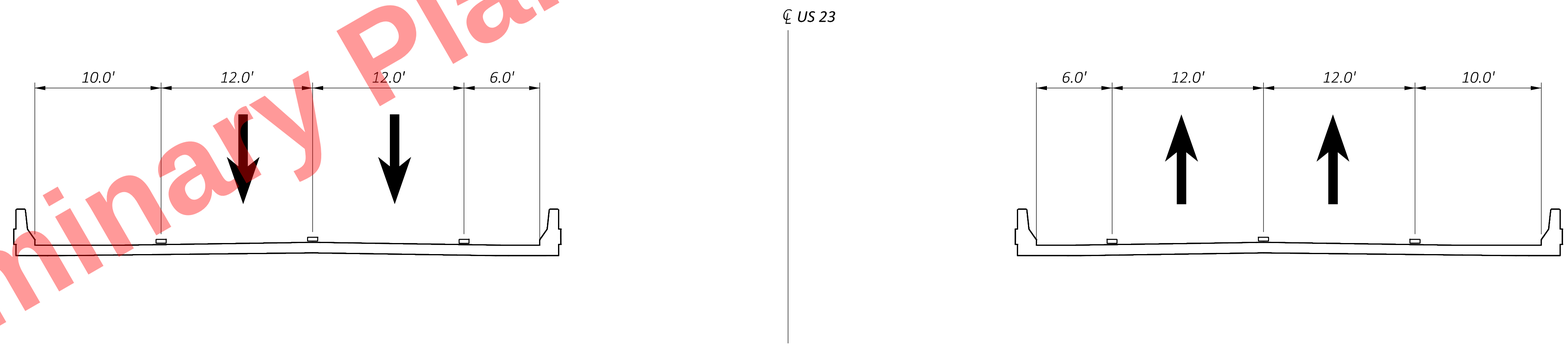
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio
DESIGNER
CMW
REVIEWER
ACF 02/13/26
PROJECT ID
121424
SHEET P.24 TOTAL 323



EXISTING SECTION APPROACHING WYA-23-3.99 L&R BRIDGE



EXISTING SECTION ON WYA-23-3.99 L&R BRIDGE

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - US 23

WYA-023-3.47

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E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
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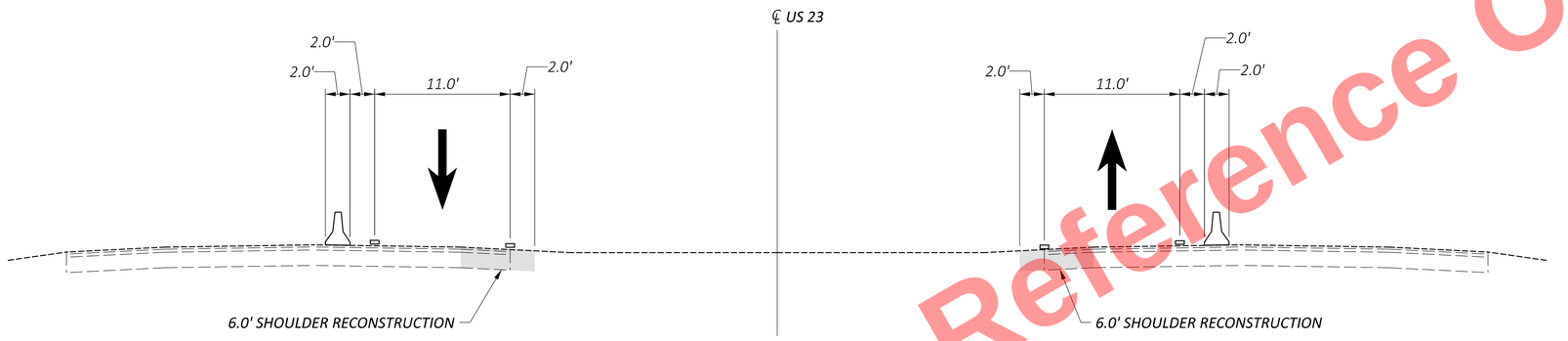
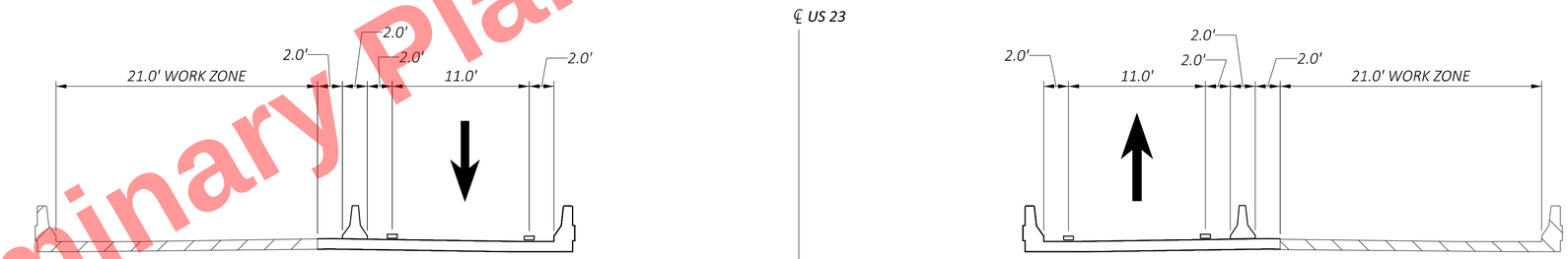
DESIGNER SMB
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.25 TOTAL 323



PHASE 1 APPROACHING WYA-23-3.99 L&R BRIDGE



PHASE 1 ON WYA-023-3.99 L&R BRIDGE

Preliminary Plans - For Reference Only

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - US 23

WYA-023-3.47

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E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

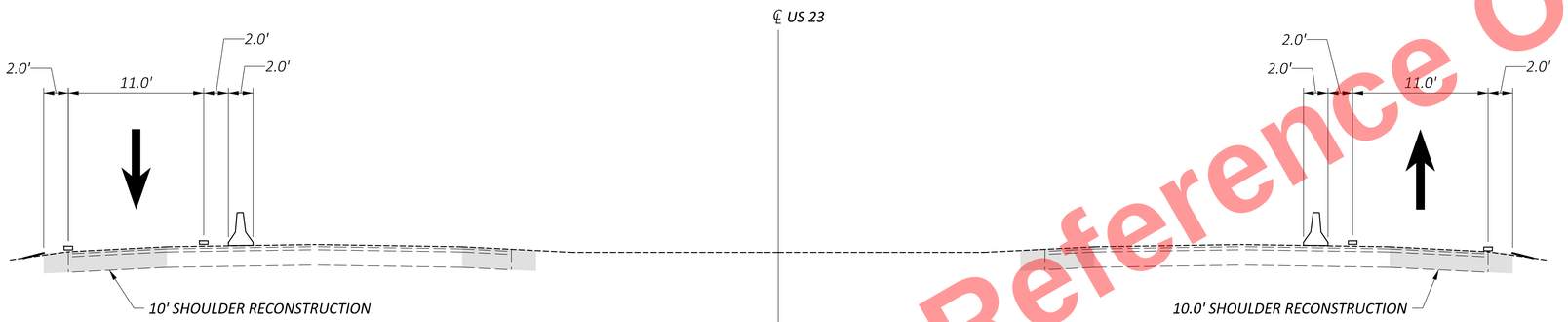
DESIGNER
SMB

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.26 | TOTAL 323

Preliminary Plans - For Reference Only



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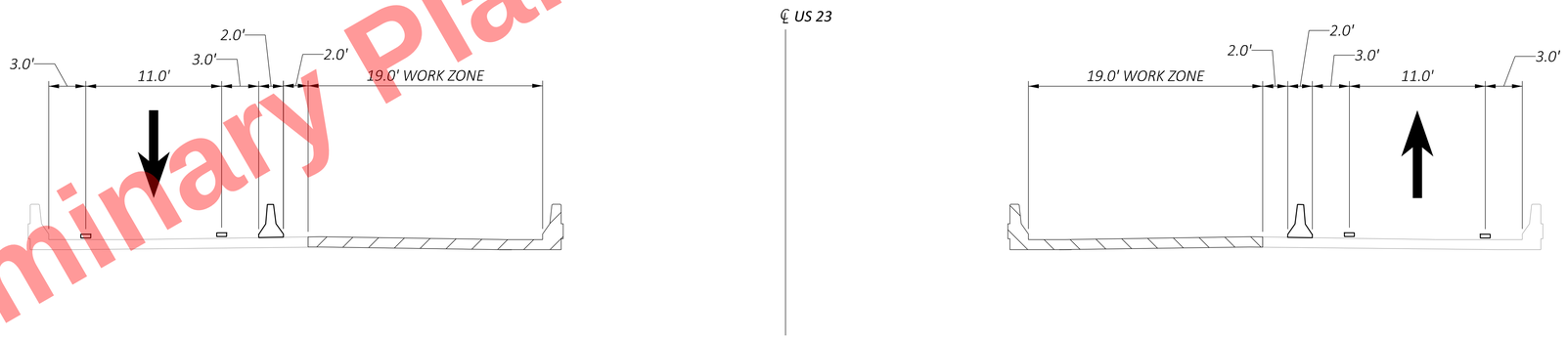

PHASE 2 ON WYA-23-3.99 L&R BRIDGE

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - US 23

WYA-023-3.47

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Grandview Heights, Ohio

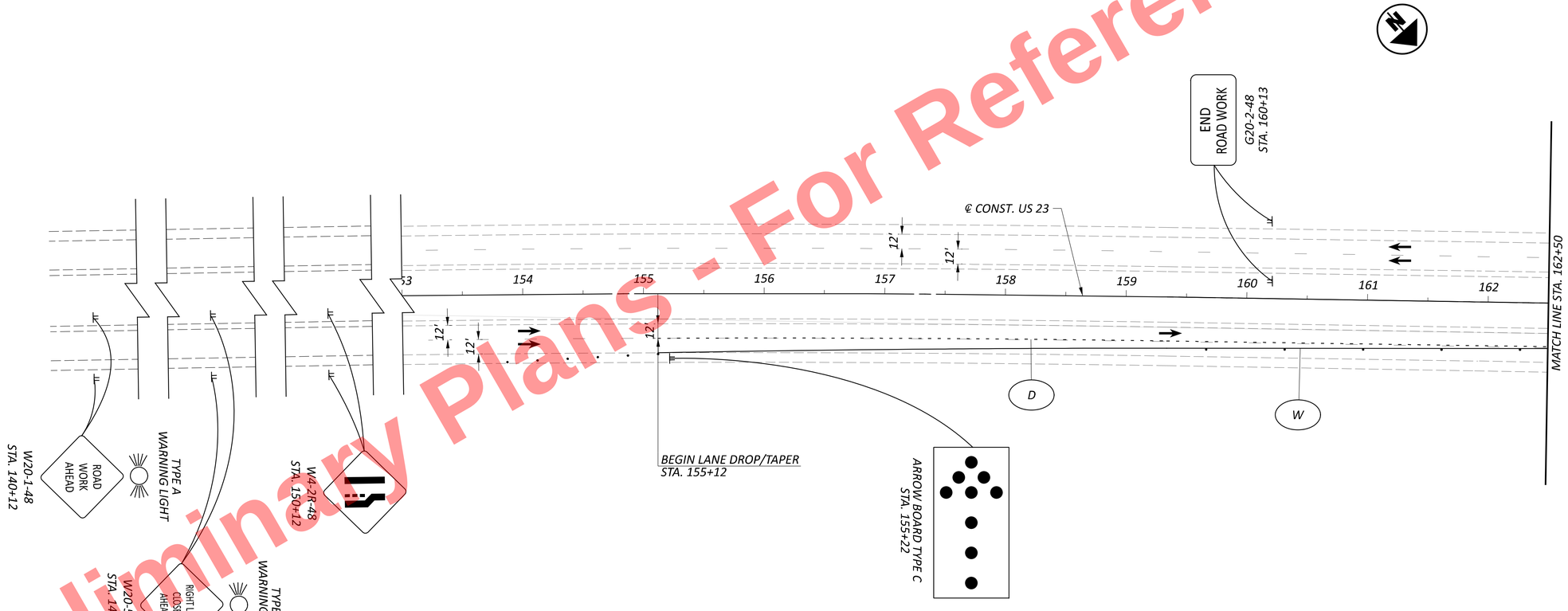
DESIGNER
SMB

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.27 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

- (W) *ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807*
- (Y) *ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807*
- (D) *ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807*
- (PB) *ITEM 622 - PORTABLE BARRIER*
- *FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE*
- *WORK ZONE*
- *CONSTRUCTION BARREL*
- *DIRECTION OF TRAVEL*
- *PORTABLE BARRIER*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
BEGIN PHASE TO STA. 162+50.00

WYA-023-3.47

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DESIGN AGENCY
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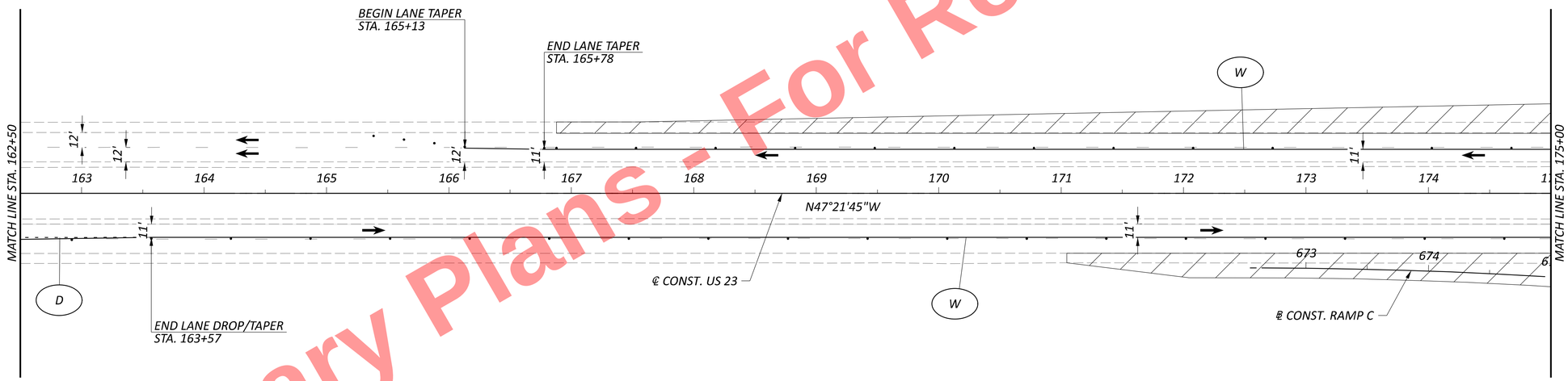
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.28 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

W	ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807	D	ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807		FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
Y	ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807	PB	ITEM 622 - PORTABLE BARRIER		WORK ZONE

- ○ CONSTRUCTION BARREL
- → DIRECTION OF TRAVEL
- ▭ PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 162+50.00 TO STA. 175+00.00

WYA-023-3.47

MODEL: 121424_MP102 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:02:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
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1468 West 9th St. Suite 800 Cleveland, Ohio
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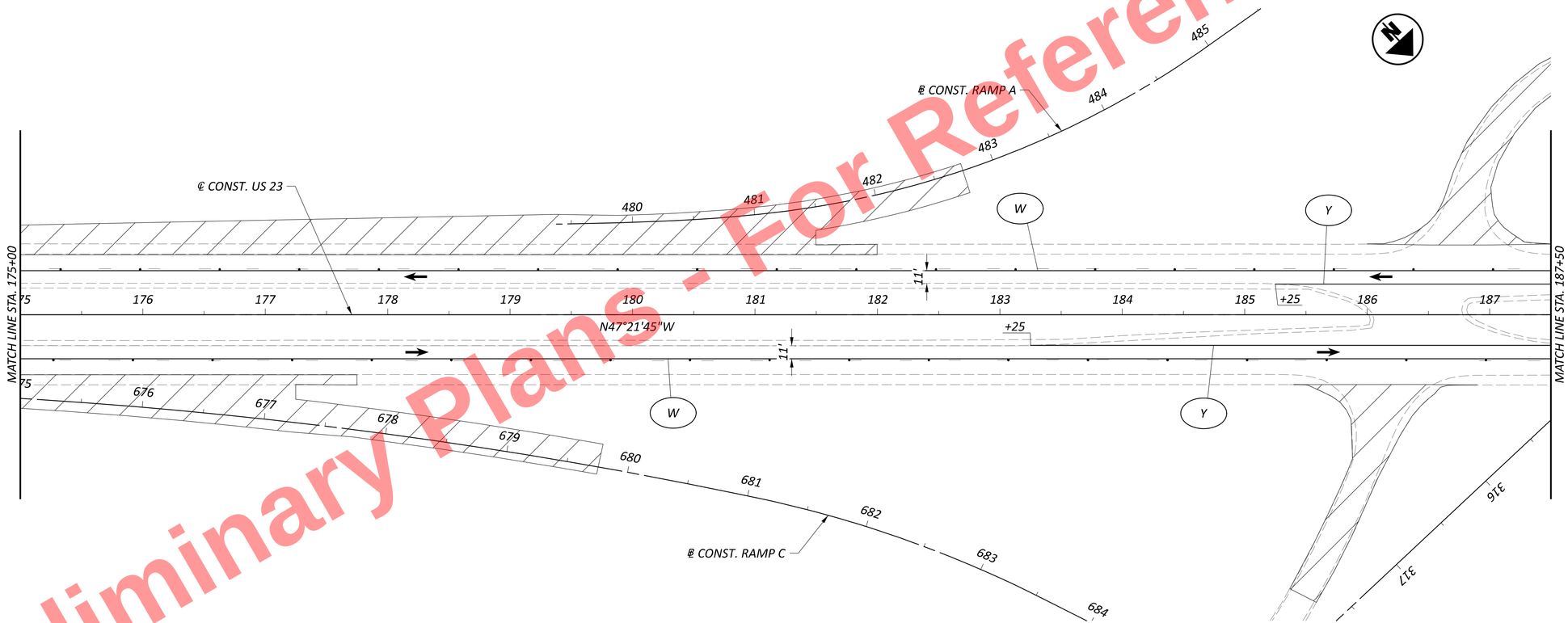
DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.29 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

- W — ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
- Y — ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
- D — ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
- PB — ITEM 622 - PORTABLE BARRIER
- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 175+00.00 TO STA. 187+50.00

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PROJECT ID 121424
SHEET P.30 TOTAL 323

WYA-023-3.47

MODEL: 121424_MP103 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:02:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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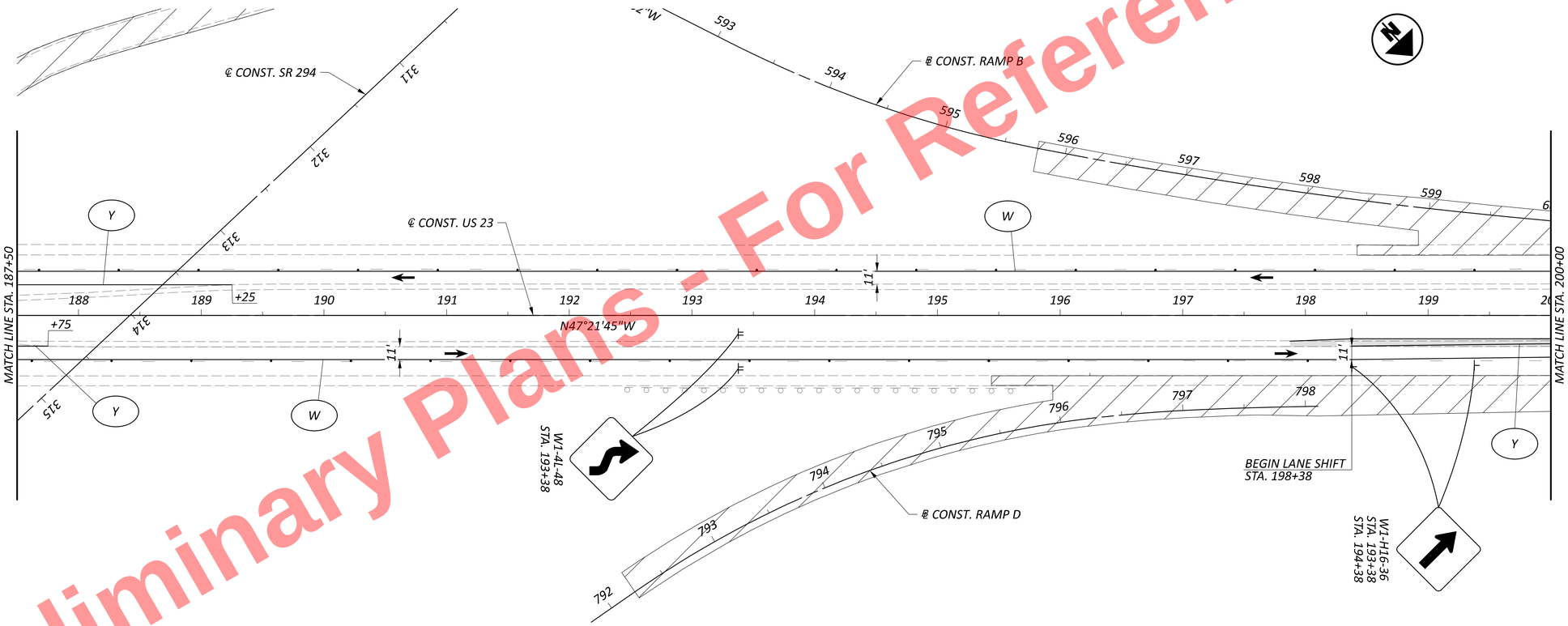
Preliminary Plans - For Reference Only



LEGEND

W	ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807	D	ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807		FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
Y	ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807	PB	ITEM 622 - PORTABLE BARRIER		WORK ZONE

- ○ CONSTRUCTION BARREL
- → DIRECTION OF TRAVEL
- ▭ PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 187+50.00 TO STA. 200+00.00

WYA-023-3.47

MODEL: 121424_MP104 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:02:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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Cleveland, Ohio
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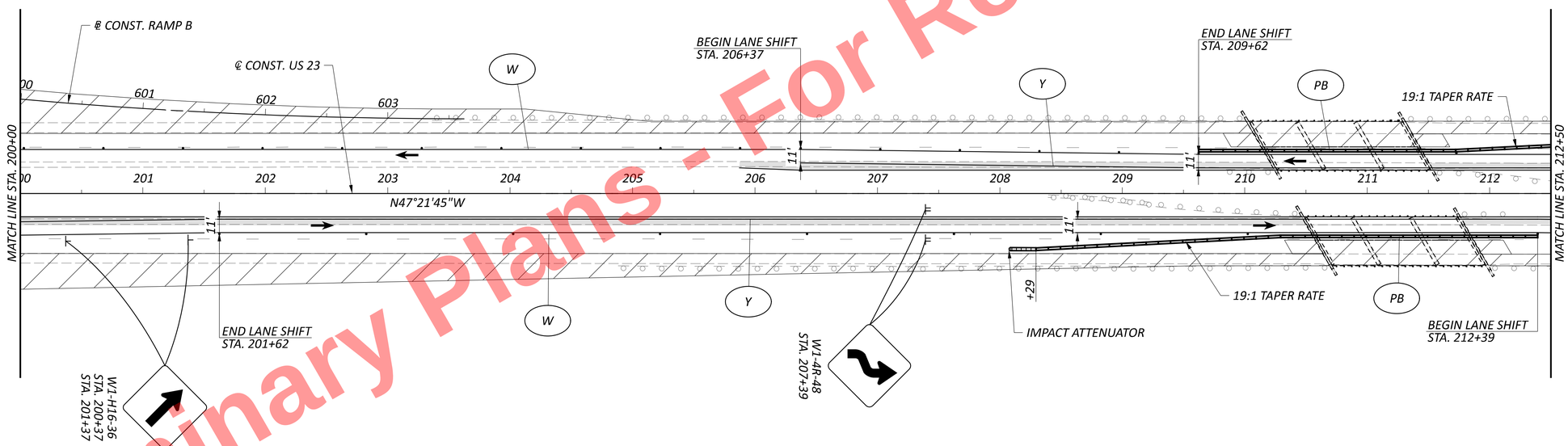
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.31 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

W — ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807	D — ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807	FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE	CONSTRUCTION BARREL
Y — ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807	PB — ITEM 622 - PORTABLE BARRIER	WORK ZONE	DIRECTION OF TRAVEL
			PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 200+00.00 TO STA. 212+50.00

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PROJECT ID 121424
SHEET P.32 TOTAL 323

WYA-023-3.47

MODEL: 121424_MP105 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:02:58 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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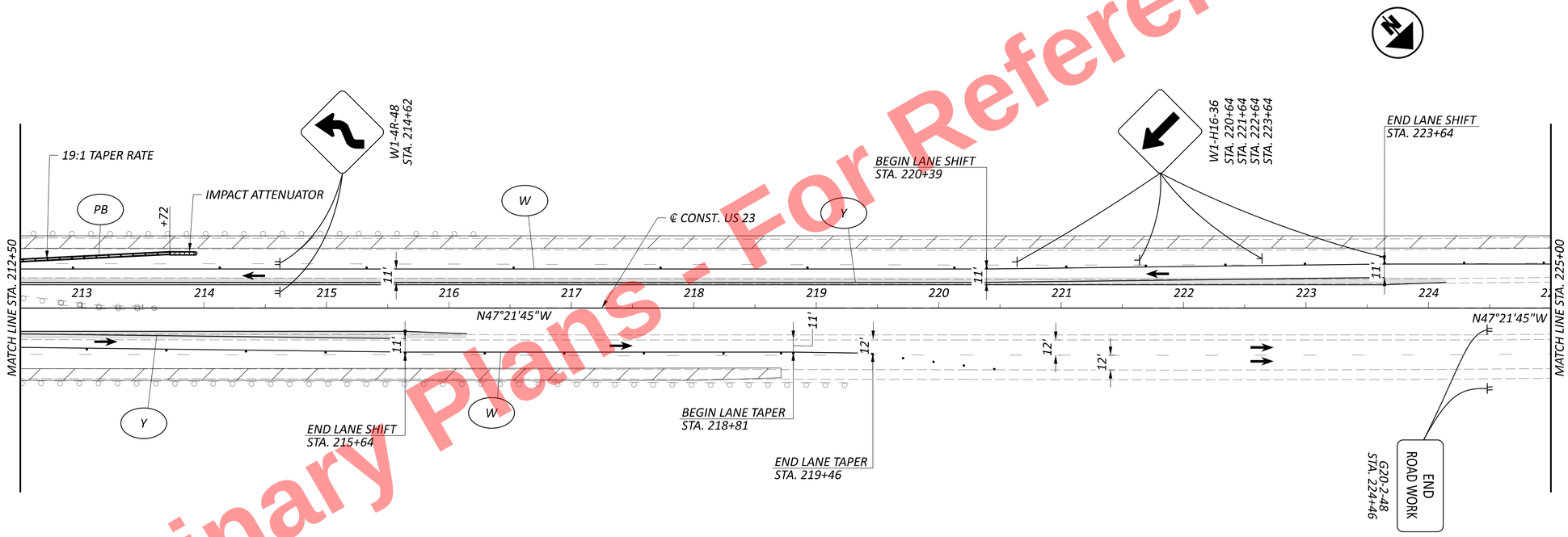
Preliminary Plans - For Reference Only



LEGEND

- (W) *ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807*
- (Y) *ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807*
- (D) *ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807*
- (PB) *ITEM 622 - PORTABLE BARRIER*
- *FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE*
- *WORK ZONE*
- *CONSTRUCTION BARREL*
- *DIRECTION OF TRAVEL*
- *PORTABLE BARRIER*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 212+50.00 TO STA. 225+00.00

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Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.33 TOTAL 323

WYA-023-3.47

MODEL: 121424_MP106 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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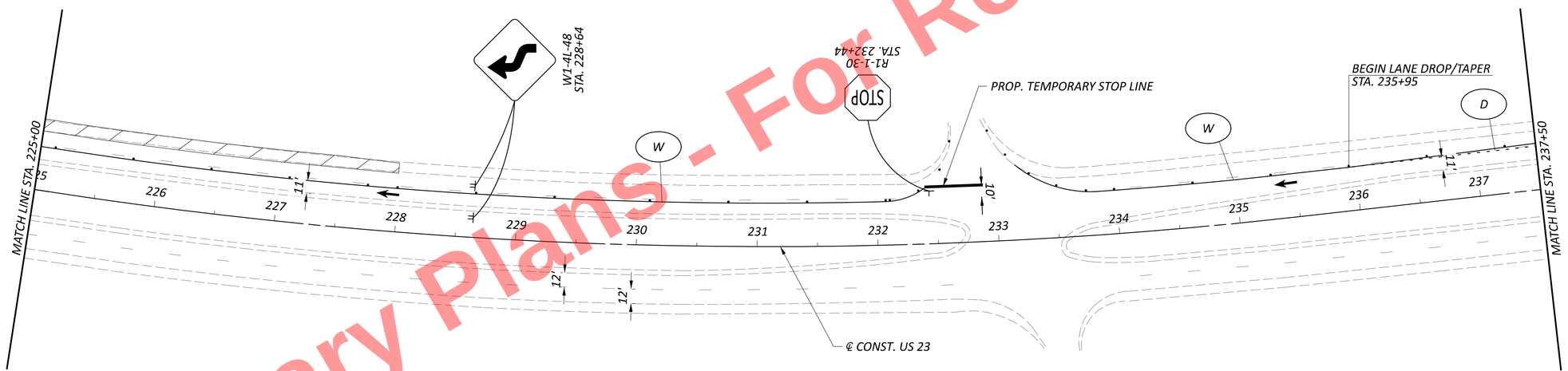

Preliminary Plans - For Reference Only

LEGEND

W	ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807	D	ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807		FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
Y	ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807	PB	ITEM 622 - PORTABLE BARRIER		WORK ZONE

○	CONSTRUCTION BARREL
→	DIRECTION OF TRAVEL
▭	PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 225+00.00 TO STA. 237+50.00

WYA-023-3.47

MODEL: 121424_MP107 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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1468 West 9th St. Suite 800
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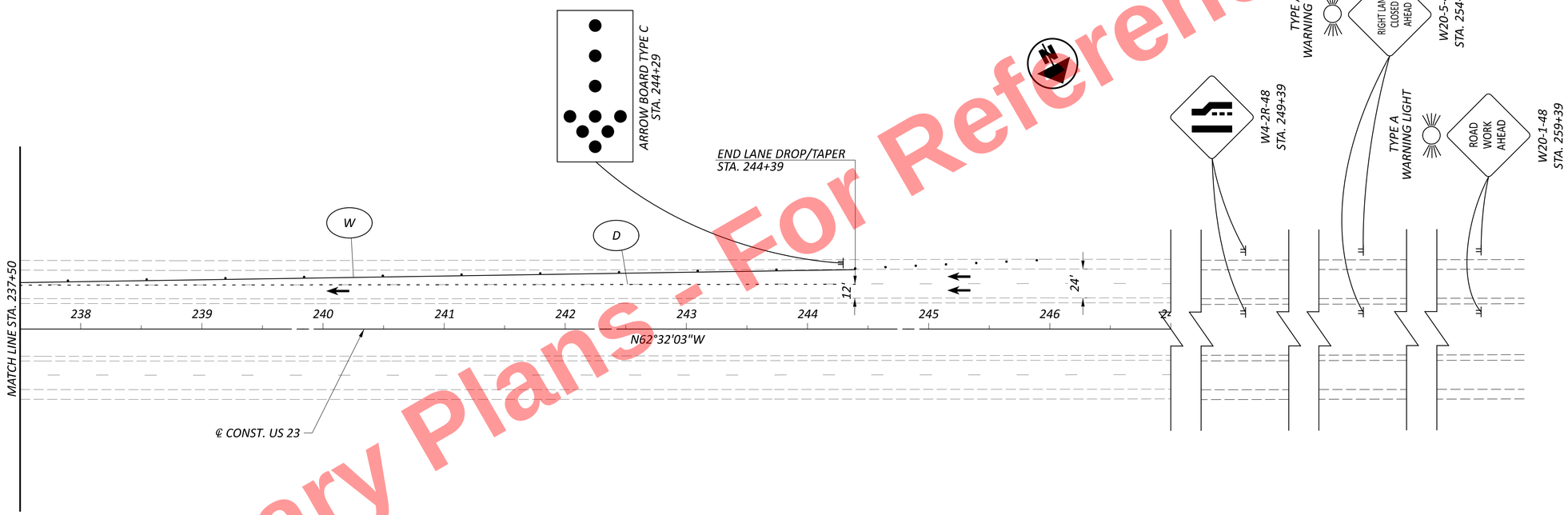
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.34 TOTAL 323



Preliminary Plans - For Reference Only

LEGEND

- (W) ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
- (Y) ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
- (D) ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
- (PB) ITEM 622 - PORTABLE BARRIER
- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 1
STA. 237+50.00 TO END PHASE

WYA-023-3.47

MODEL: 121424_MP108 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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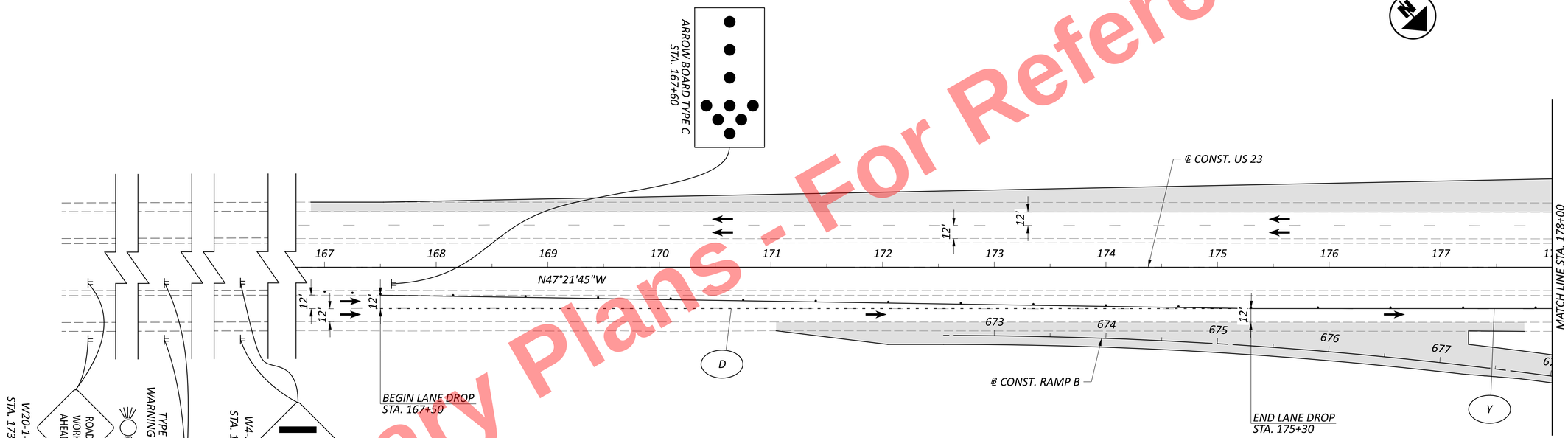
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 160
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.35 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

- W — ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
- Y — ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
- D — ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
- PB — ITEM 622 - PORTABLE BARRIER
- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- PAVEMENT REMOVED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
BEGIN PHASE TO STA. 178+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.36 TOTAL 323

WYA-023-3.47

MODEL: 121424_MP201 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:33 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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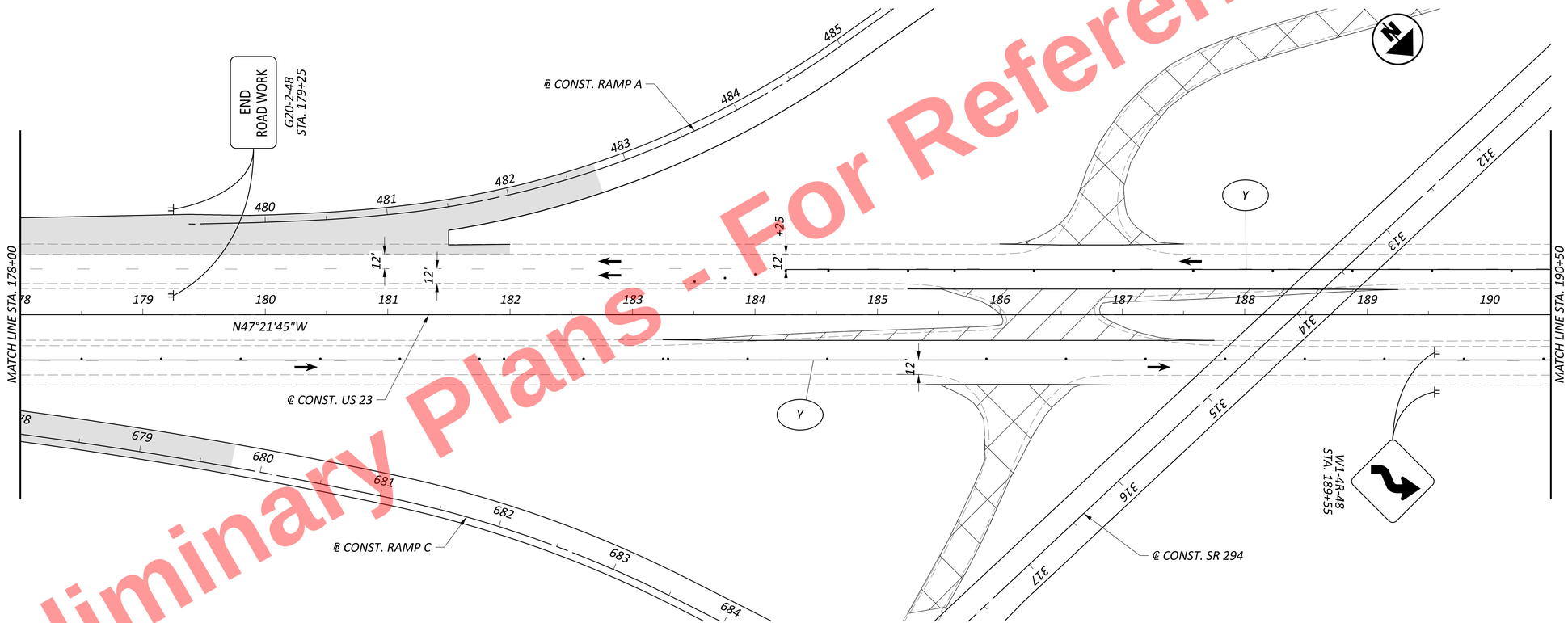
Preliminary Plans - For Reference Only



LEGEND

- (W) *ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807*
- (Y) *ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807*
- (D) *ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807*
- (PB) *ITEM 622 - PORTABLE BARRIER*
- *FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE*
- *PAVEMENT REMOVED IN PREVIOUS PHASE*
- *WORK ZONE*
- *CONSTRUCTION BARREL*
- *DIRECTION OF TRAVEL*
- *PORTABLE BARRIER*

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 178+00.00 TO STA. 190+50.00

WYA-023-3.47

MODEL: 121424_MP202 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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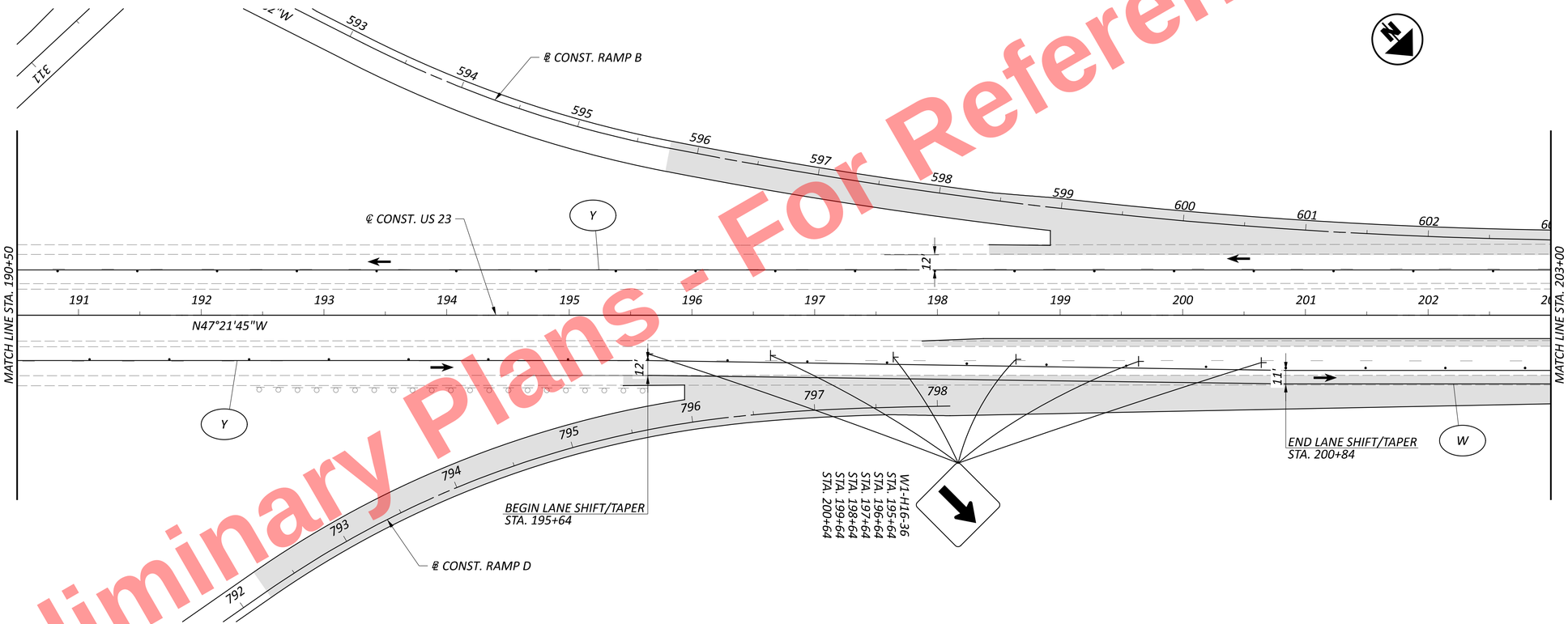
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.37 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

- (W) ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
- (Y) ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
- (D) ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
- (PB) ITEM 622 - PORTABLE BARRIER
- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- PAVEMENT REMOVED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 190+50.00 TO STA. 203+00.00

WYA-023-3.47

MODEL: 121424_MP203 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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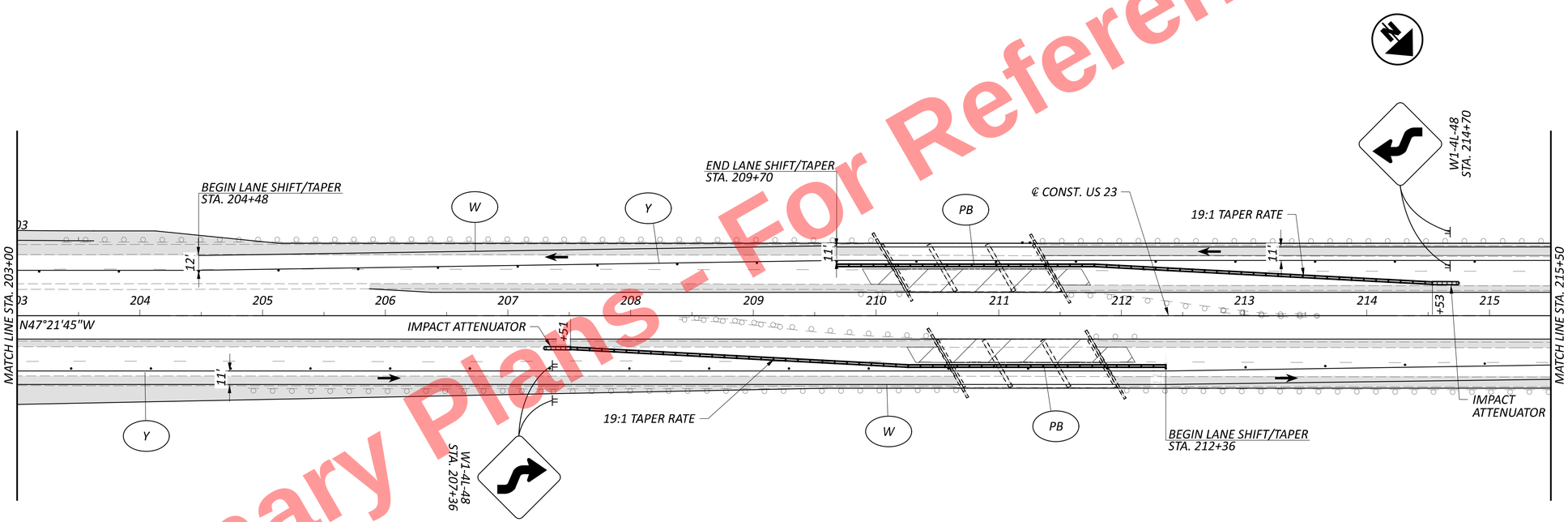
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.38 TOTAL 323

Preliminary Plans - For Reference Only



LEGEND

W	ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
Y	ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
D	ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
PB	ITEM 622 - PORTABLE BARRIER

- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- PAVEMENT REMOVED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARREL

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 203+00.00 TO STA. 215+50.00

WYA-023-3.47

MODEL: 121424_MP204 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:03:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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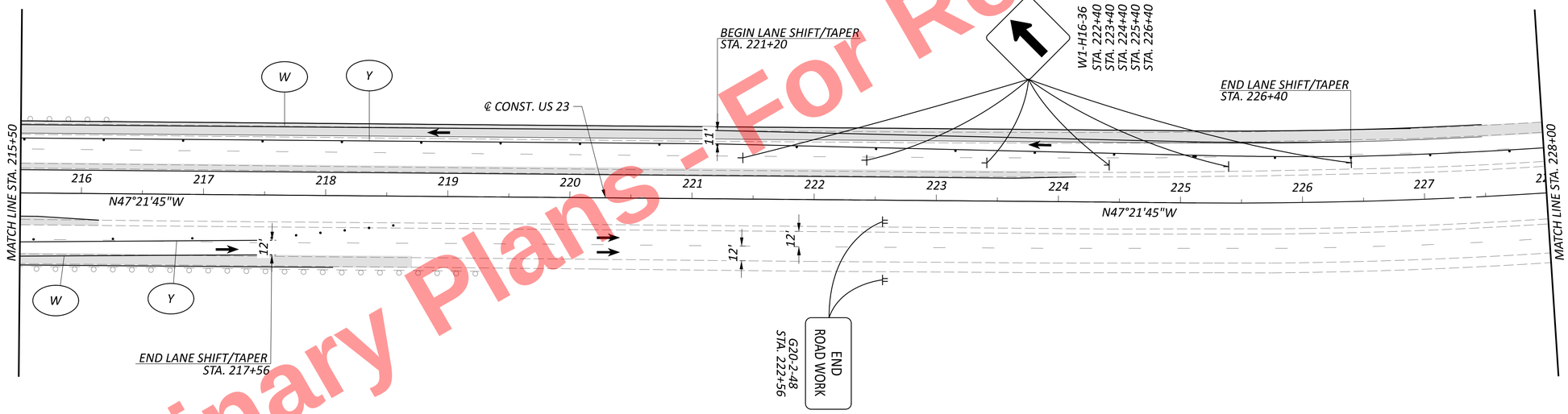
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.39 TOTAL 323



Preliminary Plans - For Reference Only

LEGEND

- W — ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
- Y — ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
- D — ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
- PB — ITEM 622 - PORTABLE BARRIER
- FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE
- PAVEMENT REMOVED IN PREVIOUS PHASE
- WORK ZONE
- CONSTRUCTION BARREL
- DIRECTION OF TRAVEL
- PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 215+50.00 TO STA. 228+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
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Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.40 TOTAL 323

WYA-023-3.47

MODEL: 121424_MP205 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:04:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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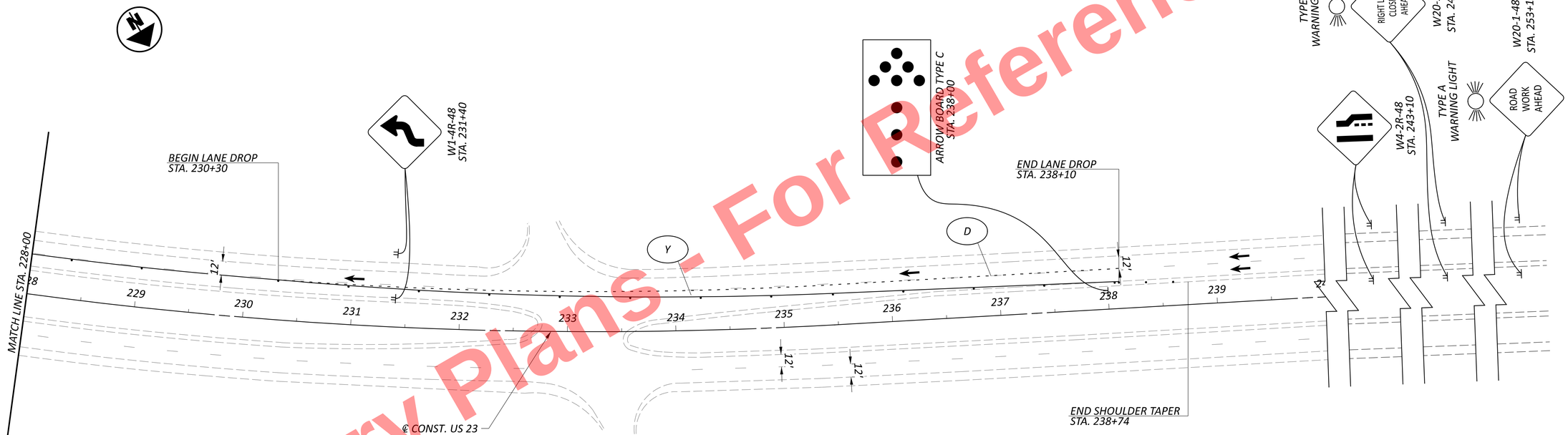
Preliminary Plans - For Reference Only



LEGEND

W	ITEM 614 - WORK ZONE EDGE LINE, WHITE, CLASS I, 807
Y	ITEM 614 - WORK ZONE EDGE LINE, YELLOW, CLASS I, 807
D	ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 807
PB	ITEM 622 - PORTABLE BARRIER

FULL DEPTH PAVEMENT COMPLETED IN PREVIOUS PHASE

PAVEMENT REMOVED IN PREVIOUS PHASE

WORK ZONE

CONSTRUCTION BARREL

DIRECTION OF TRAVEL

PORTABLE BARRIER

HORIZONTAL SCALE IN FEET
0 25 50 100

MAINTENANCE OF TRAFFIC - PHASE 2
STA. 228+00.00 TO END PHASE

WYA-023-3.47

MODEL: 121424_MP206 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:04:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.41 TOTAL 323

SHEET NO.	STATION TO STATION			614 WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) EACH	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WHITE) MILE	614 WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (YELLOW) MILE	614 WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT FT	614 WORK ZONE STOP LINE, CLASS I FT	622 PORTABLE BARRIER, UNANCHORED FT
	PHASE 1								
28	BEGIN		162+50.00		738		738		
29	162+50.00		175+00.00		2237		107		
30	175+00.00		187+50.00		2500	650			
31	187+50.00		200+00.00		2500	362			
32	200+00.00		212+50.00	1	2500	1863			698
33	212+50.00		225+00.00	1	1946	1428			122
34	225+00.00		237+50.00		1175		155	46	
35	237+50.00		END		689		689		
	PHASE 2								
36	BEGIN		178+00.00			1050	780		
37	178+00.00		190+50.00			1875			
38	190+50.00		203+00.00		736	2500			
39	203+00.00		215+50.00	2	2352	2500			971
40	215+50.00		228+00.00		1296	1456			
41	228+00.00		END			1010	780		
					18669.0	14694.0			
	TOTALS CARRIED TO GENERAL SUMMARY			4	3.54	2.78	3249	46	1791

Preliminary Plans - For Reference Only

MAINTENNCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.42 | TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:03:31 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCE\v02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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SHEET NUMBER														PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	13	14	49	50	51	57	285	RW.4						01/NHS						
																			ROADWAY	
	LS													LS	201	11000	LS		CLEARING AND GRUBBING	
				7										7	202	20010	7	EACH	HEADWALL REMOVED	
			18,560											18,560	202	23000	18,560	SY	PAVEMENT REMOVED	
				39										39	202	32800	39	SY	CONCRETE SLOPE PROTECTION REMOVED	
				1,198										1,198	202	35100	1,198	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
				59										59	202	35200	59	FT	PIPE REMOVED, OVER 24" DIAMETER	
			3,246											3,246	202	38000	3,246	FT	GUARDRAIL REMOVED	
			168											168	202	38300	168	FT	GUARDRAIL REMOVED, BARRIER DESIGN	
				5										5	202	58100	5	EACH	CATCH BASIN REMOVED	
		100		17										117	SPECIAL	20270110	117	FT	PIPE CLEANOUT, 24" AND UNDER	14
		100												100	SPECIAL	20270120	100	FT	PIPE CLEANOUT, 27" TO 48"	14
			5,114											5,114	202	75000	5,114	FT	FENCE REMOVED	
						88,407								88,407	203	10000	88,407	CY	EXCAVATION	
						75,730								75,730	203	20000	75,730	CY	EMBANKMENT	
35,464														35,464	204	10000	35,464	SY	SUBGRADE COMPACTION	
						2,337								2,337	204	13000	2,337	CY	EXCAVATION OF SUBGRADE	
						2,297								2,297	204	13000	2,297	CY	EXCAVATION OF SUBGRADE, UNSUITABLE	
						5,093								5,093	204	30020	5,093	CY	GRANULAR MATERIAL, TYPE C	
	16													16	204	45000	16	HOUR	PROOF ROLLING	
						10,325								10,325	204	50000	10,325	SY	GEOTEXTILE FABRIC, TYPE D	
144														144	206	10300	144	TON	LIME	
5,565														5,565	206	11000	5,565	SY	CURING COAT	
5,565														5,565	206	10010	5,565	SY	LIME STABILIZED SUBGRADE, 12 INCHES DEEP	
					1,325									1,325	606	15051	1,325	FT	GUARDRAIL, TYPE MGS, AS PER PLAN	13
					1,400									1,400	606	15101	1,400	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN	13
					5									5	606	15551	5	FT	GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN	13
					9									9	606	26100	9	EACH	ANCHOR ASSEMBLY, TYPE E	
					2									2	606	26500	2	EACH	ANCHOR ASSEMBLY, TYPE T	
					2									2	606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
					2									2	606	35102	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
					8									8	606	35140	8	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4	
					4									4	606	60012	4	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	
							5,064							5,064	607	15001	5,064	FT	FENCE, TYPE 47, AS PER PLAN	13
							5,064							5,064	607	70000	5,064	FT	FENCELINE SEEDING AND MULCHING	
					226									226	609	23001	226	FT	COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN	13
								6						6	623	38550	6	EACH	MONUMENT ASSEMBLY, TYPE D	
								9						9	623	40500	9	EACH	REFERENCE MONUMENT, TYPE A	
								2						2	623	40520	2	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
					50									50	626	00110	50	EACH	BARRIER REFLECTOR, TYPE 2	

Preliminary Plans - For Reference Only

GENERAL SUMMARY

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:07:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER KRF
REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET NUMBER														PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
13	14	52	53	55	199	200	201	202	203	285				01/NHS						
																			EROSION CONTROL	
	10													10	601	21050	10	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
			386											386	601	21060	386	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
										13.67				13.67	601	32104	13.67	CY	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC	
	3		11		4		2	4	2					26	601	32200	26	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
			186											186	601	37500	186	FT	PAVED GUTTER, TYPE 1-2	
			43											43	601	38000	43	FT	PAVED GUTTER, TYPE 1-4	
	50													50	605	31100	50	FT	AGGREGATE DRAINS	
			252											252	654	10001	252	MSF	RENOVATING EXISTING SOIL, AS PER PLAN	205
2														2	659	00100	2	EACH	SOIL ANALYSIS TEST	
12,372														12,672	659	00300	12,372	CY	TOPSOIL	
114,165														114,165	659	10000	114,165	SY	SEEDING AND MULCHING	
5,708														5,708	659	14000	5,708	SY	REPAIR SEEDING AND MULCHING	
5,708														5,708	659	15000	5,708	SY	INTER-SEEDING	
15.92														15.92	659	20000	15.92	TON	COMMERCIAL FERTILIZER	
23.59														23.59	659	31000	23.59	ACRE	LIME	
632														632	659	35000	632	MGAL	WATER	
			1,676											1,676	670	00720	1,676	SY	DITCH EROSION PROTECTION MAT, TYPE B	
			28,011											28,011	671	14000	28,011	SY	EROSION CONTROL MAT	
														LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
														LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
														LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
														376,674	832	30000	376,674	EACH	EROSION CONTROL	
			396											396	836	10000	396	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	
																			DRAINAGE	
		14.3			4.2	3.9	1	0.9	1					25.3	602	20000	25.3	CY	CONCRETE MASONRY	
				9,917										9,917	605	11110	9,917	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (30" DEPTH)	
	100			266										366	605	13410	366	FT	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
				13,524										13,524	605	14020	13,524	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
				1,038										1,038	611	00510	1,038	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
	100													100	611	00900	100	FT	6" CONDUIT, TYPE B	
		10												10	611	01100	10	FT	6" CONDUIT, TYPE C	
	100													100	611	01400	100	FT	6" CONDUIT, TYPE E	
	200													200	611	01500	200	FT	6" CONDUIT, TYPE F	
		44												44	611	02000	44	FT	8" CONDUIT, TYPE C	
		191												191	611	04400	191	FT	12" CONDUIT, TYPE B	
		23												23	611	04600	23	FT	12" CONDUIT, TYPE C	
		95												95	611	05200	95	FT	12" CONDUIT, TYPE F	
		33												33	611	06100	33	FT	15" CONDUIT, TYPE C	
								54	81					135	611	10200	135	FT	24" CONDUIT, TYPE A	
							76							76	611	11700	76	FT	27" CONDUIT, TYPE A	
						141								141	611	16200	141	FT	36" CONDUIT, TYPE A	
					103									103	611	19200	103	FT	42" CONDUIT, TYPE A	
		118												118	611	19400	118	FT	42" CONDUIT, TYPE B	
		104												104	611	19600	104	FT	42" CONDUIT, TYPE C	
		107												107	611	96600	107	FT	CONDUIT, BORED OR JACKED, 15"	15
		4												4	611	98180	4	EACH	CATCH BASIN, NO. 3A	
		2												2	611	98300	2	EACH	CATCH BASIN, NO. 5	
		1												1	611	98450	1	EACH	CATCH BASIN, NO. 2-2A	
														1						
		1												1	611	98570	1	EACH	CATCH BASIN, NO. 2-5	
		3												3	611	99574	3	EACH	MANHOLE, NO. 3	
	5			16										21	611	99710	21	EACH	PRECAST REINFORCED CONCRETE OUTLET	

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GENERAL SUMMARY

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
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DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.44 | TOTAL 323

SHEET NUMBER													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	17	19	224	225	227	228	229						01/NHS		EXT	TOTAL			
																		PAVEMENT	
	700												700	253	01000	700	SY	PAVEMENT REPAIR	
40,822		23,386											64,208	254	01000	64,208	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T=3.25")	
1,067													1,067	254	01001	1,067	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, VARIABLE DEPTH	15
645													645	301	56000	645	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
4,796													4,796	302	56000	4,796	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
7,727													7,727	304	20000	7,727	CY	AGGREGATE BASE	
6,607	150	2,339											9,096	407	20000	9,096	GAL	NON-TRACKING TACK COAT	
346	60												406	441	10000	406	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
485													485	441	10200	485	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
9													9	441	70500	9	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
2,337		974											3,311	442	10000	3,311	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
2,727		1,137											3,864	442	10080	3,864	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446)	
11,978													11,978	452	14122	11,978	SY	11.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	
	350												350	617	10100	350	CY	COMPACTED AGGREGATE	
																		LIGHTING	
							8						8	625	00450	8	EACH	CONNECTION, FUSED PULL APART	
							30						30	625	00480	30	EACH	CONNECTION, UNFUSED PERMANENT	
							4						4	625	10494	4	EACH	LIGHT POLE, LOW MAST, ATLM50	
							4						4	625	14200	4	EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP	
							1,854						1,854	625	23200	1,854	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
							600						600	625	23400	600	FT	NO. 10 AWG POLE AND BRACKET CABLE	
							933						933	625	24320	933	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
							330						330	625	25400	330	FT	CONDUIT, 2", 725.04	
							198						198	625	25500	198	FT	CONDUIT, 3", 725.04	
							4						4	625	26273	4	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, IES-V 31,000-49,087 LUMENS	228
							1,381						1,381	625	29000	1,381	FT	TRENCH	
							3						3	625	29930	3	EACH	MEDIAN JUNCTION BOX	
							9						9	625	30700	9	EACH	PULL BOX, 725.08, 18"	
							1						1	625	30706	1	EACH	PULL BOX, 725.08, 24"	
							4						4	625	32000	4	EACH	GROUND ROD	
							1						1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	228
							867						867	625	36010	867	FT	UNDERGROUND WARNING MARKING TAPE	
						1							1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL (CIRCUIT A)	
																		TRAFFIC CONTROL	
			480										480	621	00100	480	EACH	RPM 2-WAY (WHITE/RED)	
					167.4								167.4	630	02100	167.4	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
					469.1								469.1	630	03100	469.1	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
					108.9								108.9	630	04100	108.9	FT	GROUND MOUNTED SUPPORT, NO. 4 POST	
					134.4								134.4	630	06400	134.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	
					335.7								335.7	630	07500	335.7	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	
					83.8								83.8	630	07600	83.8	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12	
					34								34	630	08600	34	EACH	SIGN POST REFLECTOR	
					23								23	630	09000	23	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
					530								530	630	80100	530	SF	SIGN, FLAT SHEET	
					966								966	630	80200	966	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
					24								24	630	84500	24	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
				54									54	630	84900	54	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				6									6	630	85100	6	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				2									2	630	85400	2	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
				12									12	630	86102	12	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
			9.53										9.53	642	00104	9.53	MILE	EDGE LINE, 6", TYPE 1 (WHITE)	
			3.33										3.33	642	00204	3.33	MILE	LANE LINE, 6", TYPE 1	
			0.65										0.65	642	00300	0.65	MILE	CENTER LINE, TYPE 1 (DOUBLE SOLID)	
			2,915										2,915	642	00404	2,915	FT	CHANNELIZING LINE, 12", TYPE 1	
			188.2										188.2	642	00500	188.2	FT	STOP LINE, TYPE 1	
			4										4	642	01322	4	EACH	WRONG WAY ARROW, TYPE 1	
			2,712.8										2,712.8	642	01522	2,712.8	FT	DOTTED LINE, 8", TYPE 1	

Preliminary Plans - For Reference Only

GENERAL SUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.45 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:07:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
236	266																		
																		RETAINING WALLS (MSE WALLS)	
	194													203	20000	194	CY	EMBANKMENT	
	661													203	35110	661	CY	GRANULAR MATERIAL, TYPE B	
	583													512	10050	583	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
	140													516	13600	140	SF	1" PREFORMED EXPANSION JOINT FILLER	
	30													601	21000	30	SY	CONCRETE SLOPE PROTECTION	
	6,109													840	20000	6,109	SF	MECHANICALLY STABILIZED EARTH WALL	
	4,266													840	21000	4,266	CY	WALL EXCAVATION	
	795													840	22000	795	SY	FOUNDATION PREPARATION	
	4,438													840	23000	4,438	CY	SELECT GRANULAR BACKFILL	
	272													840	23050	272	CY	NATURAL SOIL	
	707													840	25010	707	FT	6" DRAINAGE PIPE, PERFORATED	
	20													840	25020	20	FT	6" DRAINAGE PIPE, NON-PERFORATED	
	396													840	26000	396	FT	CONCRETE COPING	
	5													840	27000	5	DAY	ON-SITE ASSISTANCE	
	LS													840	28000	LS		SGB INSPECTION AND COMPACTION TESTING	
																		STRUCTURE OVER 20 FOOT SPAN (SFN 8803902)	
LS														505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
3,525														507	00100	3,525	FT	STEEL PILES HP10X42, FURNISHED	
3,200														507	00150	3,200	FT	STEEL PILES HP10X42, DRIVEN	
65														507	93300	65	EACH	STEEL POINTS OR SHOES	
140,171														509	10000	140,171	LB	EPOXY COATED STEEL REINFORCEMENT	
8,115														509	30020	8,115	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
116														511	33418	116	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
34														511	33419	34	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN	
4														511	33501	4	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN	238
329														511	34446	329	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK	
84														511	34450	84	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
58														511	41012	58	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
105														511	44110	105	CY	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	
153														511	46512	153	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
1,520														512	10100	1,520	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
71														512	33000	71	SY	TYPE 2 WATERPROOFING	
10														515	15110	10	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF60-49	
24														515	20000	24	EACH	INTERMEDIATE DIAPHRAGMS	
114														516	10011	114	FT	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN	257
136														516	13600	136	SF	1" PREFORMED EXPANSION JOINT FILLER	
206														516	13900	206	SF	2" PREFORMED EXPANSION JOINT FILLER	
174														516	14020	174	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
10														516	44100	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), (16"x21"x2.9605")	
10														516	44201	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE, AS PER PLAN (NEOPRENE), (16"x21"x3.5026")	247, 248
102														518	21200	102	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
174														518	40000	174	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
108														518	40012	108	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	
268														526	30010	268	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")	
114														526	90031	114	FT	TYPE C INSTALLATION, AS PER PLAN	257
8														601	21050	8	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
502														607	39900	502	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC	
4														611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET	
2														625	33000	2	EACH	STRUCTURE GROUNDING SYSTEM	

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DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.46 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:07:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
273	274												01/NHS						
																		STRUCTURE REPAIR (SFN 8800243)	
LS													LS	202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	271
93													93	509	10001	93	LB	EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN	271
50													50	509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	271
2													2	511	34411	2	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	281
32													32	512	10050	32	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
6,972													6,972	514	00050	6,972	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
6,972													6,972	514	00056	6,972	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
6,972													6,972	514	00060	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
6,972													6,972	514	00066	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
11													11	514	00504	11	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
10													10	514	10000	10	EACH	FINAL INSPECTION REPAIR	
92													92	516	11801	92	FT	VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN	283
5													5	516	45305	5	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	271
LS													LS	516	47001	LS		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	271
2													2	517	76400	2	EACH	RAILING POST	
251													251	SPECIAL	51822300	251	FT	STEEL DRIP STRIP	
95													95	519	11101	95	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	271, 281
6,307													6,307	SPECIAL	53000300	6,307	LB	STRUCTURES, MISC: WELDED WIRE REINFORCEMENT	271
51													51	844	20001	51	EACH	GALVANIC ANODE PROTECTION, AS PER PLAN	281
693													693	848	10200	693	SY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION (5" THICK)	
693													693	848	20000	693	SY	SURFACE PREPARATION USING HYDRODEMOLITION	
7													7	848	30200	7	CY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	
12													12	848	50000	12	SY	HAND CHIPPING	
LS													LS	848	50100	LS		TEST SLAB	
693													693	848	50300	693	SY	WEARING COURSE REMOVED, ASPHALT	
																		STRUCTURE REPAIR (SFN8800278)	
	LS												LS	202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	271
	50												50	509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	271
	40												40	512	10050	40	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
	6,972												6,972	514	00050	6,972	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
	6,972												6,972	514	00056	6,972	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
	6,972												6,972	514	00060	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
	6,972												6,972	514	00066	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
	11												11	514	00504	11	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
	10												10	514	10000	10	EACH	FINAL INSPECTION REPAIR	
	92												92	516	11801	92	FT	VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN	283
	5												5	516	45305	5	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	271
	LS												LS	516	47001	LS		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	271
	251												251	SPECIAL	51822300	251	FT	STEEL DRIP STRIP	
	137												137	519	11101	137	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	271, 280
	6,307												6,307	SPECIAL	53000300	6,307	LB	STRUCTURES, MISC: WELDED WIRE REINFORCEMENT	271
	62												62	601	32200	62	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
	40												40	844	20001	40	EACH	GALVANIC ANODE PROTECTION, AS PER PLAN	281
	693												693	848	10200	693	SY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION (5" THICK)	
	693												693	848	20000	693	SY	SURFACE PREPARATION USING HYDRODEMOLITION	
	7												7	848	30200	7	CY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	
	12												12	848	50000	12	SY	HAND CHIPPING	
	LS												LS	848	50100	LS		TEST SLAB	
	693												693	848	50300	693	SY	WEARING COURSE REMOVED, ASPHALT	

Preliminary Plans - For Reference Only

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DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.47 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:07:52 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
17	18	19	42										01/NHS						
																		MAINTENANCE OF TRAFFIC	
	300												300	614	11110	300	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
			4										4	614	12380	4	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
10													10	614	12500	10	EACH	REPLACEMENT SIGN	
50													50	614	12600	50	EACH	REPLACEMENT DRUM	
		615											615	614	12801	615	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	19
		16											16	614	18601	16	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	19
			3.54										3.54	614	22056	3.54	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
			2.78										2.78	614	22056	2.78	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
			3,249										3,249	614	24102	3,249	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	
			46										46	614	26000	46	FT	WORK ZONE STOP LINE, CLASS I	
660													660	616	10000	660	MGAL	WATER	
			1,791										1,791	622	41100	1,791	FT	PORTABLE BARRIER, UNANCHORED	
																		INCIDENTALS	
													LS	108	30000	LS		CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													8	619	16020	8	MNTH	FIELD OFFICE, TYPE C	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

REF NO.	SHEET NO.	STATION TO STATION			SIDE	202 PAVEMENT REMOVED		202 GUARDRAIL REMOVED	202 GUARDRAIL REMOVED, BARRIER DESIGN		202 FENCE REMOVED
						SY		FT	FT		FT
		US 23									
R-1	61 - 62	166+87.82		181+99.73	L	1498.57					
R-2	61 - 62	169+58.21		181+10.00	L						1152.37
R-3	61 - 62	171+04.61		177+74.86	R	607.04					
R-4	62 - 63, 73	181+87.66		490+66.86 "RAMP A"	L						886.61
R-5	62 - 63	183+25.00		189+25.00	L/R	836.91					
R-6	63, 69 - 71	185+40.00		326+00.00 "SR 294"	L/R	2828.88					
R-7	63, 67 - 68	186+00.00		305+25.00 "SR 294"	L/R	3023.33					
R-8	63, 78	188+15.64		788+99.65 "RAMP D"	R						176.48
R-9	63 - 64, 78	766+72.29 "RAMP D"		205+62.84	R						1915.74
R-10	63	192+44.54		195+64.26	R			319.72			
R-11	63 - 64	195+44.02		210+69.36	R	1376.11					
R-12	63 - 64	195+25.00		202+83.00	L						765.62
R-13	64 - 65	197+87.48		210+49.73	R	834.51					
R-14	64	198+42.09		205+12.33	L	658.64					
R-15	64 - 65	203+36.16		210+00.34	L			664.18			
R-16	64 - 65	204+88.12		210+68.67	R			580.56			
R-17	64 - 65	205+12.33		210+07.00	L	546.43					
R-18	64 - 65	205+87.19		210+24.32	L	282.14					
R-19	64 - 65	208+39.22		210+45.24	R			123.76	82.91		
R-20	65	209+84.83		210+23.50	L			38.68			
R-21	65 - 66	211+31.08		226+90.43	L	1725.37					
R-22	65	211+31.73		216+24.61	L			492.89			
R-23	65 - 66	211+50.71		224+14.21	L	837.29					
R-24	65	211+54.70		213+61.46	L			208.23	84.36		
R-25	65	211+76.12		216+14.27	R	283.29					
R-26	65	211+76.80		212+15.24	R			38.44			
R-27	65	211+93.44		218+06.22	R	676.86					
R-28	65	211+99.89		219+26.27	R			779.33			
			SR 294								
R-29	70, 83 - 84	319+64.45		917+00.00 "TR 127"	L/R	2460.44					
R-29A	70 - 71, 78	320+26.83		322+25.22	R						216.81
SUBTOTALS CARRIED TO GENERAL SUMMARY						18476		3246	168		5114

Preliminary Plans - For Reference Only

ROADWAY REMOVAL SUBSUMMARY

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:05:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.49 TOTAL 323

REF. NO.	SHEET NO.	ALIGNMENT	STATION FROM		STATION TO		202 HEADWALL REMOVED	202 CONCRETE SLOPE PROTECTION REMOVED	202 PIPE REMOVED, 24" AND UNDER	202 PIPE REMOVED, OVER 24"	202 CATCH BASIN REMOVED	202 SPECIAL - PIPE CLEANOUT, 24" AND UNDER
							EACH	SY	FT	FT	EACH	FT
R-30	62	US 23	175+99.48	RT	176+00.07	LT	1		84		1	
R-31	62	US 23	182+27.65	LT	182+41.56	LT			32			
R-32	64	US 23	207+99.04	LT							1	
R-33	67	SR 294	305+89.29	LT	306+29.53	LT			40			
R-34	70	SR 294	319+78.52	LT	319+77.83	LT			38			
R-35	71	SR 294	322+94.77	LT	322+93.58	RT			47			
R-36	71	SR 294	322+99.41	RT	322+64.28	RT			52		1	
R-37	71	SR 294	323+11.14	RT	322+99.41	RT			12			
R-38	71	SR 294	323+59.00	LT	322+99.41	RT			78			
R-39	71	SR 294	323+65.98	LT	323+59.00	LT			6			
R-40	71	SR 294	323+85.66	LT	323+59.00	LT			36		1	
R-41	77	RAMP C	682+14.47	LT	678+74.35	RT			372		1	
R-42	77	RAMP C	682+14.47	LT	682+33.08	LT		26	28			
R-43	77	RAMP C	682+14.47	LT	682+12.31	RT			141			
R-44	72	RAMP A	483+09.96	RT	484+66.95	LT	1		187			
R-45	62	US 23	182+64.87	RT	182+71.21	RT	1			16		
R-46	62	US 23	183+34.71	LT	183+37.88	LT	1			8		
R-47	63	US 23	185+49.59	LT	185+49.68	LT	1		8			
R-48	63	US 23	195+21.41	RT	195+31.66	RT	1			18		
R-49	63	US 23	195+60.21	RT	195+62.55	RT						17
R-50	63	US 23	196+25.35	LT	196+34.91	LT	1			17		
R-51	79	RAMP D	794+84.48	RT	795+16.40	LT		13	37			
TOTALS CARRIED TO GENERAL SUMMARY							7	39	1198	59	5	17

Preliminary Plans - For Reference Only

DRAINAGE REMOVALS SUBSUMMARY

DESIGN AGENCY

DESIGNER SNW

REVIEWER VSS 02/04/26

PROJECT ID 121424

SHEET P.50 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:07:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCEv02 pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Drainage\Sheets\121424_DS005.dgn PRODUCT: OpenRoadsDesigner 10.12.02.4 WORKSET: 121424 -DOTCEv02

REF NO.	SHEET NO.	STATION TO STATION			SIDE	606 GUARDRAIL, TYPE MGS, AS PER PLAN (FT)	606 GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (FT)	606 GUARDRAIL, BARRIER DESIGN, TYPE MGS, AS PER PLAN (FT)	606 ANCHOR ASSEMBLY, TYPE E (EACH)	606 ANCHOR ASSEMBLY, TYPE T (EACH)	606 MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (EACH)	606 MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (EACH)	606 BRIDGE TERMINAL ASSEMBLY, TYPE 4 (EACH)	606 IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (EACH)		609 COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN (FT)		626 BARRIER REFLECTOR, TYPE 2 (EACH)
		US 23																
GR-1	63	186+75.83		188+82.04	R	100.0		62.5		1				1				3
GR-2	63	188+01.52		190+07.74	L	100.0		62.5		1				1				3
GR-3	64 - 65	204+88.90		210+01.23	L		500.0			1			1					6
GR-4	64 - 65	207+81.95		210+69.36	R	237.5			1				1					4
GR-5	64 - 65	208+40.33		210+46.26	R	125.0		37.5					1	1				3
GR-6	65	209+74.32		210+24.32	L	37.5				1			1					2
GR-7	65	211+31.08		213+93.53	L		187.5		1				1					3
GR-8	65	211+54.18		213+66.16	L	125.0		37.5					1	1				3
GR-9	65	211+76.12		212+26.12	R	37.5				1			1					2
GR-10	65	211+99.21		219+24.17	R		712.5			1			1					8
		SR 294																
GR-11	68 - 69	310+68.37		312+80.20	R	137.5			1		1							3
GR-12	68 - 69	311+27.18		312+39.62	L	100.0				1		1						2
C-1	69	311+79.41		312+61.36	R											81.94		
C-2	69	311+79.41		312+20.78	L											41.37		
GR-13	69 - 70	315+22.71		317+22.05	L	125.0			1		1							3
C-3	69	315+41.55		316+11.75	L											70.20		
GR-14	69 - 70	315+63.28		316+63.23	R	87.5				1		1						2
C-4	69	315+82.13		316+11.75	R											31.76		
		RAMP A																
GR-15	73	487+50.00		489+12.50	L	112.5			1	1								3
SUBTOTALS CARRIED TO GENERAL SUMMARY						1325.0	1400.0	200.0	5	9	2	2	8	4		226.0		50

Preliminary Plans - For Reference Only

ROADWAY SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 160
Grandview Heights, Ohio
DESIGNER
KRF
REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.51 | TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:05:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GS002.dgn

REF. NO.	SHEET NO.	ALIGNMENT	STATION FROM		STATION TO		602 CONCRETE MASONRY	611 6" CONDUIT TYPE C	611 8" CONDUIT TYPE C	611 12" CONDUIT TYPE B	611 12" CONDUIT TYPE C	611 12" CONDUIT TYPE F	611 15" CONDUIT TYPE B, BORED OR JACKED	611 15" CONDUIT TYPE C	611 42" CONDUIT TYPE B	611 42" CONDUIT TYPE C	611 CATCH BASIN, NO. 3A	611 CATCH BASIN, NO. 5	611 CATCH BASIN, NO. 2-2A	611 CATCH BASIN, NO. 2-5	611 MANHOLE, NO. 3
							CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH
D-112	62, 72	US 23	175+99.48	RT	176+00.22	LT	0.5						107					1			
D-116	62, 72	US 23	182+64.87	RT	182+71.21	RT	2.8								16						
D-117	62, 72	US 23	183+34.66	LT	183+37.88	LT	2.8								8						
D-114	64	US 23	207+99.04	RT	208+00.73	RT	0.6							25				1			
D-111	67	SR 294	306+29.53	LT	305+81.10	LT	0.2			48									1		
D-109	69	SR 294	311+91.00	RT	311+91.00	LT				37							1				
D-108	69	SR 294	311+91.00	LT	311+90.98	LT	0.2					37					1				
D-105	69	SR 294	316+00.00	LT	316+00.00	LT	0.6				10	58					1				
D-106	69	SR 294	316+00.00	RT	316+00.00	LT				37							1				
D-118	71	SR 294	323+04.00	RT	323+04.14	RT	0.6	5			13										1
D-119	71	SR 294	323+59.00	LT	323+04.00	RT	0.6	5	34	69											1
D-102	63, 74, 79	RAMP B	596+83.79	LT	596+21.09	RT	1.7								94					1	
D-100	63, 79	SR 294	794+39.18	LT	795+32.37	LT	0.8									99					
D-101	63, 74, 79	SR 294	795+32.37	LT	795+38.04	LT	1.7									5					1
D-120	63	US 23	185+49.59	LT	185+49.63	LT	1.2							8							
D-121	77	RAMP C	678+74.35	RT	678+70.65	RT			5												
D-122	77	RAMP C	682+12.31	RT	682+12.22	RT			5												
TOTALS CARRIED TO GENERAL SUMMARY							14.3	10	44	191	23	95	107	33	118	104	4	2	1	1	3

Preliminary Plans - For Reference Only

DRAINAGE SUBSUMMARY

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:05:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Drainage\Sheets\121424_DS001.dgn
DS001.dgn

DESIGN AGENCY

HDR

DESIGNER SNW

REVIEWER ARG 02/09/26

PROJECT ID 121424

SHEET P.52 TOTAL 323

REF. NO.	SHEET NO.	ALIGNMENT	STATION FROM		STATION TO		601 TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT SY	601 ROCK CHANNEL PROTECTION, TYPE C WITH FILTER CY	601 PAVED GUTTER, TYPE 1-2 FT	601 PAVED GUTTER, TYPE 1-4 FT	654 RENOVATING EXISTING SOIL, AS PER PLAN MSF	670 DITCH EROSION PROTECTION MAT, TYPE B SY	671 EROSION CONTROL MAT SY	836 SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 SY
E-21	60, 61	US-23	157+40.77	LT	166+15.92	LT					13		1479	
E-22	60, 61	US-23	157+40.77	RT	166+15.92	RT					13		1482	
E-23	61, 62	US-23	166+60.00	LT	175+98.00	LT					15		1608	
E-24	61, 62	US-23	166+60.00	RT	175+98.00	RT					14		1513	
E-1	61, 62, 72	US-23	166+87.84	LT	484+00.00	LT					43		4789	
E-25	62	US-23	176+35.00	LT	185+47.00	LT					13		1446	
E-26	62	US-23	176+35.00	RT	185+47.00	RT					14		1514	
E-27	63	US-23	190+50.00	LT	195+58.00	LT					7		790	
E-28	63	US-23	190+50.00	RT	195+58.00	RT					8		859	
E-29	63, 64	US-23	195+85.00	LT	208+00.00	LT					18		1971	
E-30	63, 64	US-23	195+85.00	RT	208+00.00	RT					18		1955	
E-8	64	US-23	205+09.00	RT	206+02.00	RT								78
E-9	64	US-23	208+00.00	RT	210+60.00	RT						318		
E-31	64	US-23	208+00.00	RT				2						
E-32	69	SR294	311+75.66	RT			99							
E-33	69	SR294	311+77.19	LT			78							
E-34	69	SR294	311+92.09	LT				3						
E-35	69	SR294	311+99.36	LT			13							
E-36	69	SR294	312+02.34	LT			7							
E-37	69	SR294	313+20.87	RT			23							
E-38	69	SR294	314+77.23	LT			26							
E-39	69	SR294	315+90.00	RT			8							
E-19	69, 70, 78	SR294	316+19.25	LT	787+98.06	LT					14		1506	
E-40	69	SR294	316+00.00	LT				5						
E-41	69	SR294	316+15.50	RT			70							
E-42	69	SR294	316+15.50	LT			62							
E-18	70, 71	SR294	318+69.50	LT	324+75.98	LT					14		1516	
E-11	72	RAMP A	481+48.00	LT	483+00.00	LT						187		
E-12	72	RAMP A	483+00.00	LT	484+17.50	LT								189
E-20	73	RAMP A	485+87.62	RT	491+50.04	RT					6		661	
E-13	74	RAMP B	594+50.00	LT	596+86.87	LT						197		
E-15	74	RAMP B	594+50.00	RT	596+35.00	RT						159		
E-16	64, 75	US-23	204+12.00	LT	205+12.30	LT						83		
E-2	61	RAMP C	171+05.00	RT	678+04.50	RT					14		1526	
E-3	62, 77	RAMP C	678+05.00	RT	678+75.00	RT						58		
E-17	70, 71, 77	RAMP C	678+33.00	RT	322+88.41	RT					31		3396	
E-4	77	RAMP C	681+77.00	RT	682+81.00	RT						119		
E-5	78	RAMP D	788+20.00	LT	791+47.75	LT						264		
E-6	78	RAMP D	788+50.00	RT	791+50.00	RT						258		
E-7	79	RAMP D	795+95.21	RT	797+52.00	RT								129
E-10	80	TR 127	900+61.00	RT	901+00.00	RT						33		
E-43	62, 72	RAMP A	483+26.52	RT	483+35.02	RT				13				
E-44	62, 72, 77	US-23	182+53.33	RT	182+64.87	RT				30				
E-45	62	US-23	176+00.00	LT	176+00.00	LT		1						
E-46	69	SR294	312+54.63	LT	312+08.19	LT			64					
E-47	69	SR294	313+10.61	RT	313+11.54	RT			30					
E-48	69	SR294	314+92.36	LT	314+91.28	LT			33					
E-49	69	SR294	315+48.28	RT	315+91.15	RT			59					
TOTALS CARRIED TO GENERAL SUMMARY							386	11	186	43	252	1676	28011	396

Preliminary Plans - For Reference Only

EROSION CONTROL SUBSUMMARY

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:08:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Drainage\Sheets\121424_DS002.dgn

DESIGN AGENCY

DESIGNER SNW

REVIEWER ARG 02/09/26

PROJECT ID 121424

SHEET P.53 TOTAL 323

UNDERDRAIN SUBSUMMARY

REF. NO.	SHEET NO.	ALIGNMENT	STATION FROM		STATION TO		605 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC FT	605 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (27" DEPTH) FT	605 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (30" DEPTH) FT	605 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC FT	611 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS FT	611 PRECAST REINFORCED CONCRETE OUTLET EA	BENDS AND BRANCHES FOR INFORMATION ONLY 6" CROSS EA	6" WYE EA	6" TEE EA	6" - 90 DEG BEND EA	6" - 45 DEG BEND EA	REMARKS
U-1	61	US 23	166+87.80	LT	173+45.28	LT			658		26	1			1	1		
U-2	61	US 23	166+87.90	LT	173+45.28	LT				658								
U-3	62	US 23	173+46.24	LT	179+37.80	LT			592		26	1			1	1		
U-4	62	US 23	173+46.24	LT	179+37.62	LT				592								
U-5	62	US 23	173+46.28	LT	181+47.86	LT			802									
U-6	62	RAMP A	479+37.82	RT	481+45.85	RT				210					1			
U-7	62	US 23	181+98.73	LT	181+47.86	LT	51				45				3	1	1	UNCLASSIFIED UD @ 0.00% FROM STA. 181+98.73 TO STA. 181+47.86; ELEV. 879.64
U-8	62	US 23	176+10.61	RT	178+55.30	RT			164		91	1			1	2		
U-9	62	US 23	177+24.85	RT	177+74.86	RT				50								
U-10	62	US 23	183+25.01	RT	185+48.76	RT				220	20						1	
U-11	63	US 23	185+50.02	RT	186+65.00	RT				115	7					1		
U-12	63	US 23	185+52.48	RT	190+70.00	RT				518	14	1				1		
U-13	63	US 23	185+52.63	LT	190+70.00	LT				517	16	1				1		
U-14	63	US 23	185+99.98	LT	187+49.77	LT				150	15	1				1		
U-15	63	US 23	195+44.02	RT	195+96.62	RT			51		39				1	1		
U-16	63	US 23	195+44.03	RT	195+94.79	RT				51								
U-17	64	US 23	198+42.07	LT	198+92.12	LT				50	6					1		
U-18	64	US 23	198+42.08	LT	204+12.33	LT			570		12					1		
U-19	64	US 23	197+74.09	RT	205+60.19	RT			786		26	1			1	1		
U-20	64	US 23	198+10.37	RT	205+60.19	RT				750								
U-21	64	US 23	205+61.97	RT	210+24.50	RT			468		27	1			2			
U-22	64	US 23	205+62.13	RT	210+30.24	RT				468								
U-23	65	US 23	216+30.47	RT	212+05.27	LT				405	28						1	
U-24	65	US 23	218+71.23	RT	212+49.21	RT				622	7	1				1		
U-25	65, 66	US 23	224+14.23	LT	212+00.78	LT				1209	22			1		1		
U-26	65, 66	US 23	227+99.50	LT	211+81.62	LT				1613	11	1				1		
U-27	67, 68	SR 294	309+49.86	RT	304+78.97	RT				429	61					2		
U-28	67, 68	SR 294	309+02.25	LT	304+80.55	LT			109	271	64					4		
U-29	68	SR 294	311+87.00	LT	309+88.07	LT				199	8					1		
U-30	68	SR 294	311+87.00	LT	591+74.24	RT			251		22	1			1	1		
U-31	68	SR 294	311+87.00	RT	310+84.03	RT			103		8					1		
U-32	69	SR 294	312+14.53	LT	311+92.75	LT				17	5						1	
U-33	69	SR 294	312+20.94	LT	311+91.16	LT			26		8						1	
U-34	69	SR 294	312+55.11	RT	311+92.75	RT				57	5						1	
U-35	69	SR 294	312+46.57	RT	311+91.00	RT			52		8						1	
U-36	69	SR 294	315+44.22	LT	315+98.25	LT				49	5						1	
U-37	69	SR 294	315+53.83	LT	316+00.00	LT			43		8						1	
U-38	69	SR 294	315+69.85	RT	316+00.00	RT			27		8						1	
U-39	69	SR 294	315+79.46	RT	316+00.00	RT				16	5						1	
U-40	70	SR 294	316+03.00	LT	318+25.06	LT				226	3					1		
U-41	70	SR 294	316+03.00	LT	318+25.05	LT			232									
U-42	70	SR 294	316+03.00	RT	318+32.92	RT			230		8					1		
U-43	70	SR 294	316+03.00	RT	684+55.57	RT				319	26				1	2		
U-44	70	SR 294	318+69.53	LT	324+65.87	LT				600								
U-45	70	SR 294	319+11.68	RT	324+65.87	RT				562	43	1	1		1			
U-46	71	SR 294	324+79.77	LT	324+65.87	LT				14								
U-47	71	SR 294	326+00.04	RT	324+65.87	RT				134								
U-48	71	SR 294	324+81.68	LT	900+56.94	LT				47								
U-49	71	SR 294	326+00.06	LT	900+56.89	LT				76	36	1			1	1		
U-50	83	TR 127	911+60.05	RT	918+56.81	RT				669	29					2	2	
TOTALS CARRIED TO SHEET 55							51	0	5163	11881	798	13						

Preliminary Plans - For Reference Only

DESIGN AGENCY

DESIGNER SNW

REVIEWER VSS 02/04/26

PROJECT ID 121424

SHEET P.54 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:06:02 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Drainage\Sheets\121424_DS003.dgn

REF. NO.	SHEET NO.	ALIGNMENT	STATION FROM		STATION TO		605 6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC FT	605 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (27" DEPTH) FT	605 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (30" DEPTH) FT	605 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC FT	611 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS FT	611 PRECAST REINFORCED CONCRETE OUTLET EA	BENDS AND BRANCHES FOR INFORMATION ONLY 6" CROSS EA	6" WYE EA	6" TEE EA	6" - 90 DEG BEND EA	6" - 45 DEG BEND EA	REMARKS
U-51	62, 72	RAMP A	479+38.83	LT	481+46.00	LT				206								
U-52	72	RAMP A	481+46.00	LT	483+72.22	LT			226		24	1				1		
U-53	73	RAMP A	483+87.55	LT	485+45.83	LT			158		52	1			1			
U-54	73	RAMP A	311+87.00	RT	485+45.83	LT			658	206	21				1	4		
U-55	73, 74	RAMP B	591+75.53	LT	596+59.08	LT			497		23					1		
U-56	75	RAMP B	596+71.05	LT	205+05.79	LT			835		23	1		1	1	1		
U-57	75	RAMP B	598+92.89	LT	205+05.79	LT				612							1	
U-58	62, 76	RAMP C	171+04.49	RT	677+24.06	RT				619	8					1	1	
U-59	62, 76	RAMP C	172+04.61	RT	679+16.48	RT			712		18				2			
U-60	77	RAMP C	684+89.38	RT	679+16.48	RT			578						1			
U-61	78	RAMP D	784+38.94	LT	791+45.00	LT			689		42				1	3		
U-62	78, 79	RAMP D	791+55.00	RT	795+32.37	RT	121		256		29				1			UNCLASSIFIED UD @ 0.00% STA. 794+10.94 TO STA. 795+32.37; ELEV. 866.38
U-63	79	RAMP D	797+72.05	RT	795+32.37	RT	94		145						1			UNCLASSIFIED UD @ 0.00% STA. 796+26.47 TO 795+32.37; ELEV. 866.38
SUBTOTALS							215	0	4754	1643	240	3						
SUBTOTALS CARRIED FROM SHEET 54							51	0	5163	11881	798	13						
TOTALS CARRIED TO GENERAL SUMMARY							266	0	9917	13524	1038	16						

Preliminary Plans - For Reference Only

UNDERDRAIN SUBSUMMARY

DESIGN AGENCY

HDR

DESIGNER SNW

REVIEWER VSS 02/04/26

PROJECT ID 121424

SHEET P.55 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:06:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Drainage\Sheets\121424_DS004.dgn

SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY		204 EXCAVATION OF SUBGRADE CY	204 EXCAVATION OF SUBGRADE, UNSUITABLE CY	204 GRANULAR MATERIAL, TYPE C CY	204 GEOTEXTILE FABRIC, TYPE D SY	
	US 23										
84	166+87.82		167+50.00	44	60		25		25	89	
85	168+00.00		169+00.00	195	231		68		68	238	
86	169+50.00		170+50.00	415	319		13		13	44	
87	171+00.00		172+00.00	738	520		43		47	110	
88	172+50.00		173+50.00	1011	705		95		120	395	
89	174+00.00		175+00.00	1022	806		17		21	68	
90	175+50.00		176+50.00	925	955						
91	177+00.00		178+00.00	656	876		15		29	94	
92	178+50.00		179+50.00	433	519		90		187	595	
93	180+00.00		181+00.00	348	495		88		199	631	
94	181+50.00		182+50.00	72	119		34		55	181	
95	183+00.00		184+00.00	0	6						
96	184+50.00		185+50.00	24	0						
97	186+00.00		187+00.00	579	48						
98	187+50.00		188+00.00	318	142						
99	188+50.00		189+50.00	255	371						
100	190+00.00		191+00.00	37	202						
101	191+50.00		192+50.00	201	3						
102	193+00.00		193+50.00	671	3						
103	194+00.00		194+50.00	278	33						
104	195+00.00		196+00.00	246	154		45		53	135	
105	196+50.00		197+50.00	1873	64		247		260	683	
106	198+00.00		198+50.00	1785	5		122		126	401	
107	199+00.00		199+50.00	3609	22		116		121	386	
108	200+00.00		200+50.00	3898	8		108		114	363	
109	201+00.00		201+50.00	3146	11		99	237	344	643	
110	202+00.00		202+50.00	2507	11		92	272	371	672	
111	203+00.00		203+50.00	2116	10		86	242	334	610	
112	204+00.00		204+50.00	2087	37		78	221	304	567	
113	205+00.00		205+50.00	1253	114		66	108	196	345	
114	206+00.00		207+00.00	194	262		115		126	345	
115	207+50.00		208+50.00	166	345		104		106	295	
116	209+00.00		210+00.00	216	390		16		16	45	
117	210+50.00		210+60.19	65	141						
	SR 294										
118	305+25.00		306+00.00	173	0						
119	306+50.00		307+50.00	256	42						
120	308+00.00		309+00.00	83	493						
121	309+50.00		310+50.00	0	1870						
122	311+00.00		311+50.00	0	3726						
123	312+00.00		312+44.00	0	3794						
124	312+74.00		315+28.91	0	634						
125	315+58.91		316+00.00	12	2989						
126	316+50.00		317+00.00	54	7081						
127	317+50.00		318+00.00	15	4900						
128	318+50.00		319+00.00	0	1648						
129	319+50.00		320+00.00	31	1348						
	SUBTOTALS CARRIED TO NEXT SHEET			32007	36512		1782	1080	3235	7935	

SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY		204 EXCAVATION OF SUBGRADE CY	204 EXCAVATION OF SUBGRADE, UNSUITABLE CY	204 GRANULAR MATERIAL, TYPE C CY	204 GEOTEXTILE FABRIC, TYPE D SY	
	SR 294 CONT.										
130	320+50.00		321+50.00	570	1923						
131	322+00.00		323+00.00	614	728						
132	323+50.00		324+50.00	601	114						
133	325+00.00		326+00.00	242	7						
	ADD FOR SR 294 PAVEMENT REMOVAL GRADING			1018	344						
	RAMP A										
134	481+47.82		482+00.00	108	129		7		22	91	
135	482+50.00		483+50.00	686	447						
136	484+00.00		485+00.00	865	646						
137	485+50.00		486+00.00	1389	8						
138	486+50.00		487+00.00	1115	24						
139	487+50.00		488+50.00	368	626						
140	489+00.00		490+00.00	52	708						
141	490+50.00		491+50.00	62	972						
142	492+00.00			3	978						
	ADD FOR INTERSECTION AREA			9	2311						
	RAMP B										
143	592+50.00		593+50.00	75	547						
144	594+00.00		595+00.00	319	128						
145	595+50.00		596+50.00	575	486						
146	597+00.00		598+00.00	1011	934						
147	598+50.00		598+87.71	1966	72						
	ADD FOR INTERSECTION AREA			68	2209						
	RAMP C										
148	677+24.06		678+00.00	55	411						
149	678+50.00		679+50.00	321	1174						
150	680+00.00		681+00.00	597	1886						
151	681+50.00		682+50.00	578	3205						
152	683+00.00		683+50.00	497	2592						
153	684+00.00		685+00.00	471	5594						
	ADD FOR INTERSECTION AREA			56	1661						
	RAMP D										
154	784+50.00		785+00.00	22	2467						
155	785+50.00		786+00.00	380	1774						
156	786+50.00		787+50.00	1048	509		53		78	245	
157	788+00.00		789+00.00	1985	3		156		156	501	
158	789+50.00		790+50.00	5622	0		26	389	415	304	
159	791+00.00		792+00.00	10359	0			439	439	312	
160	792+50.00		793+00.00	6329	0			311	311	252	
161	793+50.00		794+00.00	4906	0		97	78	175	236	
162	794+50.00		795+00.00	4795	29		129		134	227	
163	795+50.00		795+95.85	1248	130		87		128	222	
	ADD FOR INTERSECTION AREA			21	2855						
	SUBTOTALS CARRIED TO NEXT SHEET			51006	38631		555	1217	1858	2390	

EARTHWORK SUBSUMMARY

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 160 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF MM-DD-YY
PROJECT ID 121424
SHEET P.56 | TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:49:26 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com
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WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205

SHEET NO.	STATION TO STATION			203 EXCAVATION CY	203 EMBANKMENT CY		204 EXCAVATION OF SUBGRADE CY	204 EXCAVATION OF SUBGRADE, UNSUITABLE CY	204 GRANULAR MATERIAL, TYPE C CY	204 GEOTEXTILE FABRIC, TYPE D SY	
	TR 127										
164	900+50.00		901+50.00	349	7						
165	902+00.00		903+00.00	373	11						
166	903+50.00		904+50.00	521	4						
167	905+00.00		906+00.00	744	0						
168	906+50.00		907+50.00	710	0						
169	908+00.00		909+00.00	589	0						
170	909+50.00		910+50.00	327	28						
171	911+00.00		912+00.00	69	184						
172	912+50.00		913+50.00	74	181						
173	914+00.00		915+00.00	106	63						
174	915+50.00		916+50.00	121	41						
175	917+00.00		917+50.00	144	49						
ADD FOR INTERSECTION AREA				145	3						
ADD FOR TR 127 PAVEMENT REMOVAL GRADING				1122	16						
SUBTOTALS THIS SHEET				5394	587		0	0	0	0	
SUBTOTALS FROM PREVIOUS SHEET LEFT				32007	36512		1782	1080	3235	7935	
SUBTOTALS FROM PREVIOUS SHEET RIGHT				51006	38631		555	1217	1858	2390	
TOTALS CARRIED TO GENERAL SUMMARY				88407	75730		2337	2297	5093	10325	

Preliminary Plans - For Reference Only

EARTHWORK SUBSUMMARY

WYA-23-3.47

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WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF MM-DD-YY

PROJECT ID 121424

SHEET P.57 TOTAL 323

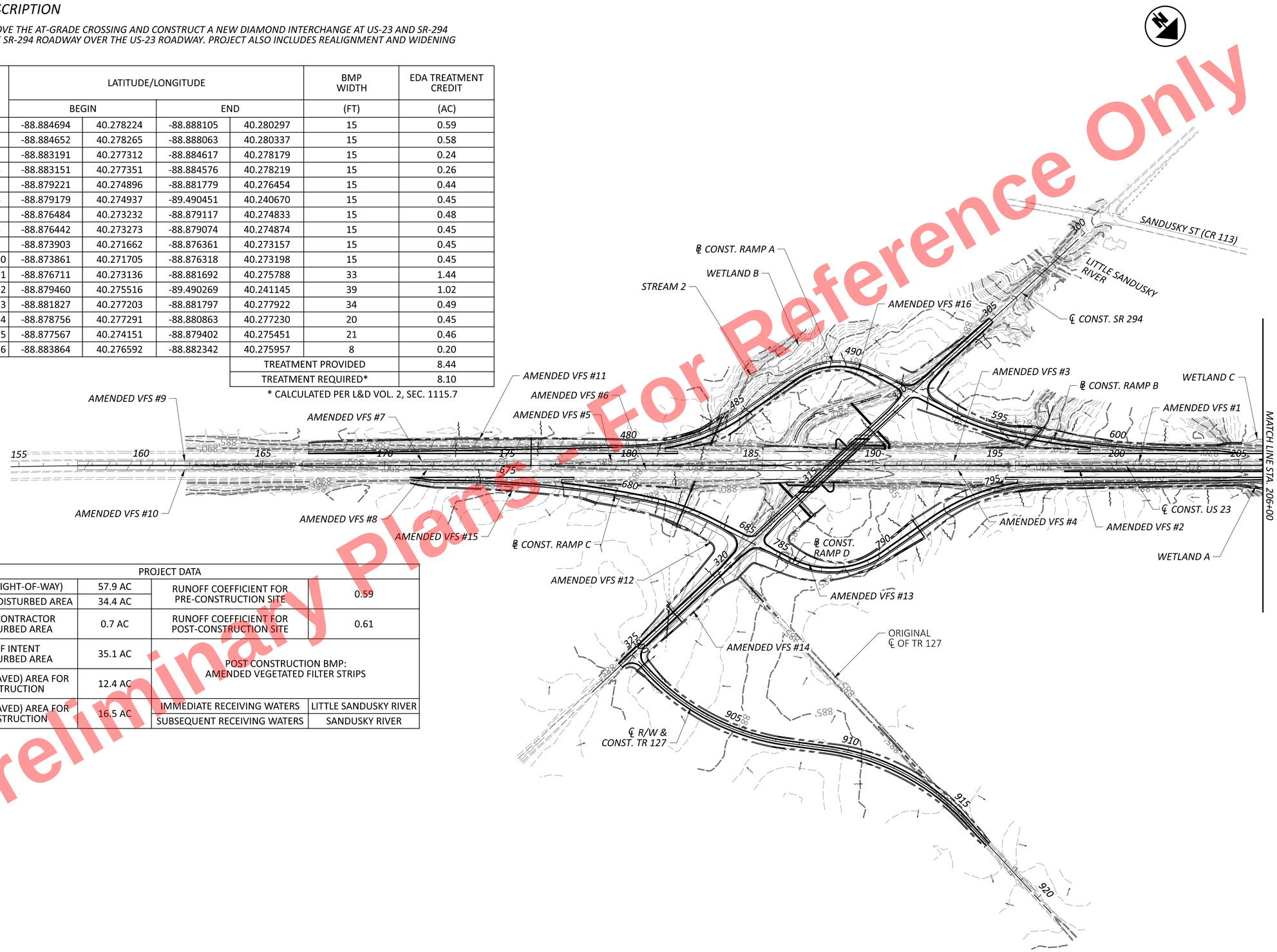
PROJECT DESCRIPTION

PROJECT TO REMOVE THE AT-GRADE CROSSING AND CONSTRUCT A NEW DIAMOND INTERCHANGE AT US-23 AND SR-294 BY ELEVATING THE SR-294 ROADWAY OVER THE US-23 ROADWAY. PROJECT ALSO INCLUDES REALIGNMENT AND WIDENING OF TR-127

BMP TYPE	LATITUDE/LONGITUDE				BMP WIDTH	EDA TREATMENT CREDIT
	BEGIN		END		(FT)	(AC)
AMENDED VFS #1	-88.884694	40.278224	-88.888105	40.280297	15	0.59
AMENDED VFS #2	-88.884652	40.278265	-88.888063	40.280337	15	0.58
AMENDED VFS #3	-88.883191	40.277312	-88.884617	40.278179	15	0.24
AMENDED VFS #4	-88.883151	40.277351	-88.884576	40.278219	15	0.26
AMENDED VFS #5	-88.879221	40.274896	-88.881779	40.276454	15	0.44
AMENDED VFS #6	-88.879179	40.274937	-89.490451	40.240670	15	0.45
AMENDED VFS #7	-88.876484	40.273232	-88.879117	40.274833	15	0.48
AMENDED VFS #8	-88.876442	40.273273	-88.879074	40.274874	15	0.45
AMENDED VFS #9	-88.873903	40.271662	-88.876361	40.273157	15	0.45
AMENDED VFS #10	-88.873861	40.271705	-88.876318	40.273198	15	0.45
AMENDED VFS #11	-88.876711	40.273136	-88.881692	40.275788	33	1.44
AMENDED VFS #12	-88.879460	40.275516	-89.490269	40.241145	39	1.02
AMENDED VFS #13	-88.881827	40.277203	-88.881797	40.277922	34	0.49
AMENDED VFS #14	-88.878756	40.277291	-88.880863	40.277230	20	0.45
AMENDED VFS #15	-88.877567	40.274151	-88.879402	40.275451	21	0.46
AMENDED VFS #16	-88.883864	40.276592	-88.882342	40.275957	8	0.20
				TREATMENT PROVIDED		8.44
				TREATMENT REQUIRED*		8.10

* CALCULATED PER L&D VOL. 2, SEC. 1115.7

PROJECT DATA			
TOTAL AREA (RIGHT-OF-WAY)	57.9 AC	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.59
PROJECT EARTH DISTURBED AREA	34.4 AC		
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	0.7 AC	RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE	0.61
NOTICE OF INTENT EARTH DISTURBED AREA	35.1 AC	POST CONSTRUCTION BMP: AMENDED VEGETATED FILTER STRIPS	
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION	12.4 AC		
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION	16.5 AC	IMMEDIATE RECEIVING WATERS	LITTLE SANDUSKY RIVER
		SUBSEQUENT RECEIVING WATERS	SANDUSKY RIVER



Preliminary Plans
For Reference Only

HORIZONTAL SCALE IN FEET
0 100 200 400

PROJECT SITE PLAN

DESIGN AGENCY

DESIGNER SNW
REVIEWER ARG 02/13/26
PROJECT ID 121424
SHEET P.58 TOTAL 323

WYA-23-3.47

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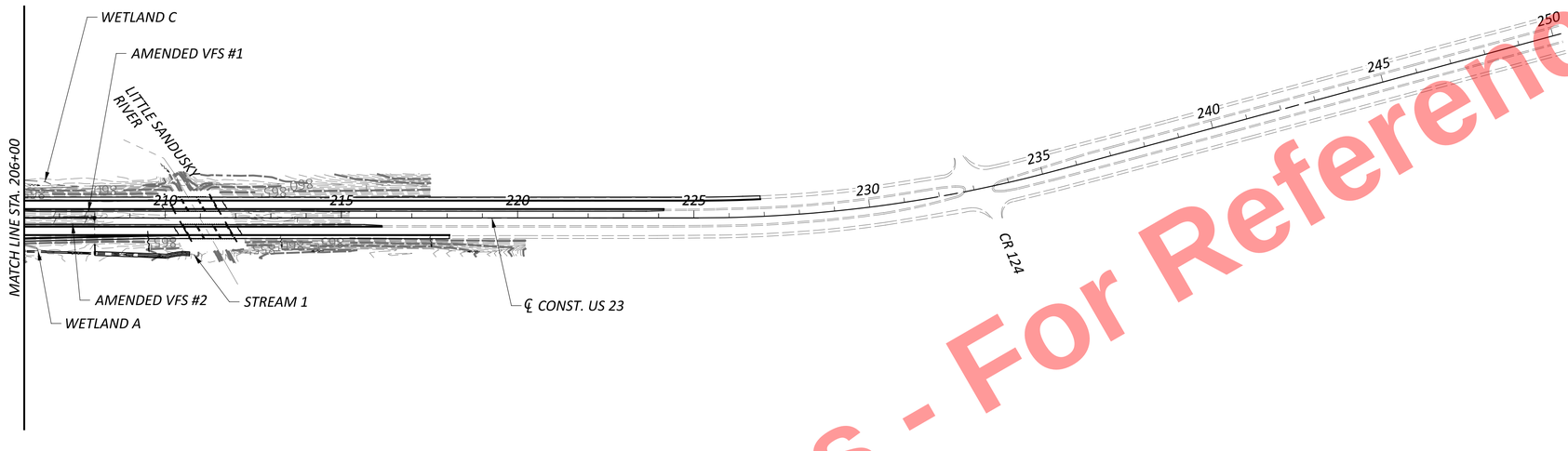

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 100 200 400

PROJECT SITE PLAN

DESIGN AGENCY

DESIGNER SNW

REVIEWER ARG 02/13/26

PROJECT ID 121424

SHEET P.59 TOTAL 323

WYA-23-3.47

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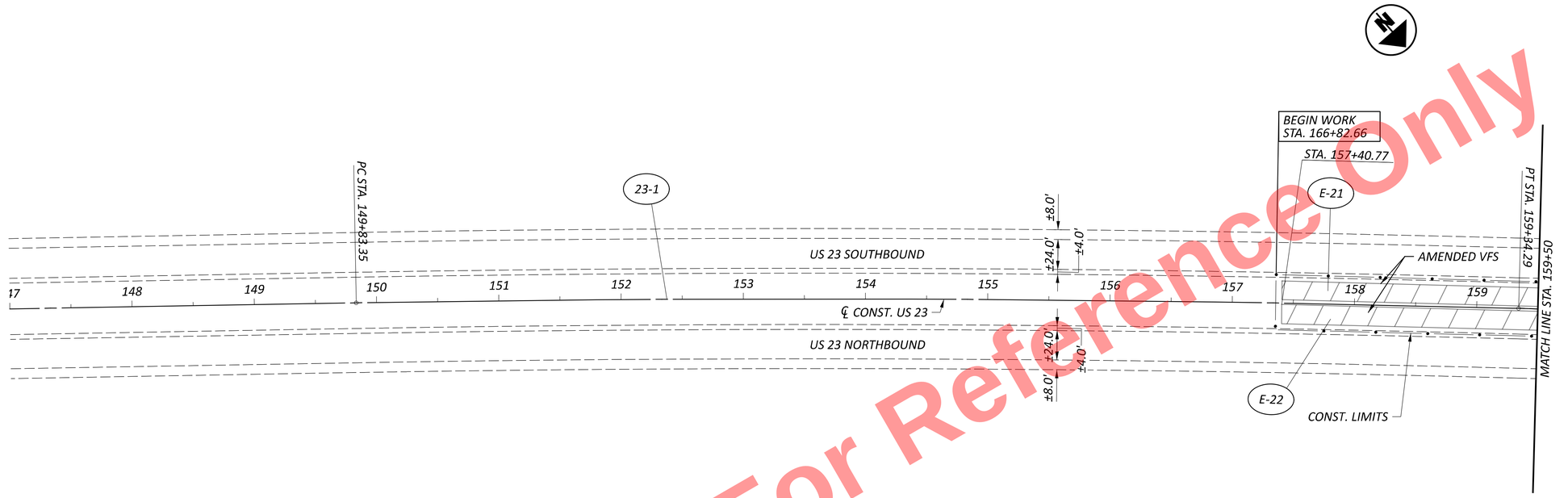
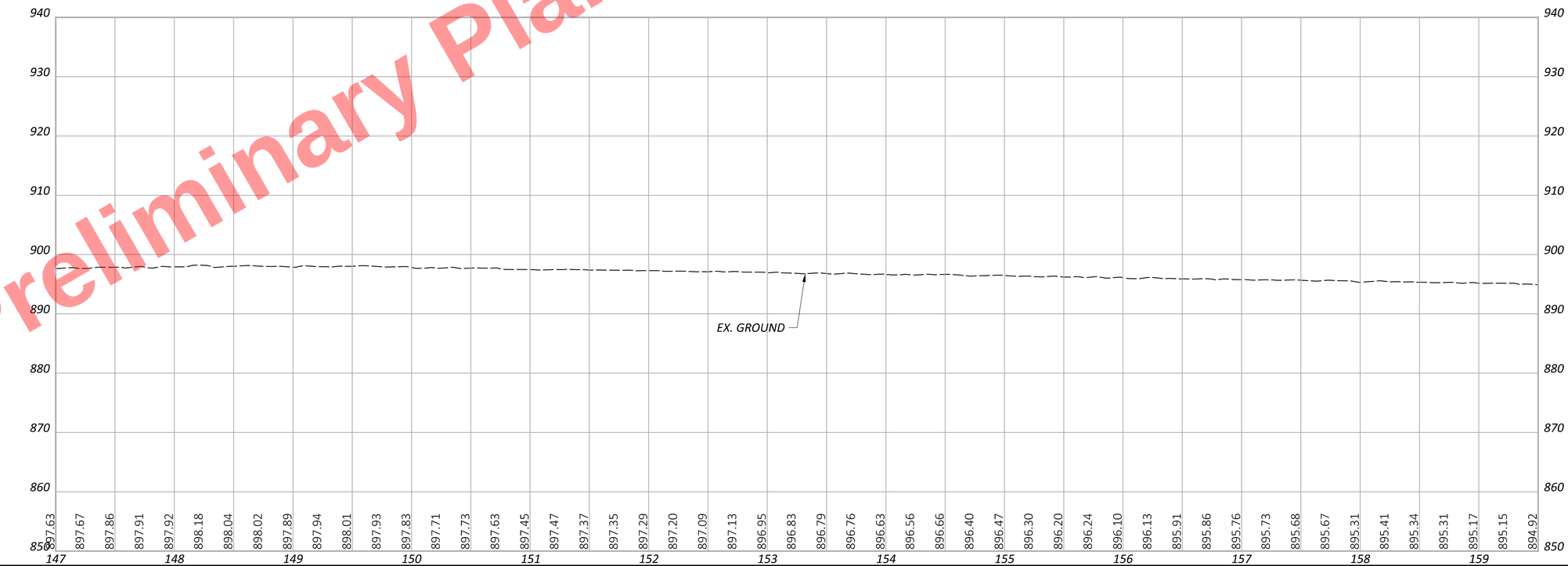


LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2

CURVE 23-1
P.I. = STA. 154+58.90
Δ = 02°32'09" RT
Dc = 00°16'00"
R = 21,485.92'
T = 475.55'
L = 950.94'
E = 5.26'
e_{max} = 0.048 (Ex.)



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - US 23
BEGIN WORK TO STA. 159+50

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.60 TOTAL 323

WYA-23-3.47

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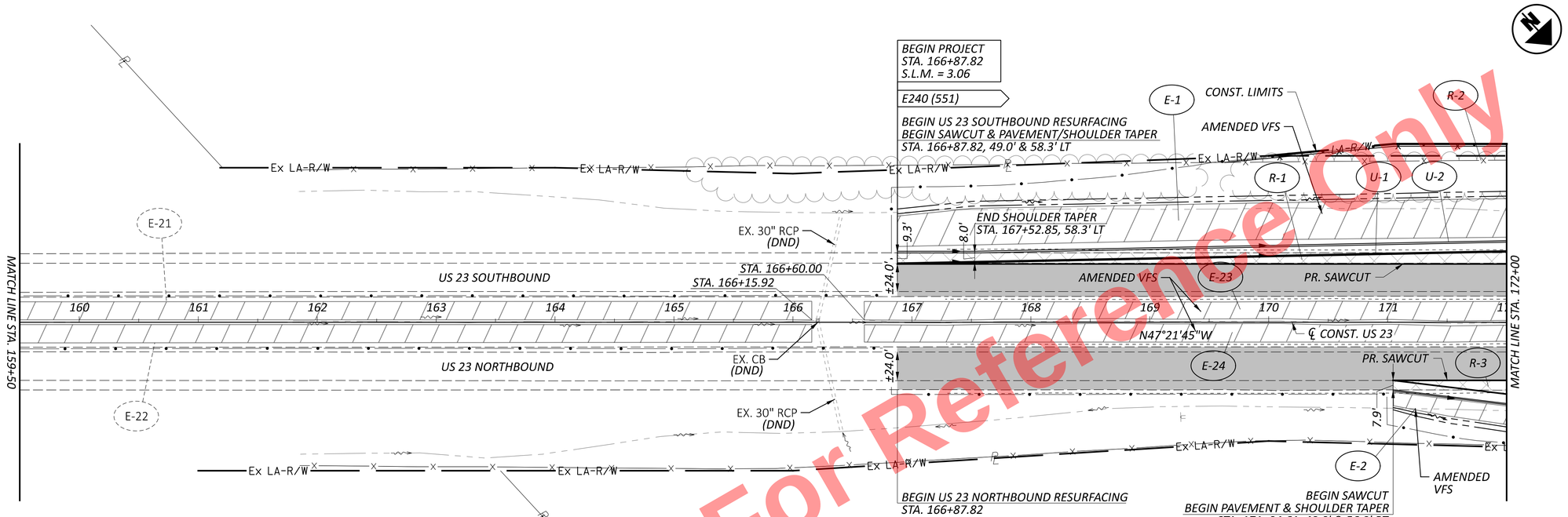
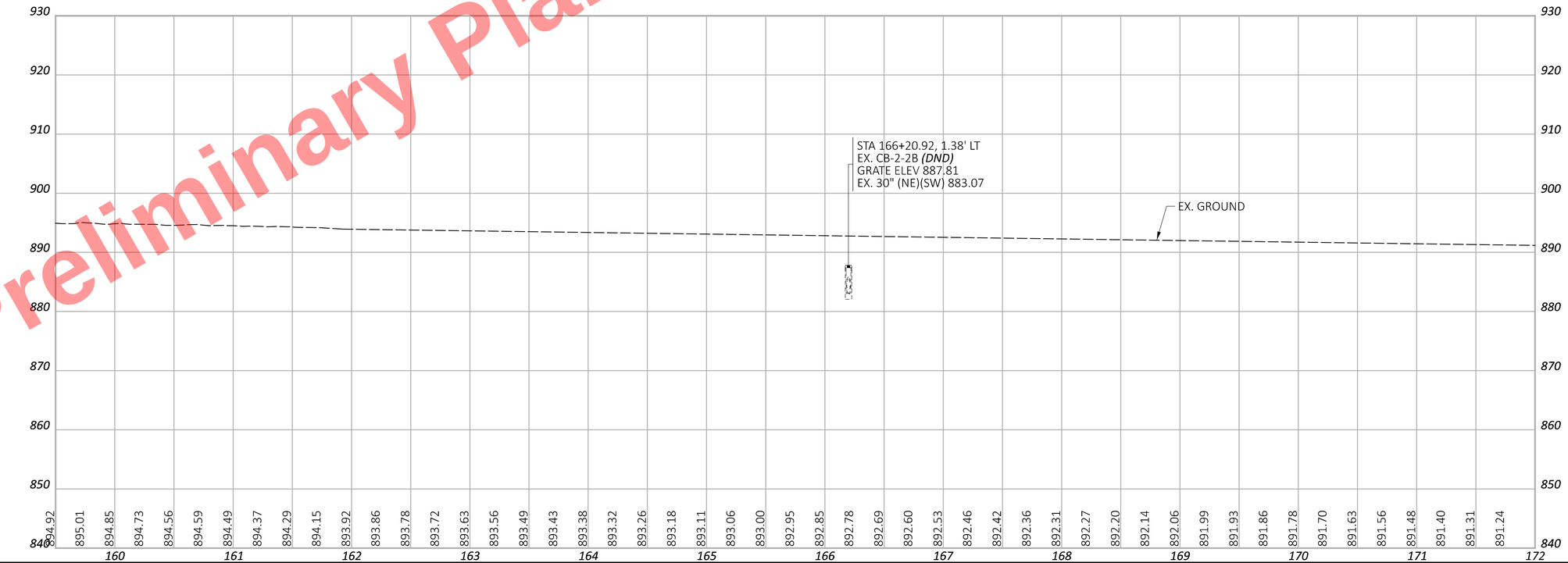


LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - US 23
STA. 159+50.00 TO STA. 172+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.61 TOTAL 323

WYA-23-3.47

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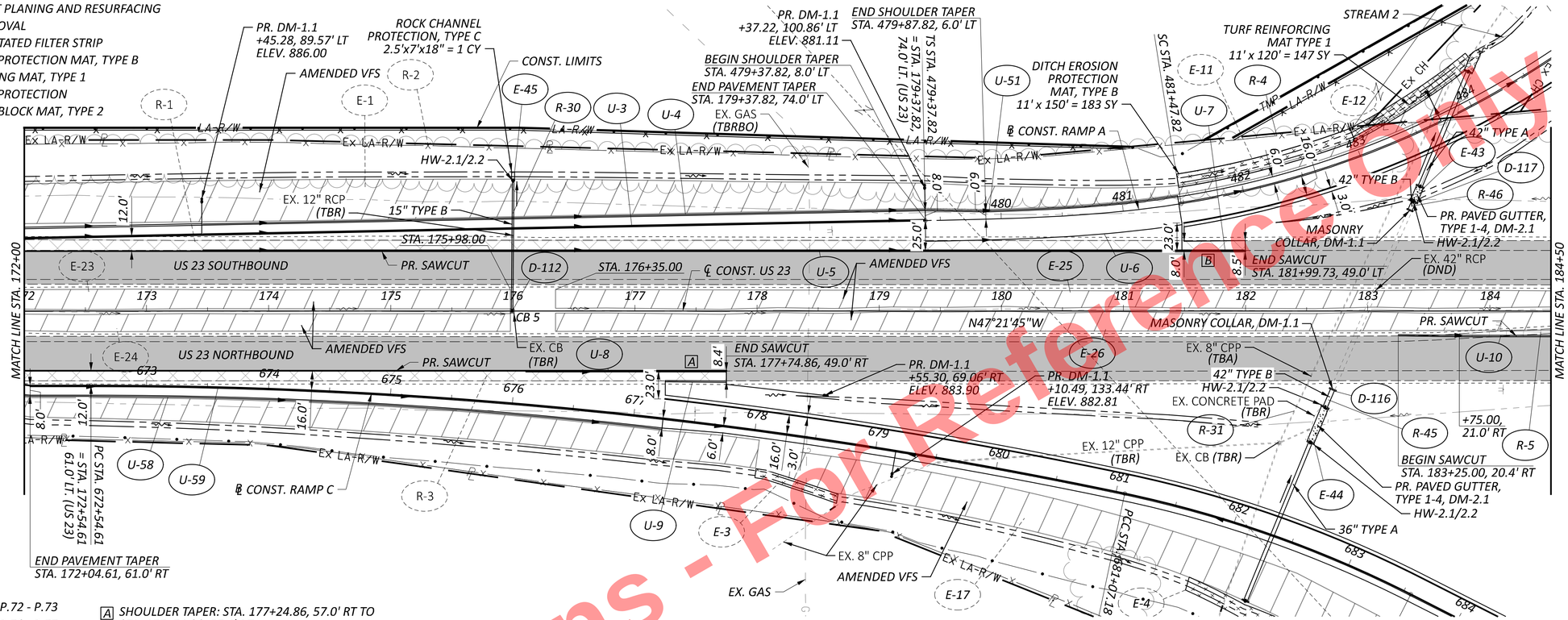
Preliminary Plans - For Reference Only

LEGEND

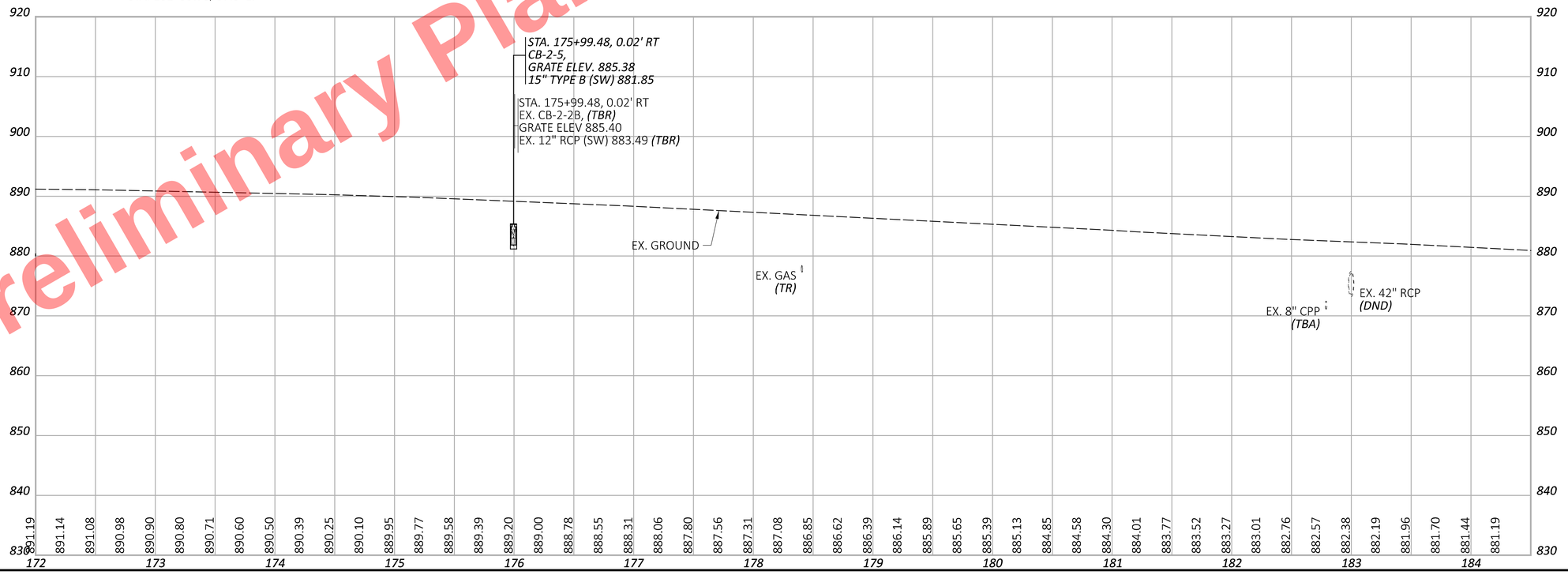
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



FOR RAMP A SHEETS SEE P.72 - P.73
FOR RAMP C SHEETS SEE P.76 - P.77
FOR CULVERT DETAILS SEE P.199 & P.200

[A] SHOULDER TAPER: STA. 177+24.86, 57.0' RT TO STA. 177+74.86, 57.4' RT

[B] SHOULDER TAPER: STA. 181+49.73, 57.0' LT TO STA. 181+99.73, 57.5' LT



HORIZONTAL SCALE IN FEET
0 25 50 100

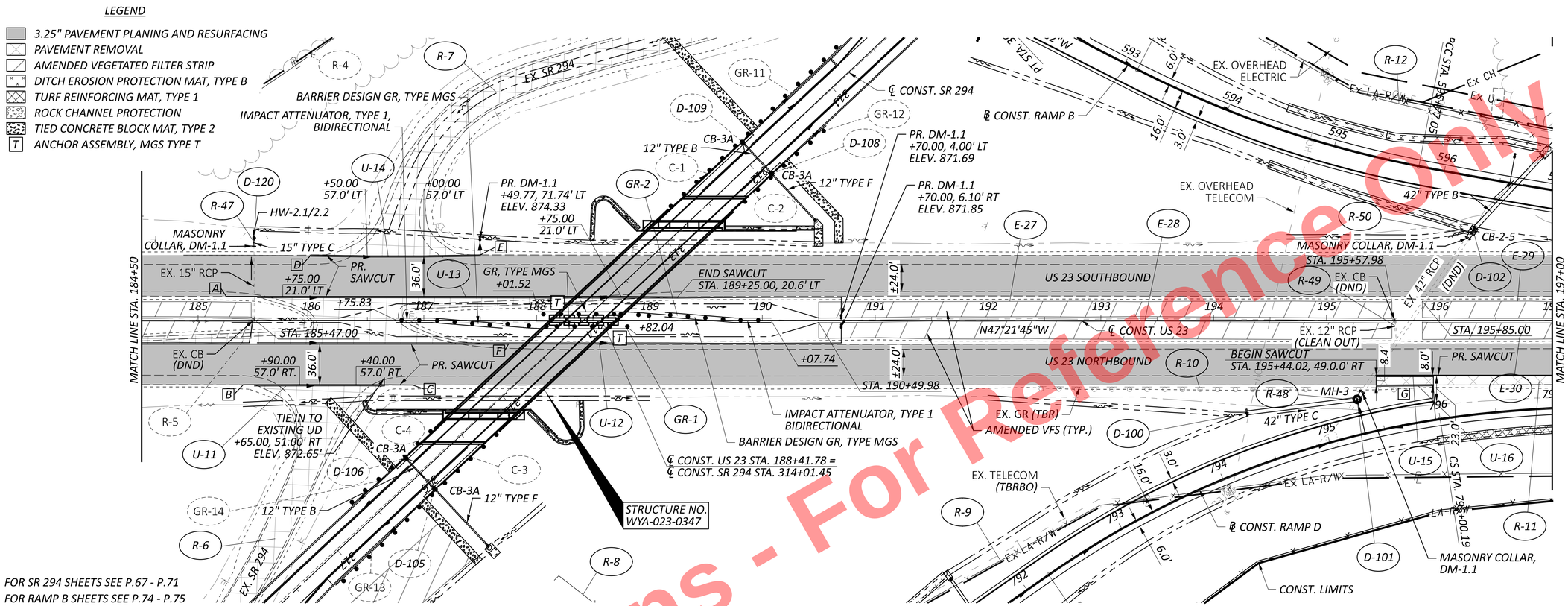
PLAN AND PROFILE - US 23
STA. 172+00.00 TO STA. 184+50.00

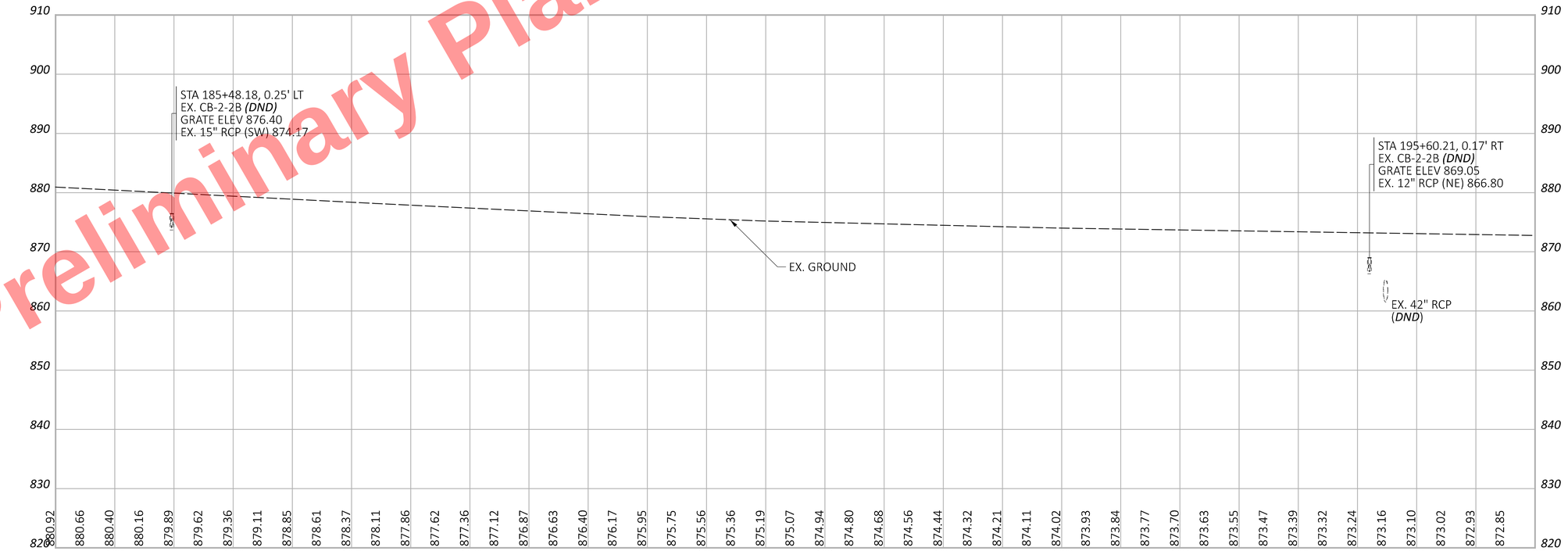
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.62 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 121424_GP1002 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:10:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402 Engineering_EL-Robinson\Roadway\Sheets\121424_GP002.dgn





Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - US 23
STA. 184+50.00 TO STA. 197+00.00

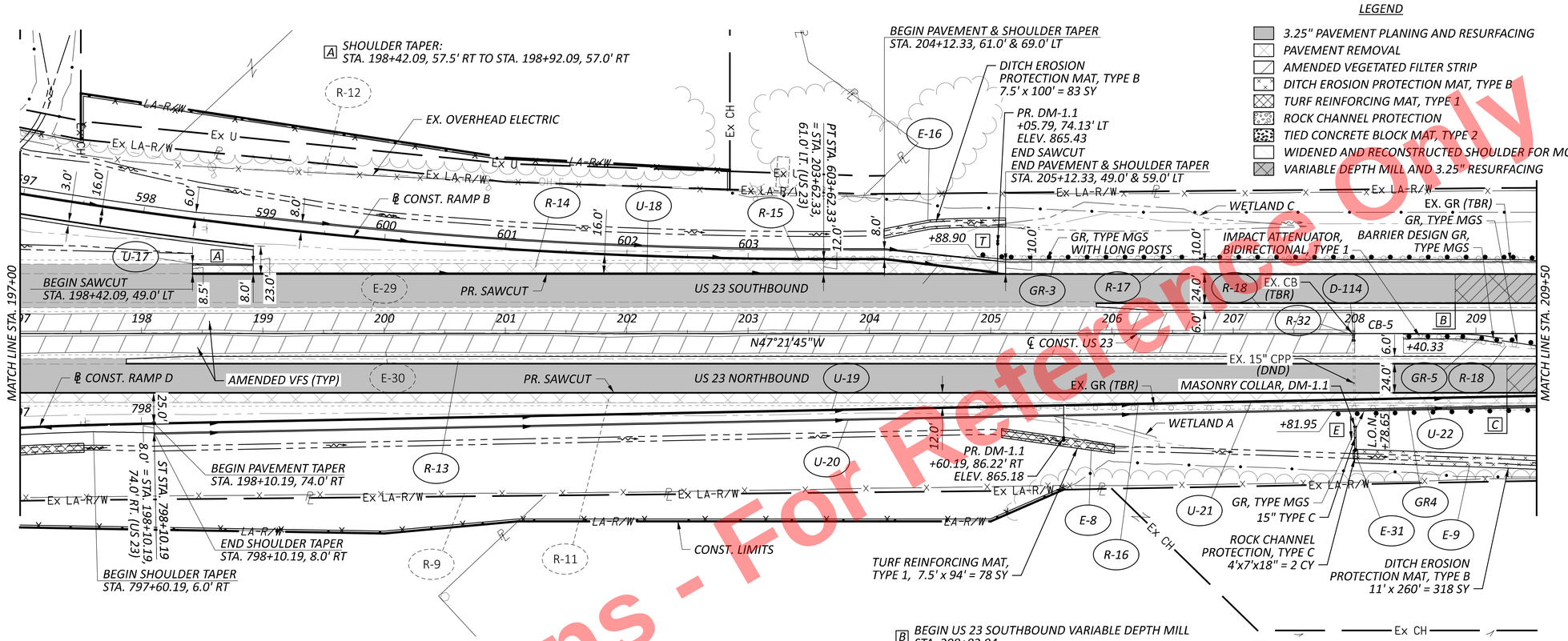
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

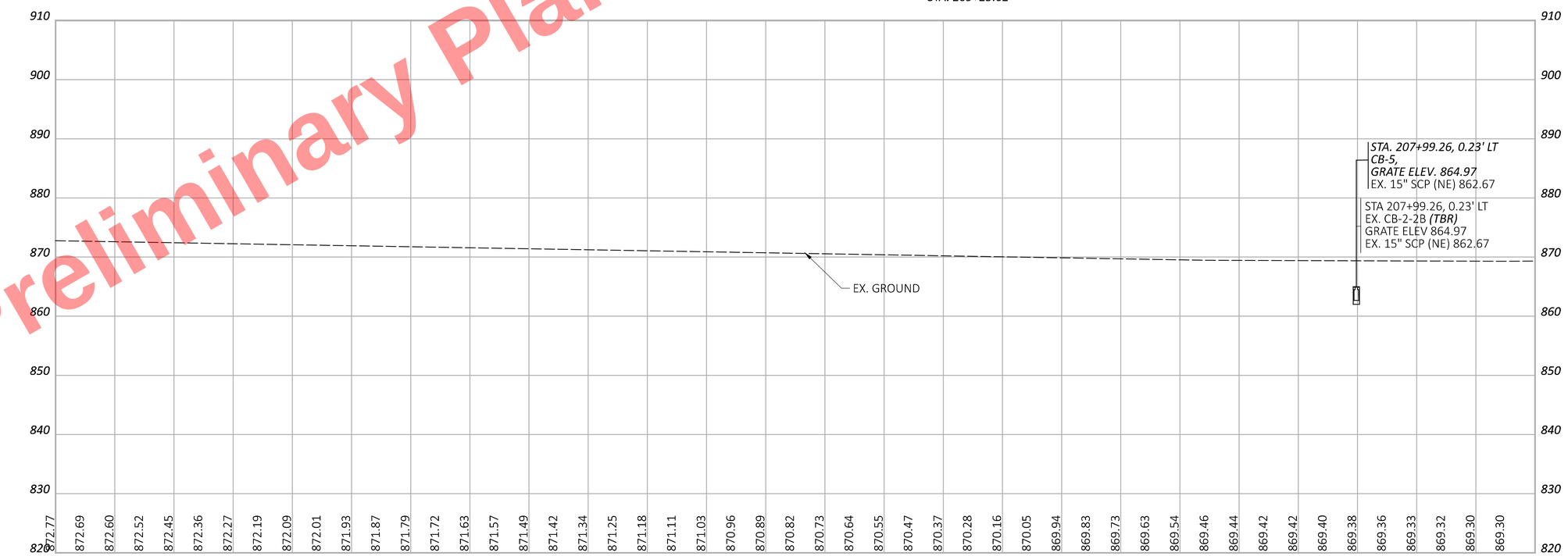
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.63 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 121424_GP1003 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:10:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP003.dgn

Preliminary Plans - For Reference Only





HORIZONTAL SCALE IN FEET
0 25 50 100

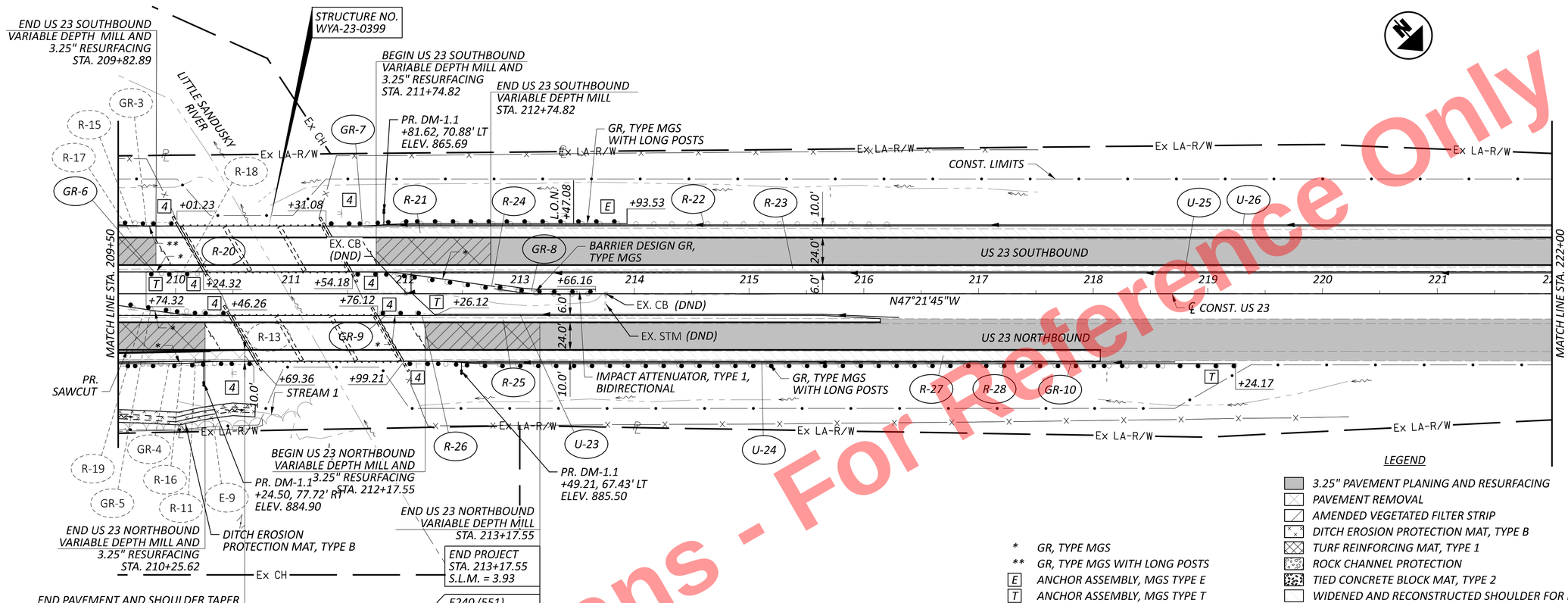
PLAN AND PROFILE - US 23
STA. 197+00.00 TO STA. 209+50.00

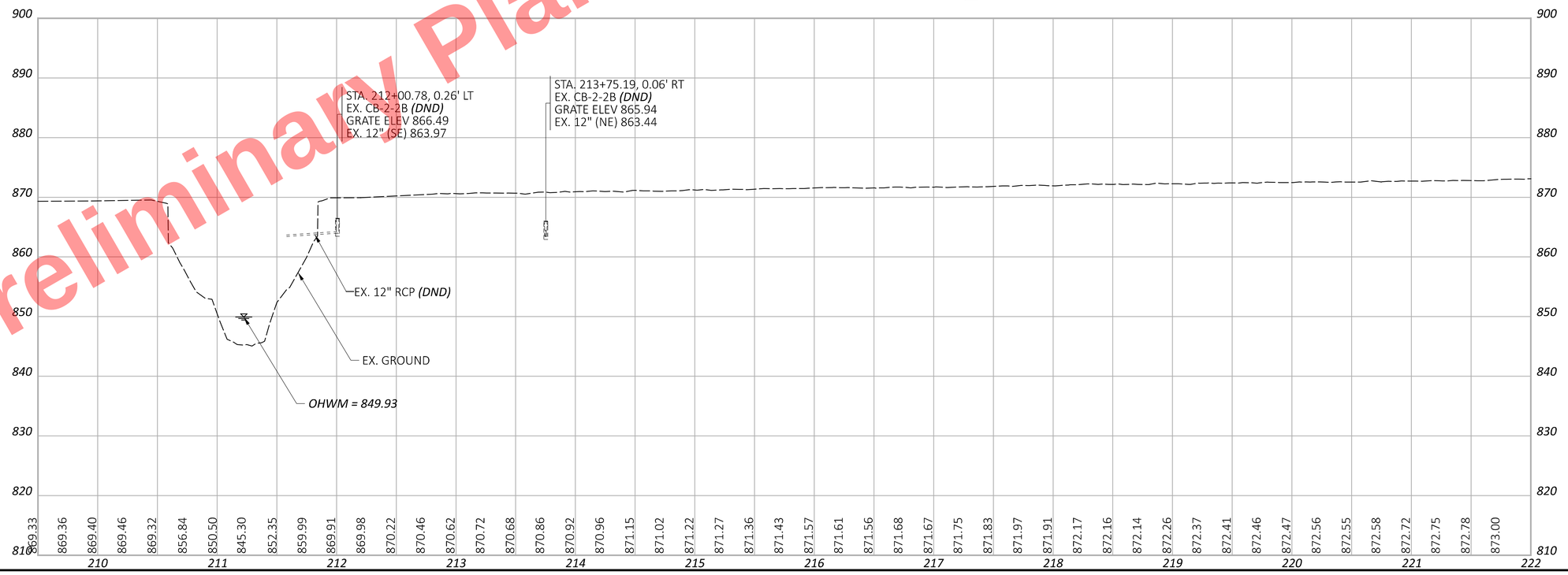
DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St. Suite 800 Cleveland, Ohio 950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER	KRF
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.64
TOTAL	323

WYA-23-3.47

MODEL: CLP_US24 - 121424_GP1004 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:10:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP004.dgn

Preliminary Plans - For Reference Only





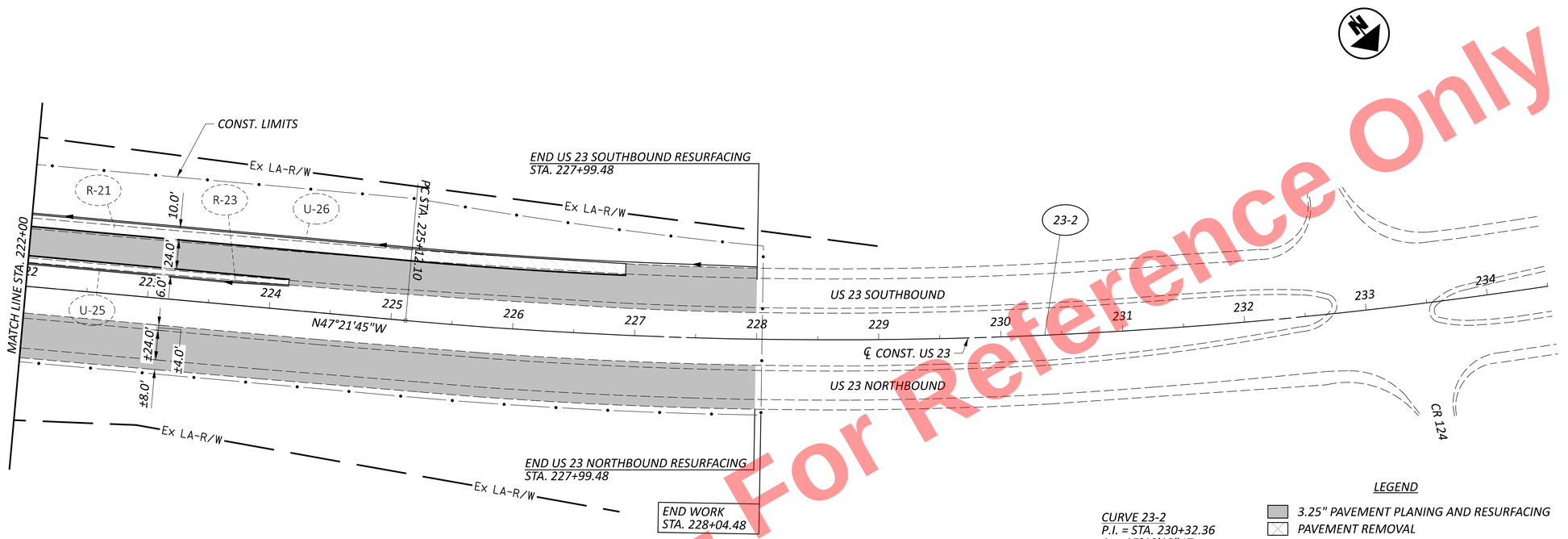
PLAN AND PROFILE - US 23
STA. 209+50.00 TO STA. 222+00.00

WYA-23-3.47

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.65 TOTAL 323

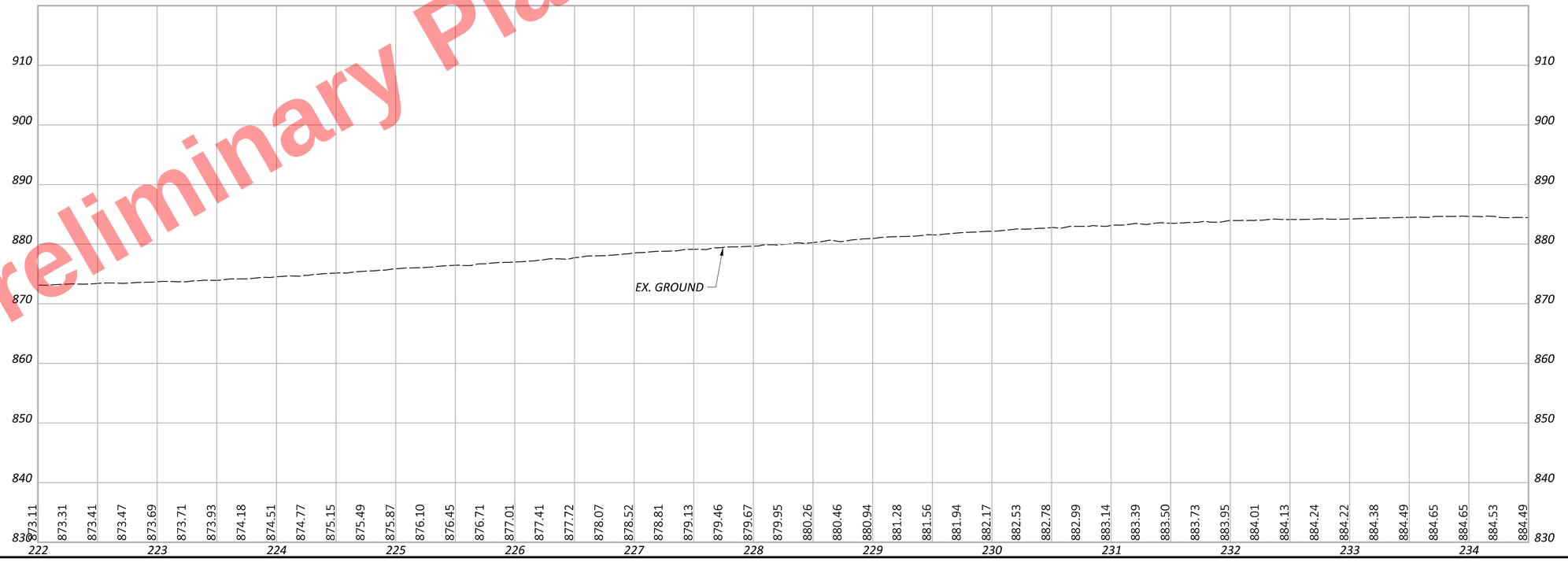
MODEL: CLP_US24 - 121424_GP1005 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:10:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GP005.dgn



CURVE 23-2
P.I. = STA. 230+32.36
Δ = 15°10'18" LT
Dc = 01°28'00"
R = 3,906.53'
T = 520.26'
L = 1,034.43'
E = 34.49'
e_{max} = 0.048 (Ex.)

LEGEND

- *3.25" PAVEMENT PLANING AND RESURFACING*
- *PAVEMENT REMOVAL*
- *AMENDED VEGETATED FILTER STRIP*
- *DITCH EROSION PROTECTION MAT, TYPE B*
- *TURF REINFORCING MAT, TYPE 1*
- *ROCK CHANNEL PROTECTION*
- *TIED CONCRETE BLOCK MAT, TYPE 2*
- *WIDENED AND RECONSTRUCTED SHOULDER FOR MOT*



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - US 23
STA. 222+00.00 TO END WORK

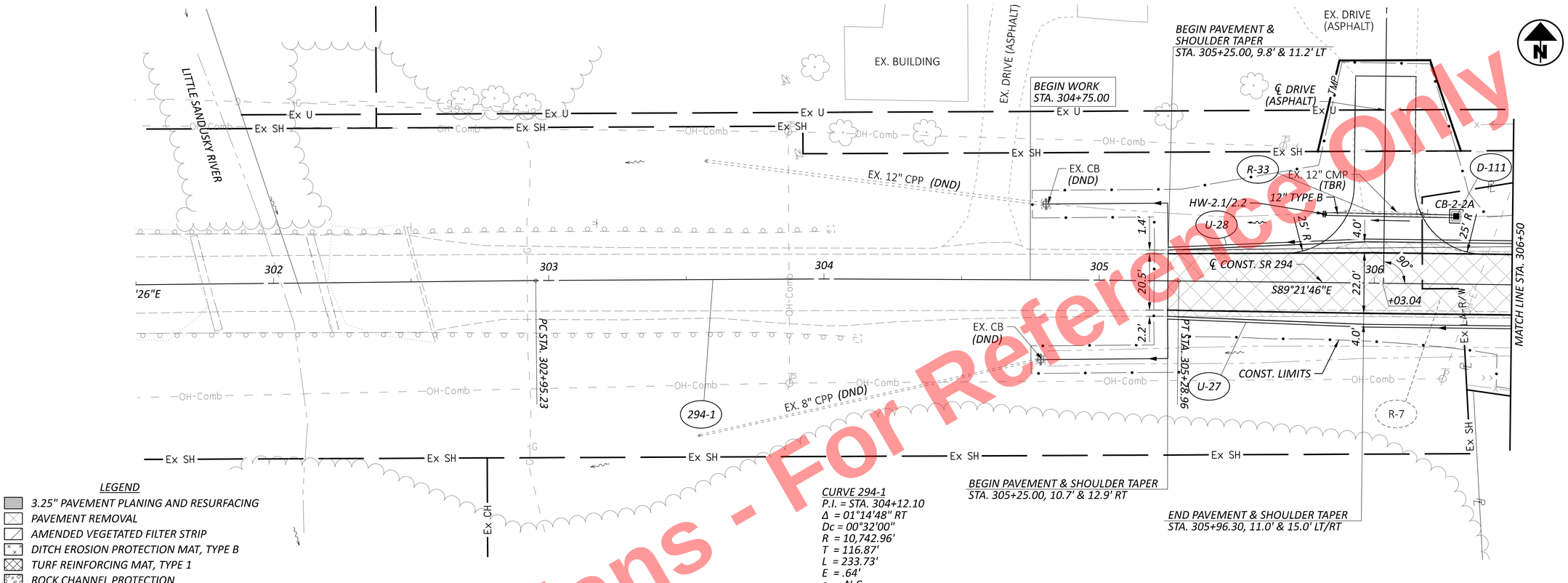
WYA-23-3.47

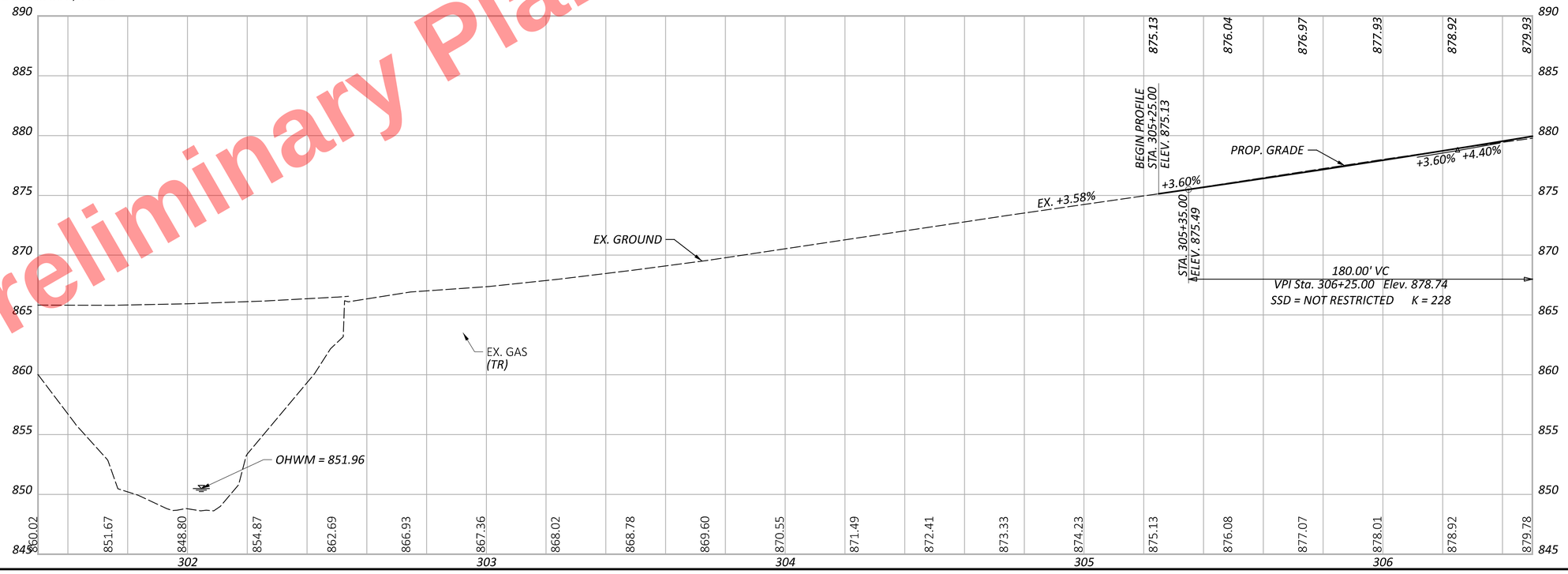
MODEL: 121424_GP006 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:10:54 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP006.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.66 TOTAL 323

Preliminary Plans - For Reference Only





HORIZONTAL SCALE IN FEET
0 10 20 40

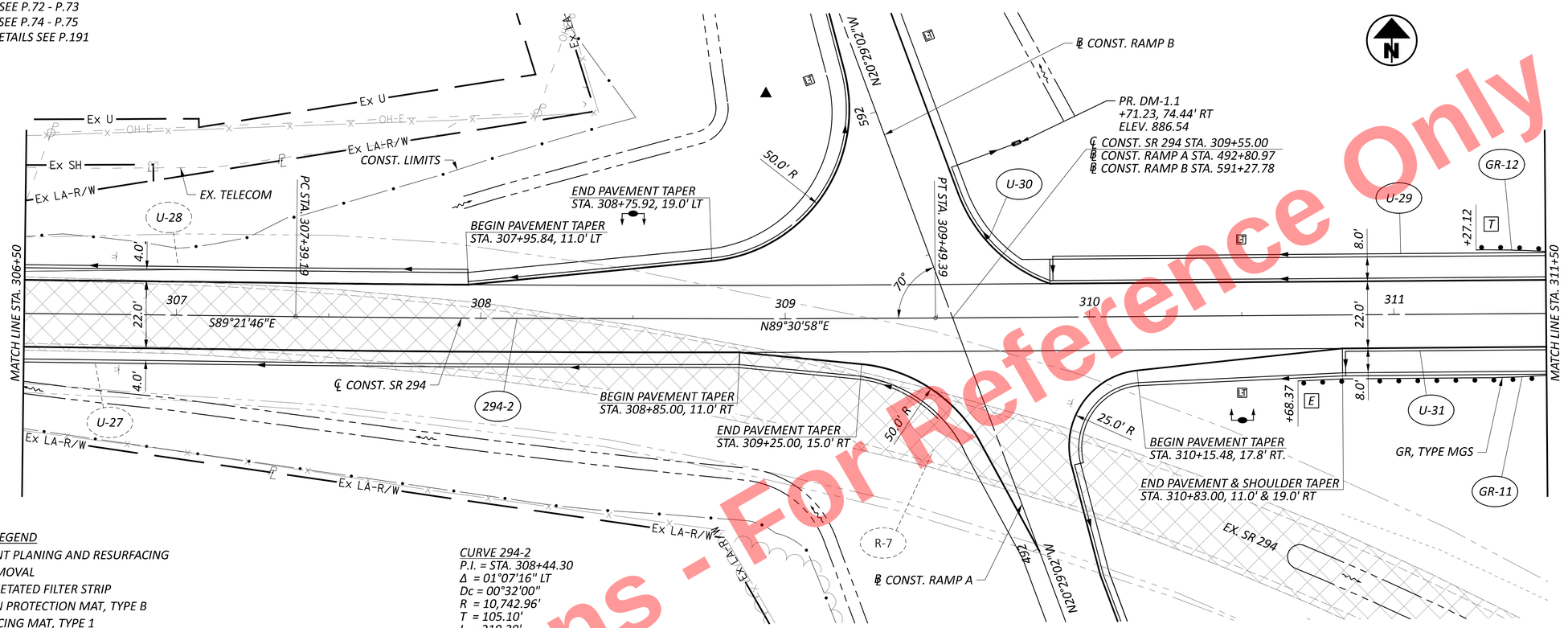
PLAN AND PROFILE - SR 294
BEGIN WORK TO STA. 306+50.00

WYA-23-3.47

MODEL: 121424_GP101 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:00 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GP101.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.67 TOTAL 323

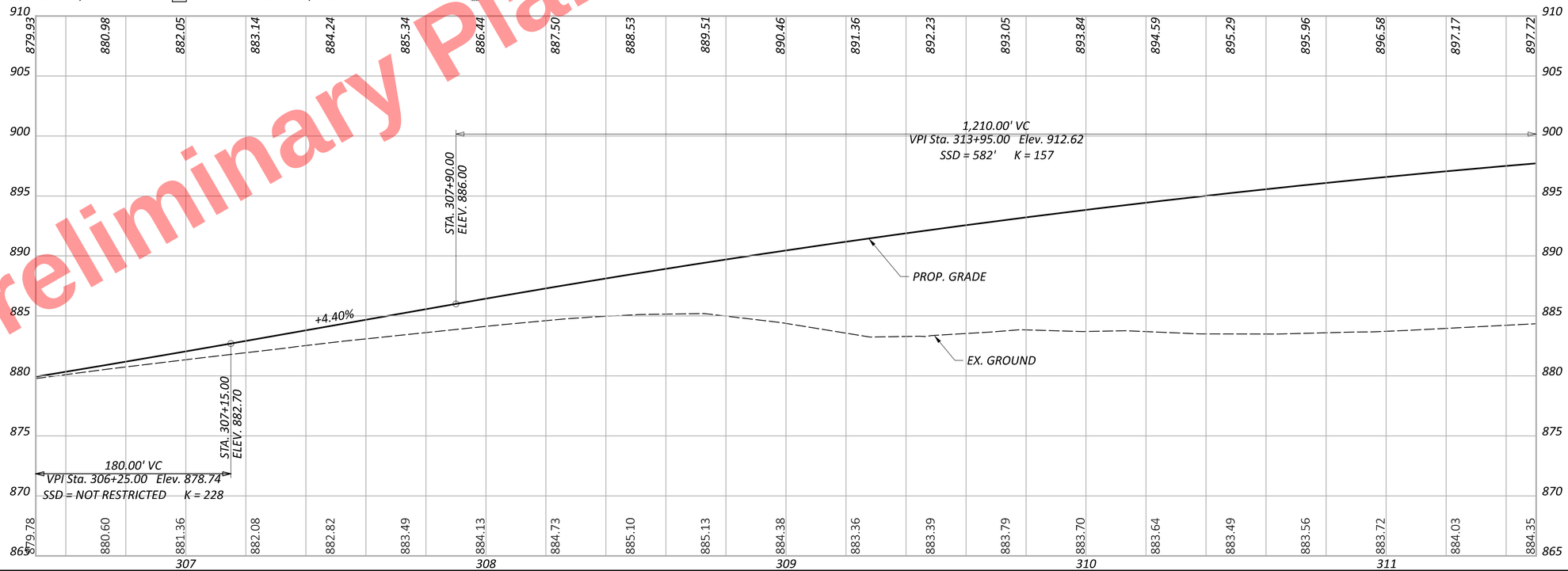
FOR RAMP A SHEETS SEE P.72 - P.73
FOR RAMP B SHEETS SEE P.74 - P.75
FOR INTERSECTION DETAILS SEE P.191



LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2
- [E] ANCHOR ASSEMBLY, MGS TYPE E
- [T] ANCHOR ASSEMBLY, MGS TYPE T

CURVE 294-2
P.I. = STA. 308+44.30
Δ = 01°07'16" LT
Dc = 00°32'00"
R = 10,742.96'
T = 105.10'
L = 210.20'
E = 0.51'
e = N.C.



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - SR 294
STA. 306+50.00 TO STA. 311+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.68 TOTAL 323

WYA-23-3.47

MODEL: 121424_GP102 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:08 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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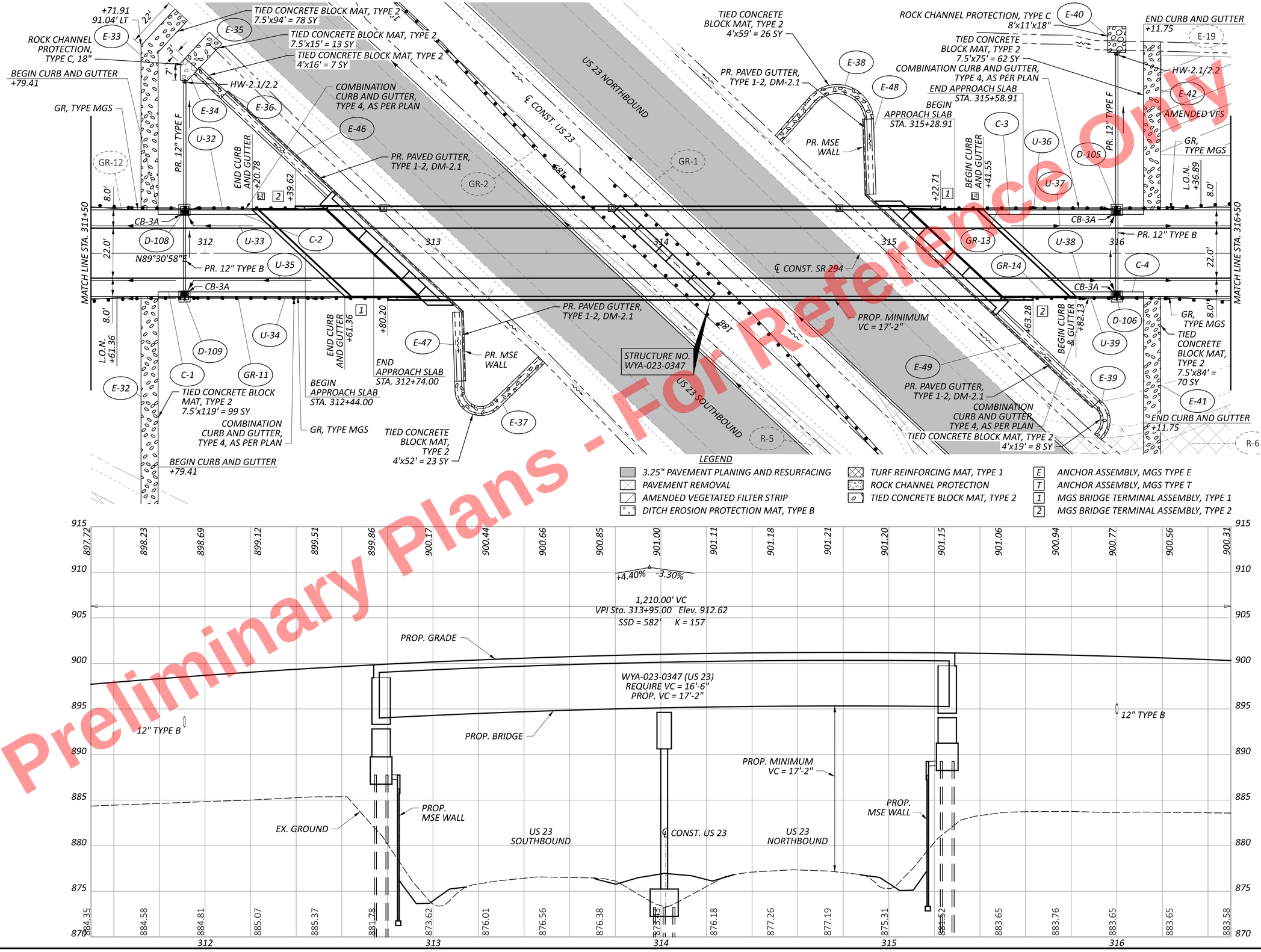


Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

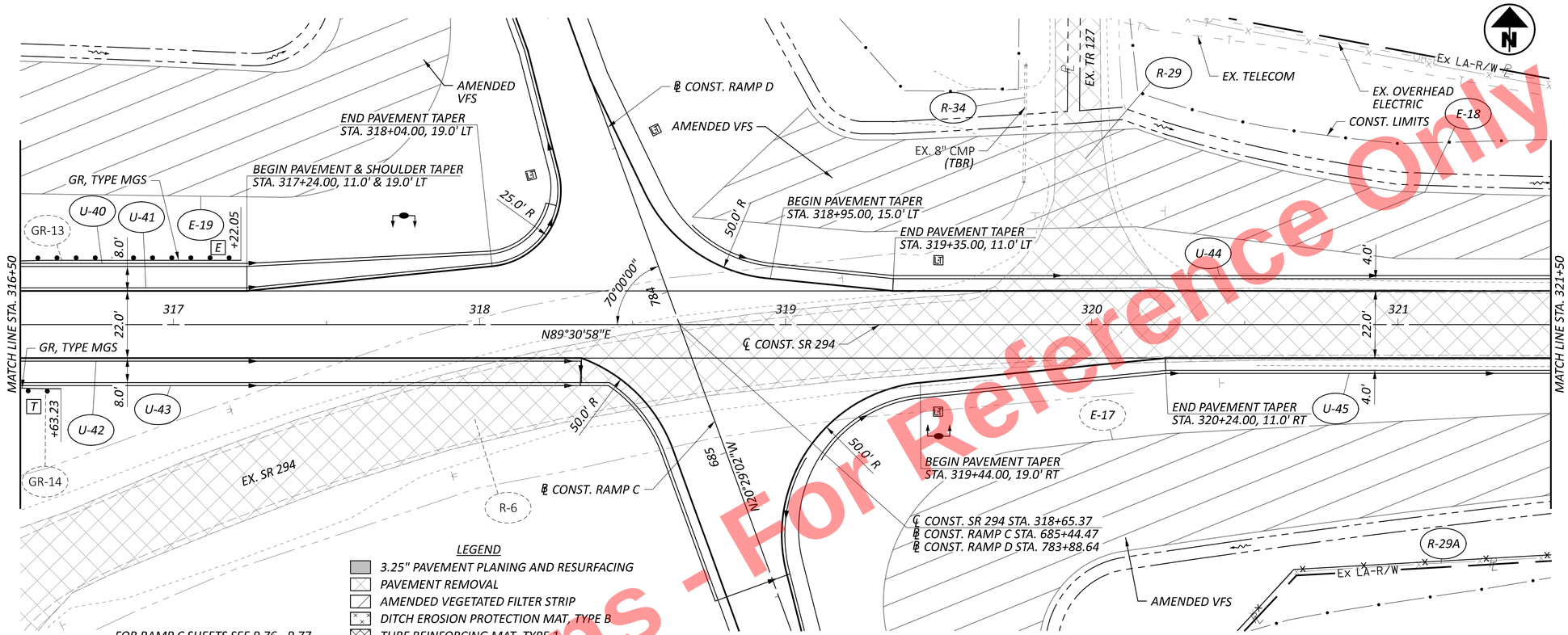
PLAN AND PROFILE - SR 294
STA. 311+50.00 TO STA. 316+50.00

WYA-23-3.47

MODEL: 121424_GP103 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_GP103.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.69 TOTAL 323

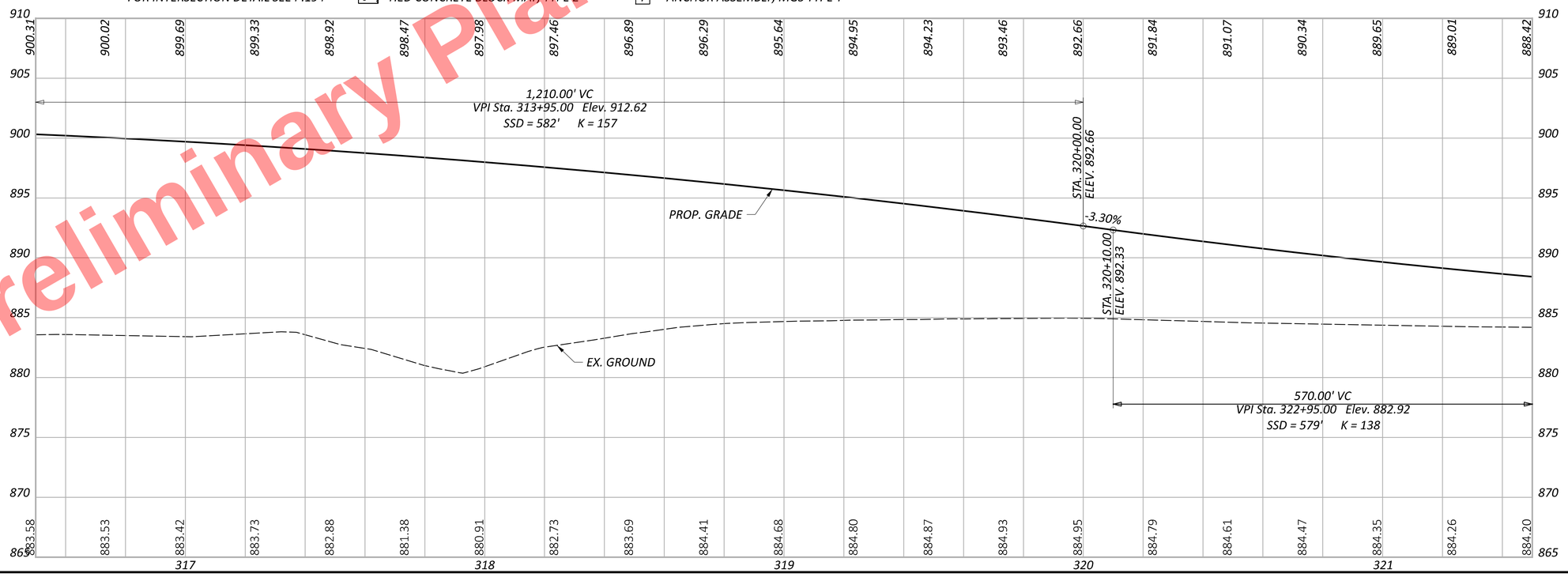
Preliminary Plans - For Reference Only



LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2
- [E] ANCHOR ASSEMBLY, MGS TYPE E
- [T] ANCHOR ASSEMBLY, MGS TYPE T

FOR RAMP C SHEETS SEE P.76 - P.77
FOR RAMP D SHEETS SEE P.78 - P.79
FOR INTERSECTION DETAIL SEE P.194



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - SR 294
STA. 316+50.00 TO STA. 321+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: KRF
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.70 TOTAL: 323

WYA-23-3.47

MODEL: 121424_GP104 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:21 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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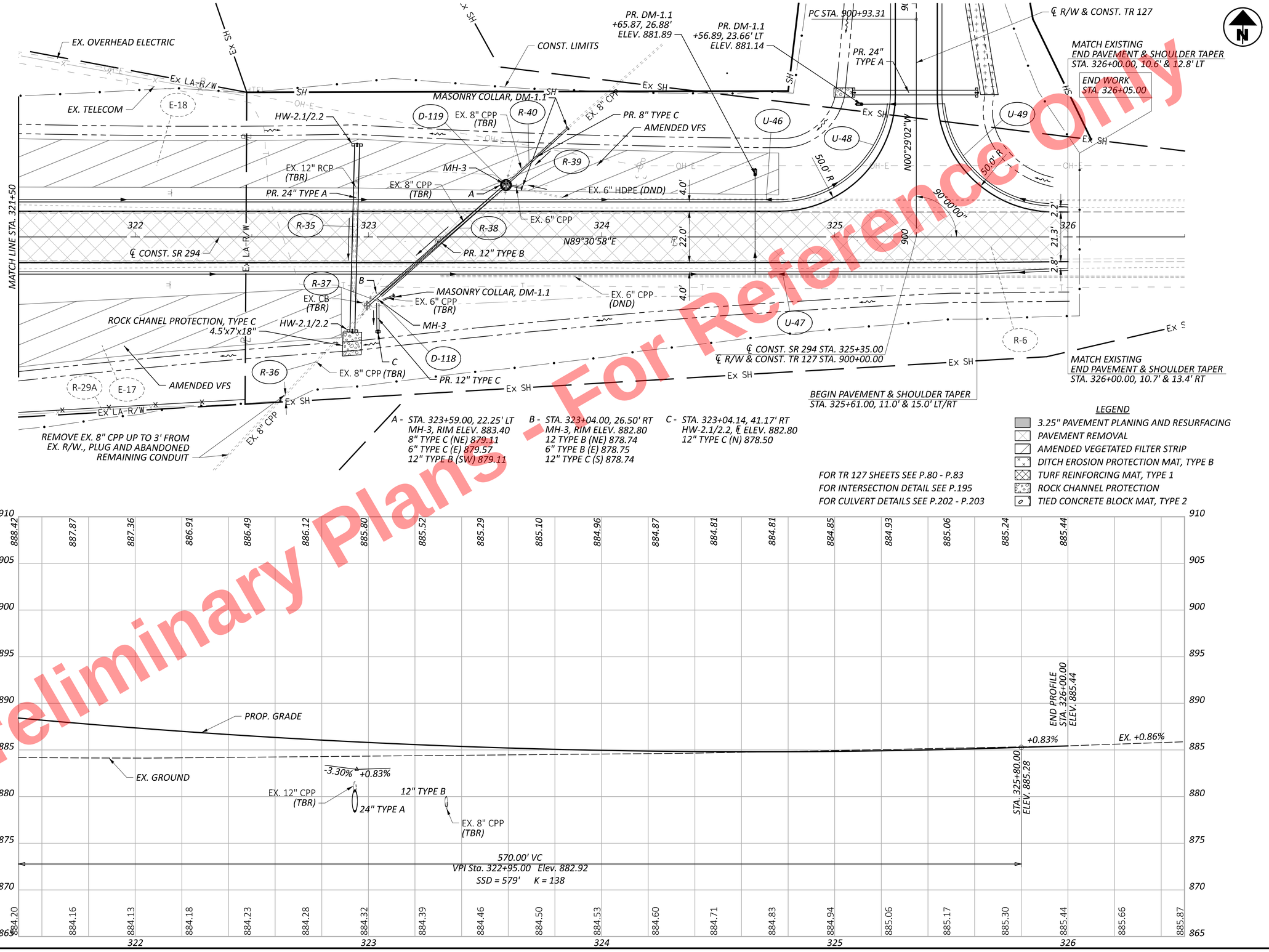


Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - SR 294
STA. 321+50.00 TO END WORK

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

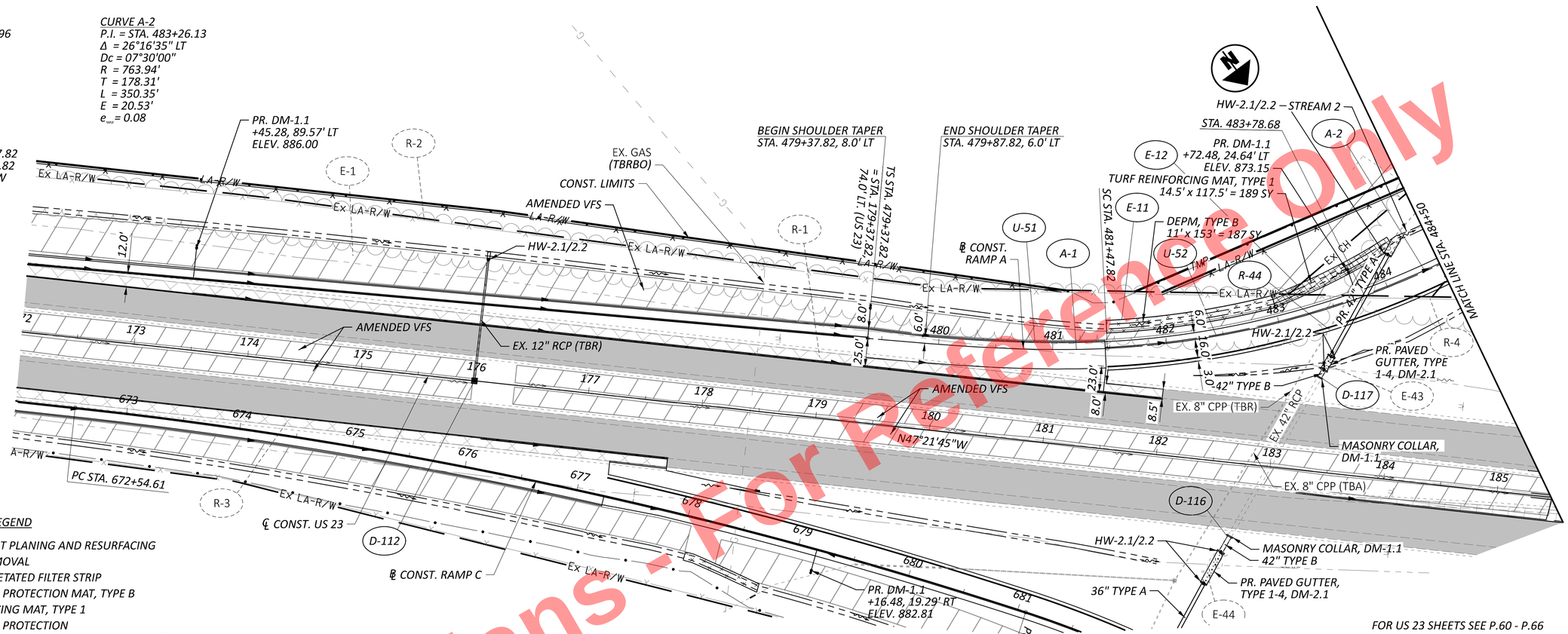
DESIGNER	KRF
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.71
TOTAL	323

WYA-23-3.47

MODEL: 121424_GP105 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:28 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402 Engineering_EL-Robinson\Roadway\Sheets\121424_GP105.dgn

CURVE A-1
P.I. = STA. 480+77.96
Ls = 210.00'
Θs = 07°52'30"
LT = 140.14'
ST = 70.13'
x = 209.60'
y = 9.61'
k = 104.93'
p = 2.40'
C = 209.82'
Start = Sta. 479+37.82
End = Sta. 481+47.82
C.B. = N51°07'58"W

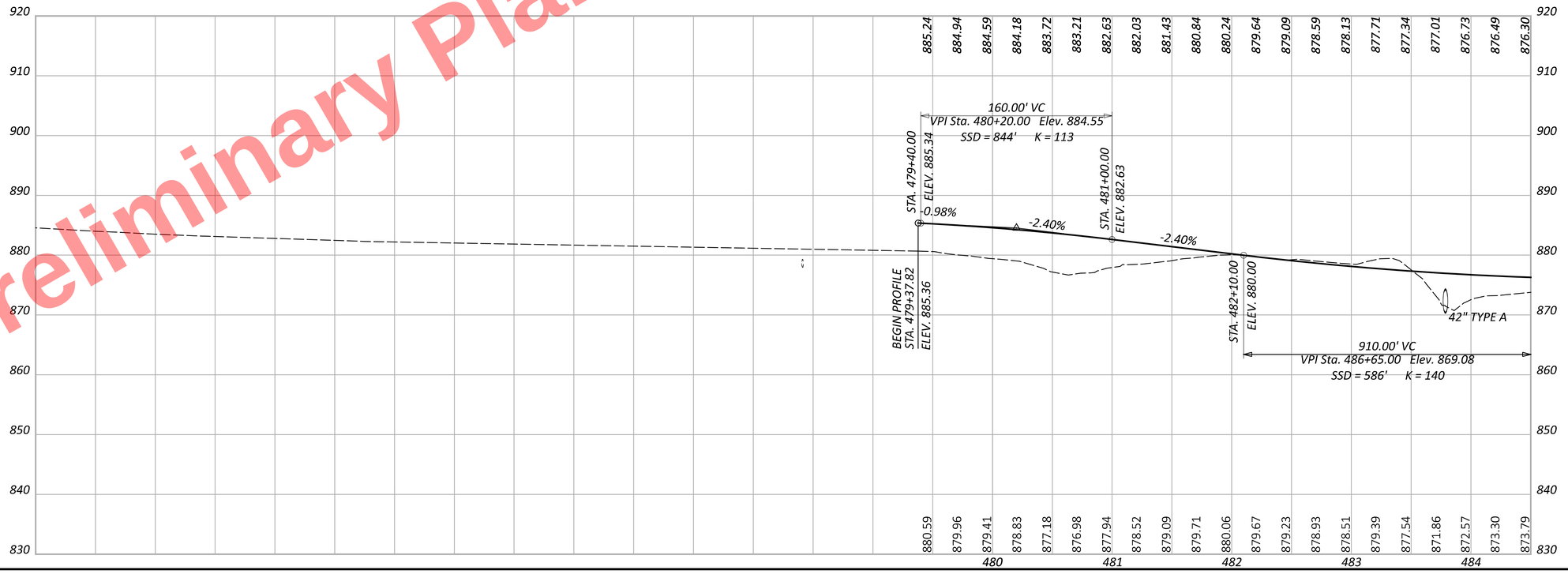
CURVE A-2
P.I. = STA. 483+26.13
Δ = 26°16'35" LT
Dc = 07°30'00"
R = 763.94'
T = 178.31'
L = 350.35'
E = 20.53'
e_{max} = 0.08



LEGEND

- *3.25" PAVEMENT PLANING AND RESURFACING*
- *PAVEMENT REMOVAL*
- *AMENDED VEGETATED FILTER STRIP*
- *DITCH EROSION PROTECTION MAT, TYPE B*
- *TURF REINFORCING MAT, TYPE 1*
- *ROCK CHANNEL PROTECTION*
- *TIED CONCRETE BLOCK MAT, TYPE 2*
- [T] *ANCHOR ASSEMBLY, MGS TYPE T*

FOR US 23 SHEETS SEE P.60 - P.66
FOR CULVERT DETAILS SEE P.199



Preliminary Plans - For Reference Only

HORIZONTAL
SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - SR 294 RAMP A
STA. 479+37.82 TO STA. 484+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER
KRF

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.72 TOTAL 323

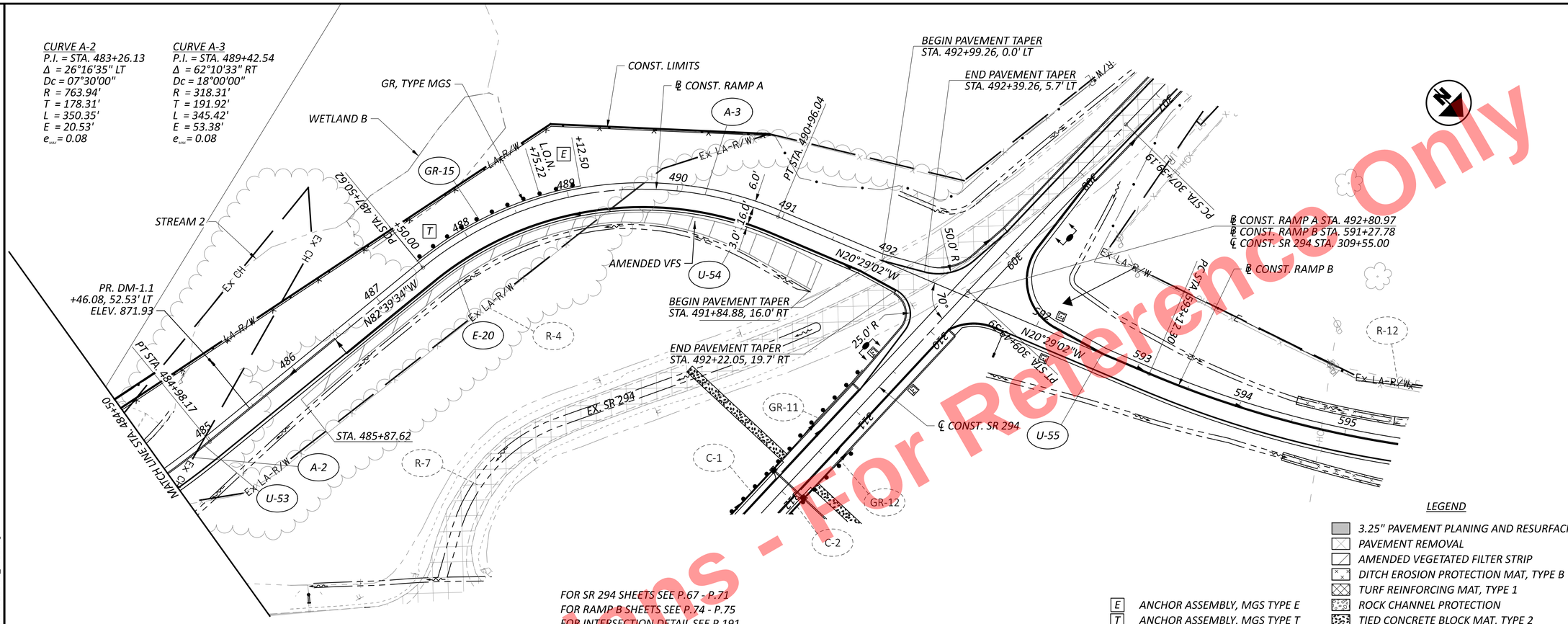
WYA-23-3.47

MODEL: BLP_RA - Plan 1 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WYA-23-3.47
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP111.dgn

Preliminary Plans - For Reference Only

CURVE A-2
P.I. = STA. 483+26.13
Δ = 26°16'35" LT
Dc = 07°30'00"
R = 763.94'
T = 178.31'
L = 350.35'
E = 20.53'
e_{max} = 0.08

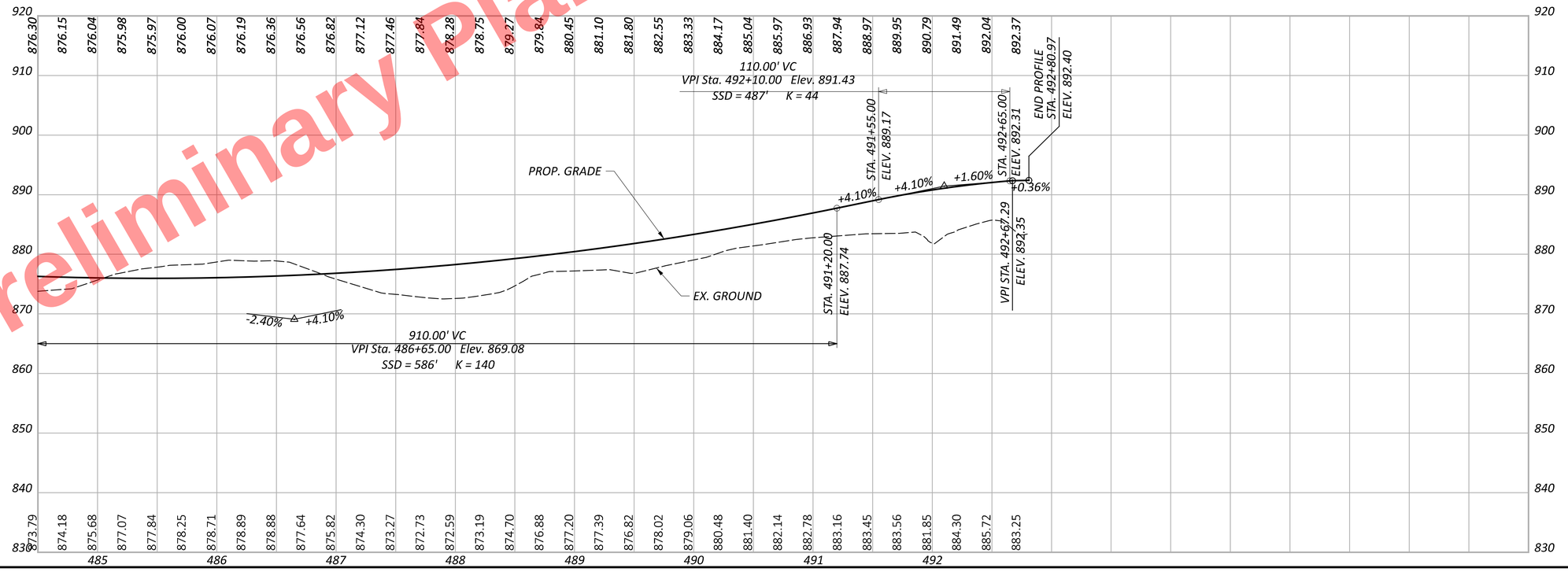
CURVE A-3
P.I. = STA. 489+42.54
Δ = 62°10'33" RT
Dc = 18°00'00"
R = 318.31'
T = 191.92'
L = 345.42'
E = 53.38'
e_{max} = 0.08



FOR SR 294 SHEETS SEE P.67 - P.71
FOR RAMP B SHEETS SEE P.74 - P.75
FOR INTERSECTION DETAIL SEE P.191

E ANCHOR ASSEMBLY, MGS TYPE E
T ANCHOR ASSEMBLY, MGS TYPE T

LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - SR 294 RAMP A
STA. 484+50.00 TO STA. 492+80.97

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.73 TOTAL 323

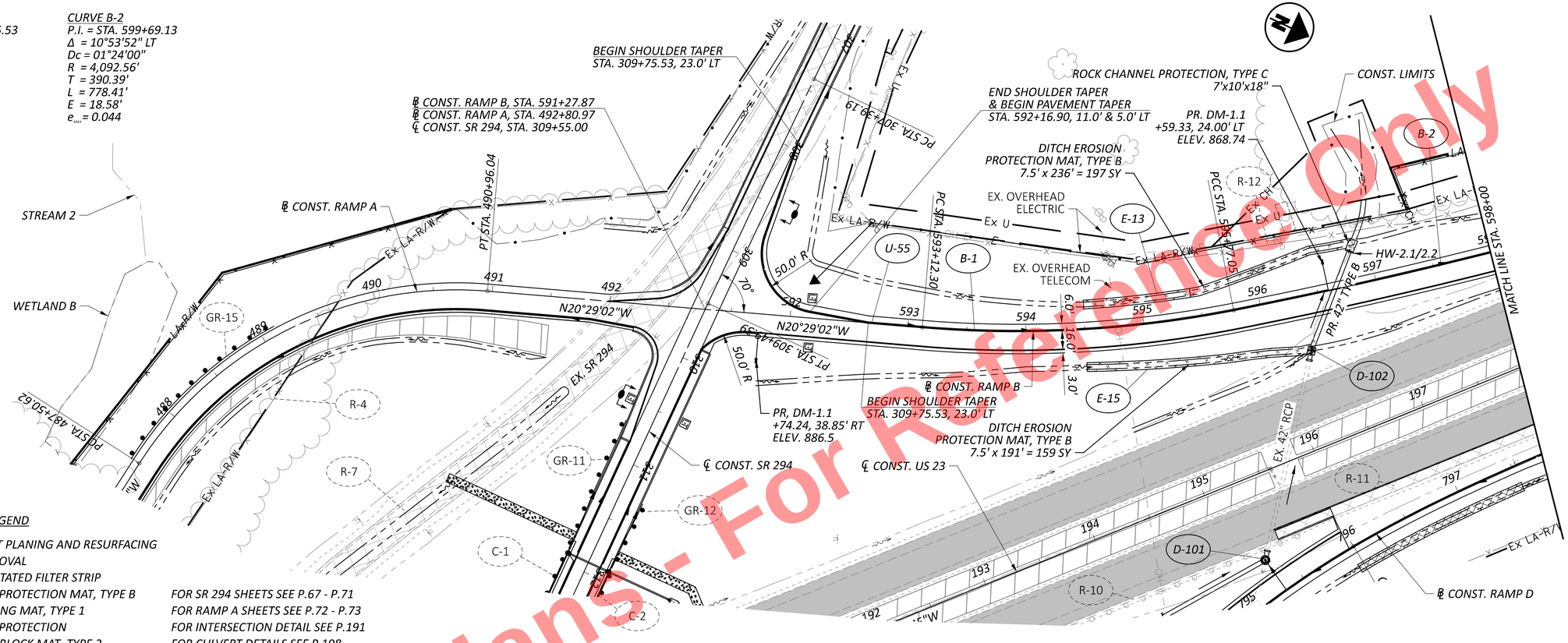
WYA-23-3.47

MODEL: BLP_RA - Plan 2 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:42 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP112.dgn

Preliminary Plans - For Reference Only

CURVE B-1
P.I. = STA. 594+45.53
Δ = 15°53'05" LT
Dc = 06°00'00"
R = 954.93'
T = 133.23'
L = 264.74'
E = 9.25'
e_{max} = 0.051

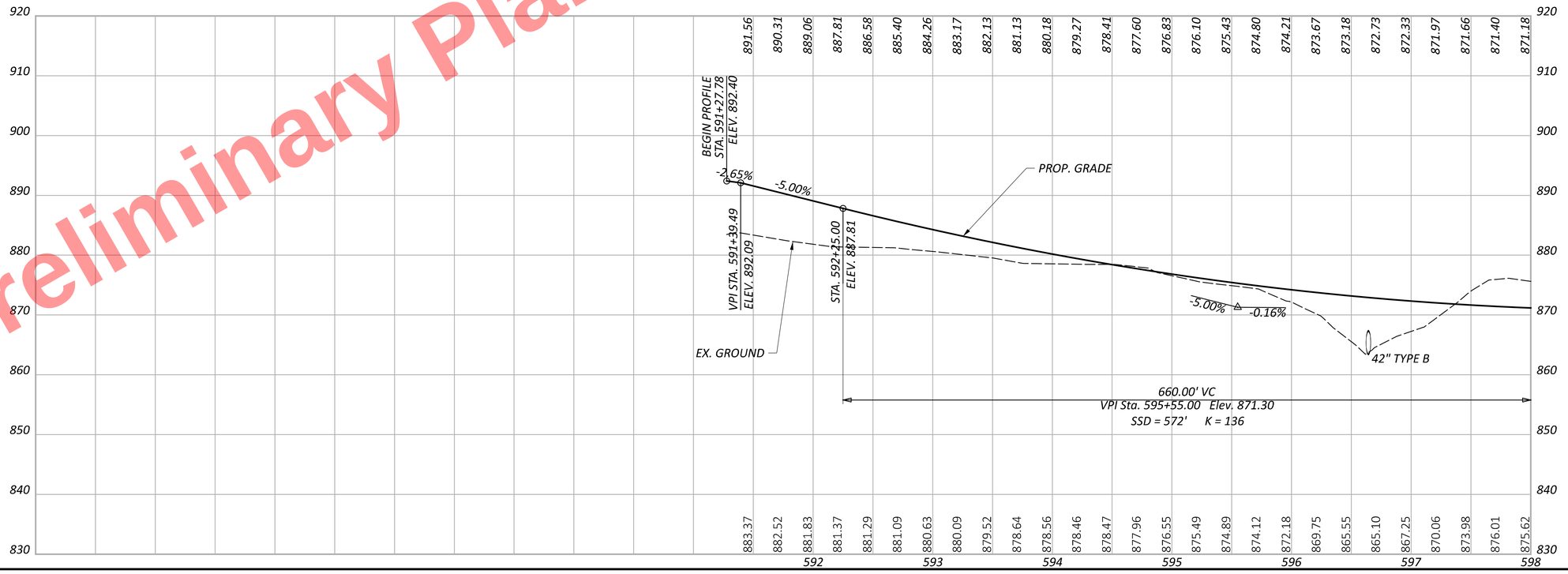
CURVE B-2
P.I. = STA. 599+69.13
Δ = 10°53'52" LT
Dc = 01°24'00"
R = 4,092.56'
T = 390.39'
L = 778.41'
E = 18.58'
e_{max} = 0.044



LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2

FOR SR 294 SHEETS SEE P.67 - P.71
FOR RAMP A SHEETS SEE P.72 - P.73
FOR INTERSECTION DETAIL SEE P.191
FOR CULVERT DETAILS SEE P.198



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - SR 294 RAMP B
STA. 591+27.29 TO STA. 598+00.00

DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St. Suite 800 Cleveland, Ohio 950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER	KRF
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET / TOTAL	P.74 / 323

WYA-23-3.47

MODEL: BLP_RB - Plan 3 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:50 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP121.dgn

CURVE B-2
P.I. = STA. 599+69.13
Δ = 10°53'52" LT
Dc = 01°24'00"
R = 4,092.56'
T = 390.39'
L = 778.41'
E = 18.58'
e_{sup} = 0.044

LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2
- WIDENED AND RECONSTRUCTED SHOULDER FOR MOT
- VARIABLE DEPTH MILL AND 3.25" RESURFACING

HORIZONTAL SCALE IN FEET
0 25 50 100

BEGIN SHOULDER TAPER
STA. 598+37.71, 6.0' LT

END SHOULDER TAPER
STA. 598+87.71, 8.0' LT

CONST. LIMITS

EX. OVERHEAD ELECTRIC

DITCH EROSION PROTECTION MAT, TYPE B
7.5' x 100' = 83 SY

PR. DM-1.1
+06.04, 74.13' LT
ELEV. 865.43

WETLAND C

WETLAND A

℄ CONST. RAMP B

℄ CONST. US 23

PT STA. 603+62.33
= STA. 203+62.33,
61.0' LT. (US 23)

MATCH LINE STA. 598+00

ST STA. 798

N47°21'45"W

U-56 B-2 U-57 E-16

R-9 R-11 R-13 R-14 R-12 R-15 R-17 R-18 R-16 R-19 GR-3 GR-4 GR-5 GR-6 R-20

Ex U, Ex LA-R/W, Ex CH, Ex OHE, LA-R/W, R/W

EX. GROUND
PROP. GRADE

VPI STA. 601+00.00 ELEV. 870.44
VPI STA. 602+00.00 ELEV. 870.20
VPI STA. 603+00.00 ELEV. 869.96
END PROFILE VPI STA. 603+62.33 ELEV. 869.86
STA. 598+85.00 ELEV. 870.78

-0.16% -0.24% -0.24% -0.15%

660.00' VC
VPI Sta. 595+55.00 Elev. 871.30
SSD = 572' K = 136

Preliminary Plans - For Reference Only

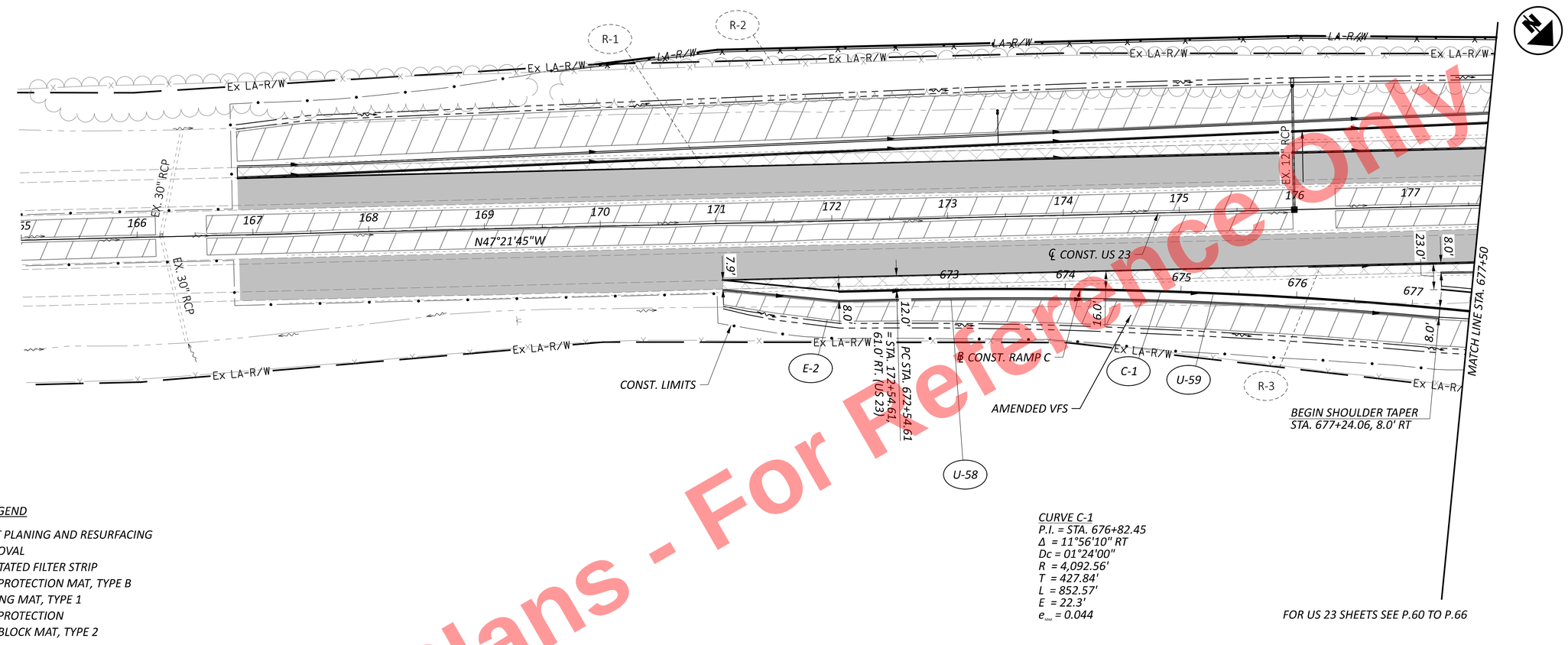
PLAN AND PROFILE - SR 294 RAMP B
STA. 598+00.00 TO STA. 603+62.33

WYA-23-3.47

MODEL: BLP_RB - Plan 4 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:11:58 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402 Engineering_EL-Robinson\Roadway\Sheets\121424_GP122.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.75 TOTAL 323



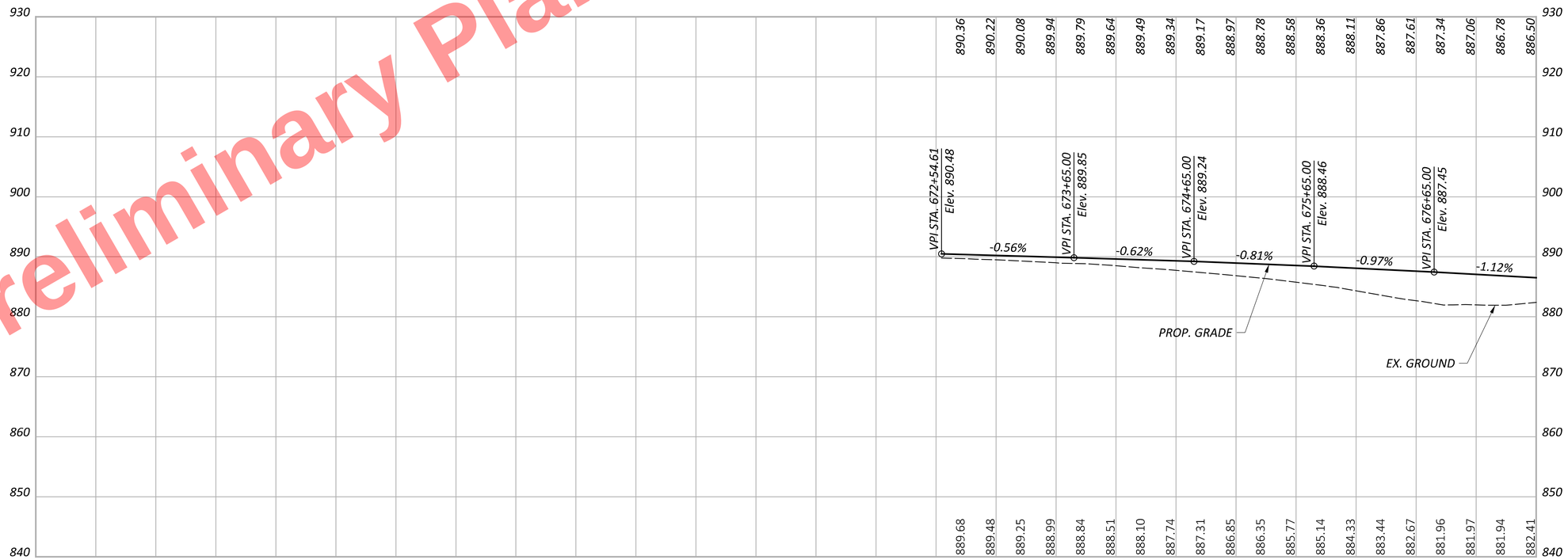
Preliminary Plans - For Reference Only

LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2

CURVE C-1
P.I. = STA. 676+82.45
Δ = 11°56'10" RT
Dc = 01°24'00"
R = 4,092.56'
T = 427.84'
L = 852.57'
E = 22.3'
e_{max} = 0.044

FOR US 23 SHEETS SEE P.60 TO P.66



HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - SR 294 RAMP C
STA. 672+54.61 TO STA. 677+50.00

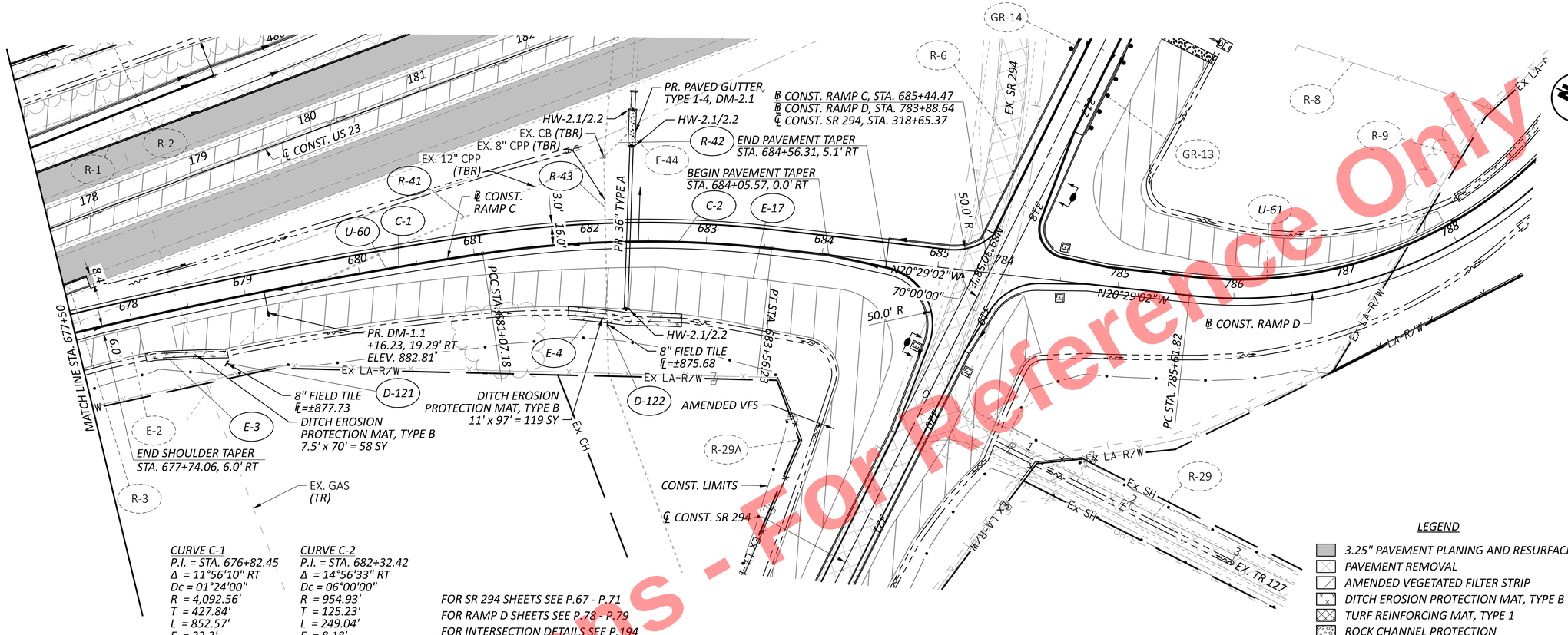
WYA-23-3.47

MODEL: BLP_RC - 50 Scale Ramp C Plan-2 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\WYandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP131.dgn
_GP131.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.76 TOTAL 323

Preliminary Plans - For Reference Only

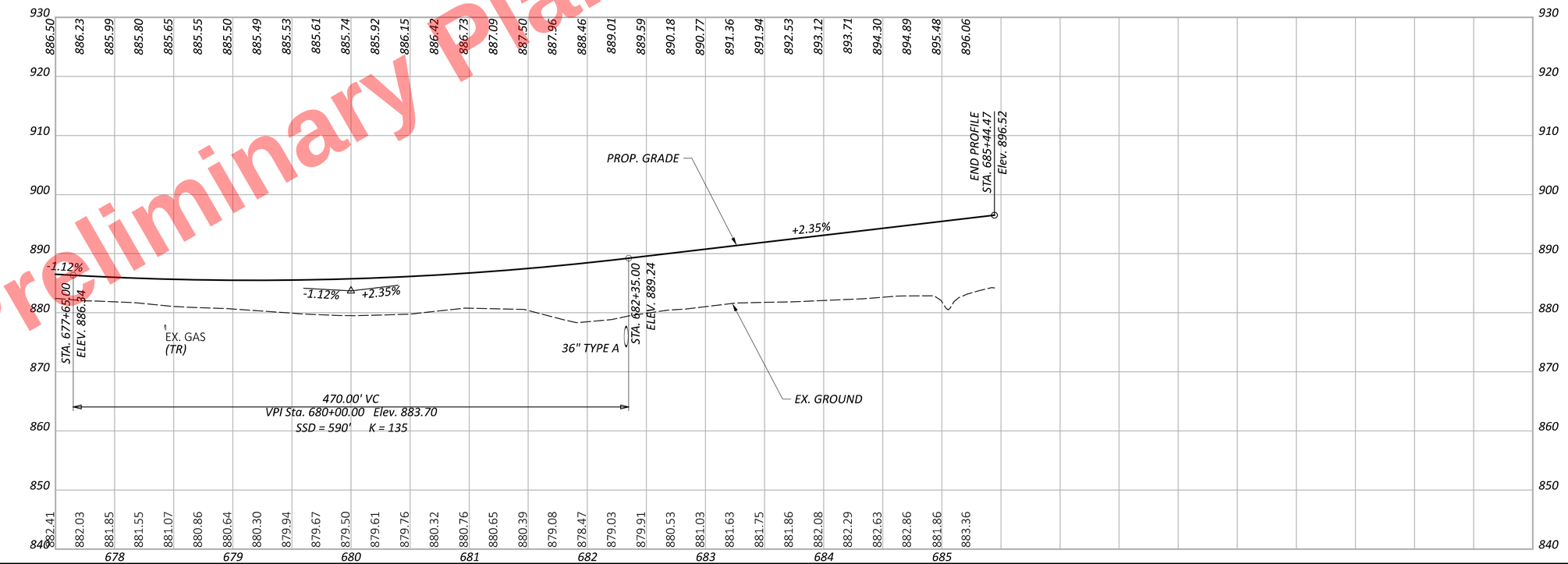


CURVE C-1
P.I. = STA. 676+82.45
Δ = 11°56'10" RT
Dc = 01°24'00"
R = 4,092.56'
T = 427.84'
L = 852.57'
E = 22.3'
e_{max} = 0.044

CURVE C-2
P.I. = STA. 682+32.42
Δ = 14°56'33" RT
Dc = 06°00'00"
R = 954.93'
T = 125.23'
L = 249.04'
E = 8.18'
e_{max} = 0.051

FOR SR 294 SHEETS SEE P.67 - P.71
FOR RAMP D SHEETS SEE P.78 - P.79
FOR INTERSECTION DETAILS SEE P.194
FOR CULVERT DETAILS SEE P.200

LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



HORIZONTAL SCALE IN FEET
0 25 50 100

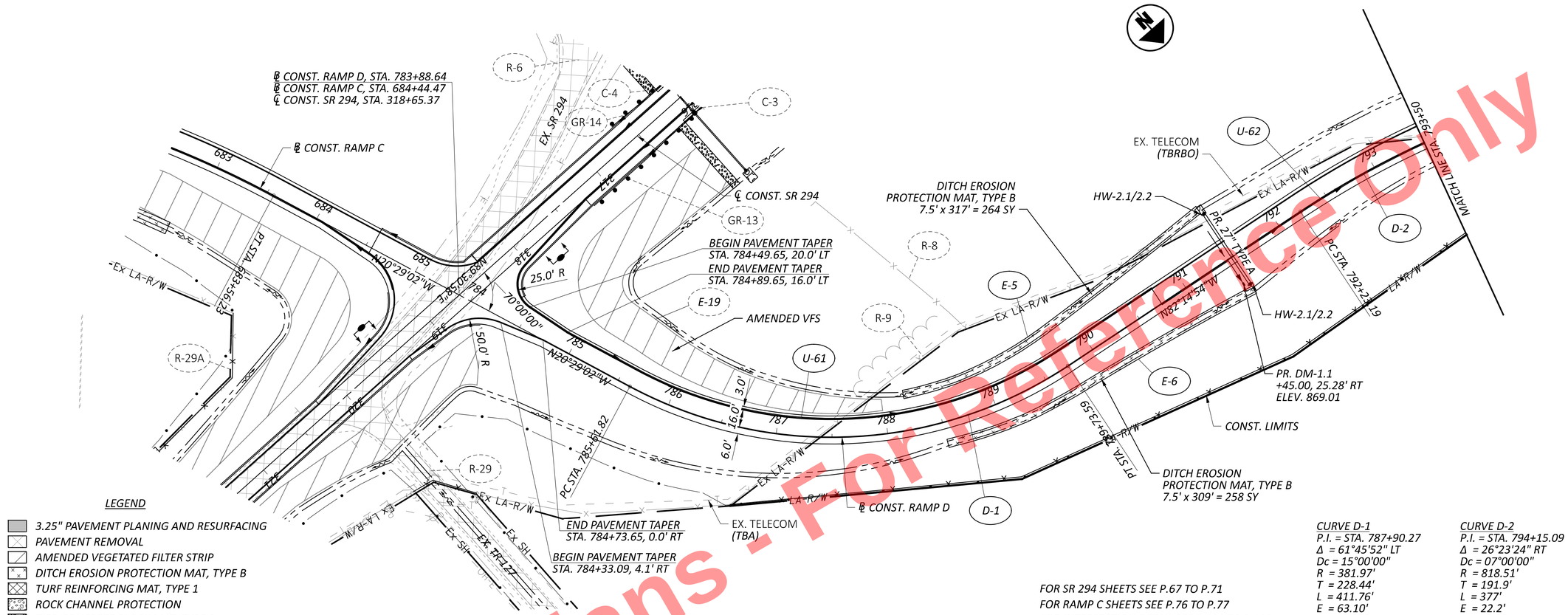
PLAN AND PROFILE - SR 294 RAMP C
STA. 677+50.00 TO STA. 685+44.47

WYA-23-3.47

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.77 TOTAL 323

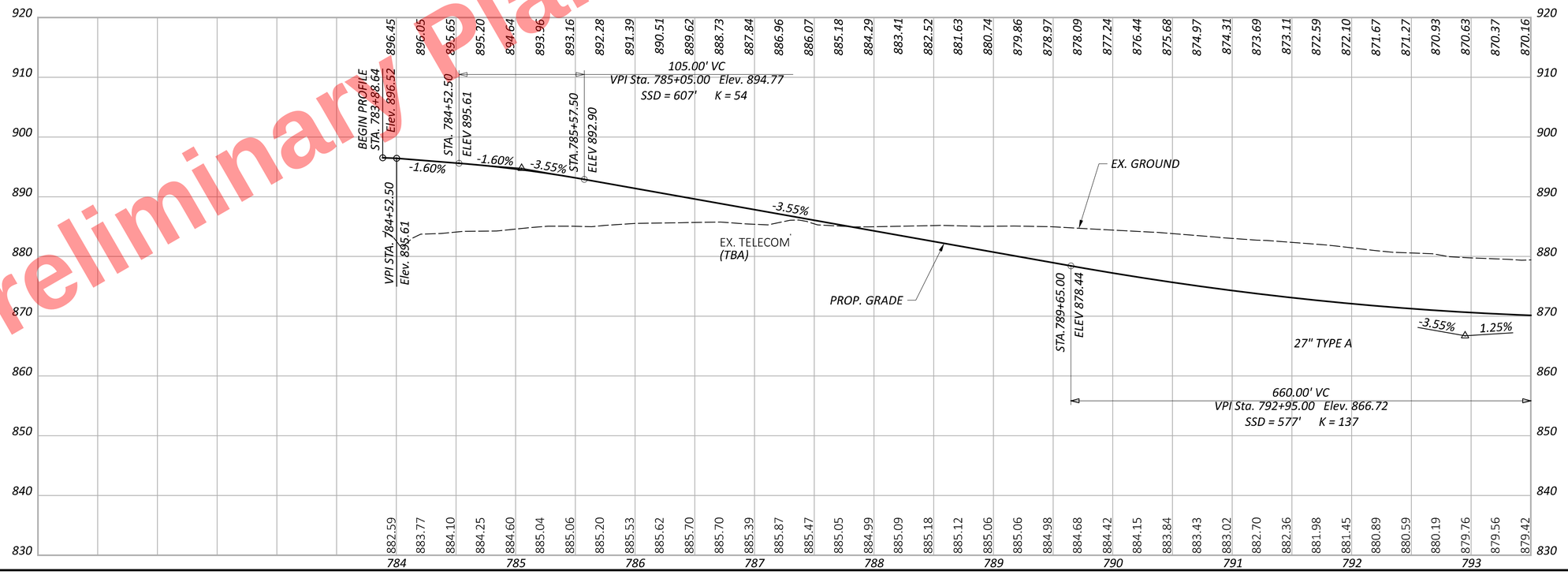
MODEL: BLP_RC - 50 Scale Ramp C Plan-3 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GP132.dgn



FOR SR 294 SHEETS SEE P.67 TO P.71
FOR RAMP C SHEETS SEE P.76 TO P.77
FOR INTERSECTION DETAIL SEE P.191 TO P.195

CURVE D-1
P.I. = STA. 787+90.27
Δ = 61°45'52" LT
Dc = 15°00'00"
R = 381.97'
T = 228.44'
L = 411.76'
E = 63.10'
e_{max} = 0.078

CURVE D-2
P.I. = STA. 794+15.09
Δ = 26°23'24" RT
Dc = 07°00'00"
R = 818.51'
T = 191.9'
L = 377'
E = 22.2'
e_{max} = 0.08



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

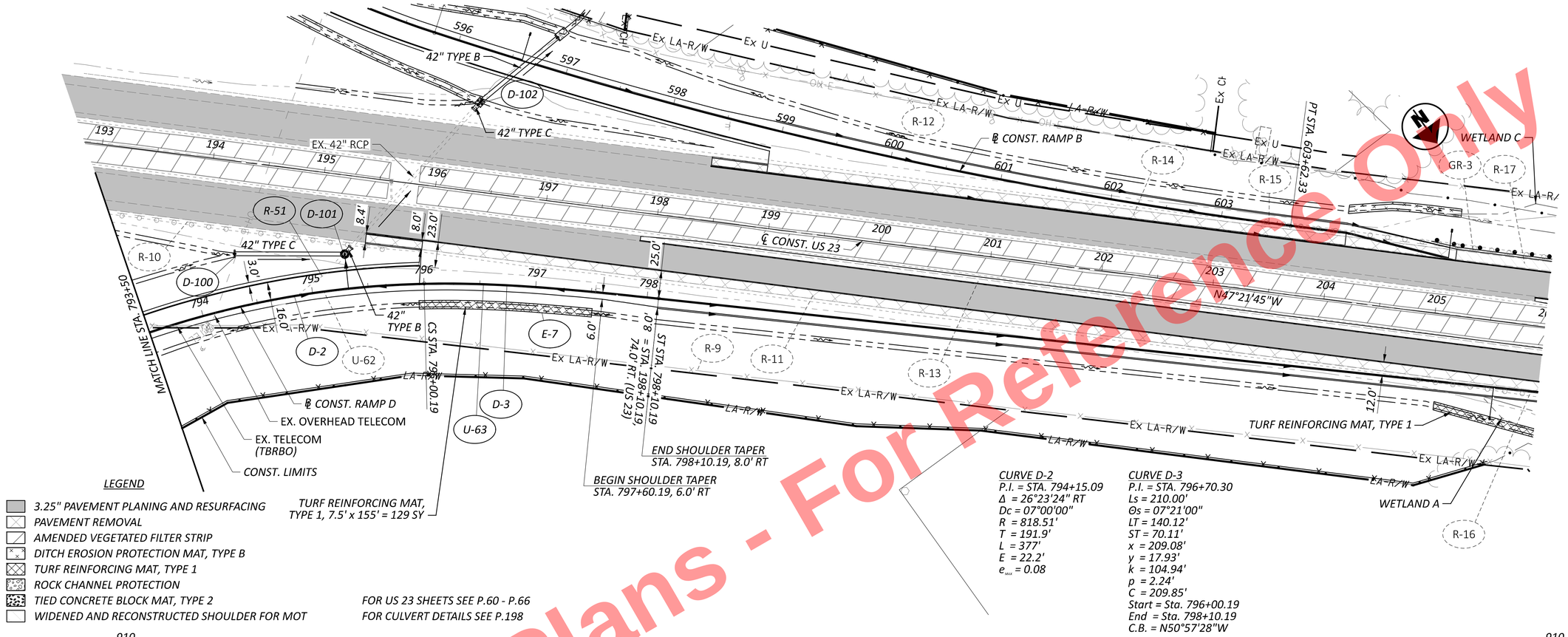
PLAN AND PROFILE - SR 294 RAMP D
STA. 783+88.64 TO STA. 793+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.78 TOTAL 323

WYA-23-3.47

MODEL: BLP_RD - 50 Scale Ramp D Plan PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:18 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP141.dgn



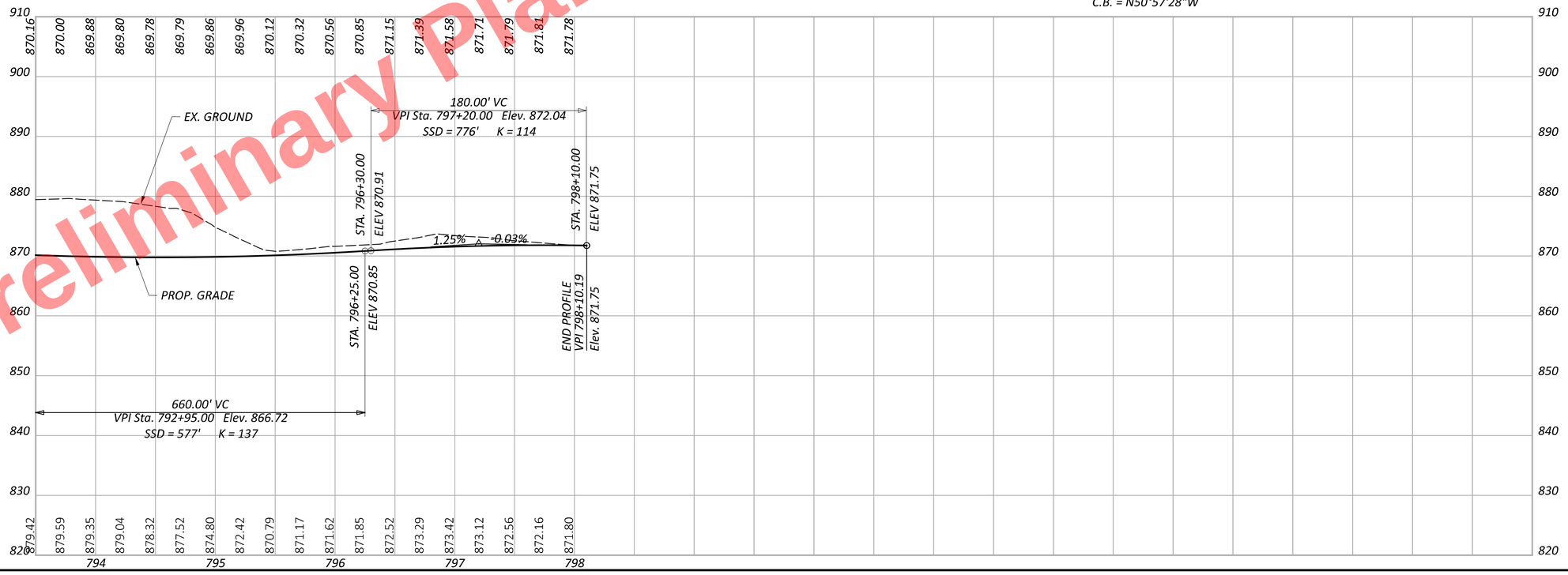
LEGEND

- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2
- WIDENED AND RECONSTRUCTED SHOULDER FOR MOT

FOR US 23 SHEETS SEE P.60 - P.66
FOR CULVERT DETAILS SEE P.198

CURVE D-2
P.I. = STA. 794+15.09
Δ = 26°23'24" RT
Dc = 07°00'00"
R = 818.51'
T = 191.9'
L = 377'
E = 22.2'
e_{max} = 0.08

CURVE D-3
P.I. = STA. 796+70.30
Ls = 210.00'
Θs = 07°21'00"
LT = 140.12'
ST = 70.11'
x = 209.08'
y = 17.93'
k = 104.94'
p = 2.24'
C = 209.85'
Start = Sta. 796+00.19
End = Sta. 798+10.19
C.B. = N50°57'28"W



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

PLAN AND PROFILE - SR 294 RAMP D
STA. 793+50.00 TO STA. 798+10.19

WYA-23-3.47

MODEL: BLP_RD - 50 Scale Ramp D Plan-1 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:25 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GP142.dgn
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

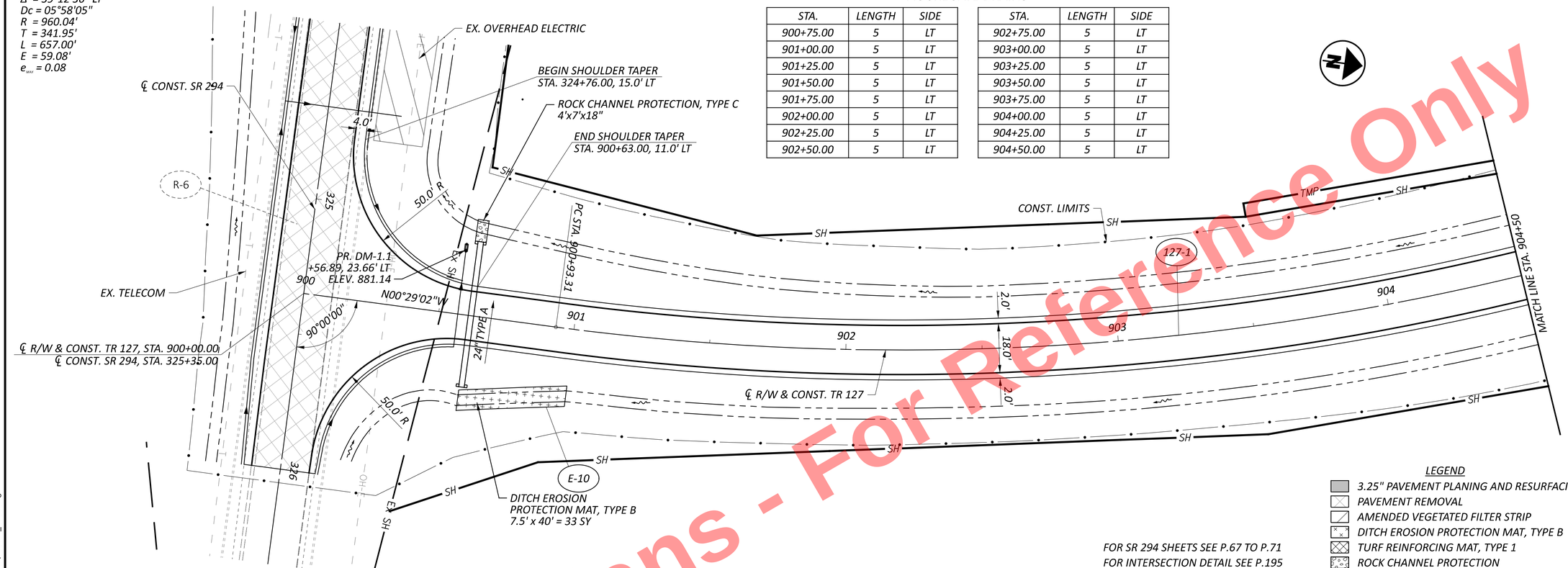
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.79 TOTAL 323

CURVE 127-1
P.I. = STA. 904+35.27
Δ = 39°12'36" LT
Dc = 05°58'05"
R = 960.04'
T = 341.95'
L = 657.00'
E = 59.08'
e_{max} = 0.08

AGGREGATE DRAINS

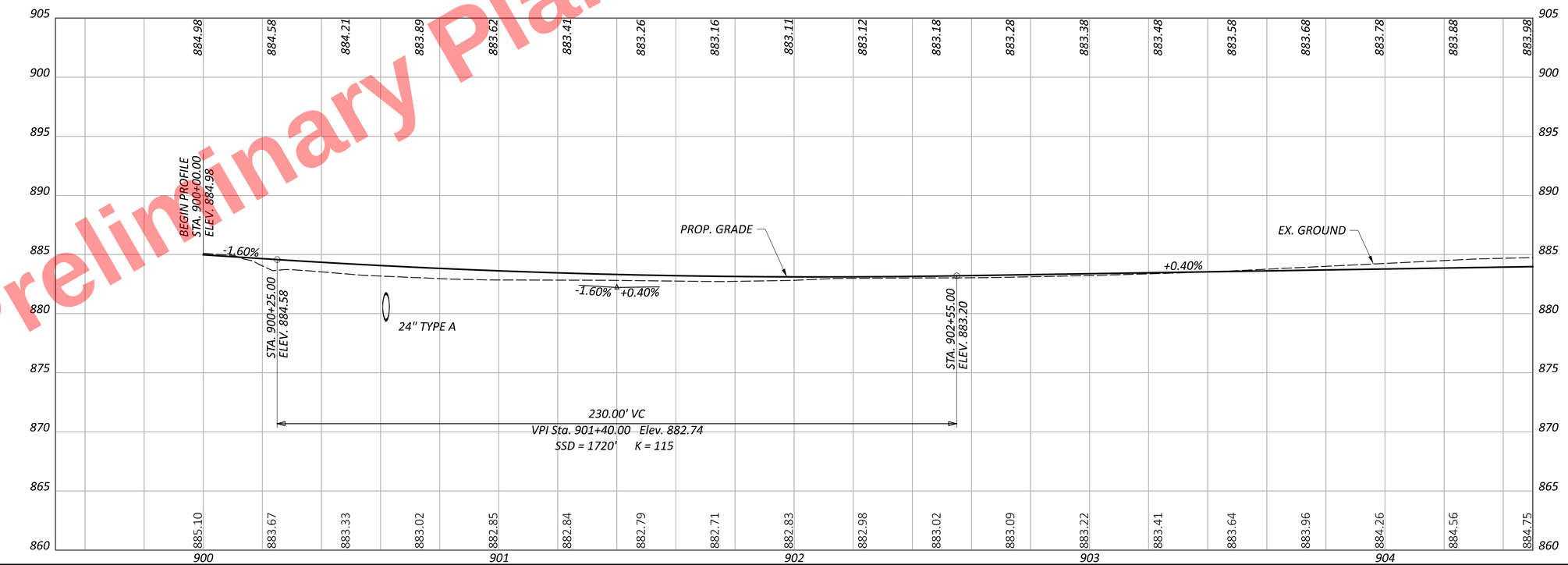
STA.	LENGTH	SIDE
900+75.00	5	LT
901+00.00	5	LT
901+25.00	5	LT
901+50.00	5	LT
901+75.00	5	LT
902+00.00	5	LT
902+25.00	5	LT
902+50.00	5	LT

STA.	LENGTH	SIDE
902+75.00	5	LT
903+00.00	5	LT
903+25.00	5	LT
903+50.00	5	LT
903+75.00	5	LT
904+00.00	5	LT
904+25.00	5	LT
904+50.00	5	LT



FOR SR 294 SHEETS SEE P.67 TO P.71
FOR INTERSECTION DETAIL SEE P.195
FOR CULVERT DETAILS SEE P.202

LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - TR 127
STA. 900+00.00 TO STA. 904+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.80 TOTAL 323

WVA-23-3.47

MODEL: 121424_GP201 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WVA-23.tbl USER: WORKSPACE: C pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_GP201.dgn

Preliminary Plans - For Reference Only

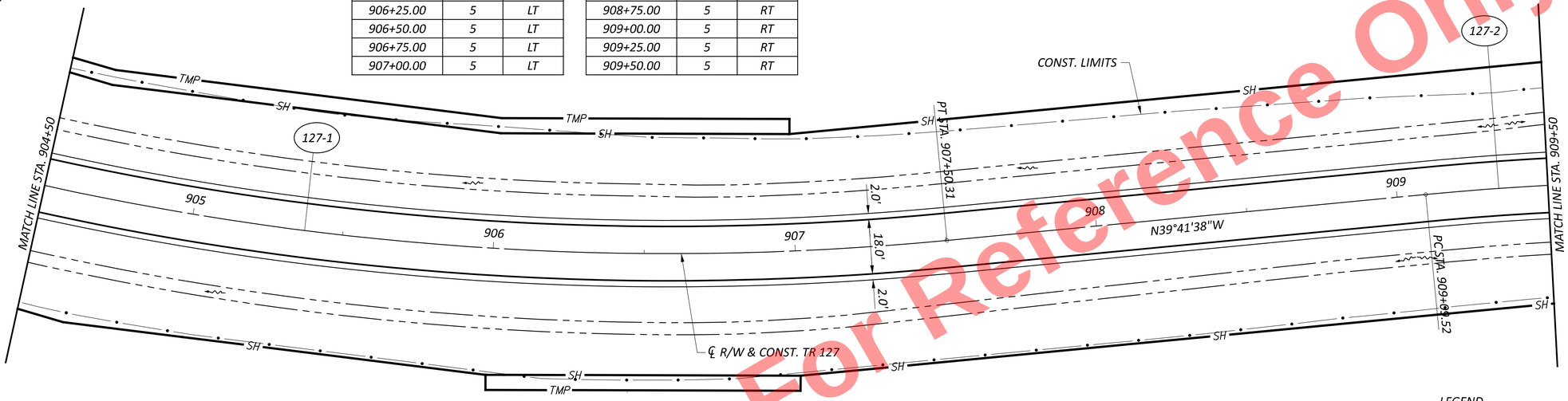
CURVE 127-1
P.I. = STA. 904+35.27
Δ = 39°12'36" LT
Dc = 05°58'05"
R = 960.04'
T = 341.95'
L = 657.00'
E = 59.08'
e_{max} *= 0.08*

CURVE 127-2
P.I. = STA. 912+55.43
Δ = 39°37'44" RT
Dc = 05°58'05"
R = 960.04'
T = 345.91'
L = 664.02'
E = 60.42'
e_{max} *= 0.08*

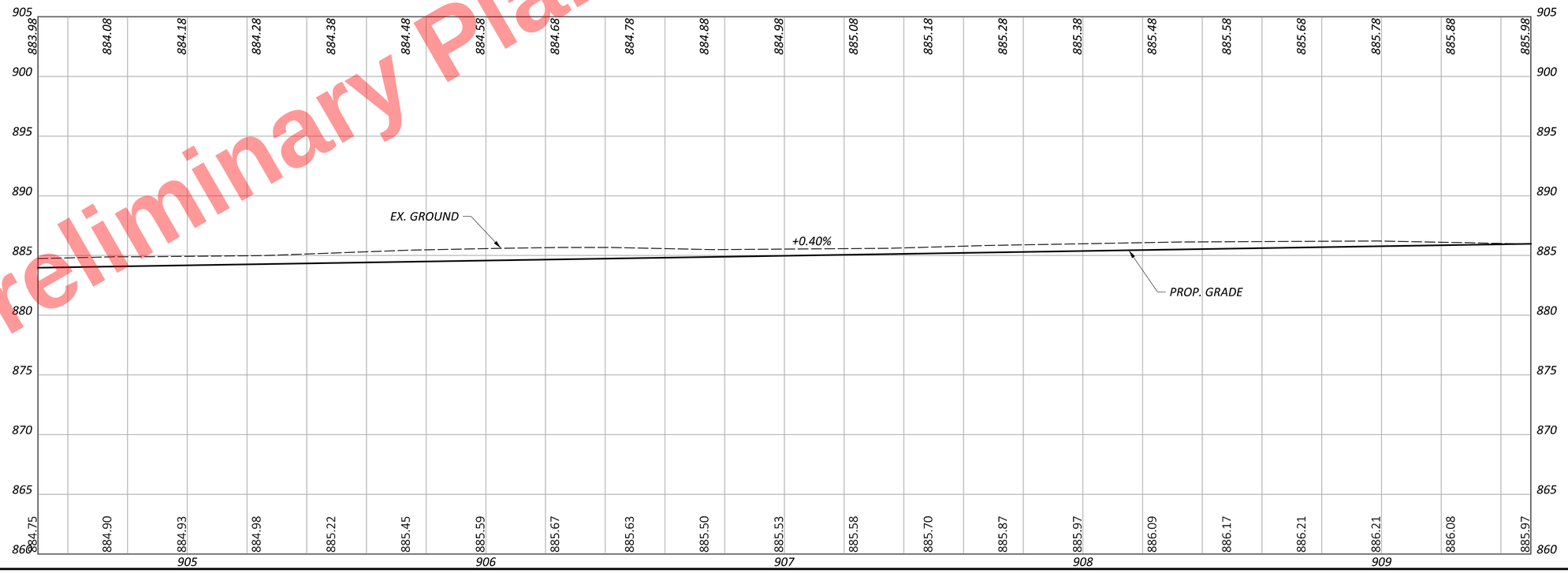
AGGREGATE DRAINS

STA.	LENGTH	SIDE
904+75.00	5	LT
905+00.00	5	LT
905+25.00	5	LT
905+50.00	5	LT
905+75.00	5	LT
906+00.00	5	LT
906+25.00	5	LT
906+50.00	5	LT
906+75.00	5	LT
907+00.00	5	LT

STA.	LENGTH	SIDE
907+25.00	5	LT
907+50.00	5	LT
907+75.00	5	LT
908+00.00	5	LT
908+25.00	5	LT
908+50.00	5	RT
908+75.00	5	RT
909+00.00	5	RT
909+25.00	5	RT
909+50.00	5	RT



LEGEND
- *3.25" PAVEMENT PLANING AND RESURFACING*
- *PAVEMENT REMOVAL*
- *AMENDED VEGETATED FILTER STRIP*
- *DITCH EROSION PROTECTION MAT, TYPE B*
- *TURF REINFORCING MAT, TYPE 1*
- *ROCK CHANNEL PROTECTION*
- *TIED CONCRETE BLOCK MAT, TYPE 2*



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - TR 127
STA. 904+50.00 TO STA. 909+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.81 TOTAL 323

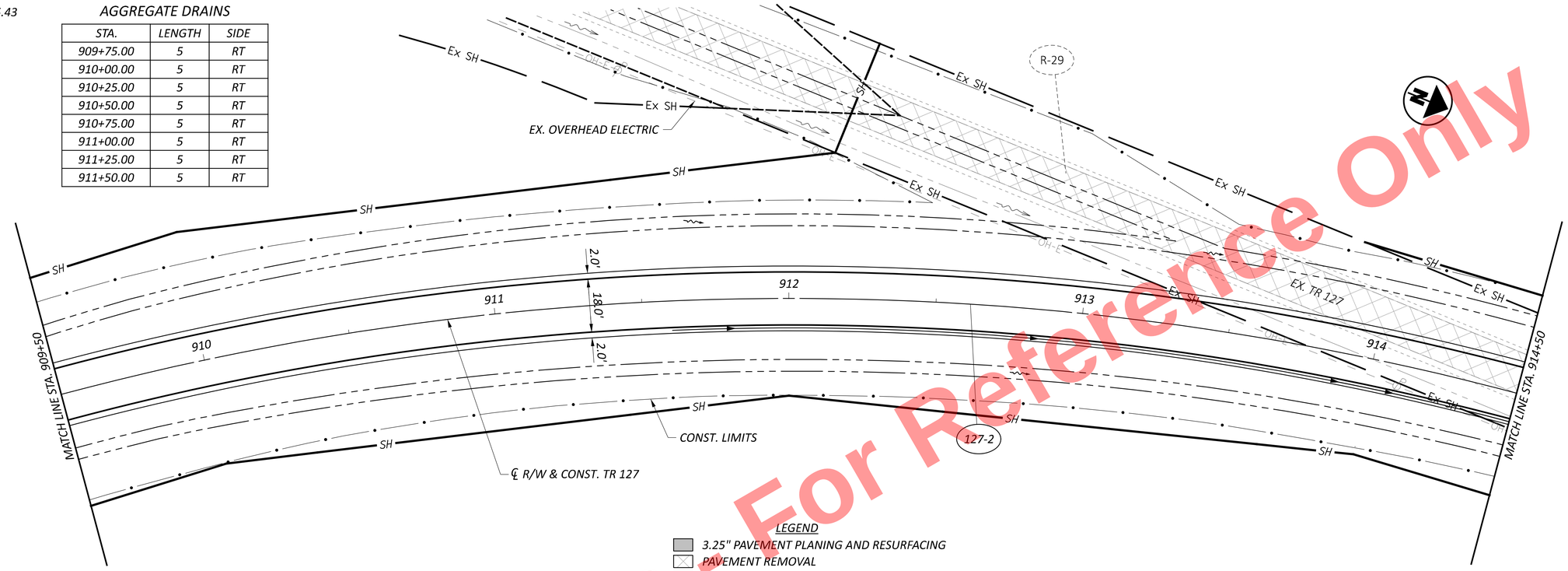
WYA-23-3.47

MODEL: 121424_GP202 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:39 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP202.dgn

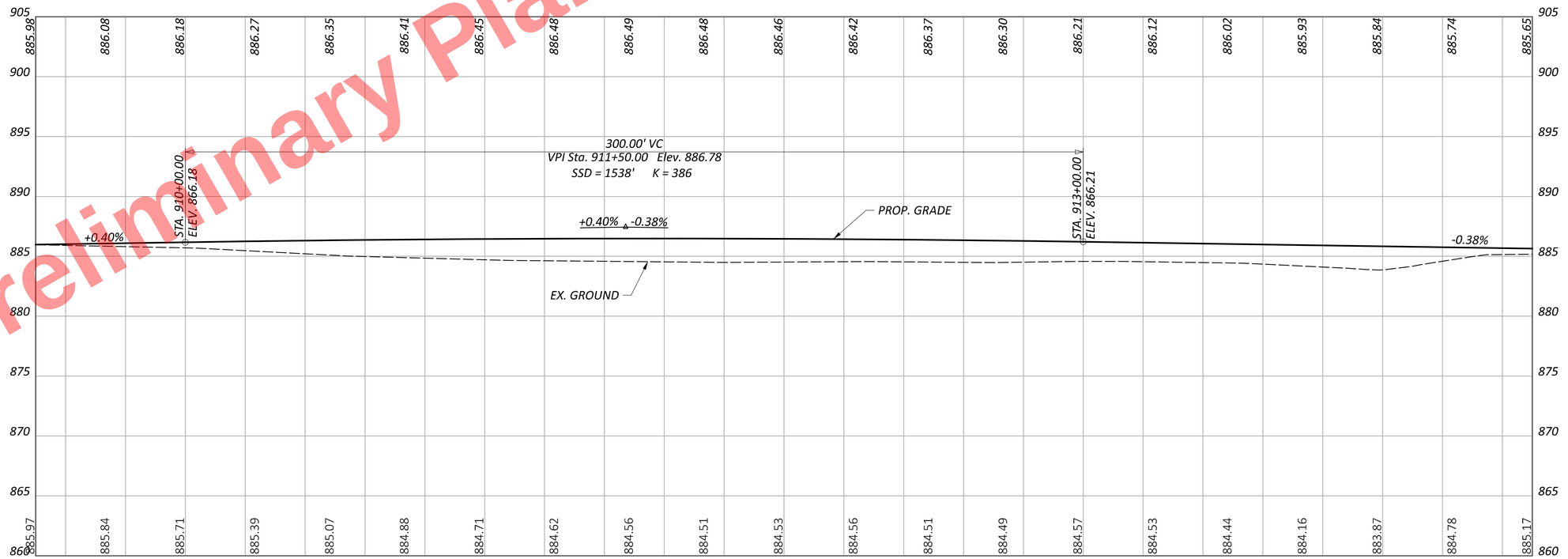
CURVE 127-2
P.I. = STA. 912+55.43
Δ = 39°37'44" RT
Dc = 05°58'05"
R = 960.04'
T = 345.91'
L = 664.02'
E = 60.42'
e_{MAX} = 0.08

AGGREGATE DRAINS

STA.	LENGTH	SIDE
909+75.00	5	RT
910+00.00	5	RT
910+25.00	5	RT
910+50.00	5	RT
910+75.00	5	RT
911+00.00	5	RT
911+25.00	5	RT
911+50.00	5	RT



LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - TR 127
STA. 909+50.00 TO STA. 914+50.00

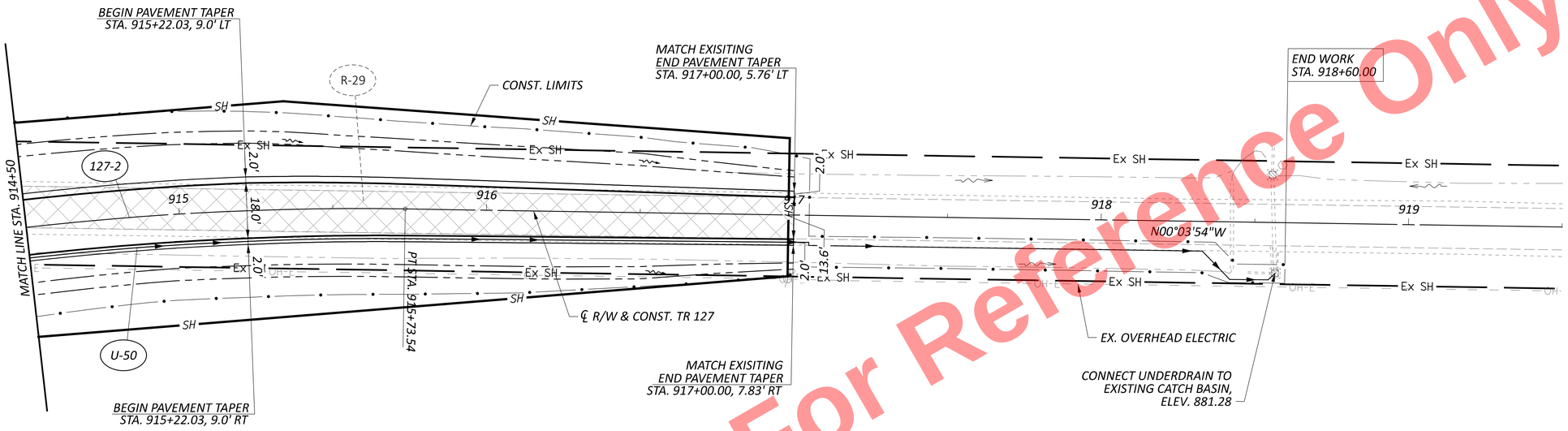
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.82 TOTAL 323

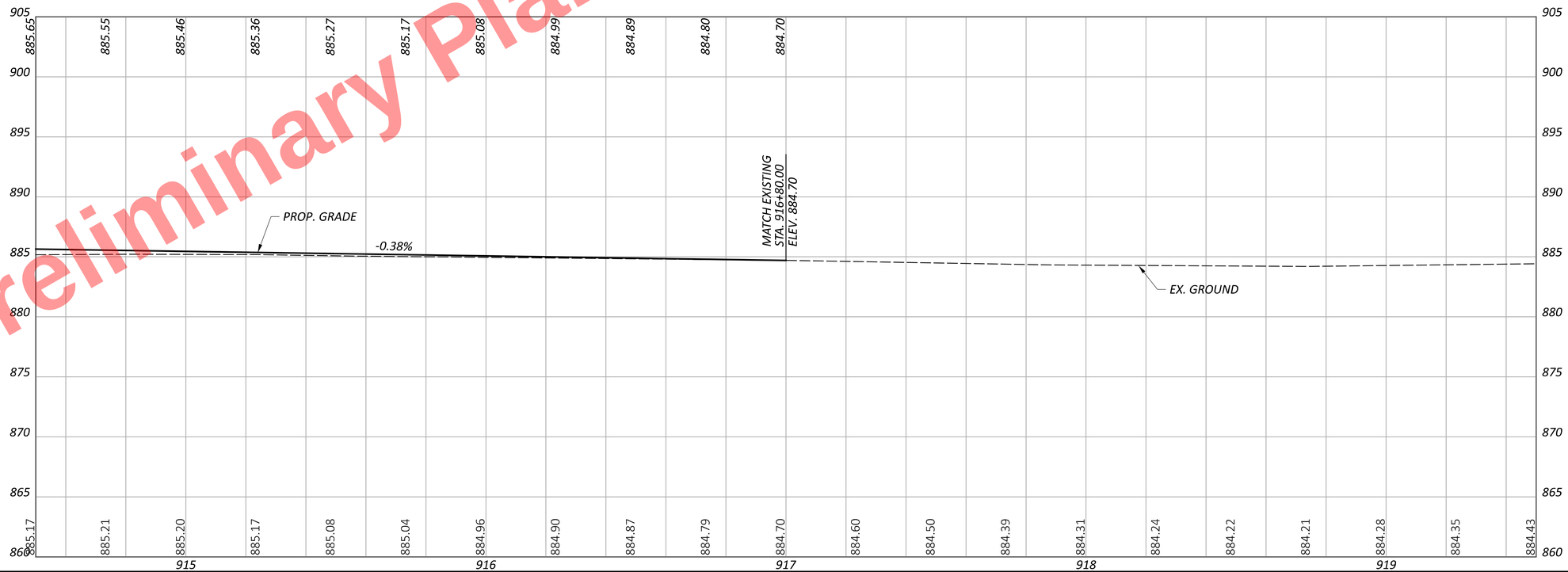
WYA-23-3.47

MODEL: 121424_GP203 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP203.dgn

CURVE 127-2
P.I. = STA. 912+55.43
Δ = 39°37'44" RT
Dc = 05°58'05"
R = 960.04'
T = 345.91'
L = 664.02'
E = 60.42'
e_{MAX} = 0.08



LEGEND
- 3.25" PAVEMENT PLANING AND RESURFACING
- PAVEMENT REMOVAL
- AMENDED VEGETATED FILTER STRIP
- DITCH EROSION PROTECTION MAT, TYPE B
- TURF REINFORCING MAT, TYPE 1
- ROCK CHANNEL PROTECTION
- TIED CONCRETE BLOCK MAT, TYPE 2



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - TR 127
STA. 914+50.00 TO END WORK

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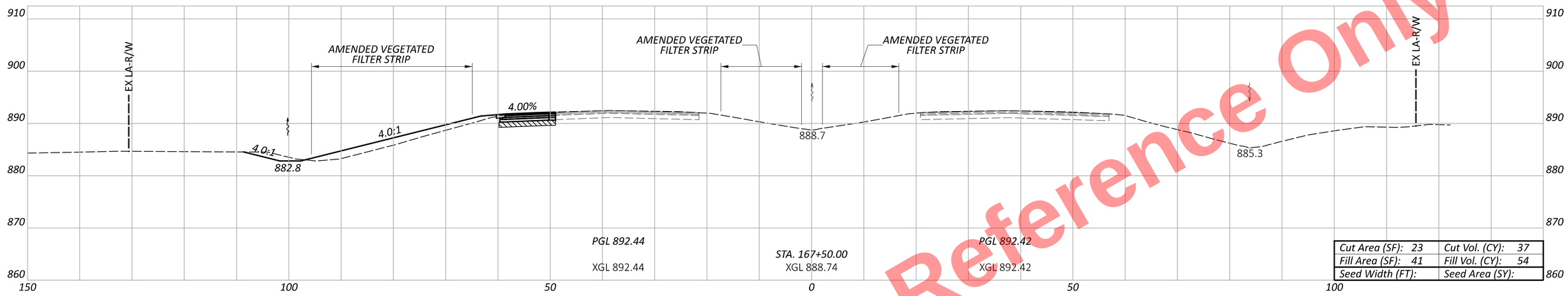
DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.83 TOTAL 323

WYA-23-3.47

MODEL: 121424_GP204 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:12:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GP204.dgn

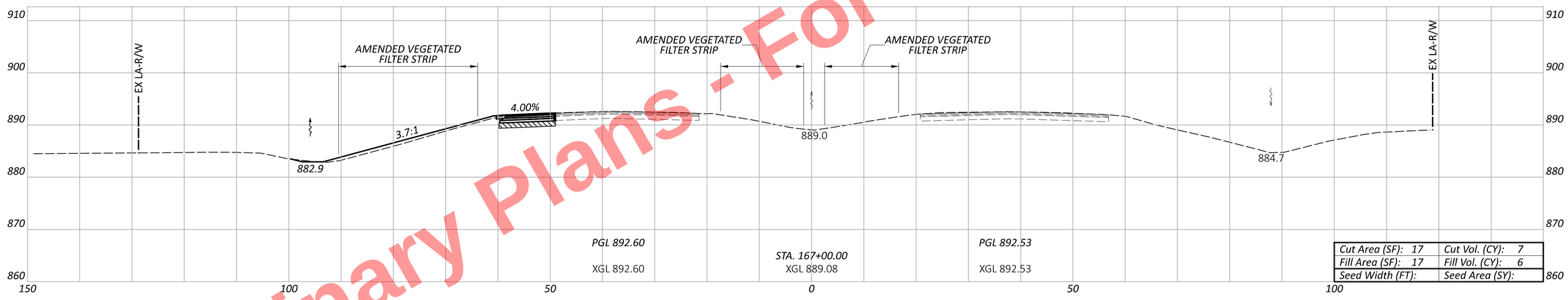


PGL 892.44
XGL 892.44

STA. 167+50.00
XGL 888.74

PGL 892.42
XGL 892.42

Cut Area (SF): 23	Cut Vol. (CY): 37
Fill Area (SF): 41	Fill Vol. (CY): 54
Seed Width (FT):	Seed Area (SY):

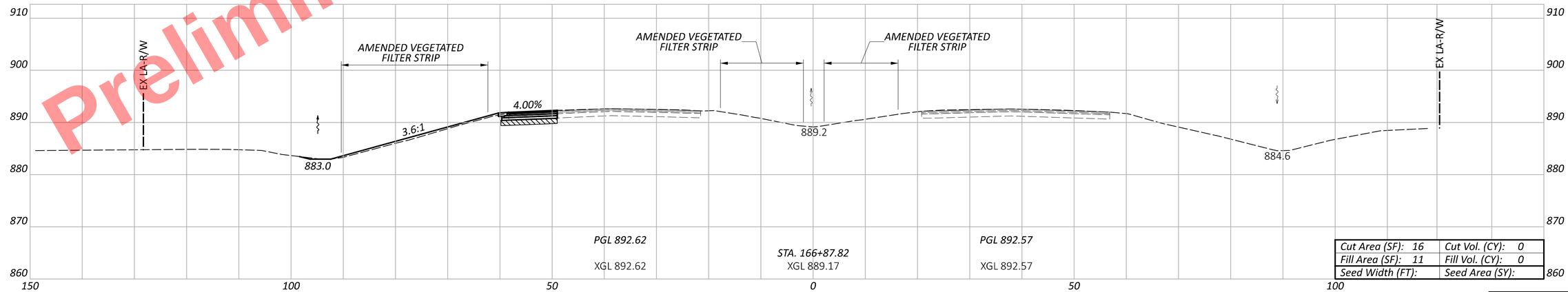


PGL 892.60
XGL 892.60

STA. 167+00.00
XGL 889.08

PGL 892.53
XGL 892.53

Cut Area (SF): 17	Cut Vol. (CY): 7
Fill Area (SF): 17	Fill Vol. (CY): 6
Seed Width (FT):	Seed Area (SY):



PGL 892.62
XGL 892.62

STA. 166+87.82
XGL 889.17

PGL 892.57
XGL 892.57

Cut Area (SF): 16	Cut Vol. (CY): 0
Fill Area (SF): 11	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	44	60

Preliminary Plans - For Reference Only

CROSS SECTIONS - US 23
STA. 166+87.82 TO STA. 167+50.00

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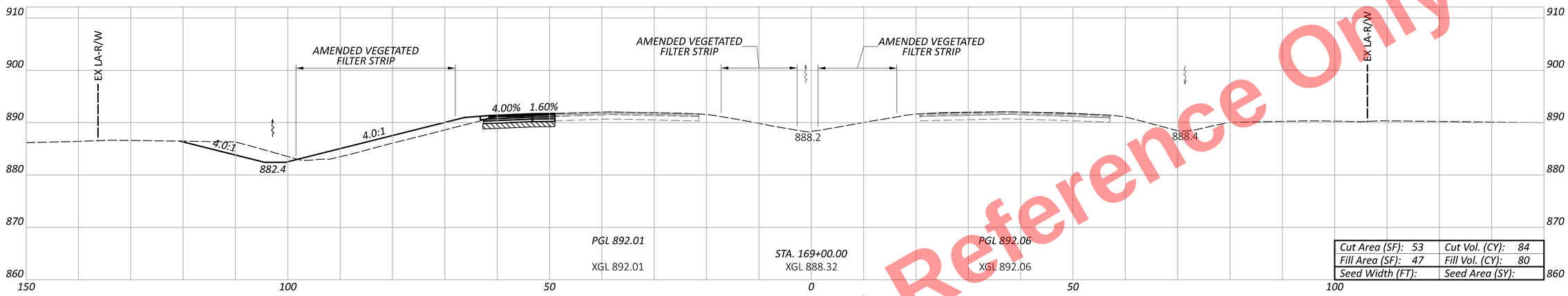
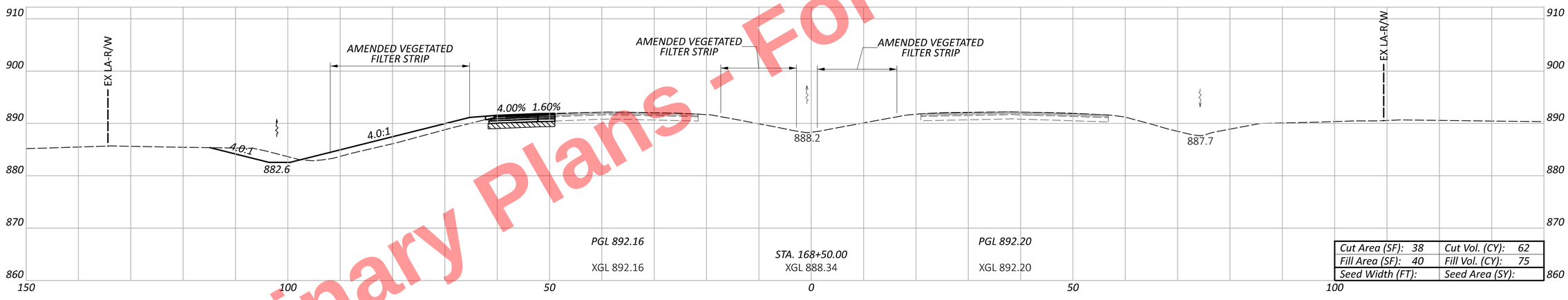
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.84
TOTAL 323

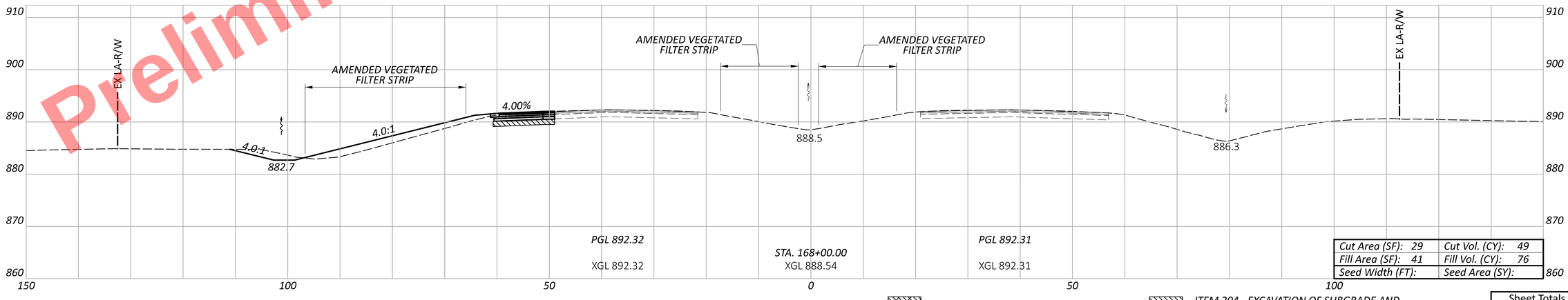
WYA-23-3.47

MODEL: CLP_US24 - 166+87.82 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:38:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

Preliminary Plans - For Reference Only







ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	195	231

CROSS SECTIONS - US 23
STA. 168+00.00 TO STA. 169+00.00

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DESIGNER JNL

REVIEWER ACF 02/13/26

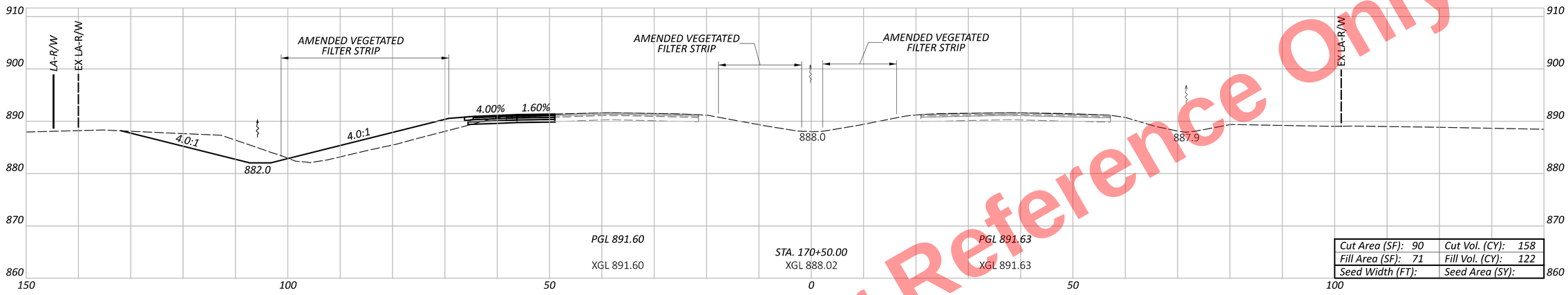
PROJECT ID 121424

SHEET P.85 TOTAL 323

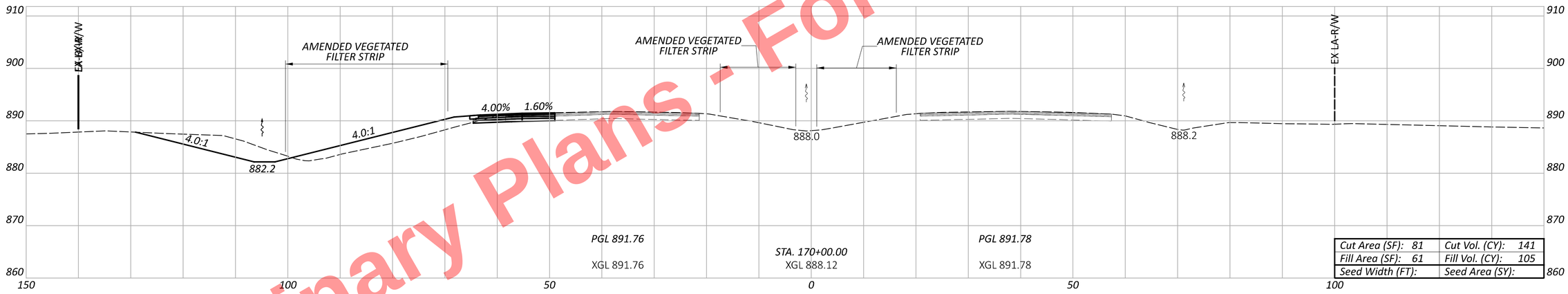
WYA-23-3.47

MODEL: CLP_US24 - 168+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:38:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

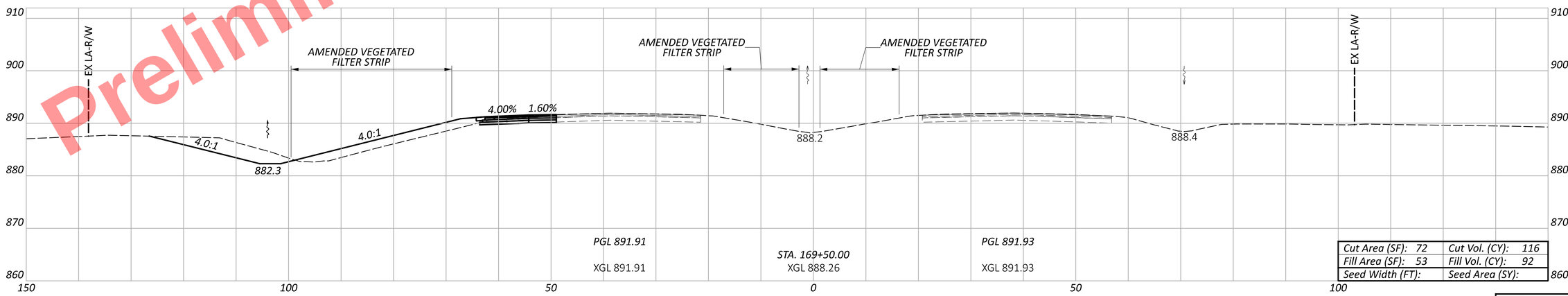
Preliminary Plans - For Reference Only



Cut Area (SF): 90	Cut Vol. (CY): 158
Fill Area (SF): 71	Fill Vol. (CY): 122
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 81	Cut Vol. (CY): 141
Fill Area (SF): 61	Fill Vol. (CY): 105
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 72	Cut Vol. (CY): 116
Fill Area (SF): 53	Fill Vol. (CY): 92
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	415	319

CROSS SECTIONS - US 23
STA. 169+50.00 TO STA. 170+50.00

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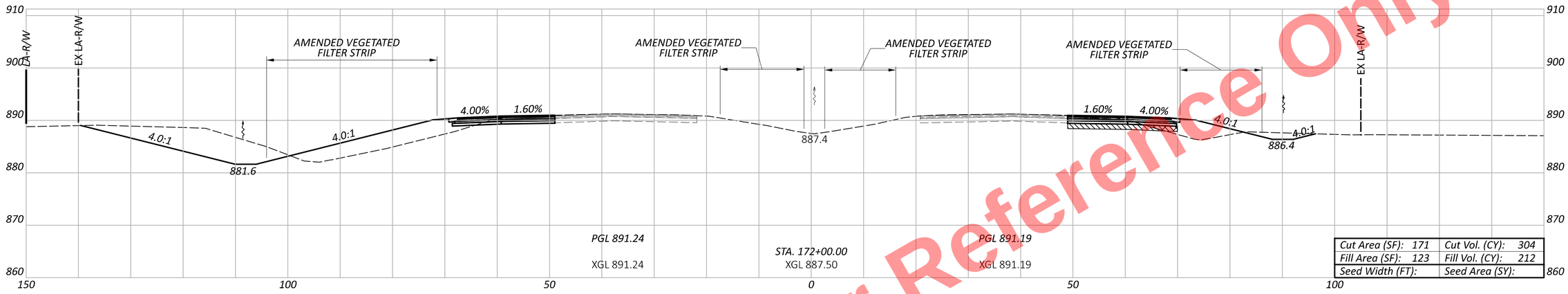
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.86 TOTAL 323

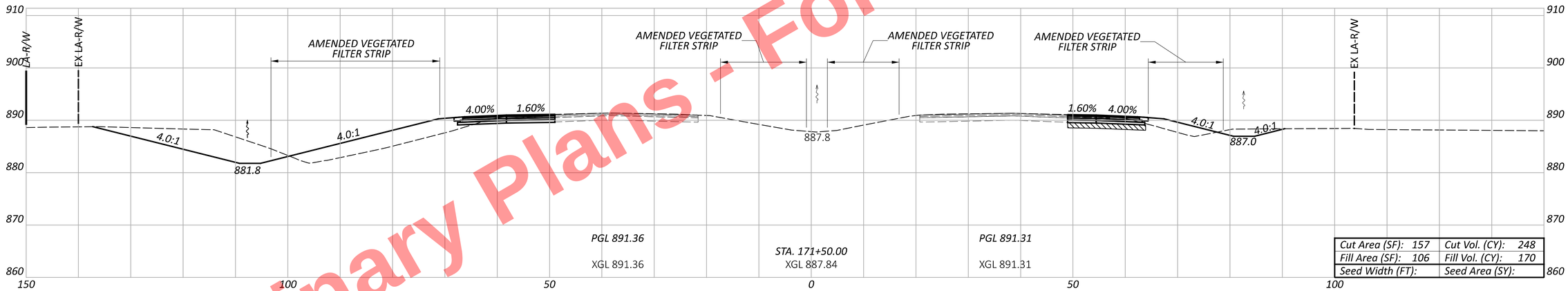
WYA-23-3.47

MODEL: CLP_US24 - 169+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:39:07 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

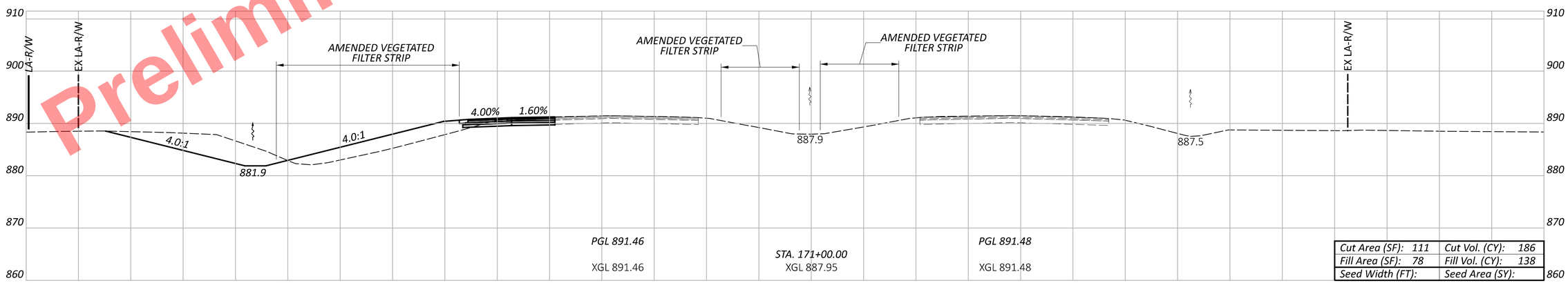
Preliminary Plans - For Reference Only



Cut Area (SF): 171	Cut Vol. (CY): 304
Fill Area (SF): 123	Fill Vol. (CY): 212
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 157	Cut Vol. (CY): 248
Fill Area (SF): 106	Fill Vol. (CY): 170
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 111	Cut Vol. (CY): 186
Fill Area (SF): 78	Fill Vol. (CY): 138
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C *SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	737	520

CROSS SECTIONS - US 23
STA. 171+00.00 TO STA. 172+00.00

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DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

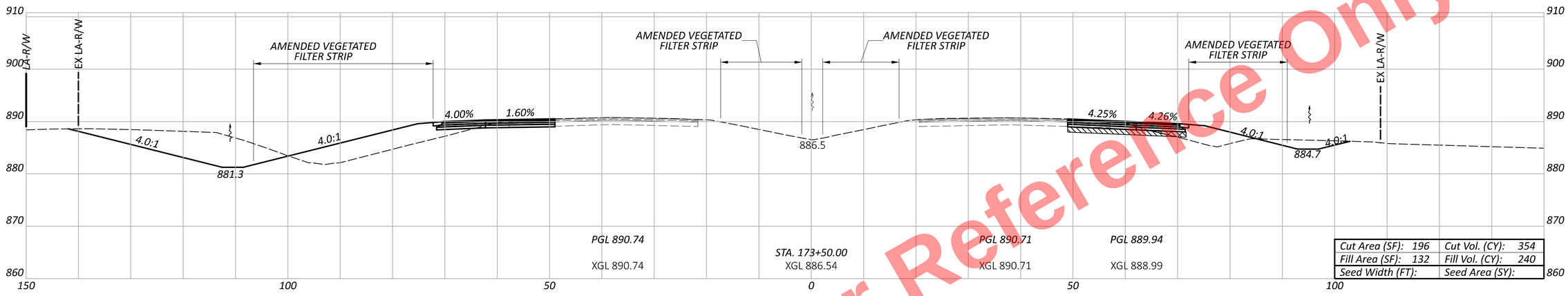
SHEET P.87 TOTAL 323

WYA-23-3.47

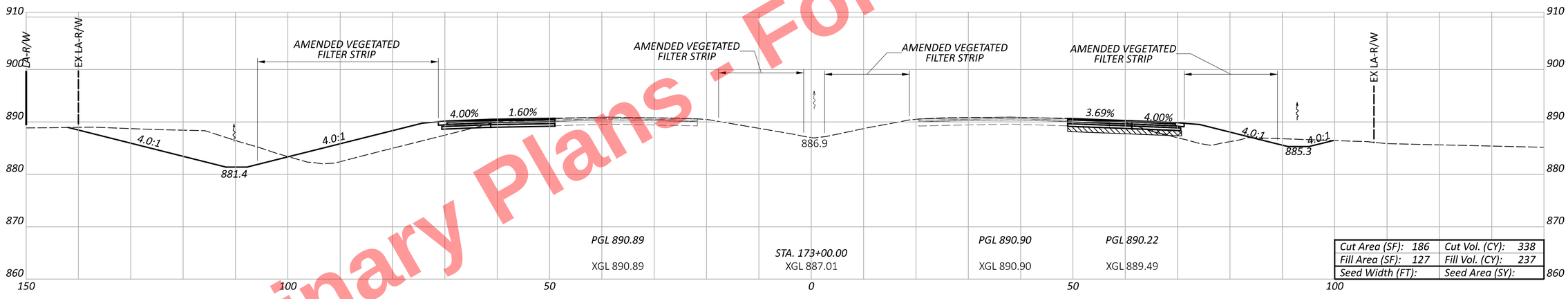
MODEL: CLP_US24 - 171+00.00 {Sheet} PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:39:19 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

MODEL: CLP_US24 - 172+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:39:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

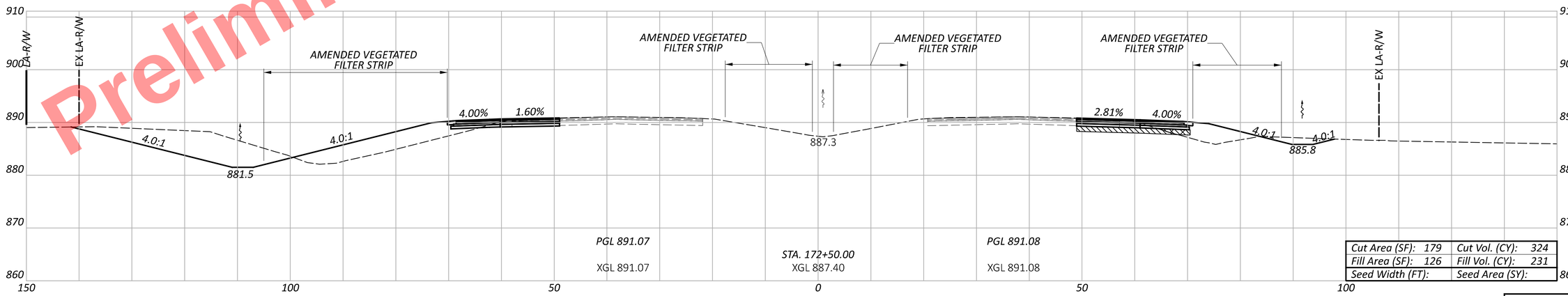
WYA-23-3.47



Cut Area (SF):	196	Cut Vol. (CY):	354
Fill Area (SF):	132	Fill Vol. (CY):	240
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	186	Cut Vol. (CY):	338
Fill Area (SF):	127	Fill Vol. (CY):	237
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	179	Cut Vol. (CY):	324
Fill Area (SF):	126	Fill Vol. (CY):	231
Seed Width (FT):		Seed Area (SY):	

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1011	705

Preliminary Plans - For Reference Only

CROSS SECTIONS - US 23
STA. 172+50.00 TO STA. 173+50.00

DESIGN AGENCY
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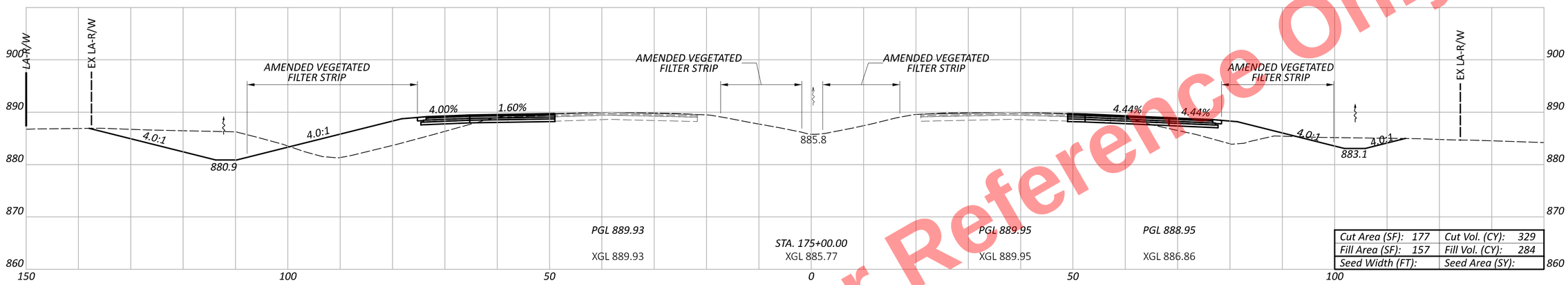
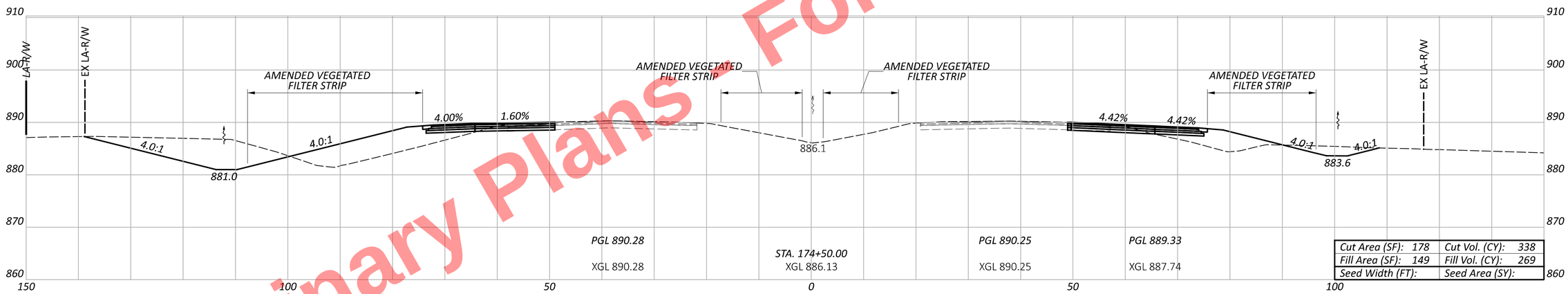
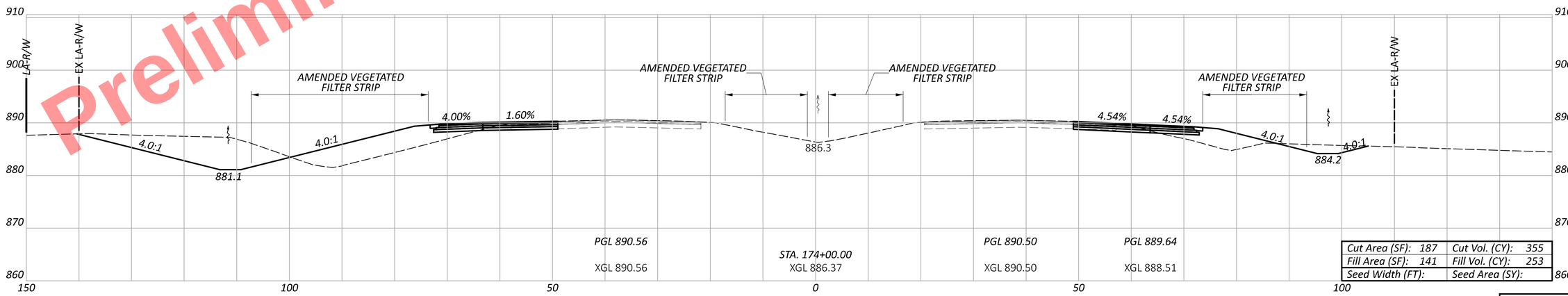
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.88
TOTAL: 323







Preliminary Plans - For Reference Only

CROSS SECTIONS - US 23
STA. 174+00.00 TO STA. 175+00.00

Sheet Totals		
Seeding	Cut	Fill
	1022	806

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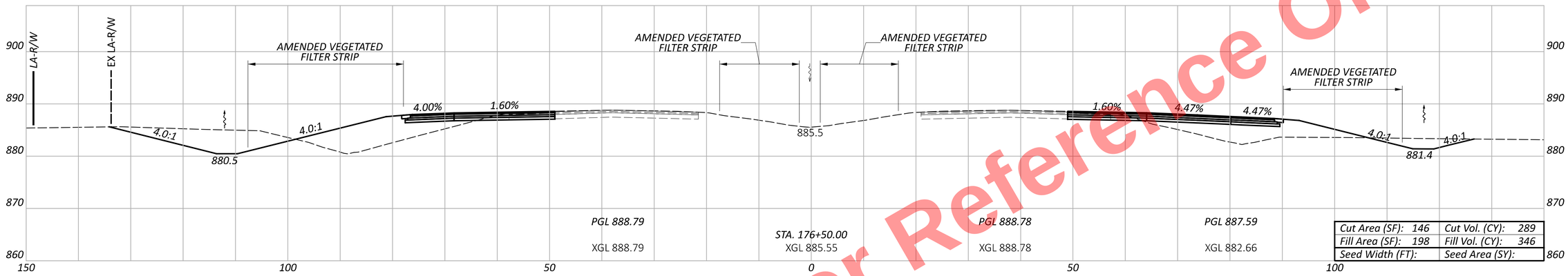
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.89 TOTAL 323

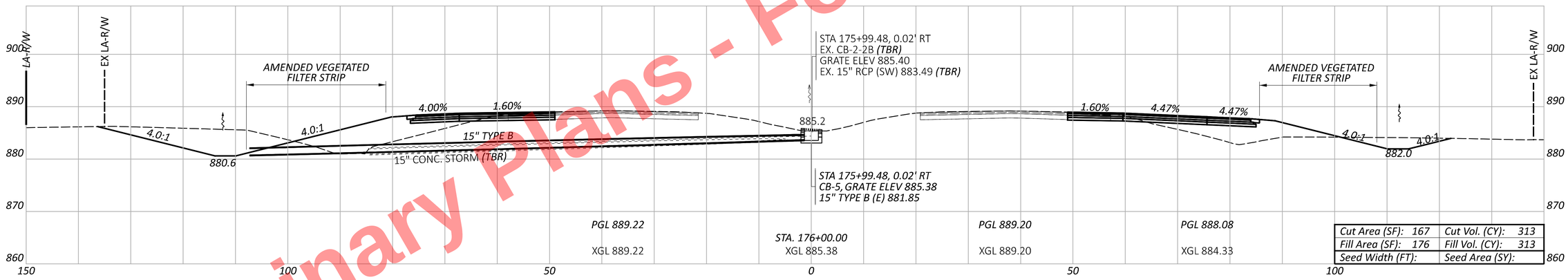
WYA-23-3.47

MODEL: CLP_US24 - 174+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:39:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

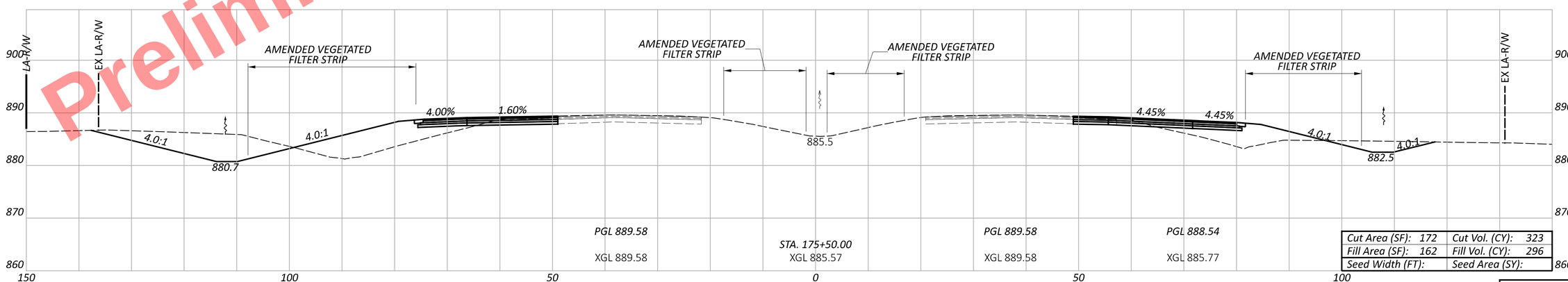
Preliminary Plans - For Reference Only



Cut Area (SF): 146	Cut Vol. (CY): 289
Fill Area (SF): 198	Fill Vol. (CY): 346
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 167	Cut Vol. (CY): 313
Fill Area (SF): 176	Fill Vol. (CY): 313
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 172	Cut Vol. (CY): 323
Fill Area (SF): 162	Fill Vol. (CY): 296
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	925	955

CROSS SECTIONS - US 23
STA. 175+50.00 TO STA. 176+50.00

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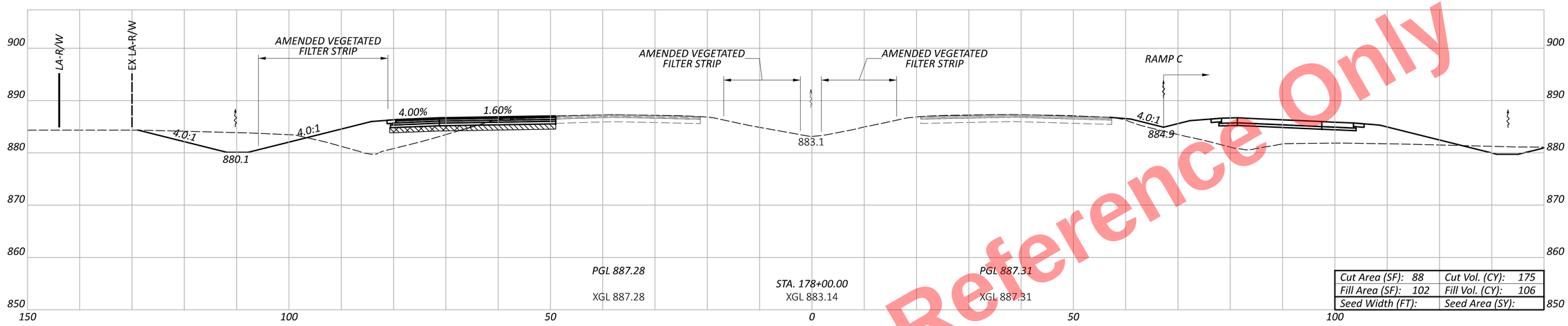
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.90 TOTAL: 323

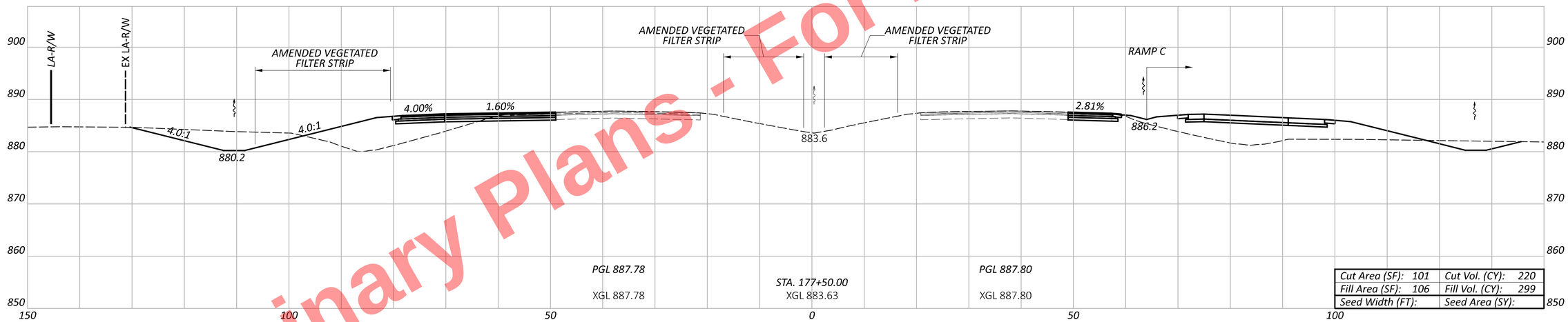
WYA-23-3.47

MODEL: CLP_US24 - 175+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:28:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

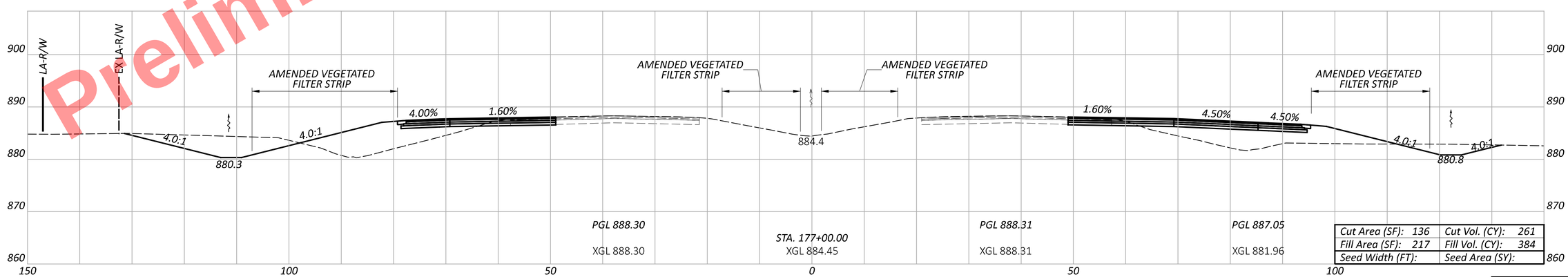
Preliminary Plans - For Reference Only



Cut Area (SF): 88	Cut Vol. (CY): 175
Fill Area (SF): 102	Fill Vol. (CY): 106
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 101	Cut Vol. (CY): 220
Fill Area (SF): 106	Fill Vol. (CY): 299
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 136	Cut Vol. (CY): 261
Fill Area (SF): 217	Fill Vol. (CY): 384
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	656	876

CROSS SECTIONS - US 23
STA. 177+00.00 TO STA. 178+00.00

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1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

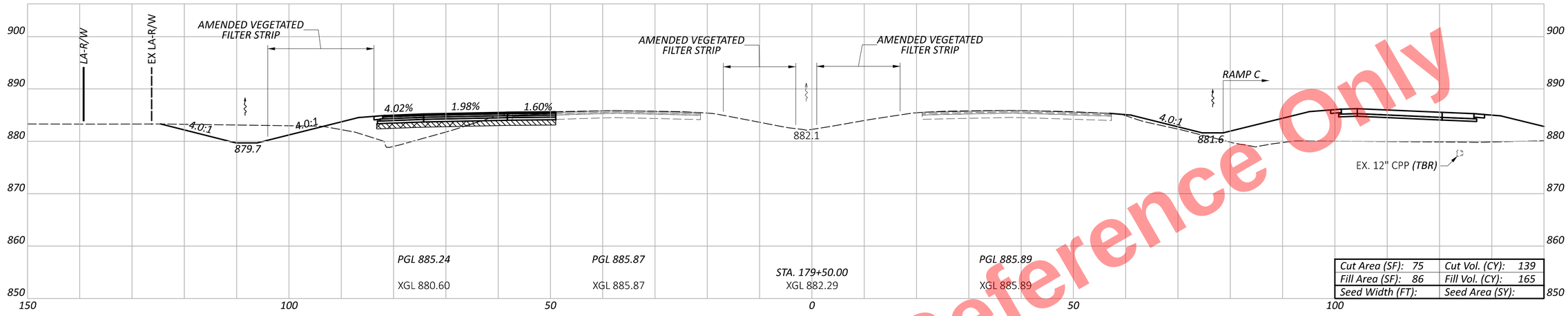
PROJECT ID 121424

SHEET P.91 TOTAL 323

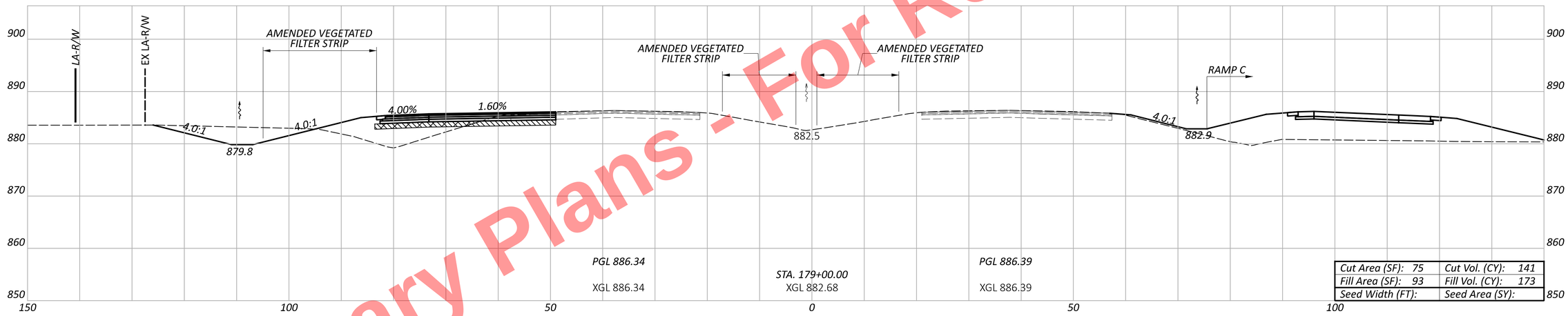
WYA-23-3.47

MODEL: CLP_US24 - 177+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:40:25 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\12
ay\Sheets\121424_XS000.dgn

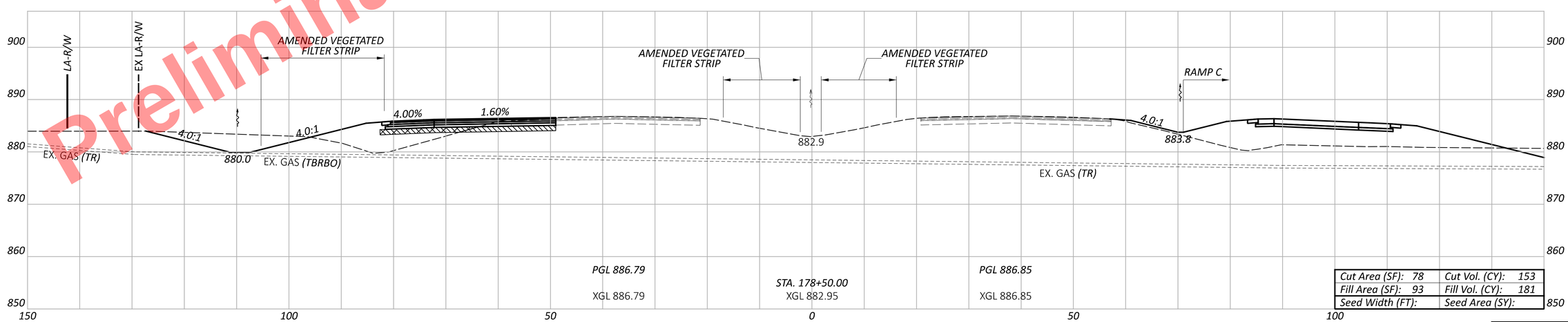
Preliminary Plans - For Reference Only



Cut Area (SF): 75	Cut Vol. (CY): 139
Fill Area (SF): 86	Fill Vol. (CY): 165
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 75	Cut Vol. (CY): 141
Fill Area (SF): 93	Fill Vol. (CY): 173
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 78	Cut Vol. (CY): 153
Fill Area (SF): 93	Fill Vol. (CY): 181
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	433	519

CROSS SECTIONS - US 23
STA. 178+50.00 TO STA. 179+50.00

WYA-23-3.47

MODEL: CLP_US24 - 178+50.00 |Sheet| PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:40:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

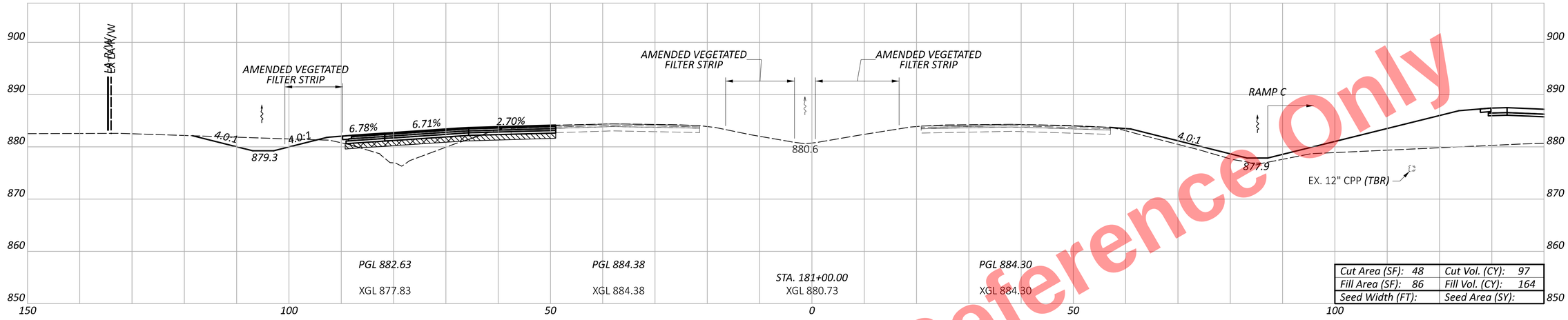
DESIGNER
JNL

REVIEWER
ACF 02/13/26

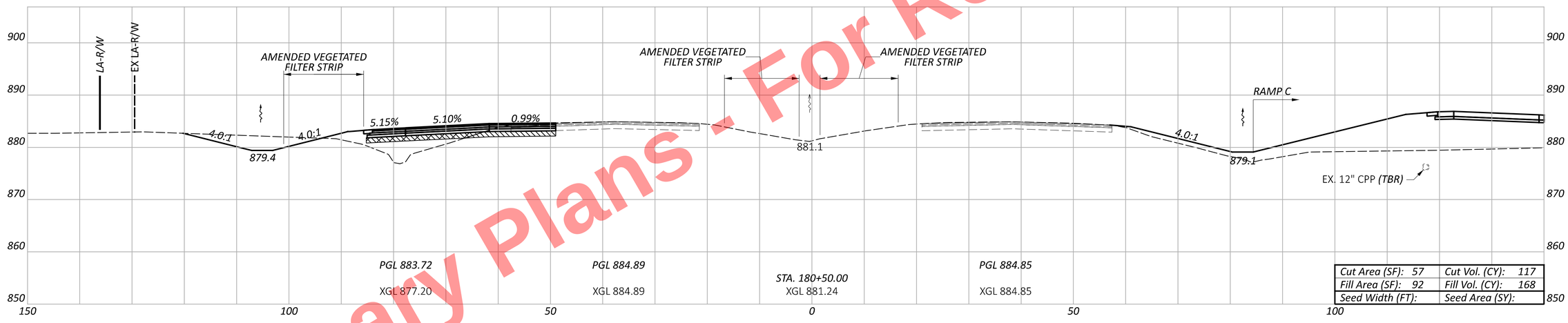
PROJECT ID
121424

SHEET P.92 | TOTAL 323

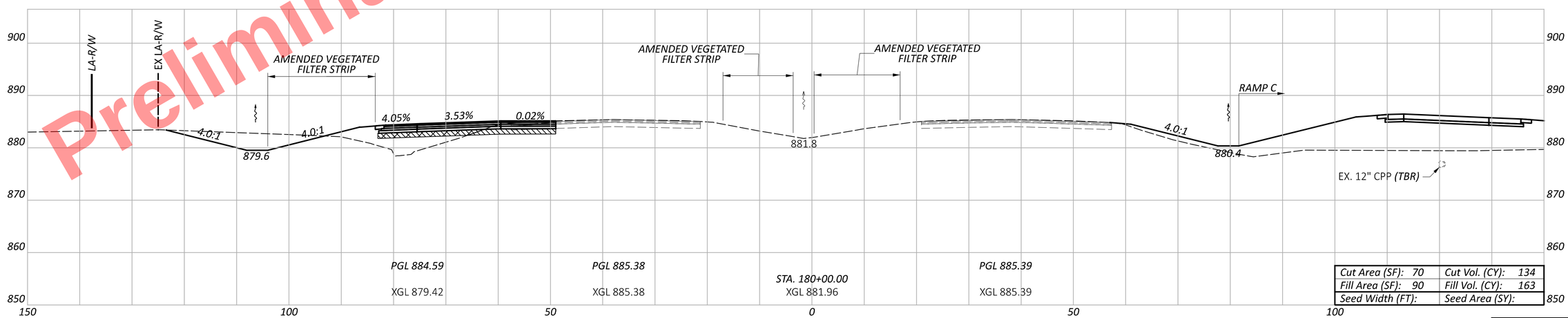
Preliminary Plans - For Reference Only



Cut Area (SF): 48	Cut Vol. (CY): 97
Fill Area (SF): 86	Fill Vol. (CY): 164
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 57	Cut Vol. (CY): 117
Fill Area (SF): 92	Fill Vol. (CY): 168
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 70	Cut Vol. (CY): 134
Fill Area (SF): 90	Fill Vol. (CY): 163
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	348	495

CROSS SECTIONS - US 23
STA. 180+00.00 TO STA. 181+00.00

WYA-23-3.47

MODEL: CLP_US24 - 180+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:40:58 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

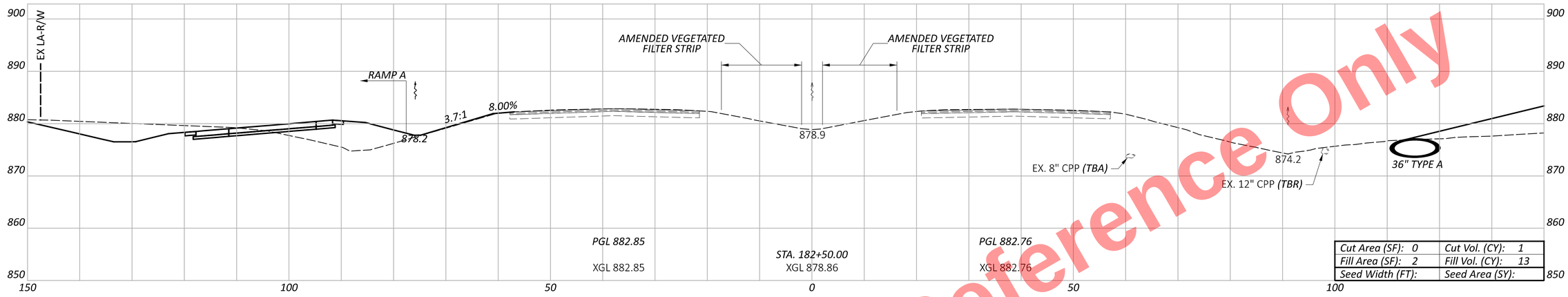
DESIGNER JNL

REVIEWER ACF 02/13/26

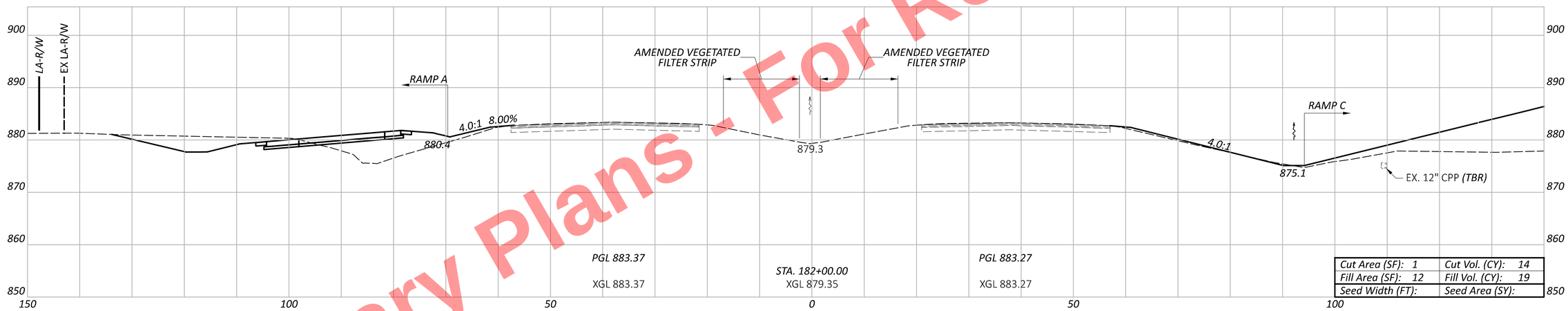
PROJECT ID 121424

SHEET P.93 TOTAL 323

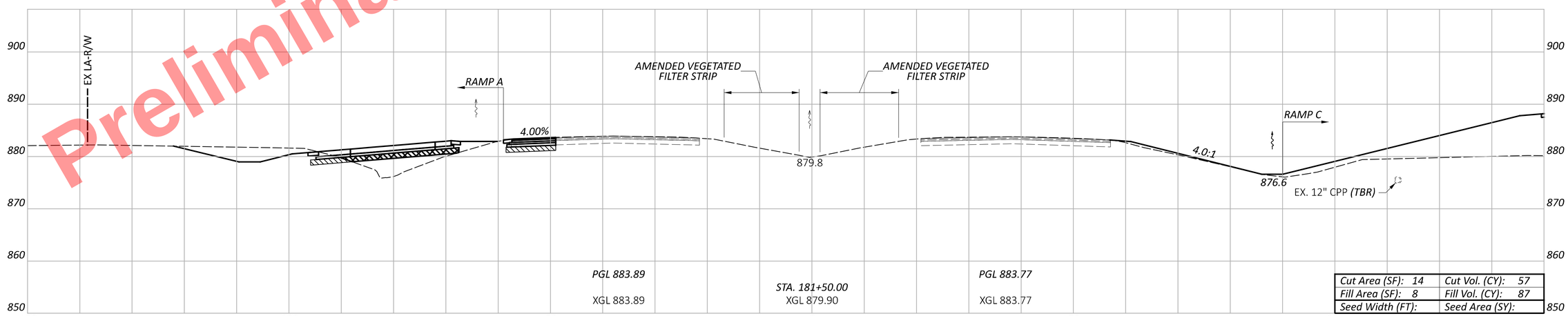
Preliminary Plans - Not For Reference Only



Cut Area (SF): 0	Cut Vol. (CY): 1
Fill Area (SF): 2	Fill Vol. (CY): 13
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 1	Cut Vol. (CY): 14
Fill Area (SF): 12	Fill Vol. (CY): 19
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 14	Cut Vol. (CY): 57
Fill Area (SF): 8	Fill Vol. (CY): 87
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	72	119

CROSS SECTIONS - US 23
STA. 181+50.00 TO STA. 182+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL

REVIEWER: ACF 02/13/26

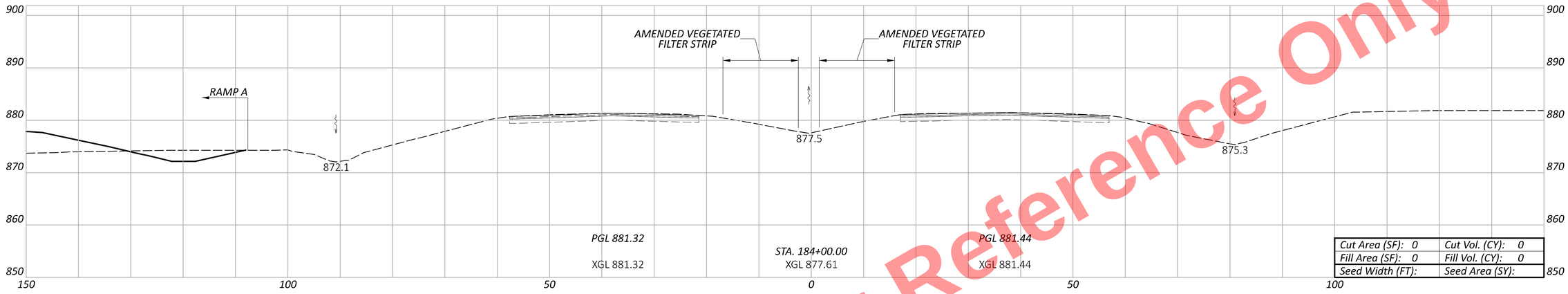
PROJECT ID: 121424

SHEET: P.94 TOTAL: 323

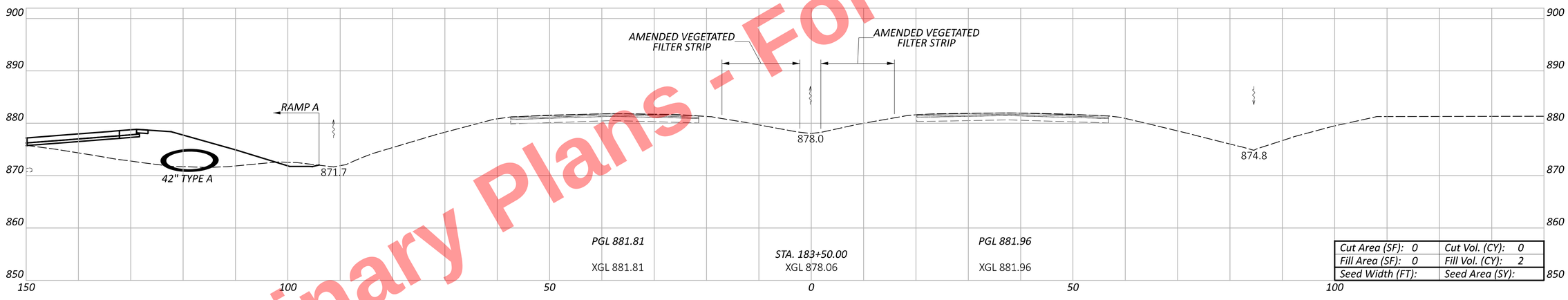
WYA-23-3.47

MODEL: CLP_US24 - 181+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:41:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

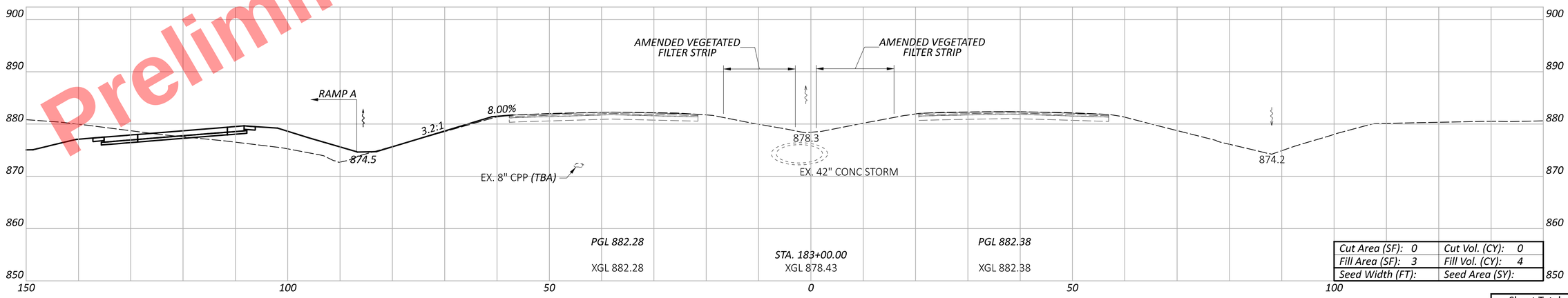
Preliminary Plans - For Reference Only



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 2
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 3	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	0	6

CROSS SECTIONS - US 23
STA. 183+00.00 TO STA. 184+00.00

DESIGN AGENCY
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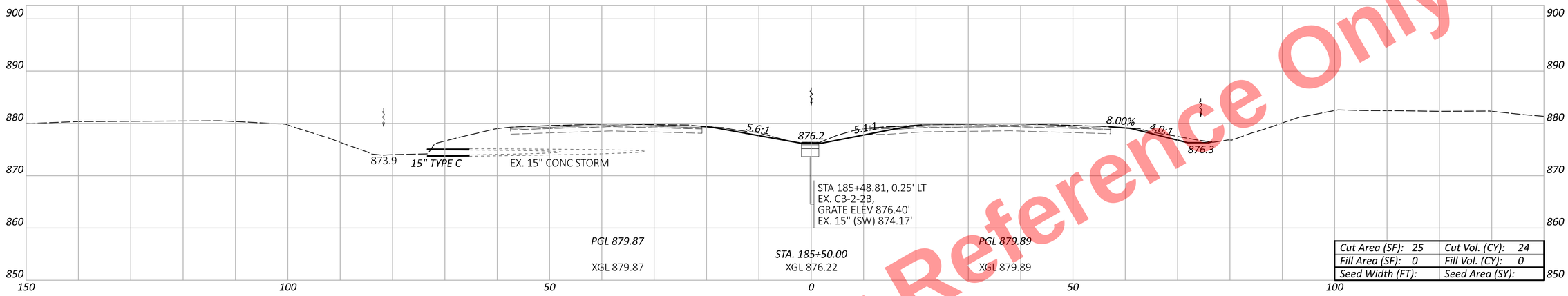
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

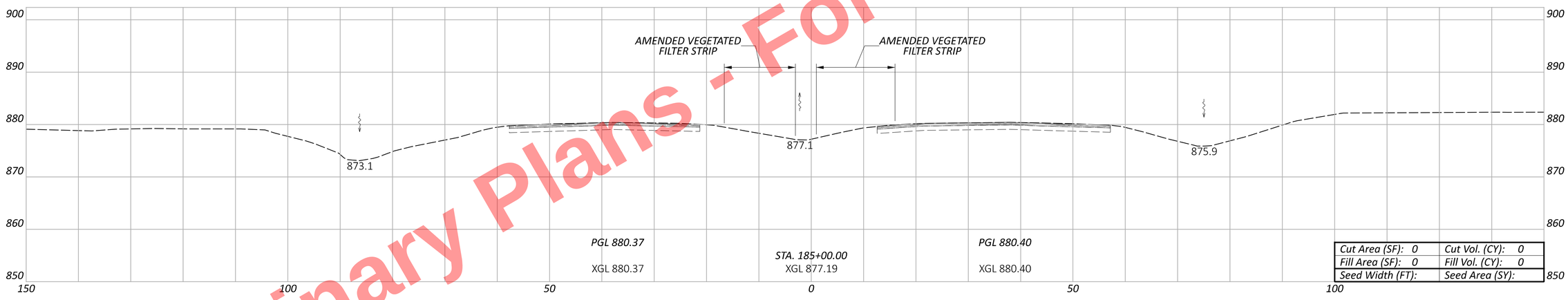
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.95 TOTAL: 323

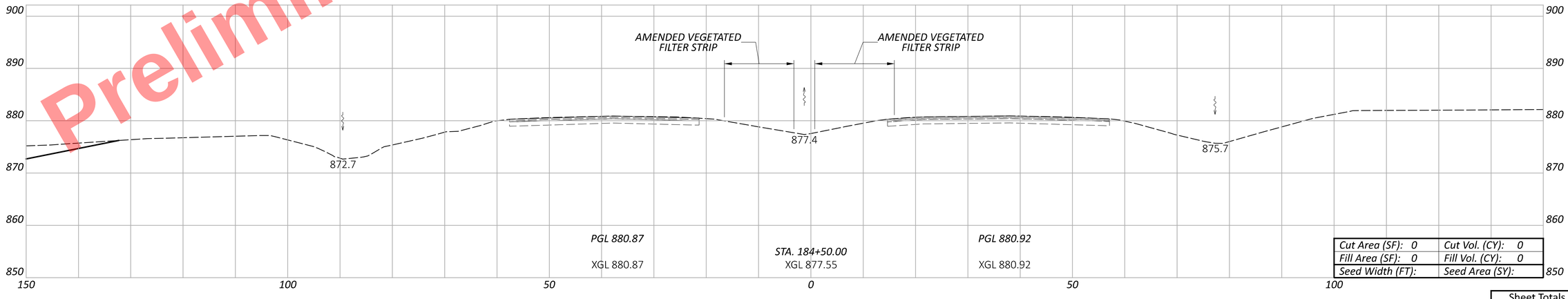
WYA-23-3.47

MODEL: CLP_US24 - 183+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:41:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

Preliminary Plans - For Reference Only







CROSS SECTIONS - US 23
STA. 184+50.00 TO STA. 185+50.00

Sheet Totals		
Seeding	Cut	Fill
	24	0

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL

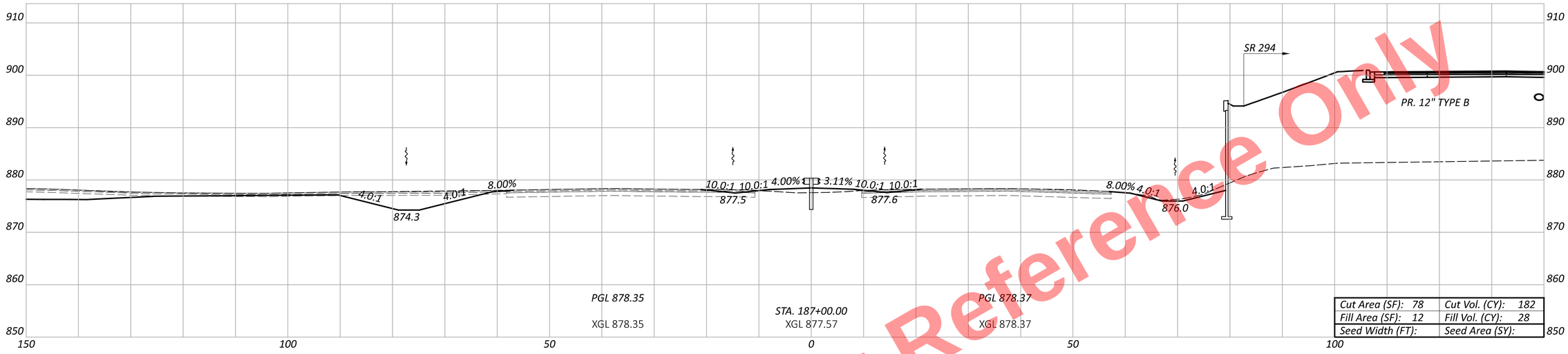
REVIEWER ACF 02/13/26

PROJECT ID 121424

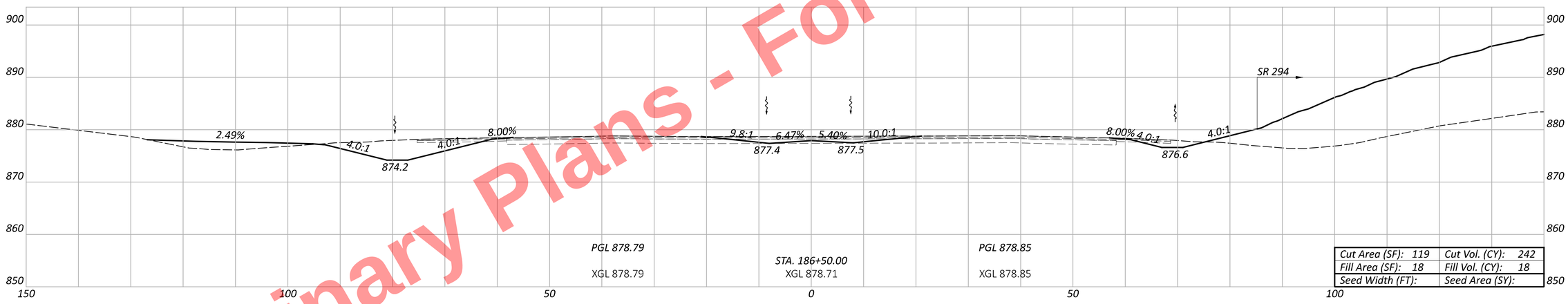
SHEET P.96 | TOTAL 323

WYA-23-3.47

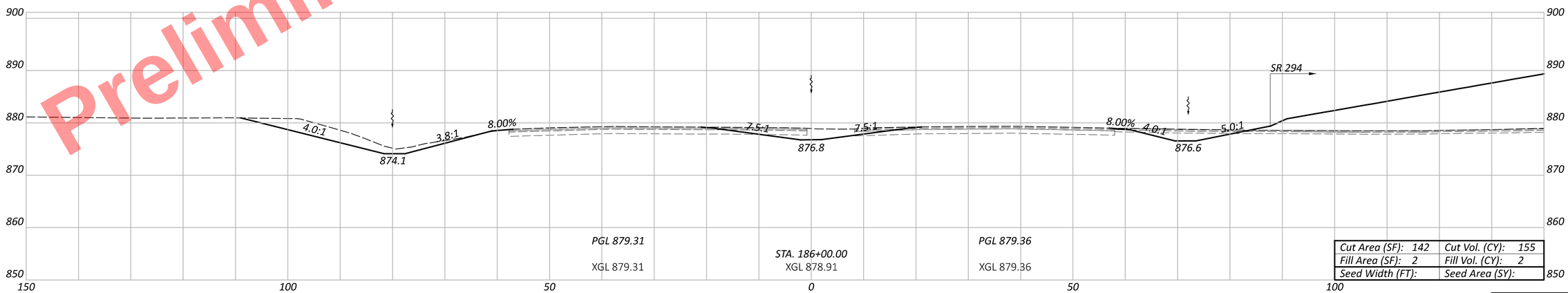
MODEL: CLP_US24 - 184+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:41:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn



Cut Area (SF): 78	Cut Vol. (CY): 182
Fill Area (SF): 12	Fill Vol. (CY): 28
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 119	Cut Vol. (CY): 242
Fill Area (SF): 18	Fill Vol. (CY): 18
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 142	Cut Vol. (CY): 155
Fill Area (SF): 2	Fill Vol. (CY): 2
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	579	48

Preliminary Plans - For Reference Only

WYA-23-3.47

MODEL: CLP_US24 - 186+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:42:03 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

CROSS SECTIONS - US 23
STA. 186+00.00 TO STA. 187+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

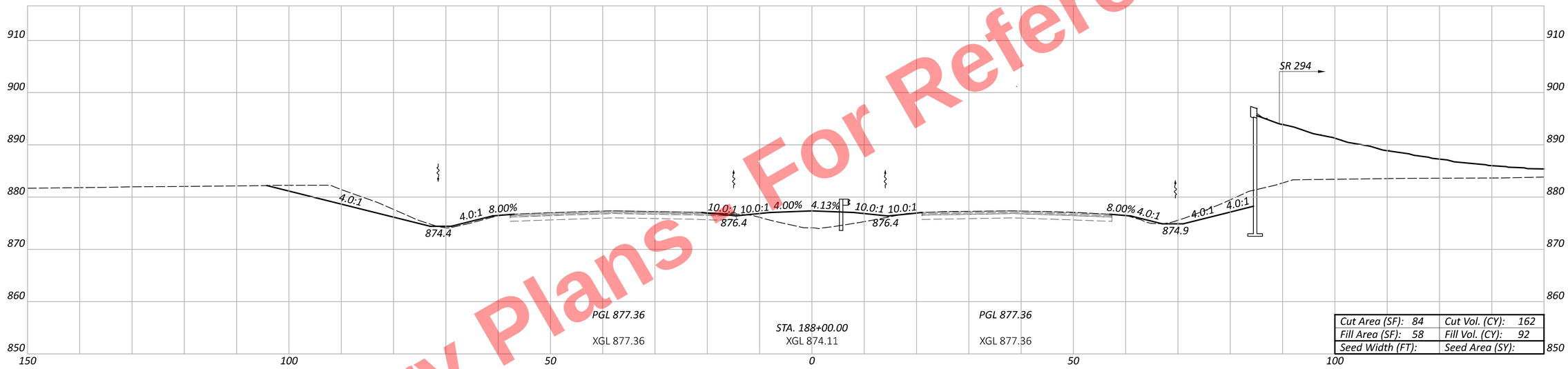
DESIGNER JNL

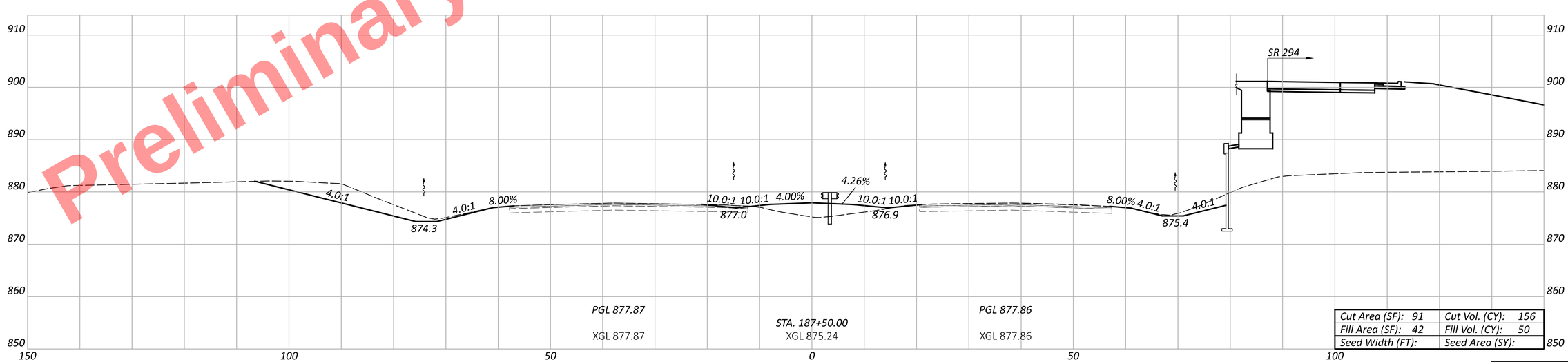
REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET	TOTAL
P.97	323

Preliminary Plans - For Reference Only





CROSS SECTIONS - US 23
STA. 187+50.00 TO STA. 188+00.00

Sheet Totals		
Seeding	Cut	Fill
	318	142

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER
JNL

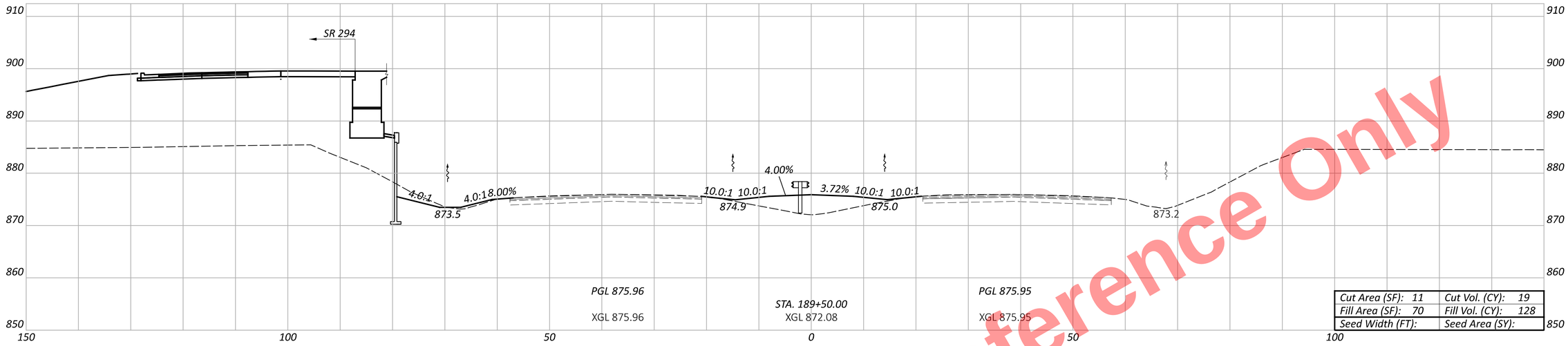
REVIEWER
ACF 02/13/26

PROJECT ID
121424

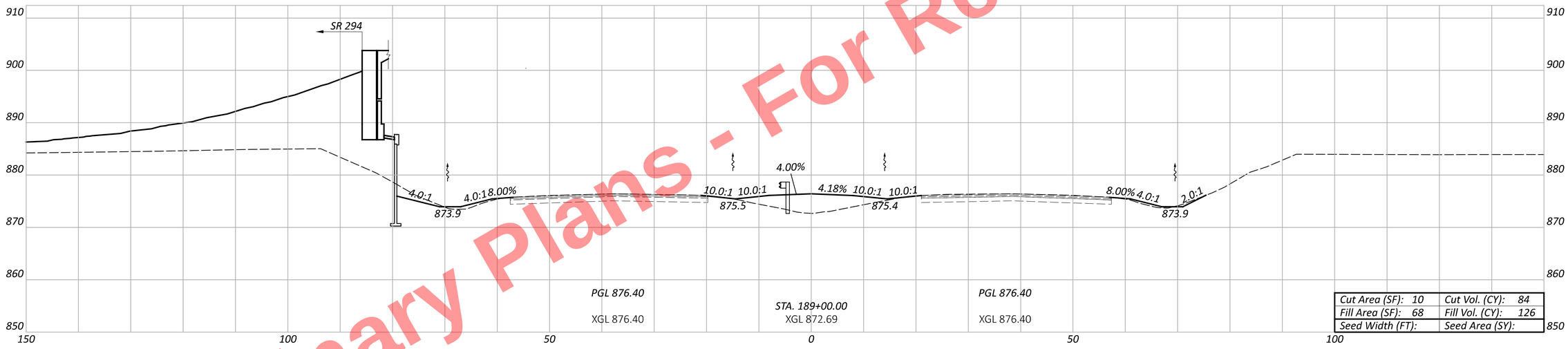
SHEET P.98 | TOTAL 323

WYA-23-3.47

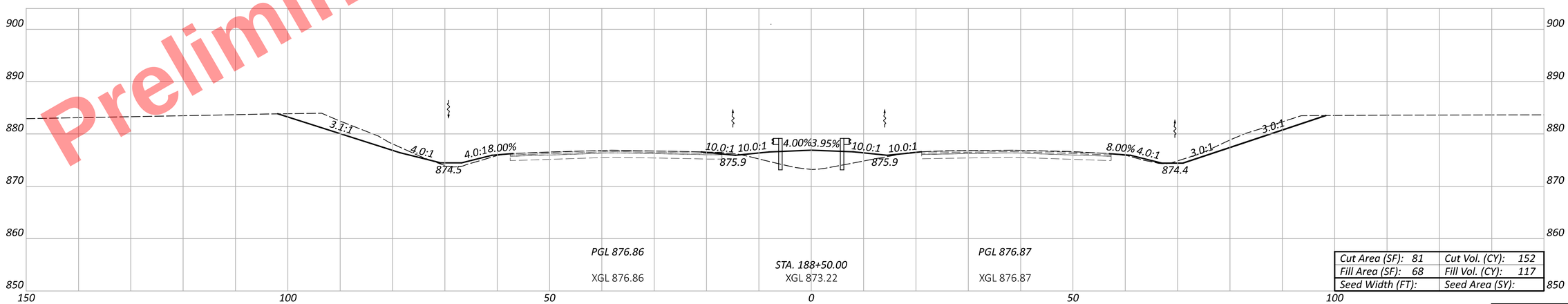
MODEL: CLP_US24 - 187+50.00 |Sheet| PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:42:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn



Cut Area (SF): 11	Cut Vol. (CY): 19
Fill Area (SF): 70	Fill Vol. (CY): 128
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 10	Cut Vol. (CY): 84
Fill Area (SF): 68	Fill Vol. (CY): 126
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 81	Cut Vol. (CY): 152
Fill Area (SF): 68	Fill Vol. (CY): 117
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

WYA-23-3.47

MODEL: CLP_US24 - 188+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:42:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

CROSS SECTIONS - US 23
STA. 188+50.00 TO STA. 189+50.00

Sheet Totals		
Seeding	Cut	Fill
	255	371

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.99 | TOTAL 323

MODEL: CLP_US24 - 190+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:42:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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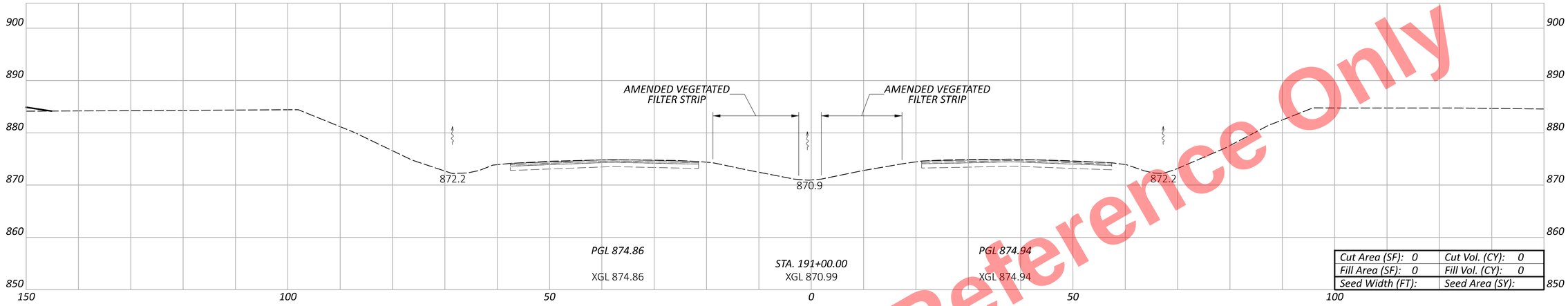
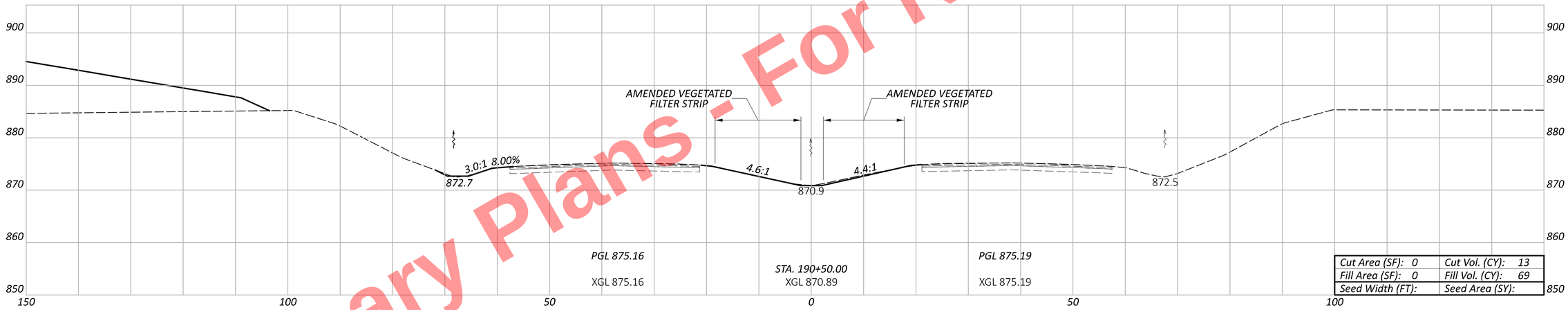
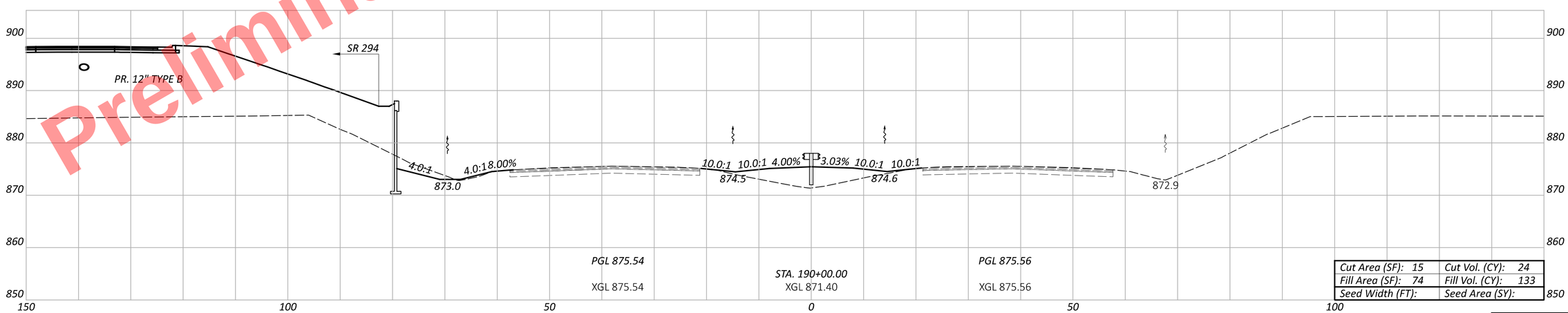
Preliminary Plans - For Reference Only







Sheet Totals		
Seeding	Cut	Fill
	37	202

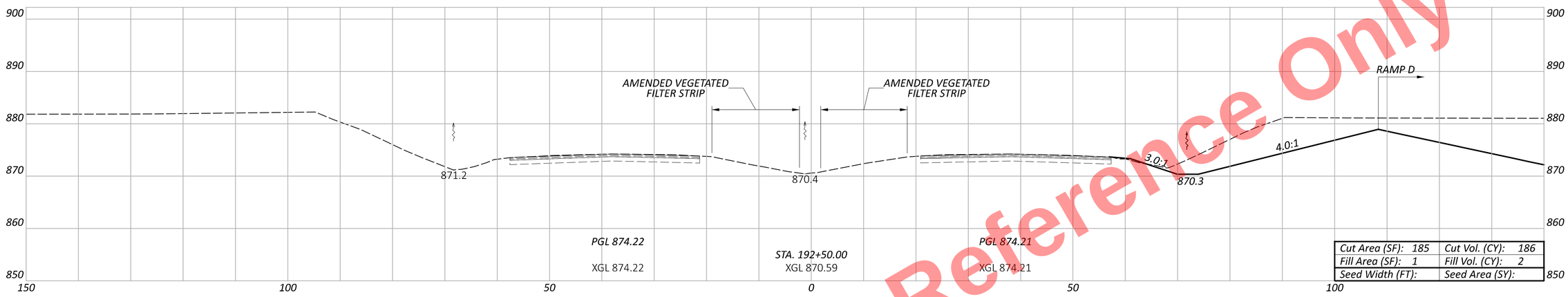
WYA-23-3.47

CROSS SECTIONS - US 23
STA. 190+00.00 TO STA. 191+00.00

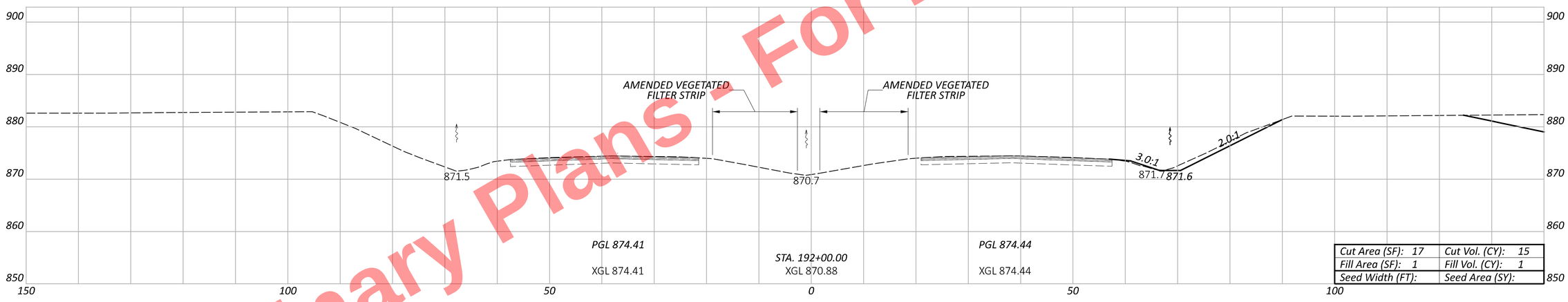
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Glendale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.100 TOTAL 323

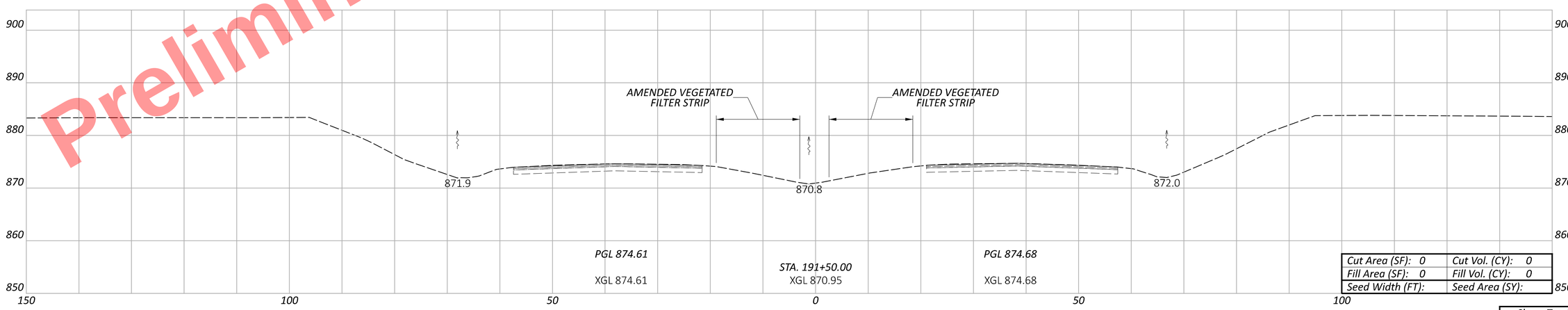
Preliminary Plans - Not For Reference Only



Cut Area (SF): 185	Cut Vol. (CY): 186
Fill Area (SF): 1	Fill Vol. (CY): 2
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 17	Cut Vol. (CY): 15
Fill Area (SF): 1	Fill Vol. (CY): 1
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	201	3

CROSS SECTIONS - US 23
STA. 191+50.00 TO STA. 192+50.00

WYA-23-3.47

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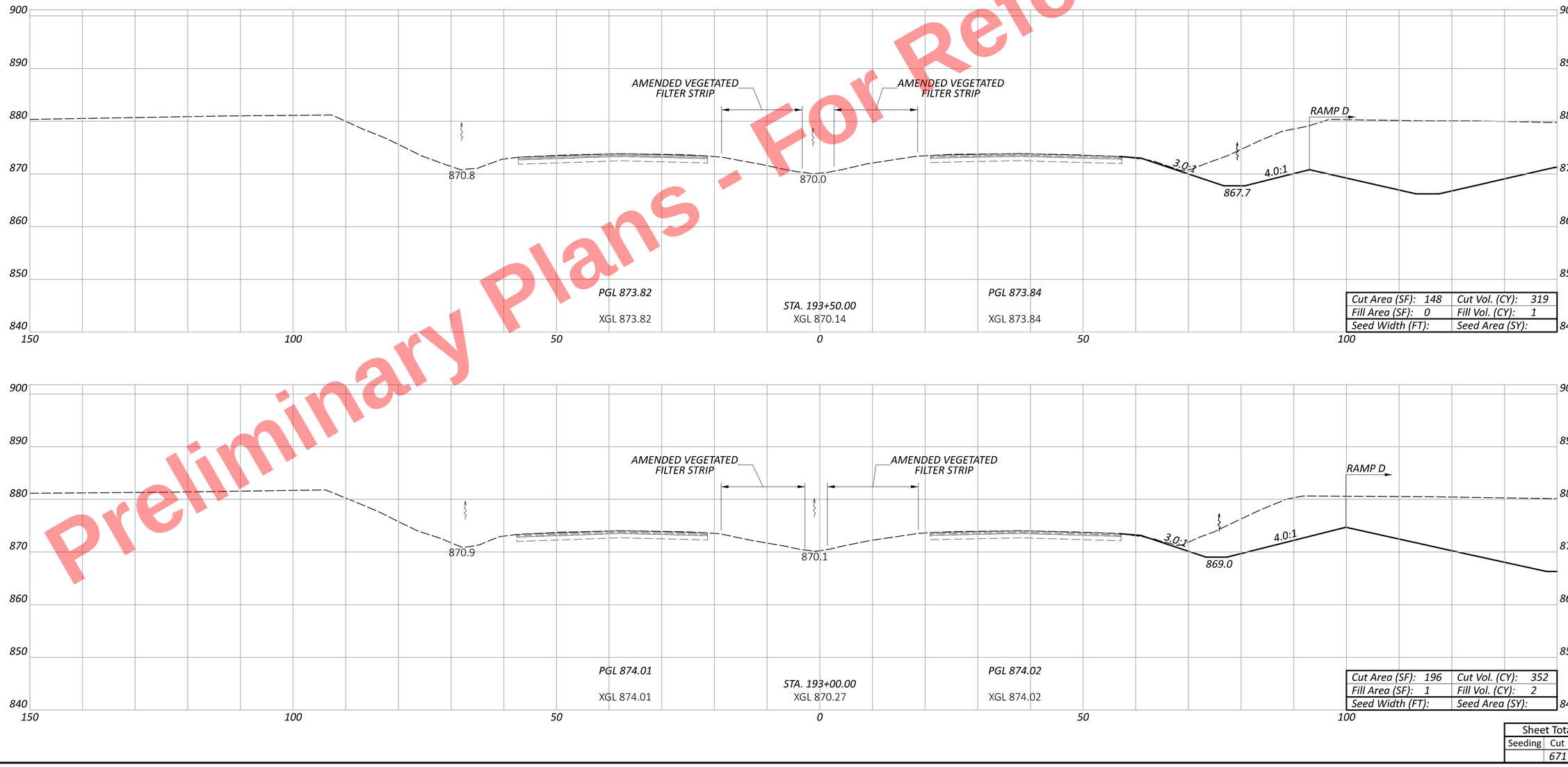
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.101
TOTAL	323

Preliminary Plans - For Reference Only



Sheet Totals		
Seeding	Cut	Fill
	671	3

WYA-23-3.47

MODEL: CLP_US24 - 193+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:43:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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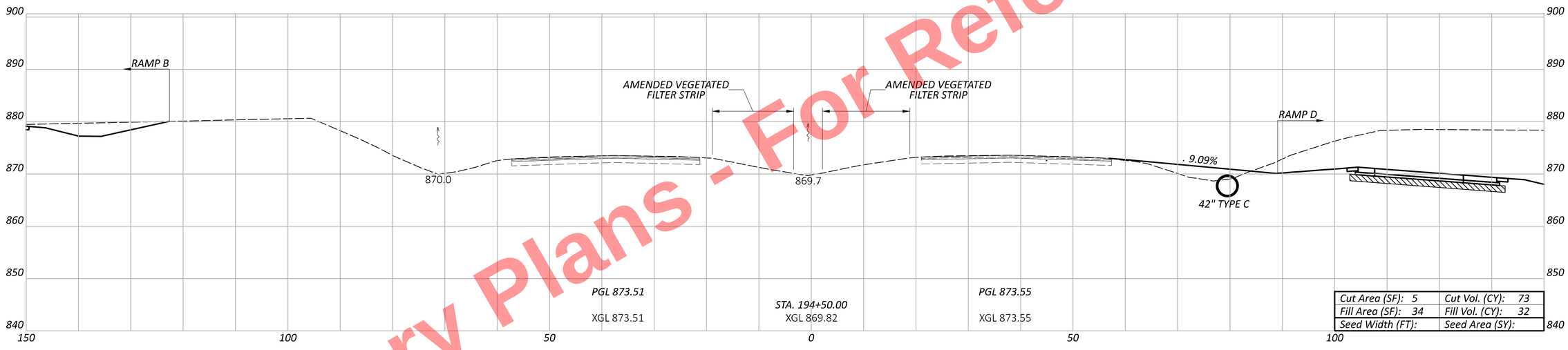
CROSS SECTIONS - US 23
STA. 193+00.00 TO STA. 193+50.00

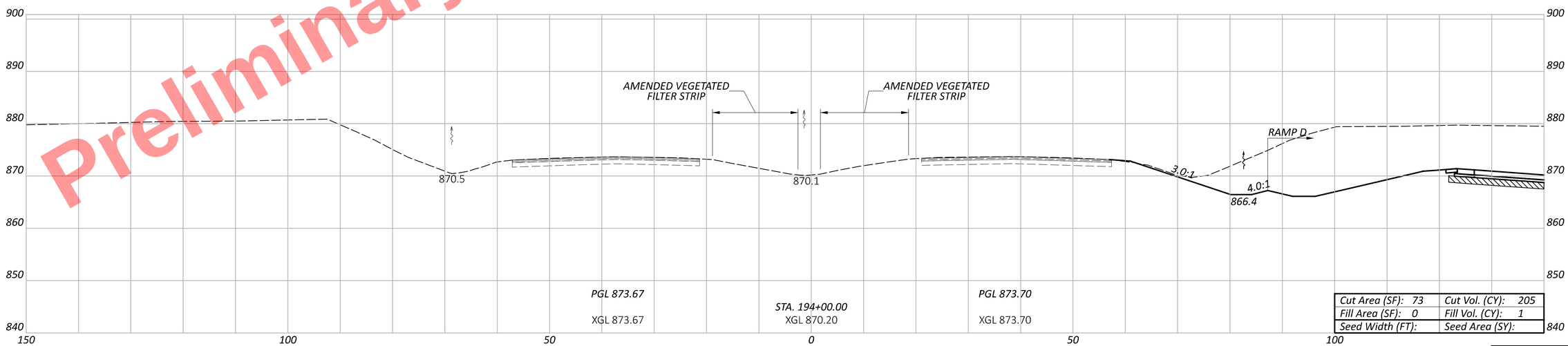
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.102
TOTAL	323

Preliminary Plans - For Reference Only



Cut Area (SF): 5	Cut Vol. (CY): 73
Fill Area (SF): 34	Fill Vol. (CY): 32
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 73	Cut Vol. (CY): 205
Fill Area (SF): 0	Fill Vol. (CY): 1
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	278	33

CROSS SECTIONS - US 23
STA. 194+00.00 TO STA. 194+50.00

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1468 West 9th St. Suite 800
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Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.103 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 194+00.00 |Sheet| PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:43:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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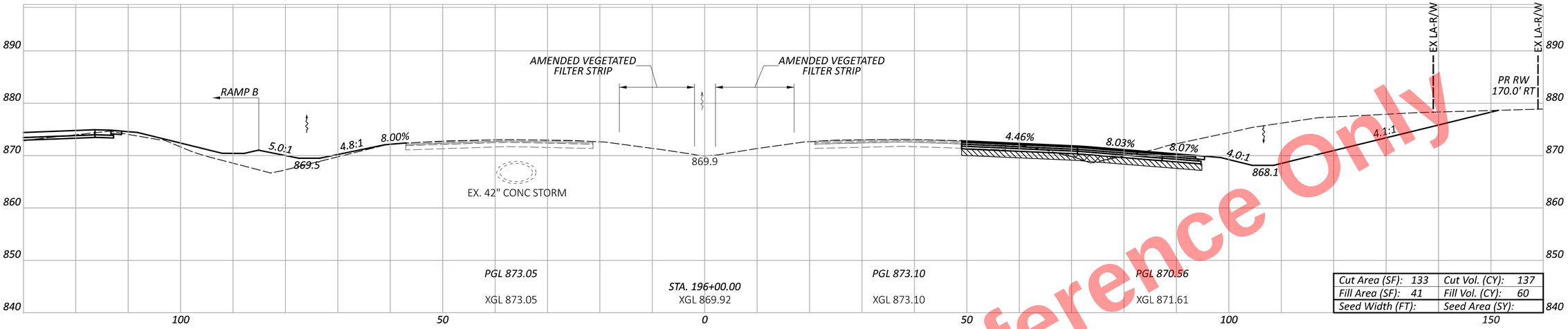
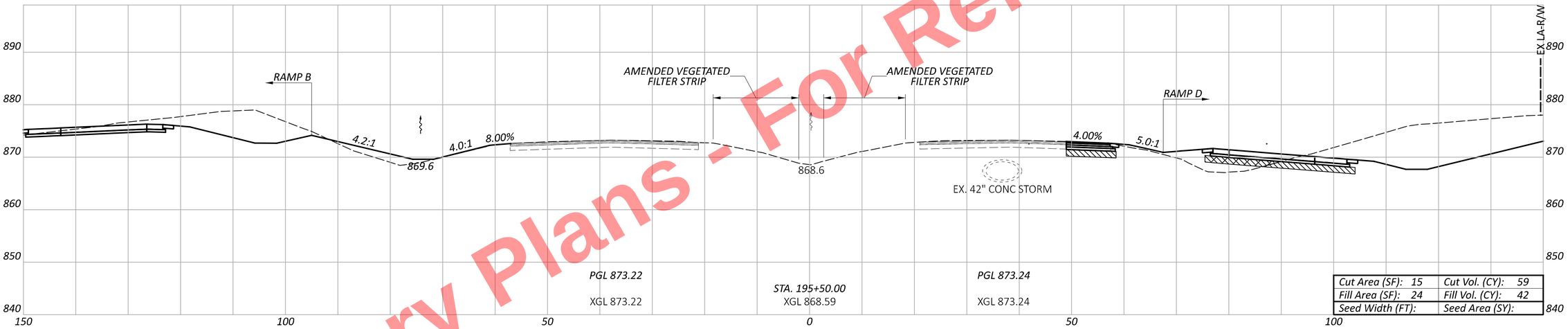
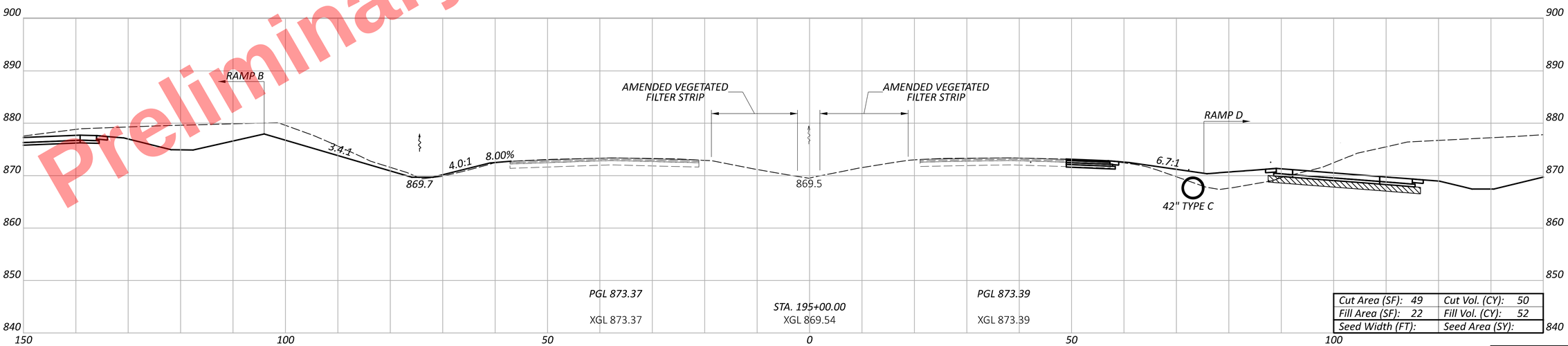
Preliminary Plans - For Reference Only



Cut Area (SF): 133	Cut Vol. (CY): 137
Fill Area (SF): 41	Fill Vol. (CY): 60
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 15	Cut Vol. (CY): 59
Fill Area (SF): 24	Fill Vol. (CY): 42
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 49	Cut Vol. (CY): 50
Fill Area (SF): 22	Fill Vol. (CY): 52
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	246	154

CROSS SECTIONS - US 23
STA. 195+00.00 TO STA. 196+00.00

WYA-23-3.47

MODEL: CLP_US24 - 195+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/9/2026 TIME: 2:12:07 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

DESIGN AGENCY
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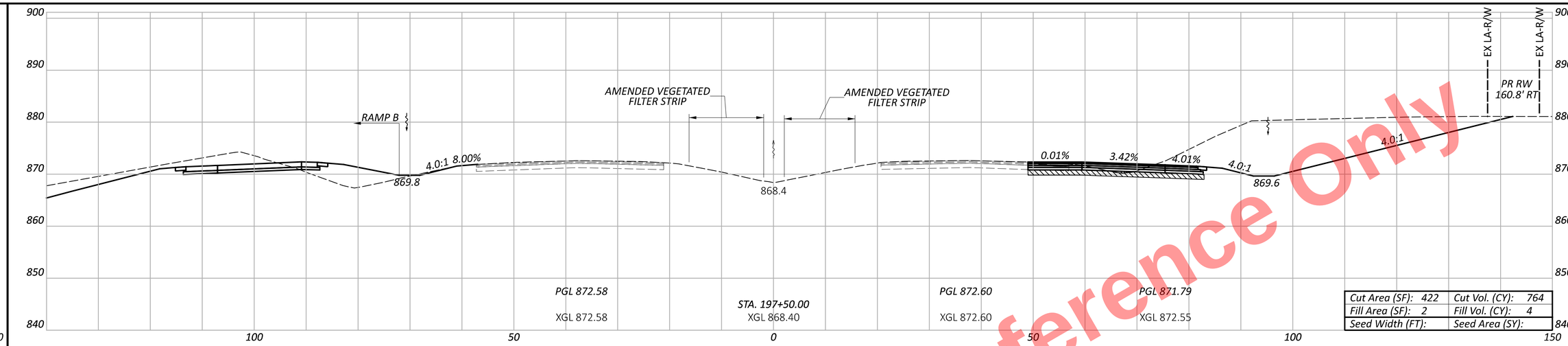
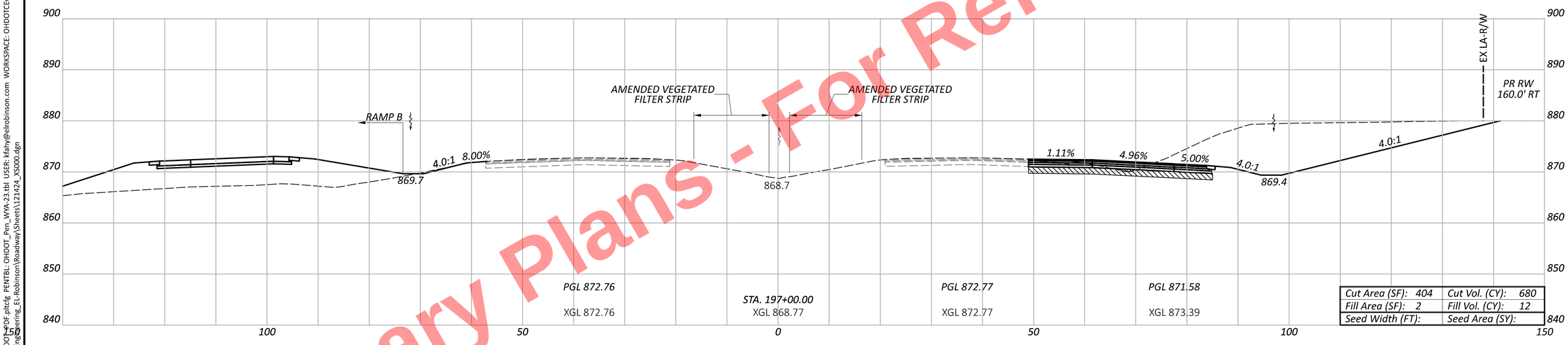
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

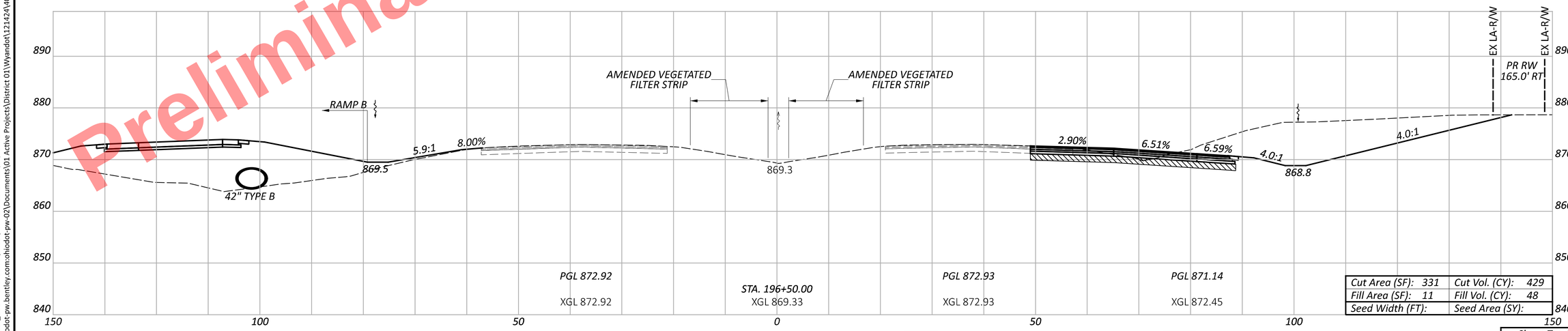
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.104 TOTAL 323



Cut Area (SF): 422	Cut Vol. (CY): 764
Fill Area (SF): 2	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 404	Cut Vol. (CY): 680
Fill Area (SF): 2	Fill Vol. (CY): 12
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 331	Cut Vol. (CY): 429
Fill Area (SF): 11	Fill Vol. (CY): 48
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1873	64

CROSS SECTIONS - US 23
STA. 196+50.00 TO SYA. 197+50.00

Preliminary Plans - For Reference Only

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1468 West 9th St. Suite 800 Cleveland, Ohio
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DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.105 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 196+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:44:16 PM PLTDRV: OHDOT_CTB_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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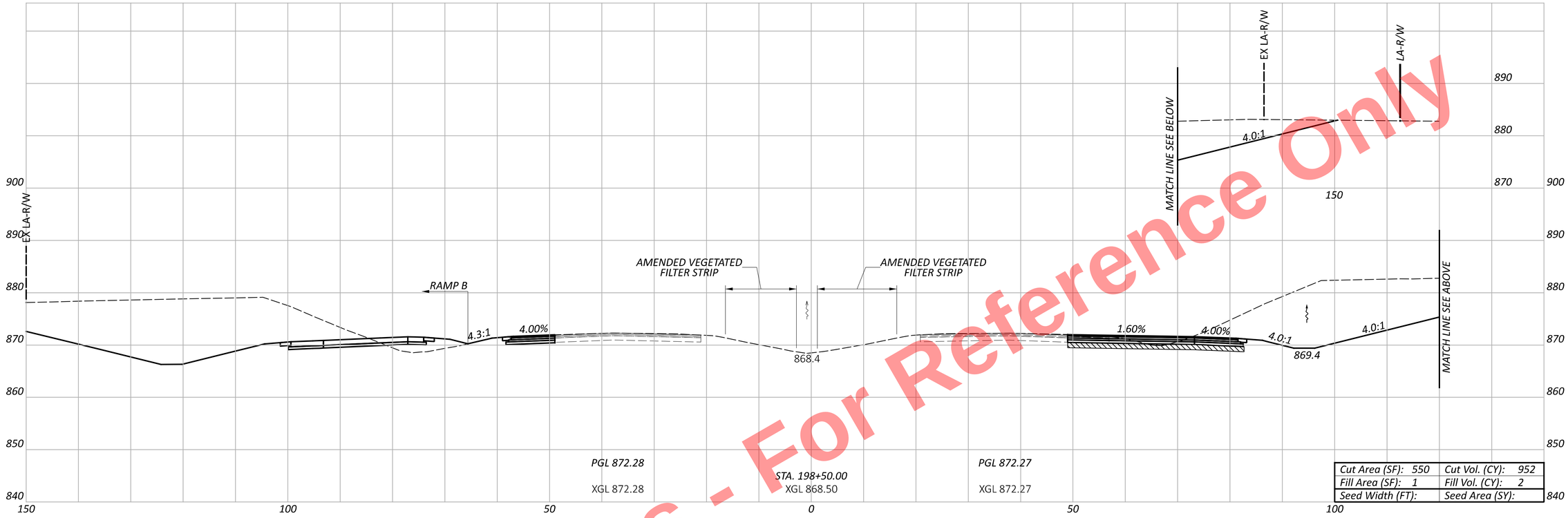
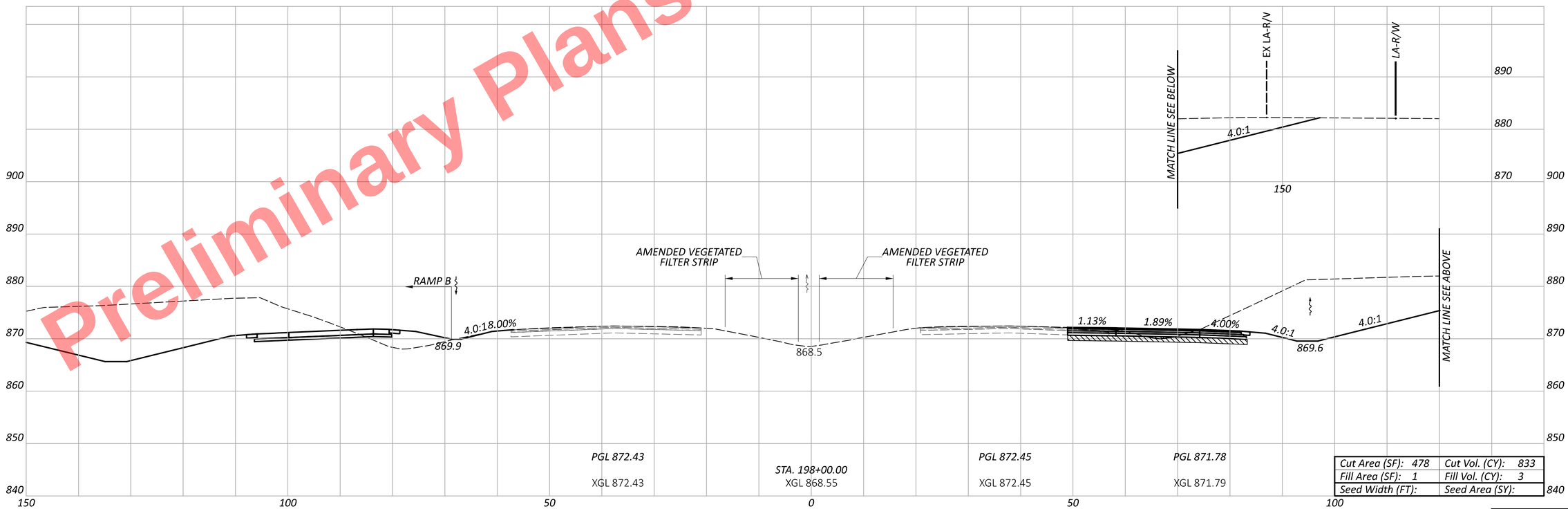


PGL 872.28
XGL 872.28

STA. 198+50.00
XGL 868.50

PGL 872.27
XGL 872.27

Cut Area (SF): 550	Cut Vol. (CY): 952
Fill Area (SF): 1	Fill Vol. (CY): 2
Seed Width (FT):	Seed Area (SY):



PGL 872.43
XGL 872.43

STA. 198+00.00
XGL 868.55

PGL 872.45
XGL 872.45

PGL 871.78
XGL 871.79

Cut Area (SF): 478	Cut Vol. (CY): 833
Fill Area (SF): 1	Fill Vol. (CY): 3
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1785	5

Preliminary Plans - For Reference Only

CROSS SECTIONS - US 23
STA. 198+00.00 TO STA. 198+50.00

WYA-23-3.47

MODEL: CLP_US24 - 198+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:44:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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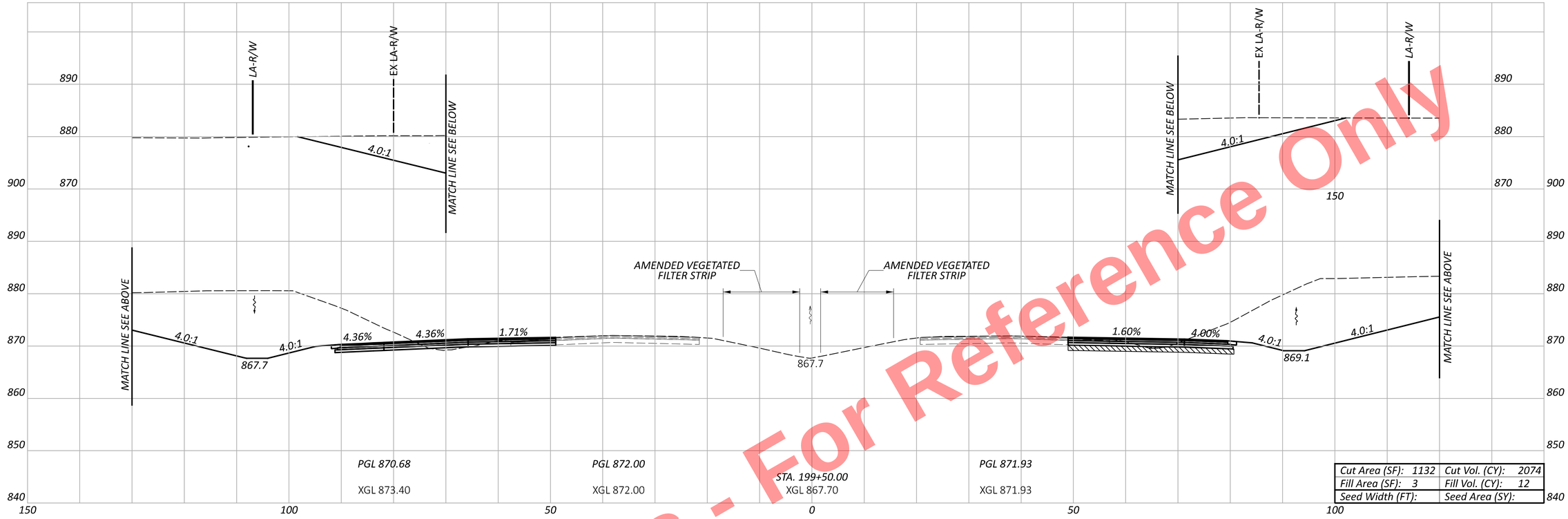
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.106 TOTAL 323

Preliminary Plans - For Reference Only



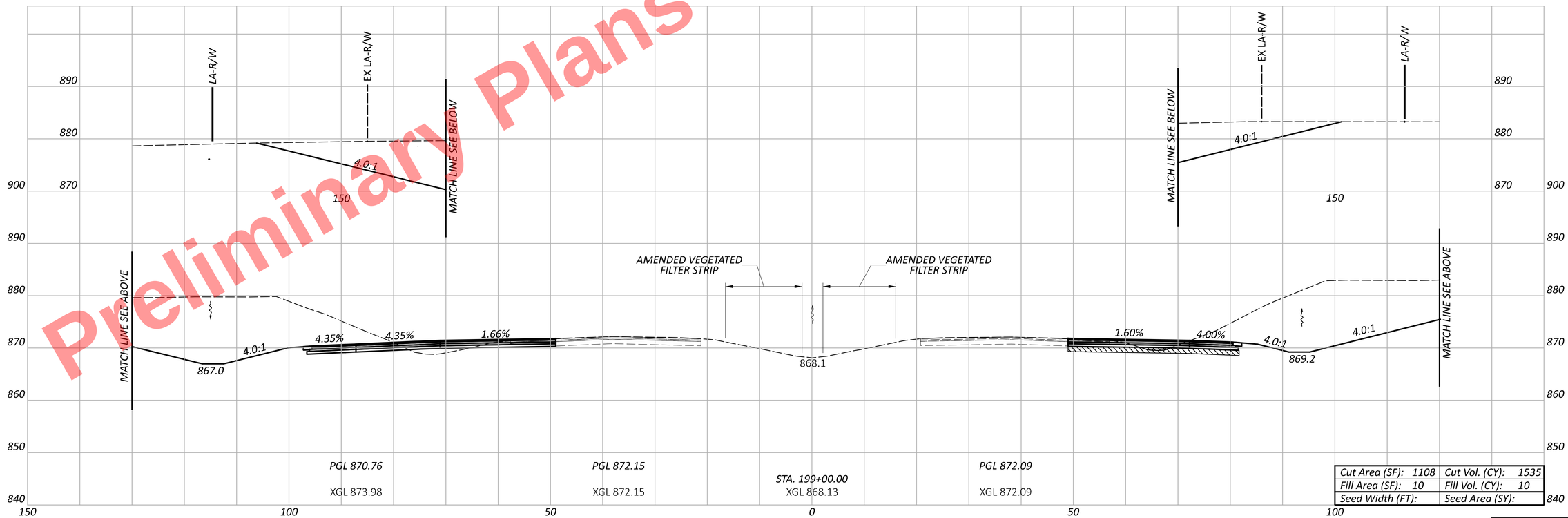
PGL 870.68
XGL 873.40

PGL 872.00
XGL 872.00

STA. 199+50.00
XGL 867.70

PGL 871.93
XGL 871.93

Cut Area (SF): 1132	Cut Vol. (CY): 2074
Fill Area (SF): 3	Fill Vol. (CY): 12
Seed Width (FT):	Seed Area (SY):



PGL 870.76
XGL 873.98

PGL 872.15
XGL 872.15

STA. 199+00.00
XGL 868.13

PGL 872.09
XGL 872.09

Cut Area (SF): 1108	Cut Vol. (CY): 1535
Fill Area (SF): 10	Fill Vol. (CY): 10
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	3609	22

CROSS SECTIONS - US 23
STA. 199+00.00 TO STA. 199+50.00

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E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.107 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 199+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:44:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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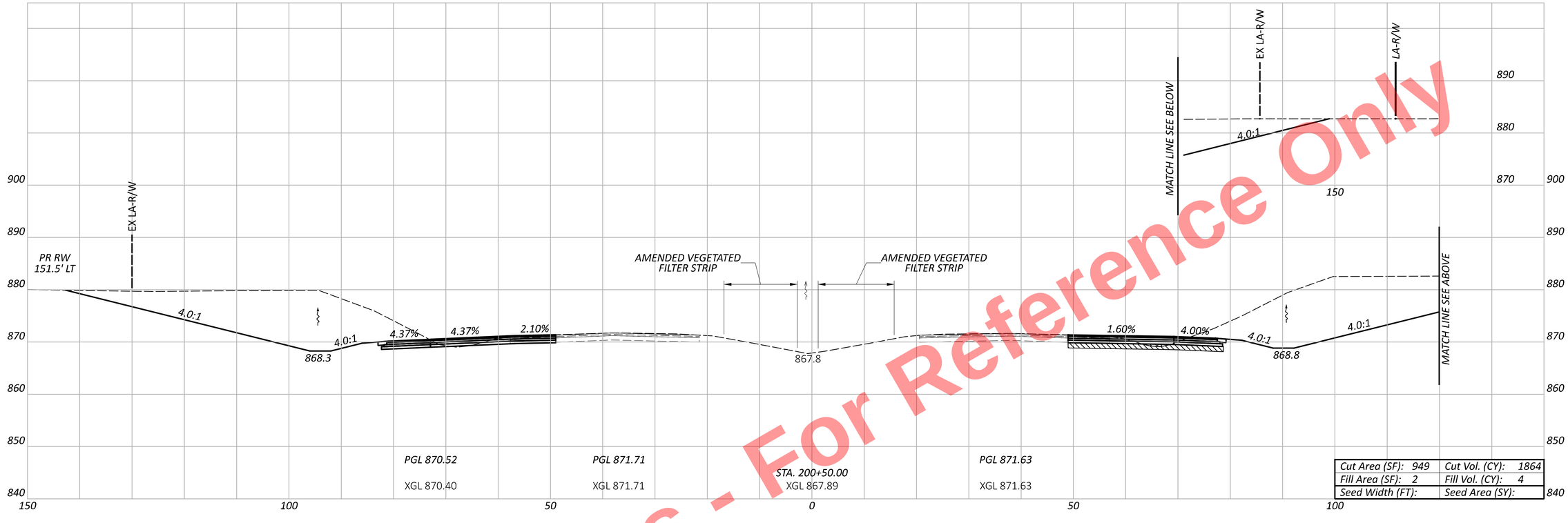
Preliminary Plans - For Reference Only



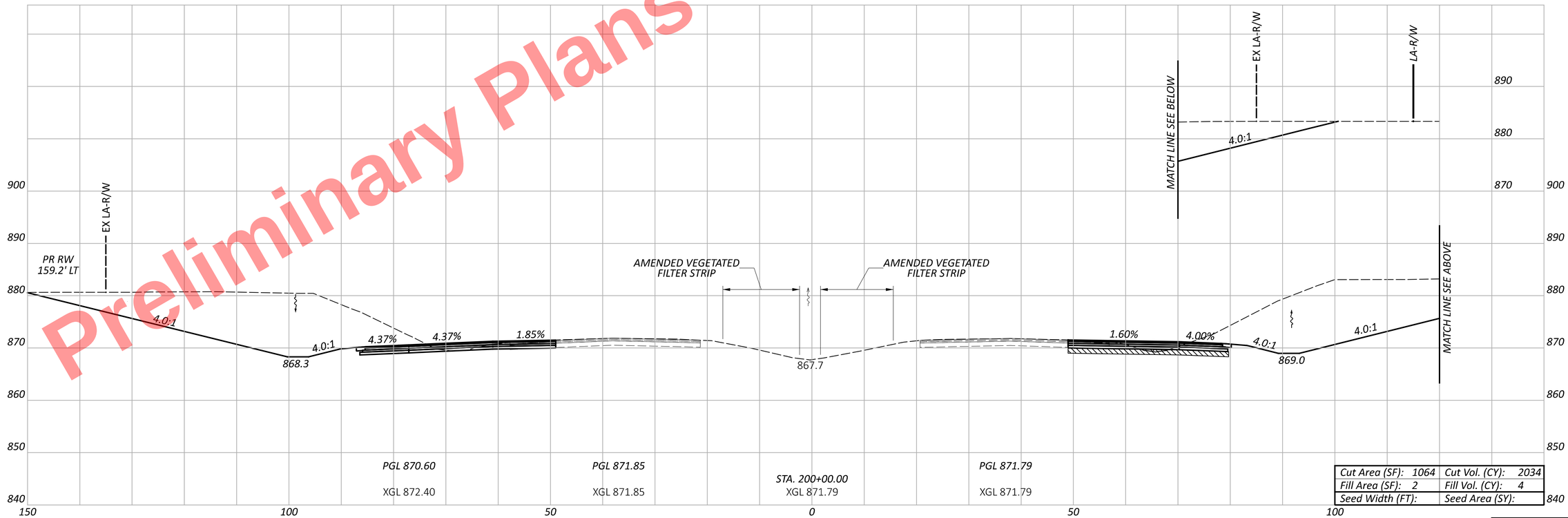
PGL 870.52
XGL 870.40

PGL 871.71
XGL 871.71

STA. 200+50.00
XGL 867.89

PGL 871.63
XGL 871.63

Cut Area (SF): 949	Cut Vol. (CY): 1864
Fill Area (SF): 2	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):



PGL 870.60
XGL 872.40

PGL 871.85
XGL 871.85

STA. 200+00.00
XGL 871.79

PGL 871.79
XGL 871.79

Cut Area (SF): 1064	Cut Vol. (CY): 2034
Fill Area (SF): 2	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	3898	8

CROSS SECTIONS - US 23
STA. 200+00.00 TO STA. 200+50.00

WYA-23-3.47

MODEL: CLP_US24 - 200+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:45:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

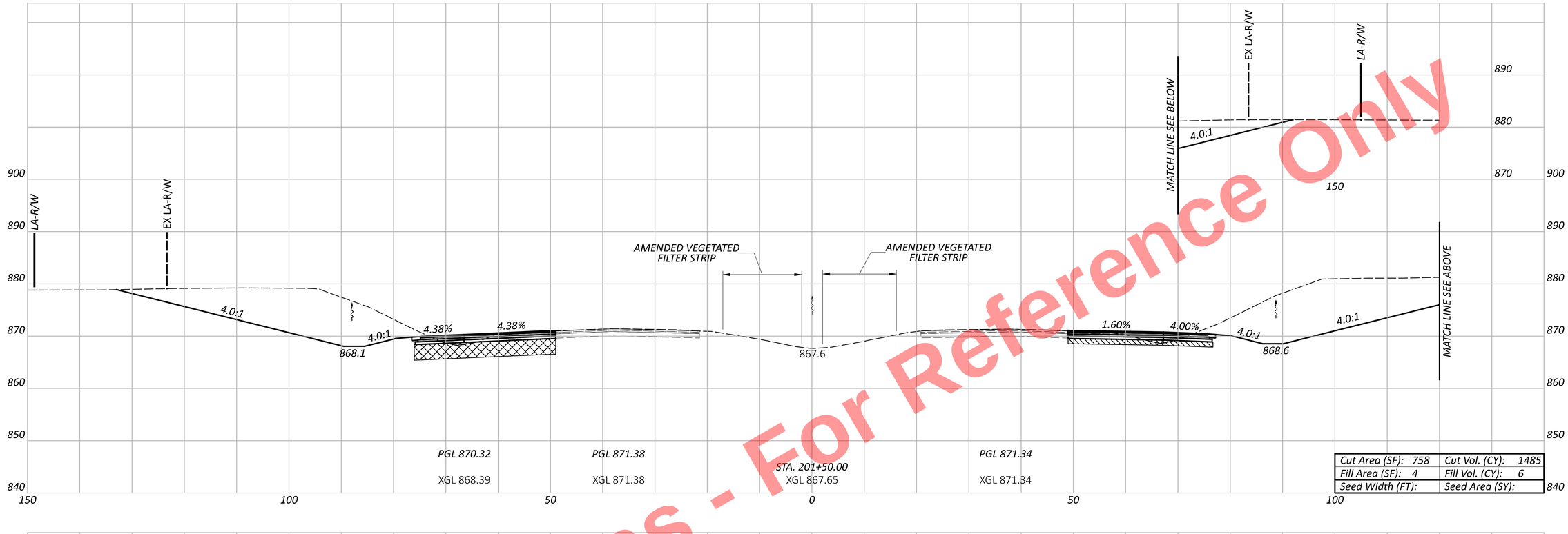
DESIGNER
JNL

REVIEWER
ACF 02/13/26

PROJECT ID
121424

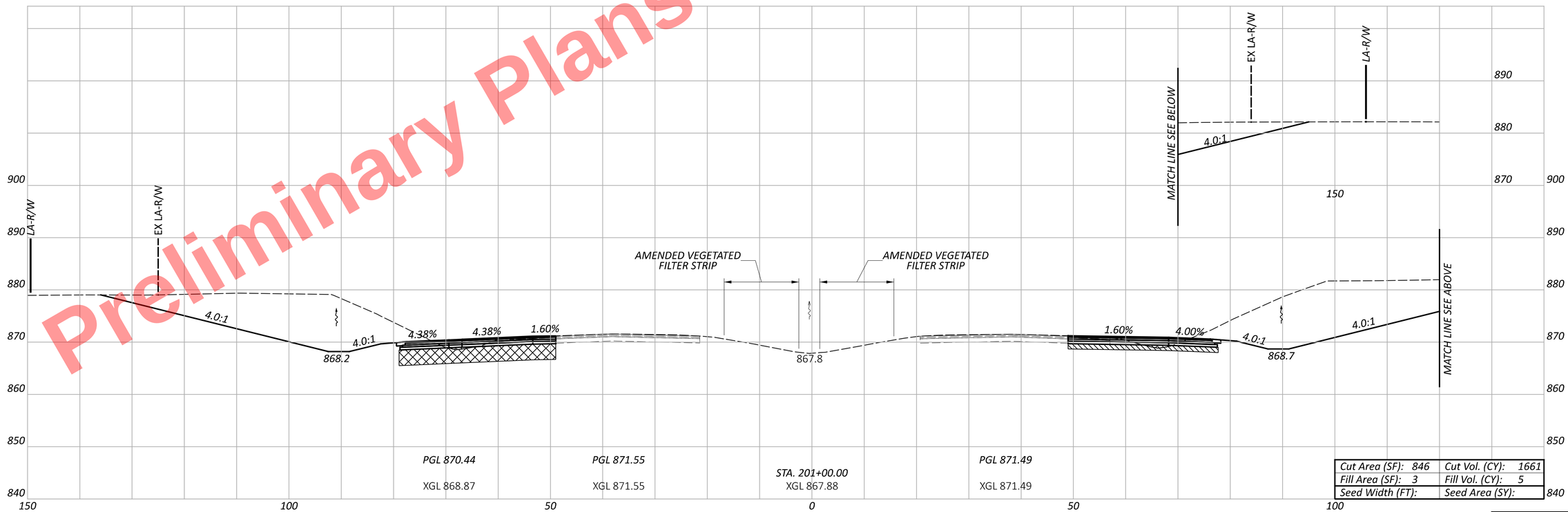
SHEET P.108 TOTAL 323

Preliminary Plans - For Reference Only



PGL 870.32	PGL 871.38	STA. 201+50.00	PGL 871.34
XGL 868.39	XGL 871.38	XGL 867.65	XGL 871.34

Cut Area (SF): 758	Cut Vol. (CY): 1485
Fill Area (SF): 4	Fill Vol. (CY): 6
Seed Width (FT):	Seed Area (SY):



PGL 870.44	PGL 871.55	STA. 201+00.00	PGL 871.49
XGL 868.87	XGL 871.55	XGL 867.88	XGL 871.49

Cut Area (SF): 846	Cut Vol. (CY): 1661
Fill Area (SF): 3	Fill Vol. (CY): 5
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	3146	11

CROSS SECTIONS - US 23
STA. 201+00.00 TO STA. 201+50.00

WYA-23-3.47

MODEL: CLP_US24 - 201+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:18:33 AM PLTDRV: OHDOT_PDF.plctfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCtx02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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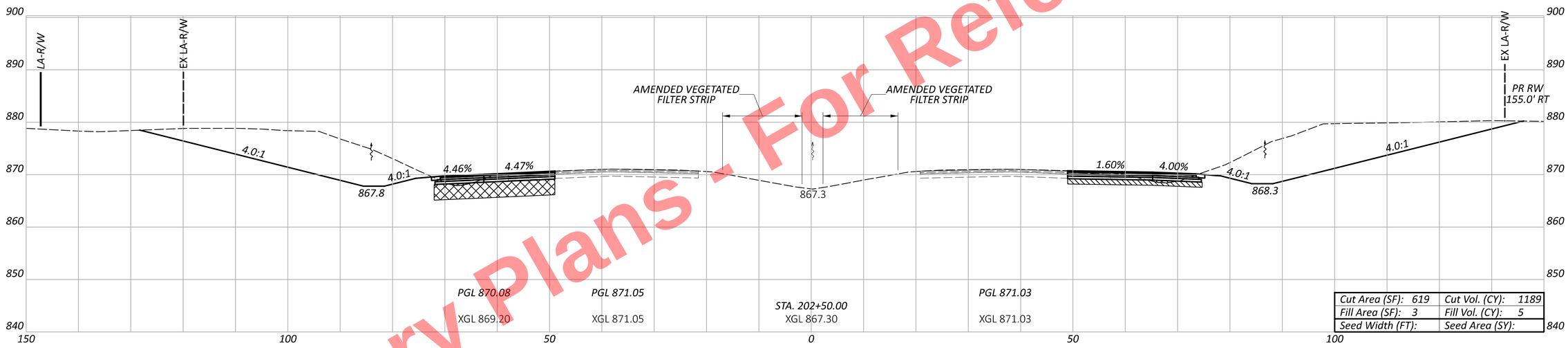
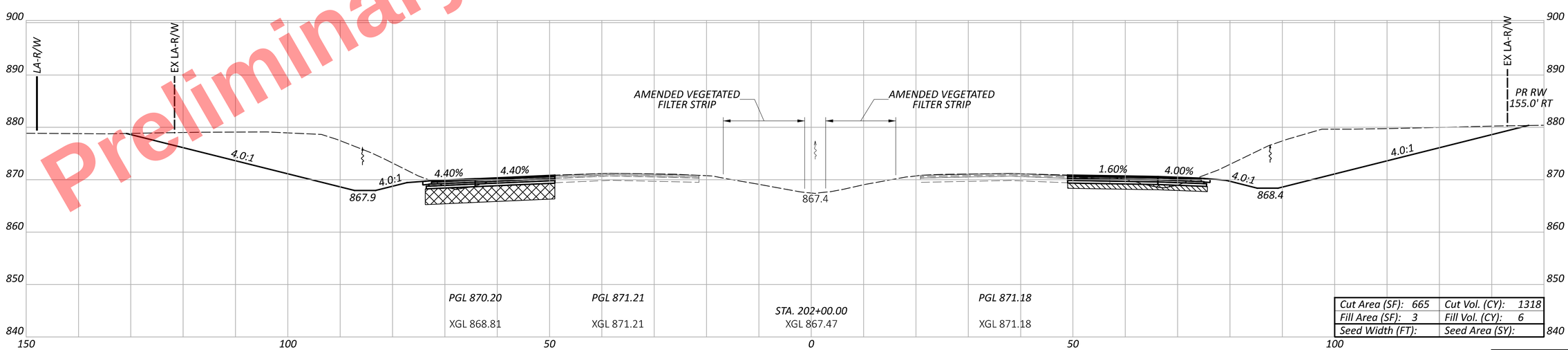
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio
DESIGNER JNL
REVIEWER ACF 02/13/26

PROJECT ID 121424
SHEET P.109 TOTAL 323

Preliminary Plans - For Reference Only





ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	2507	11

CROSS SECTIONS - US 23
STA. 202+00.00 TO STA. 202+50.00

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950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

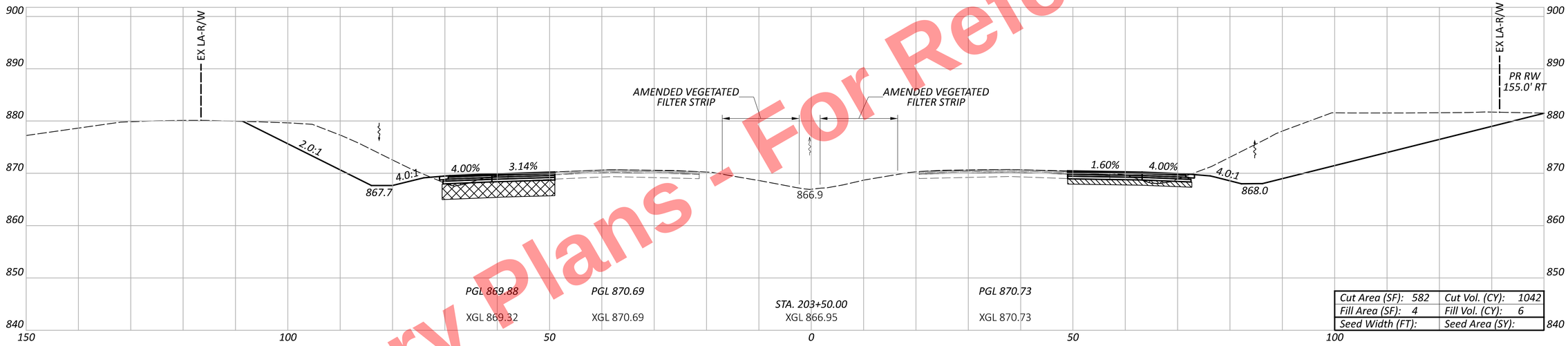
PROJECT ID 121424

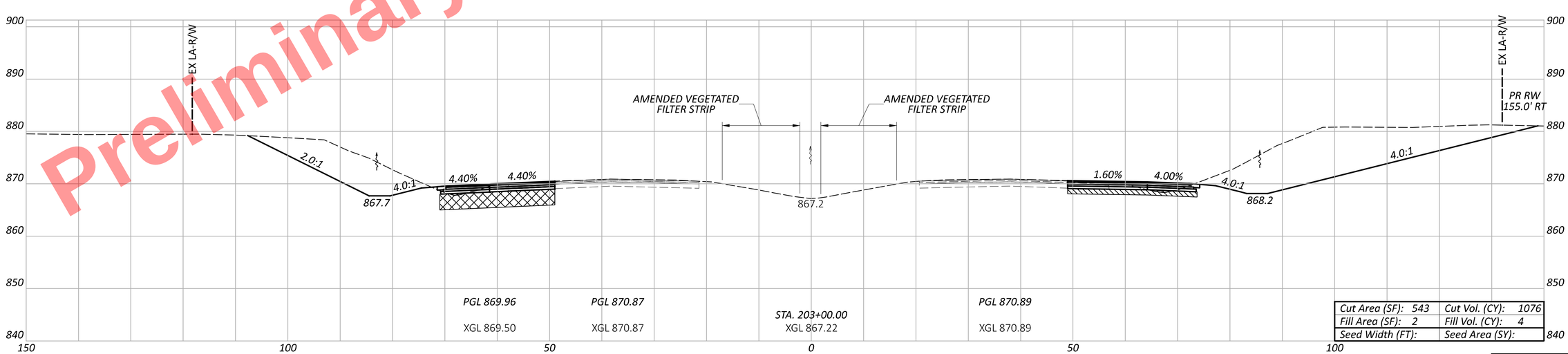
SHEET P.110 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 202+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:18:53 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

Preliminary Plans - For Reference Only





ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	2116	10

CROSS SECTIONS - US 23
STA. 203+00.00 TO STA. 203+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
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DESIGNER JNL

REVIEWER ACF 02/13/26

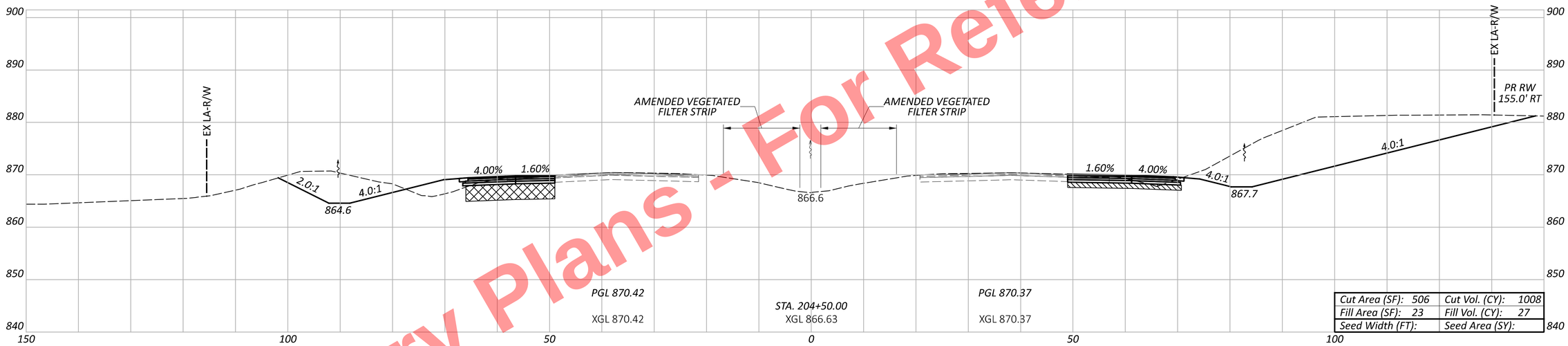
PROJECT ID 121424

SHEET P.111 TOTAL 323

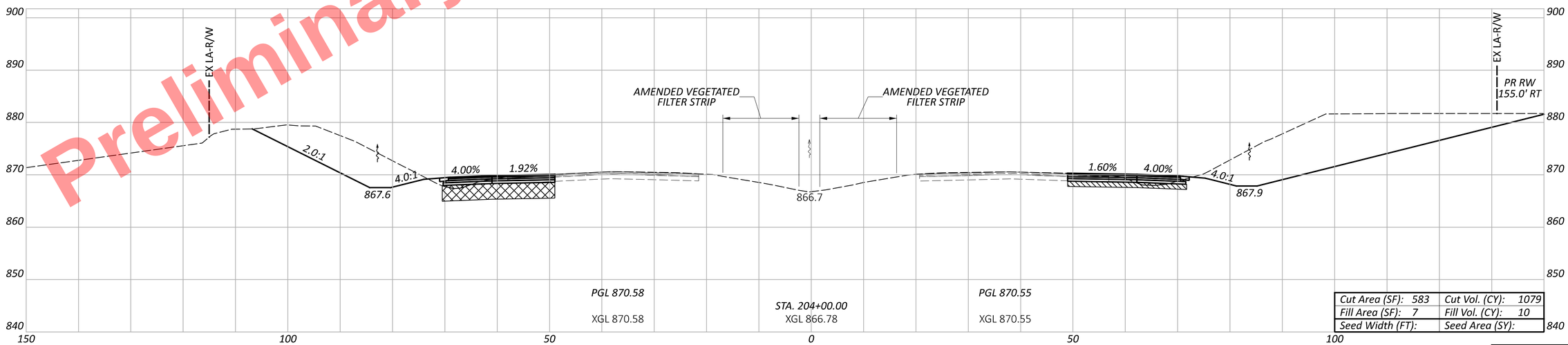
WYA-23-3.47

MODEL: CLP_US24 - 203+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:19:03 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 506	Cut Vol. (CY): 1008
Fill Area (SF): 23	Fill Vol. (CY): 27
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 583	Cut Vol. (CY): 1079
Fill Area (SF): 7	Fill Vol. (CY): 10
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	2087	37

CROSS SECTIONS - US 23
STA. 204+00.00 TO STA. 204+50.00

WYA-23-3.47

MODEL: CLP_US24 - 204+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:19:13 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

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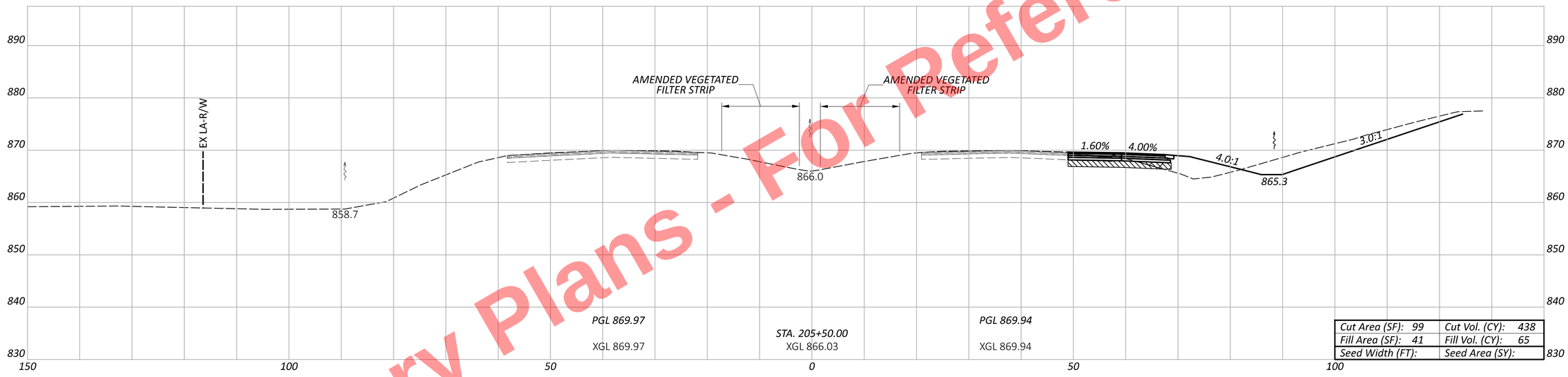
REVIEWER ACF 02/13/26

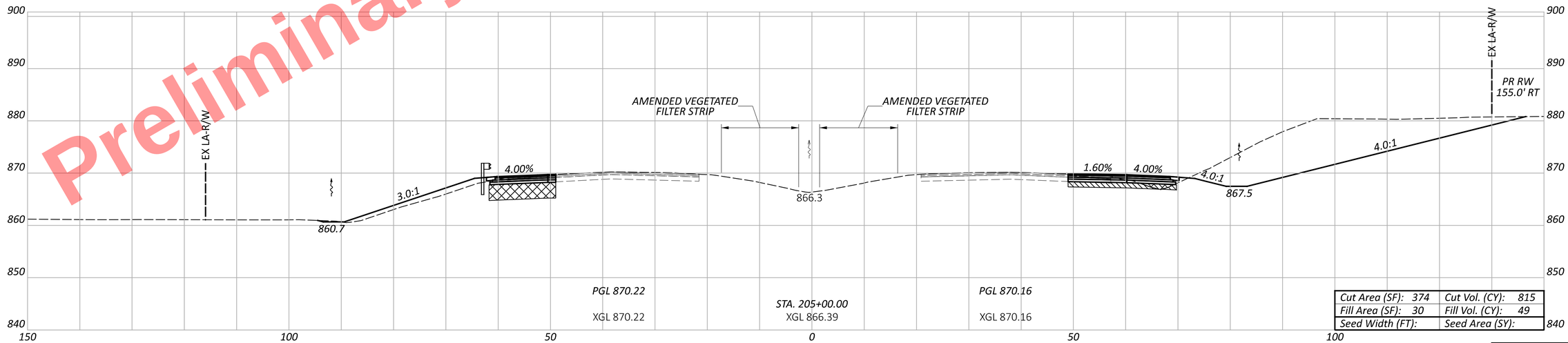
PROJECT ID 121424

SHEET P.112 TOTAL 323

Preliminary Plans - For Reference Only



Cut Area (SF): 99	Cut Vol. (CY): 438
Fill Area (SF): 41	Fill Vol. (CY): 65
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 374	Cut Vol. (CY): 815
Fill Area (SF): 30	Fill Vol. (CY): 49
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1253	114

CROSS SECTIONS - US 23
STA. 205+00.00 TO STA. 205+50.00

WYA-23-3.47

MODEL: CLP_US24 - 205+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:19:22 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

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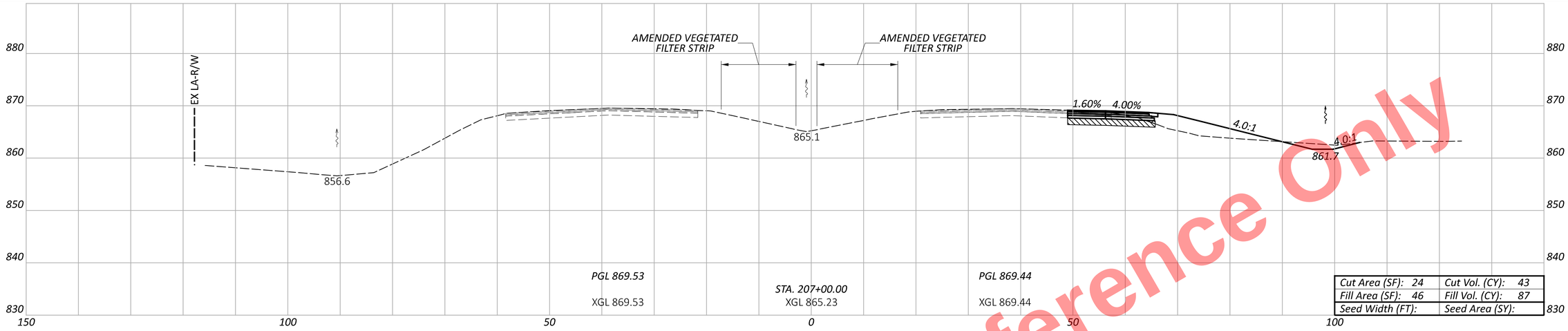
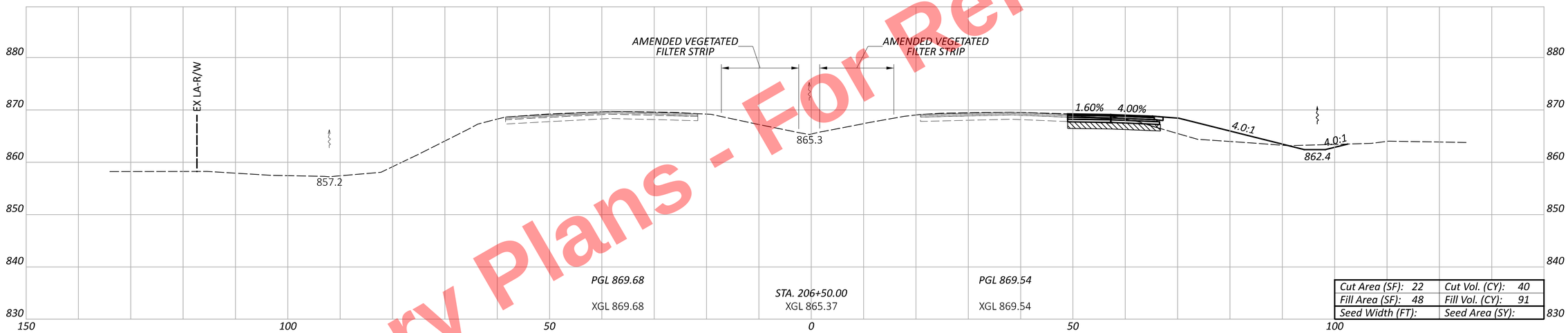
PROJECT ID 121424

SHEET P.113 TOTAL 323

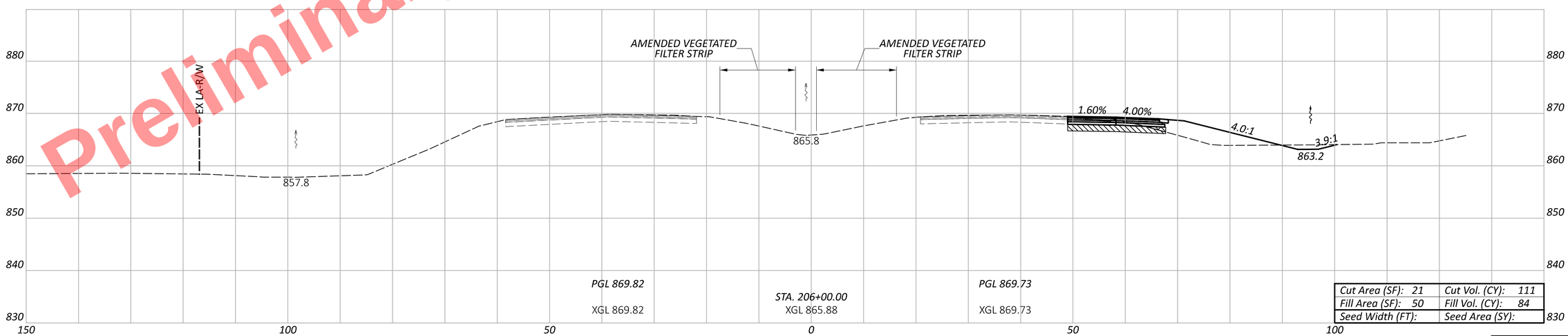
Preliminary Plans - For Reference Only



Cut Area (SF): 24	Cut Vol. (CY): 43
Fill Area (SF): 46	Fill Vol. (CY): 87
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 22	Cut Vol. (CY): 40
Fill Area (SF): 48	Fill Vol. (CY): 91
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 21	Cut Vol. (CY): 111
Fill Area (SF): 50	Fill Vol. (CY): 84
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	194	262

WYA-23-3.47

CROSS SECTIONS - US 23
STA. 206+00.00 TO STA. 207+00.00

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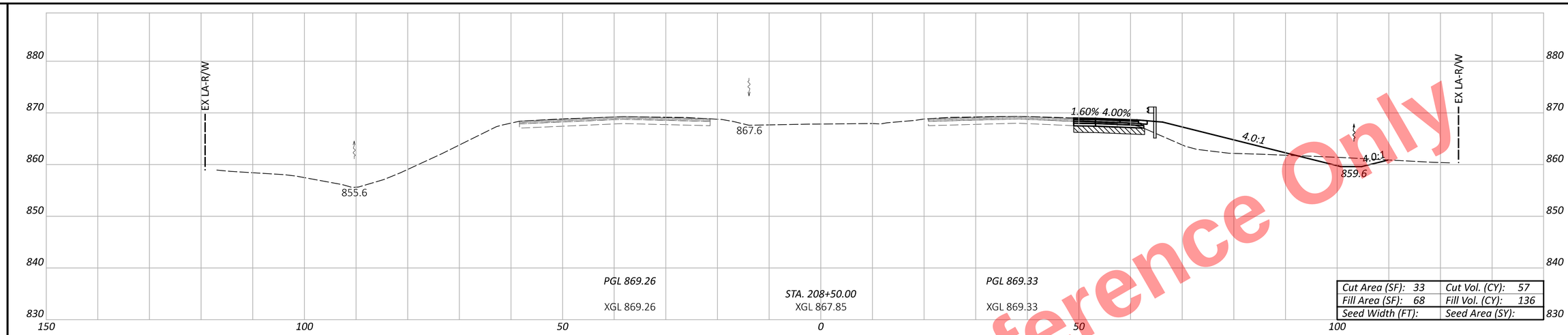
PROJECT ID 121424

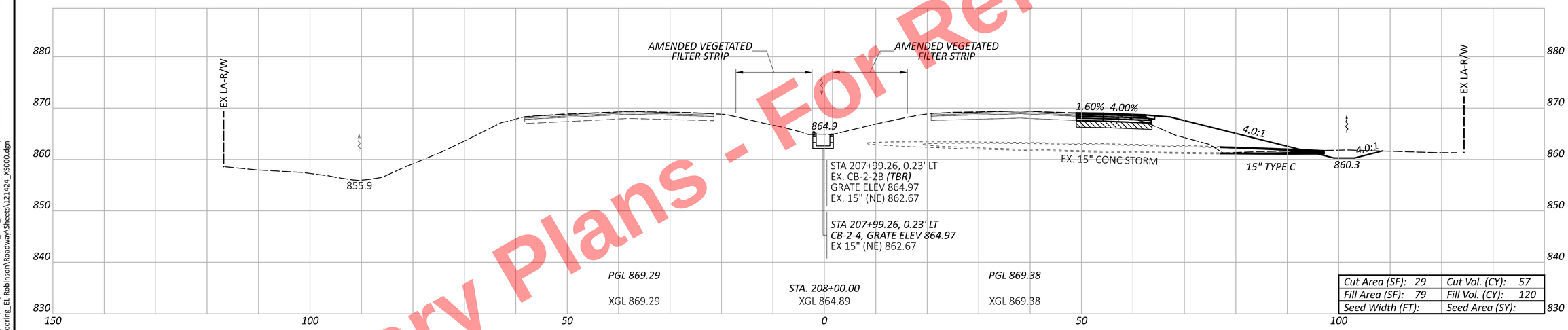
SHEET P.114 TOTAL 323

MODEL: CLP_US24 - 206+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:46:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

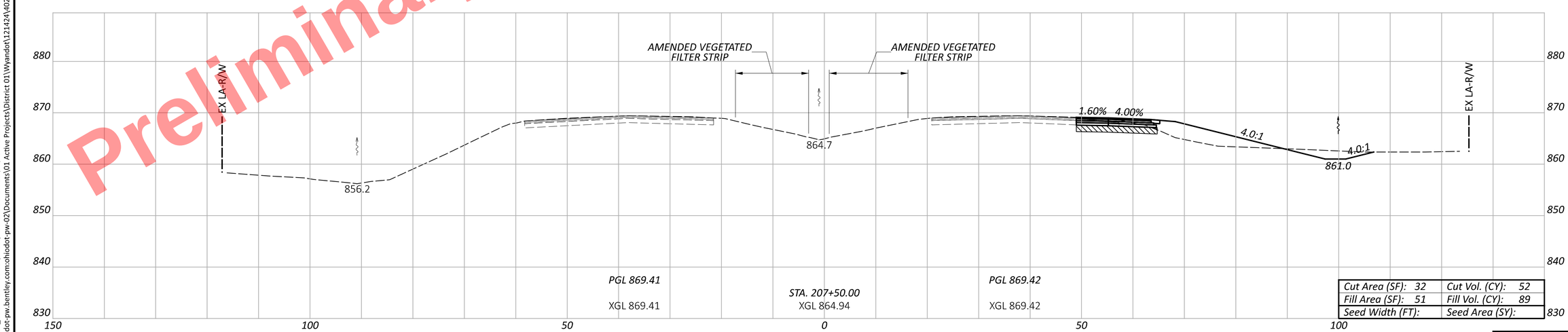
Preliminary Plans - For Reference Only



Cut Area (SF): 33	Cut Vol. (CY): 57
Fill Area (SF): 68	Fill Vol. (CY): 136
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 29	Cut Vol. (CY): 57
Fill Area (SF): 79	Fill Vol. (CY): 120
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 32	Cut Vol. (CY): 52
Fill Area (SF): 51	Fill Vol. (CY): 89
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	166	345

CROSS SECTIONS - US 23
STA. 207+50.00 TO STA. 208+50.00

WYA-23-3.47

MODEL: CLP_US24 - 207+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:47:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

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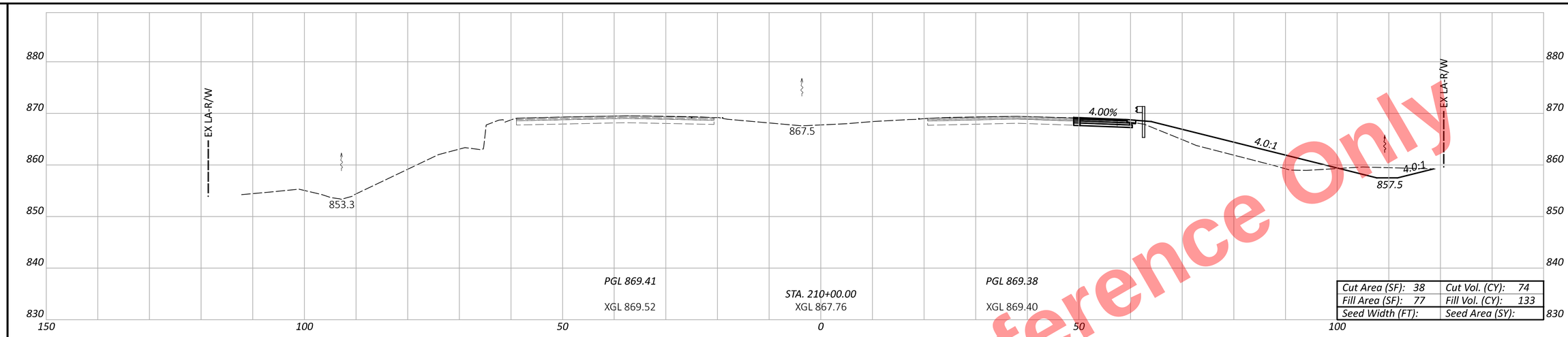
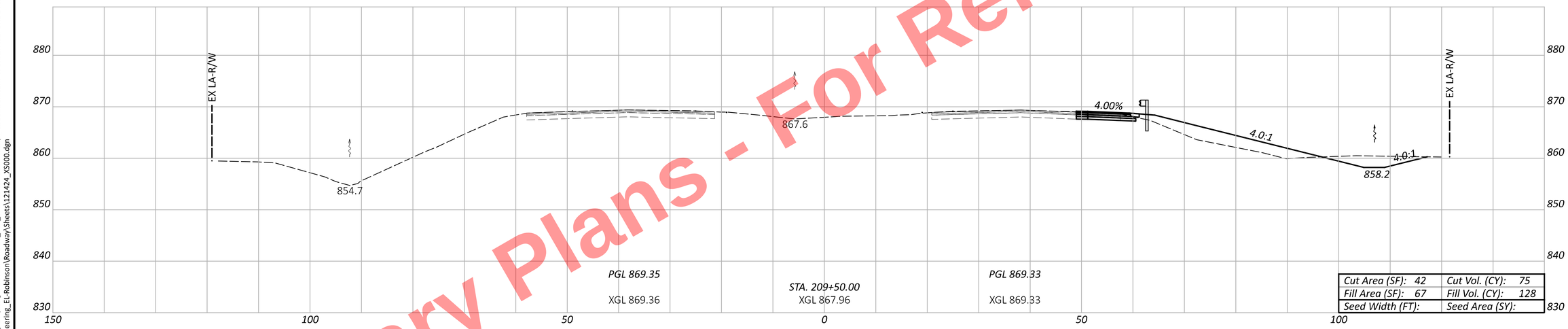
PROJECT ID 121424

SHEET P.115 | TOTAL 323

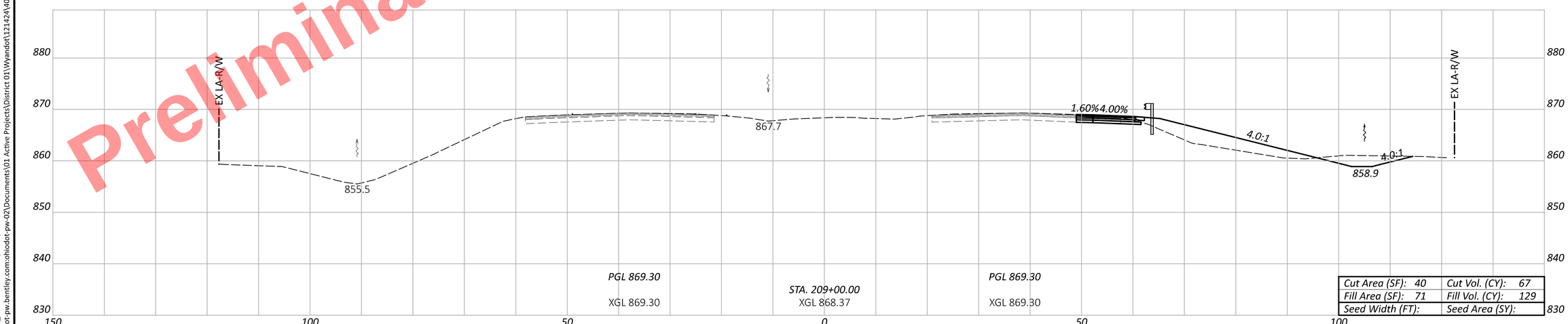
Preliminary Plans - For Reference Only



Cut Area (SF): 38	Cut Vol. (CY): 74
Fill Area (SF): 77	Fill Vol. (CY): 133
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 42	Cut Vol. (CY): 75
Fill Area (SF): 67	Fill Vol. (CY): 128
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 40	Cut Vol. (CY): 67
Fill Area (SF): 71	Fill Vol. (CY): 129
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	216	390

CROSS SECTIONS - US 23
STA. 209+00.00 TO STA. 210+00.00

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PROJECT ID 121424

SHEET P.116 TOTAL 323

WYA-23-3.47

MODEL: CLP_US24 - 209+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:47:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS000.dgn

Preliminary Plans - For Reference Only

Cut Area (SF): 18	Cut Vol. (CY): 8
Fill Area (SF): 66	Fill Vol. (CY): 22
Seed Width (FT):	Seed Area (SY):

Cut Area (SF): 23	Cut Vol. (CY): 57
Fill Area (SF): 51	Fill Vol. (CY): 119
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	65	141

CROSS SECTIONS - US 23
STA. 210+50.00 TO STA. 210+60.19

WYA-23-3.47

MODEL: CLP_US24 - 210+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:47:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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Grandview Heights, Ohio

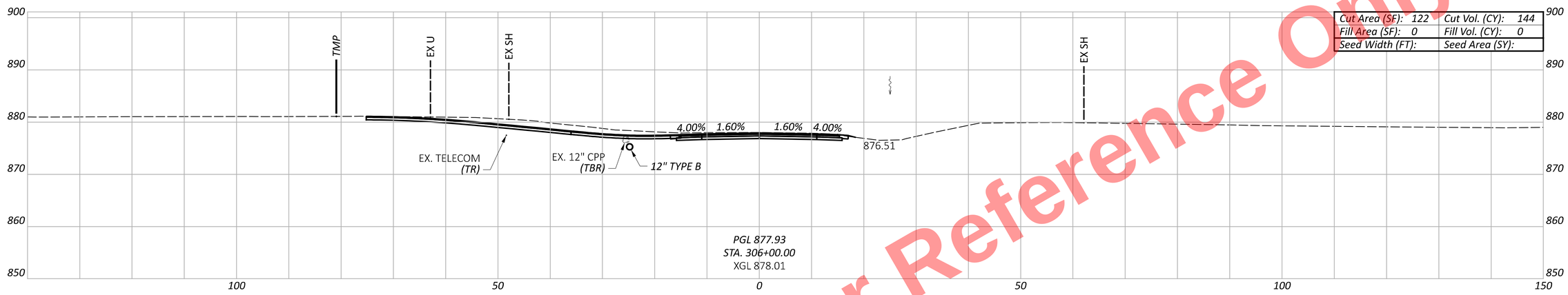
DESIGNER JNL

REVIEWER ACF 02/13/26

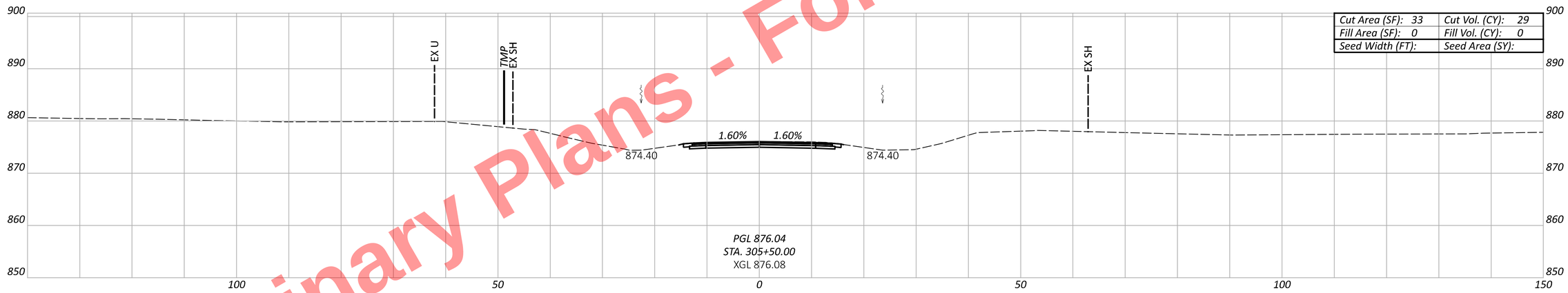
PROJECT ID 121424

SHEET P.117 | TOTAL 323

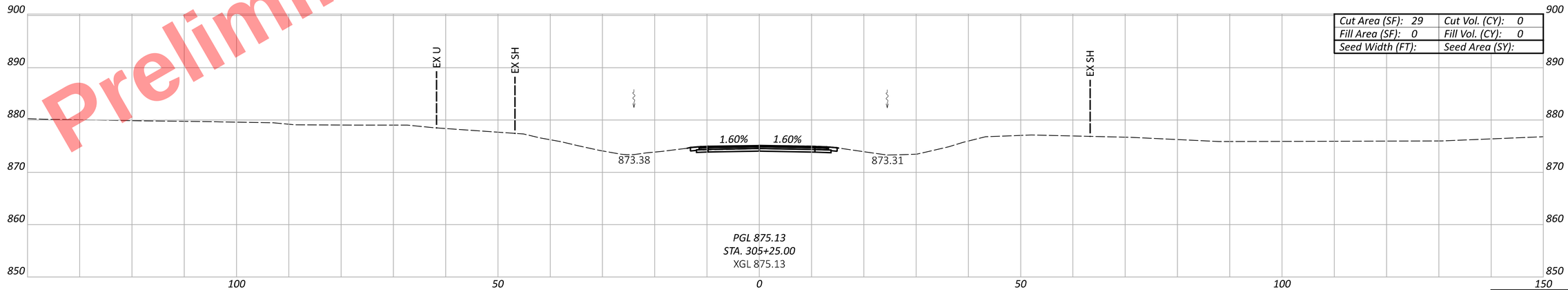
Preliminary Plans - For Reference Only



Cut Area (SF): 122	Cut Vol. (CY): 144
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 33	Cut Vol. (CY): 29
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 29	Cut Vol. (CY): 0
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	173	0

CROSS SECTIONS - SR 294
STA. 305+25.00 TO STA. 306+00.00

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Grandview Heights, Ohio

DESIGNER: JNL

REVIEWER: ACF 02/13/26

PROJECT ID: 121424

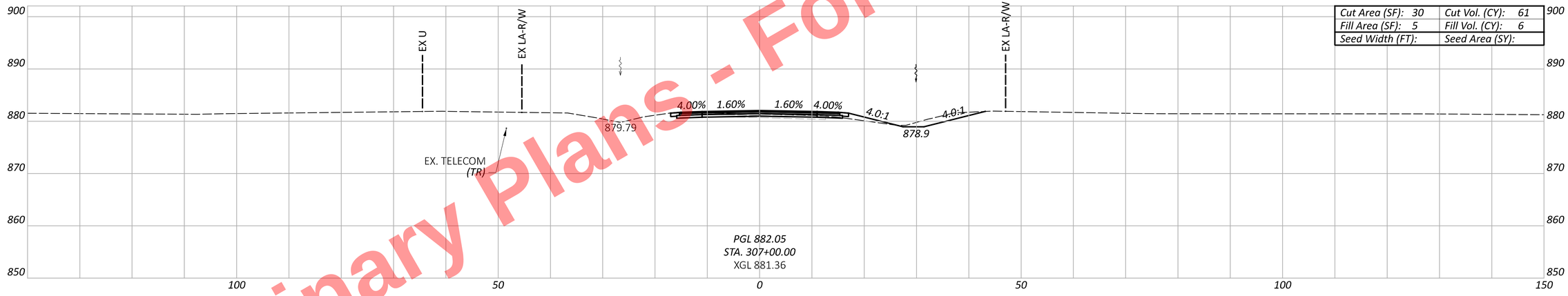
SHEET: P.118 | TOTAL: 323

WYA-23-3.47

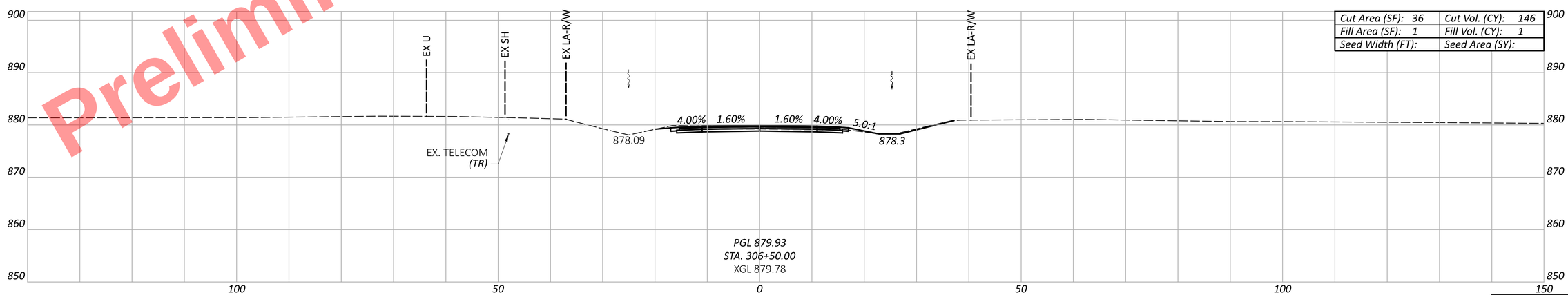
MODEL: CLP_SR295 - 305+25.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:48:05 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only

Cut Area (SF): 22	Cut Vol. (CY): 48
Fill Area (SF): 32	Fill Vol. (CY): 35
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 30	Cut Vol. (CY): 61
Fill Area (SF): 5	Fill Vol. (CY): 6
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 36	Cut Vol. (CY): 146
Fill Area (SF): 1	Fill Vol. (CY): 1
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - SR 294
STA. 306+50.00 TO STA. 307+50.00

Sheet Totals		
Seeding	Cut	Fill
	256	42

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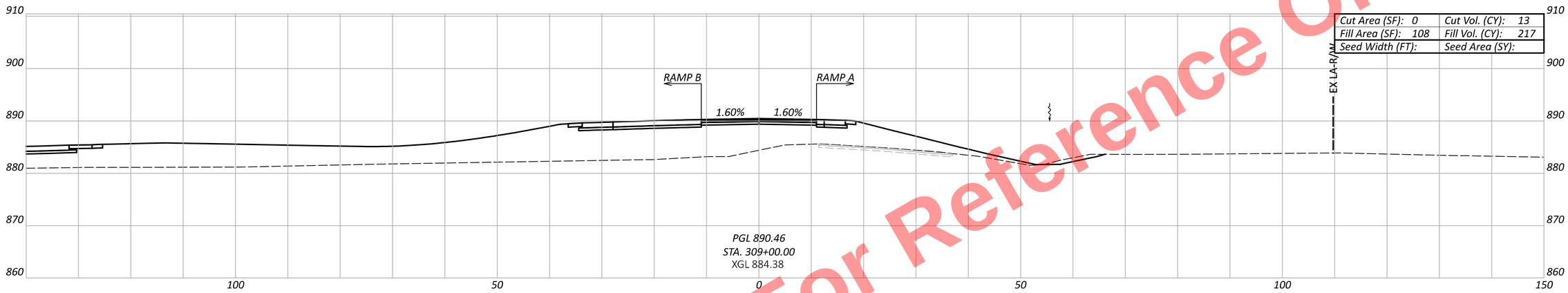
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.119 TOTAL: 323

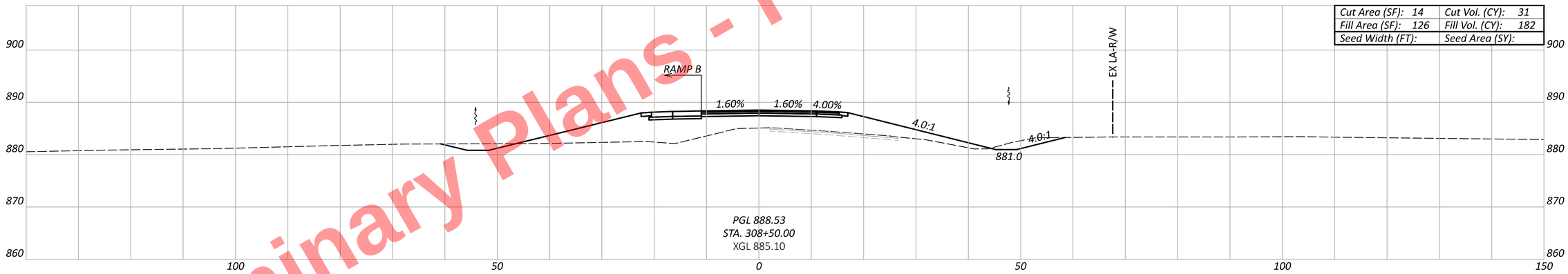
WYA-23-3.47

MODEL: CLP_SR295 - 306+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:48:27 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

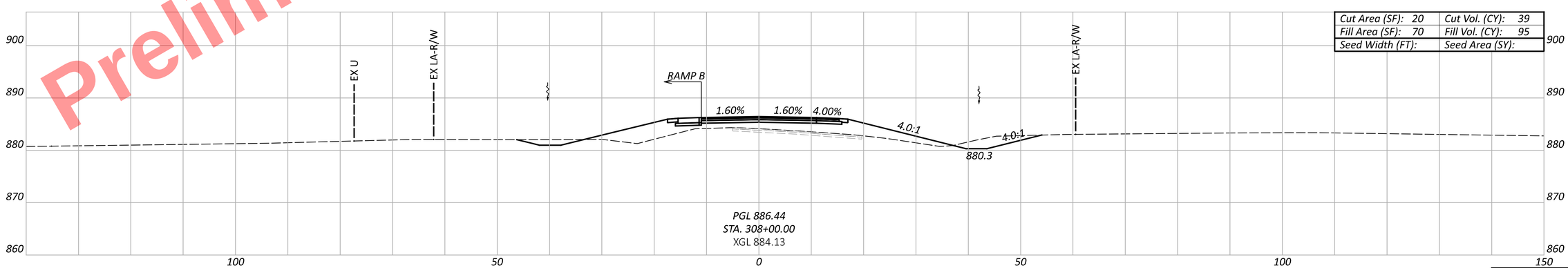
Preliminary Plans - For Reference Only



Cut Area (SF): 0	Cut Vol. (CY): 13
Fill Area (SF): 108	Fill Vol. (CY): 217
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 14	Cut Vol. (CY): 31
Fill Area (SF): 126	Fill Vol. (CY): 182
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 20	Cut Vol. (CY): 39
Fill Area (SF): 70	Fill Vol. (CY): 95
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	83	493

CROSS SECTIONS - SR 294
STA. 308+00.00 TO STA. 309+00.00

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1468 West 9th St. Suite 800
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Grandview Heights, Ohio

DESIGNER: JNL

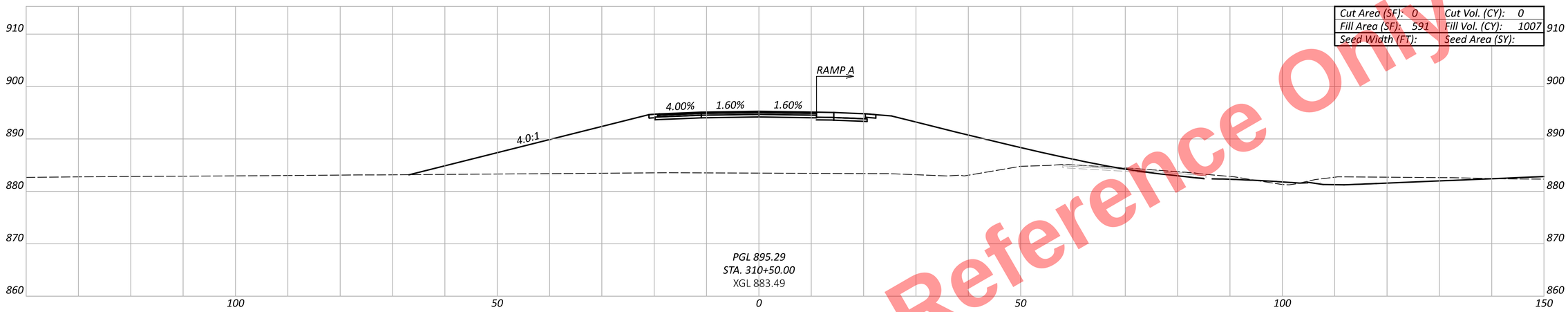
REVIEWER: ACF 02/13/26

PROJECT ID: 121424

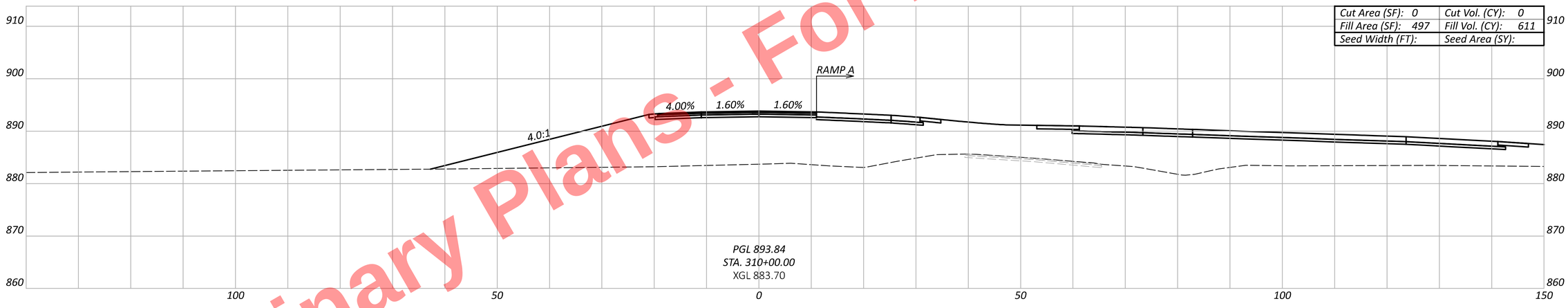
SHEET: P.120 TOTAL: 323

WYA-23-3.47

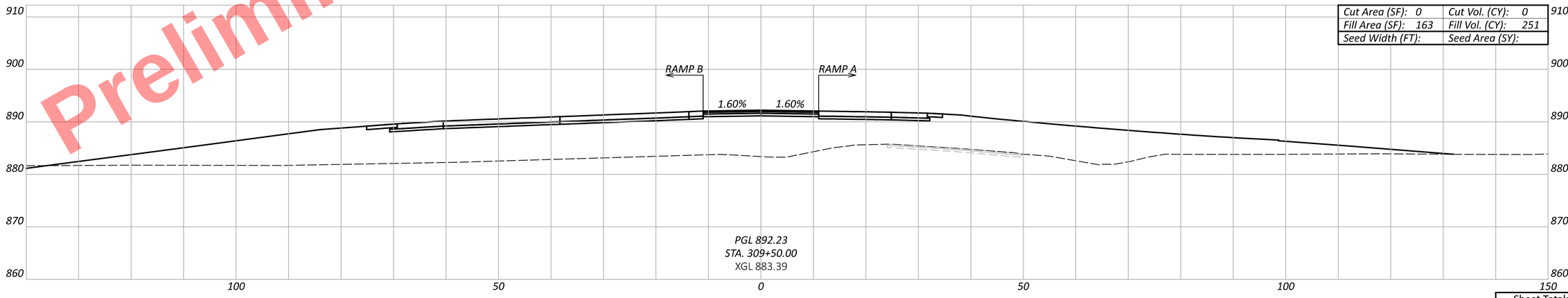
MODEL: CLP_SR295 - 308+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:48:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 591	Fill Vol. (CY): 1007
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 497	Fill Vol. (CY): 611
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 163	Fill Vol. (CY): 251
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	0	1870

Preliminary Plans - For Reference Only

CROSS SECTIONS - SR 294
STA. 309+50.00 TO STA. 310+50.00

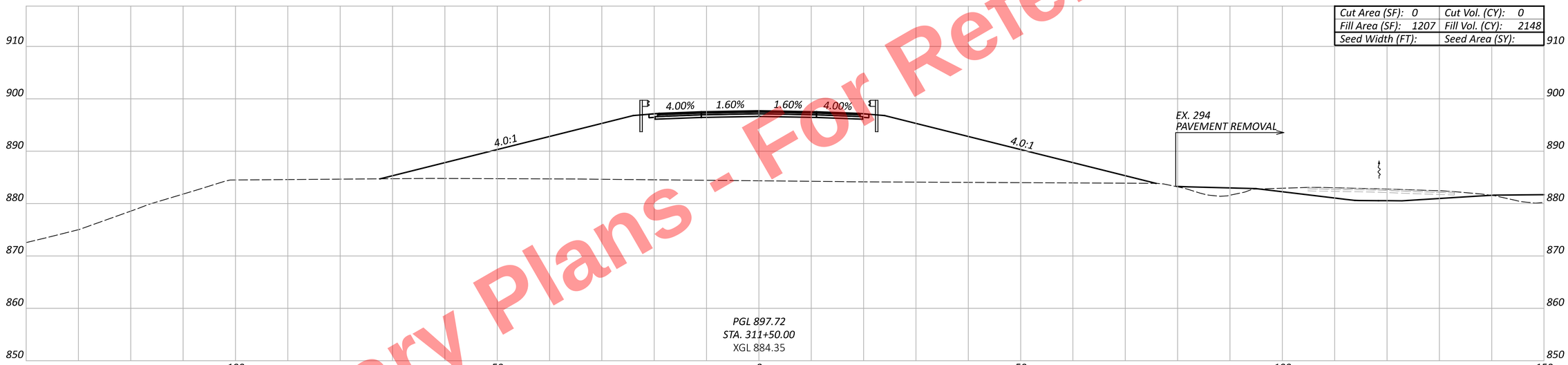
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.121 TOTAL 323

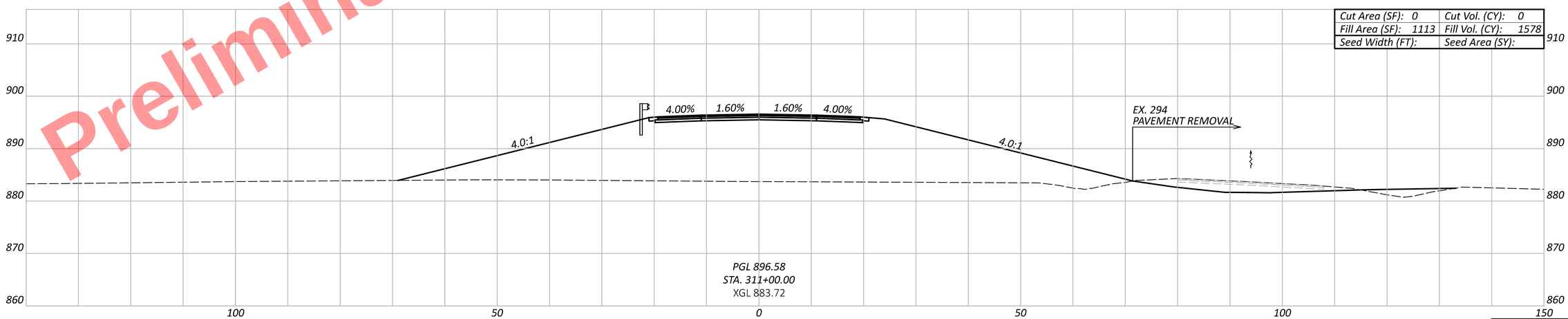
WYA-23-3.47

MODEL: CLP_SR295 - 309+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:49:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 1207	Fill Vol. (CY): 2148
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 1113	Fill Vol. (CY): 1578
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	0	3726

CROSS SECTIONS - SR 294
STA. 311+00.00 TO STA. 311+50.00

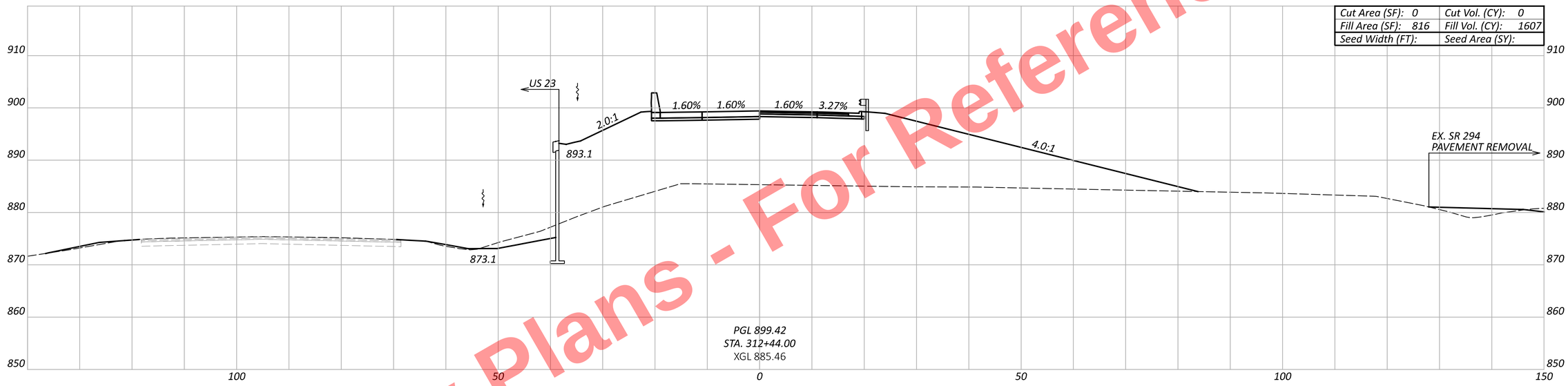
WYA-23-3.47

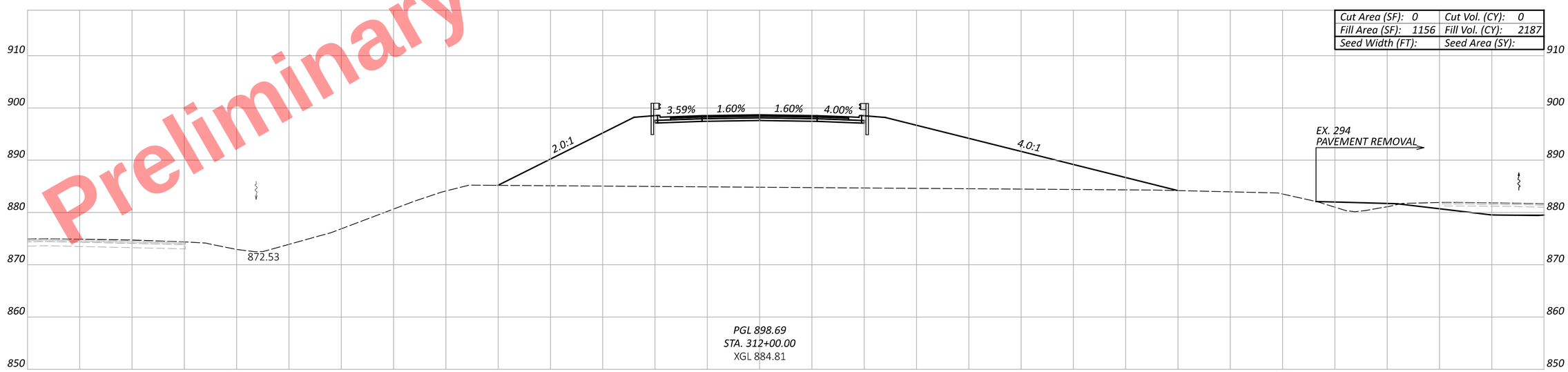
MODEL: CLP_SR295 - 311+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:49:23 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.122 TOTAL: 323

Preliminary Plans - For Reference Only





Sheet Totals		
Seeding	Cut	Fill
	31	4135

CROSS SECTIONS - SR 294
SSTA. 312+00.00 TO STA. 312+44.00

WYA-23-3.47

MODEL: CLP_SR295 - 312+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:49:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn
WYA-23.tbl
121424_XS100

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

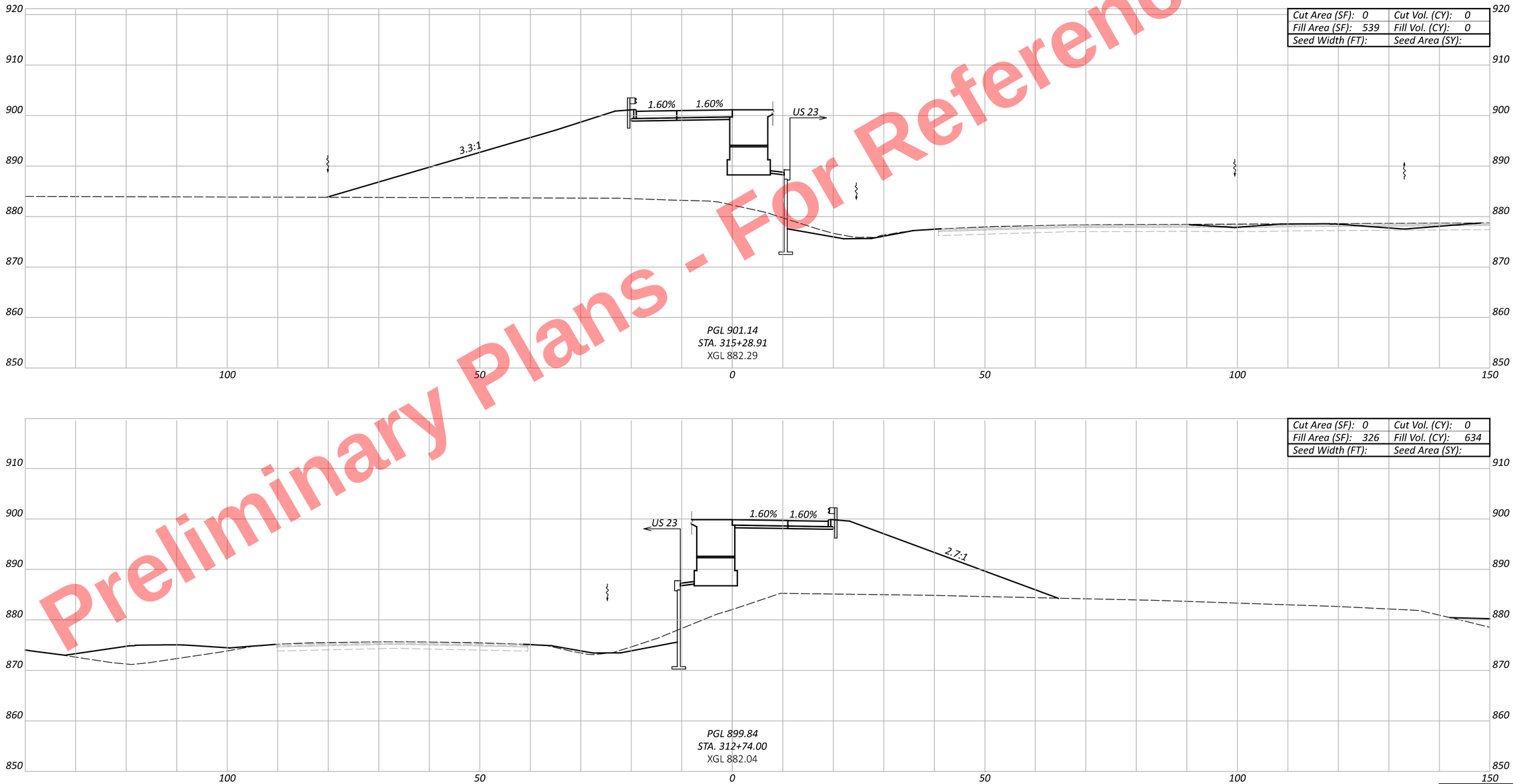
DESIGNER
KRF

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.123 TOTAL 323

Preliminary Plans - For Reference Only



CROSS SECTIONS - SR 294
STA. 312+74.00 TO STA. 315+28.91

Sheet Totals		
Seeding	Cut	Fill
	0	634

DESIGN AGENCY
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DESIGNER KRF

REVIEWER ACF 02/13/26

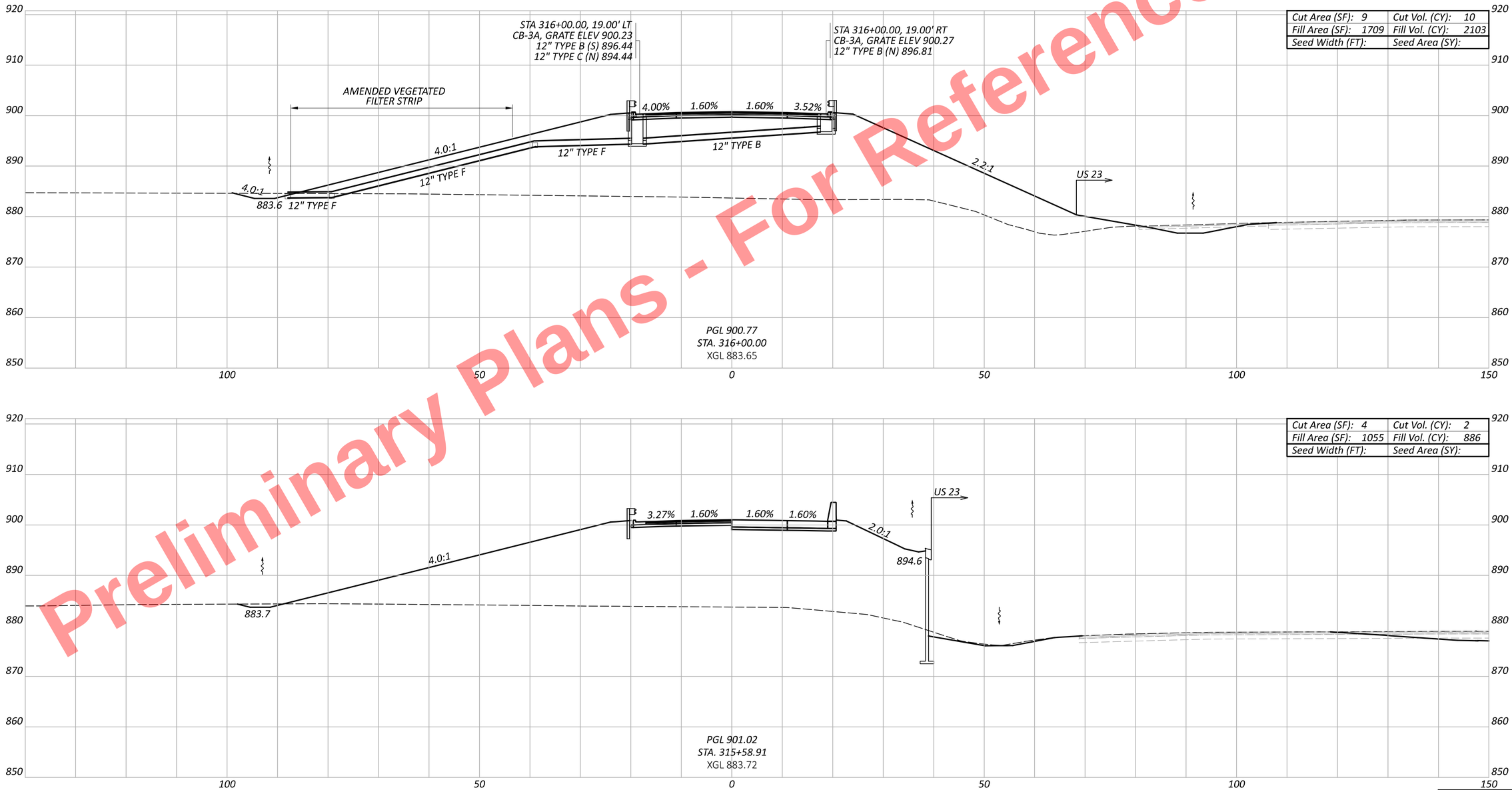
PROJECT ID 121424

SHEET P.124 TOTAL 323

WYA-23-3.47

MODEL: CLP_SR295 - 312+74.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:49:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 9	Cut Vol. (CY): 10
Fill Area (SF): 1709	Fill Vol. (CY): 2103
Seed Width (FT):	Seed Area (SY):

Cut Area (SF): 4	Cut Vol. (CY): 2
Fill Area (SF): 1055	Fill Vol. (CY): 886
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	24	2449

CROSS SECTIONS - SR 294
STA. 315+58.91 TO STA. 316+00.00

WYA-23-3.47

MODEL: CLP_SR295 - 315+58.91 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:50:05 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

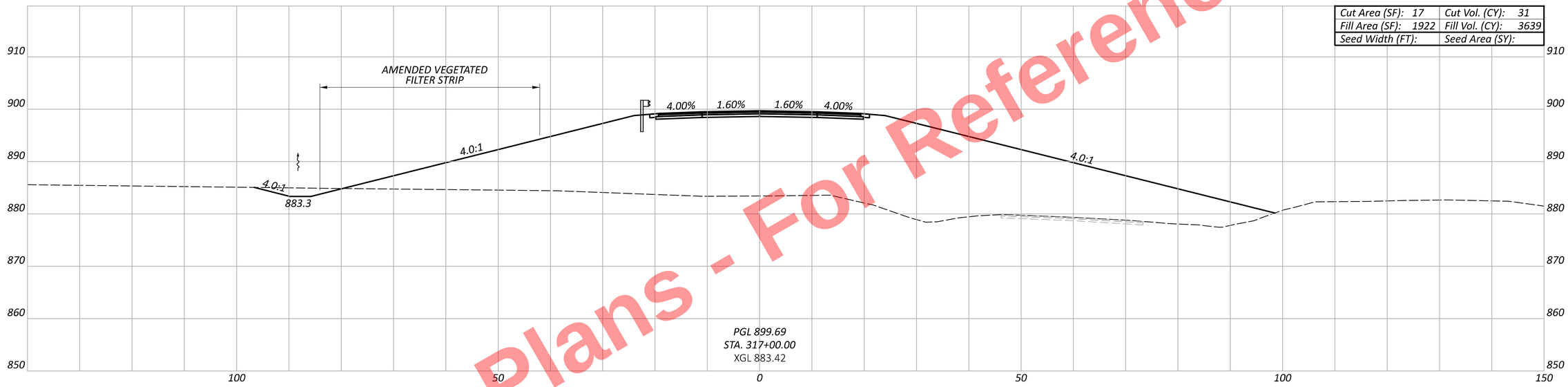
REVIEWER ACF 02/13/26

PROJECT ID 121424

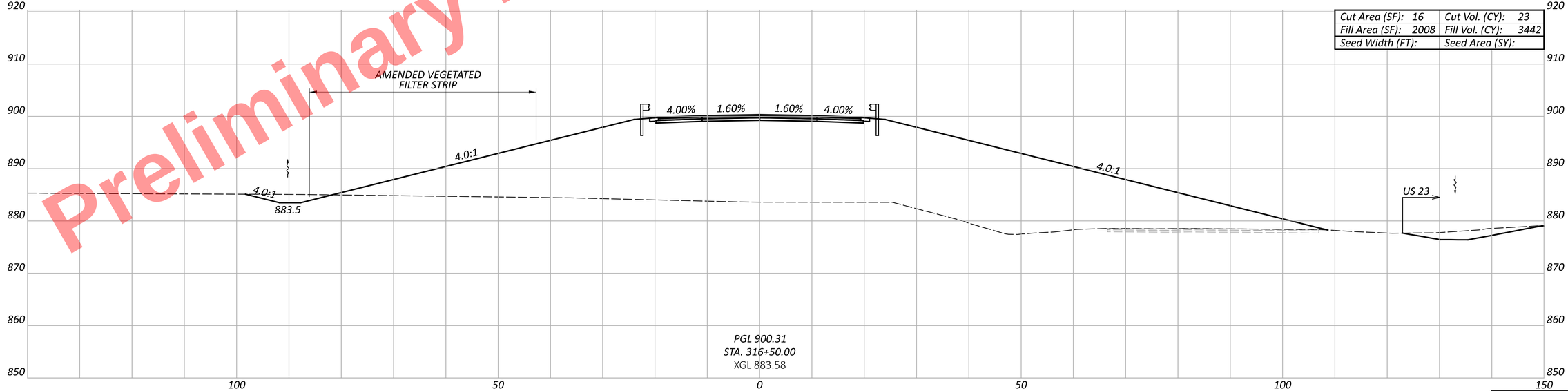
SHEET P.125 TOTAL 323

Preliminary Plans - For Reference Only

Cut Area (SF): 17	Cut Vol. (CY): 31
Fill Area (SF): 1922	Fill Vol. (CY): 3639
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 16	Cut Vol. (CY): 23
Fill Area (SF): 2008	Fill Vol. (CY): 3442
Seed Width (FT):	Seed Area (SY):



Sheet Totals		
Seeding	Cut	Fill
	54	7073

CROSS SECTIONS - SR 294
STA. 316+50.00 TO STA. 317+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

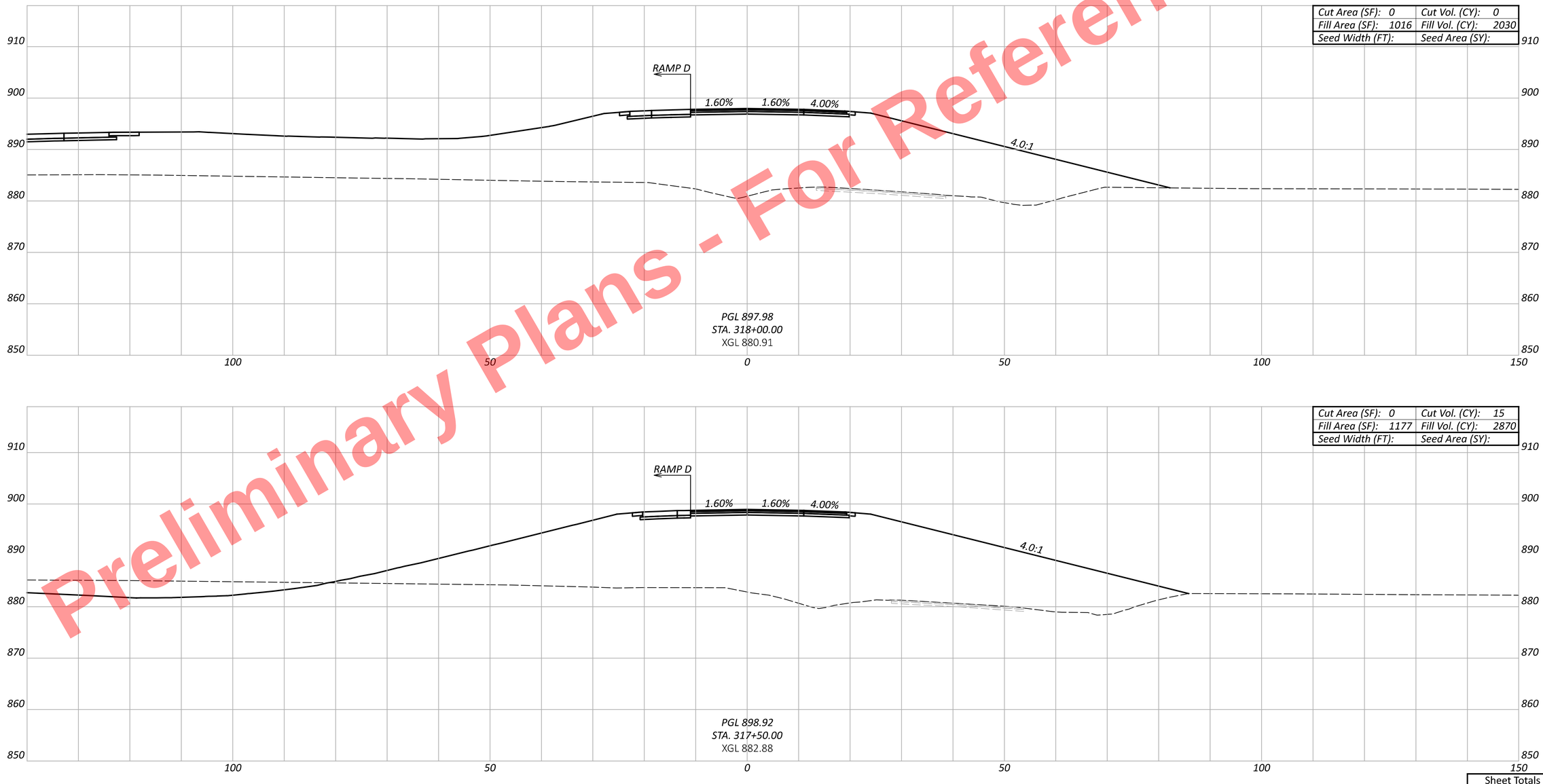
PROJECT ID 121424

SHEET P.126 TOTAL 323

WYA-23-3.47

MODEL: CLP_SR295 - 316+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:50:20 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: krahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only



Sheet Totals		
Seeding	Cut	Fill
	15	4900

CROSS SECTIONS - SR 294
STA. 317+50.00 TO STA. 318+00.00

DESIGN AGENCY
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1468 West 9th St, Suite 800
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Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.127
TOTAL 323

WYA-23-3.47

MODEL: CLP_SR295 - 317+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:50:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only

MODEL: CLP_SR295 - 318+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:50:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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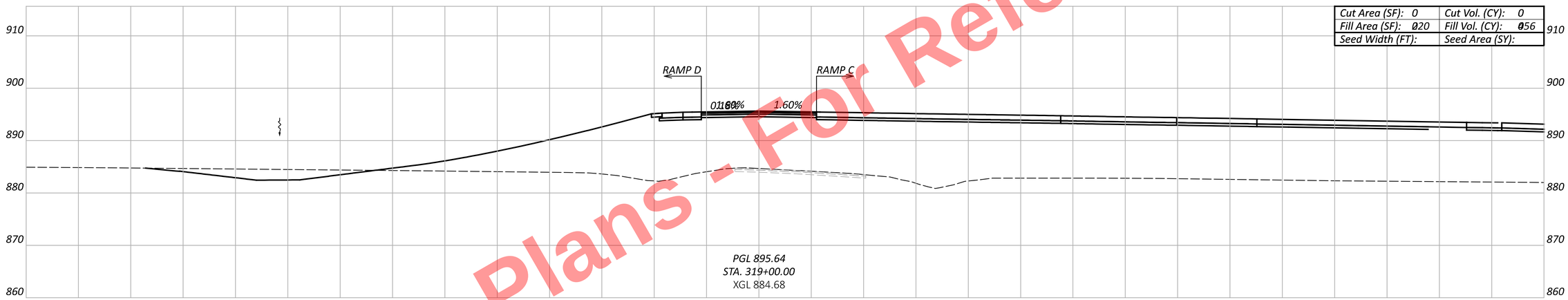
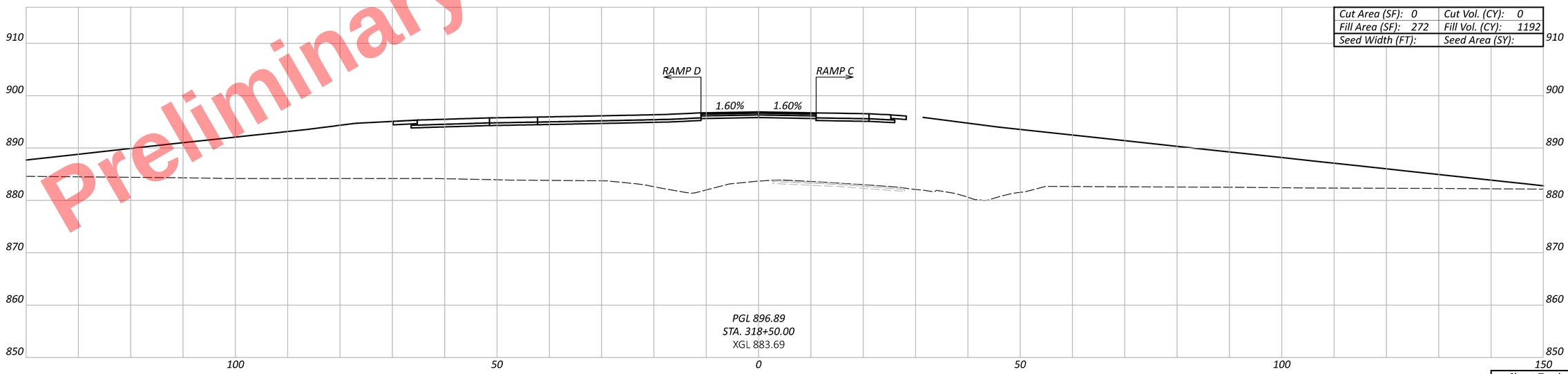
WYA-23-3.47

CROSS SECTIONS - SR 294
STA. 318+50.00 TO STA. 319+00.00





Sheet Totals		
Seeding	Cut	Fill
	0	1648

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

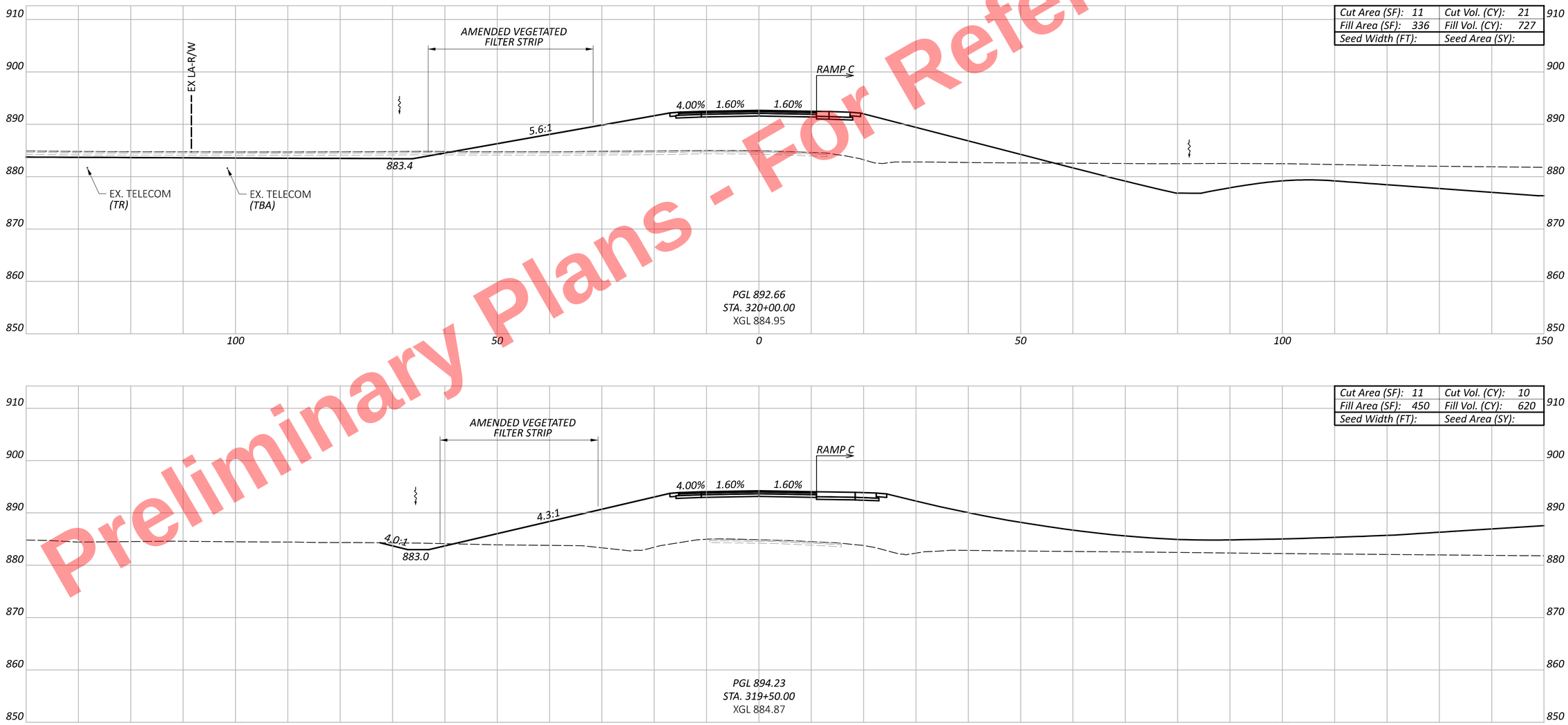
DESIGNER
JNL

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.128 TOTAL 323

Preliminary Plans - For Reference Only



CROSS SECTIONS - SR 294
STA. 319+50.00 TO STA. 320+00.00

WYA-23-3.47

MODEL: CLP_SR295 - 319+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:51:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Sheet Totals		
Seeding	Cut	Fill
	31	1348

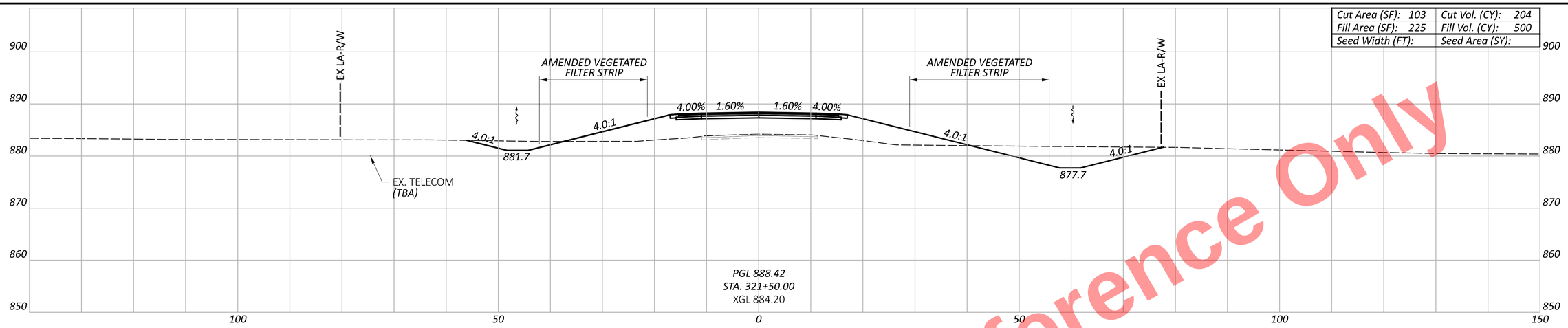
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

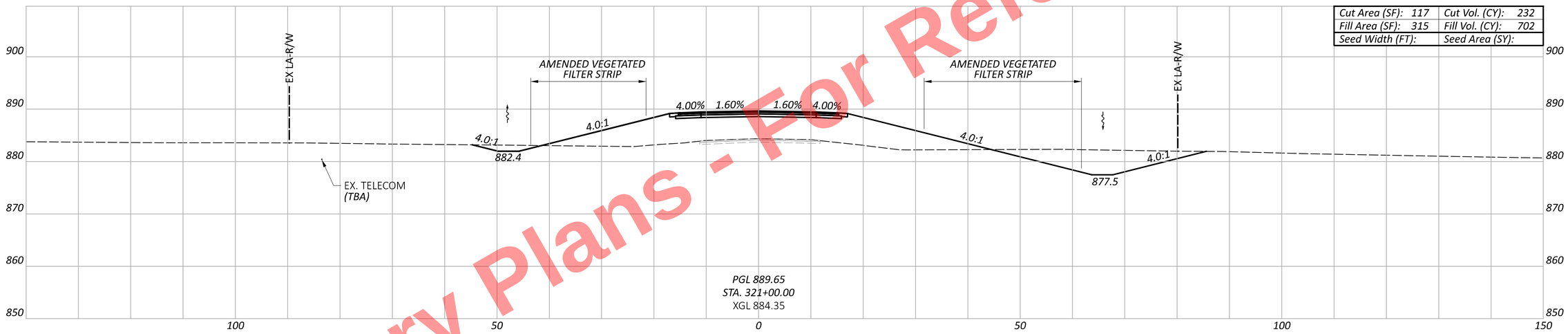
DESIGNER JNL

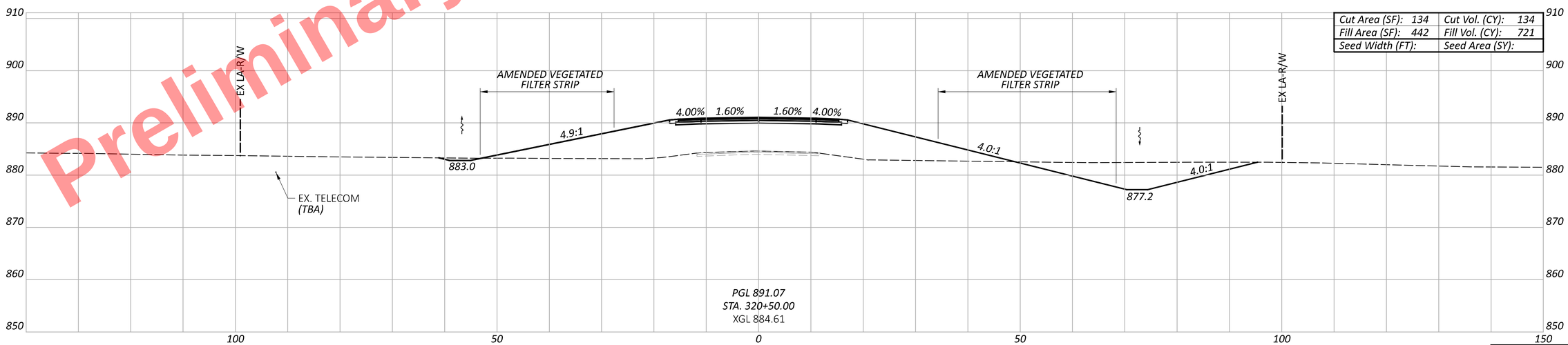
REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.129 TOTAL 323







Preliminary Plans - For Reference Only

CROSS SECTIONS - SR 294
STA. 320+50.00 TO STA. 321+50.00

Sheet Totals		
Seeding	Cut	Fill
	570	1923

DESIGN AGENCY
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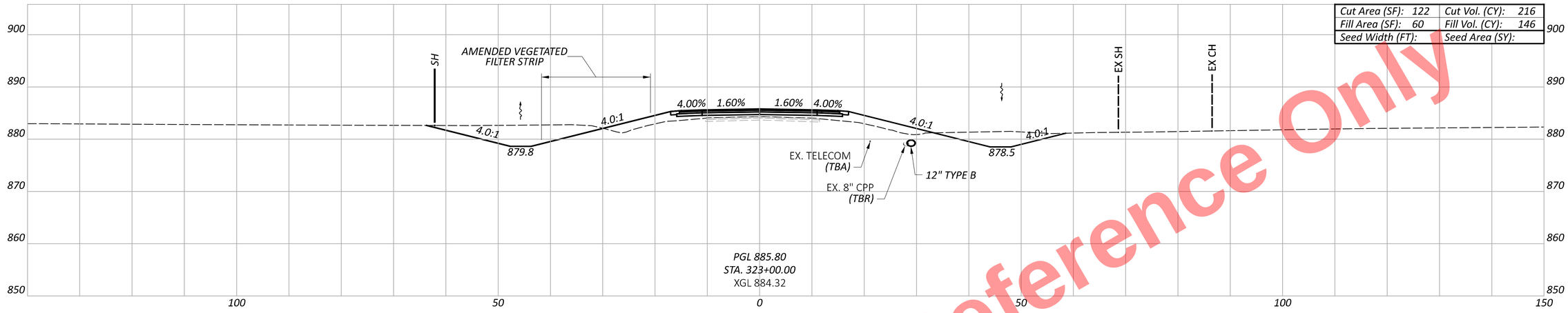
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

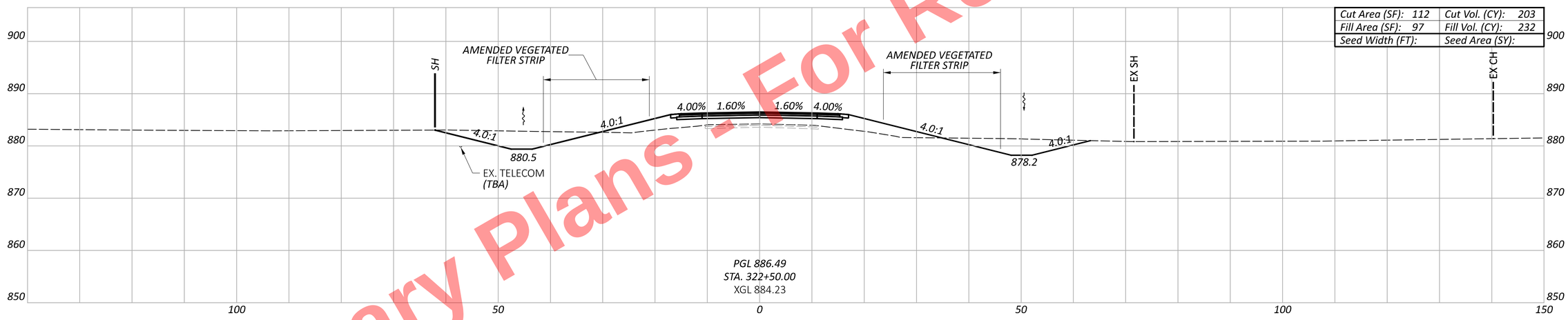
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.130 TOTAL 323

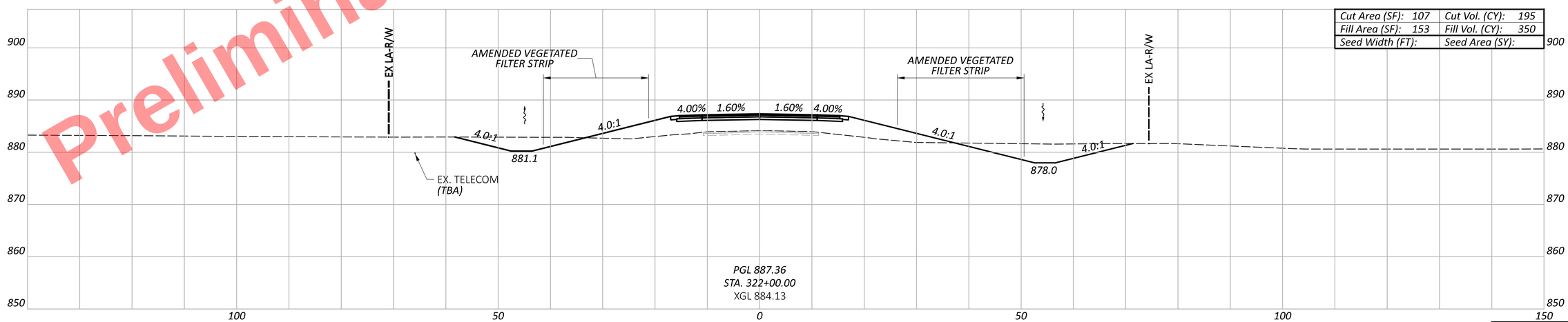
WYA-23-3.47

MODEL: CLP_SR295 - 320+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:51:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: klahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

Preliminary Plans - For Reference Only







CROSS SECTIONS - SR 294
STA. 322+00.00 TO STA. 323+00.00

Sheet Totals		
Seeding	Cut	Fill
	614	728

DESIGN AGENCY
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1468 West 9th St, Suite 800
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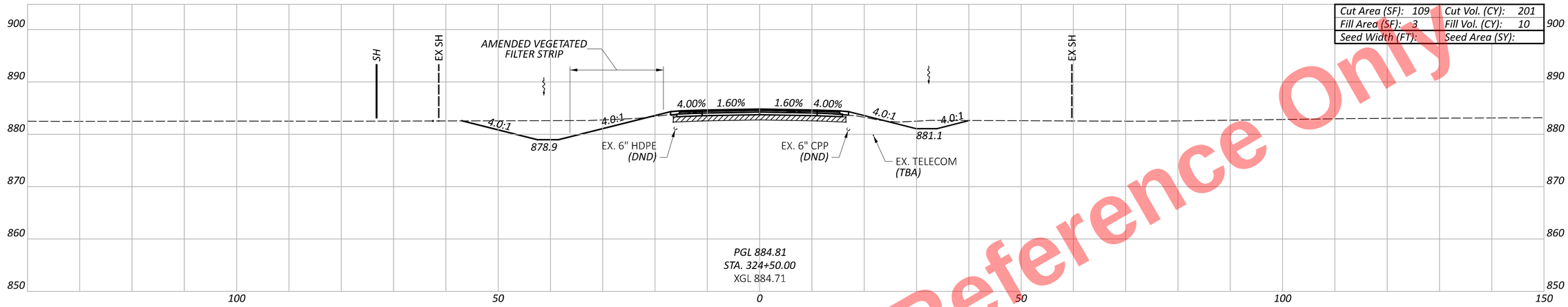
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.131
TOTAL: 323

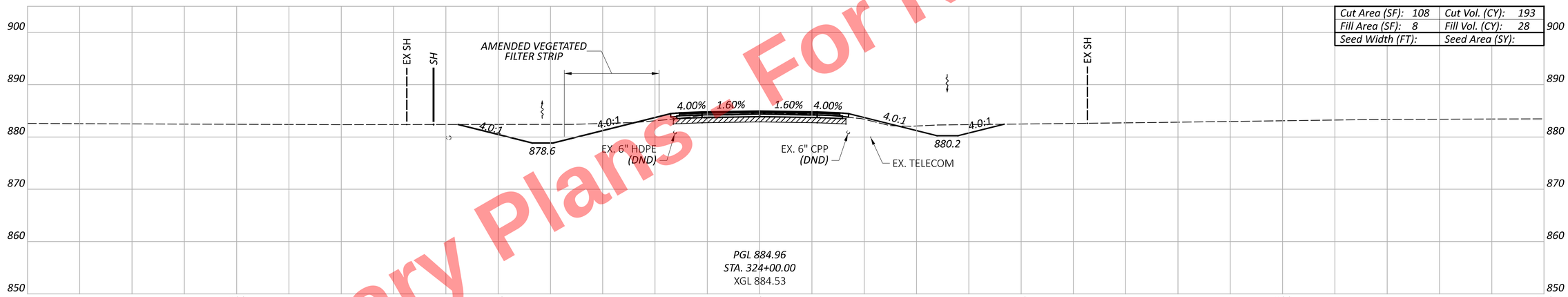
WYA-23-3.47

MODEL: CLP_SR295 - 322+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:51:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

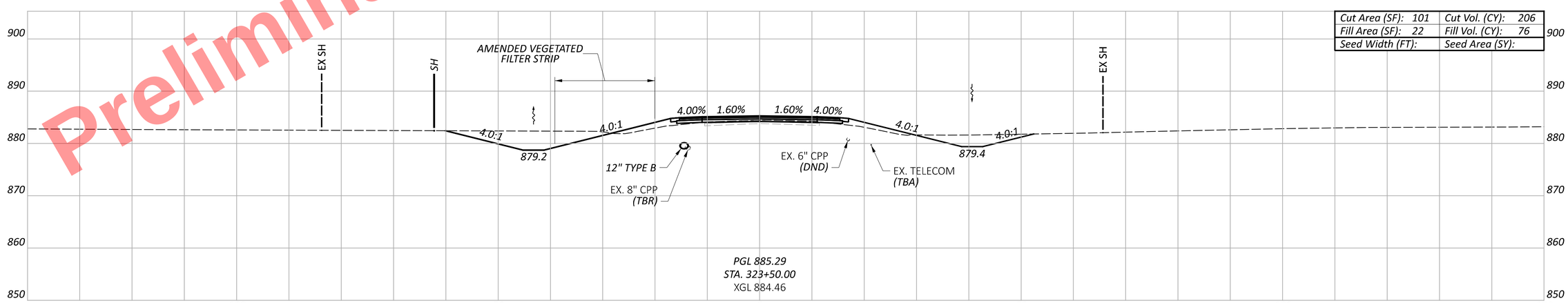
Preliminary Plans - For Reference Only



Cut Area (SF): 109	Cut Vol. (CY): 201
Fill Area (SF): 3	Fill Vol. (CY): 10
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 108	Cut Vol. (CY): 193
Fill Area (SF): 8	Fill Vol. (CY): 28
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 101	Cut Vol. (CY): 206
Fill Area (SF): 22	Fill Vol. (CY): 76
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	601	114

CROSS SECTIONS - SR 294
STA. 323+50.00 TO STA. 345+50.00

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER: JNL

REVIEWER: ACF 02/13/26

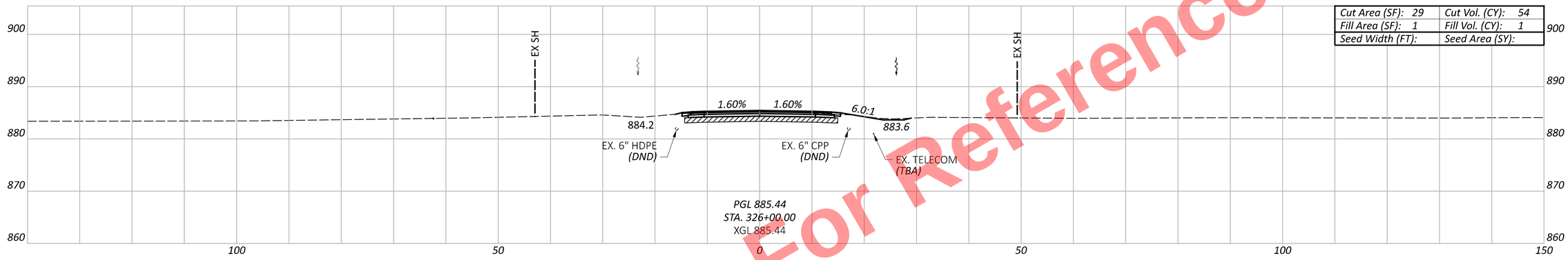
PROJECT ID: 121424

SHEET: P.132 TOTAL: 323

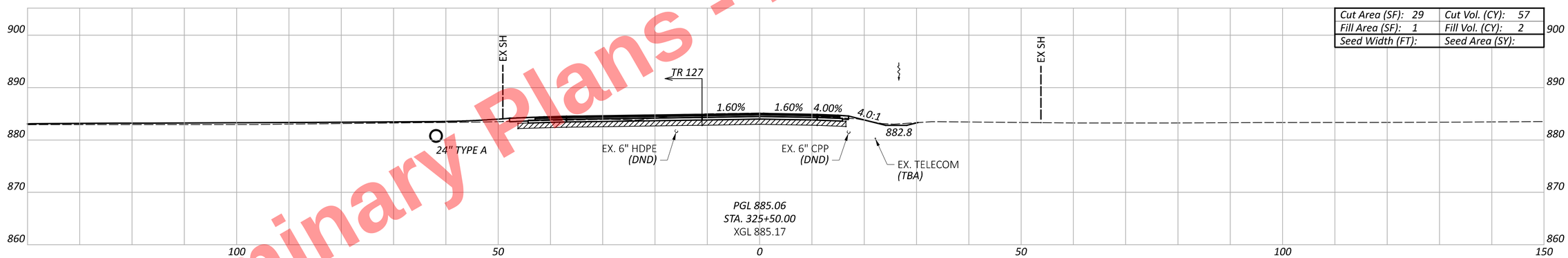
WYA-23-3.47

MODEL: CLP_SR295 - 323+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:51:56 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn

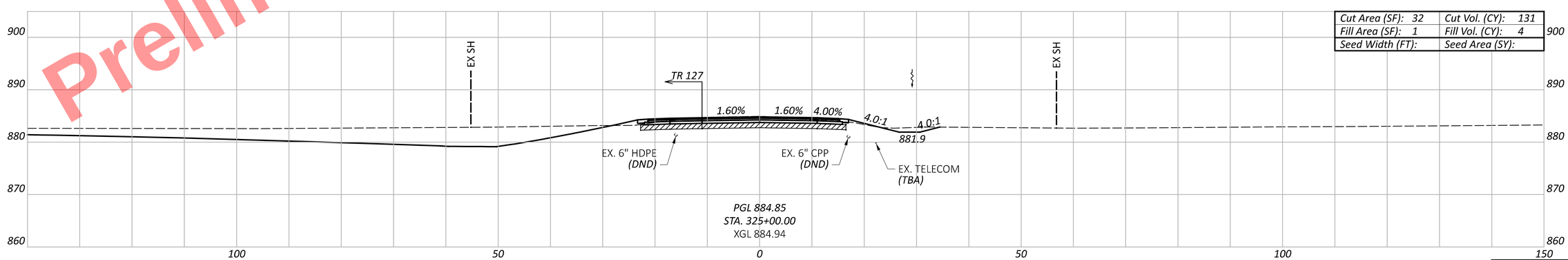
Preliminary Plans - For Reference Only



Cut Area (SF): 29	Cut Vol. (CY): 54
Fill Area (SF): 1	Fill Vol. (CY): 1
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 29	Cut Vol. (CY): 57
Fill Area (SF): 1	Fill Vol. (CY): 2
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 32	Cut Vol. (CY): 131
Fill Area (SF): 1	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	242	7

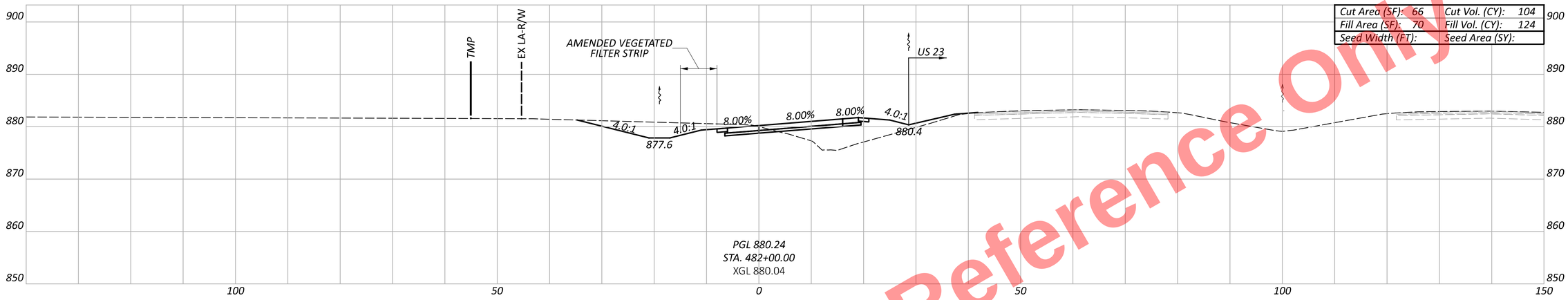
CROSS SECTIONS - SR 294
STA. 325+00.00 TO STA. 326+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

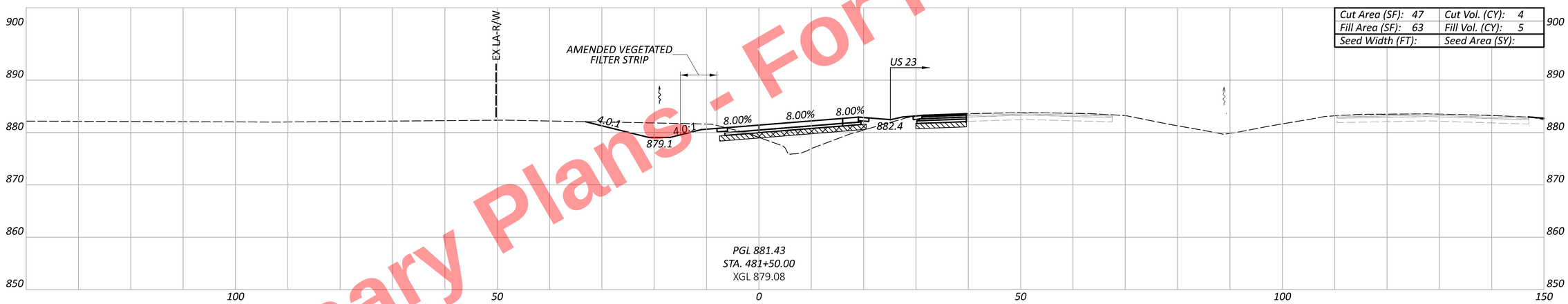
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.133 TOTAL: 323

WYA-23-3.47

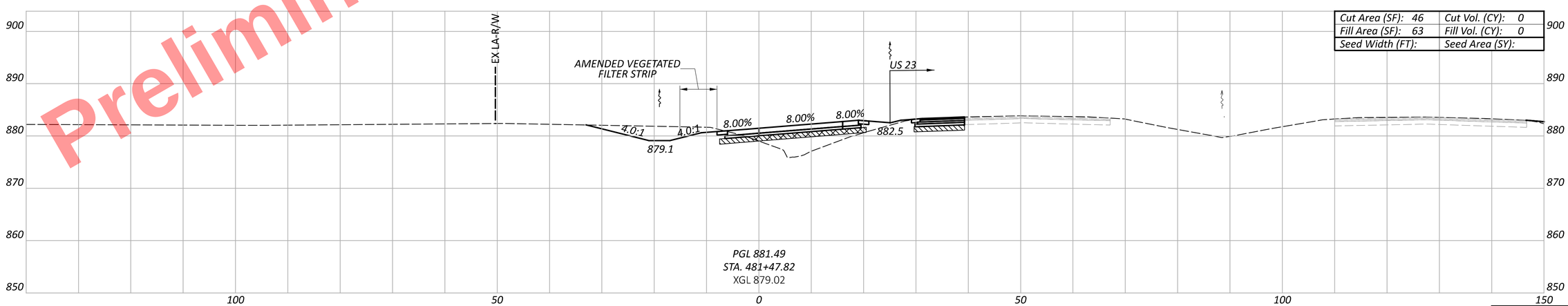
MODEL: CLP_SR295 - 325+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:52:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS100.dgn



Cut Area (SF):	66	Cut Vol. (CY):	104
Fill Area (SF):	70	Fill Vol. (CY):	124
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	47	Cut Vol. (CY):	4
Fill Area (SF):	63	Fill Vol. (CY):	5
Seed Width (FT):		Seed Area (SY):	



Cut Area (SF):	46	Cut Vol. (CY):	0
Fill Area (SF):	63	Fill Vol. (CY):	0
Seed Width (FT):		Seed Area (SY):	

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	108	129

CROSS SECTIONS - RAMP A
STA. 481+47.82 TO STA. 482+00.00

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

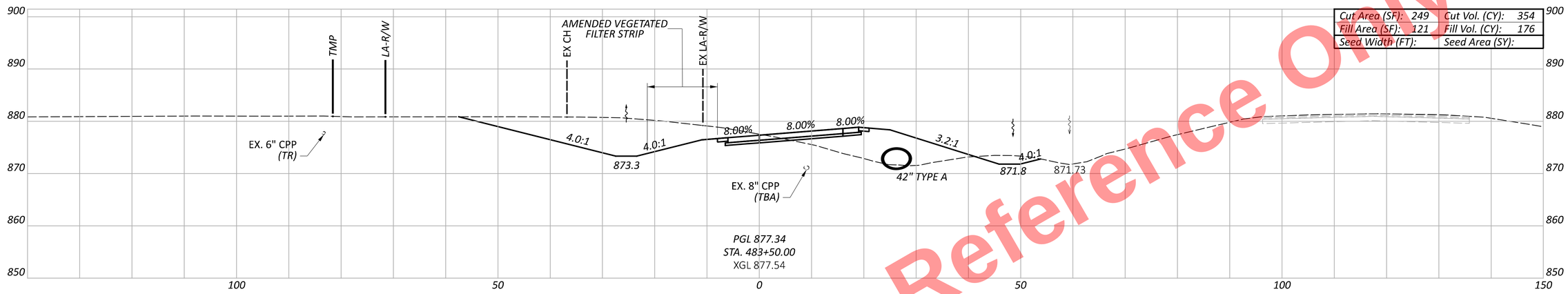
PROJECT ID 121424

SHEET P.134 TOTAL 323

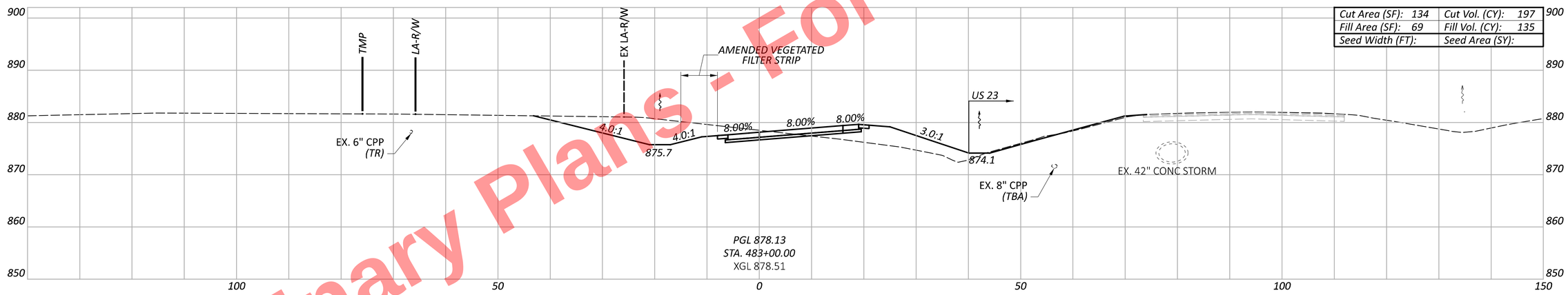
WYA-23-3.47

MODEL: BLP_RA-3 - 481+47.82 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:52:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn
USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
_XS110.dgn

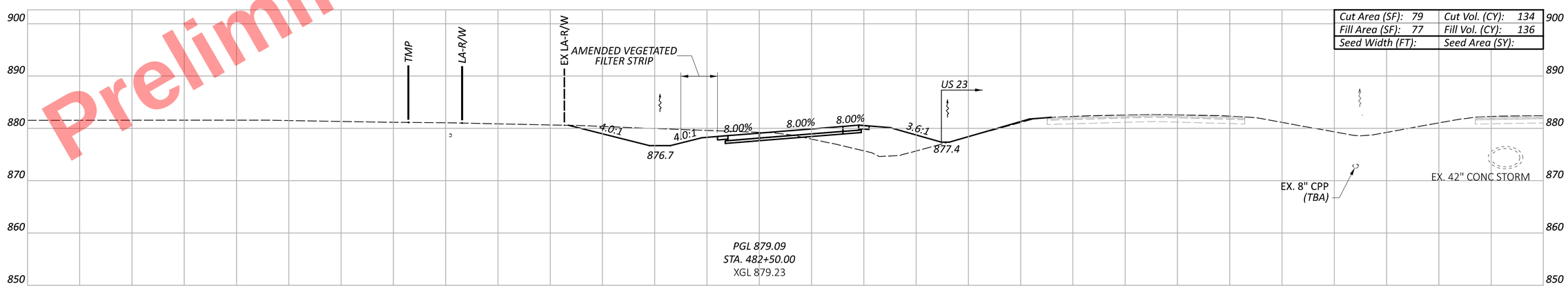
Preliminary Plans - For Reference Only



Cut Area (SF): 249	Cut Vol. (CY): 354
Fill Area (SF): 121	Fill Vol. (CY): 176
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 134	Cut Vol. (CY): 197
Fill Area (SF): 69	Fill Vol. (CY): 135
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 79	Cut Vol. (CY): 134
Fill Area (SF): 77	Fill Vol. (CY): 136
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	686	447

CROSS SECTIONS - RAMP A
STA. 482+50.00 TO STA. 483+50.00

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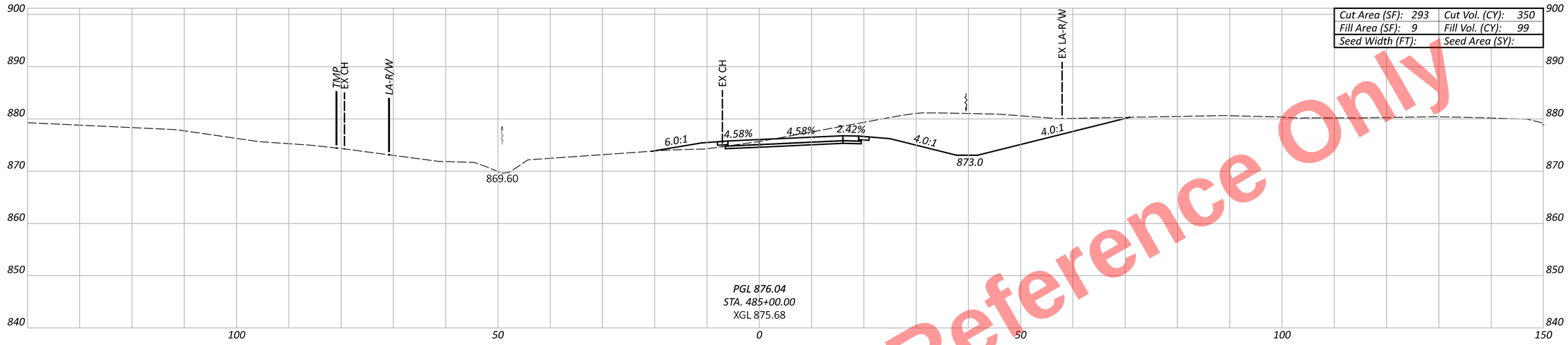
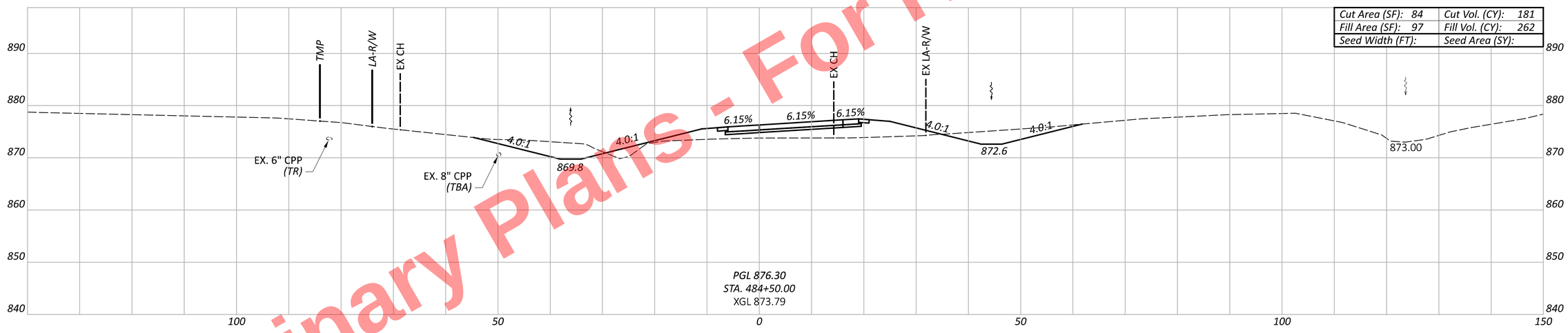
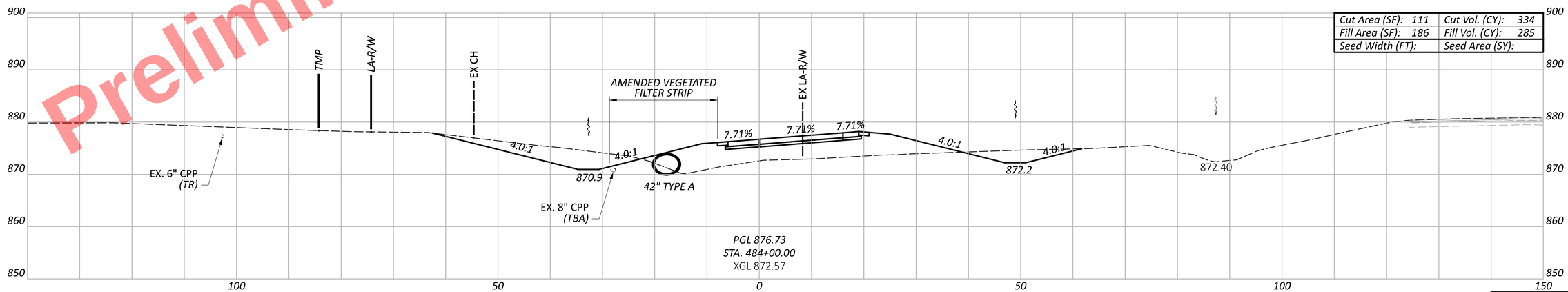
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.135
TOTAL: 323

WYA-23-3.47

MODEL: BLP_RA-3 - 482+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:00 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn







Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP A
STA. 484+00.00 TO STA. 485+00.00

Sheet Totals		
Seeding	Cut	Fill
	865	646

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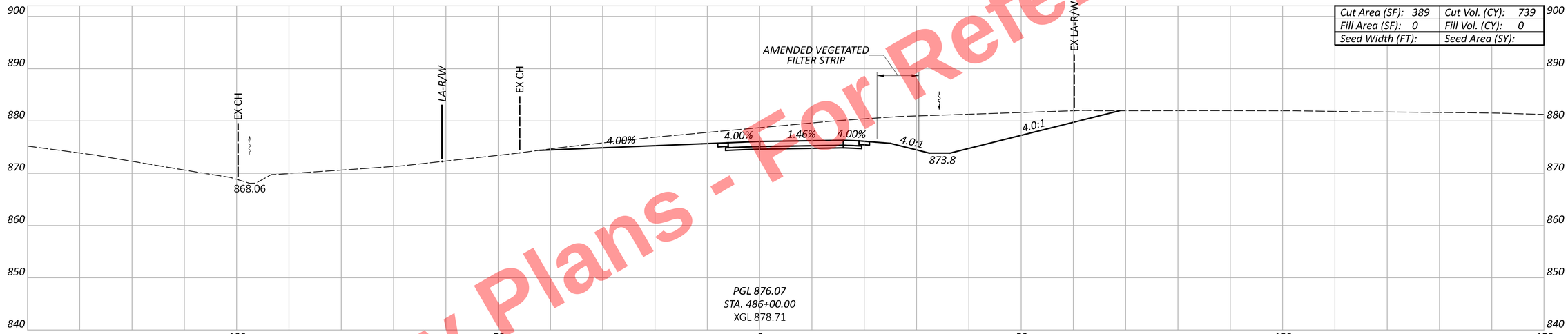
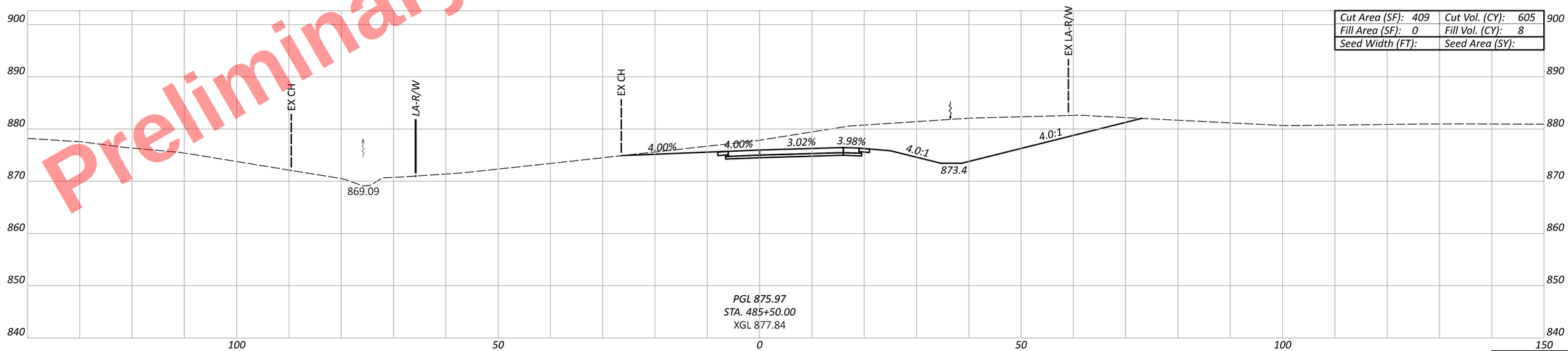
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.136 TOTAL 323

WYA-23-3.47

MODEL: BLP_RA-3 - 484+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

Preliminary Plans - For Reference Only





CROSS SECTIONS - RAMP A
STA. 485+50.00 TO STA. 486+00.00

Sheet Totals		
Seeding	Cut	Fill
	1389	8

DESIGN AGENCY
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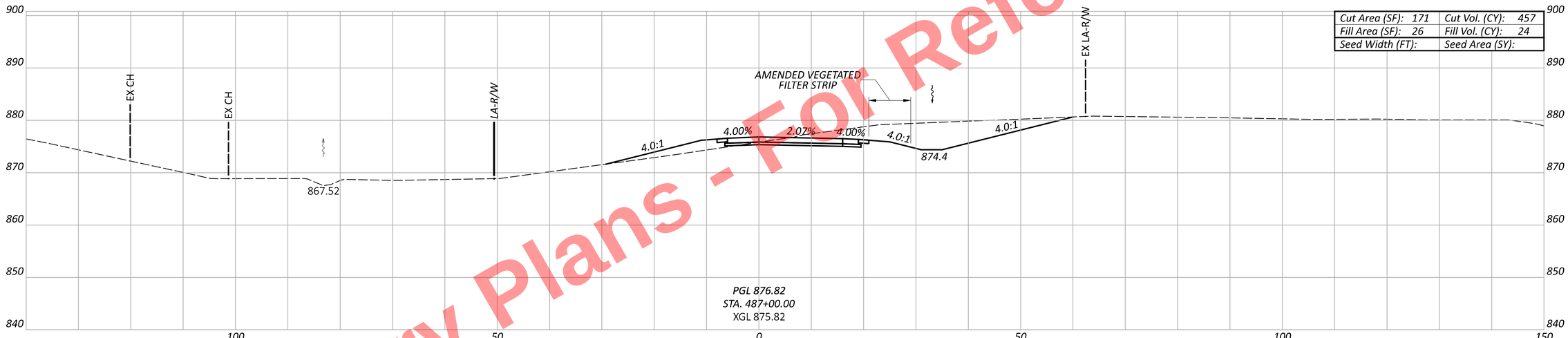
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.137 TOTAL 323

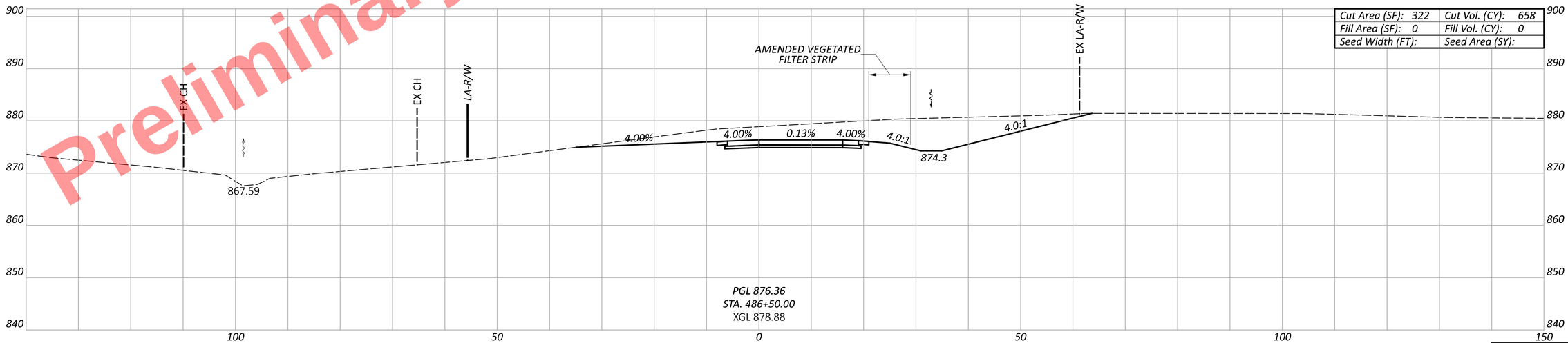
WYA-23-3.47

MODEL: BLP_RA-3 - 485+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 171	Cut Vol. (CY): 457
Fill Area (SF): 26	Fill Vol. (CY): 24
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 322	Cut Vol. (CY): 658
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	1115	24

CROSS SECTIONS - RAMP A
STA. 486+50.00 TO STA. 487+00.00

WYA-23-3.47

MODEL: BLP_RA-3 - 486+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

DESIGN AGENCY
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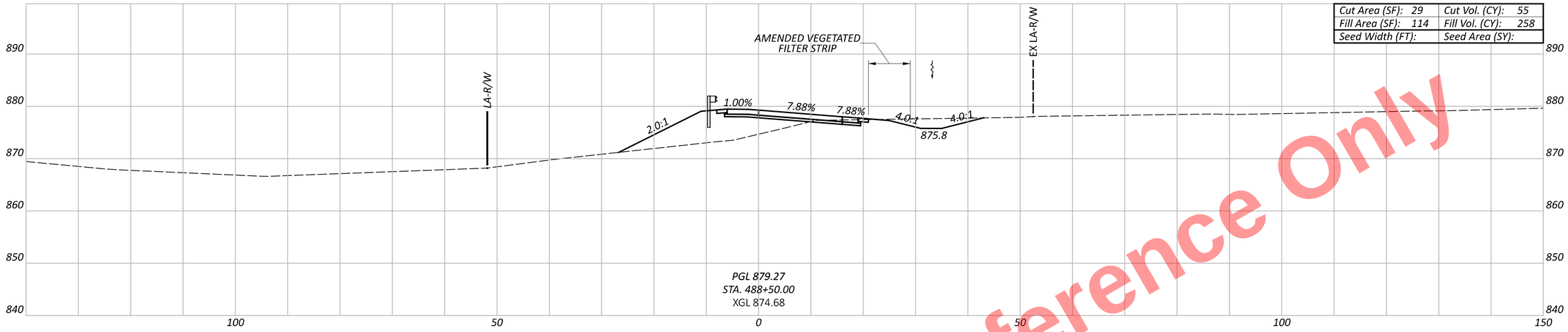
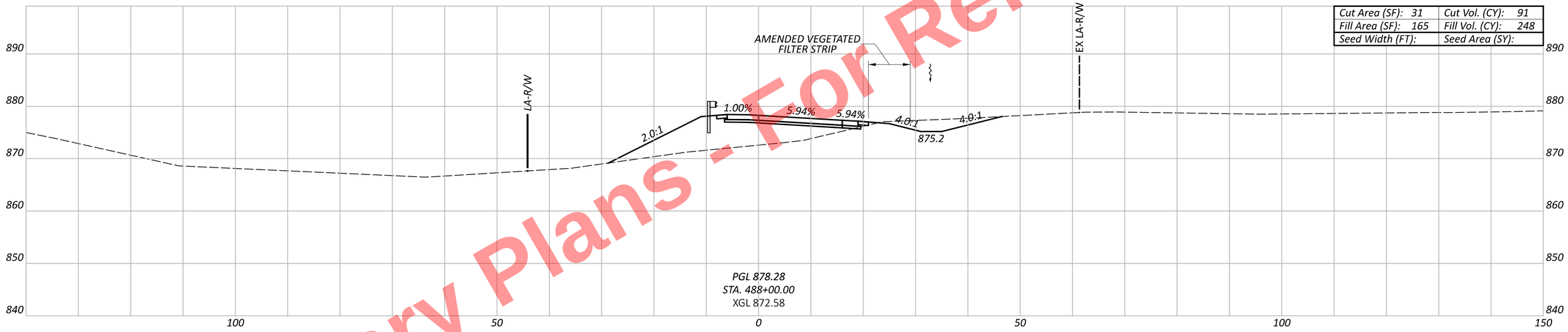
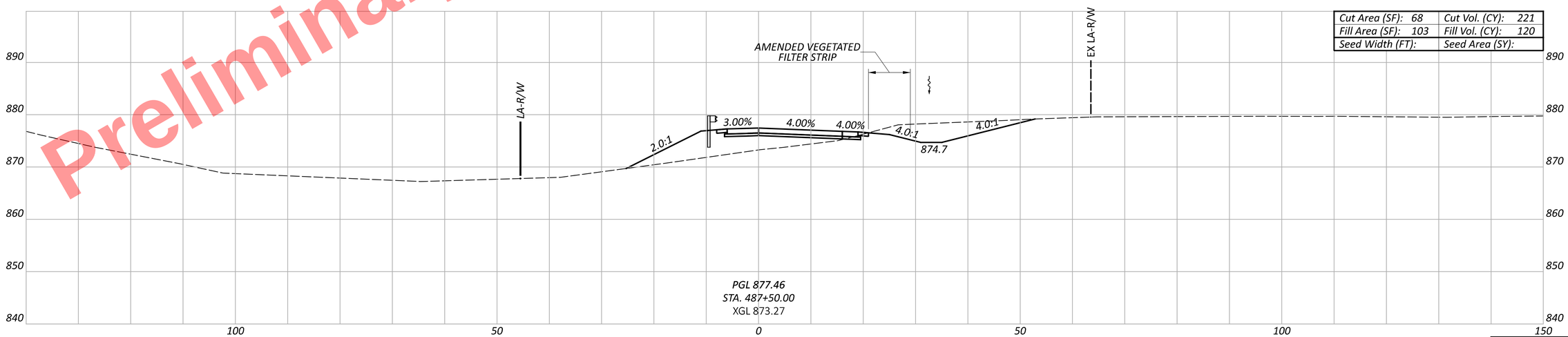
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.138 TOTAL: 323







Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP A
STA. 487+50.00 TO STA. 488+50.00

Sheet Totals		
Seeding	Cut	Fill
	368	626

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

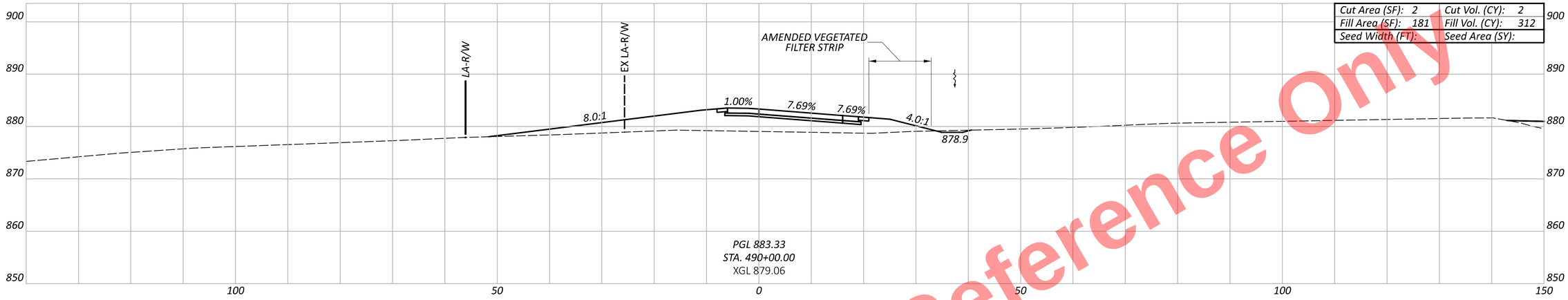
REVIEWER ACF 02/13/26

PROJECT ID 121424

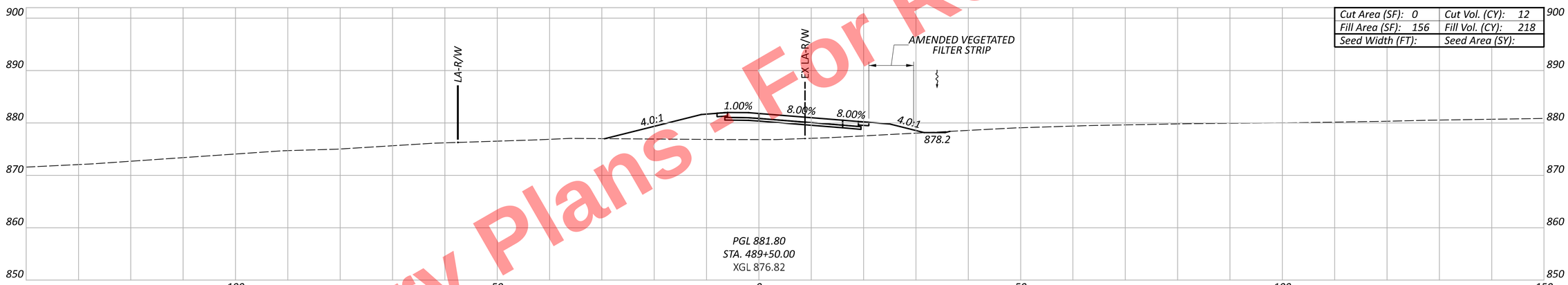
SHEET P.139 TOTAL 323

WYA-23-3.47

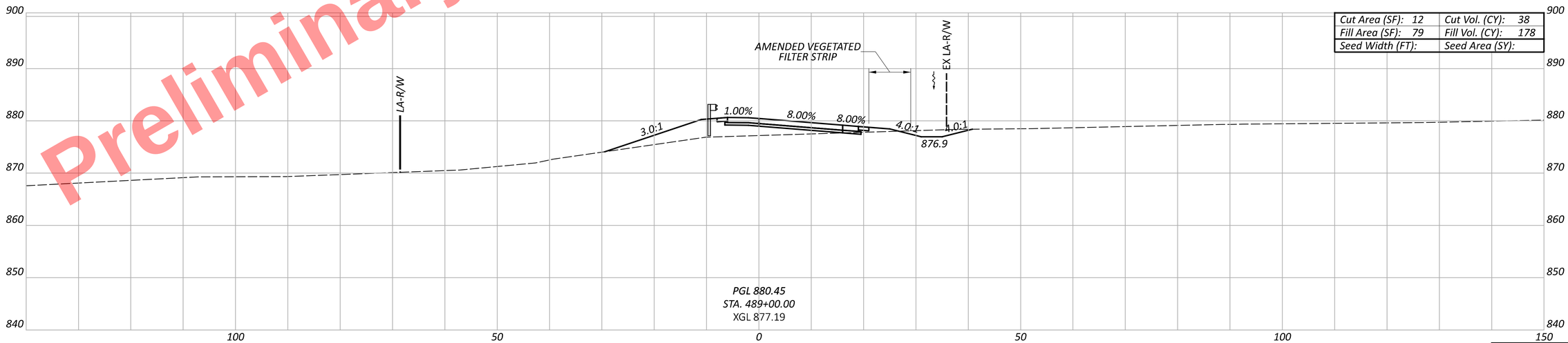
MODEL: BLP_RA-3 - 487+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:43 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn



Cut Area (SF): 2	Cut Vol. (CY): 2
Fill Area (SF): 181	Fill Vol. (CY): 312
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 12
Fill Area (SF): 156	Fill Vol. (CY): 218
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 12	Cut Vol. (CY): 38
Fill Area (SF): 79	Fill Vol. (CY): 178
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP A
STA. 489+00.00 TO STA. 490+00.00

Sheet Totals		
Seeding	Cut	Fill
	52	708

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

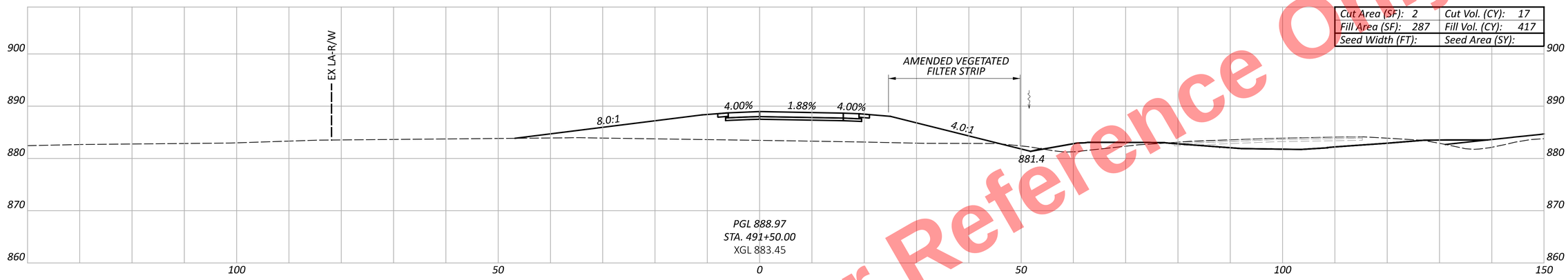
PROJECT ID 121424

SHEET P.140 | TOTAL 323

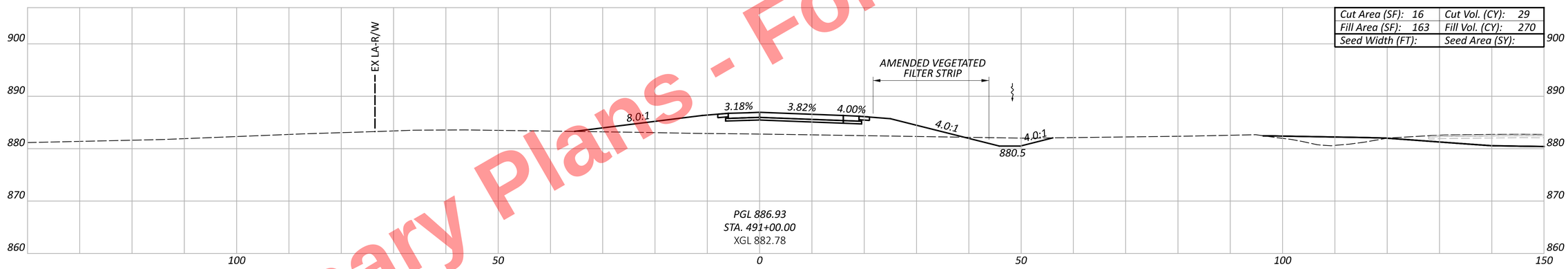
WYA-23-3.47

MODEL: BLP_RA-3 - 489+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:53:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

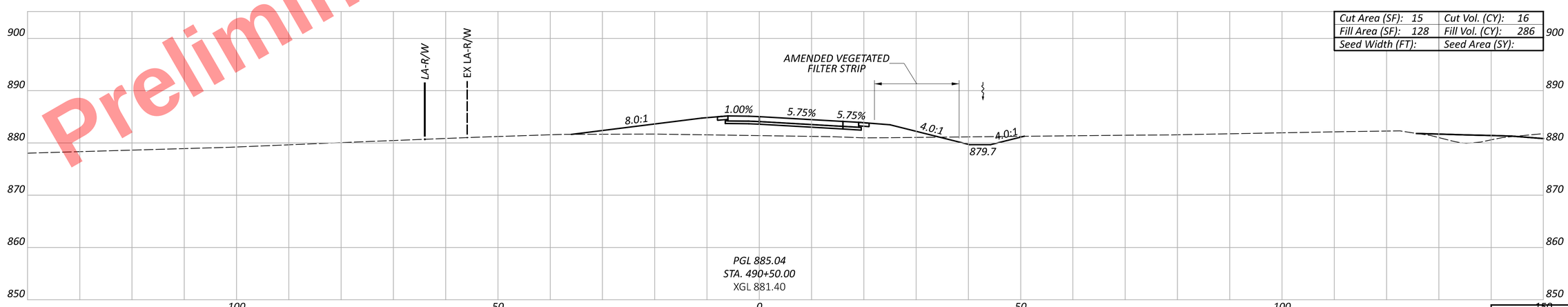
Preliminary Plans - For Reference Only



Cut Area (SF): 2	Cut Vol. (CY): 17
Fill Area (SF): 287	Fill Vol. (CY): 417
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 16	Cut Vol. (CY): 29
Fill Area (SF): 163	Fill Vol. (CY): 270
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 15	Cut Vol. (CY): 16
Fill Area (SF): 128	Fill Vol. (CY): 286
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	62	972

CROSS SECTIONS - RAMP A
STA. 490+50.00 TO STA. 491+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.141 TOTAL 323

WYA-23-3.47

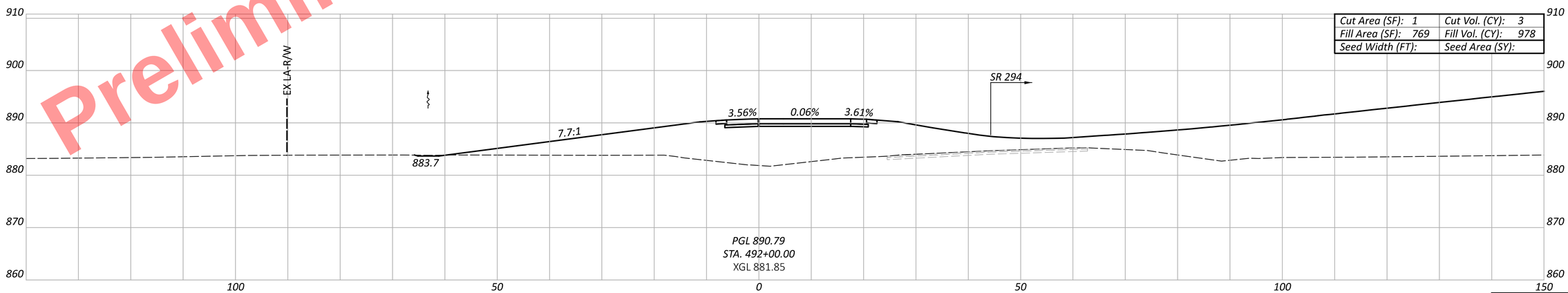
MODEL: BLP_RA-3 - 490+50.00 {Sheet} PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:54:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

Preliminary Plans - For Reference Only

MODEL: BLP_RA-3 - 492+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:54:27 PM PLTDRV: OHDOT_PDF.plcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS110.dgn

WYA-23-3.47

CROSS SECTIONS - RAMP A
STA. 492+00.00



Cut Area (SF): 1	Cut Vol. (CY): 3
Fill Area (SF): 769	Fill Vol. (CY): 978
Seed Width (FT):	Seed Area (SY):

Sheet Totals		
Seeding	Cut	Fill
	3	978

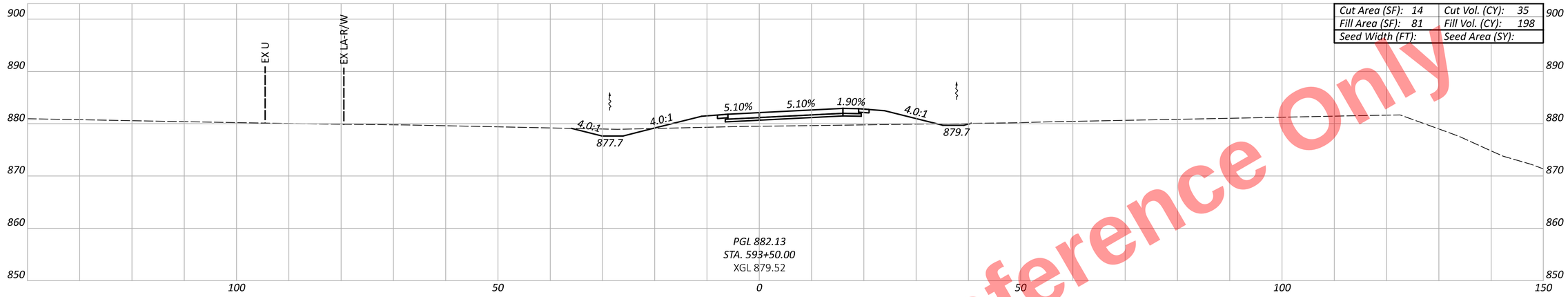
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL

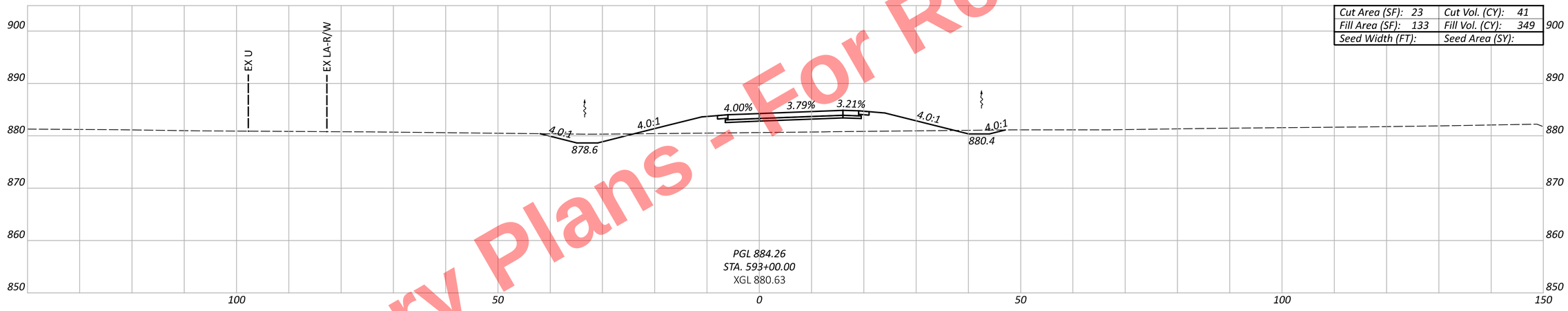
REVIEWER ACF 02/13/26

PROJECT ID 121424

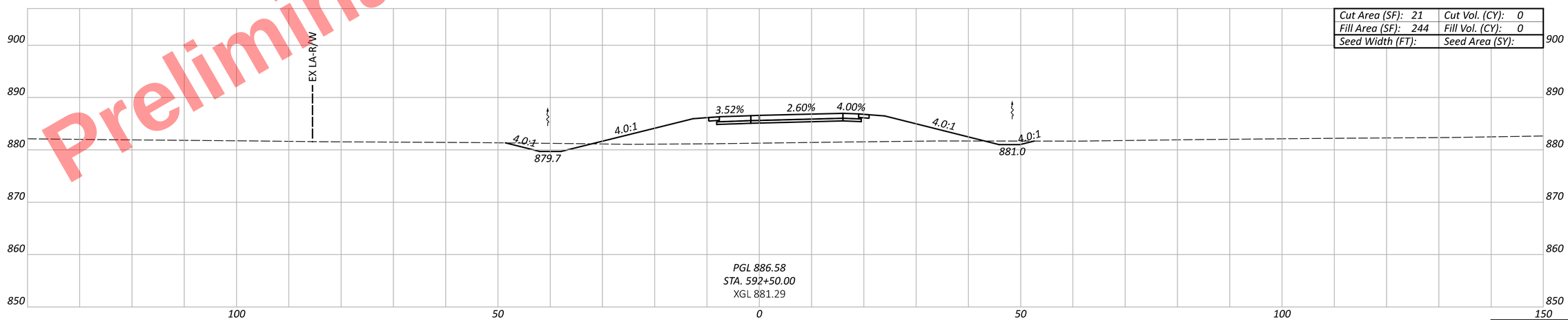
SHEET P.142 TOTAL 323



Cut Area (SF): 14	Cut Vol. (CY): 35
Fill Area (SF): 81	Fill Vol. (CY): 198
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 23	Cut Vol. (CY): 41
Fill Area (SF): 133	Fill Vol. (CY): 349
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 21	Cut Vol. (CY): 0
Fill Area (SF): 244	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

Sheet Totals		
Seeding	Cut	Fill
	75	547

CROSS SECTIONS - RAMP B
STA. 592+50.00 TO STA. 593+50.00

DESIGN AGENCY
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Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL

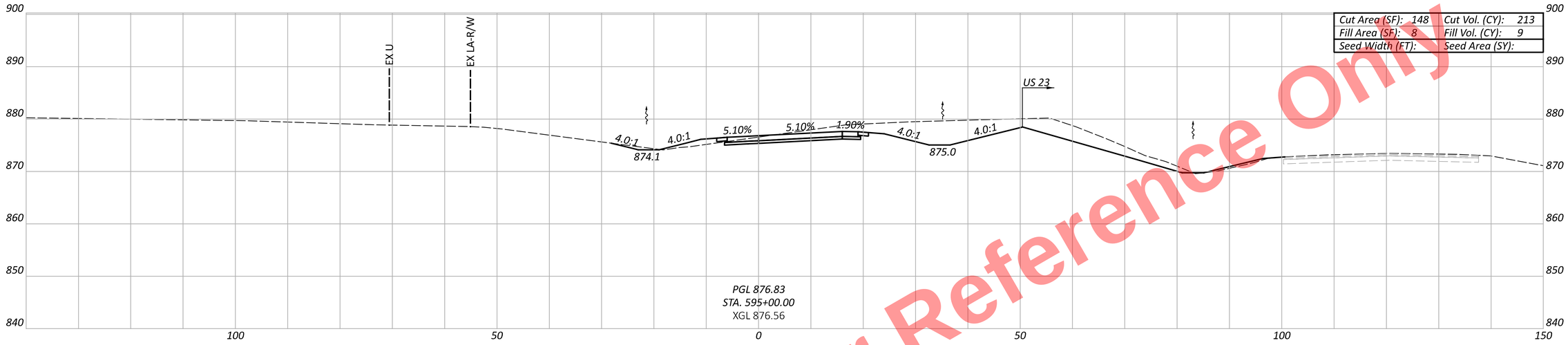
REVIEWER ACF 02/13/26

PROJECT ID 121424

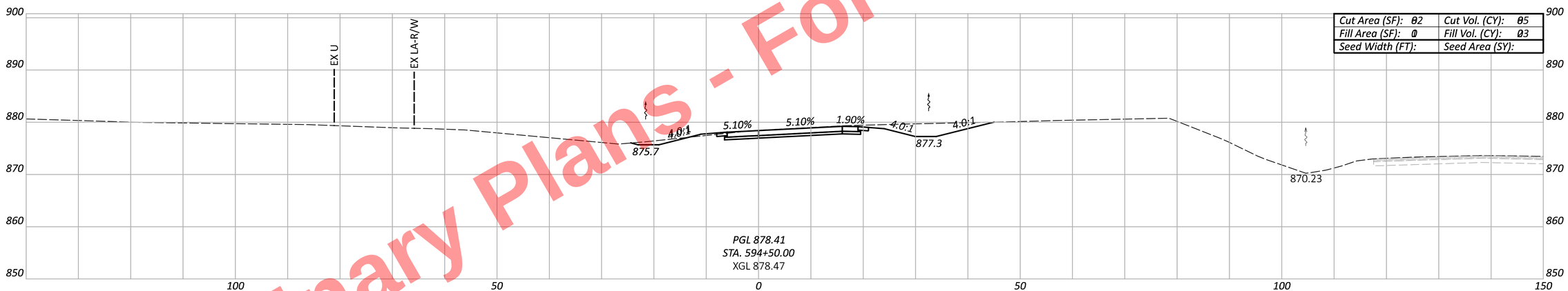
SHEET P.143 TOTAL 323

WYA-23-3.47

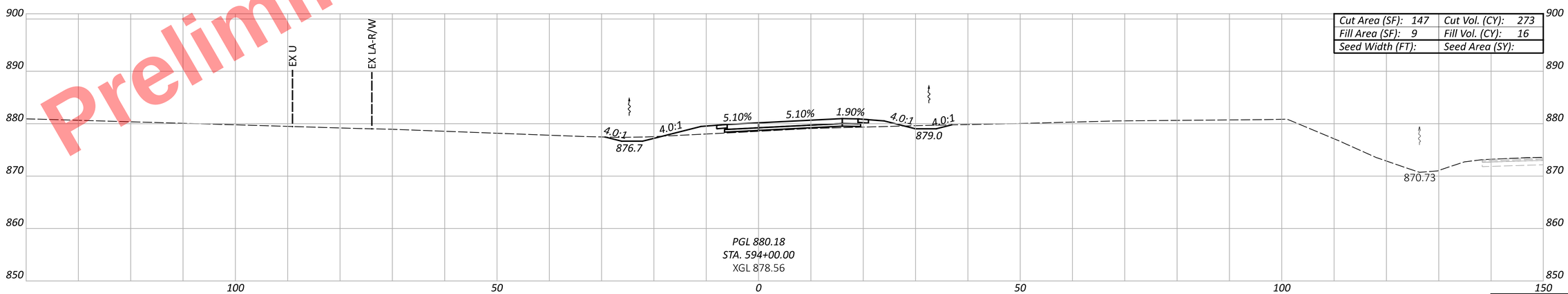
MODEL: BLP_RB - 592+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:54:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS120.dgn



Cut Area (SF): 148	Cut Vol. (CY): 213
Fill Area (SF): 8	Fill Vol. (CY): 9
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 82	Cut Vol. (CY): 85
Fill Area (SF): 0	Fill Vol. (CY): 03
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 147	Cut Vol. (CY): 273
Fill Area (SF): 9	Fill Vol. (CY): 16
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP B
STA. 594+00.00 TO STA. 595+00.00

Sheet Totals		
Seeding	Cut	Fill
	319	128

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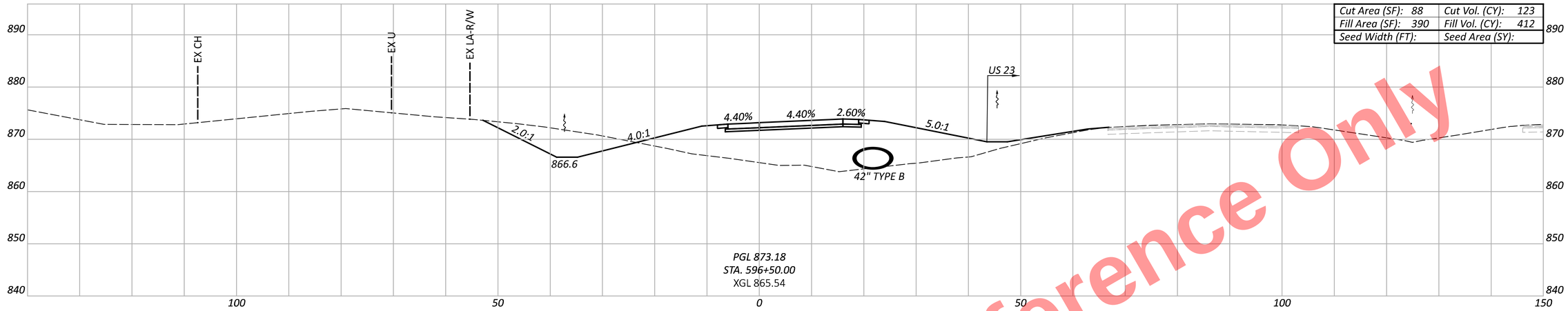
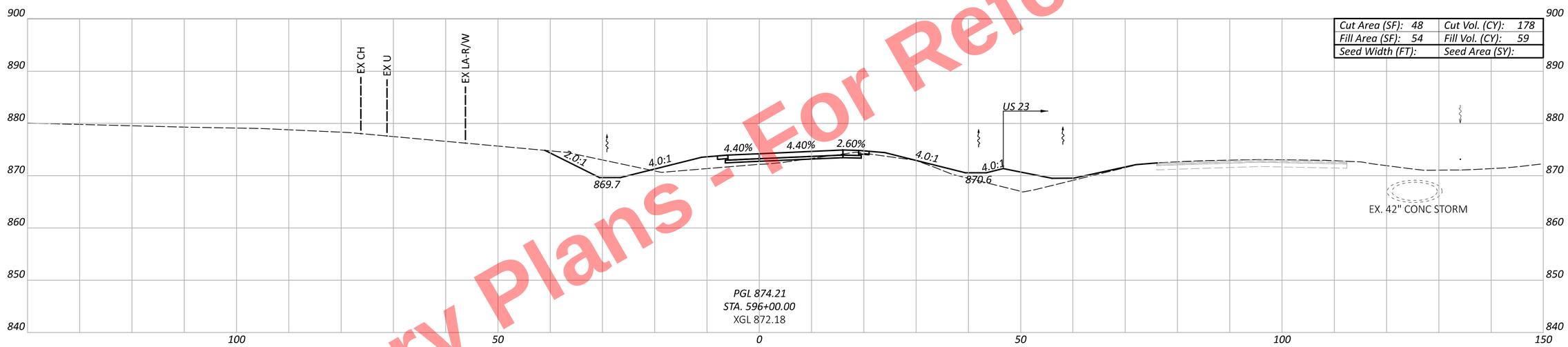
DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.144
TOTAL	323

WYA-23-3.47

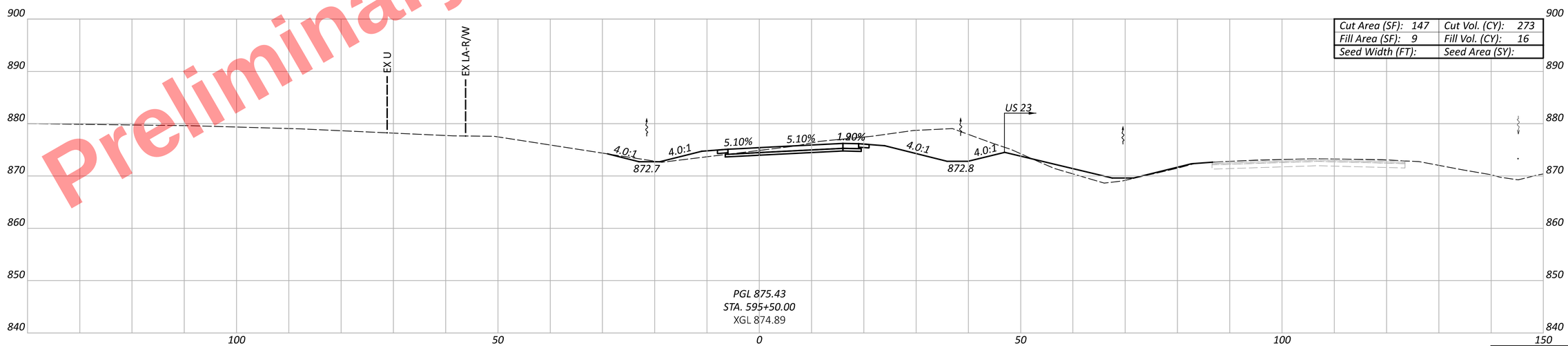
MODEL: BLP_RB - 594+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:55:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS120.dgn



Cut Area (SF): 88	Cut Vol. (CY): 123
Fill Area (SF): 390	Fill Vol. (CY): 412
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 48	Cut Vol. (CY): 178
Fill Area (SF): 54	Fill Vol. (CY): 59
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 147	Cut Vol. (CY): 273
Fill Area (SF): 9	Fill Vol. (CY): 16
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP B
STA. 595+50.00 TO STA. 596+50.00

Sheet Totals		
Seeding	Cut	Fill
	575	486

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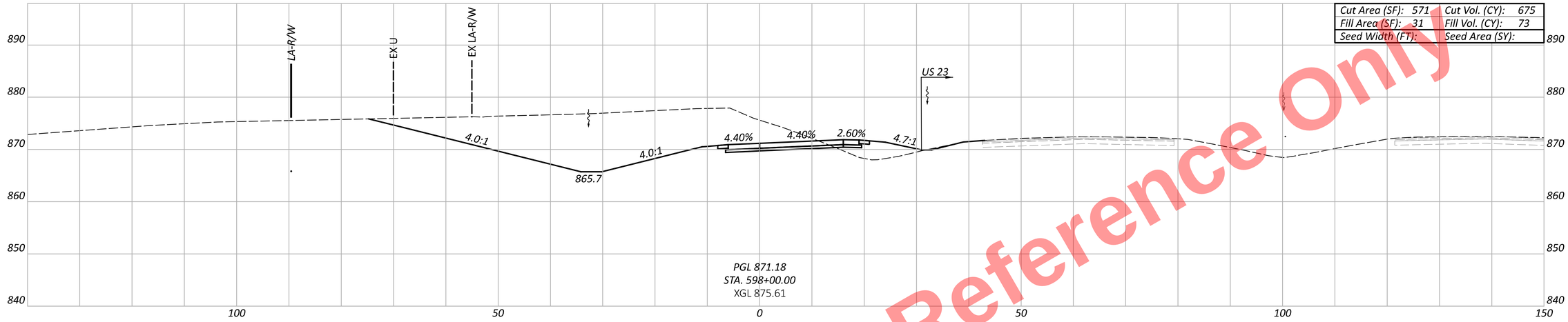
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.145 TOTAL 323

WYA-23-3.47

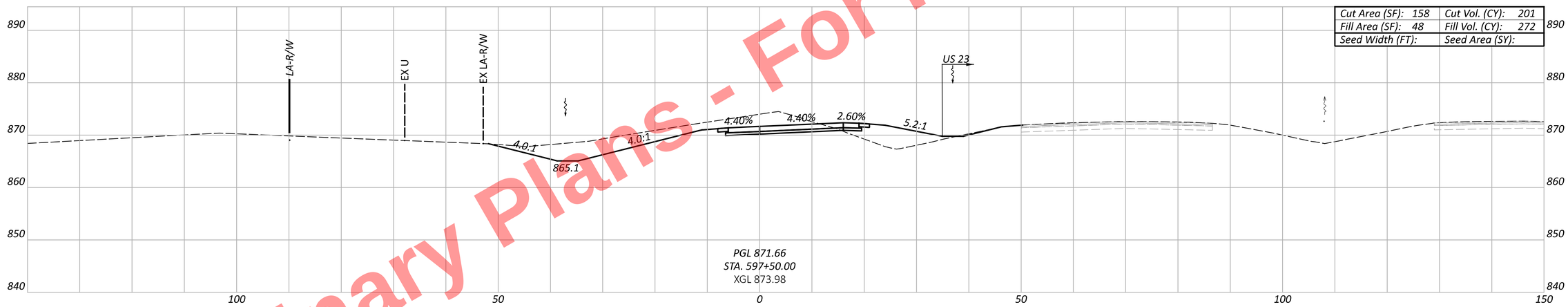
MODEL: BLP_RB - 595+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:55:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS120.dgn

Preliminary Plans - For Reference Only



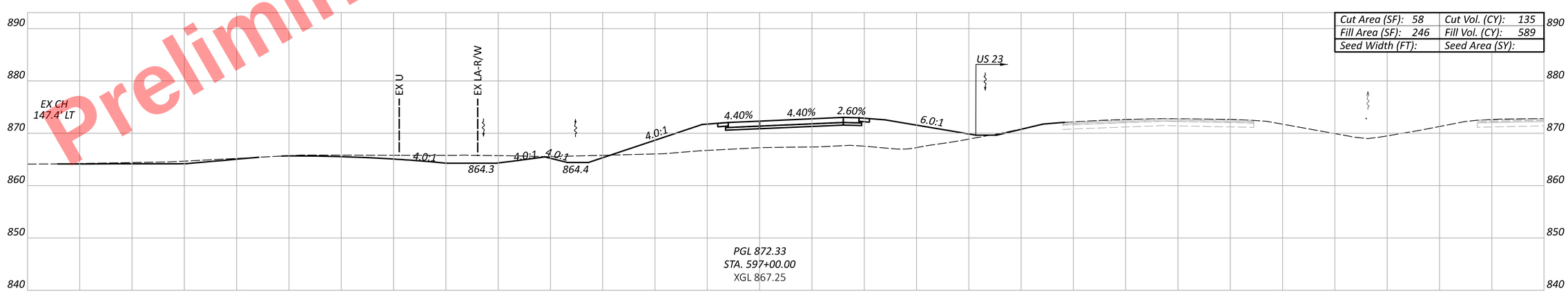
Cut Area (SF): 571	Cut Vol. (CY): 675
Fill Area (SF): 31	Fill Vol. (CY): 73
Seed Width (FT):	Seed Area (SY):

PGL 871.18
STA. 598+00.00
XGL 875.61



Cut Area (SF): 158	Cut Vol. (CY): 201
Fill Area (SF): 48	Fill Vol. (CY): 272
Seed Width (FT):	Seed Area (SY):

PGL 871.66
STA. 597+50.00
XGL 873.98



Cut Area (SF): 58	Cut Vol. (CY): 135
Fill Area (SF): 246	Fill Vol. (CY): 589
Seed Width (FT):	Seed Area (SY):

PGL 872.33
STA. 597+00.00
XGL 867.25

Sheet Totals		
Seeding	Cut	Fill
	1011	934

CROSS SECTIONS - RAMP B
STA. 597+00.00 TO STA. 598+00.00

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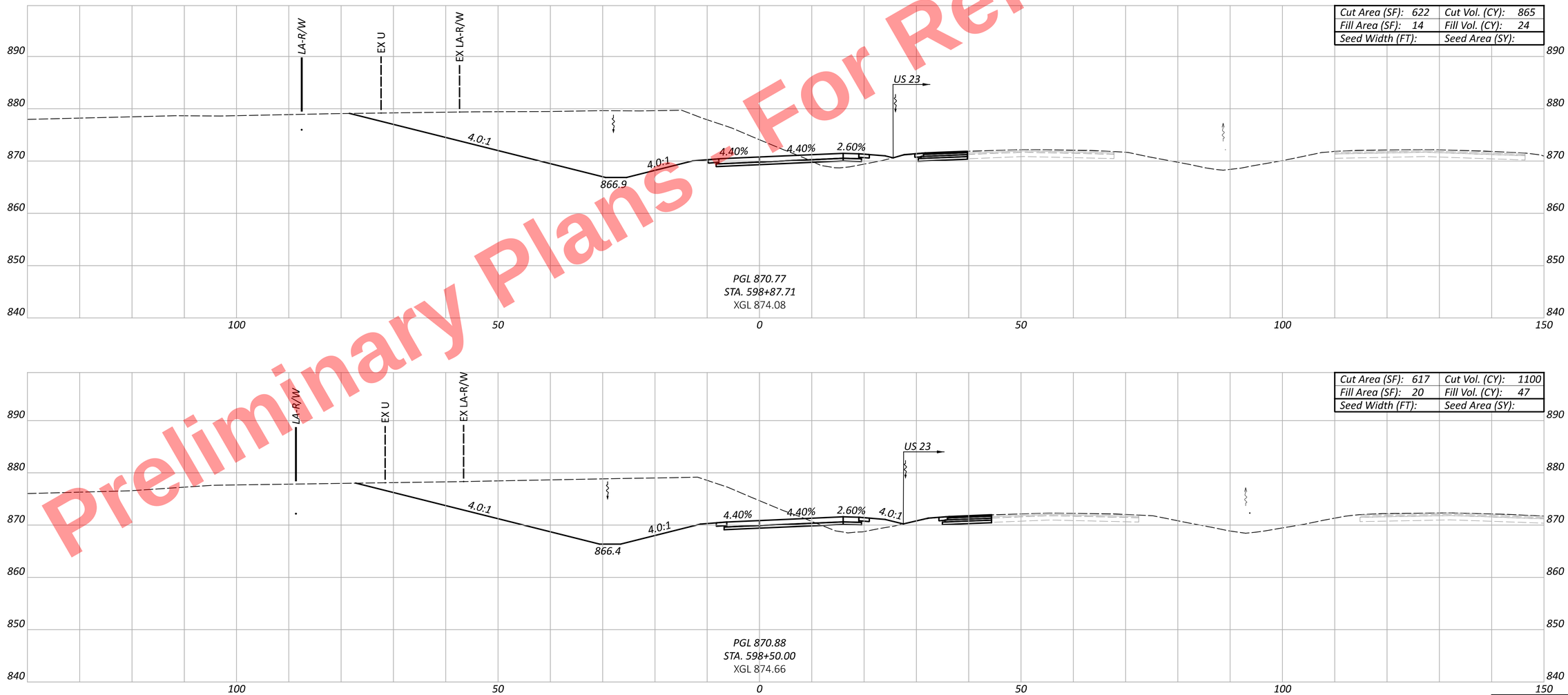
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.146 TOTAL: 323

WYA-23-3.47

MODEL: BLP_RB - 597+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:55:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS120.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 622	Cut Vol. (CY): 865
Fill Area (SF): 14	Fill Vol. (CY): 24
Seed Width (FT):	Seed Area (SY):

Cut Area (SF): 617	Cut Vol. (CY): 1100
Fill Area (SF): 20	Fill Vol. (CY): 47
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - RAMP B
STA. 598+50.00 TO STA. 598+87.71

Sheet Totals		
Seeding	Cut	Fill
	1966	72

DESIGN AGENCY
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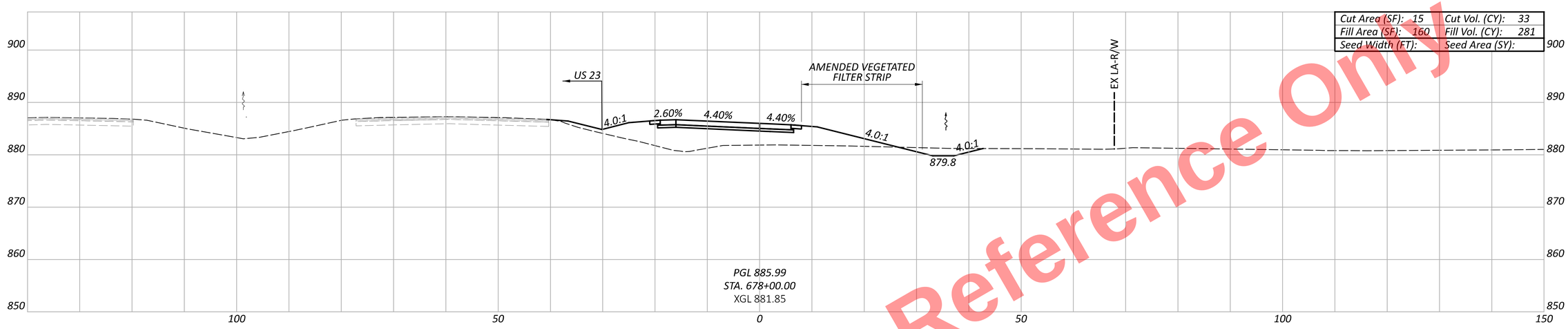
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

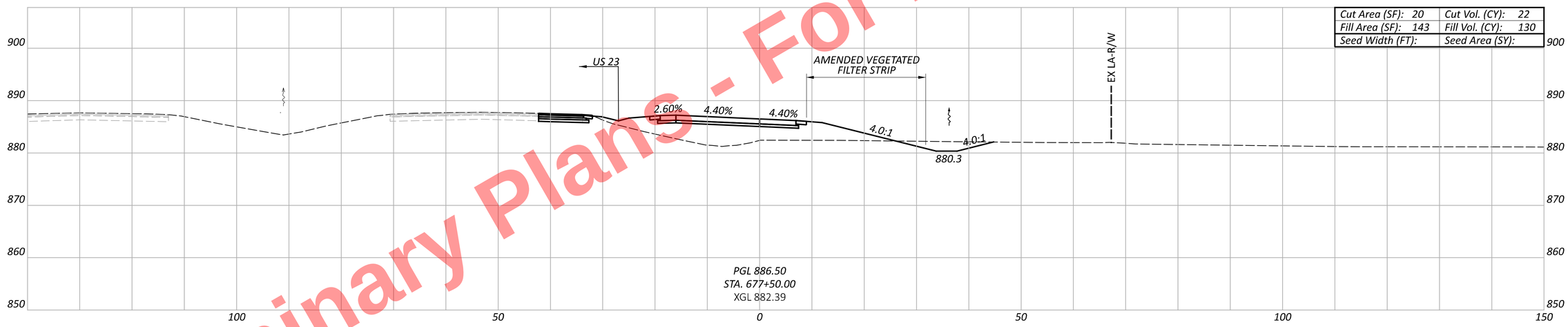
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.147 TOTAL 323

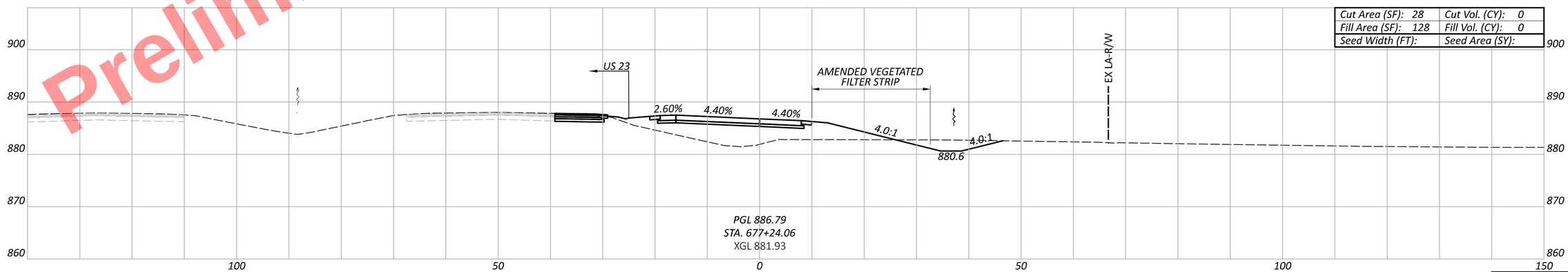
WYA-23-3.47

MODEL: BLP_RB - 598+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:55:37 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS120.dgn

Preliminary Plans - For Reference Only







CROSS SECTIONS - RAMP C
STA. 677+24.06 TO STA. 678+00.00

Sheet Totals		
Seeding	Cut	Fill
	55	411

DESIGN AGENCY
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1468 West 9th St, Suite 800
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Grandview Heights, Ohio

DESIGNER JNL

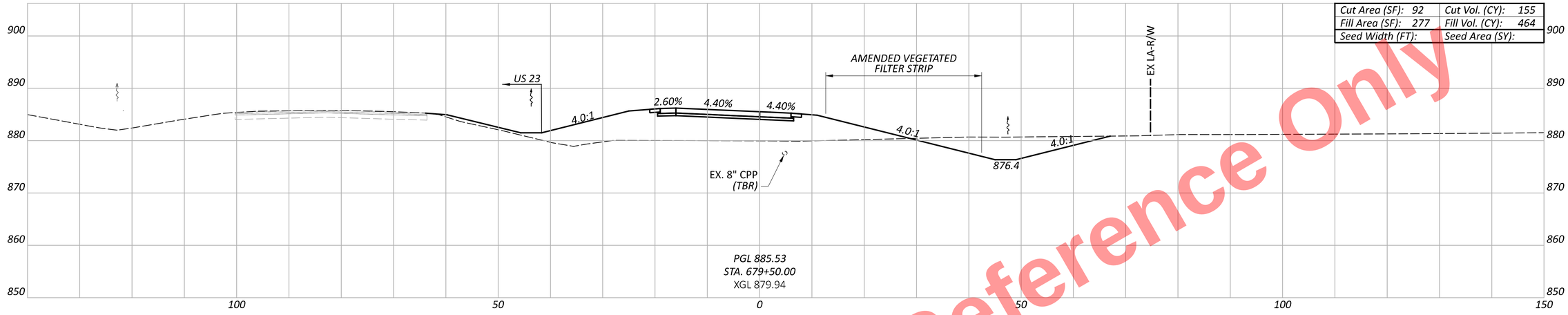
REVIEWER ACF 02/13/26

PROJECT ID 121424

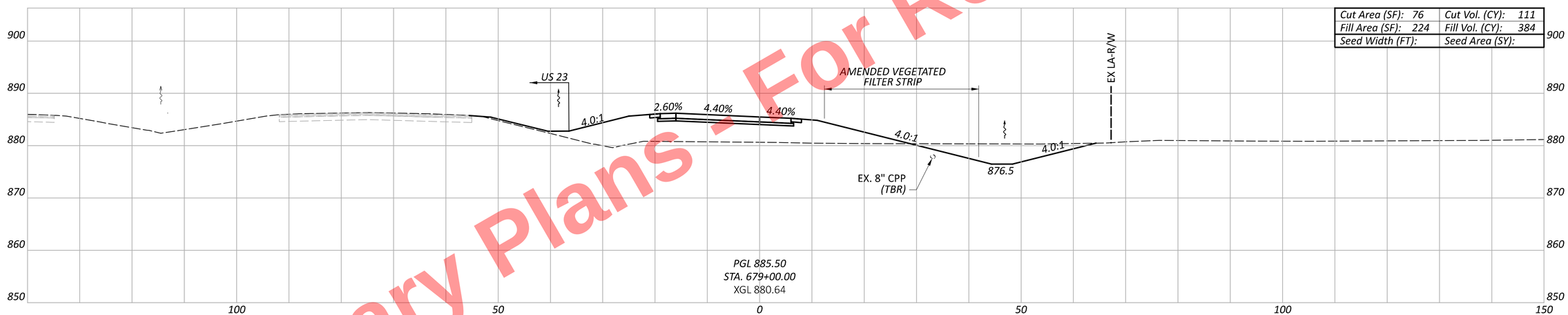
SHEET P.148 TOTAL 323

WYA-23-3.47

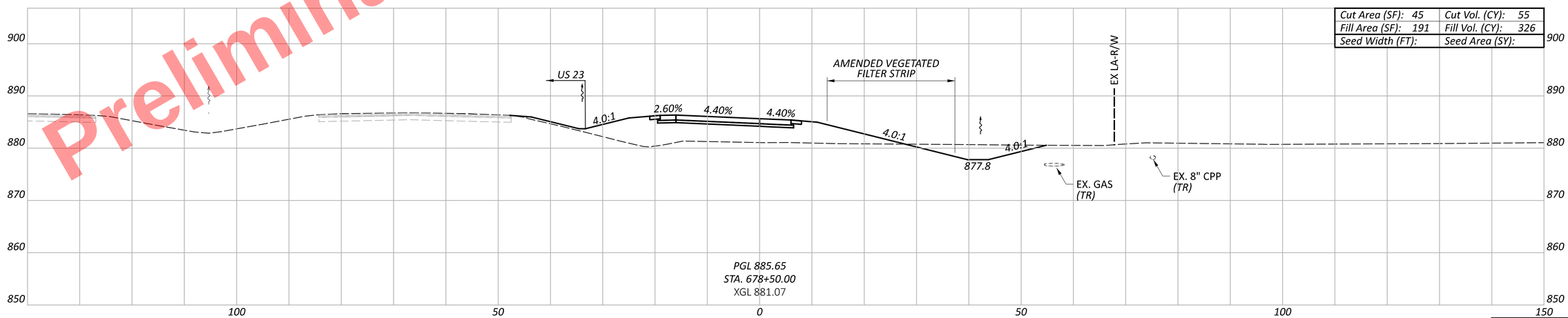
MODEL: BLP_RC-1 - 677+24.06 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:55:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS130.dgn



Cut Area (SF): 92	Cut Vol. (CY): 155
Fill Area (SF): 277	Fill Vol. (CY): 464
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 76	Cut Vol. (CY): 111
Fill Area (SF): 224	Fill Vol. (CY): 384
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 45	Cut Vol. (CY): 55
Fill Area (SF): 191	Fill Vol. (CY): 326
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP C
STA. 678+50.00 TO STA. 679+50.00

Sheet Totals		
Seeding	Cut	Fill
	321	1174

DESIGN AGENCY
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1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

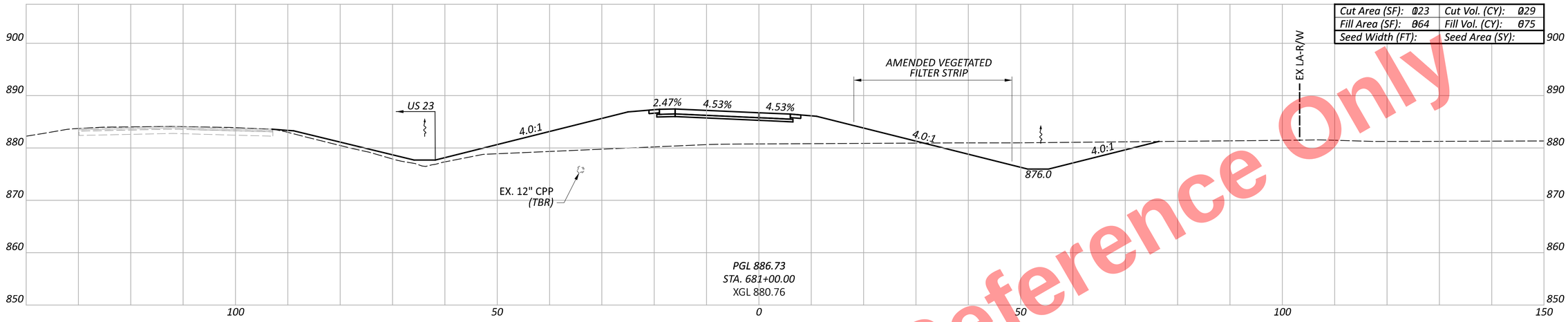
PROJECT ID 121424

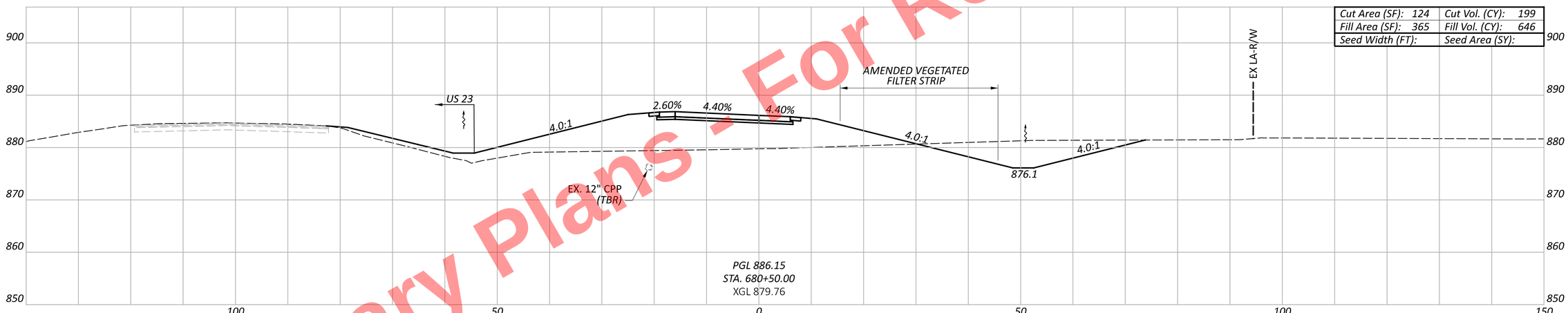
SHEET P.149 TOTAL 323

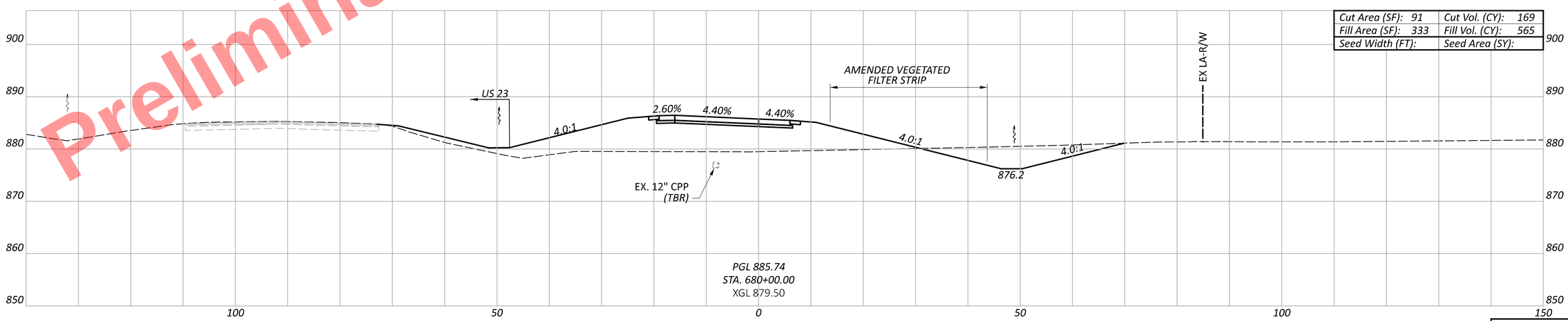
WYA-23-3.47

MODEL: BLP_RC-1 - 678+50.00 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:56:11 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS130.dgn

Preliminary Plans - For Reference Only







Sheet Totals		
Seeding	Cut	Fill
	597	1886

CROSS SECTIONS - RAMP C
STA. 680+00.00 TO STA. 681+00.00

DESIGN AGENCY
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1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

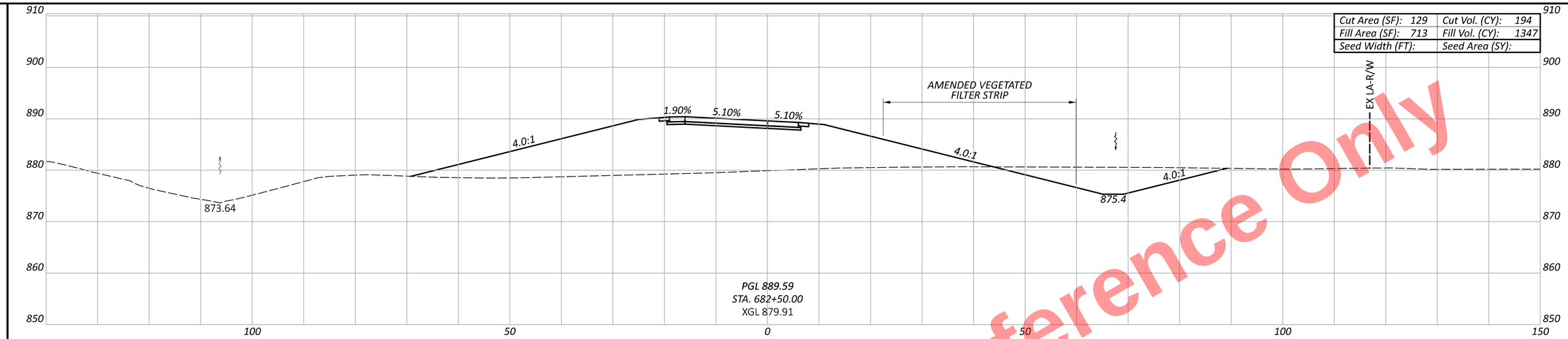
PROJECT ID 121424

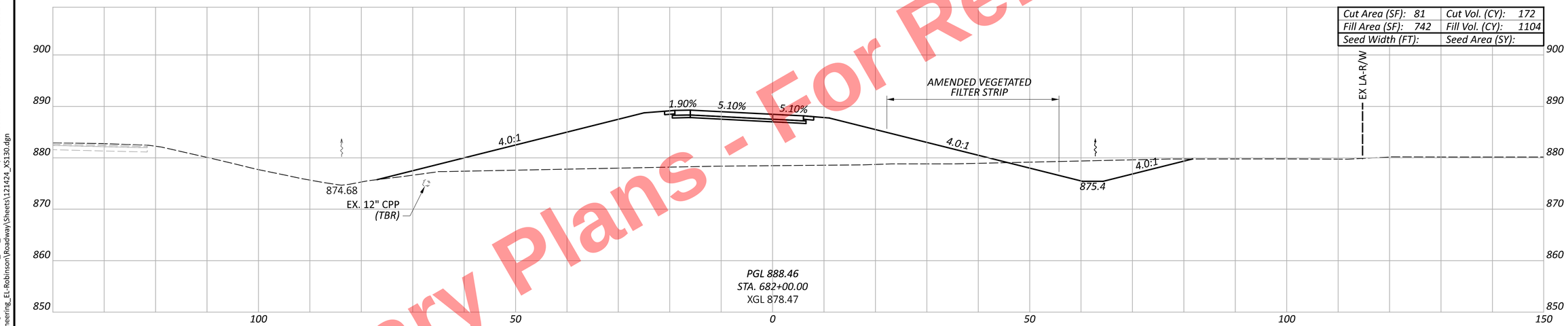
SHEET P.150 TOTAL 323

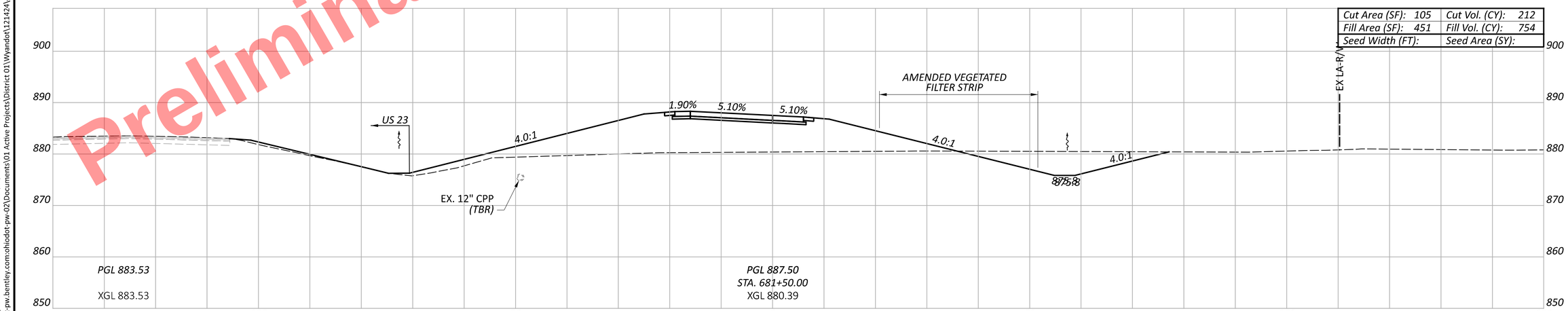
WYA-23-3.47

MODEL: BLP_RC-1 - 680+00.00 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:56:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS130.dgn

Preliminary Plans - For Reference Only







Sheet Totals

Seeding	Cut	Fill
	578	3205

CROSS SECTIONS - RAMP C
STA. 681+50.00 TO STA. 682+50.00

DESIGN AGENCY
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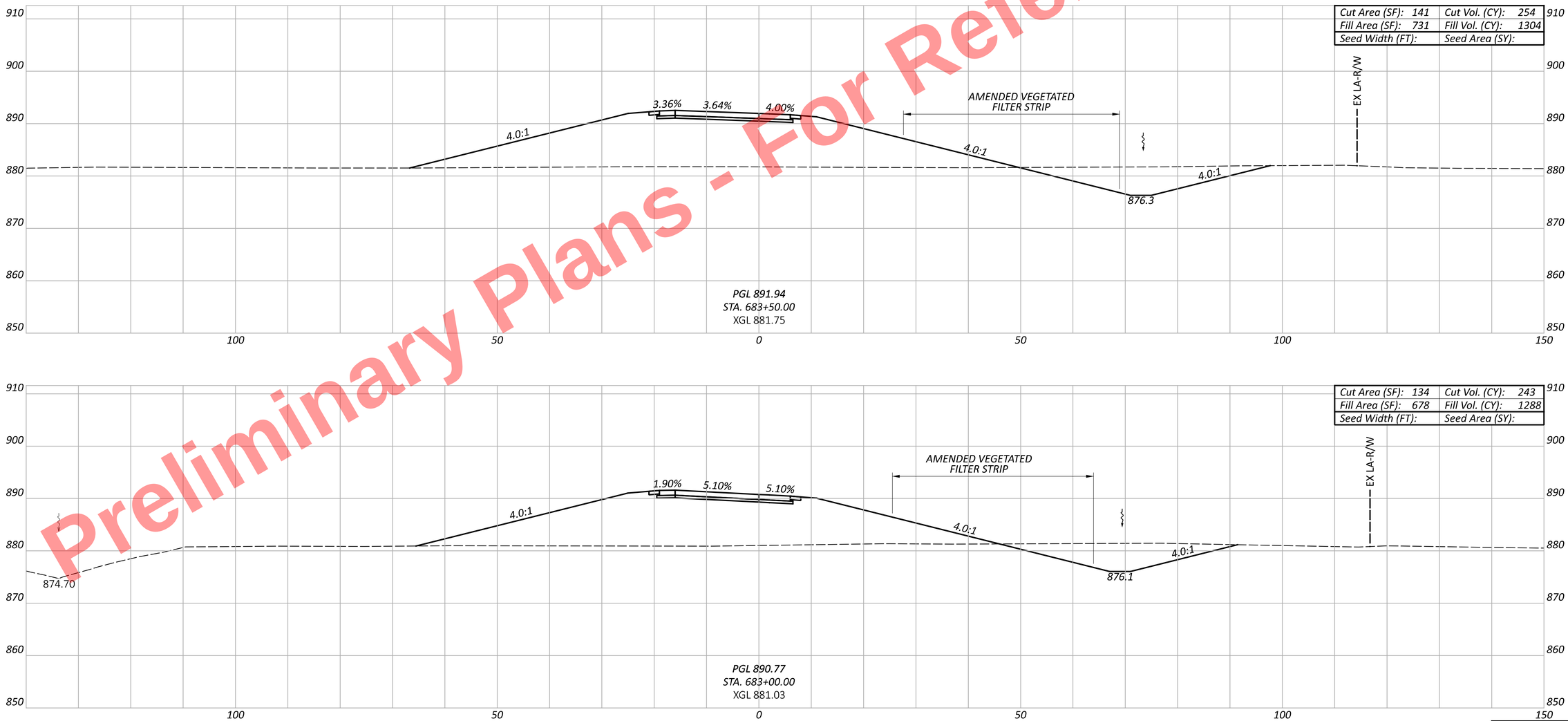
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.151 TOTAL 323

WYA-23-3.47

MODEL: BLP_RC-1 - 681+50.00 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:56:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS130.dgn

Preliminary Plans - For Reference Only



CROSS SECTIONS - RAMP C
STA. 683+00.00 TO STA. 683+50.00

Sheet Totals		
Seeding	Cut	Fill
	497	2592

DESIGN AGENCY
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1468 West 9th St, Suite 800
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Grandview Heights, Ohio

DESIGNER JNL

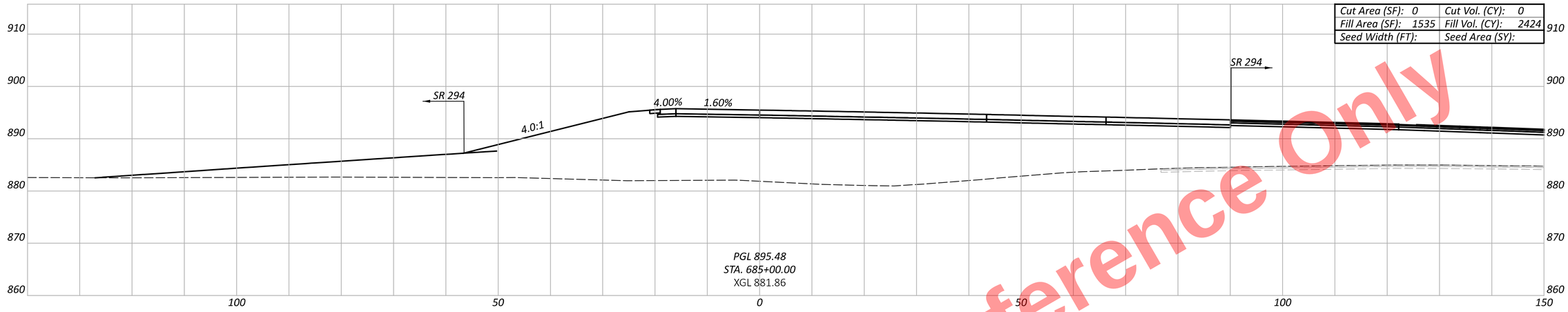
REVIEWER ACF 02/13/26

PROJECT ID 121424

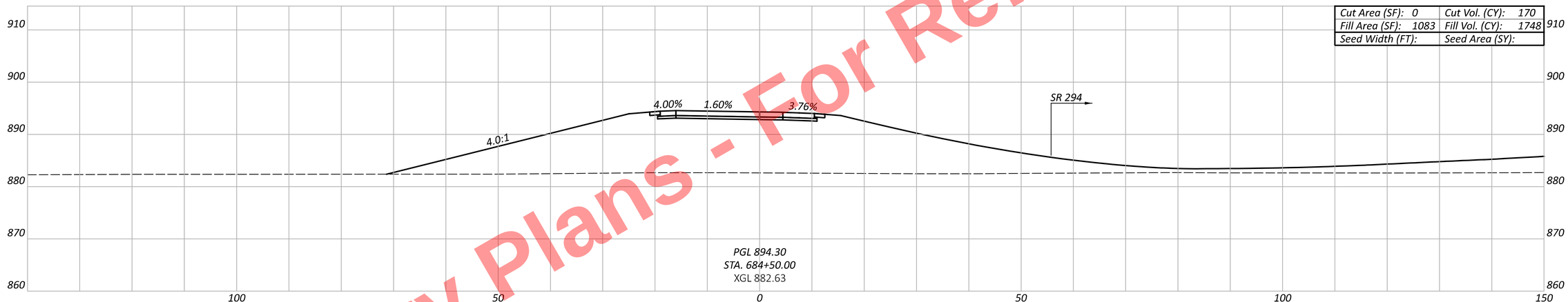
SHEET P.152 | TOTAL 323

WYA-23-3.47

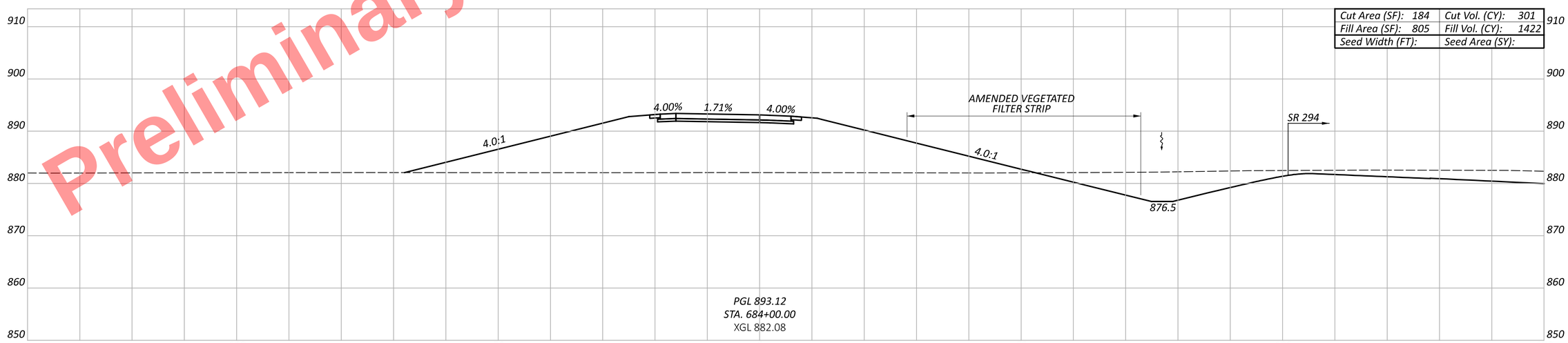
MODEL: BLP_RC-1 - 683+00.00 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:56:55 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS130.dgn



Cut Area (SF): 0	Cut Vol. (CY): 0
Fill Area (SF): 1535	Fill Vol. (CY): 2424
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 0	Cut Vol. (CY): 170
Fill Area (SF): 1083	Fill Vol. (CY): 1748
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 184	Cut Vol. (CY): 301
Fill Area (SF): 805	Fill Vol. (CY): 1422
Seed Width (FT):	Seed Area (SY):

Preliminary Plans - For Reference Only

WYA-23-3.47

MODEL: BLP_RC-1 - 684+00.00 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:57:05 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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CROSS SECTIONS - RAMP C
STA. 684+00.00 TO STA. 685+00.00

Sheet Totals		
Seeding	Cut	Fill
	471	5594

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Grandale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.153 TOTAL 323

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP D
STA. 784+50.00 TO STA. 785+00.00

Sheet Totals		
Seeding	Cut	Fill
	22	2467

DESIGN AGENCY
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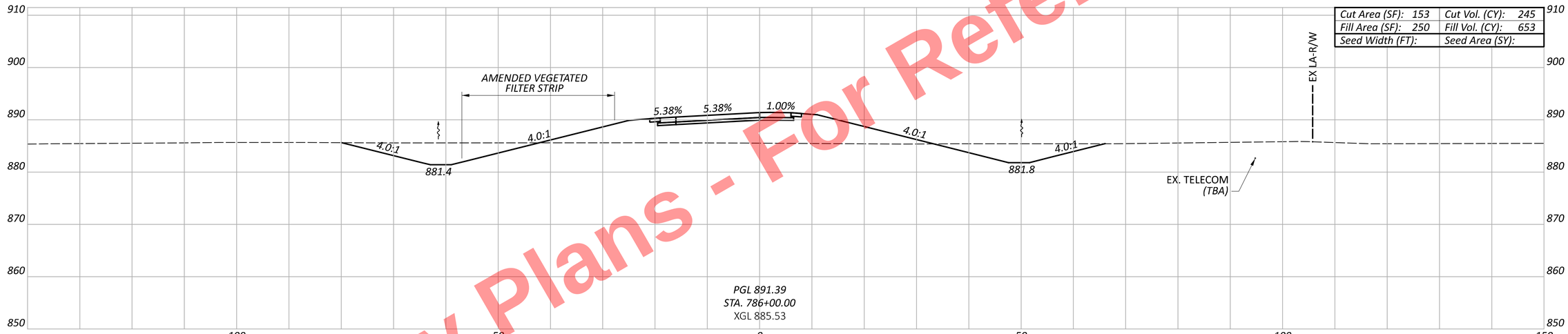
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.154
TOTAL: 323

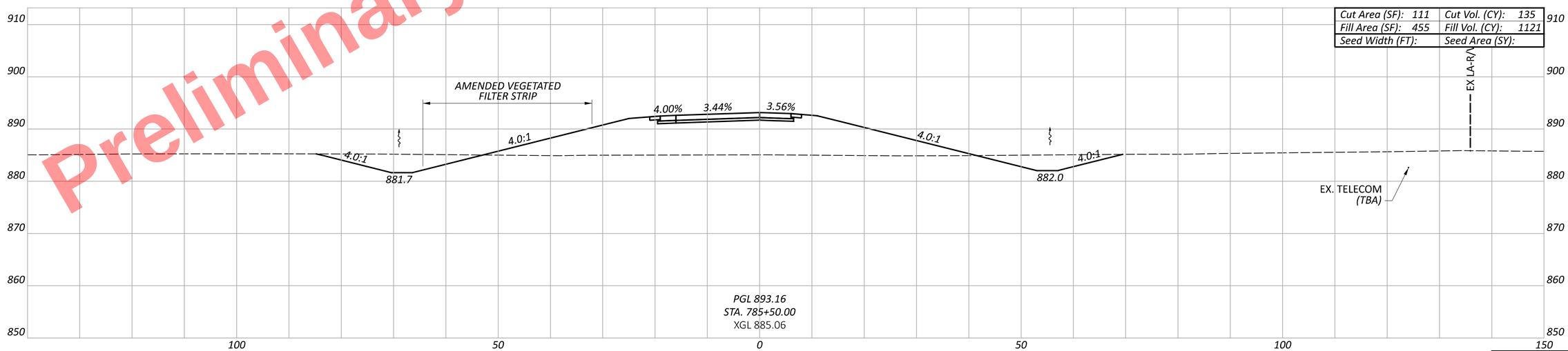
WYA-23-3.47

MODEL: BLP_RD - 784+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:57:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 153	Cut Vol. (CY): 245
Fill Area (SF): 250	Fill Vol. (CY): 653
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 111	Cut Vol. (CY): 135
Fill Area (SF): 455	Fill Vol. (CY): 1121
Seed Width (FT):	Seed Area (SY):

CROSS SECTIONS - RAMP D
STA. 785+50.00 TO STA. 786+00.00

Sheet Totals		
Seeding	Cut	Fill
	380	1774

DESIGN AGENCY
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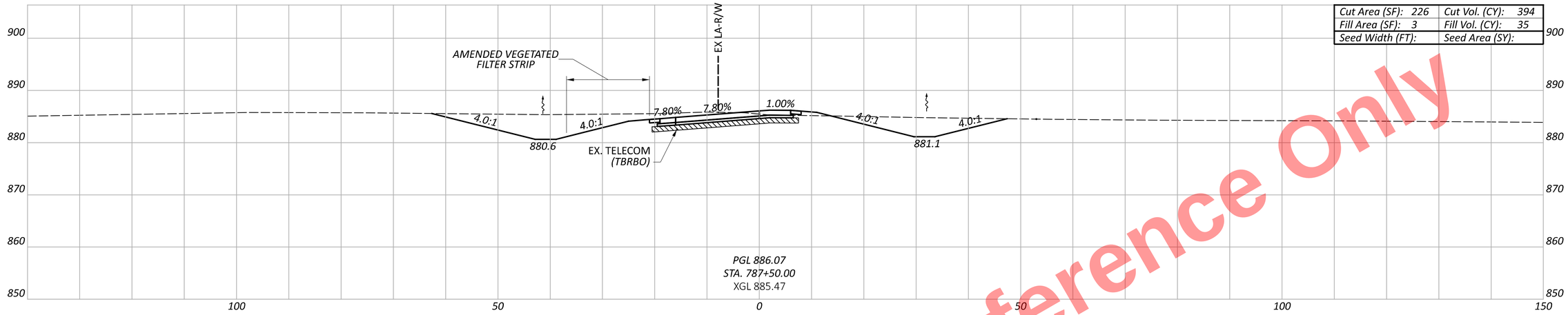
Grandview Heights, Ohio

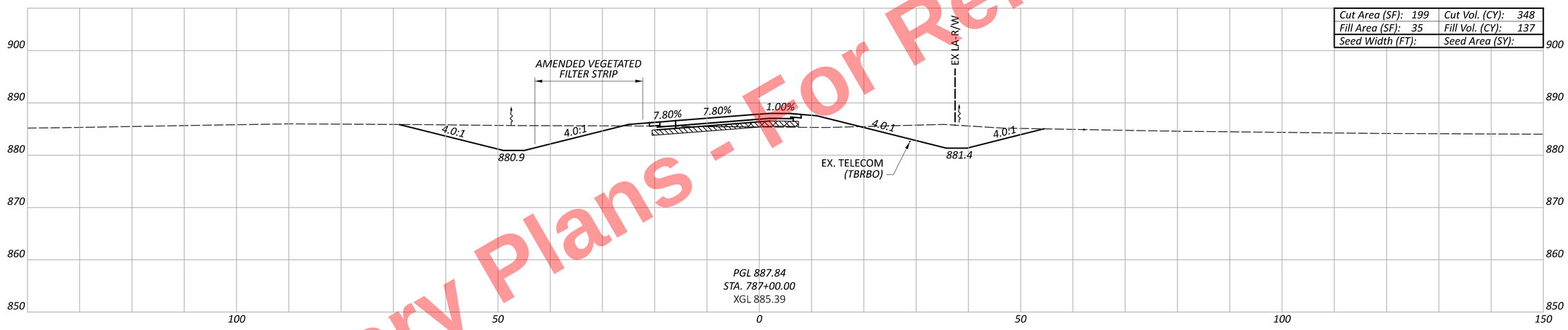
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.155 TOTAL 323

WYA-23-3.47

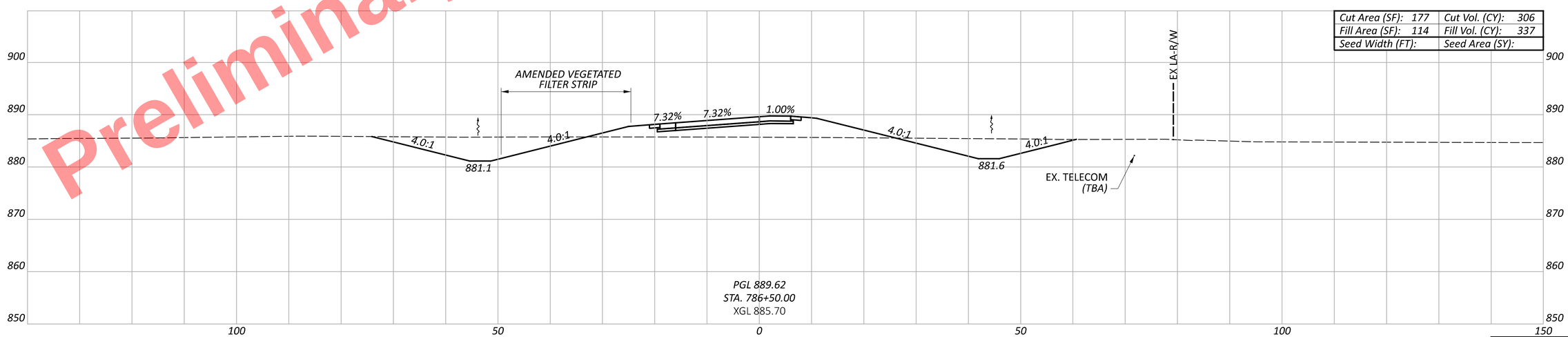
MODEL: BLP_RD - 785+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:57:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn



Cut Area (SF): 226	Cut Vol. (CY): 394
Fill Area (SF): 3	Fill Vol. (CY): 35
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 199	Cut Vol. (CY): 348
Fill Area (SF): 35	Fill Vol. (CY): 137
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 177	Cut Vol. (CY): 306
Fill Area (SF): 114	Fill Vol. (CY): 337
Seed Width (FT):	Seed Area (SY):

ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1048	509

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP D
STA. 786+50.00 TO STA. 787+50.00

WYA-23-3.47

MODEL: BLP_RD - 786+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:57:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl
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USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

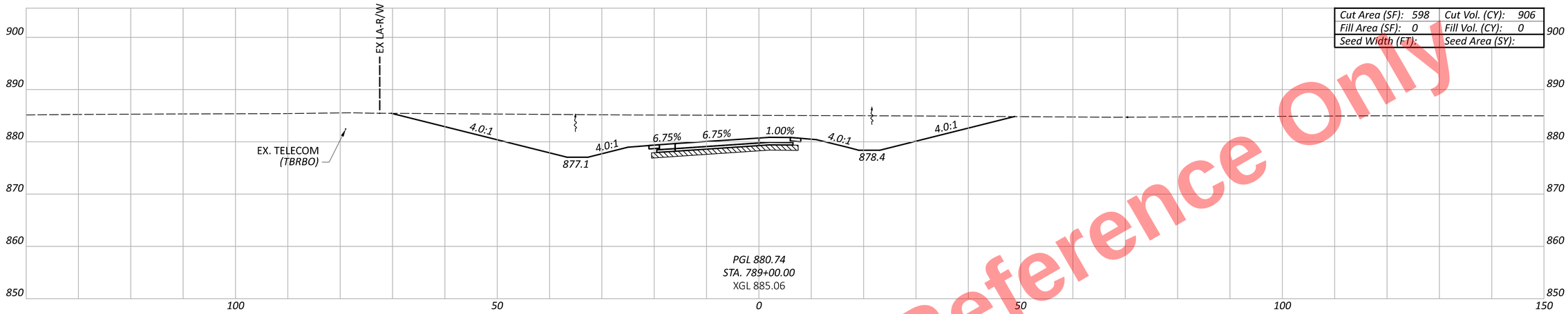
DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

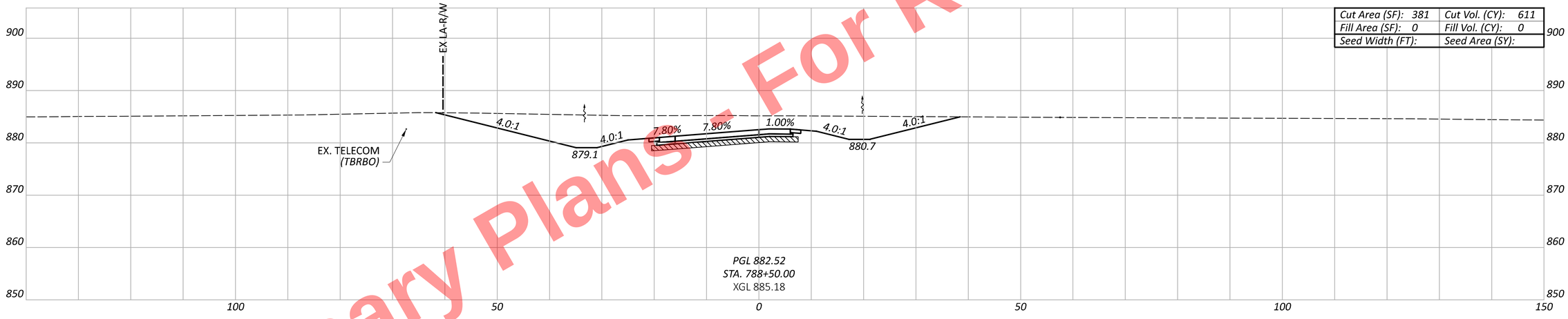
SHEET P.156 TOTAL 323

Preliminary Plans - For Reference Only



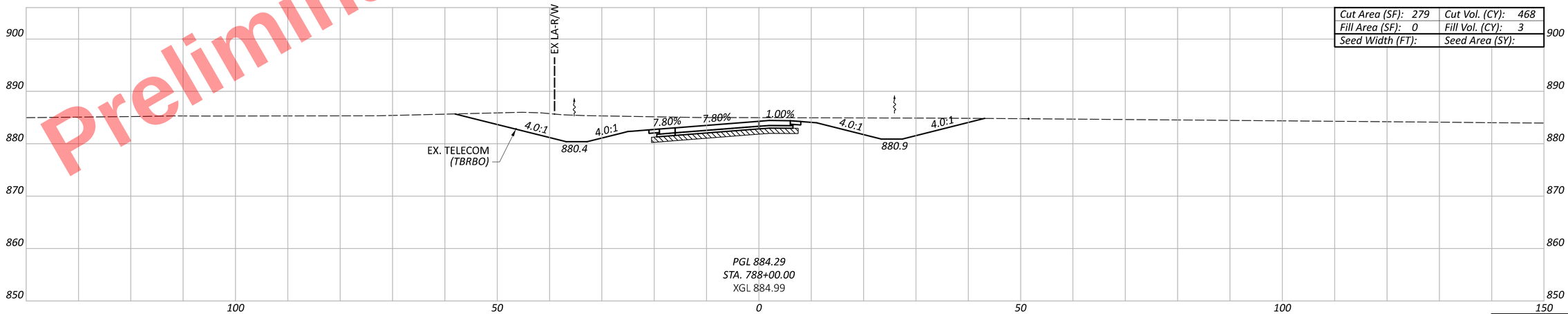
PGL 880.74
STA. 789+00.00
XGL 885.06

Cut Area (SF): 598	Cut Vol. (CY): 906
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 882.52
STA. 788+50.00
XGL 885.18

Cut Area (SF): 381	Cut Vol. (CY): 611
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



PGL 884.29
STA. 788+00.00
XGL 884.99

Cut Area (SF): 279	Cut Vol. (CY): 468
Fill Area (SF): 0	Fill Vol. (CY): 3
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1985	3

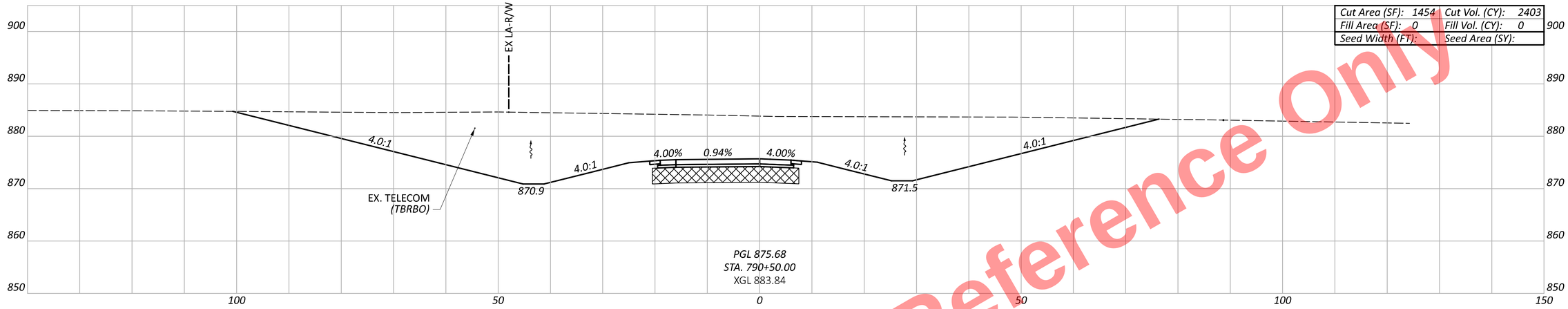
CROSS SECTIONS - RAMP D
STA. 788+50.00 TO STA. 789+00.00

WYA-23-3.47

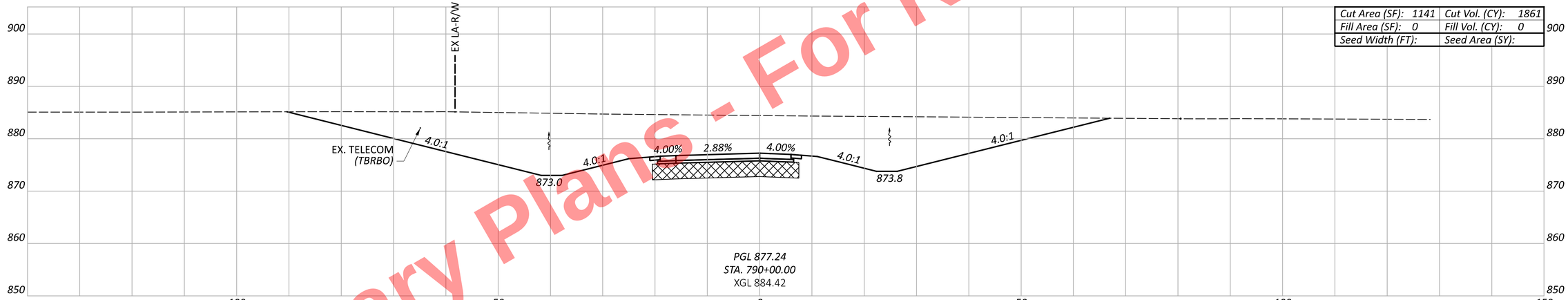
MODEL: BLP_RD - 788+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:58:00 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCivil02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

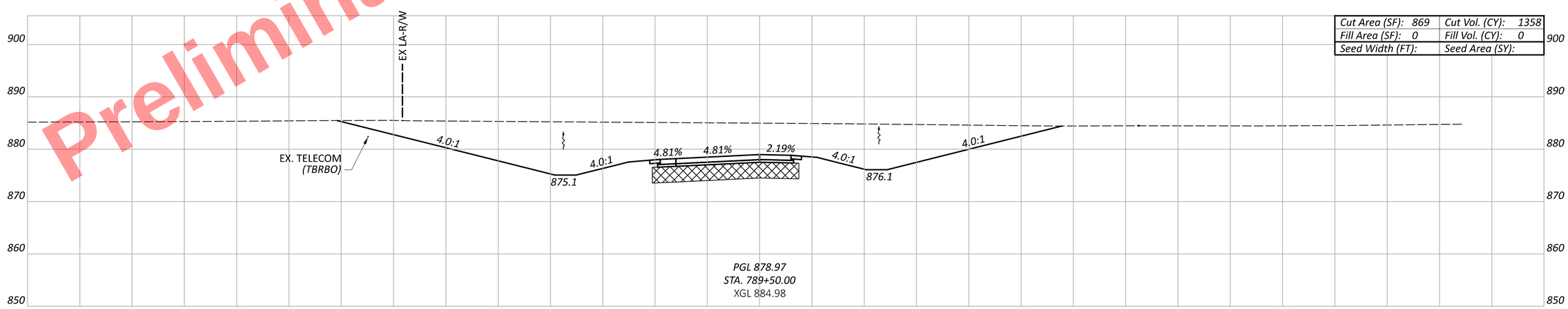
DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.157
TOTAL	323



Cut Area (SF): 1454	Cut Vol. (CY): 2403
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 1141	Cut Vol. (CY): 1861
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 869	Cut Vol. (CY): 1358
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	5622	0

Preliminary Plans - For Reference Only

CROSS SECTIONS - RAMP D
STA. 789+50.00 TO STA. 790+50.00

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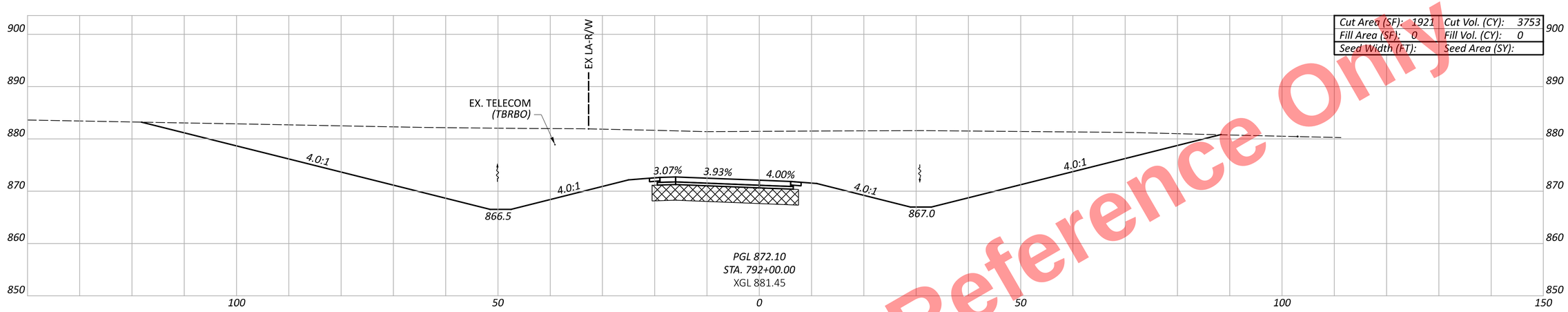
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.158
TOTAL: 323

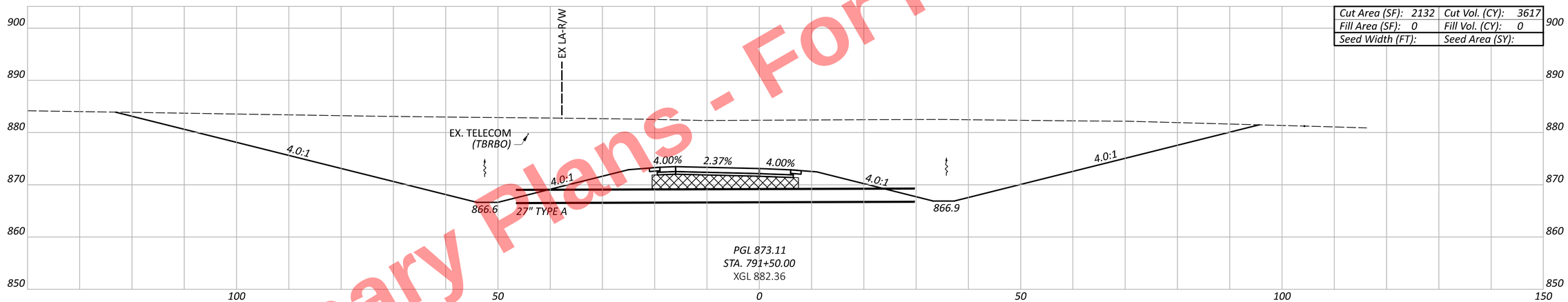
WYA-23-3.47

MODEL: BLP_RD - 789+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:24:11 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

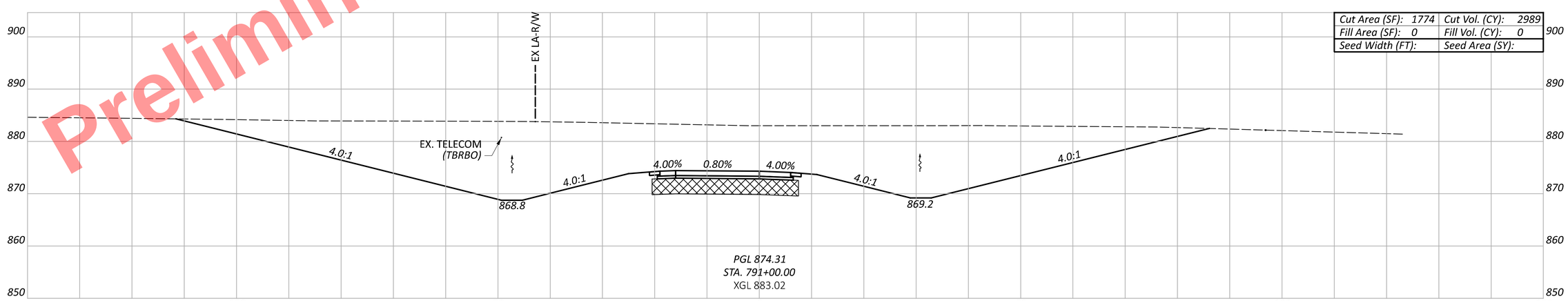
Preliminary Plans - For Reference Only



Cut Area (SF): 1921	Cut Vol. (CY): 3753
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 2132	Cut Vol. (CY): 3617
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 1774	Cut Vol. (CY): 2989
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	10359	0

CROSS SECTIONS - RAMP D
STA. 791+00.00 TO STA. 792+00.00

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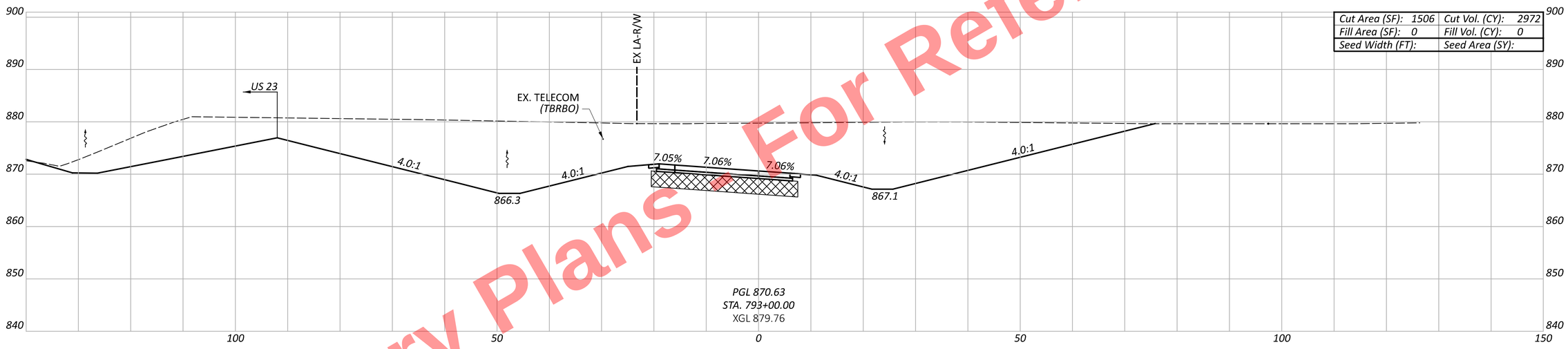
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.159 TOTAL: 323

WYA-23-3.47

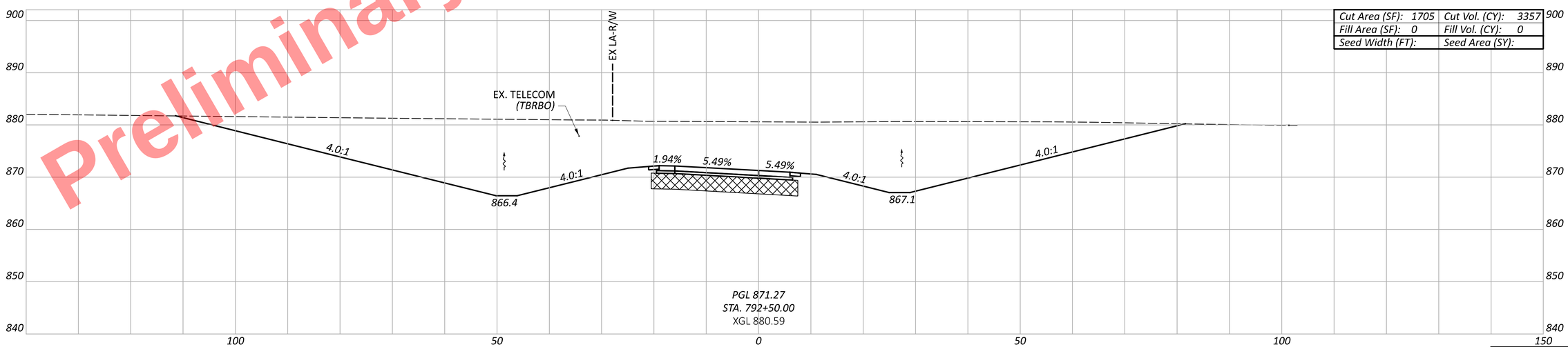
MODEL: BLP_RD - 791+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:24:23 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

Preliminary Plans - For Reference Only



Cut Area (SF): 1506	Cut Vol. (CY): 2972
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 870.63
STA. 793+00.00
XGL 879.76



Cut Area (SF): 1705	Cut Vol. (CY): 3357
Fill Area (SF): 0	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

PGL 871.27
STA. 792+50.00
XGL 880.59

ITEM 204 - EXCAVATION OF SUBGRADE (UNSUITABLE) AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	6329	0

CROSS SECTIONS - RAMP D
STA. 792+50.00 TO STA. 793+00.00

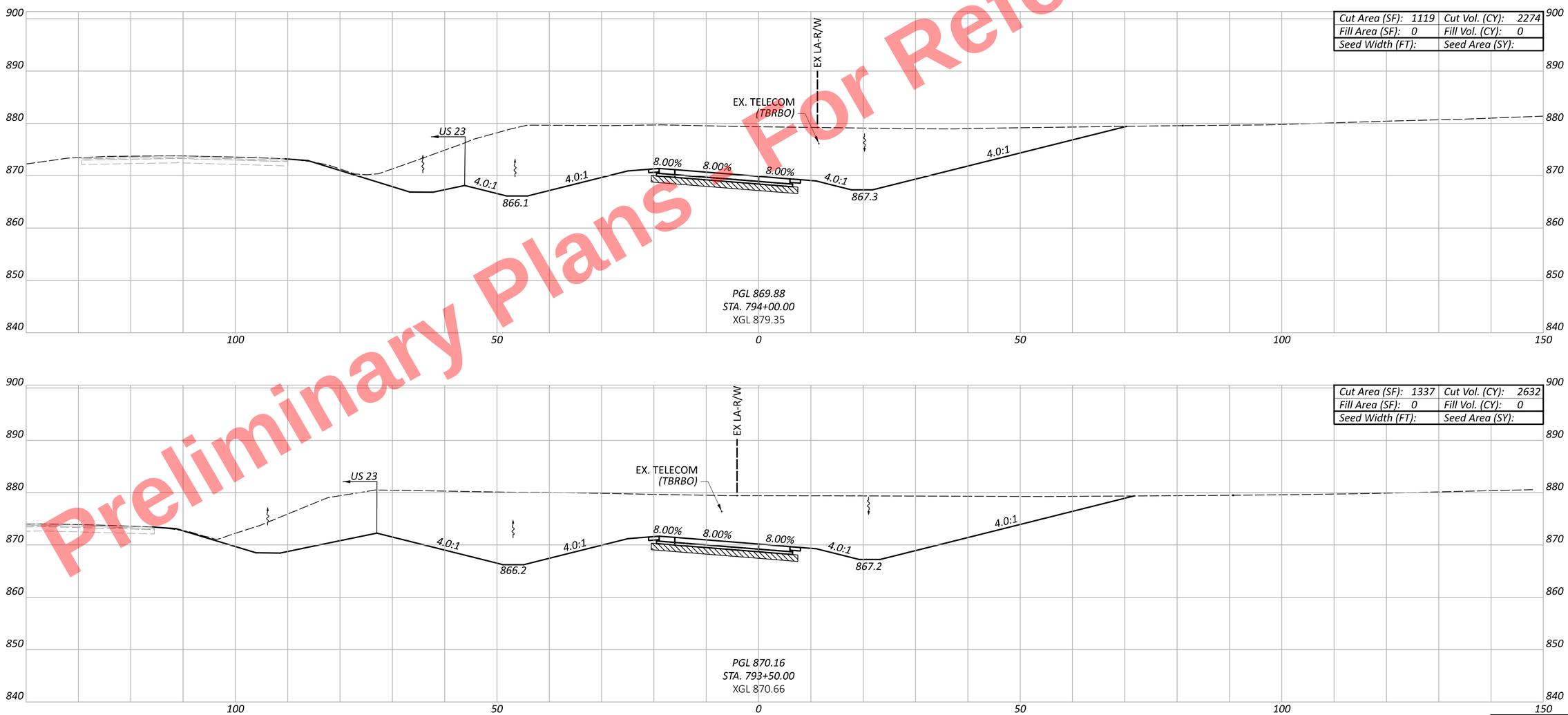
WYA-23-3.47

MODEL: BLP_RD - 792+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:24:33 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.160 TOTAL 323

Preliminary Plans For Reference Only



ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	4906	0

CROSS SECTIONS - RAMP D
STA. 793+50.00 TO STA. 794+00.00

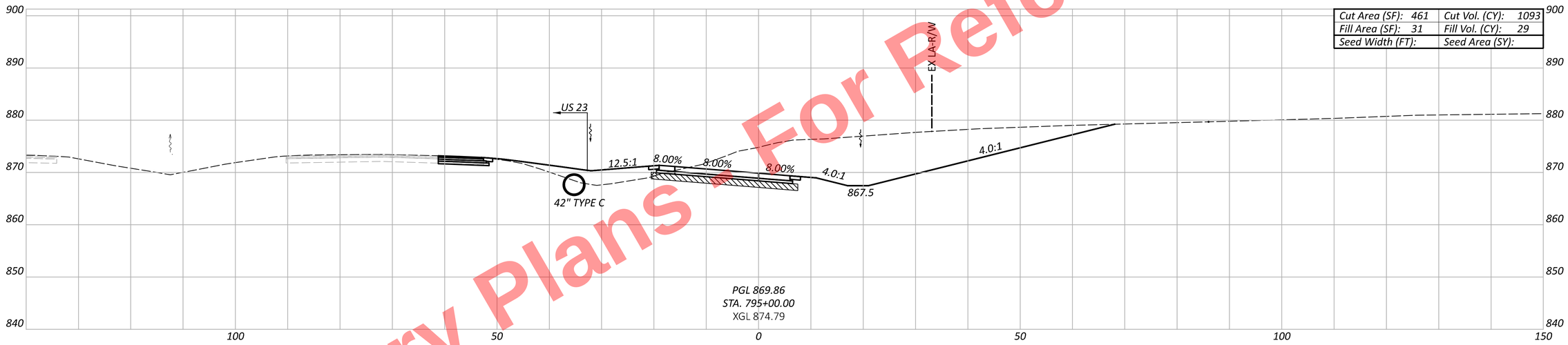
WYA-23-3.47

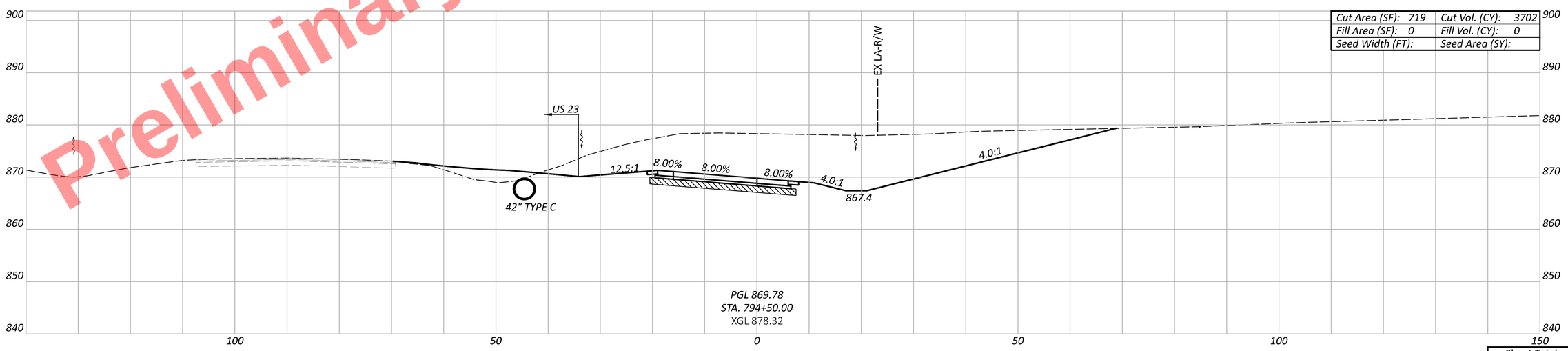
MODEL: BLP_RD - 793+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:58:52 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCfx02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.161
TOTAL	323

Preliminary Plans - For Reference Only





ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	4795	29

CROSS SECTIONS - RAMP D
STA. 794+50.00 TO STA. 795+00.00

WYA-23-3.47

MODEL: BLP_RD - 794+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/9/2026 TIME: 1:57:07 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

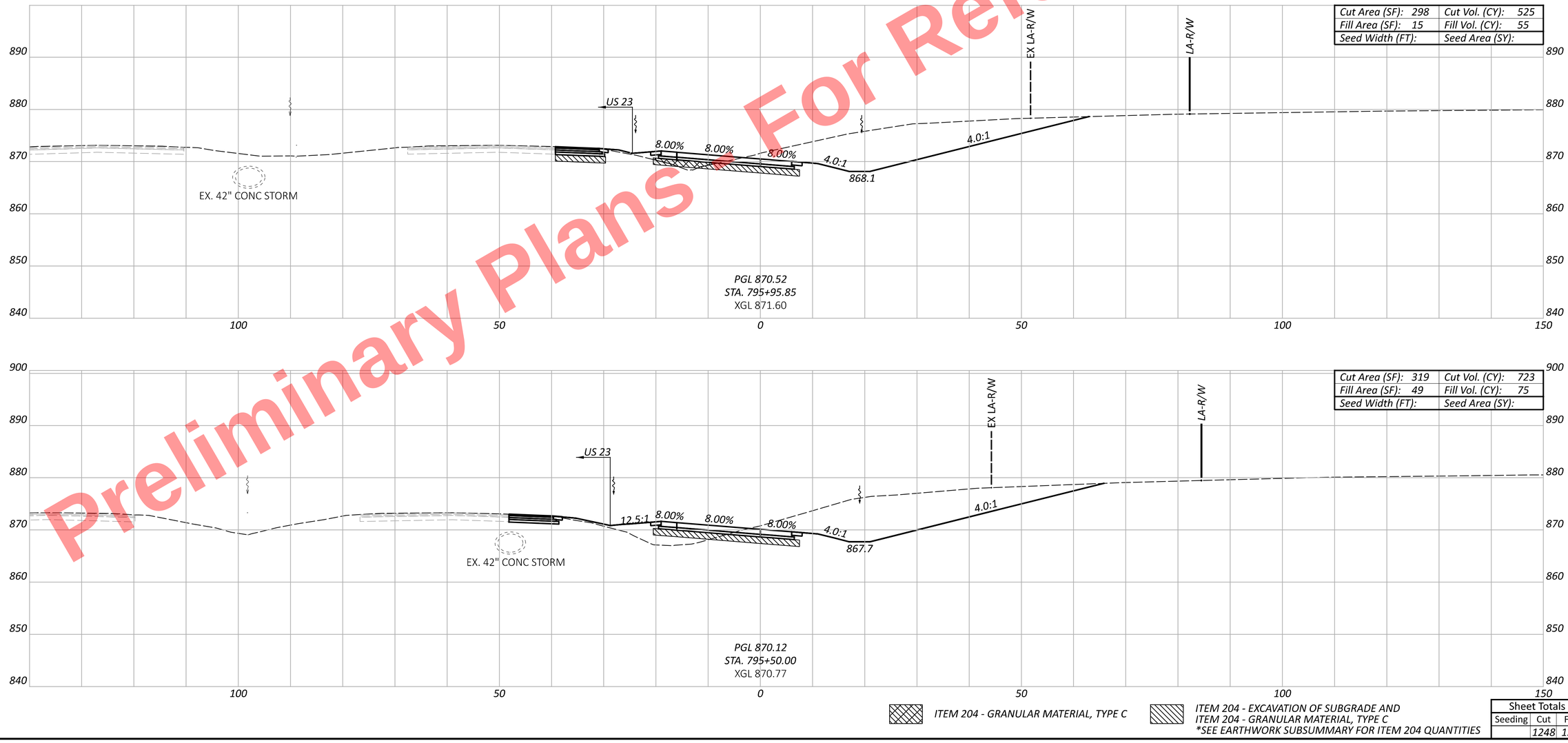
DESIGNER JNL

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.162 TOTAL 323

Preliminary Plans
For Reference Only



ITEM 204 - GRANULAR MATERIAL, TYPE C

ITEM 204 - EXCAVATION OF SUBGRADE AND
ITEM 204 - GRANULAR MATERIAL, TYPE C
*SEE EARTHWORK SUBSUMMARY FOR ITEM 204 QUANTITIES

Sheet Totals		
Seeding	Cut	Fill
	1248	130

CROSS SECTIONS - RAMP D
STA. 795+50.00 TO STA. 795+95.85

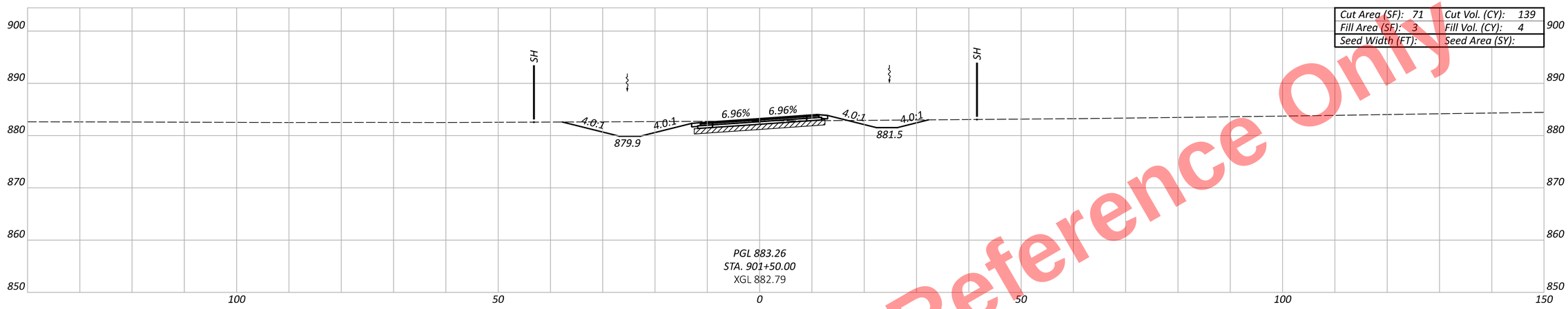
WYA-23-3.47

MODEL: BLP_RD - 795+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/9/2026 TIME: 1:57:15 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS140.dgn
USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
121424_XS140.dgn

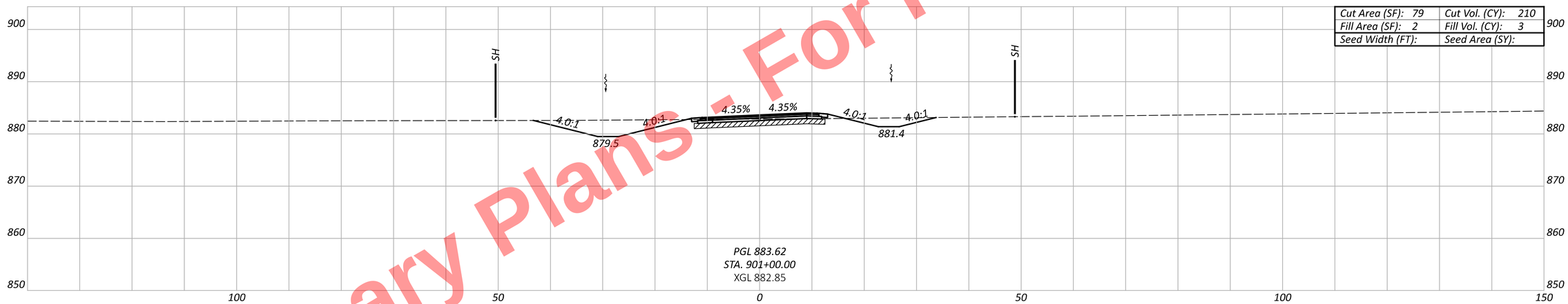
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.163
TOTAL	323

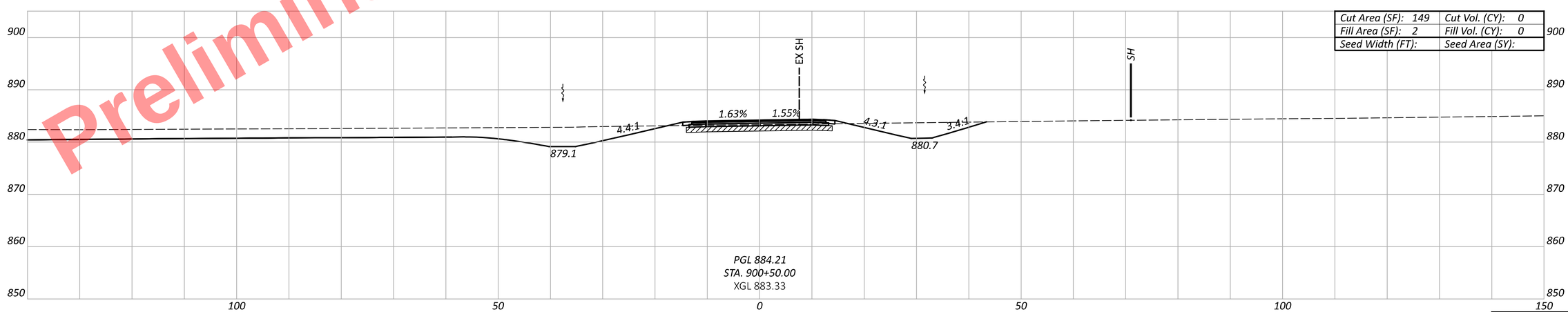
Preliminary Plans - For Reference Only



Cut Area (SF): 71	Cut Vol. (CY): 139
Fill Area (SF): 3	Fill Vol. (CY): 4
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 79	Cut Vol. (CY): 210
Fill Area (SF): 2	Fill Vol. (CY): 3
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 149	Cut Vol. (CY): 0
Fill Area (SF): 2	Fill Vol. (CY): 0
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	349	7

CROSS SECTIONS - TR 127
STA. 900+50.00 TO STA. 901+50.00

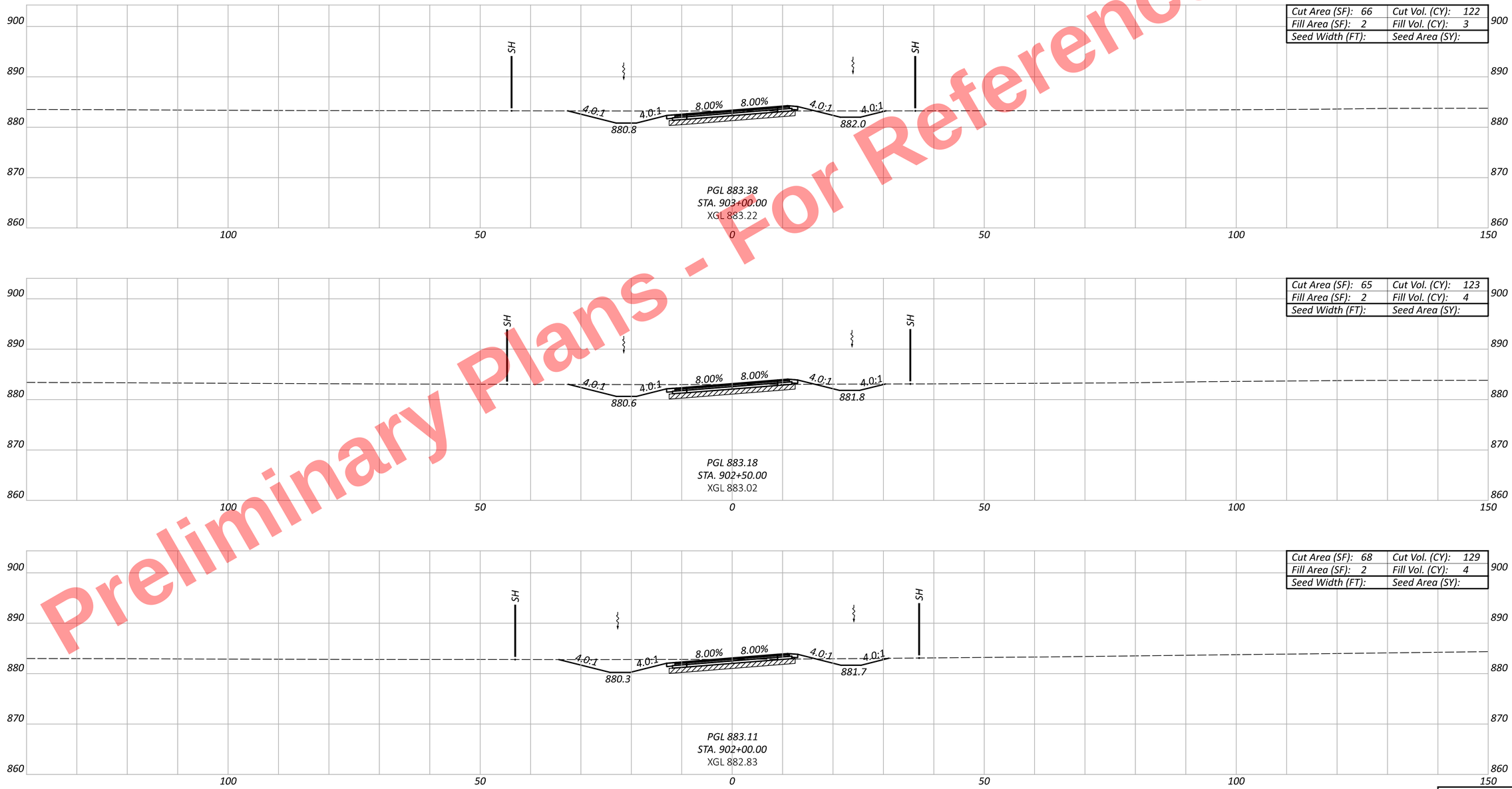
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.164 TOTAL: 323

WYA-23-3.47

MODEL: CLP_TR127 - 900+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:59:32 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only



ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	373	11

CROSS SECTIONS - TR 127
STA. 902+00.00 TO STA. 903+00.00

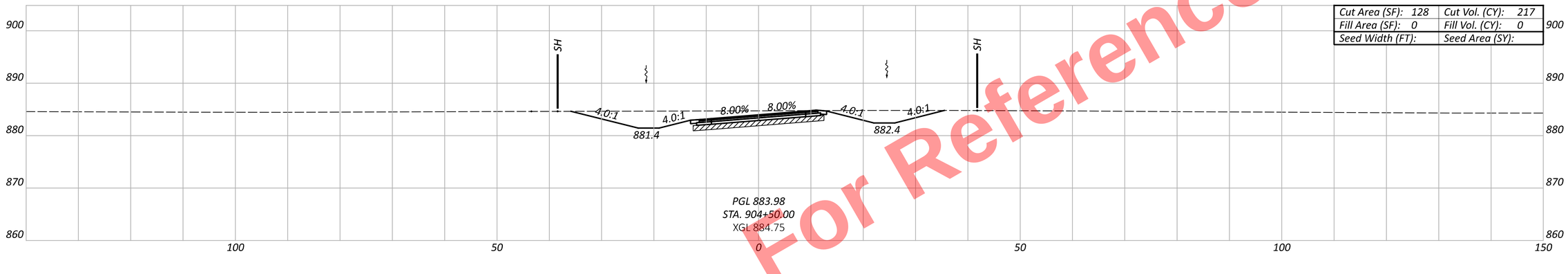
WYA-23-3.47

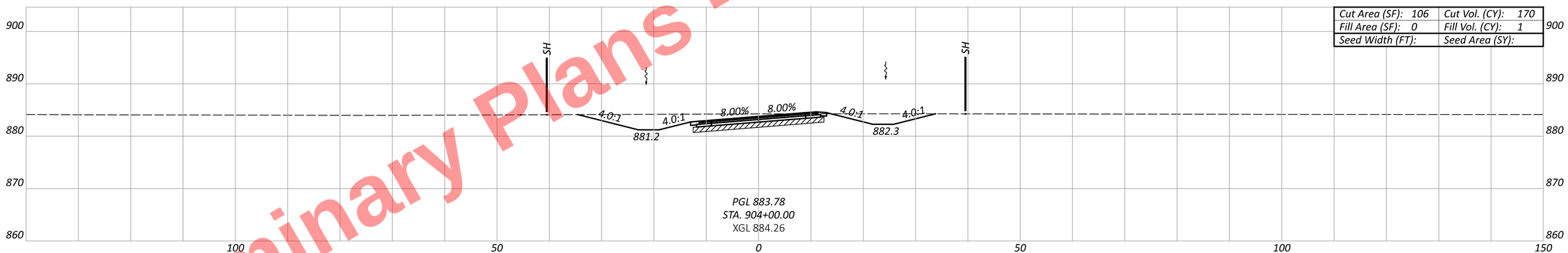
MODEL: CLP_TR127 - 902+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:59:46 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

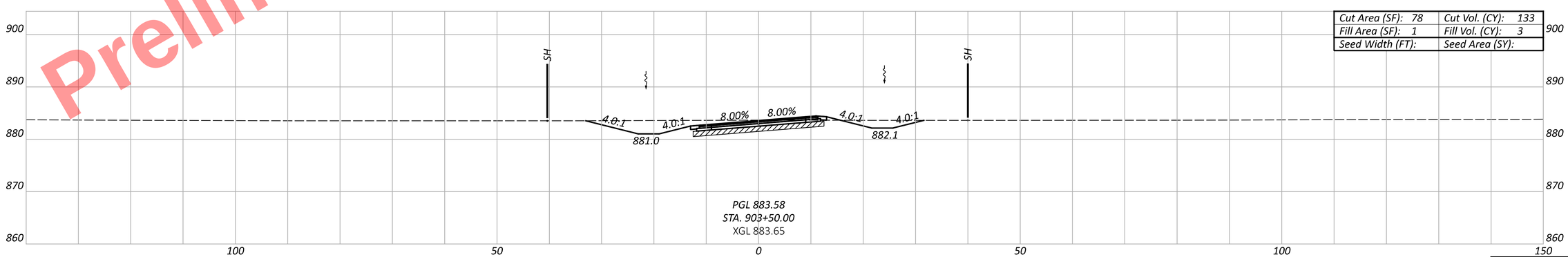
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	JNL
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.165
TOTAL	323

Preliminary Plans - For Reference Only







ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	521	4

CROSS SECTIONS - TR 127
STA. 903+50.00 TO STA. 904+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

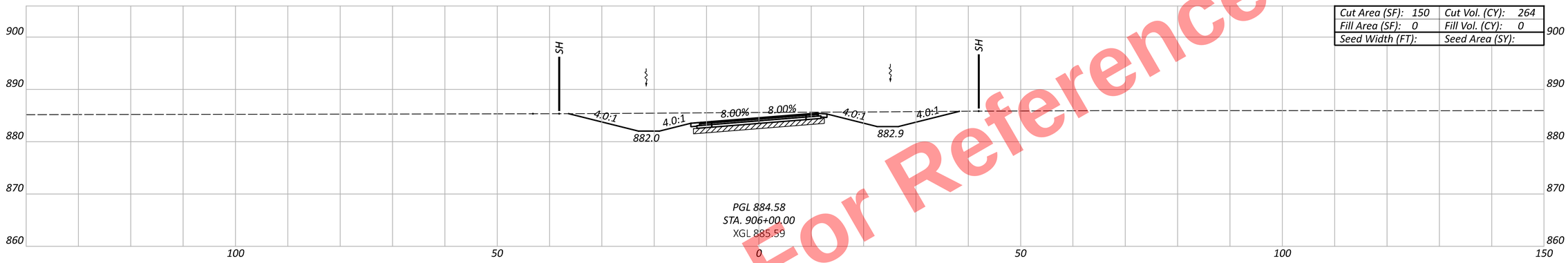
PROJECT ID 121424

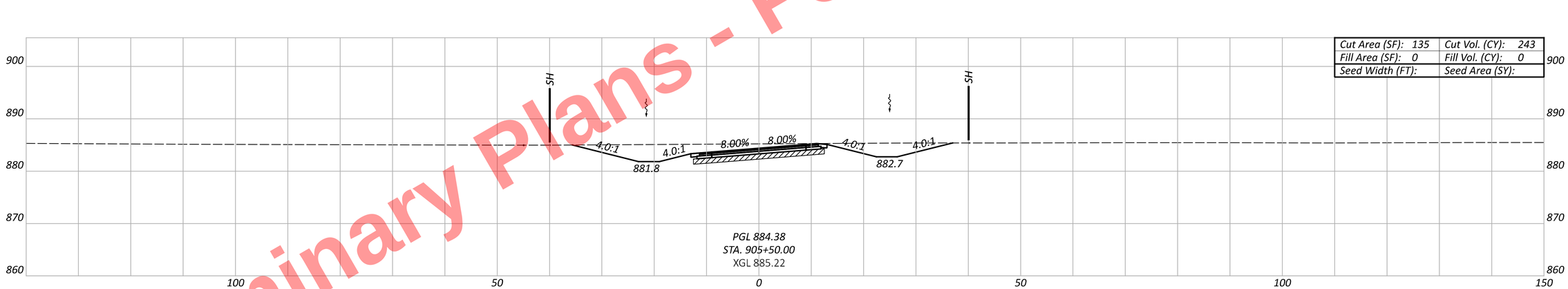
SHEET P.166 TOTAL 323

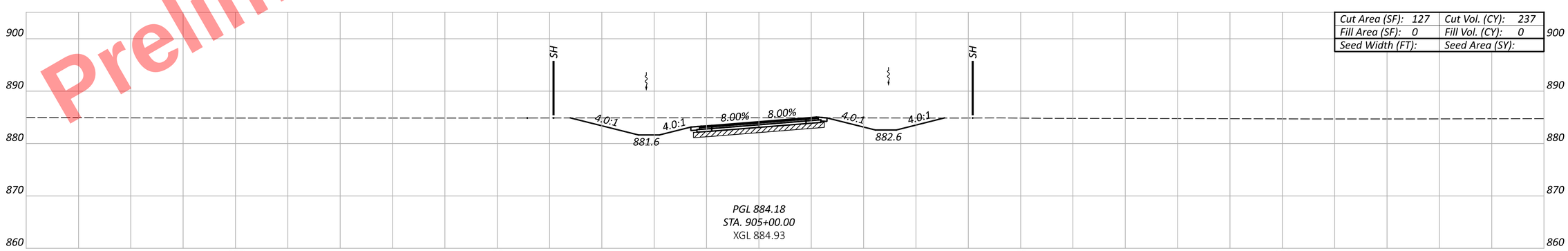
WYA-23-3.47

MODEL: CLP_TR127 - 903+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:00:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only







ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	744	0

CROSS SECTIONS - TR 127
STA. 905+00.00 TO STA. 906+00.00

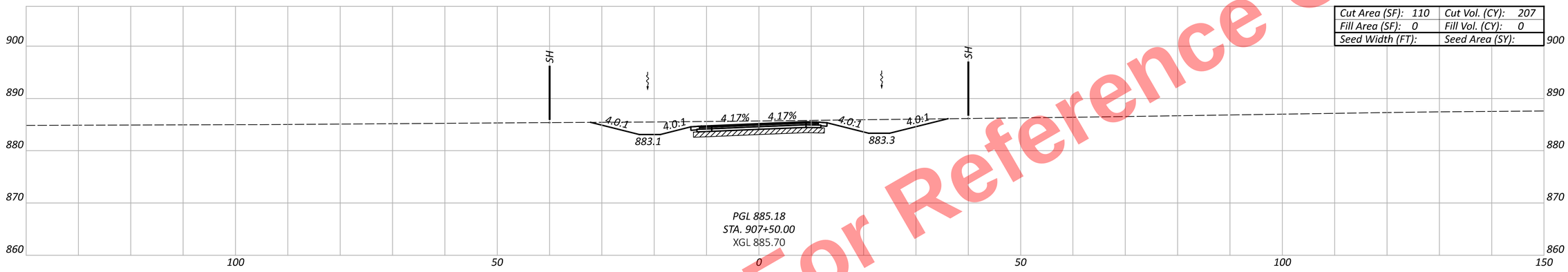
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

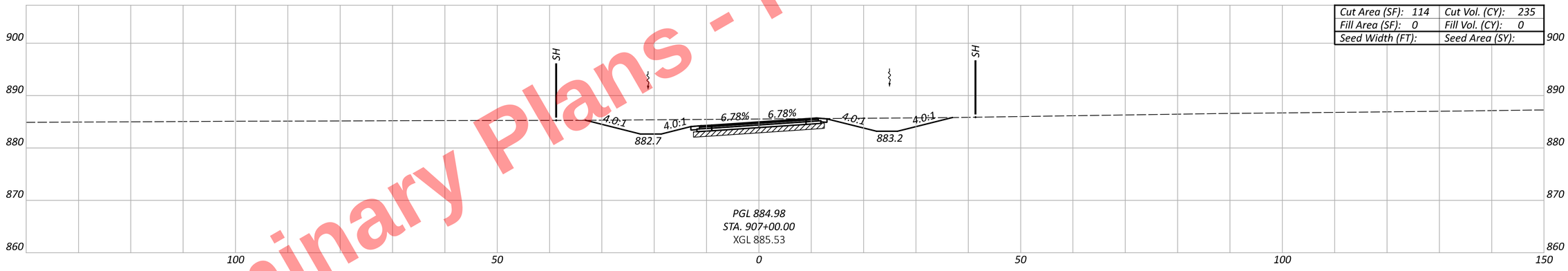
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.167 TOTAL: 323

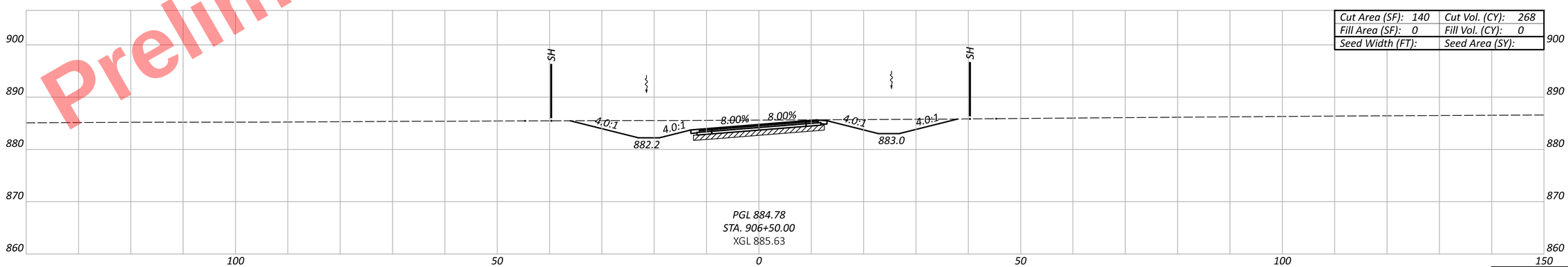
WYA-23-3.47

MODEL: CLP_TR127 - 905+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:00:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only







ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	710	0

CROSS SECTIONS - TR 127
STA. 906+50.00 TO STA. 907+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

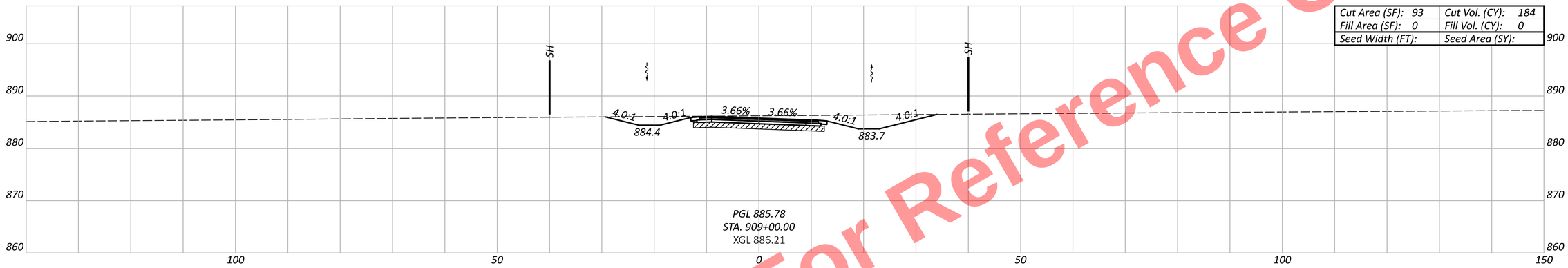
DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424

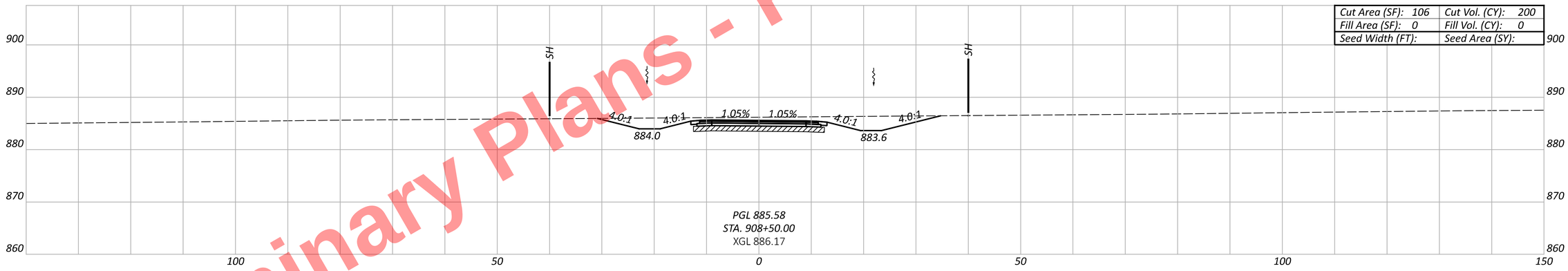
SHEET	TOTAL
P.168	323

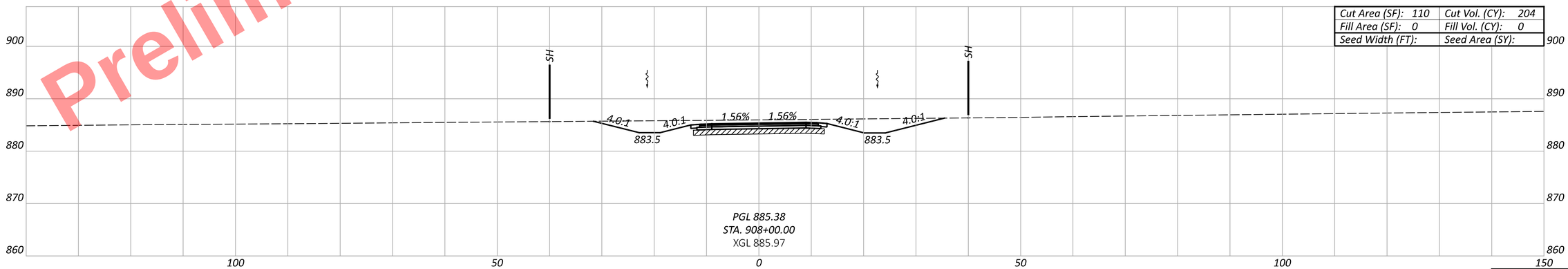
WYA-23-3.47

MODEL: CLP_TR127 - 906+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:00:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only







ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	589	0

CROSS SECTIONS - TR 127
STA. 908+00.00 TO STA. 909+00.00

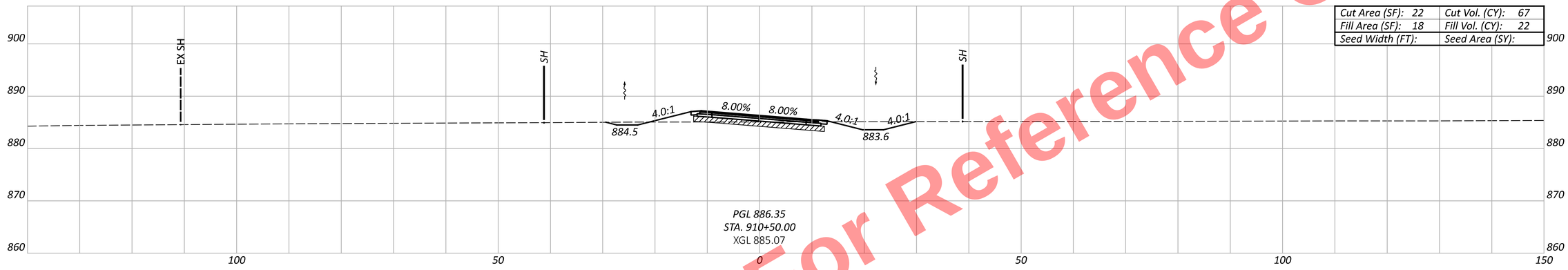
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.169
TOTAL: 323

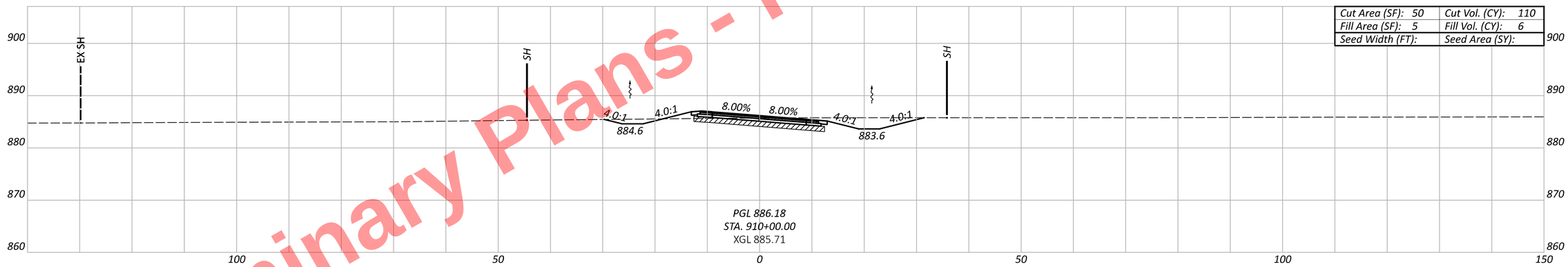
WYA-23-3.47

MODEL: CLP_TR127 - 908+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:00:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02 Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

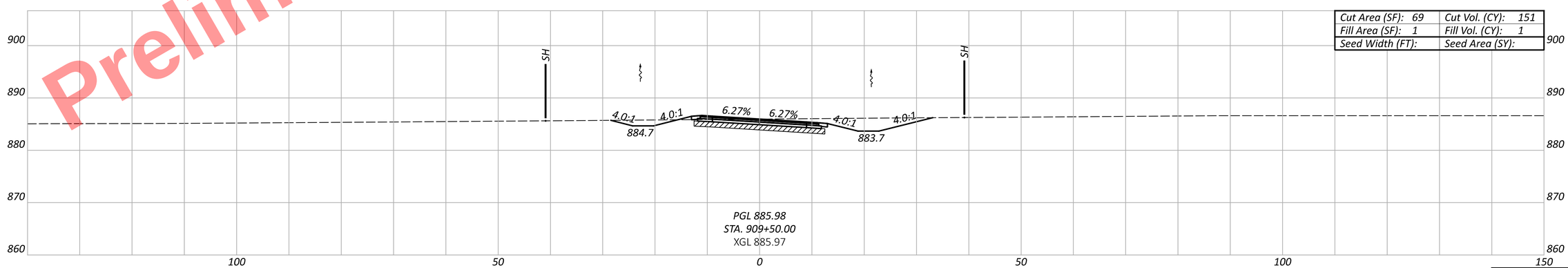
Preliminary Plans - For Reference Only



Cut Area (SF): 22	Cut Vol. (CY): 67
Fill Area (SF): 18	Fill Vol. (CY): 22
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 50	Cut Vol. (CY): 110
Fill Area (SF): 5	Fill Vol. (CY): 6
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 69	Cut Vol. (CY): 151
Fill Area (SF): 1	Fill Vol. (CY): 1
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	327	28

CROSS SECTIONS - TR 127
STA. 909+50.00 TO STA. 910+50.00

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL

REVIEWER ACF 02/13/26

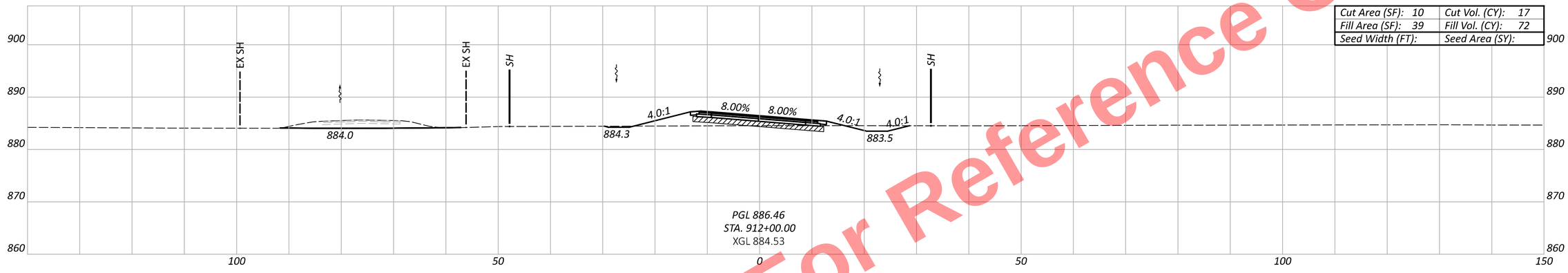
PROJECT ID 121424

SHEET P.170 TOTAL 323

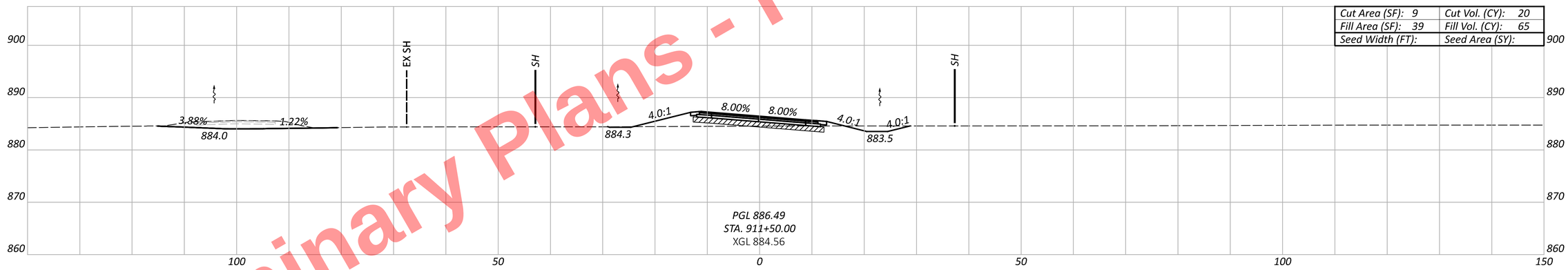
WYA-23-3.47

MODEL: CLP_TR127 - 909+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:00:58 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

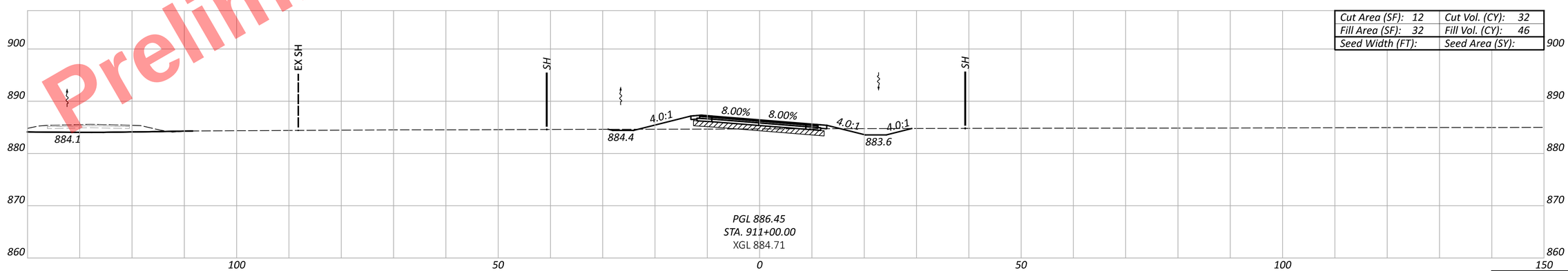
Preliminary Plans - For Reference Only



Cut Area (SF): 10	Cut Vol. (CY): 17
Fill Area (SF): 39	Fill Vol. (CY): 72
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 9	Cut Vol. (CY): 20
Fill Area (SF): 39	Fill Vol. (CY): 65
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 12	Cut Vol. (CY): 32
Fill Area (SF): 32	Fill Vol. (CY): 46
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	69	184

CROSS SECTIONS - TR 127
STA. 911+00.00 TO STA. 912+00.00

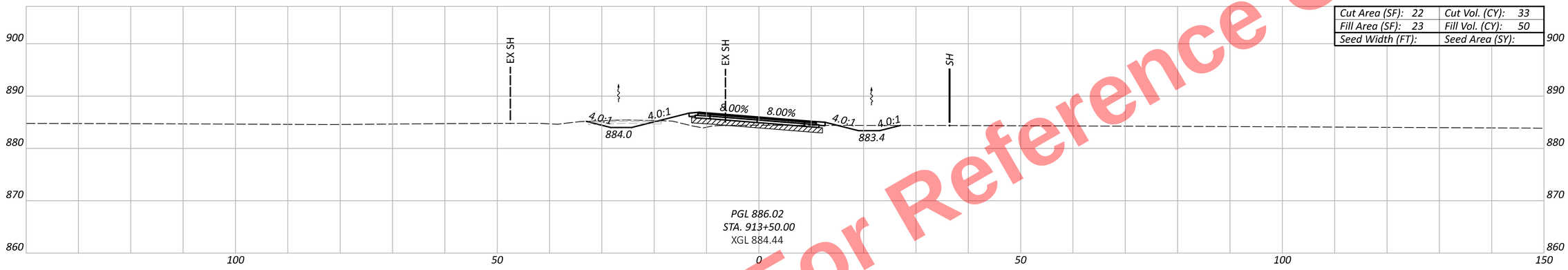
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.171 TOTAL: 323

WYA-23-3.47

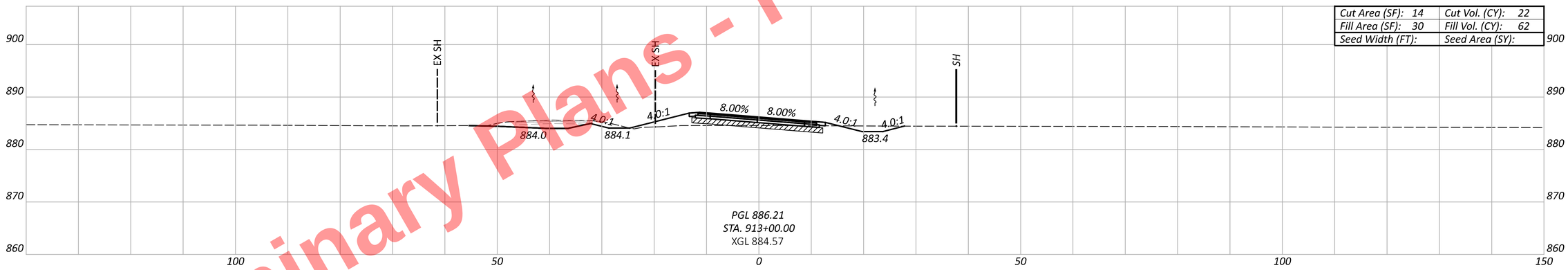
MODEL: CLP_TR127 - 911+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:01:14 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only



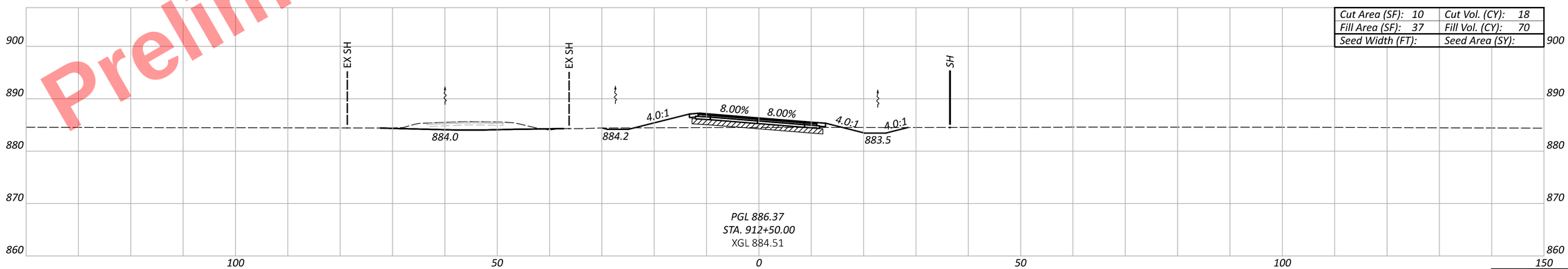
Cut Area (SF): 22	Cut Vol. (CY): 33
Fill Area (SF): 23	Fill Vol. (CY): 50
Seed Width (FT):	Seed Area (SY):

PGL 886.02
STA. 913+50.00
XGL 884.44



Cut Area (SF): 14	Cut Vol. (CY): 22
Fill Area (SF): 30	Fill Vol. (CY): 62
Seed Width (FT):	Seed Area (SY):

PGL 886.21
STA. 913+00.00
XGL 884.57



Cut Area (SF): 10	Cut Vol. (CY): 18
Fill Area (SF): 37	Fill Vol. (CY): 70
Seed Width (FT):	Seed Area (SY):

PGL 886.37
STA. 912+50.00
XGL 884.51

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	74	181

CROSS SECTIONS - TR 127
STA. 912+50.00 TO STA. 913+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

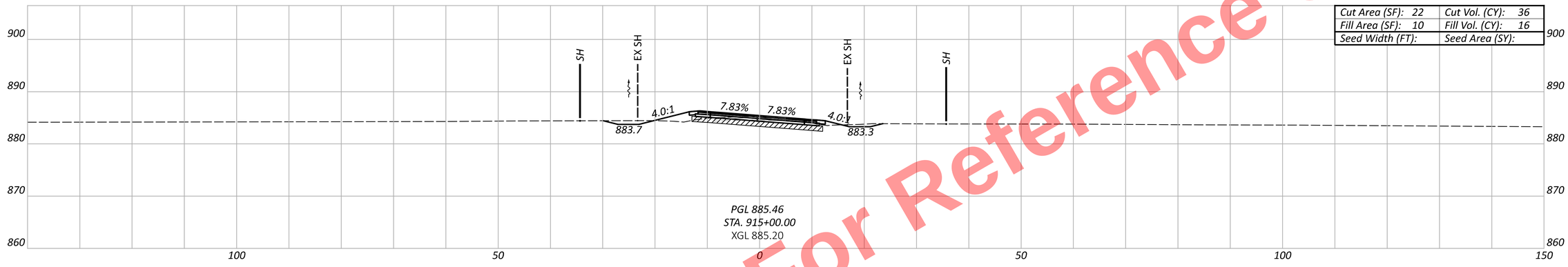
DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424

SHEET P.172 TOTAL 323

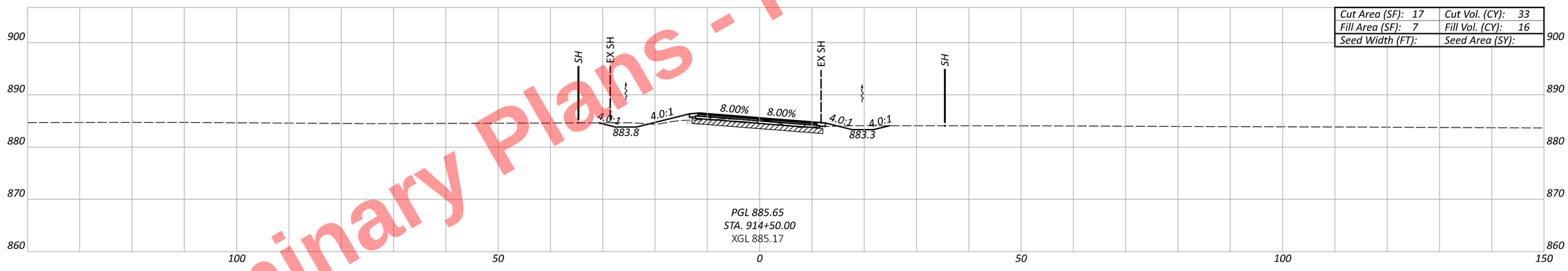
WYA-23-3.47

MODEL: CLP_TR127 - 912+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:01:29 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\d02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

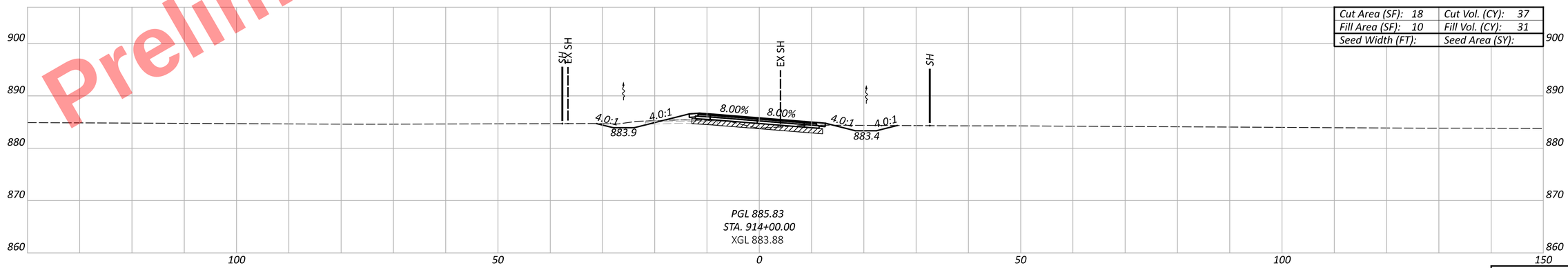
Preliminary Plans - For Reference Only



Cut Area (SF): 22	Cut Vol. (CY): 36
Fill Area (SF): 10	Fill Vol. (CY): 16
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 17	Cut Vol. (CY): 33
Fill Area (SF): 7	Fill Vol. (CY): 16
Seed Width (FT):	Seed Area (SY):



Cut Area (SF): 18	Cut Vol. (CY): 37
Fill Area (SF): 10	Fill Vol. (CY): 31
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	106	63

CROSS SECTIONS - TR 127
STA. 914+00.00 TO STA. 915+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL

REVIEWER: ACF 02/13/26

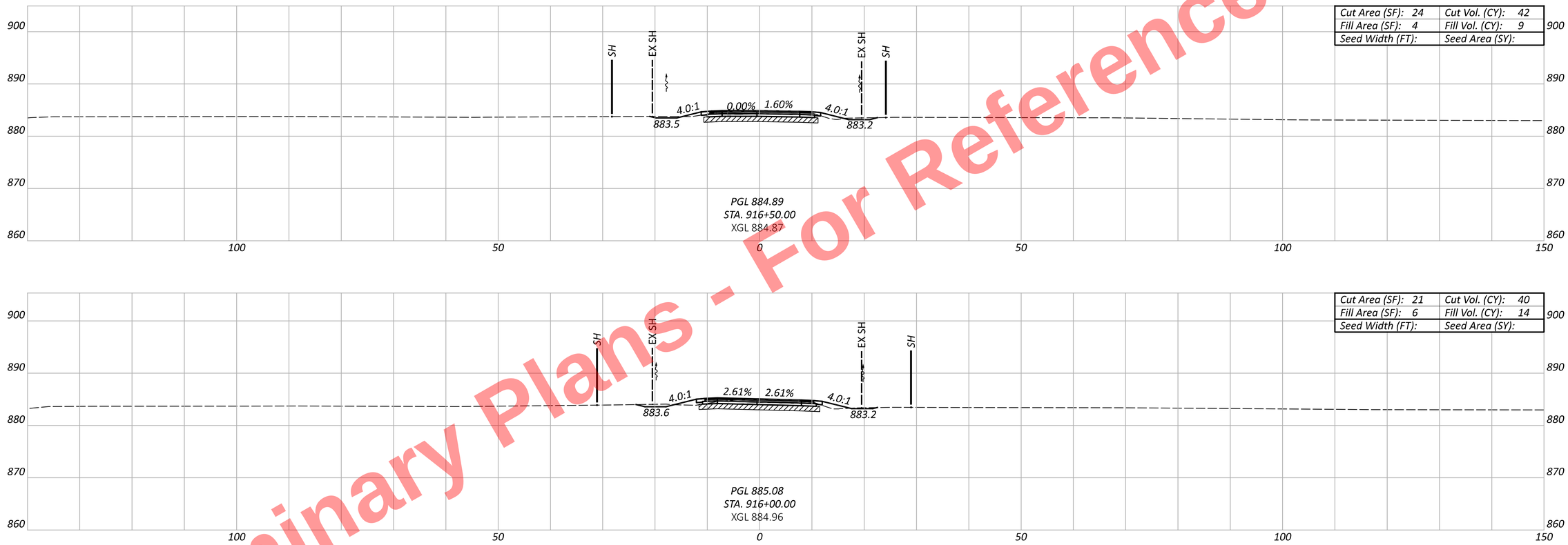
PROJECT ID: 121424

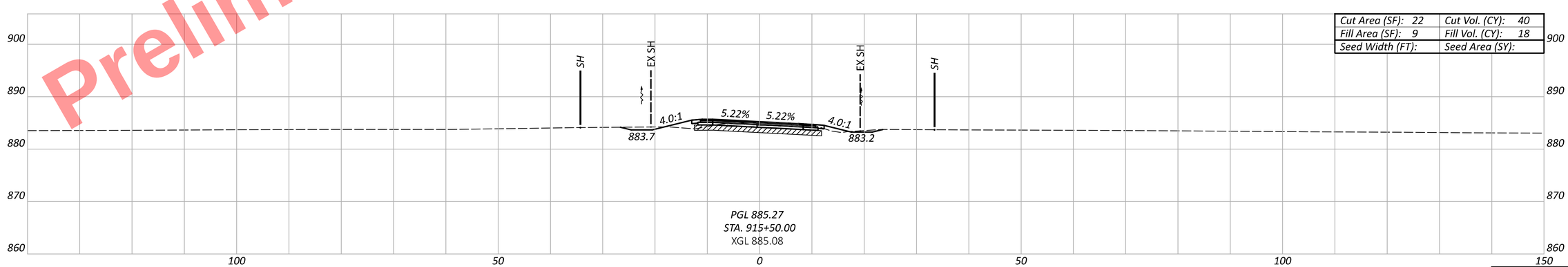
SHEET: P.173 TOTAL: 323

WYA-23-3.47

MODEL: CLP_TR127 - 914+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:01:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only





ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	121	41

CROSS SECTIONS - TR 127
STA. 915+50.00 TO STA. 916+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.174 TOTAL 323

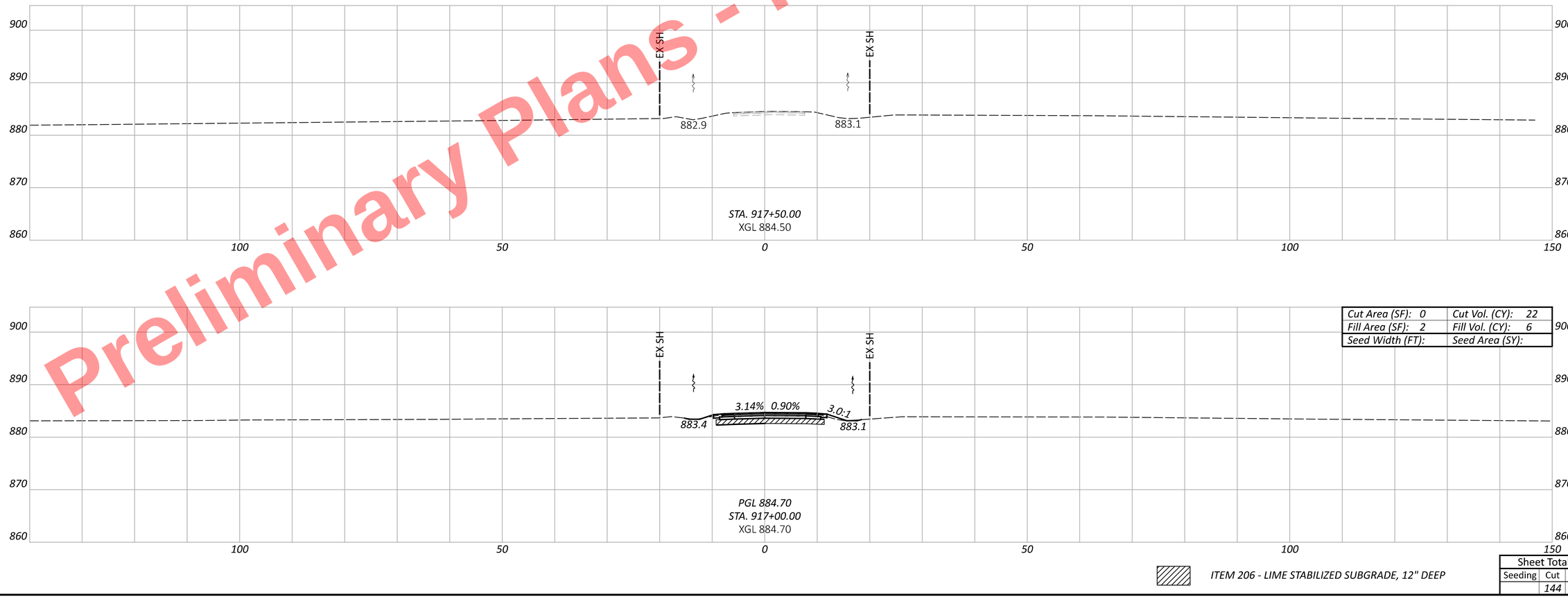
WYA-23-3.47

MODEL: CLP_TR127 - 915+50.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:01:59 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

Preliminary Plans - For Reference Only

MODEL: CLP_TR127 - 917+00.00 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 3:02:12 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Roadway\Sheets\121424_XS200.dgn

WYA-23-3.47



Cut Area (SF): 0	Cut Vol. (CY): 22
Fill Area (SF): 2	Fill Vol. (CY): 6
Seed Width (FT):	Seed Area (SY):

ITEM 206 - LIME STABILIZED SUBGRADE, 12" DEEP

Sheet Totals		
Seeding	Cut	Fill
	144	49

CROSS SECTIONS - TR 127
STA. 917+00.00 TO STA. 917+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: JNL

REVIEWER: ACF 02/13/26

PROJECT ID: 121424

SHEET: P.175 TOTAL: 323

SUPERELEVATION TABLE

P.I. STA. 483+26.13	Dc = 7°30'00"	e_{max} = 0.080

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					479+37.82	885.36	16.00	0.0160	0.2560		885.62	T.S.
					479+50.00	885.24	16.00	0.0197	0.3152		885.55	
					479+75.00	884.94	16.00	0.0273	0.4368		885.38	
					480+00.00	884.59	16.00	0.0350	0.5600		885.15	
					480+25.00	884.18	16.00	0.0426	0.6816		884.87	
					480+50.00	883.72	16.00	0.0502	0.8032		884.53	
					480+75.00	883.21	16.00	0.0578	0.9248		884.13	
					481+00.00	882.63	16.00	0.0654	1.0464		883.68	
					481+25.00	882.03	16.00	0.0730	1.1680		883.20	
					481+47.82	881.49	16.00	0.0800	1.2800		882.77	S.C.
					481+50.00	881.44	16.00	0.0800	1.2800		882.72	
					481+75.00	880.84	16.00	0.0800	1.2800		882.12	
					482+00.00	880.24	16.00	0.0800	1.2800		881.52	
					482+25.00	879.64	16.00	0.0800	1.2800		880.92	
					482+50.00	879.09	16.00	0.0800	1.2800		880.37	
					482+75.00	878.59	16.00	0.0800	1.2800		879.87	
					483+00.00	878.13	16.00	0.0800	1.2800		879.41	
					483+25.00	877.71	16.00	0.0800	1.2800		878.99	
					483+50.00	877.34	16.00	0.0800	1.2800		878.62	
					483+75.00	877.01	16.00	0.0800	1.2800		878.29	
					483+90.66	876.83	16.00	0.0800	1.2800		878.11	F.S.
					484+00.00	876.73	16.00	0.0771	1.2336		877.96	
					484+25.00	876.49	16.00	0.0693	1.1088		877.60	
					484+50.00	876.30	16.00	0.0615	0.9840		877.28	
					484+75.00	876.15	16.00	0.0536	0.8576		877.01	
					484+98.17	876.05	16.00	0.0464	0.7424		876.79	P.T.
					485+00.00	876.04	16.00	0.0458	0.7328	200:1	876.78	
					485+25.00	875.99	16.00	0.0380	0.6080		876.59	
					485+50.00	875.97	16.00	0.0302	0.4832		876.45	
					485+75.00	876.00	16.00	0.0224	0.3584		876.36	
					485+95.46	876.06	16.00	0.0160	0.2560		876.31	N.C.
					486+00.00	876.07	16.00	0.0146	0.2336		876.31	
					486+25.00	876.19	16.00	0.0068	0.1088		876.30	
					486+46.66	876.33	16.00	0.0000	0.0000		876.33	FLAT

SUPERELEVATION TABLE

P.I. STA. 489+42.54	Dc = 18°00'00"	e_{max} = 0.080

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					486+46.66	876.33	16.00	0.0000	0.0000		876.33	FLAT
					486+50.00	876.36	16.00	-0.0013	-0.0208		876.34	
					486+75.00	876.57	16.00	-0.0110	-0.1760		876.39	
					486+87.87	876.69	16.00	-0.0160	-0.2560		876.43	R.C.
					487+00.00	876.82	16.00	-0.0207	-0.3312		876.49	
					487+25.00	877.12	16.00	-0.0304	-0.4864		876.63	
					487+50.00	877.46	16.00	-0.0400	-0.6400		876.82	
					487+50.62	877.47	16.00	-0.0403	-0.6448		876.82	P.C.
					487+75.00	877.84	16.00	-0.0497	-0.7952		877.05	
					488+00.00	878.28	16.00	-0.0594	-0.9504		877.33	
					488+25.00	878.75	16.00	-0.0691	-1.1056		877.65	
					488+50.00	879.27	16.00	-0.0788	-1.2608		878.01	
					488+53.11	879.34	16.00	-0.0800	-1.2800		878.06	F.S.
					488+75.00	879.84	16.00	-0.0800	-1.2800		878.56	
					489+00.00	880.45	16.00	-0.0800	-1.2800		879.17	
					489+25.00	881.10	16.00	-0.0800	-1.2800		879.82	
					489+50.00	881.80	16.00	-0.0800	-1.2800		880.52	
					489+75.00	882.55	16.00	-0.0800	-1.2800		881.27	
					489+92.08	883.08	16.00	-0.0800	-1.2800		881.80	F.S.
					490+00.00	883.33	16.00	-0.0769	-1.2304		882.10	
					490+25.00	884.17	16.00	-0.0672	-1.0752		883.09	
					490+50.00	885.05	16.00	-0.0576	-0.9216		884.12	
					490+75.00	885.97	16.00	-0.0479	-0.7664		885.20	
					490+95.30	886.78	16.00	-0.0400	-0.6400		886.14	P.T.
					491+00.00	886.93	16.00	-0.0382	-0.6112		886.32	
					491+25.00	887.95	16.00	-0.0285	-0.4560		887.49	
					491+50.00	889.97	16.00	-0.0188	-0.3008		889.67	
					491+57.31	889.27	16.00	-0.0160	-0.2560		889.01	R.C.
					491+75.00	889.95	16.00	-0.0091	-0.1456		889.80	
					491+98.53	890.74	16.00	0.0000	0.0000		890.74	FLAT

161:1

Preliminary Plans - For Reference Only

SUPERELEVATION TABLE
RAMP A

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.176 | TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:15:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GE101.dgn

SUPERELEVATION TABLE

P.I. STA. 594+46.44	Dc = 6°00'00"	e_{max} = 0.051

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					592+69.29	885.66	16.00	0.0260	0.4160		886.08	
					592+75.00	885.40	16.00	0.0282	0.4512		885.85	
					593+00.00	884.26	16.00	0.0379	0.6064		884.87	
					593+12.30	883.72	16.00	0.0427	0.6832	161:1	884.40	P.C.
					593+25.00	883.17	16.00	0.0476	0.7616		883.93	
					593+33.81	882.80	16.00	0.0510	0.8160		883.62	F.S.
					593+50.00	882.13	16.00	0.0510	0.8160		882.94	
					593+75.00	881.13	16.00	0.0510	0.8160		881.95	
					594+00.00	880.18	16.00	0.0510	0.8160		880.99	
					594+25.00	879.27	16.00	0.0510	0.8160		880.09	
					594+50.00	878.41	16.00	0.0510	0.8160		879.23	
					594+75.00	877.60	16.00	0.0510	0.8160		878.41	
					595+00.00	876.83	16.00	0.0510	0.8160		877.64	
					595+25.00	876.10	16.00	0.0510	0.8160		876.92	
					595+50.00	875.43	16.00	0.0510	0.8160		876.24	
					595+65.85	875.02	16.00	0.0510	0.8160		875.84	F.S.
					595+75.00	874.80	16.00	0.0481	0.7696	200:1	875.56	
					595+77.05	874.75	16.00	0.0475	0.7600		875.51	P.C.C.

SUPERELEVATION TABLE

P.I. STA. 599+69.13	Dc = 1°24'00"	e_{max} = 0.044

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
					595+77.05	874.75	16.00	0.0475	0.7600	200:1	875.51	P.C.C.
					595+88.25	874.48	16.00	0.0440	0.7040	200:1	875.18	F.S.
					596+00.00	874.21	16.00	0.0440	0.7040		874.91	
					596+25.00	873.67	16.00	0.0440	0.7040		874.37	
					596+50.00	873.18	16.00	0.0440	0.7040		873.88	
					596+75.00	872.73	16.00	0.0440	0.7040		873.43	
					597+00.00	872.33	16.00	0.0440	0.7040		873.03	
					597+25.00	871.97	16.00	0.0440	0.7040		872.68	
					597+50.00	871.66	16.00	0.0440	0.7040		872.37	
					597+75.00	871.40	16.00	0.0440	0.7040		872.10	
					598+00.00	871.18	16.00	0.0440	0.7040		871.88	
					598+25.00	871.01	16.00	0.0440	0.7040		871.71	
					598+50.00	870.88	16.00	0.0440	0.7040		871.58	
					598+75.00	870.80	16.00	0.0440	0.7040		871.50	
					599+00.00	870.76	16.00	0.0440	0.7040		871.46	
					599+25.00	870.72	16.00	0.0440	0.7040		871.42	
					599+50.00	870.68	16.00	0.0440	0.7040		871.38	
					599+75.00	870.64	16.00	0.0440	0.7040		871.34	
					600+00.00	870.60	16.00	0.0440	0.7040		871.30	
					600+25.00	870.56	16.00	0.0440	0.7040		871.26	
					600+50.00	870.52	16.00	0.0440	0.7040		871.22	
					600+75.00	870.48	16.00	0.0440	0.7040		871.18	
					601+00.00	870.44	16.00	0.0440	0.7040		871.14	
					601+25.00	870.38	16.00	0.0440	0.7040		871.08	
					601+50.00	870.32	16.00	0.0440	0.7040		871.02	
					601+75.00	870.26	16.00	0.0440	0.7040		870.96	
					602+00.00	870.20	15.23	0.0440	0.6702		870.87	
					602+25.00	870.14	14.31	0.0440	0.6297		870.77	
					602+50.00	870.08	13.55	0.0440	0.5961		870.67	
					602+75.00	870.02	12.93	0.0440	0.5691		870.59	
					603+00.00	869.96	12.48	0.0440	0.5489		870.51	
					603+07.76	869.95	12.36	0.0440	0.5441		870.49	F.S.
					603+25.00	869.92	12.17	0.0394	0.4795	233:1	870.40	
					603+50.00	869.88	12.02	0.0326	0.3918		870.27	
					603+62.33	869.86	12.00	0.0293	0.3516		870.22	P.T.

Preliminary Plans - For Reference Only

SUPERELEVATION TABLE
RAMP B

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER
KRF

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.177 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:15:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GE102.dgn

SUPERELEVATION TABLE

P.I. STA. 676+82.45	Dc = 1°24'00"	e_{max} = 0.044

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
890.83		0.3516	0.0293	12.00	672+54.61	890.48	16.00					P.C.
890.78	233:1	0.4194	0.0348	12.05	672+75.00	890.36	16.00					
890.73		0.5085	0.0415	12.25	673+00.00	890.22	16.00					
890.71		0.5441	0.0440	12.36	673+09.18	890.17	16.00					F.S.
890.64		0.5547	0.0440	12.61	673+25.00	890.08	16.00					
890.52		0.5771	0.0440	13.12	673+50.00	889.94	16.00					
890.40		0.6062	0.0440	13.78	673+75.00	889.79	16.00					
890.28		0.6420	0.0440	14.59	674+00.00	889.64	16.00					
890.17		0.6846	0.0440	15.56	674+25.00	889.48	16.00					
890.03		0.7040	0.0440	16.00	674+50.00	889.33	16.00					
889.86		0.7040	0.0440	16.00	674+75.00	889.15	16.00					
889.65		0.7040	0.0440	16.00	675+00.00	888.95	16.00					
889.45		0.7040	0.0440	16.00	675+25.00	888.75	16.00					
889.25		0.7040	0.0440	16.00	675+50.00	888.54	16.00					
889.03		0.7040	0.0440	16.00	675+75.00	888.32	16.00					
888.79		0.7040	0.0440	16.00	676+00.00	888.08	16.00					
888.55		0.7040	0.0440	16.00	676+25.00	887.84	16.00					
888.30		0.7040	0.0440	16.00	676+50.00	887.60	16.00					
888.05		0.7040	0.0440	16.00	676+75.00	887.34	16.00					
887.77		0.7040	0.0440	16.00	677+00.00	887.06	16.00					
887.49		0.7040	0.0440	16.00	677+25.00	886.78	16.00					
887.21		0.7040	0.0440	16.00	677+50.00	886.50	16.00					
886.93		0.7040	0.0440	16.00	677+75.00	886.23	16.00					
886.69		0.7040	0.0440	16.00	678+00.00	885.99	16.00					
886.50		0.7040	0.0440	16.00	678+25.00	885.80	16.00					
886.36		0.7040	0.0440	16.00	678+50.00	885.65	16.00					
886.26		0.7040	0.0440	16.00	678+75.00	885.55	16.00					
886.20		0.7040	0.0440	16.00	679+00.00	885.50	16.00					
886.19		0.7040	0.0440	16.00	679+25.00	885.49	16.00					
886.23		0.7040	0.0440	16.00	679+50.00	885.53	16.00					
886.32		0.7040	0.0440	16.00	679+75.00	885.61	16.00					
886.45		0.7040	0.0440	16.00	680+00.00	885.75	16.00					
886.63		0.7040	0.0440	16.00	680+25.00	885.92	16.00					
886.85		0.7040	0.0440	16.00	680+50.00	886.15	16.00					
887.12		0.7040	0.0440	16.00	680+75.00	886.42	16.00					
887.38		0.7040	0.0440	16.00	680+95.98	886.68	16.00					F.S.
887.46	200:1	0.7248	0.0453	16.00	681+00.00	886.73	16.00					
887.59		0.7600	0.0475	16.00	681+07.18	886.83	16.00					P.C.C.

SUPERELEVATION TABLE

P.I. STA. 682+32.42	Dc = 6°00'00"	e_{max} = 0.051

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
887.59	200:1	0.7600	0.0475	16.00	681+07.18	886.83						P.C.C.
887.81	200:1	0.8160	0.0510	16.00	681+18.38	886.99						F.S.
887.91		0.8160	0.0510	16.00	681+25.00	887.09						
888.32		0.8160	0.0510	16.00	681+50.00	887.50						
888.77		0.8160	0.0510	16.00	681+75.00	887.96						
889.27		0.8160	0.0510	16.00	682+00.00	888.46						
889.82		0.8160	0.0510	16.00	682+25.00	889.01						
890.41		0.8160	0.0510	16.00	682+50.00	889.59						
891.00		0.8160	0.0510	16.00	682+75.00	890.18						
891.58		0.8160	0.0510	16.00	683+00.00	890.77						
891.87		0.8160	0.0510	16.00	683+12.36	891.06						F.S.
892.09		0.7376	0.0461	16.00	683+25.00	891.36						
892.53		0.5824	0.0364	16.00	683+50.00	891.94						
892.64	161:1	0.5440	0.0340	16.00	683+56.23	892.09						P.T.
892.96		0.4272	0.0267	16.00	683+75.00	892.53						
893.39		0.2720	0.0170	16.00	684+00.00	893.12						
893.44		0.2560	0.0160	16.00	684+02.75	893.19						N.C.

Preliminary Plans - For Reference Only

SUPERELEVATION TABLE
RAMP C

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.178 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:15:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GE103.dgn

SUPERELEVATION TABLE

P.I. STA. 787+90.27	Dc = 15°00'00"	e_{max} = 0.078

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
895.46		0.0000	0.0000	18.85	784+61.18	895.46						FLAT
895.11		-0.0930	-0.0053	17.55	784+75.00	895.20						
894.40		-0.2400	-0.0150	16.00	785+00.00	894.64						
894.32		-0.2544	-0.0159	16.00	785+02.39	894.58						R.C.
893.56		-0.3952	-0.0247	16.00	785+25.00	893.96						
892.61		-0.5504	-0.0344	16.00	785+50.00	893.16						
892.09	161:1	-0.6630	-0.0390	17.00	785+61.82	892.75						P.C.
891.49		-0.7938	-0.0441	18.00	785+75.00	892.28						
890.37		-1.0222	-0.0538	19.00	786+00.00	891.39						
889.24		-1.2700	-0.0635	20.00	786+25.00	890.51						
888.45		-1.1696	-0.0731	16.00	786+50.00	889.62						
887.93		-1.2480	-0.0780	16.00	786+62.47	889.18						F.S.
887.48		-1.2480	-0.0780	16.00	786+75.00	888.73						
886.60		-1.2480	-0.0780	16.00	787+00.00	887.84						
885.71		-1.2480	-0.0780	16.00	787+25.00	886.96						
884.82		-1.2480	-0.0780	16.00	787+50.00	886.07						
883.86		-1.3260	-0.0780	17.00	787+75.00	885.18						
882.89		-1.4040	-0.0780	18.00	788+00.00	884.29						
881.93		-1.4820	-0.0780	19.00	788+25.00	883.41						
880.96		-1.5600	-0.0780	20.00	788+50.00	882.52						
880.07		-1.6380	-0.0780	21.00	788+72.95	881.71						F.S.
879.93		-1.6984	-0.0772	22.00	788+75.00	881.63						
879.19		-1.5525	-0.0675	23.00	789+00.00	880.74						
878.47		-1.3872	-0.0578	24.00	789+25.00	879.86						
877.77		-1.2025	-0.0481	25.00	789+50.00	878.97						
877.12	161:1	-1.0140	-0.0390	26.00	789+73.59	878.14						P.T.
877.05		-1.0395	-0.0385	27.00	789+75.00	878.09						
876.43		-0.8064	-0.0288	28.00	790+00.00	877.24						
875.87		-0.5730	-0.0191	30.00	790+25.00	876.44						
875.73		-0.4640	-0.0160	29.00	790+33.02	876.19						R.C.
874.68		-0.2914	-0.0094	31.00	790+50.00	874.97						
874.99		0.0000	0.0000	32.00	790+74.24	874.99						FLAT

SUPERELEVATION TABLE

P.I. STA. 794+15.09	Dc = 7°00'00"	e_{max} = 0.080

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
874.99		0.0000	0.0000	16.00	790+74.24	874.99						FLAT
874.98		0.0032	0.0002	16.00	790+75.00	874.97						
874.44		0.1280	0.0080	16.00	791+00.00	874.31						
873.94		0.2544	0.0159	16.00	791+25.00	873.69						
873.93		0.2560	0.0160	16.00	791+25.44	873.68						N.C.
873.49		0.3792	0.0237	16.00	791+50.00	873.11						
873.09		0.5040	0.0315	16.00	791+75.00	872.59						
872.73		0.6288	0.0393	16.00	792+00.00	872.10						
872.44		0.7440	0.0465	16.00	792+23.19	871.70						P.C.
872.42		0.7536	0.0471	16.00	792+25.00	871.67						
872.15		0.8784	0.0549	16.00	792+50.00	871.27						
871.93		1.0032	0.0627	16.00	792+75.00	870.93						
871.75		1.1280	0.0705	16.00	793+00.00	870.63						
871.63		1.2544	0.0784	16.00	793+25.00	870.37						
871.60		1.2800	0.0800	16.00	793+30.24	870.32						F.S.
871.44		1.2800	0.0800	16.00	793+50.00	870.16						
871.28		1.2800	0.0800	16.00	793+75.00	870.00						
871.16		1.2800	0.0800	16.00	794+00.00	869.88						
871.08		1.2800	0.0800	16.00	794+25.00	869.80						
871.06		1.2800	0.0800	16.00	794+50.00	869.78						
871.07		1.2800	0.0800	16.00	794+75.00	869.79						
871.14		1.2800	0.0800	16.00	795+00.00	869.86						
871.24		1.2800	0.0800	16.00	795+25.00	869.96						
871.40		1.2800	0.0800	16.00	795+50.00	870.12						
871.60		1.2800	0.0800	16.00	795+75.00	870.32						
871.84		1.2800	0.0800	16.00	796+00.00	870.56						
871.84		1.2800	0.0800	16.00	796+00.19	870.56						C.S.
872.01		1.1584	0.0724	16.00	796+25.00	870.85						
872.18		1.0368	0.0648	16.00	796+50.00	871.15						
872.30		0.9152	0.0572	16.00	796+75.00	871.39						
872.37		0.7936	0.0496	16.00	797+00.00	871.58						
872.38		0.6720	0.0420	16.00	797+25.00	871.71						
872.33		0.5488	0.0343	16.00	797+50.00	871.79						
872.24		0.4272	0.0267	16.00	797+75.00	871.81						
872.08		0.3056	0.0191	16.00	798+00.00	871.78						
872.01		0.2560	0.0160	16.00	798+10.19	871.75						S.T.

Preliminary Plans - For Reference Only

SUPERELEVATION TABLE
RAMP D

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.179 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:16:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Roadway\Sheets\121424_GE104.dgn

SUPERELEVATION TABLE

P.I. STA. 904+35.27	Dc = 5°58'05"	e_{max} = 0.080

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
884.07		-0.1743	-0.0160	10.90	900+47.36	884.24	10.81	0.0160	0.1730		884.42	R.C.
884.03		-0.1779	-0.0174	10.23	900+50.00	884.21	10.16	0.0174	0.1767		884.38	
883.61		-0.2736	-0.0304	9.00	900+75.00	883.89	9.00	0.0304	0.2736		884.16	
883.33		-0.3600	-0.0400	9.00	900+93.31	883.69	9.00	0.0400	0.3600		884.05	P.C.
883.23		-0.3915	-0.0435	9.00	901+00.00	883.62	9.00	0.0435	0.3915		884.01	
882.90		-0.5085	-0.0565	9.00	901+25.00	883.41	9.00	0.0565	0.5085		883.92	
882.63		-0.6264	-0.0696	9.00	901+50.00	883.26	9.00	0.0696	0.6264		883.88	
882.45		-0.7200	-0.0800	9.00	901+69.91	883.17	9.00	0.0800	0.7200		883.89	F.S.
882.44		-0.7200	-0.0800	9.00	901+75.00	883.16	9.00	0.0800	0.7200		883.88	
882.39		-0.7200	-0.0800	9.00	902+00.00	883.11	9.00	0.0800	0.7200		883.83	
882.40		-0.7200	-0.0800	9.00	902+25.00	883.12	9.00	0.0800	0.7200		883.84	
882.46		-0.7200	-0.0800	9.00	902+50.00	883.18	9.00	0.0800	0.7200		883.90	
882.56		-0.7200	-0.0800	9.00	902+75.00	883.28	9.00	0.0800	0.7200		884.00	
882.66		-0.7200	-0.0800	9.00	903+00.00	883.38	9.00	0.0800	0.7200		884.10	
882.76		-0.7200	-0.0800	9.00	903+25.00	883.48	9.00	0.0800	0.7200		884.20	
882.86		-0.7200	-0.0800	9.00	903+50.00	883.58	9.00	0.0800	0.7200		884.30	
882.96		-0.7200	-0.0800	9.00	903+75.00	883.68	9.00	0.0800	0.7200		884.40	
883.06		-0.7200	-0.0800	9.00	904+00.00	883.78	9.00	0.0800	0.7200		884.50	
883.16		-0.7200	-0.0800	9.00	904+25.00	883.88	9.00	0.0800	0.7200		884.60	
883.26		-0.7200	-0.0800	9.00	904+50.00	883.98	9.00	0.0800	0.7200		884.70	
883.36		-0.7200	-0.0800	9.00	904+75.00	884.08	9.00	0.0800	0.7200		884.80	
883.46		-0.7200	-0.0800	9.00	905+00.00	884.18	9.00	0.0800	0.7200		884.90	
883.56		-0.7200	-0.0800	9.00	905+25.00	884.28	9.00	0.0800	0.7200		885.00	
883.66		-0.7200	-0.0800	9.00	905+50.00	884.38	9.00	0.0800	0.7200		885.10	
883.76		-0.7200	-0.0800	9.00	905+75.00	884.48	9.00	0.0800	0.7200		885.20	
883.86		-0.7200	-0.0800	9.00	906+00.00	884.58	9.00	0.0800	0.7200		885.30	
883.96		-0.7200	-0.0800	9.00	906+25.00	884.68	9.00	0.0800	0.7200		885.40	
884.06		-0.7200	-0.0800	9.00	906+50.00	884.78	9.00	0.0800	0.7200		885.50	
884.16		-0.7200	-0.0800	9.00	906+75.00	884.88	9.00	0.0800	0.7200		885.60	
884.17		-0.7200	-0.0800	9.00	906+76.73	884.89	9.00	0.0800	0.7200		885.61	F.S.
884.37		-0.6102	-0.0678	9.00	907+00.00	884.98	9.00	0.0678	0.6102		885.59	
884.58		-0.4932	-0.0548	9.00	907+25.00	885.08	9.00	0.0548	0.4932		885.57	
884.80		-0.3753	-0.0417	9.00	907+50.00	885.18	9.00	0.0417	0.3753		885.55	
884.81		-0.3744	-0.0416	9.00	907+50.31	885.18	9.00	0.0416	0.3744		885.55	P.T.
885.02		-0.2583	-0.0287	9.00	907+75.00	885.28	9.00	0.0287	0.2583		885.54	
885.23		-0.1458	-0.0162	9.00	907+98.89	885.37	9.00	0.0162	0.1458		885.52	R.C.
885.24		-0.1404	-0.0156	9.00	908+00.00	885.38	9.00	0.0156	0.1404		885.52	
885.45		-0.0234	-0.0026	9.00	908+25.00	885.48	9.00	0.0026	0.0234		885.50	
885.50		0.0000	0.0000	9.00	908+29.92	885.50	9.00	0.0000	0.0000		885.50	FLAT

213:1 (LEFT EDGE OF PAVEMENT TRANSITION RATE)

213:1 (RIGHT EDGE OF PAVEMENT TRANSITION RATE)

SUPERELEVATION TABLE

P.I. STA. 912+55.43	Dc = 5°58'05"	e_{max} = 0.080

LEFT EDGE OF PAVEMENT					CENTERLINE CONTROL		RIGHT EDGE OF PAVEMENT					REMARKS
EDGE ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	TRANSITION RATE	EDGE ELEVATION	
885.50		0.0000	0.0000	9.00	908+29.92	885.50	9.00	0.0000	0.0000		885.50	FLAT
885.67		0.0945	0.0105	9.00	908+50.00	885.58	9.00	-0.0105	-0.0945		885.48	
885.76		0.1422	0.0158	9.00	908+60.17	885.62	9.00	-0.0158	-0.1422		885.48	R.C.
885.89		0.2115	0.0235	9.00	908+75.00	885.68	9.00	-0.0235	-0.2115		885.47	
886.11		0.3294	0.0366	9.00	909+00.00	885.78	9.00	-0.0366	-0.3294		885.45	
886.19		0.3744	0.0416	9.00	909+09.52	885.82	9.00	-0.0416	-0.3744		885.44	P.C.
886.33		0.4473	0.0497	9.00	909+25.00	885.88	9.00	-0.0497	-0.4473		885.43	
886.54		0.5643	0.0627	9.00	909+50.00	885.98	9.00	-0.0627	-0.5643		885.41	
886.76		0.6822	0.0758	9.00	909+75.00	886.08	9.00	-0.0758	-0.6822		885.40	
886.83		0.7200	0.0800	9.00	909+83.11	886.11	9.00	-0.0800	-0.7200		885.39	F.S.
886.90		0.7200	0.0800	9.00	910+00.00	886.18	9.00	-0.0800	-0.7200		885.46	
886.99		0.7200	0.0800	9.00	910+25.00	886.27	9.00	-0.0800	-0.7200		885.55	
887.07		0.7200	0.0800	9.00	910+50.00	886.35	9.00	-0.0800	-0.7200		885.63	
887.13		0.7200	0.0800	9.00	910+75.00	886.41	9.00	-0.0800	-0.7200		885.69	
887.17		0.7200	0.0800	9.00	911+00.00	886.45	9.00	-0.0800	-0.7200		885.73	
887.20		0.7200	0.0800	9.00	911+25.00	886.48	9.00	-0.0800	-0.7200		885.76	
887.21		0.7200	0.0800	9.00	911+50.00	886.49	9.00	-0.0800	-0.7200		885.77	
887.20		0.7200	0.0800	9.00	911+75.00	886.48	9.00	-0.0800	-0.7200		885.76	
887.18		0.7200	0.0800	9.00	912+00.00	886.46	9.00	-0.0800	-0.7200		885.74	
887.14		0.7200	0.0800	9.00	912+25.00	886.42	9.00	-0.0800	-0.7200		885.70	
887.09		0.7200	0.0800	9.00	912+50.00	886.37	9.00	-0.0800	-0.7200		885.65	
887.02		0.7200	0.0800	9.00	912+75.00	886.30	9.00	-0.0800	-0.7200		885.58	
886.93		0.7200	0.0800	9.00	913+00.00	886.21	9.00	-0.0800	-0.7200		885.49	
886.84		0.7200	0.0800	9.00	913+25.00	886.12	9.00	-0.0800	-0.7200		885.40	
886.74		0.7200	0.0800	9.00	913+50.00	886.02	9.00	-0.0800	-0.7200		885.30	
886.65		0.7200	0.0800	9.00	913+75.00	885.93	9.00	-0.0800	-0.7200		885.21	
886.56		0.7200	0.0800	9.00	914+00.00	885.84	9.00	-0.0800	-0.7200		885.12	
886.46		0.7200	0.0800	9.00	914+25.00	885.74	9.00	-0.0800	-0.7200		885.02	
886.37		0.7200	0.0800	9.00	914+50.00	885.65	9.00	-0.0800	-0.7200		884.93	
886.27		0.7200	0.0800	9.00	914+75.00	885.55	9.00	-0.0800	-0.7200		884.83	
886.19		0.7200	0.0800	9.00	914+96.95	885.47	9.00	-0.0800	-0.7200		884.75	F.S.
886.16		0.7056	0.0784	9.00	915+00.00	885.46	9.00	-0.0784	-0.7056		884.75	
885.95		0.5851	0.0654	8.95	915+25.00	885.36	8.98	-0.0654	-0.5873		884.78	
885.71		0.4441	0.0523	8.49	915+50.00	885.27	8.82	-0.0523	-0.4611		884.81	
885.50		0.3225	0.0400	8.06	915+73.54	885.18	8.66	-0.0400	-0.3465		884.83	P.T.
885.49		0.3150	0.0392	8.04	915+75.00	885.17	8.65	-0.0392	-0.3392		884.84	
885.28		0.1987	0.0262	7.58	916+00.00	885.08	8.49	-0.0262	-0.2224		884.86	
885.13		0.1156	0.0160	7.23	916+19.50	885.01	8.36	-0.0160	-0.1338		884.88	R.C
885.08		0.0934	0.0131	7.13	916+25.00	884.99	8.32	-0.0160	-0.1332		884.85	
884.89		0.0007	0.0001	6.67	916+50.00	884.89	8.16	-0.0160	-0.1306		884.76	
884.89		0.0000	0.0000	6.67	916+50.14	884.89	8.16	-0.0160	-0.1306		884.76	
884.72		-0.0808	-0.0130	6.22	916+75.00	884.80	8.00	-0.0160	-0.1279		884.67	
884.68		-0.0978	-0.0160	6.11	916+80.78	884.78	7.96	-0.0160	-0.1273		884.65	N.C.

213:1 (LEFT EDGE OF PAVEMENT TRANSITION RATE)

213:1 (RIGHT EDGE OF PAVEMENT TRANSITION RATE)

SUPERELEVATION TABLE
TR 127

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.180 TOTAL 323

WYA-23-3.47

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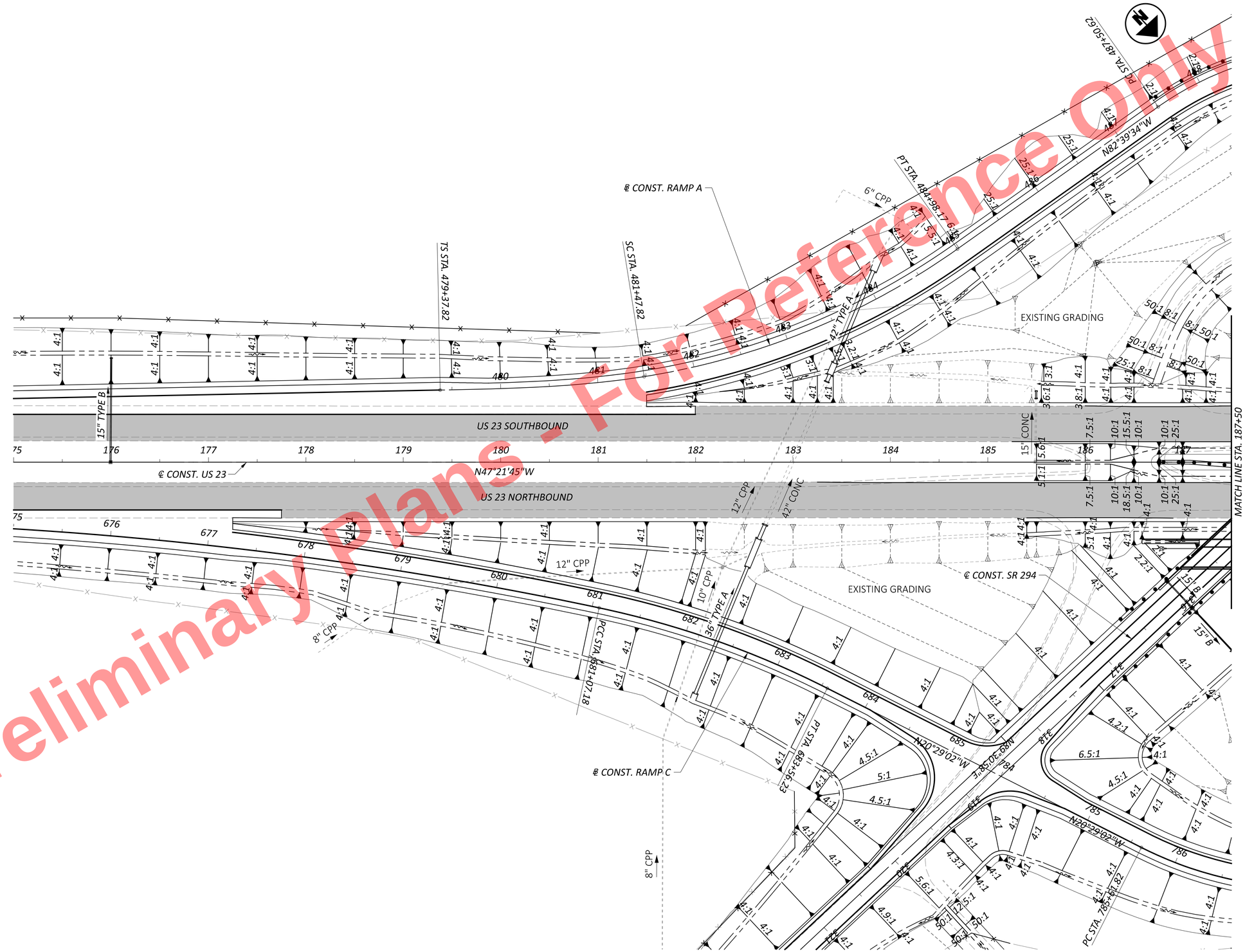
n_GE105.dgn

Preliminary Plans - For Reference Only



HORIZONTAL SCALE IN FEET
0 25 50 100

GRADING DETAILS US 23 & SR 294

DESIGN AGENCY	E.L. ROBINSON ENGINEERING 1468 West 9th St. Suite 800 Cleveland, Ohio 950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER	KRF
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET / TOTAL	P.181 / 323

WYA-23-3.47

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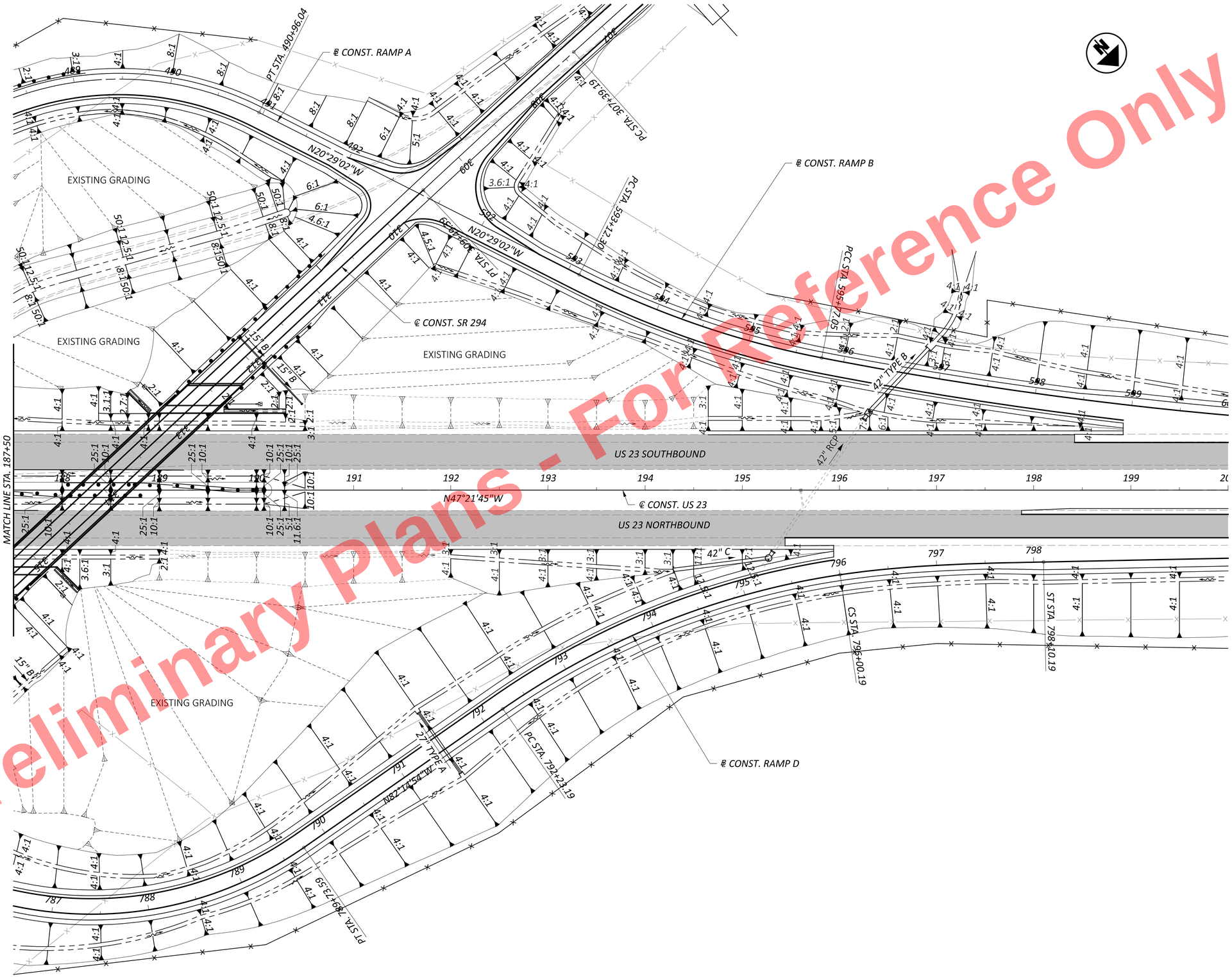

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GRADING DETAILS US 23 & SR 294

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.182 TOTAL 323

WYA-23-3.47

MODEL: 121424_XG002 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:16:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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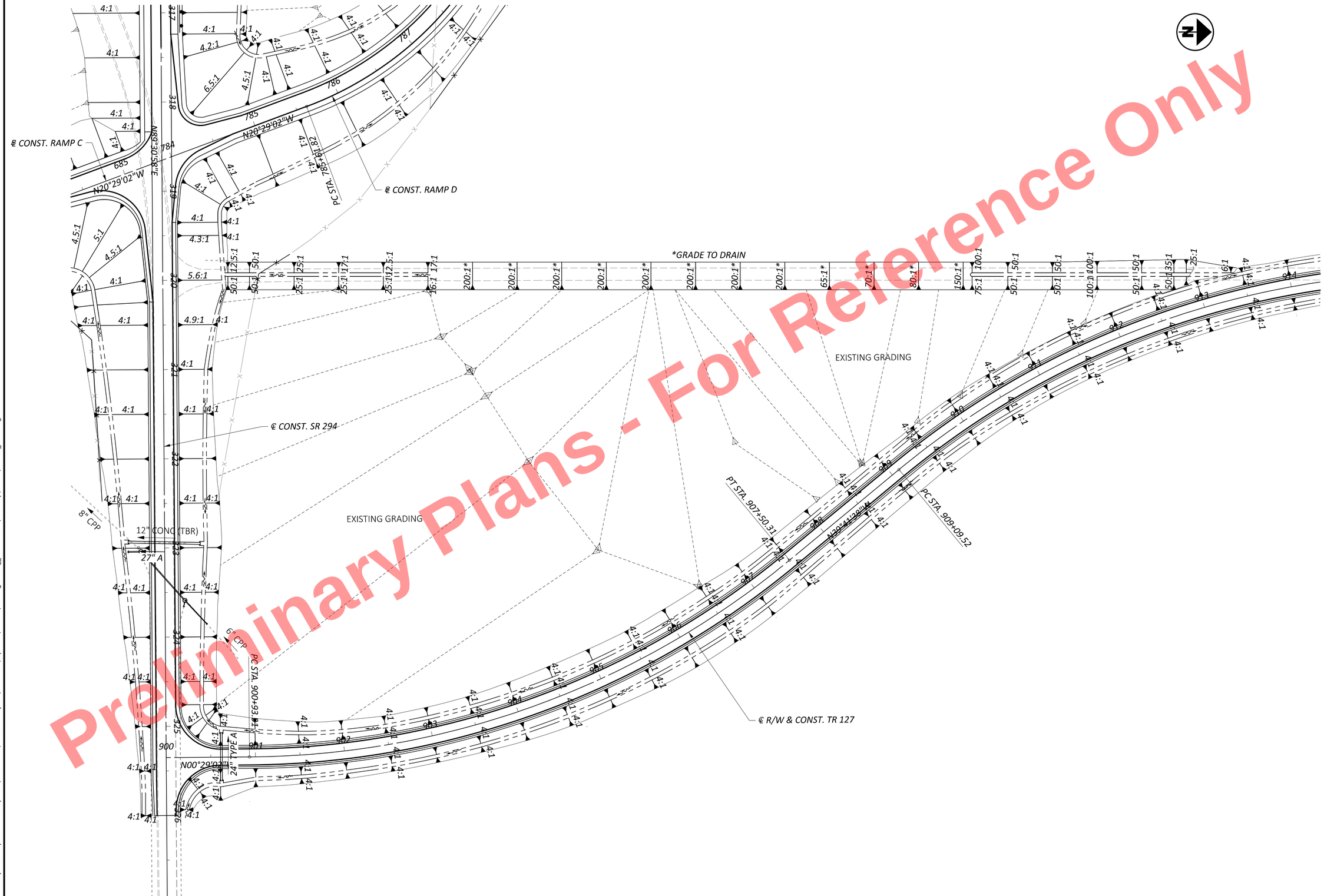

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GRADING DETAILS SR 294 & TR 127

DESIGN AGENCY
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DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.183 TOTAL 323

WVA-23-3.47

MODEL: 121424_XG003 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:16:45 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WVA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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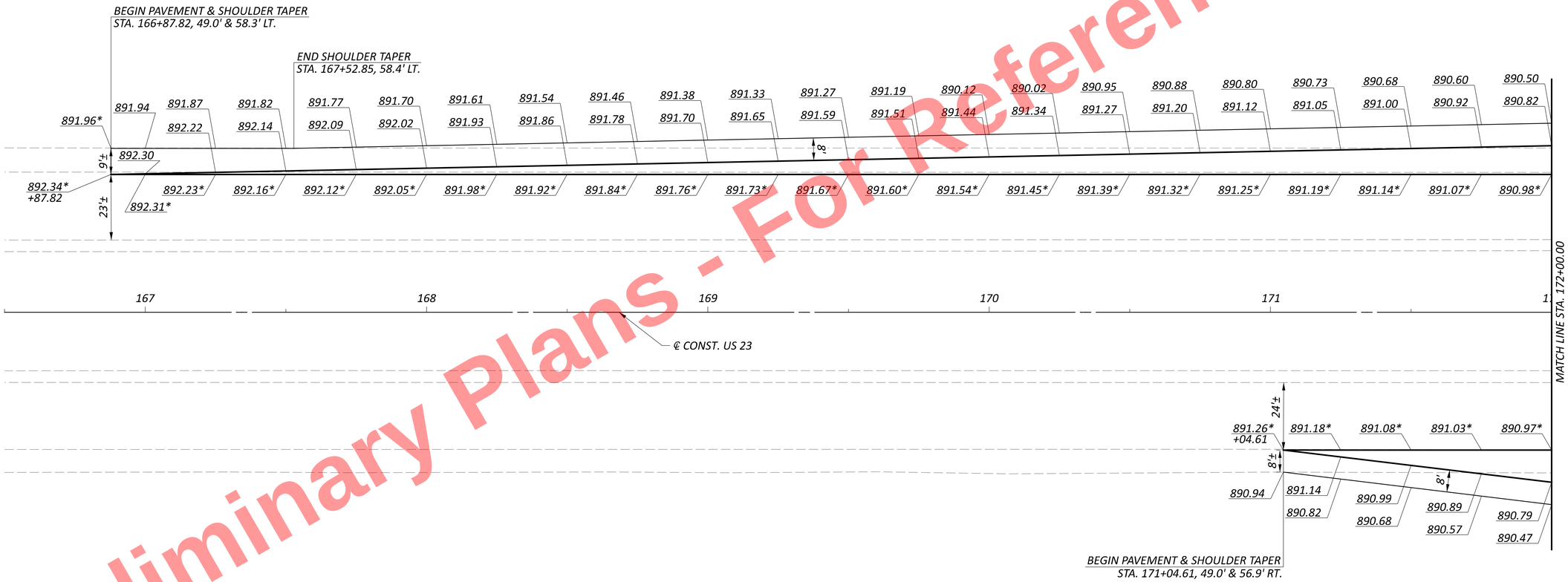
* EXISTING ELEVATION



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 166+50.00 TO STA. 172+00.00

WYA-23-3.47

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Grandview Heights, Ohio

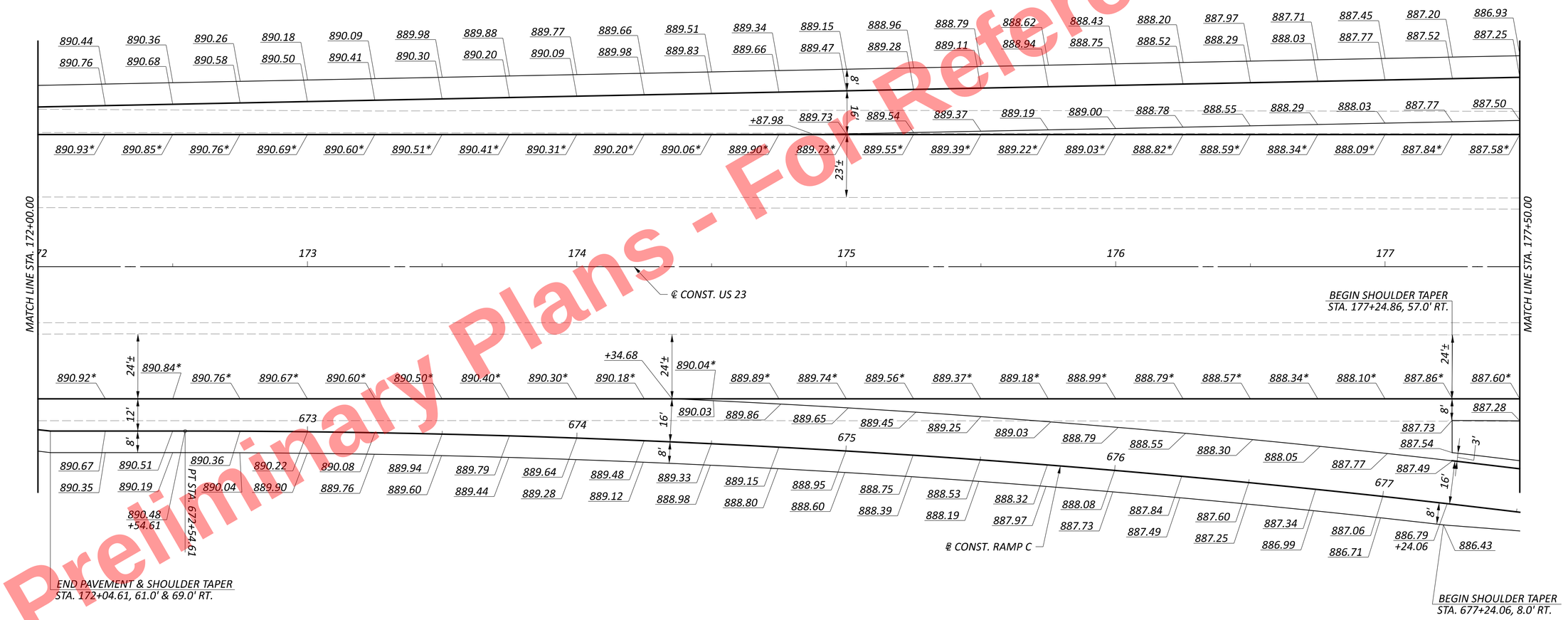
DESIGNER
CMW

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.184 | TOTAL 323

* EXISTING ELEVATION



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 172+00.00 TO STA. 177+50.00

WYA-23-3.47

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Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.185 TOTAL 323

* EXISTING ELEVATION

END PAVEMENT & SHOULDER TAPER
STA. 179+37.82, 74.0' & 82.0' LT.

TS STA. 479+37.82

STA. 179+87.62 80.0 LT.
END SHOULDER TAPER

SC STA. 481+47.82

℄ CONST. RAMP A

886.65 886.39 886.13 885.88 885.65 885.41 885.17 884.94 884.68 884.35 883.93 883.42 882.86 882.24 881.60 881.01 880.36 879.76 879.16 878.61
886.97 886.71 886.45 886.20 885.97 885.73 885.49 884.94 884.18 883.71 883.20 882.63 882.03 881.50 +47.82 880.84 880.24 879.64 879.09
480 481 482 483
8' 16' 24'± 6' 9' 16' 23'± 3' 8' 9'±
887.22 886.96 886.71 886.46 886.22 885.98 885.74 885.55 885.38 885.15 884.86 884.53 884.13 883.68 883.20 882.78 882.12 881.52 880.92
885.37 +37.82 885.24 884.59 882.90 882.36 881.76 880.37
886.56* 883.36 883.07 882.80* 880.61
887.31* 887.06* 886.81* 886.34* 886.11* 885.88* 885.64* 885.40* 885.16* 884.92* 884.64* 884.40* 884.15* 883.91* 883.67* 883.40* 883.13* +99.73 881.16
END SHOULDER TAPER
STA. 181+99.73, 57.5' LT.

BEGIN SHOULDER TAPER
STA. 181+49.73, 57.0' LT.

MATCH LINE STA. 177+50.00

178 179 180 181 182 18

END SHOULDER TAPER
STA. 177+74.86, 57.4' RT.

℄ CONST. US 23

887.36*
+74.86

887.02*

886.85 886.61 886.42 886.28 3'
886.93 886.69 886.50 886.35
886.23 678 885.99 885.80 885.65 16' 679
6' 885.96 885.72 885.53 885.39 6'

END SHOULDER TAPER
STA. 677+74.06, 6.0' RT.

℄ CONST. RAMP C

680

681

Preliminary Plans - For Reference Only

HORIZONTAL
SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 177+50.00 TO STA. 183+00.00

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

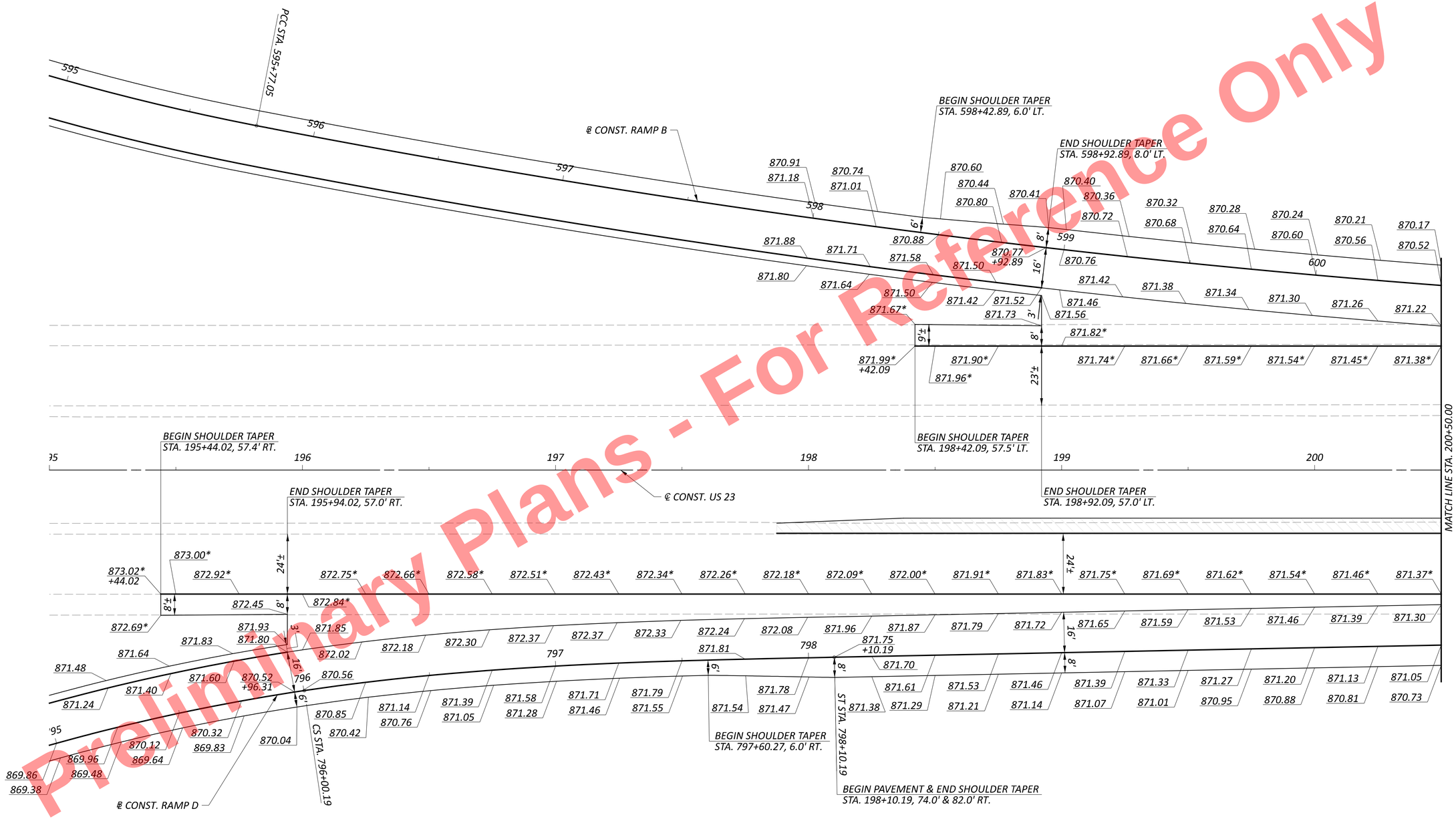
DESIGNER
CMW

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.186 TOTAL 323

* EXISTING ELEVATION



WIDENED AND RECONSTRUCTED SHOULDER FOR MOT

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 195+00.00 TO STA. 200+50.00

WYA-23-3.47

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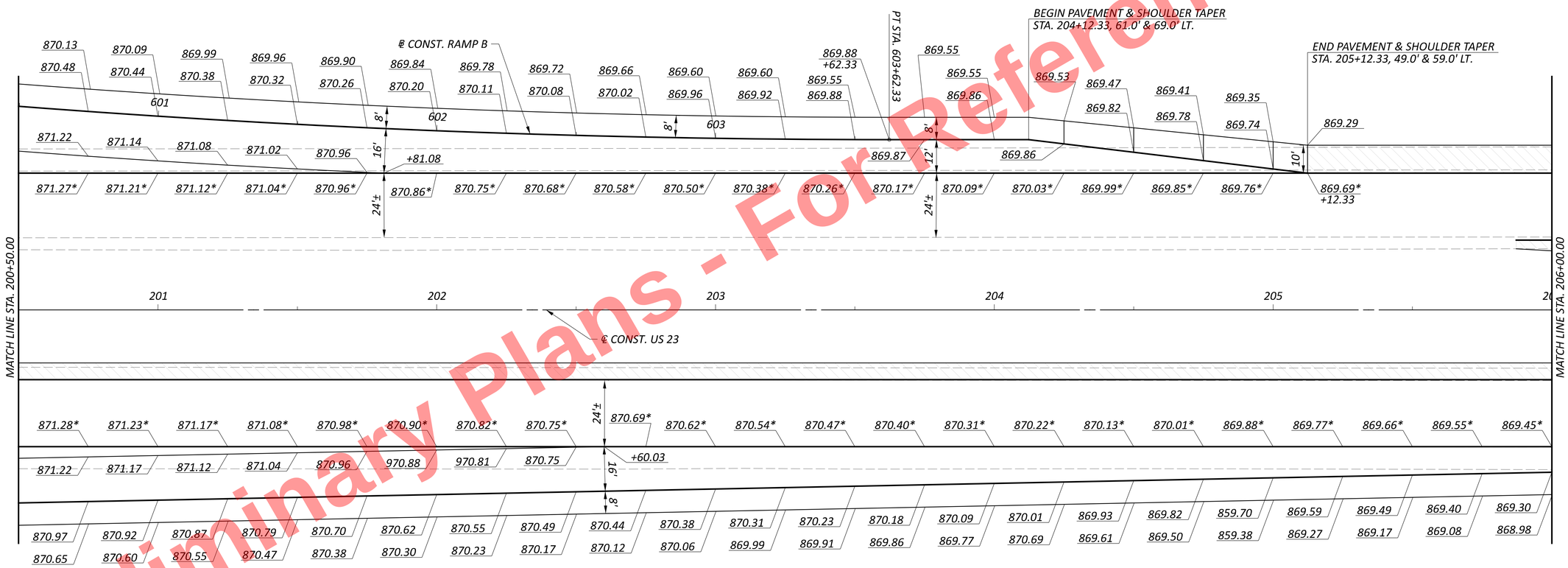
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.187 TOTAL 323

* EXISTING ELEVATION



WIDENED AND RECONSTRUCTED SHOULDER FOR MOT

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 200+50.00 TO STA. 206+00.00

Preliminary Plans - For Reference Only

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1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.188 TOTAL 323

WYA-23-3.47

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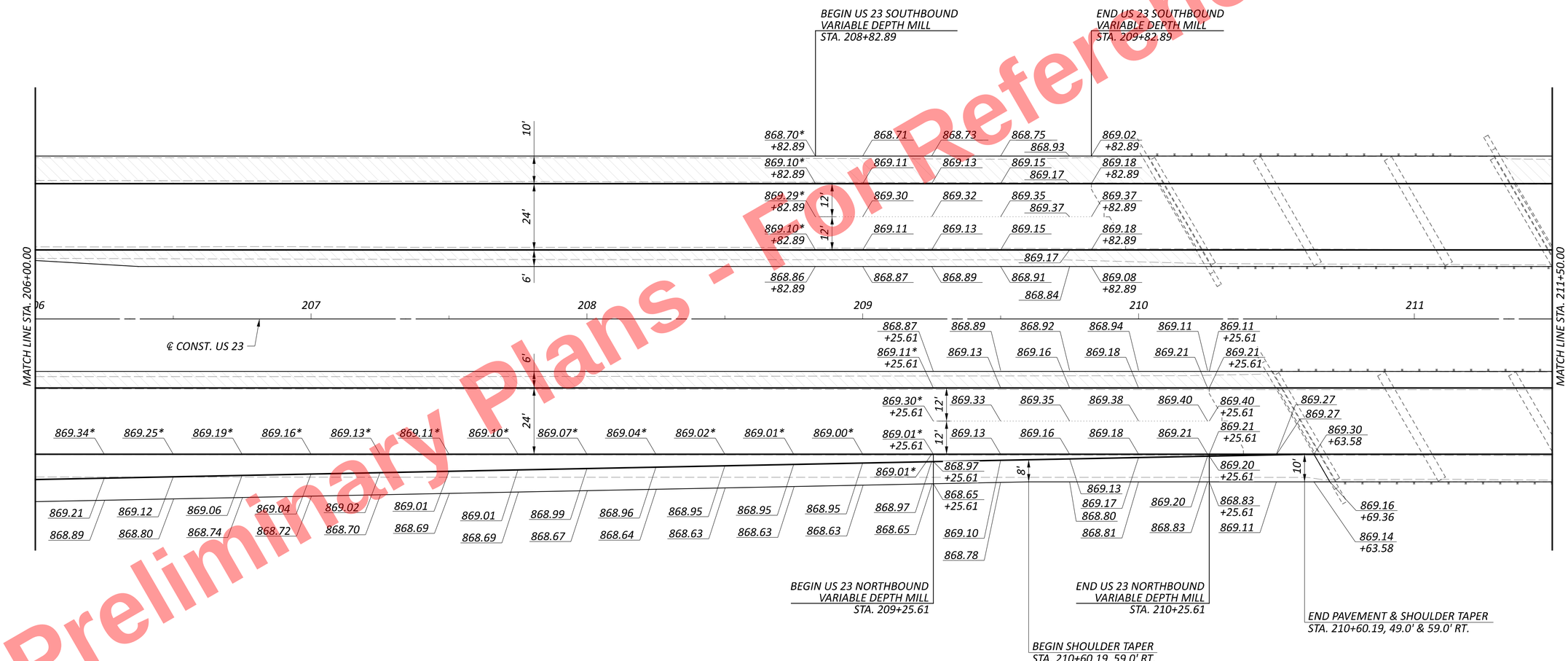
* EXISTING ELEVATION



WIDENED AND RECONSTRUCTED SHOULDER FOR MOT

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 206+00.00 TO STA. 211+50.00

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Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.189 TOTAL 323

WYA-23-3.47

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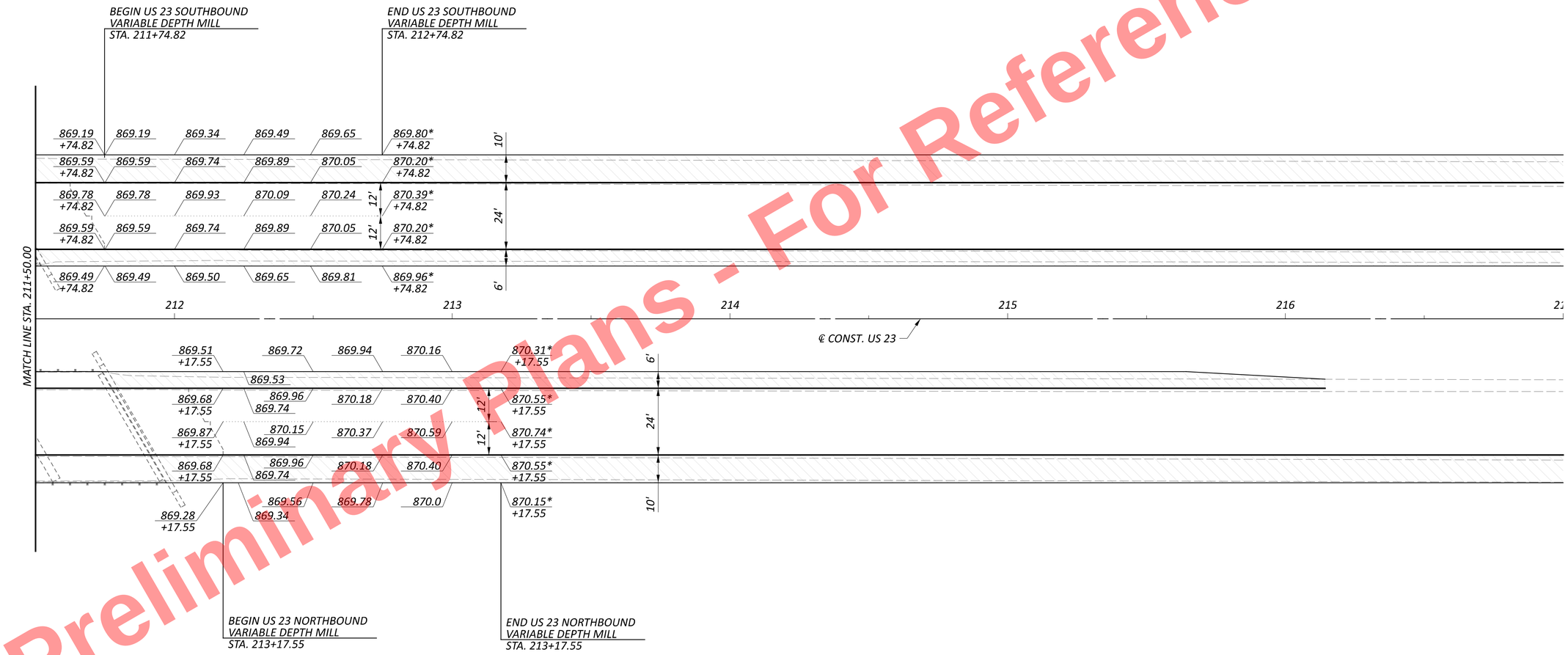

WIDENED AND RECONSTRUCTED SHOULDER FOR MOT

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERCHANGE DETAIL
STA. 211+50 TO STA. 216+50.00

Preliminary Plans - For Reference Only

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Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.190 TOTAL 323

WYA-23-3.47

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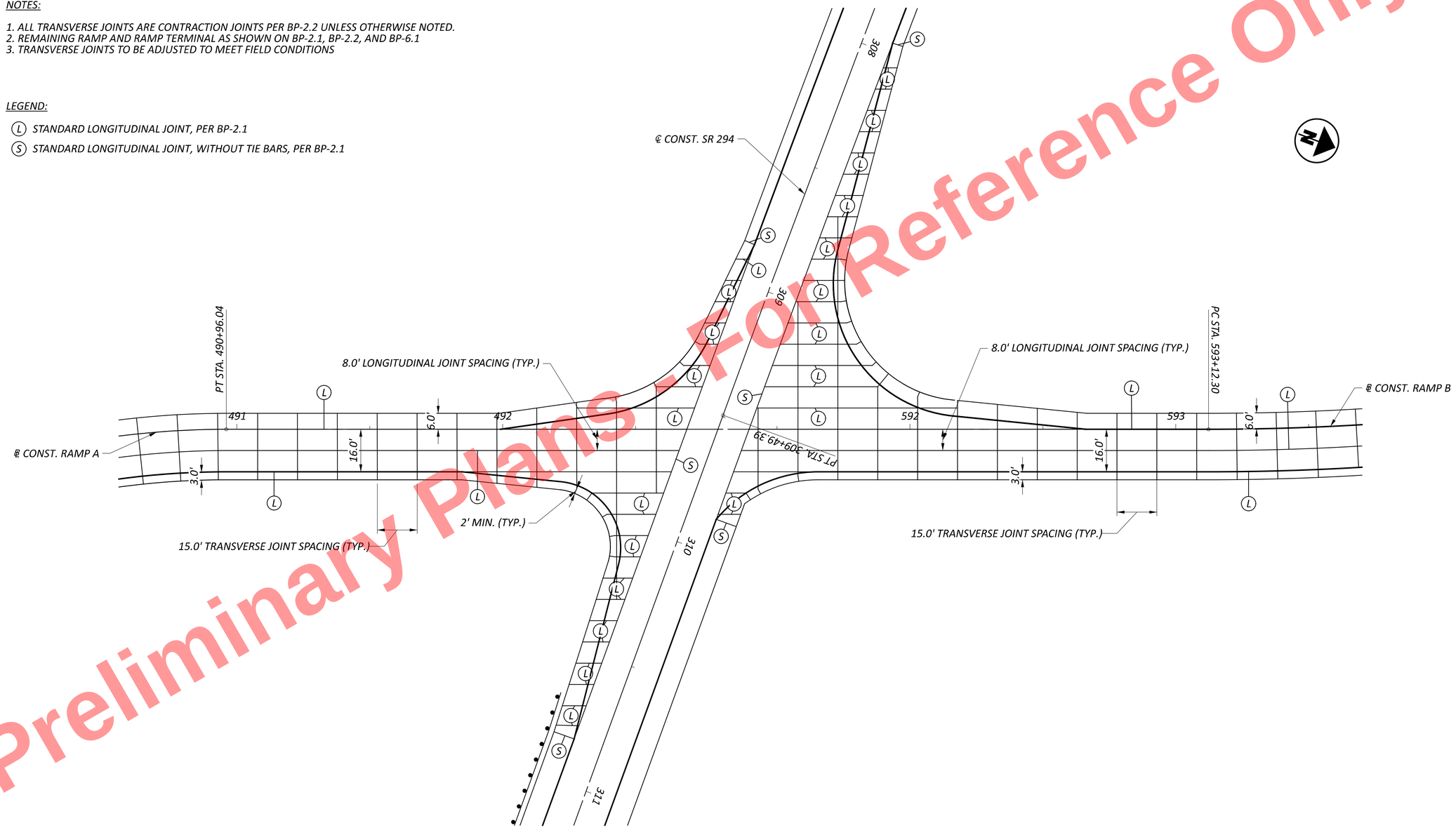
NOTES:

1. ALL TRANSVERSE JOINTS ARE CONTRACTION JOINTS PER BP-2.2 UNLESS OTHERWISE NOTED.
2. REMAINING RAMP AND RAMP TERMINAL AS SHOWN ON BP-2.1, BP-2.2, AND BP-6.1
3. TRANSVERSE JOINTS TO BE ADJUSTED TO MEET FIELD CONDITIONS

LEGEND:

(L) *STANDARD LONGITUDINAL JOINT, PER BP-2.1*

(S) *STANDARD LONGITUDINAL JOINT, WITHOUT TIE BARS, PER BP-2.1*



Preliminary Plans - Not For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

JOINT DETAIL
SR 294 & RAMP A & RAMP B

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:17:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
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1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.191 TOTAL 323

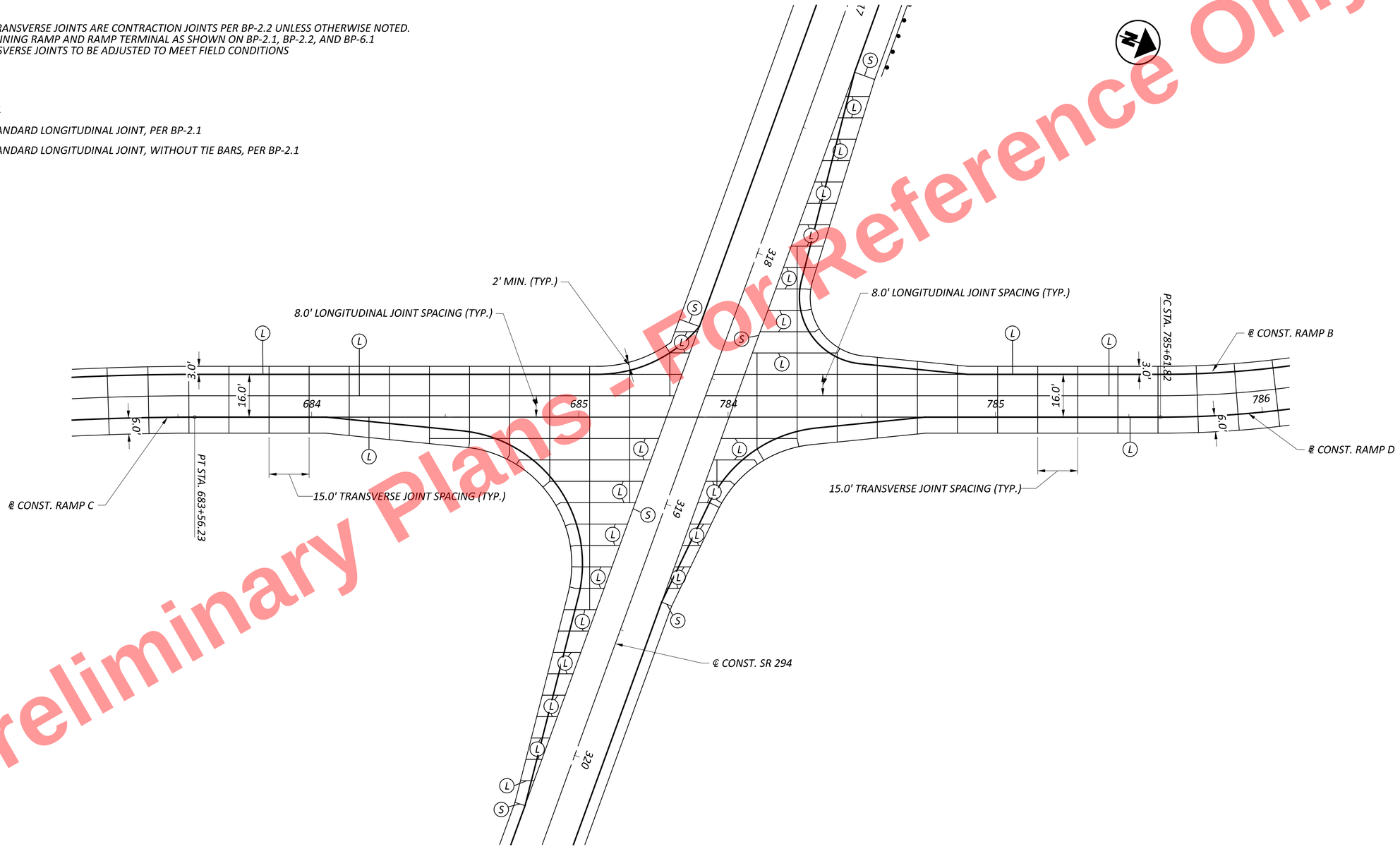
NOTES:

1. ALL TRANSVERSE JOINTS ARE CONTRACTION JOINTS PER BP-2.2 UNLESS OTHERWISE NOTED.
2. REMAINING RAMP AND RAMP TERMINAL AS SHOWN ON BP-2.1, BP-2.2, AND BP-6.1
3. TRANSVERSE JOINTS TO BE ADJUSTED TO MEET FIELD CONDITIONS

LEGEND:

(L) *STANDARD LONGITUDINAL JOINT, PER BP-2.1*

(S) *STANDARD LONGITUDINAL JOINT, WITHOUT TIE BARS, PER BP-2.1*



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

JOINT DETAILS
SR 294 & RAMP C & RAMP D

WYA-23-3.47

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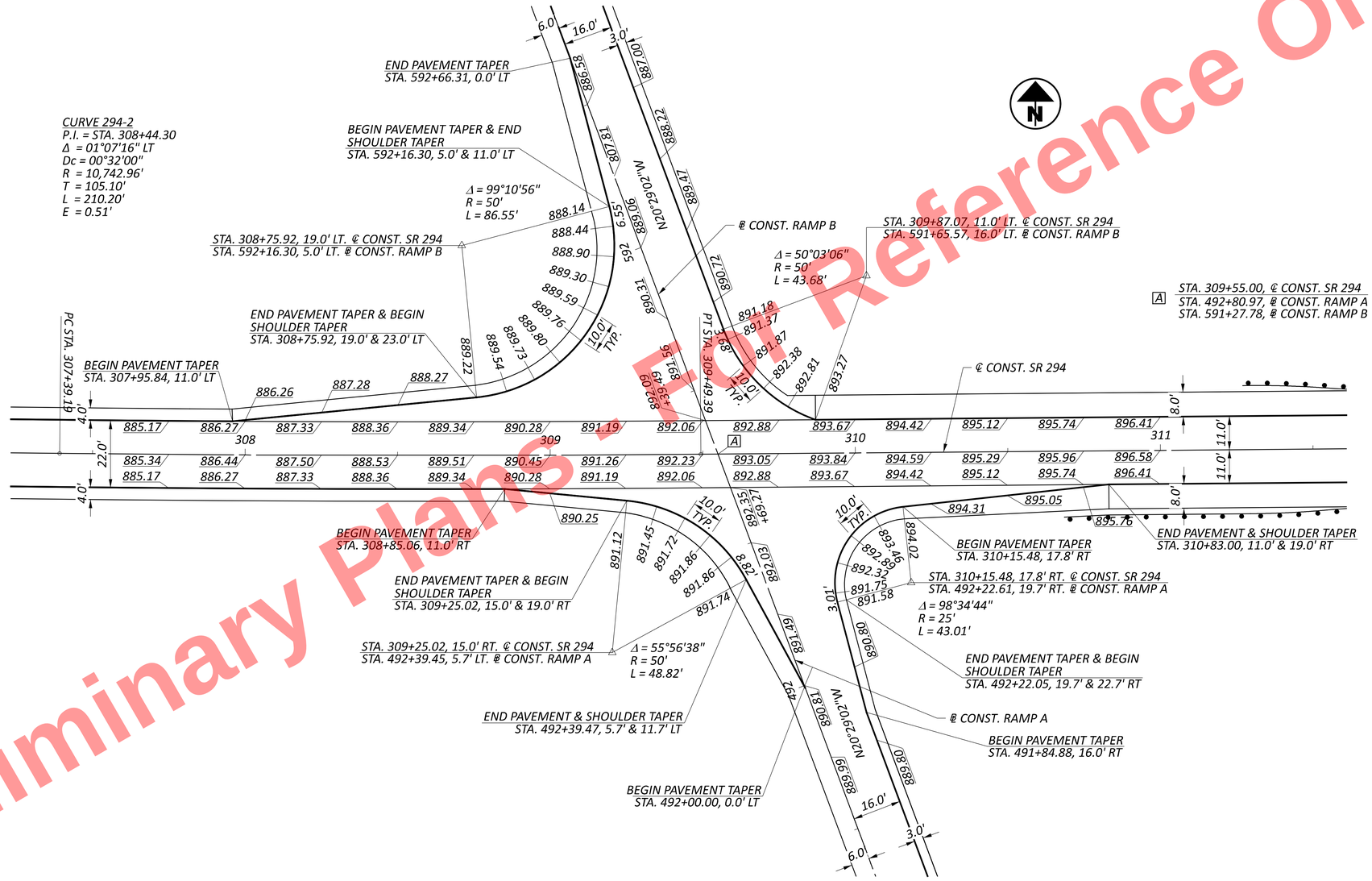
Grandview Heights, Ohio

DESIGNER CMW
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.192 TOTAL 323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAIL
SR 294 & RAMP A & RAMP B

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950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER: CMW
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.193 TOTAL: 323

WYA-23-3.47

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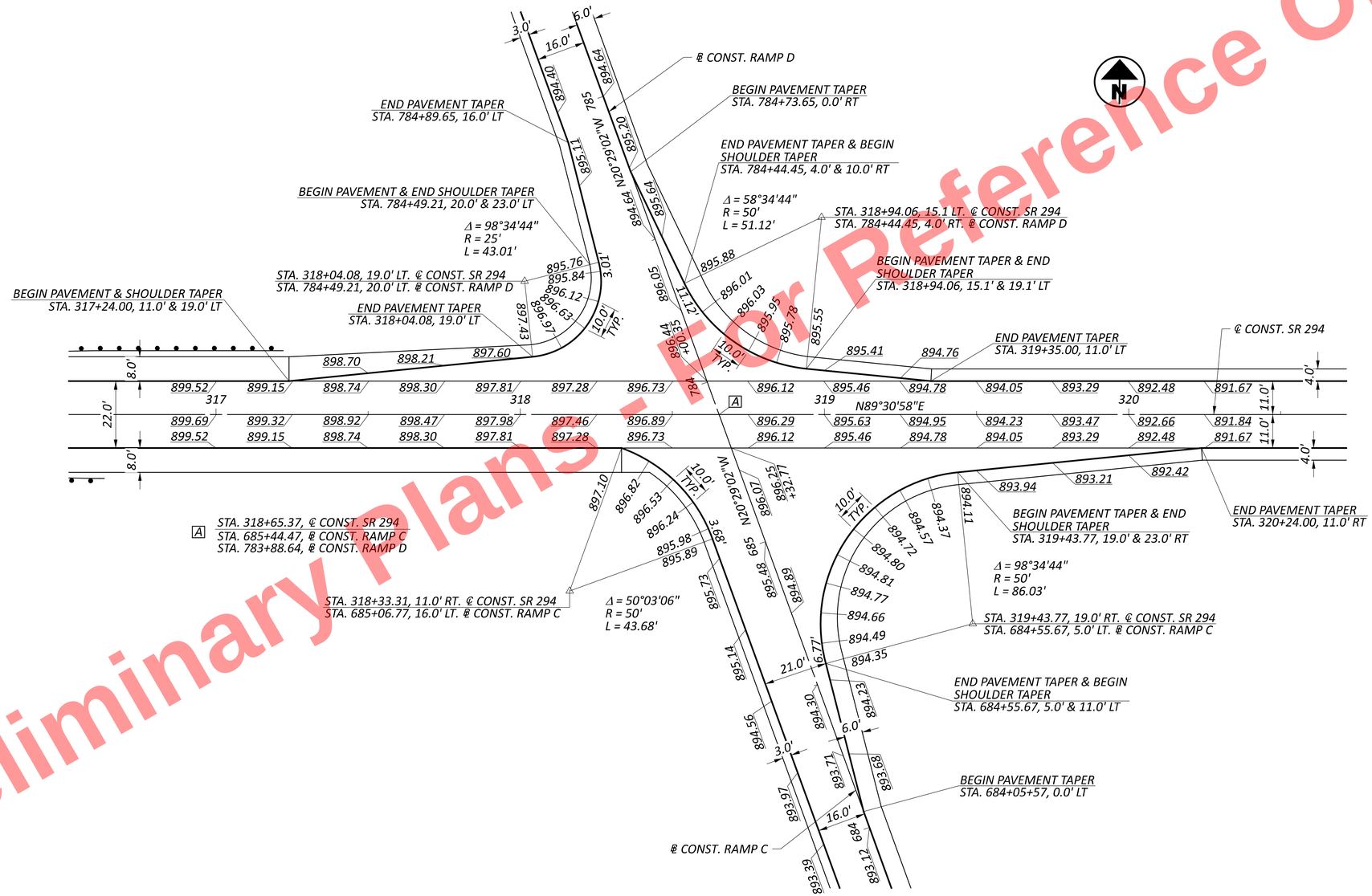
Preliminary Plans - For Reference Only



INTERSECTION DETAIL
SR 294 & RAMP C & RAMP D

WYA-23-3.47

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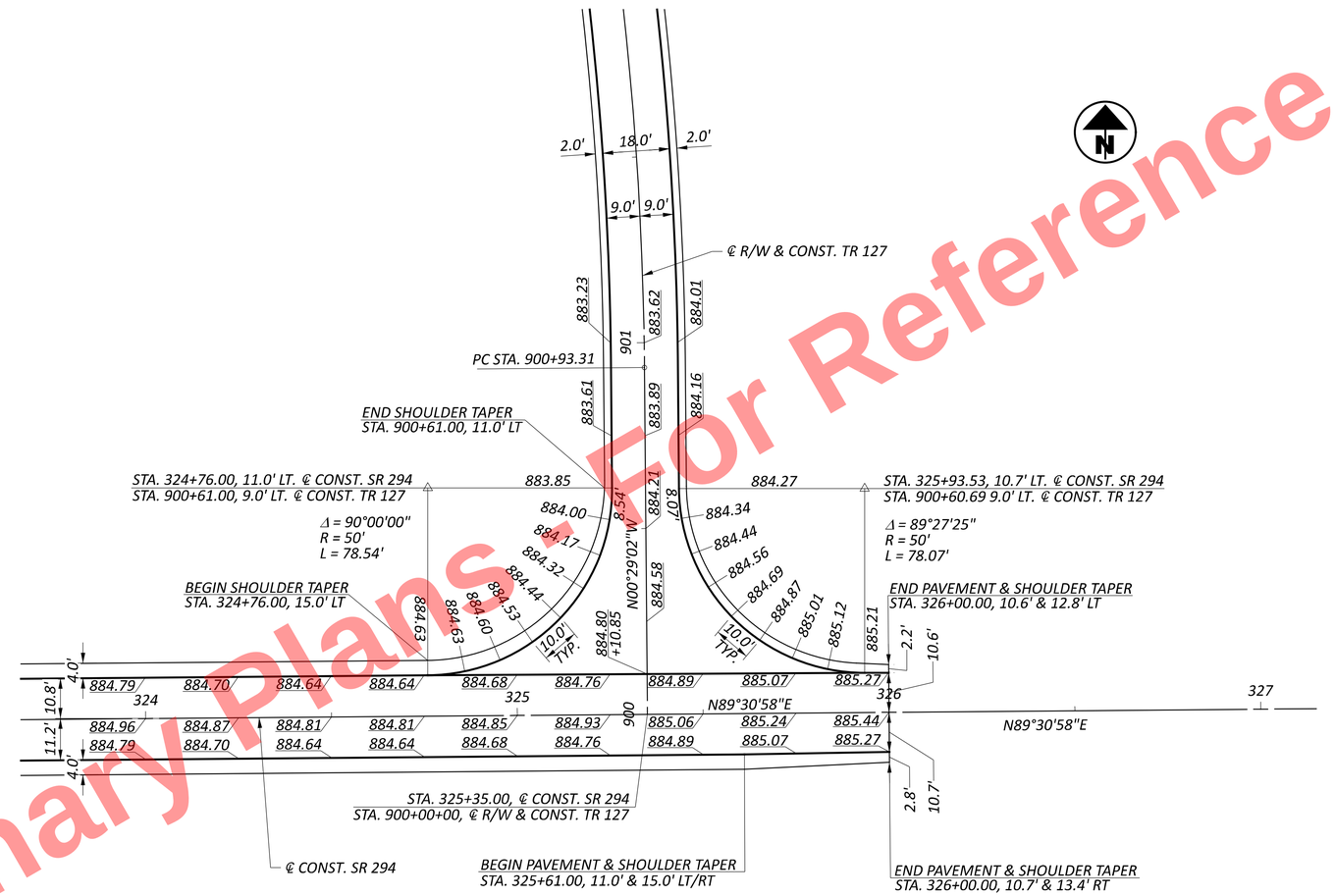
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CMW
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.194
TOTAL	323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

INTERSECTION DETAIL SR 294 & TR 127

WYA-23-3.47

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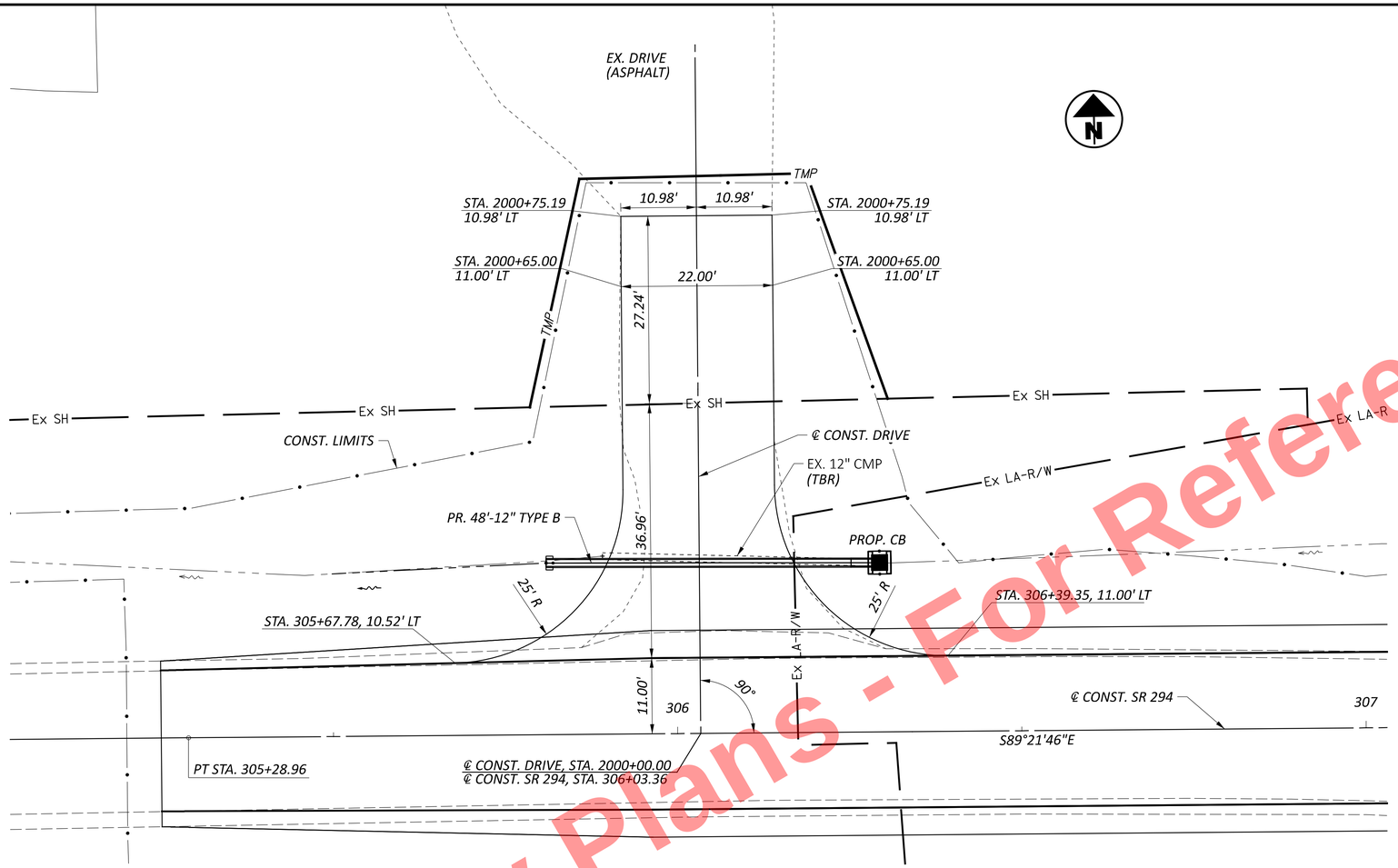
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

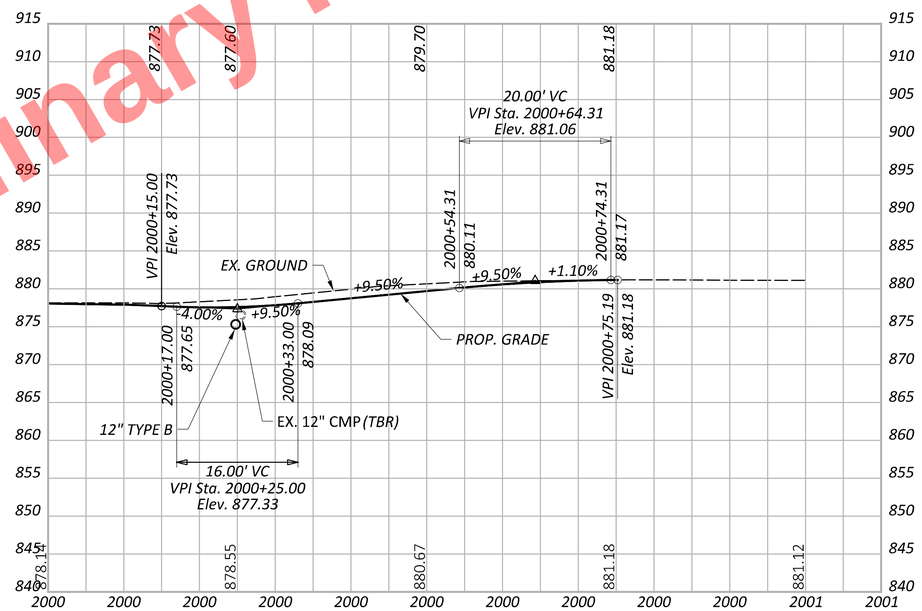
DESIGNER
CMW

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.195 TOTAL 323





RESIDENTIAL DRIVE BUILD UP - ASPHALT

441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (DRIVEWAYS)
304 - 6" AGGREGATE BASE

FOR STORM SEWER PROFILE SEE P.197

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 5 10 20

DRIVE DETAIL & PROFILE
STA. 2000+00.00 TO STA. 2000+75.19

WYA-23-3.47

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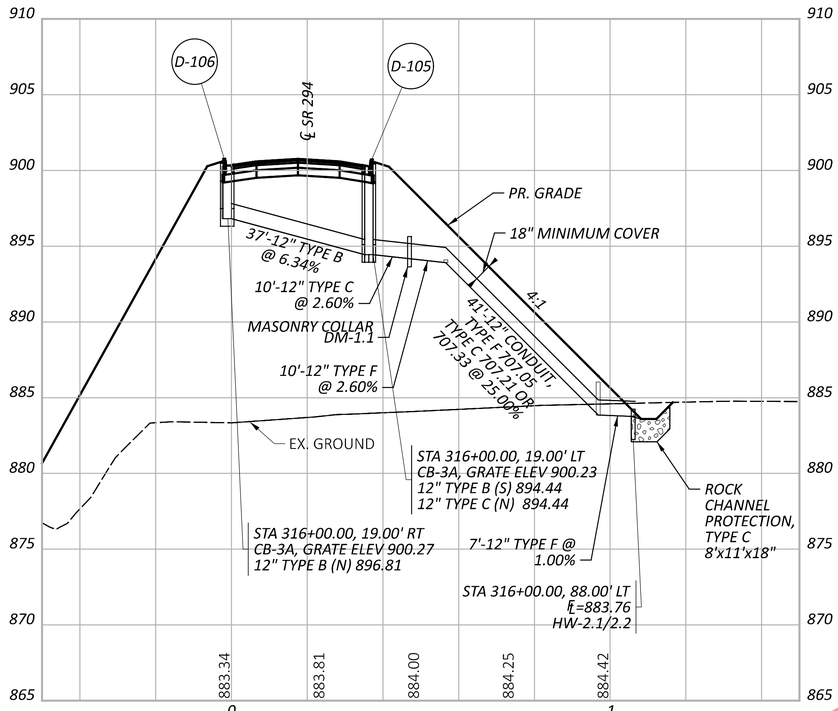
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

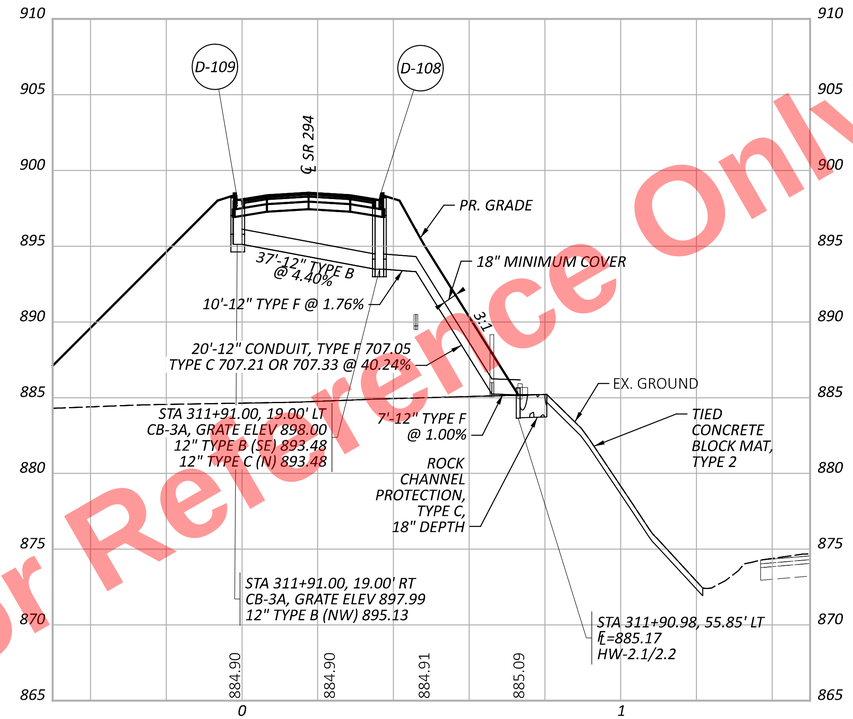
DESIGNER
CMW

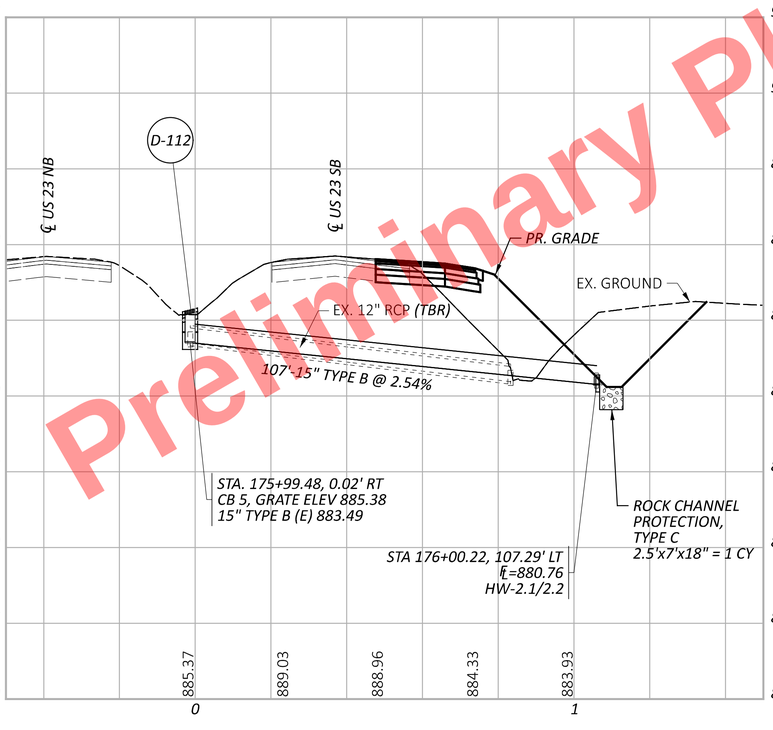
REVIEWER
ACF 02/13/26

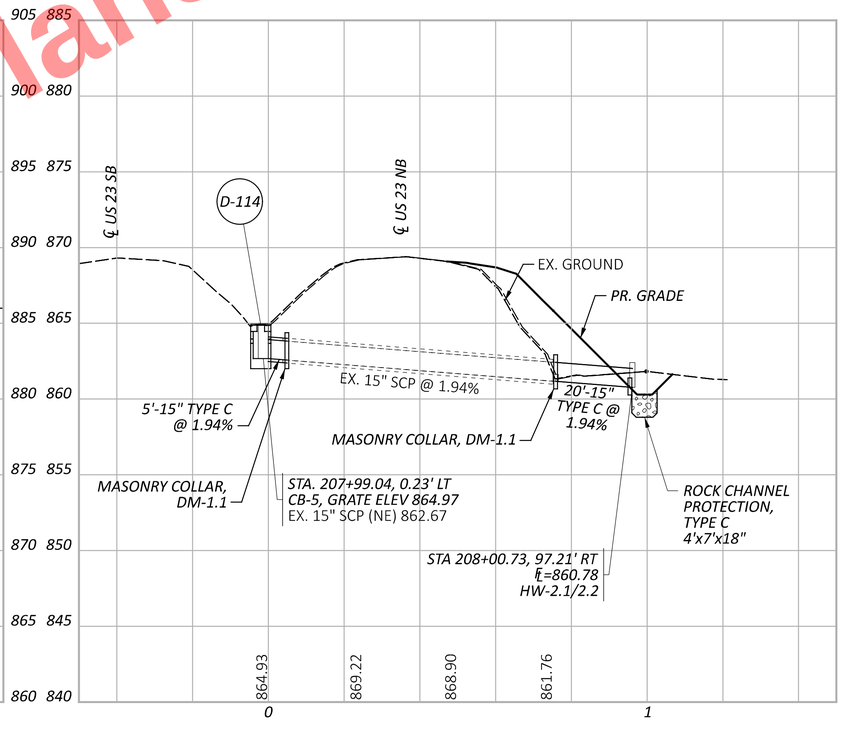
PROJECT ID
121424

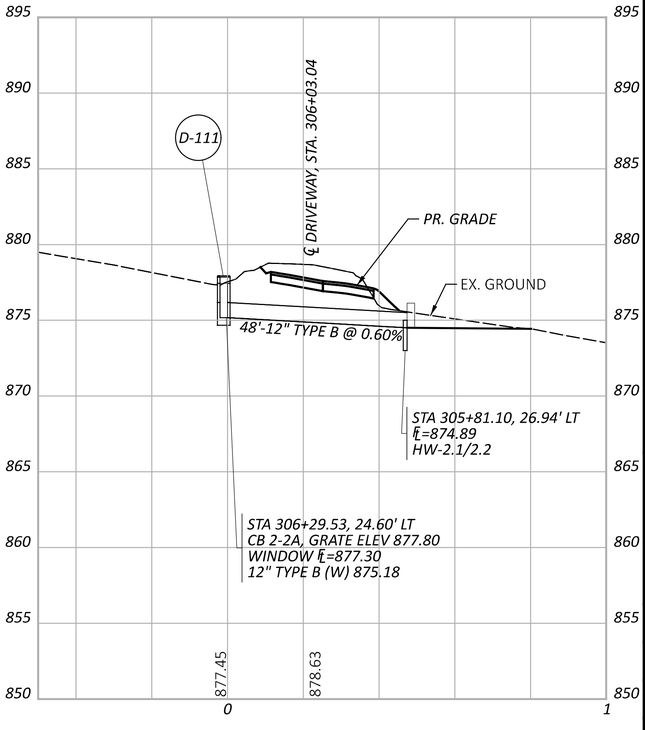
SHEET P.196 | TOTAL 323











Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

STORM SEWER PROFILES

DESIGN AGENCY
HDR

DESIGNER SNW
REVIEWER ARG 02/13/26
PROJECT ID 121424
SHEET P.197 TOTAL 323

WYA-23-3.47

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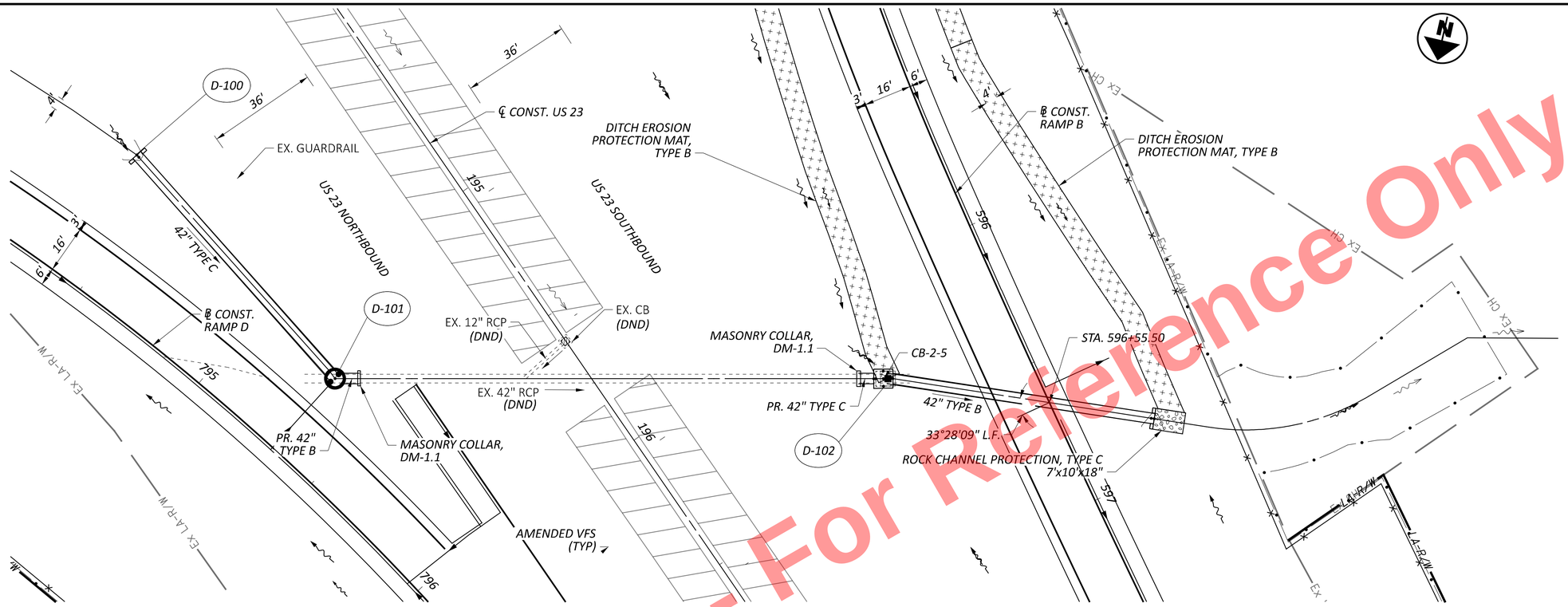
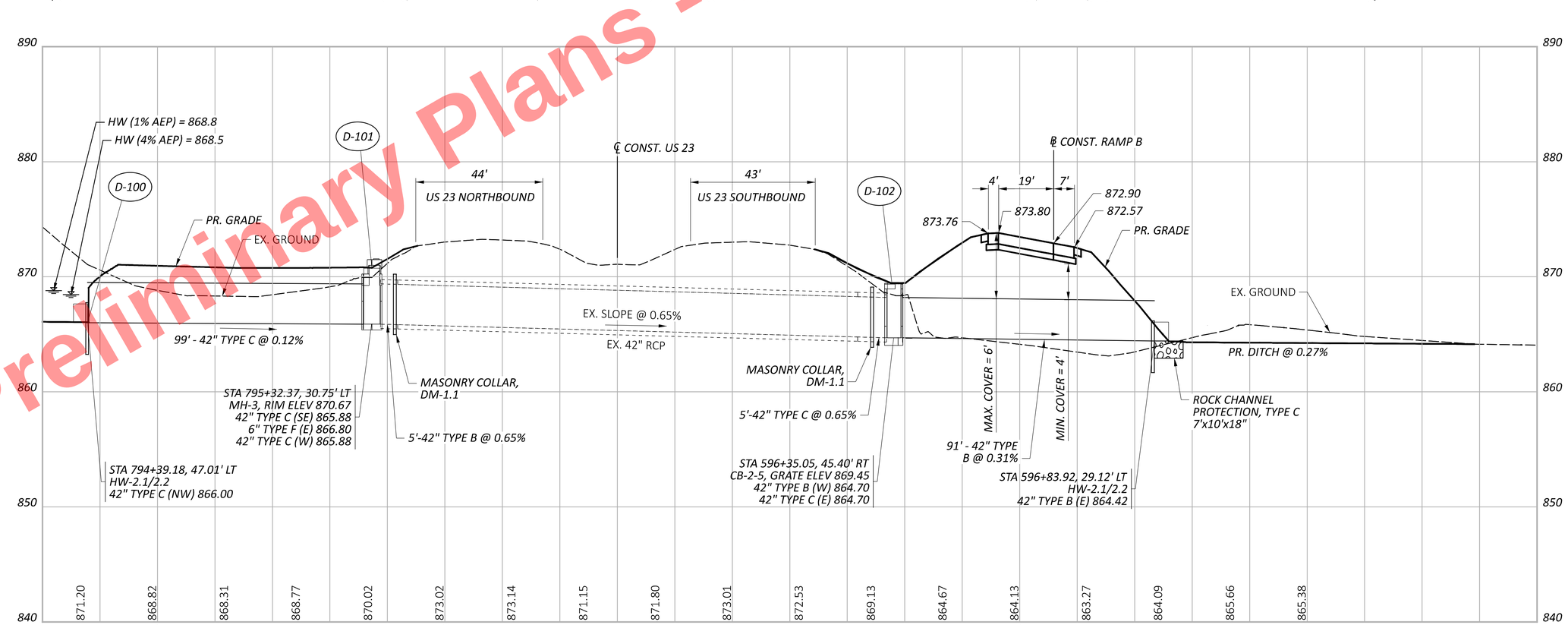

D-100
36'
EX. GUARDRAIL
℄ CONST. US 23
DITCH EROSION PROTECTION MAT, TYPE B
US 23 NORTHBOUND
US 23 SOUTHBOUND
42" TYPE C
℄ CONST. RAMP D
D-101
EX. 12" RCP (DND)
EX. CB (DND)
EX. 42" RCP (DND)
MASONRY COLLAR, DM-1.1
CB-2-5
STA. 596+55.50
PR. 42" TYPE C
42" TYPE B
33°28'09" L.F.
D-102
ROCK CHANNEL PROTECTION, TYPE C 7'x10'x18"
PR. 42" TYPE B
AMENDED VFS (TYP)
EX. L.A.-R/W
℄ CONST. RAMP B
EX. CH
795
796
596
597
195
196



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 10 20 40

STORM SEWER PROFILE
RAMP B STA. 596+55.50

DESIGN AGENCY

DESIGNER ARG
REVIEWER KAG 02/13/26
PROJECT ID 121424
SHEET P.198 TOTAL 323

WYA-23-3.47

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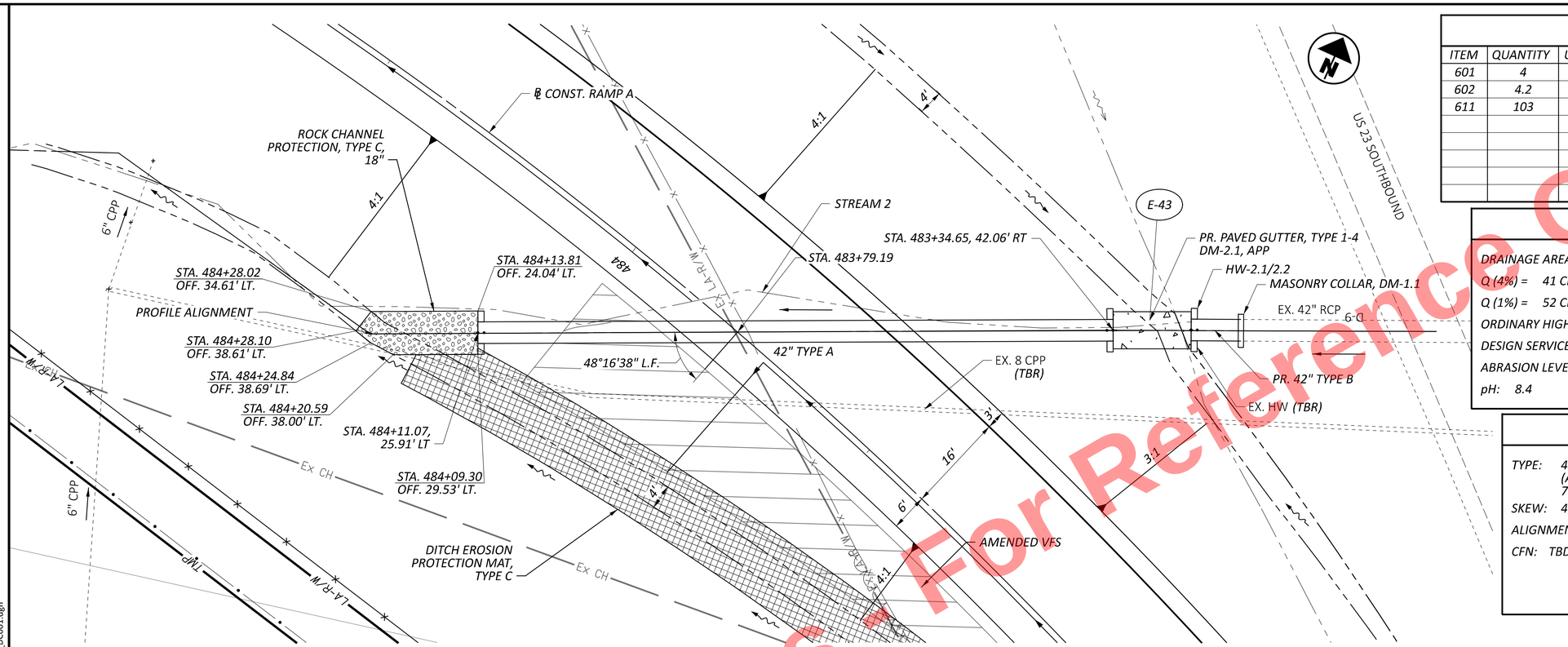

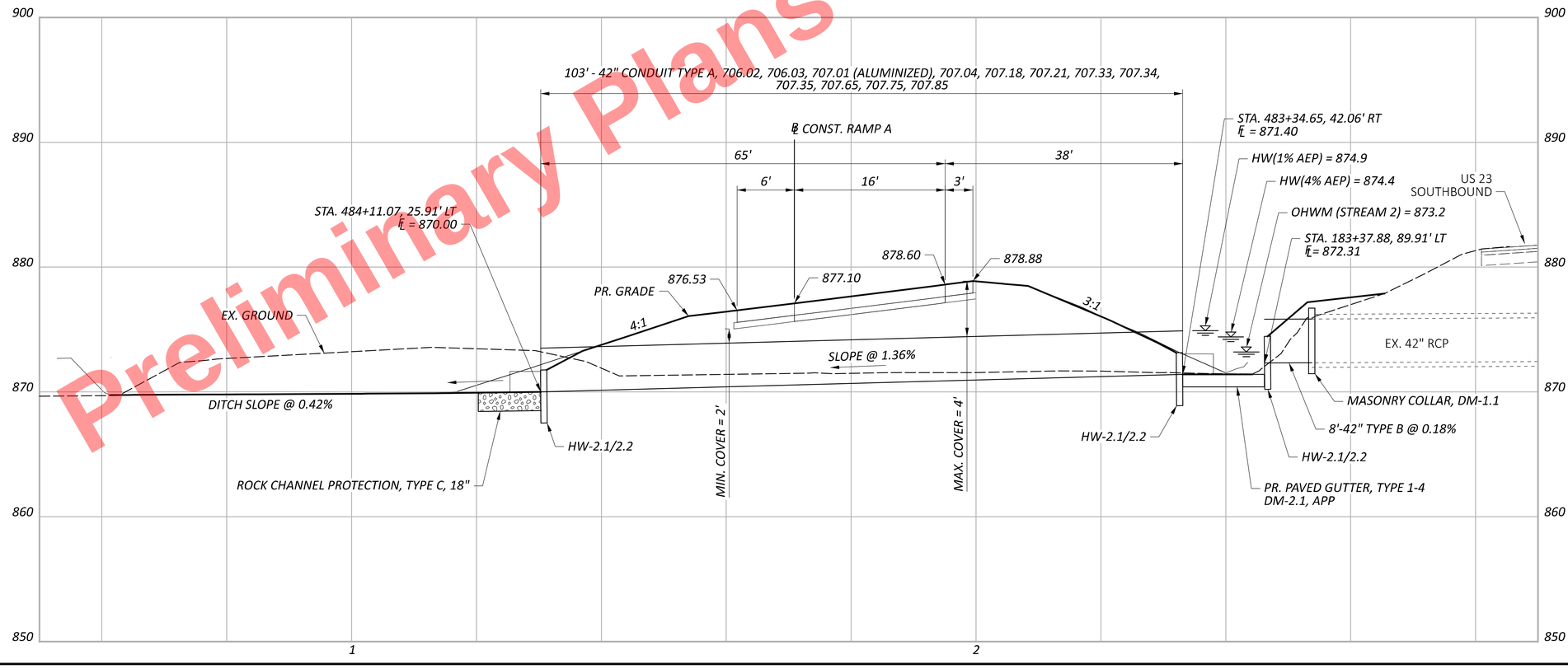

Preliminary Plans
For Reference Only

ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
601	4	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
602	4.2	CY	CONCRETE MASONRY
611	103	FT	42" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 72 ACRES

Q (4%) = 41 CFS V (4%) = 7.3 FT/S HW (4%) = 874.4 FT

Q (1%) = 52 CFS V (1%) = 7.9 FT/S HW (1%) = 874.9 FT

ORDINARY HIGH WATER MARK (STREAM 2): 873.2 FT

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 1

pH: 8.4

PROPOSED STRUCTURE

TYPE: 42" CONDUIT TYPE A, 706.02, 706.03, 707.01 (ALUMINIZED), 707.04, 707.18, 707.21, 707.33, 707.34, 707.35, 707.65, 707.75, 707.85

SKEW: 48°16'38" L.F.

ALIGNMENT: TANGENT

CFN: TBD

HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL SHEET
RAMP A STA. 483+79.19

DESIGN AGENCY

DESIGNER ARG

REVIEWER KAG 02/13/26

PROJECT ID 121424

SHEET P.199 TOTAL 323

WYA-23-3.47

MODEL: CLP_5 - Plan 1 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:18:15 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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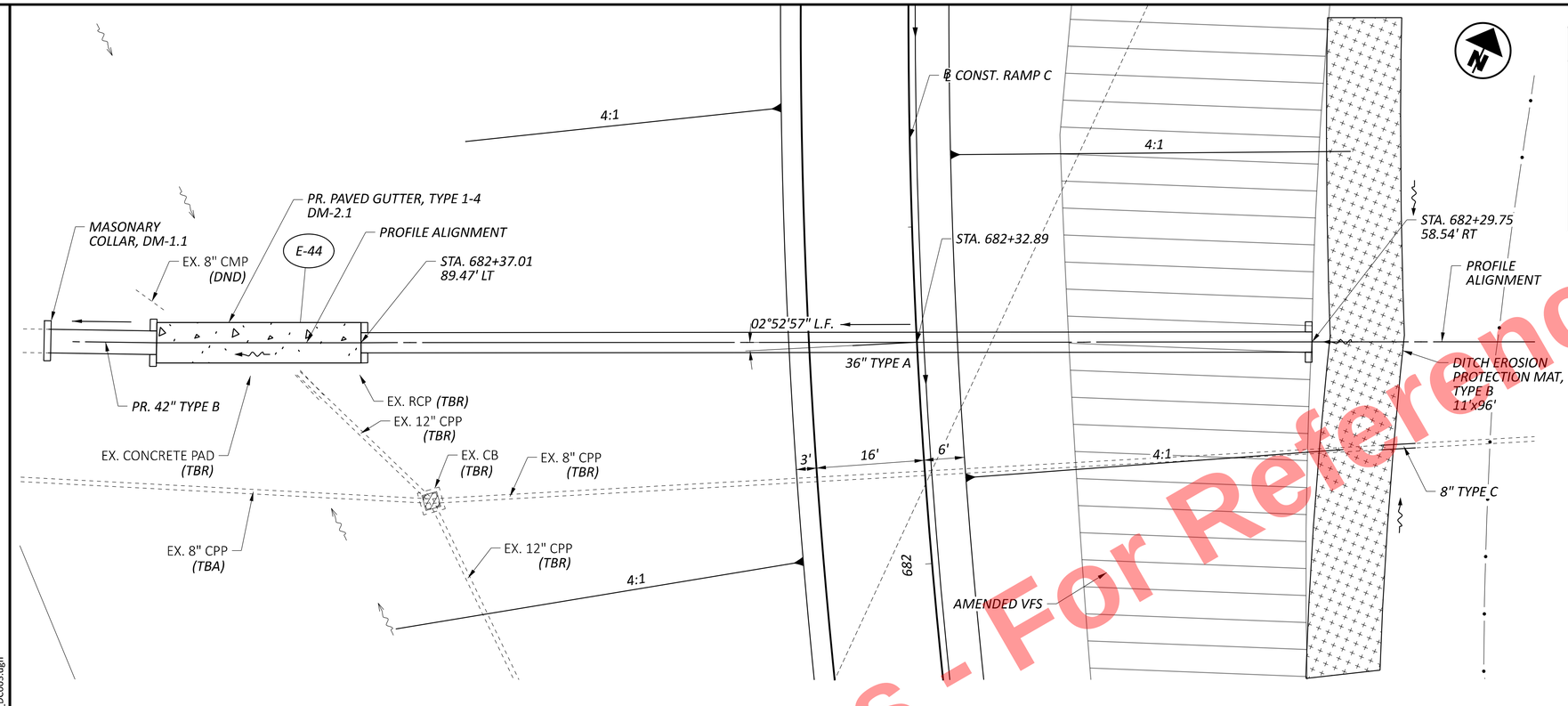

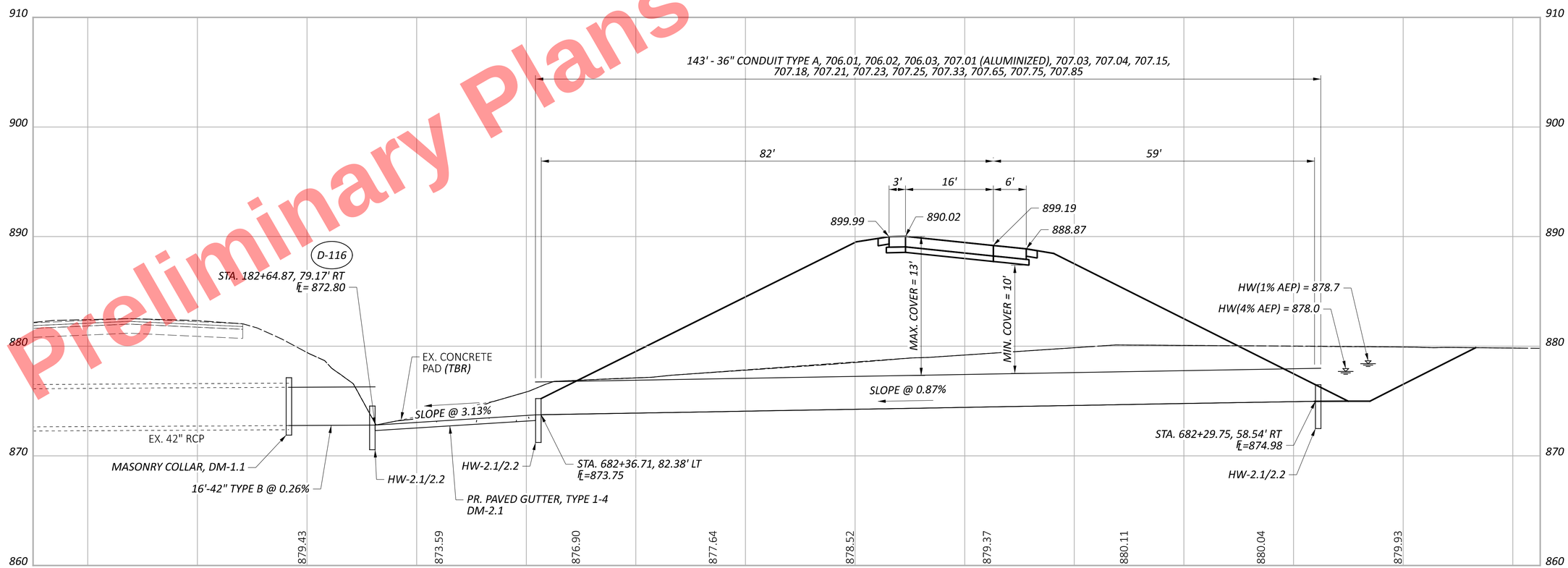

ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
602	3.9	CY	CONCRETE MASONRY
611	141	FT	36" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 63 ACRES

Q (4%) =	32 CFS	V (4%) =	7.1 FT/S	HW (4%) =	878.0 FT
Q (1%) =	41 CFS	V (1%) =	7.8 FT/S	HW (1%) =	878.7 FT

ORDINARY HIGH WATER MARK: N/A

DESIGN SERVICE LIFE: 75

ABRASION LEVEL: 2

pH: 8.4

PROPOSED STRUCTURE

TYPE: 36" CONDUIT TYPE A, 706.01, 706.02, 706.03, 707.01 (ALUMINIZED), 707.03, 707.04, 707.15, 707.18, 707.21, 707.23, 707.25, 707.33, 707.65, 707.75, 707.85

SKEW: 02°52'57" L.F.

ALIGNMENT: TANGENT

CFN: TBD

HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL SHEET
RAMP C STA. 682+32.89

DESIGN AGENCY

HDR

DESIGNER	ARG
REVIEWER	KAG 02/13/26
PROJECT ID	121424
SHEET	P.200
TOTAL	323

WYA-23-3.47

MODEL: CLP_4 - Ramp C [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:18:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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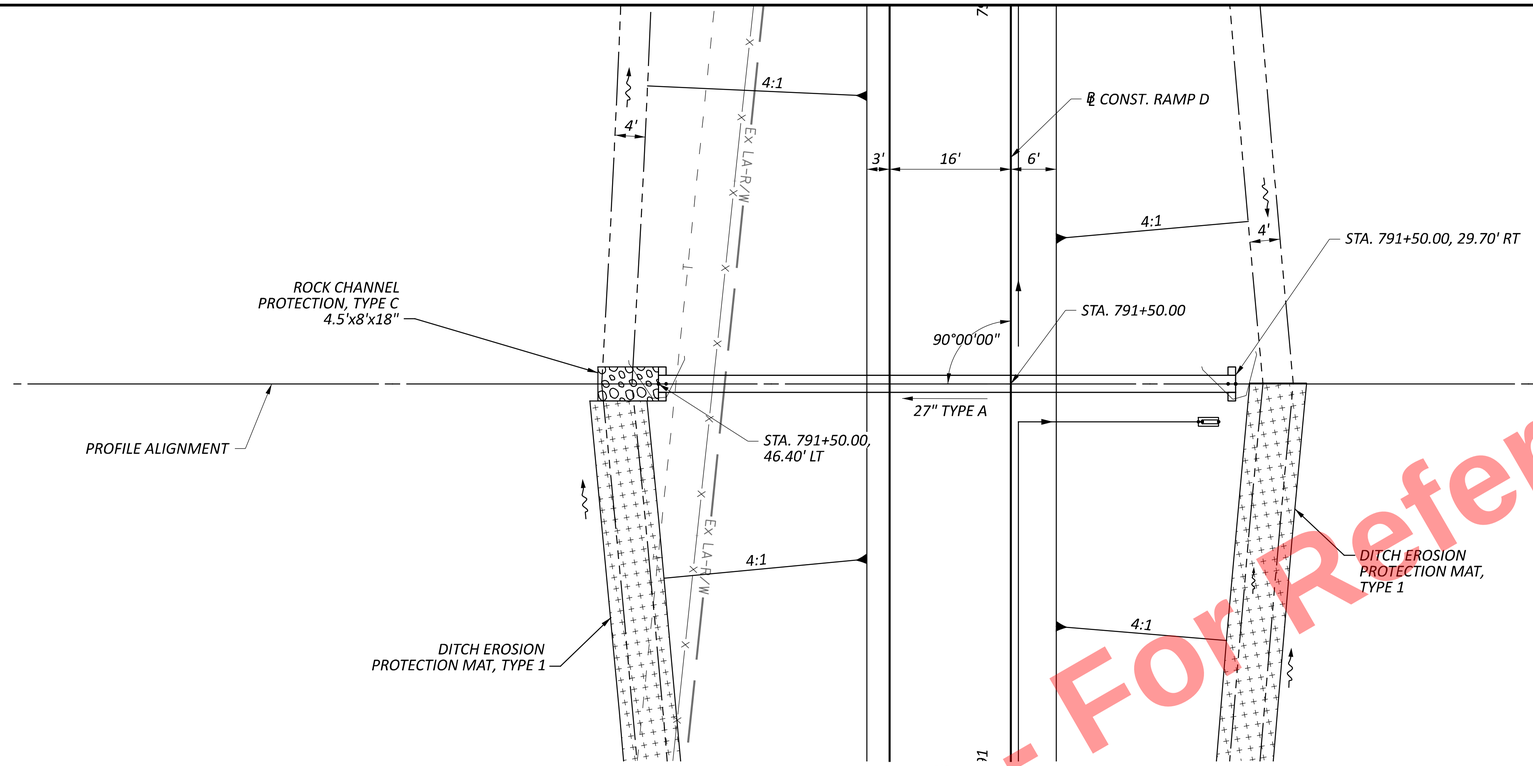
Preliminary Plans - For Reference Only



ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
601	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
602	1.0	CY	CONCRETE MASONRY
611	76	FT	27" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 23 ACRES

Q (4%) = 19 CFS V (4%) = 6.6 FT/S HW (4%) = 869.3 FT

Q (1%) = 24 CFS V (1%) = 7.4 FT/S HW (1%) = 869.9 FT

ORDINARY HIGH WATER MARK: N\A

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 2

pH: 8.4

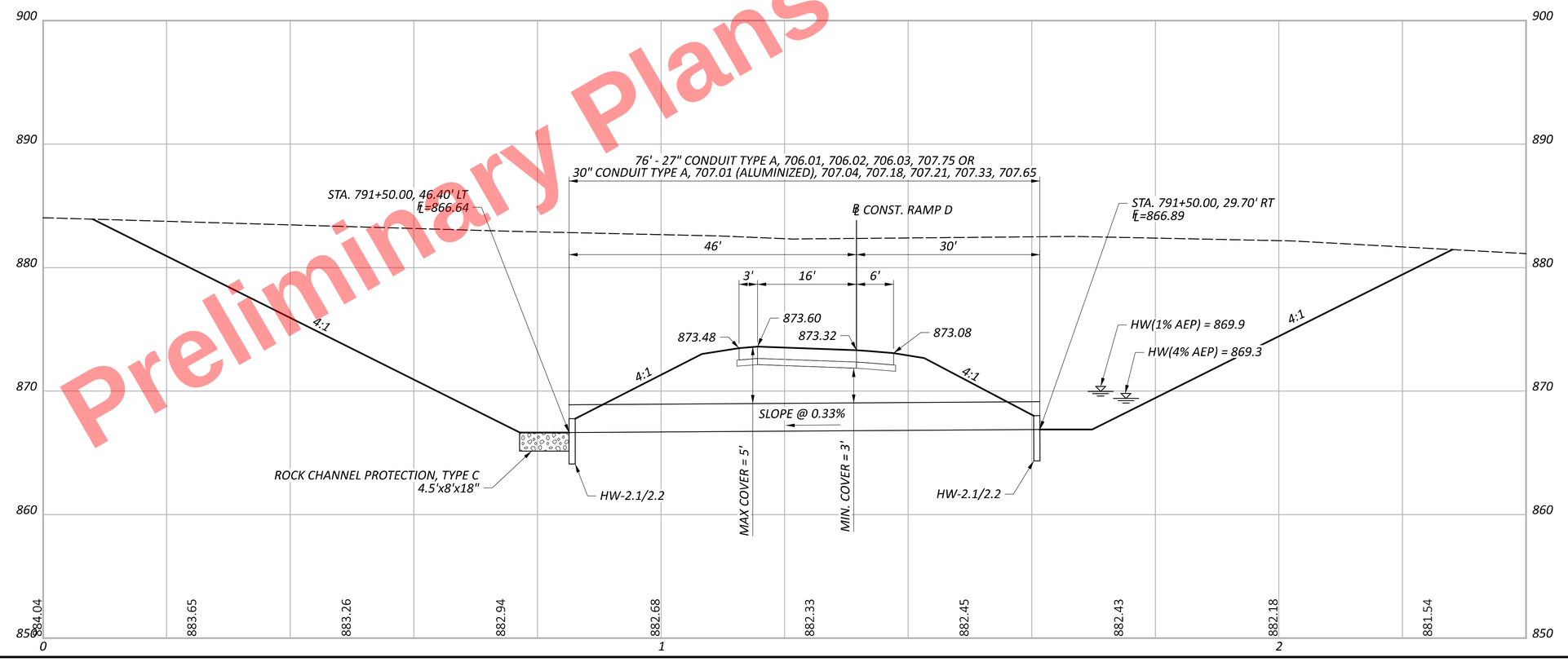
PROPOSED STRUCTURE

TYPE: 27" CONDUIT TYPE A, 706.01, 706.02, 706.03, 707.75 OR 30" CONDUIT TYPE A, 707.01 (ALUMINIZED), 707.04, 707.18, 707.21, 707.33, 707.65

SKEW: 00°00'00"

ALIGNMENT: TANGENT

CFN: TBD



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL SHEET
RAMP D STA. 791+50.00

DESIGN AGENCY

DESIGNER ARG

REVIEWER KAG 02/13/26

PROJECT ID 121424

SHEET P.201 TOTAL 323

WYA-23-3.47

MODEL: CLP_1 - Ramp D [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:18:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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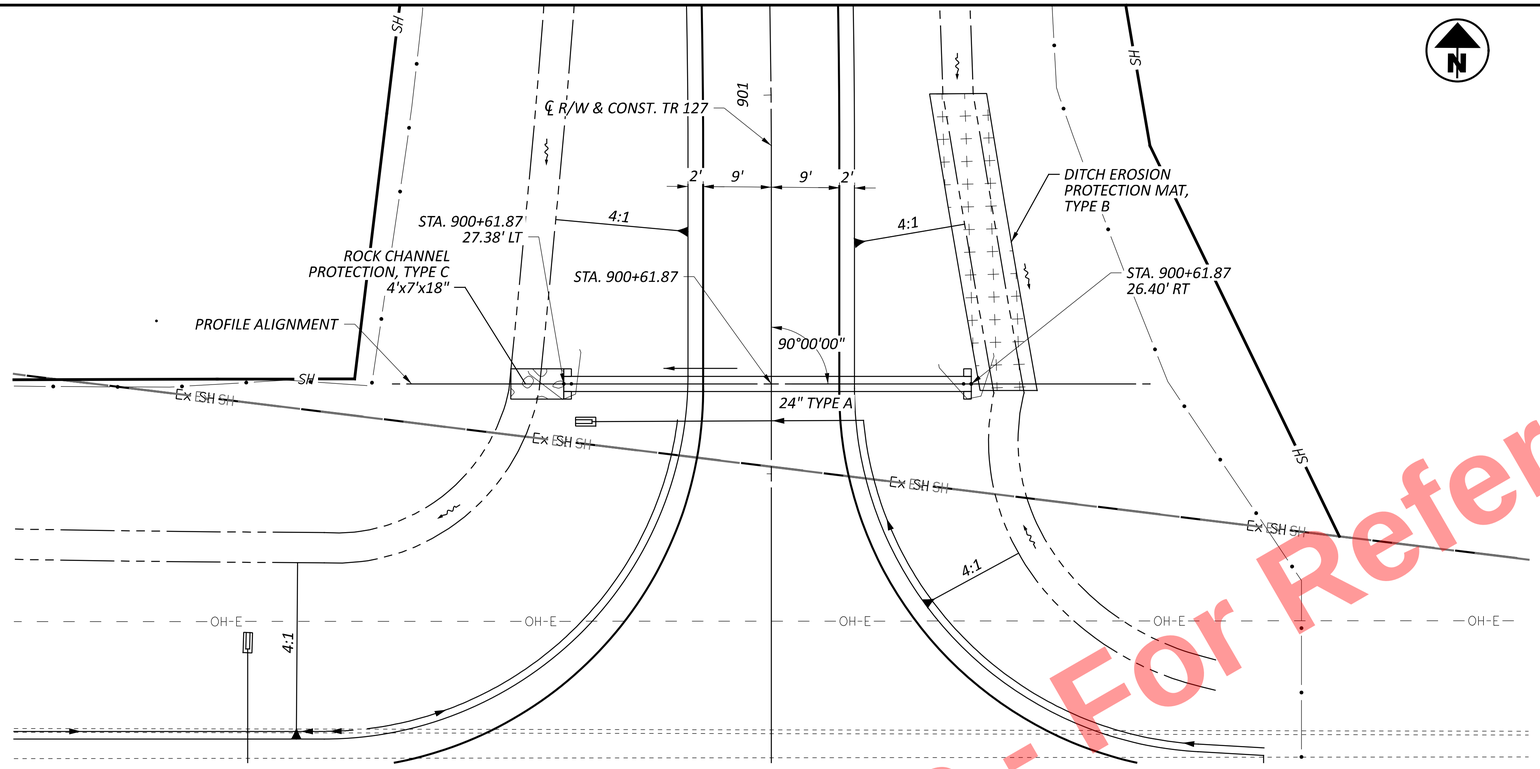
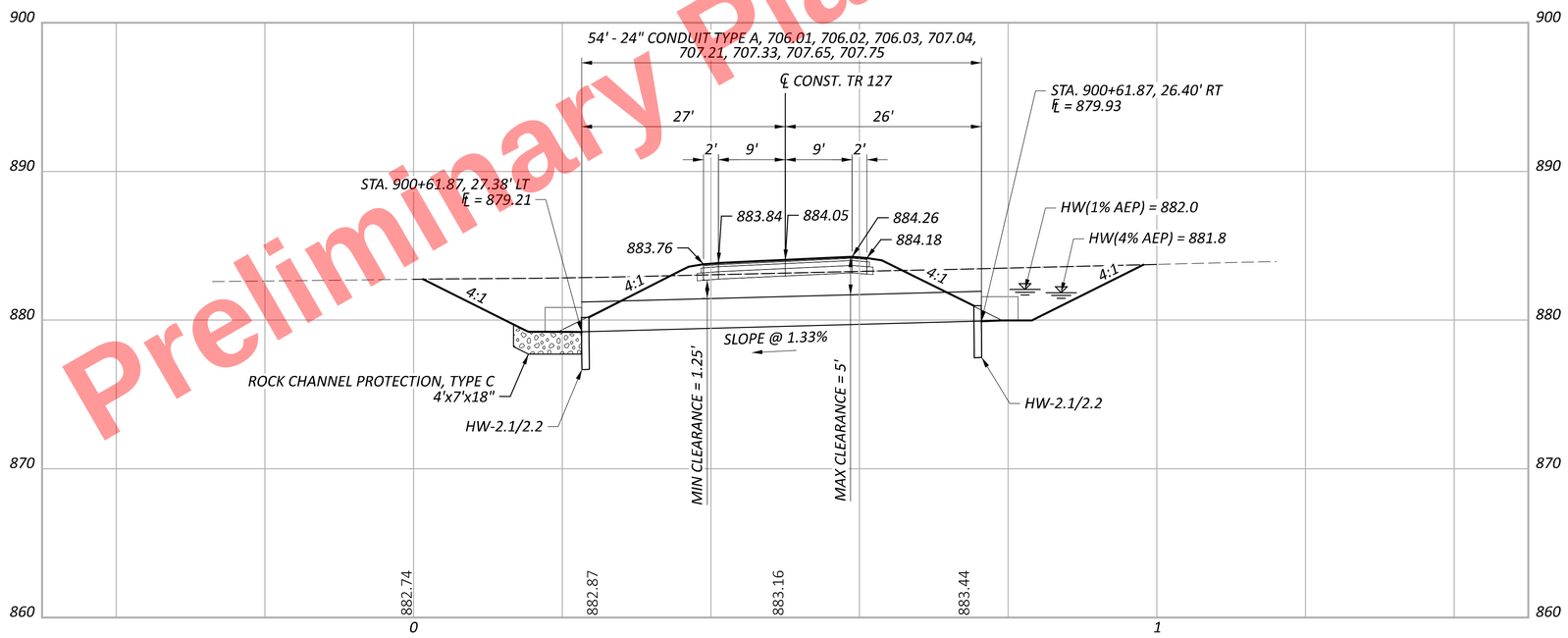




ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
601	4	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
602	0.9	CY	CONCRETE MASONRY
611	54	FT	24" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 13 ACRES

Q (4%) = 10 CFS V (4%) = 5.5 FT/S HW (4%) = 881.8 FT

Q (1%) = 12 CFS V (1%) = 5.8 FT/S HW (1%) = 882.0 FT

ORDINARY HIGH WATER MARK: N/A

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 1

pH: 8.4

PROPOSED STRUCTURE

TYPE: 24" CONDUIT TYPE A, 706.01, 706.02, 706.03, 707.04, 707.21, 707.33, 707.65, 707.75

SKEW: 00°00'00"

ALIGNMENT: TANGENT

CFN: TBD

HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL SHEET
T.R. 127 STA. 900+61.87

DESIGN AGENCY

DESIGNER ARG

REVIEWER KAG 02/13/26

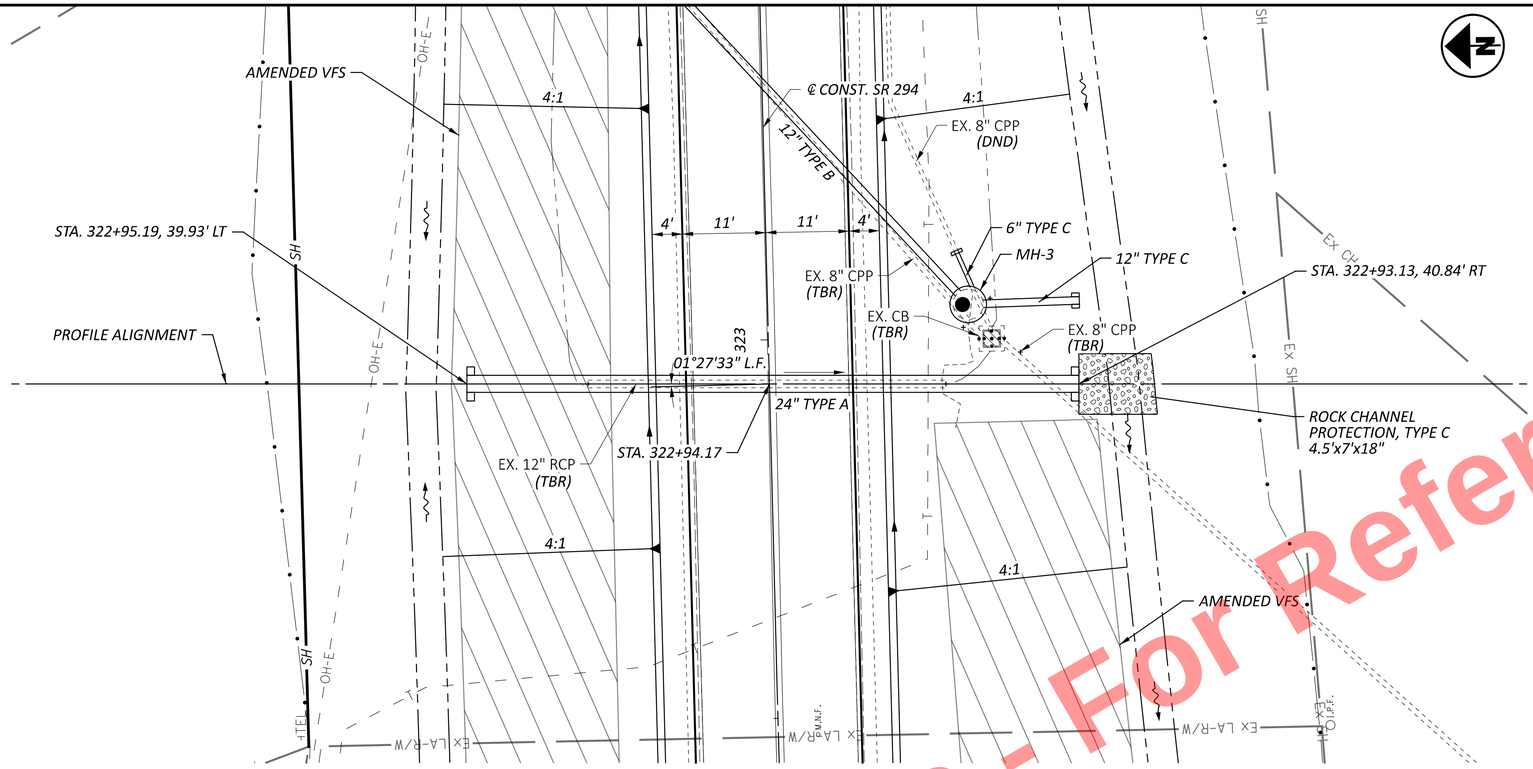
PROJECT ID 121424

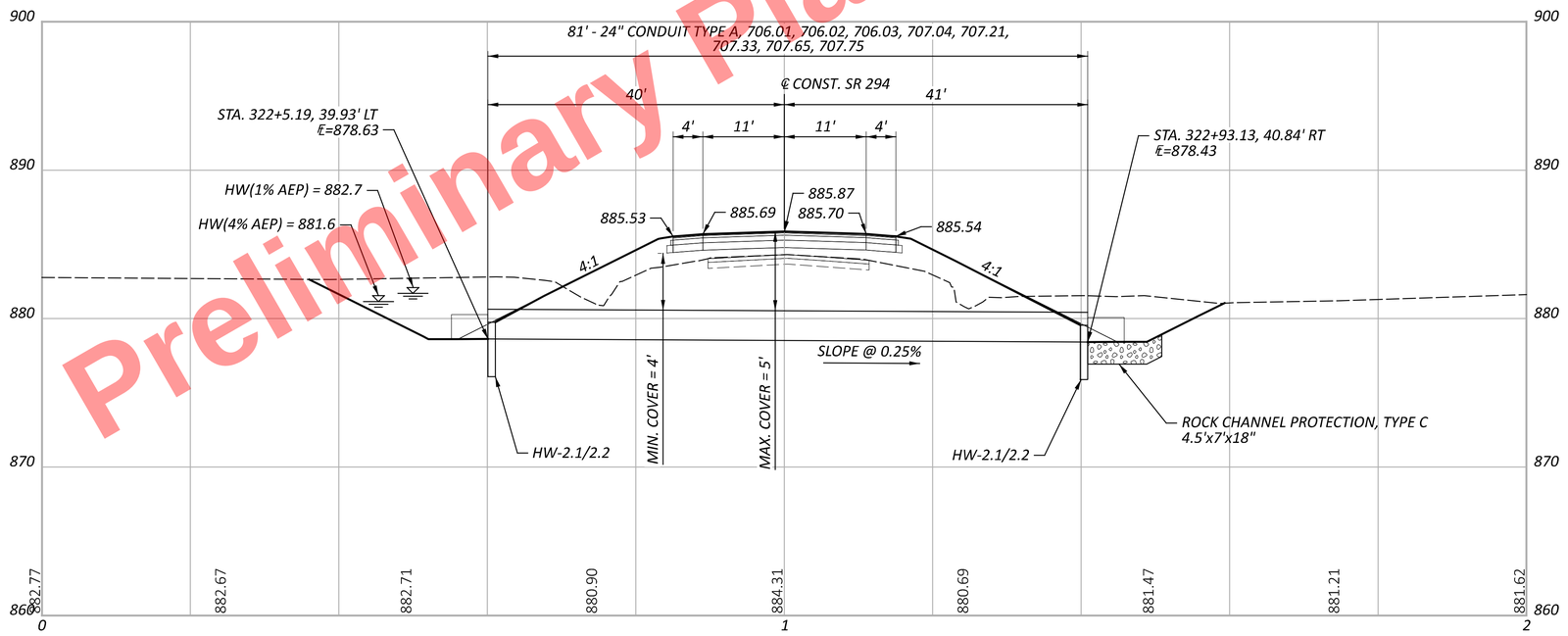
SHEET P.202 TOTAL 323

WYA-23-3.47

Preliminary Plans - For Reference Only

MODEL: C:\P_1 - TR 127 Culvert [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:18:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Drainage\Sheets\121424_DC005.dgn





ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
601	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
602	1.0	CY	CONCRETE MASONRY
611	81	FT	24" CONDUIT, TYPE A

HYDRAULIC DATA

DRAINAGE AREA = 18 ACRES

Q (4%) = 15 CFS V (4%) = 6.4 FT/S HW (4%) = 881.6 FT

Q (1%) = 18 CFS V (1%) = 7.0 FT/S HW (1%) = 882.7 FT

ORDINARY HIGH WATER MARK: N/A

DESIGN SERVICE LIFE: 75 YEARS

ABRASION LEVEL: 2

pH: 8.4

PROPOSED STRUCTURE

TYPE: 24" CONDUIT TYPE A, 706.01, 706.02, 706.03, 707.04, 707.21, 707.33, 707.65, 707.75

SKEW: 01°27'33" L.F.

ALIGNMENT: TANGENT

CFN: TBD

EXISTING STRUCTURE

TYPE: REINFORCED CONCRETE PIPE

SIZE: 12"

SKEW:

ALIGNMENT: TANGENT

DATE BUILT:

CONDITION:

CFN:

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 5 10 20

CULVERT DETAIL SHEET
S.R. 294 STA. 322+94.17

WYA-23-3.47

MODEL: CLP_1 - SR 294 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:20:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY

DESIGNER ARG

REVIEWER KAG 02/13/26

PROJECT ID 121424

SHEET P.203 TOTAL 323

AMENDED VEGETATED FILTER STRIP (AVFS)

THE AMENDED VEGETATED FILTER STRIP (AVFS) CONSISTS OF THE GRASSED PORTION OF THE GRADED SHOULDER AND GRASSED FORESLOPE, WHERE THE UNDERLYING SOILS HAVE BEEN AMENDED WITH COMPOST AND SAND. THE AVFS SHOULD BE IMPLEMENTED IN A STRIP, PARALLEL WITH THE ROADWAY, SO THAT IT CAN RECEIVE SHEET FLOW DIRECTLY FROM THE ROADWAY.

MATERIAL SPECIFICATIONS

SAND

1. MEET ODOT CMS 703.02 - FINE AGGREGATE

SOIL AMENDMENT COMPOST

1. SOIL AMENDMENT COMPOST SHALL ORIGINATE FROM AN OHIO EPA CLASS IV COMPOSTING FACILITY.

2. 100% OF MATERIAL MUST PASS THE 1/2-INCH SCREEN, WITH 75% PASSING THE 1/4-INCH SCREEN.

3. 5.5 < PH < 8.5

4. INERT MATERIAL < 1%

5. 35% < ORGANIC CONTENT < 65%
   (DRY WEIGHT BASIS DETERMINED BY LOSS OF IGNITION)

6. 20% < C:N RATIO < 25%

7. MATURITY > 80% (SOLVITA INDEX VALUE BETWEEN 7 AND 8). PARENT MATERIAL IS NO LONGER VISIBLE. COMPOST SHOULD BE STABLE WITH REGARD TO OXYGEN CONSUMPTION AND CARBON DIOXIDE GENERATION.

8. < 1,000 MPN/GTS FECAL COLIFORM AND < 3 MPN/GTS SALMONELLA SPP.

9. 30% < MOISTURE CONTENT < 60% WET BASIS

10. SOIL AMENDMENT COMPOST SAMPLES SHOULD BE TAKEN FROM THE MATERIAL STOCKPILED BY THE SUPPLIER WITHIN 15 CALENDAR DAYS PRIOR TO INITIAL APPLICATION. SUBMIT LABORATORY RESULTS TO THE ENGINEER FOR APPROVAL. SOIL AMENDMENT COMPOST THAT DOES NOT MEET THE SPECIFICATION SHALL NOT BE USED.

SEED

1. MEET ODOT CMS 659.09 - CLASS 1 - LAWN MIXTURE

EROSION CONTROL MAT

1. MEET ODOT CMS 712 - TYPE A - TEMPORARY EROSION CONTROL MAT

CONSTRUCTION PROCEDURE

1. SOIL RIPPING: USE A SOLID-SHANK RIPPER WITH TEETH, TRAVERSING THE AREA WITH 2 PASSES IN EACH DIRECTION TO A DEPTH OF 12 INCHES. EACH PASS IS CONSIDERED THE WIDTH OF THE RIPPER, WITH TEETH SPACED NO MORE THAN 12 INCHES APART. THIS MAY BE ACCOMPLISHED WITH IMPLEMENTS MOUNTED TO A TRACTOR OR DOZER OR USE OF A GRADER WITH APPROPRIATE IMPLEMENTS (SCARIFIER TEETH), BUT MUST MEET THE 12-INCH DEPTH. IF TEETH ARE SPACED GREATER THAN 12 INCHES, ADDITIONAL PASSES ARE REQUIRED TO MEET A FURROW SPACING OF 6 INCHES. ONLY PERFORM RIPPING DURING DRY CONDITIONS WHEN SOILS ARE FRIABLE.

2. EXCAVATION: REMOVE EXCESS SOIL, SO THAT AFTER THE AMENDMENTS HAVE BEEN INCORPORATED INTO THE EXISTING SOIL, THE EXISTING GROUND SURFACE PROFILE WILL NOT APPRECIABLY CHANGE.

3. AMENDMENT PLACEMENT AND INCORPORATION: SPREAD AMENDMENTS OVER THE GROUND SURFACE IN A UNIFORM THICKNESS TO THE SPECIFIED AMENDMENT DEPTH. INCORPORATE AMENDMENTS WITH A ROTOTILLER OR SIMILAR EQUIPMENT INTO THE SOIL TO A DEPTH OF 6 INCHES. CONTINUE TILLING UNTIL ALL SOIL CLODS ARE REDUCED TO A MAXIMUM SIZE OF 1-INCH (25 MM) AND THE MIXTURE IS UNIFORM. INCORPORATION SHOULD ONLY BE PERFORMED DURING DRY CONDITIONS WHEN SOILS ARE FRIABLE. SIX PASSES (PASS IS THE WIDTH OF THE MACHINE) WITH A ROTOTILLER OR SIMILAR IS ANTICIPATED TO MEET THE UNIFORMITY REQUIREMENT.

4. FINE GRADING AND LIMITED COMPACTION: PERFORM FINE GRADING TO ACHIEVE THE SLOPE GEOMETRY AND ELEVATIONS SPECIFIED IN THE PLANS. TO ACHIEVE AN APPROXIMATE COMPACTION OF 85 TO 90% MAXIMUM DENSITY, ONE PASS WITH A RUBBER-TIRED OR SMOOTH DRUM ROLLER IS ANTICIPATED.

5. COMPOST BLANKET: EVENLY SPREAD A 0.5-INCH THICK LAYER OF SOIL AMENDMENT COMPOST OVER THE GROUND SURFACE.

6. SEEDING AND WATERING: ODOT CLASS I LAWN MIXTURE (ODOT ITEM 659.09) INSTALLED PER ITEM 659. RAKE SEED INTO SOIL AMENDMENT COMPOST. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING A MINIMUM OF 70% PERMANENT VEGETATION COVERAGE WITHIN THE PROJECT SCHEDULE. WATERING MAY BE NECESSARY.

7. FERTILIZER: APPLY THE FOLLOWING FERTILIZER AND RATES. FOLLOW ODOT ITEM 659.04 SPECIFICATION FOR APPLICATION OF FERTILIZER.
   1.0 LB./1,000 FT² POTASSIUM
   2.5 LB./1,000 FT² POTASH
   1.0 LB./1,000 FT² MAGNESIUM

8. EROSION CONTROL MATTING: ODOT CMS ITEM 712 TYPE A TEMPORARY EROSION CONTROL MAT. INSTALL PER ODOT ITEM 671. DO NOT RUN MACHINERY/EQUIPMENT OVER THE AMENDED SOILS DURING INSTALLATION OF THE EROSION CONTROL MAT.

Preliminary Plans
For Reference Only

AMENDED VFS NOTES

DESIGN AGENCY

HDR

DESIGNER SNW

REVIEWER ARG 02/13/26

PROJECT ID 121424

SHEET P.204 TOTAL 323

WYA-23-3.47

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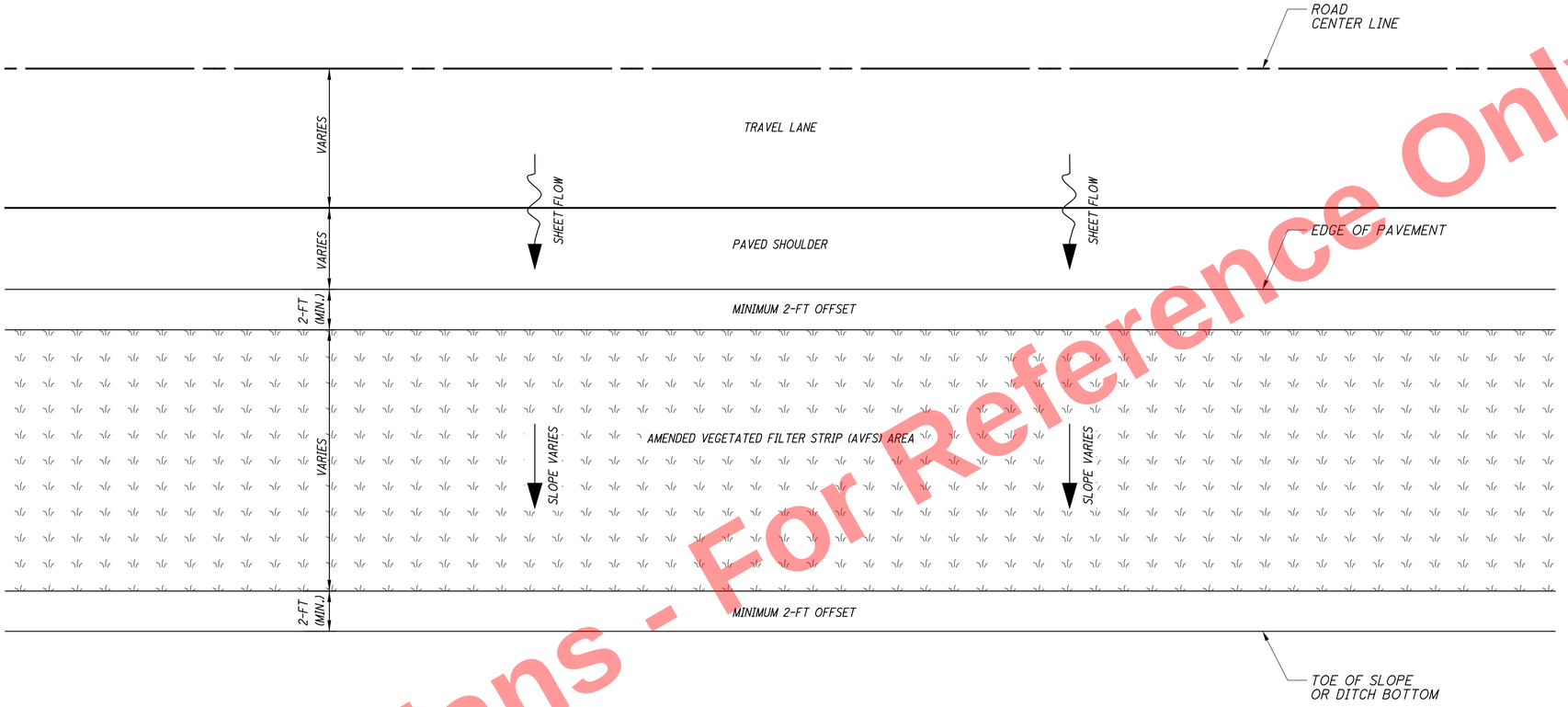
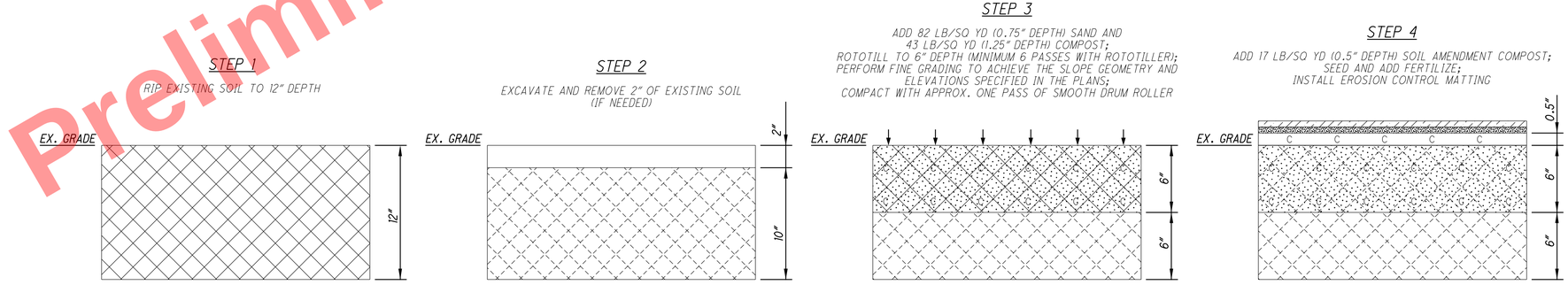


AMENDED VEGETATED FILTER STRIP (AVFS)

NOT TO SCALE



LEGEND

- SOIL RIPPED/EXCAVATED/ROTOTILLED
- SOIL AMENDMENT COMPOST
- SAND
- SMOOTH DRUM ROLLER (COMPACTION)
- SEED (ODOT CMS 659.09 CLASS 1 - LAWN MIXTURE)
- EROSION CONTROL MAT (ODOT CMS 712 - TYPE A)

FINAL AMENDED SOIL COMPOSITION

(% BY VOLUME)

SAND = 13%
AMENDED SOIL COMPOST = 21%
NATIVE SOIL = 67%

Preliminary Plans - For Reference Only

DESIGN AGENCY

HDR

DESIGNER SNW

REVIEWER ARG 02/13/26

PROJECT ID 121424

SHEET P.205 TOTAL 323

WYA-23-3.47

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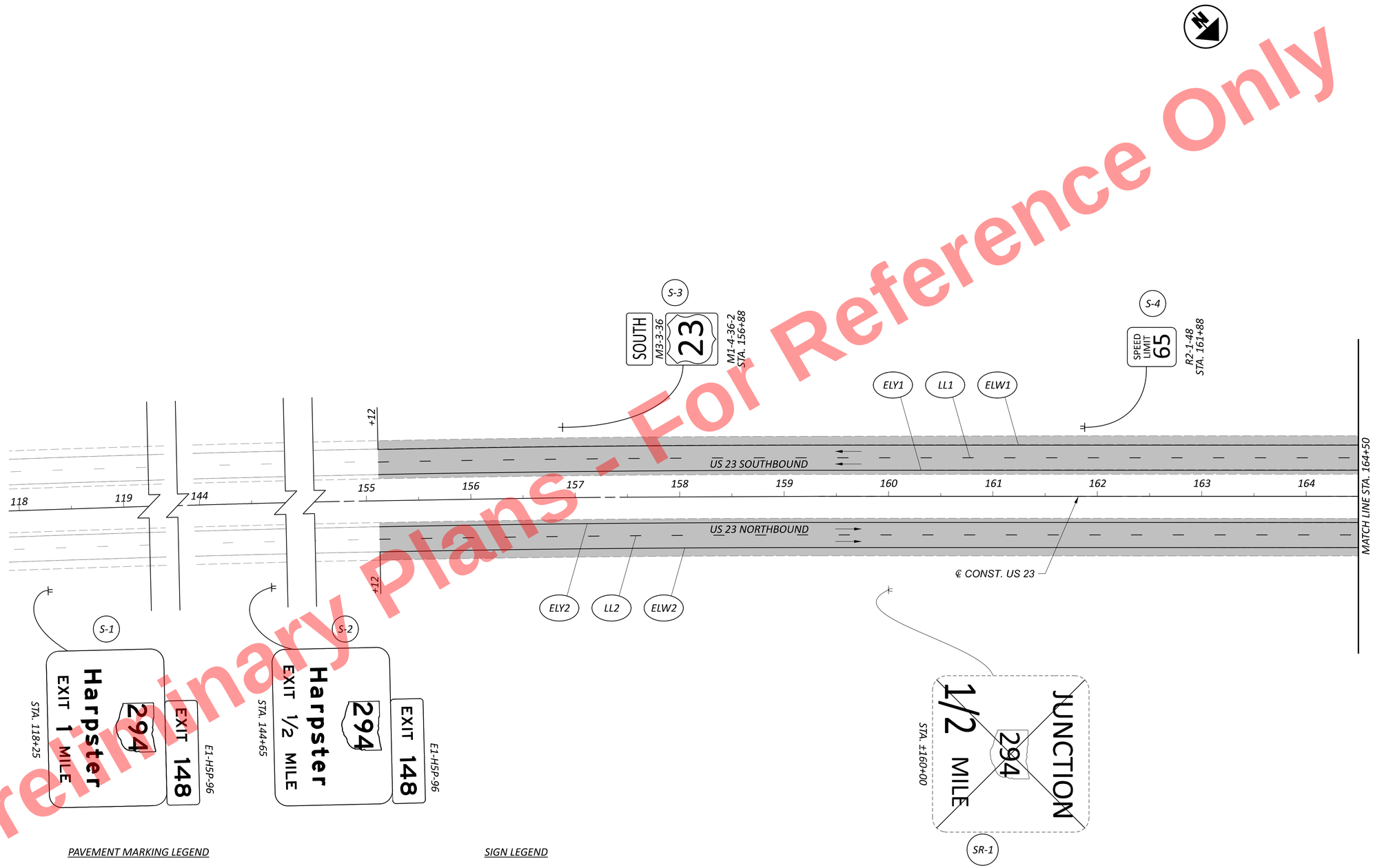

Preliminary Plans - For Reference Only

PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED

- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
BEGIN WORK TO STA. 164+50.00

WYA-23-3.47

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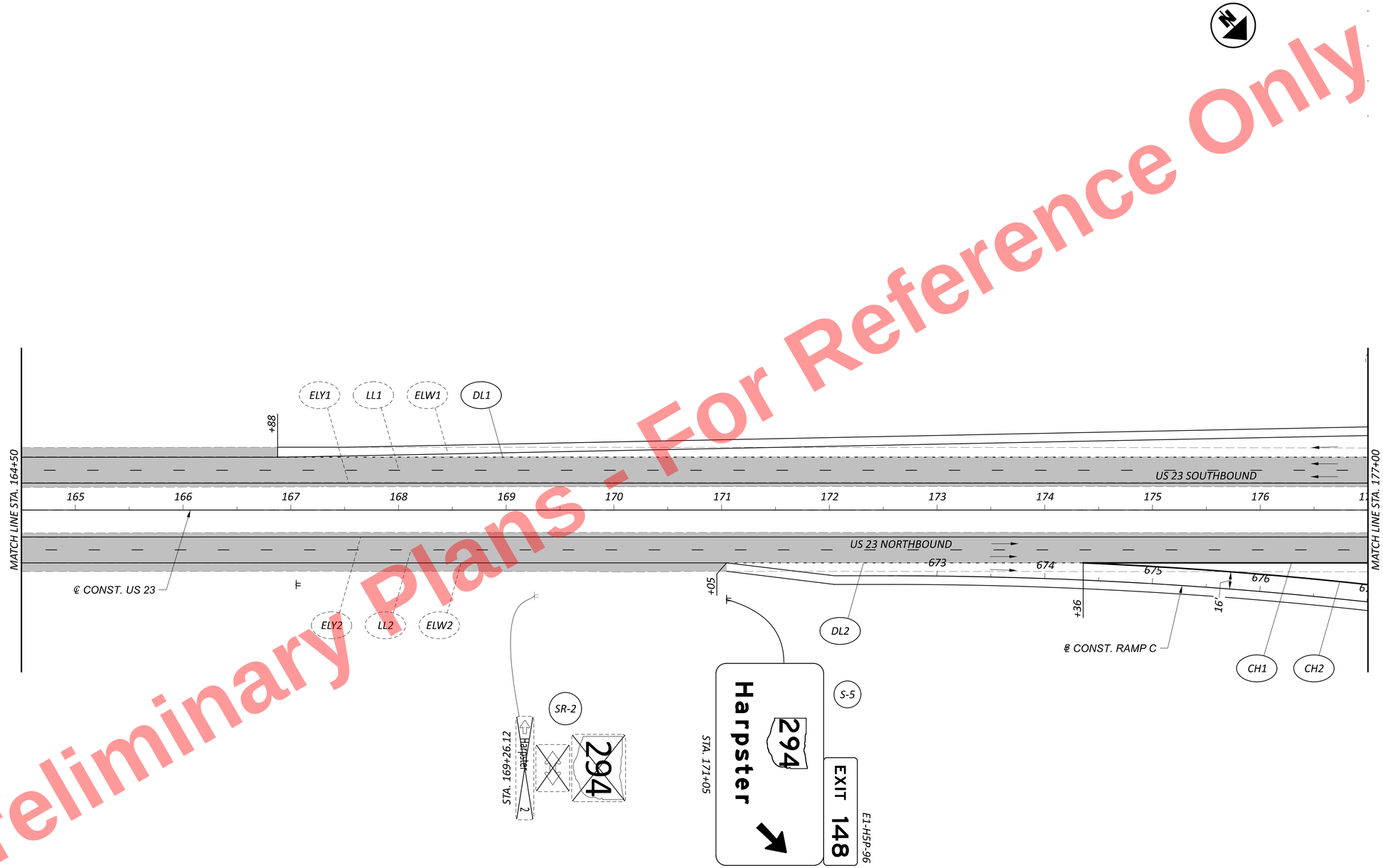
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.206 TOTAL 323

Preliminary Plans - For Reference Only



PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED

- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 164+50.00 TO STA. 177+00.00

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.207 TOTAL 323

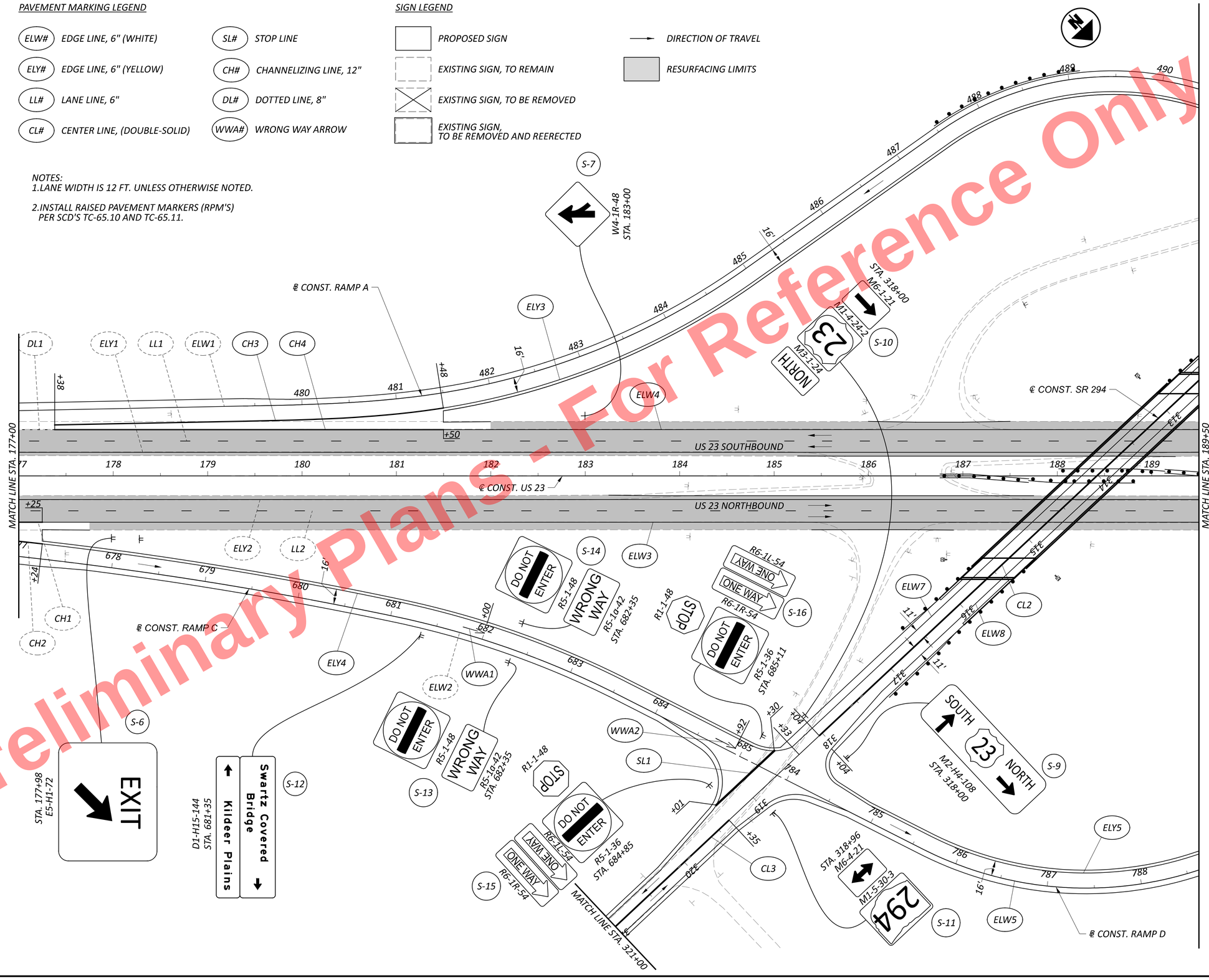
PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)	SL#	STOP LINE
ELY#	EDGE LINE, 6" (YELLOW)	CH#	CHANNELIZING LINE, 12"
LL#	LANE LINE, 6"	DL#	DOTTED LINE, 8"
CL#	CENTER LINE, (DOUBLE-SOLID)	WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23 (PROPOSED SIGNING/STRIPING)
STA. 177+00.00 TO STA. 189+50.00

WYA-23-3.47

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E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.208 TOTAL 323

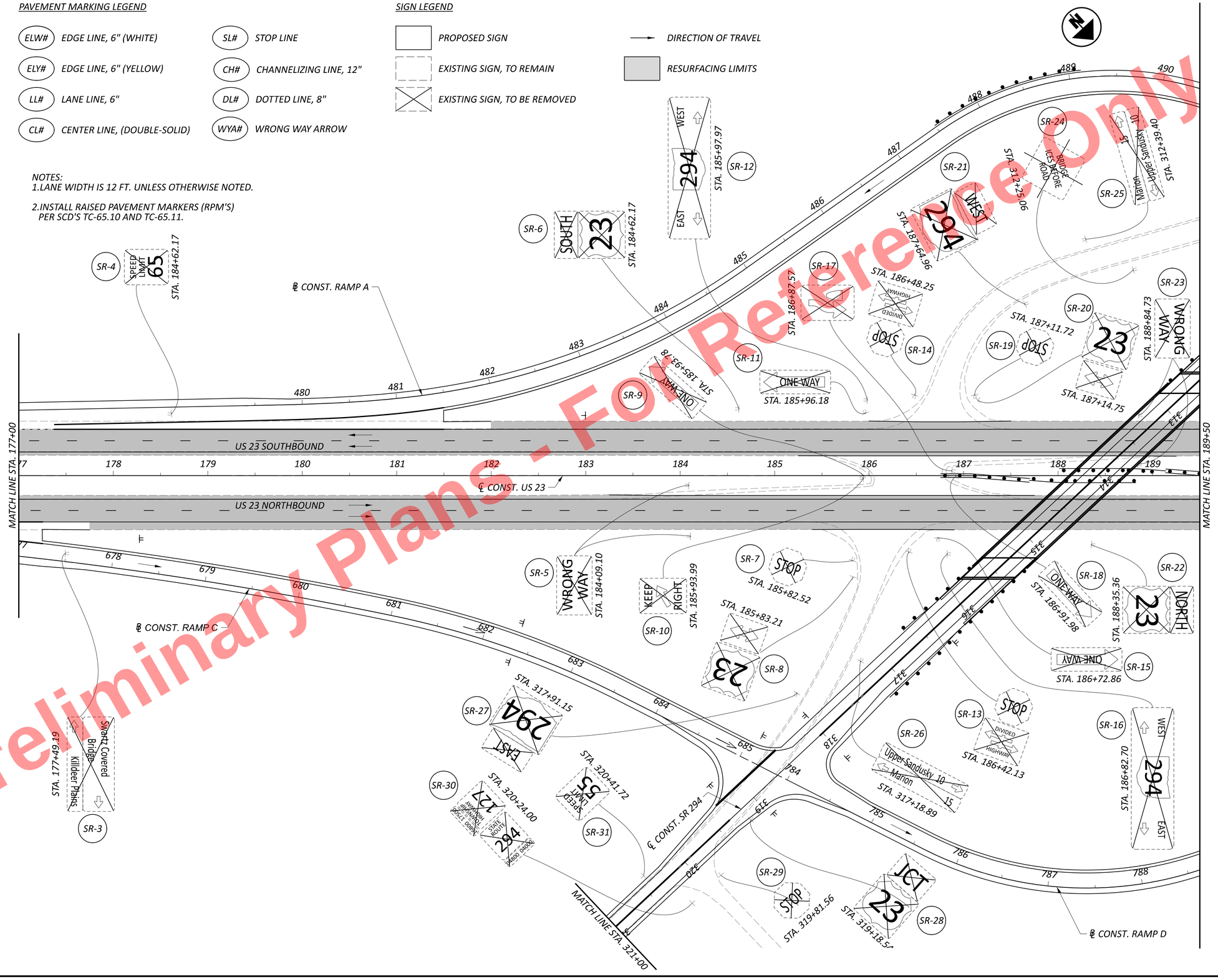
PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)	SL#	STOP LINE
ELY#	EDGE LINE, 6" (YELLOW)	CH#	CHANNELIZING LINE, 12"
LL#	LANE LINE, 6"	DL#	DOTTED LINE, 8"
CL#	CENTER LINE, (DOUBLE-SOLID)	WYA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23 (SIGN REMOVAL ONLY)
STA. 177+00.00 TO STA. 189+50.00

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DESIGNER	KRF
REVIEWER	ACF 02/13/26
PROJECT ID	121424
SHEET	P.209
TOTAL	323

WYA-23-3.47

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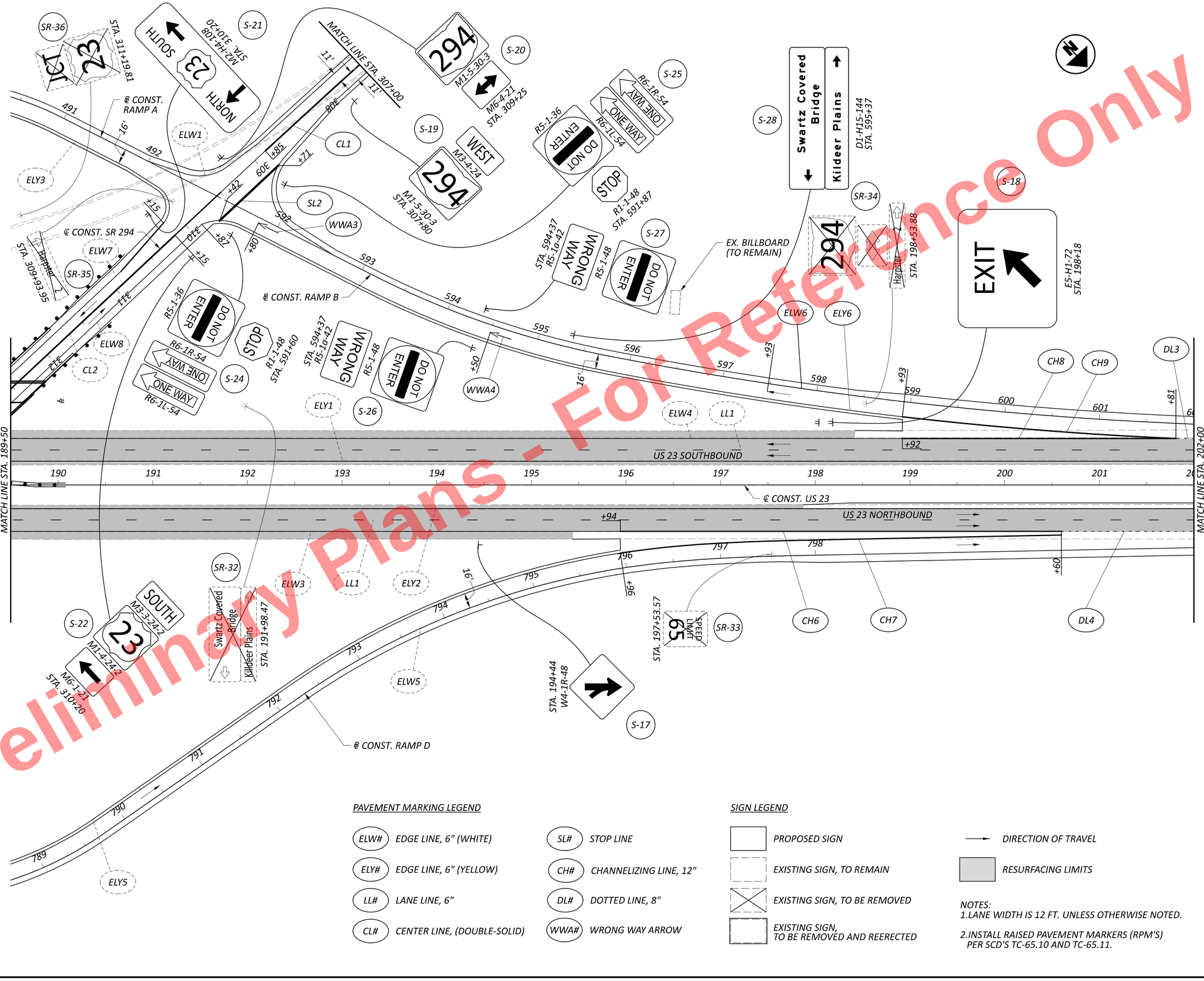

Preliminary Plans - For Reference Only

PAVEMENT MARKING LEGEND

- ELW# — EDGE LINE, 6" (WHITE)
- ELY# — EDGE LINE, 6" (YELLOW)
- LL# — LANE LINE, 6"
- CL# — CENTER LINE, (DOUBLE-SOLID)
- SL# — STOP LINE
- CH# — CHANNELIZING LINE, 12"
- DL# — DOTTED LINE, 8"
- WWA# — WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 189+50.00 TO STA. 202+00.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.210 TOTAL 323

WYA-23-3.47

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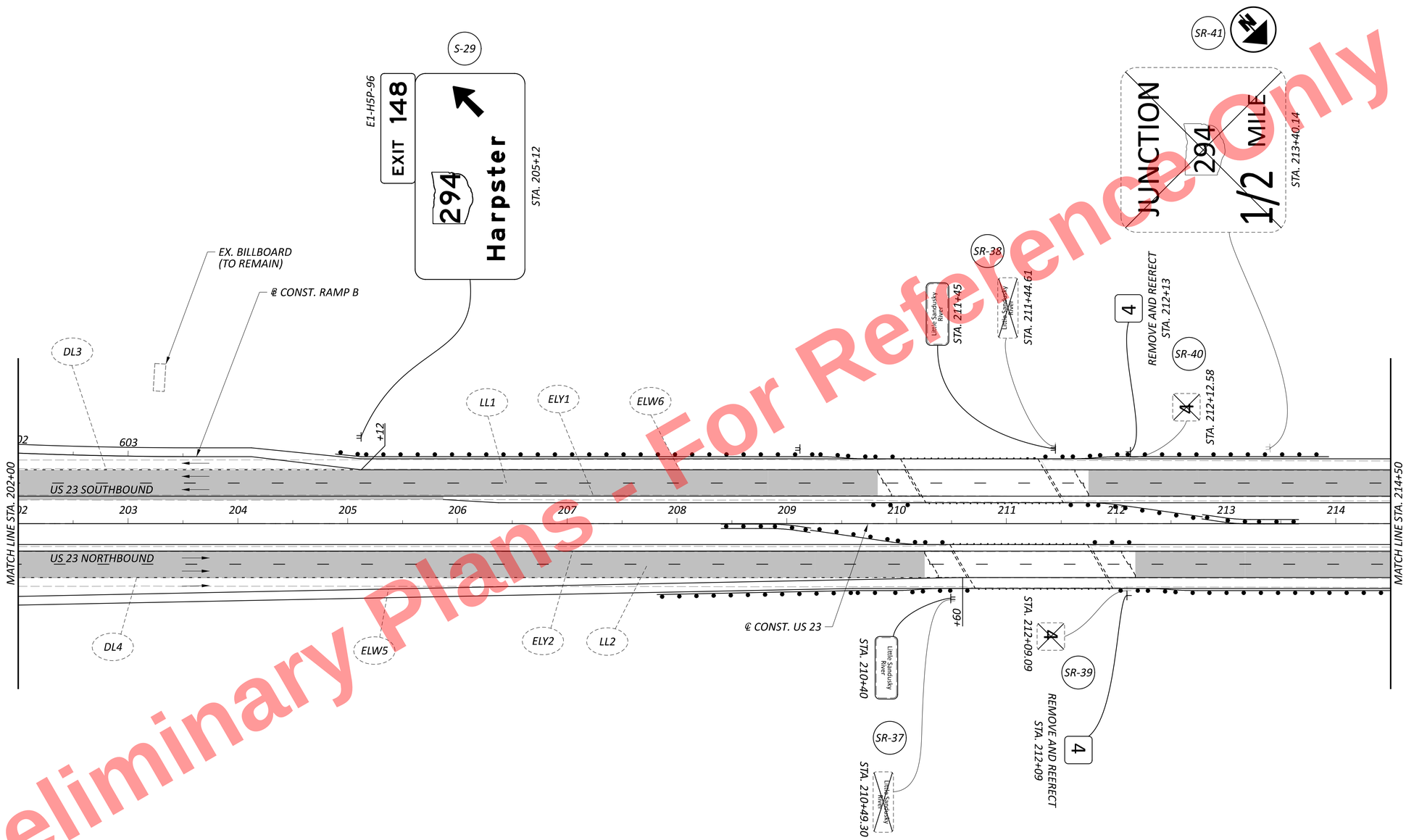

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PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED

- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 202+00.00 TO STA. 214+50.00

WYA-23-3.47

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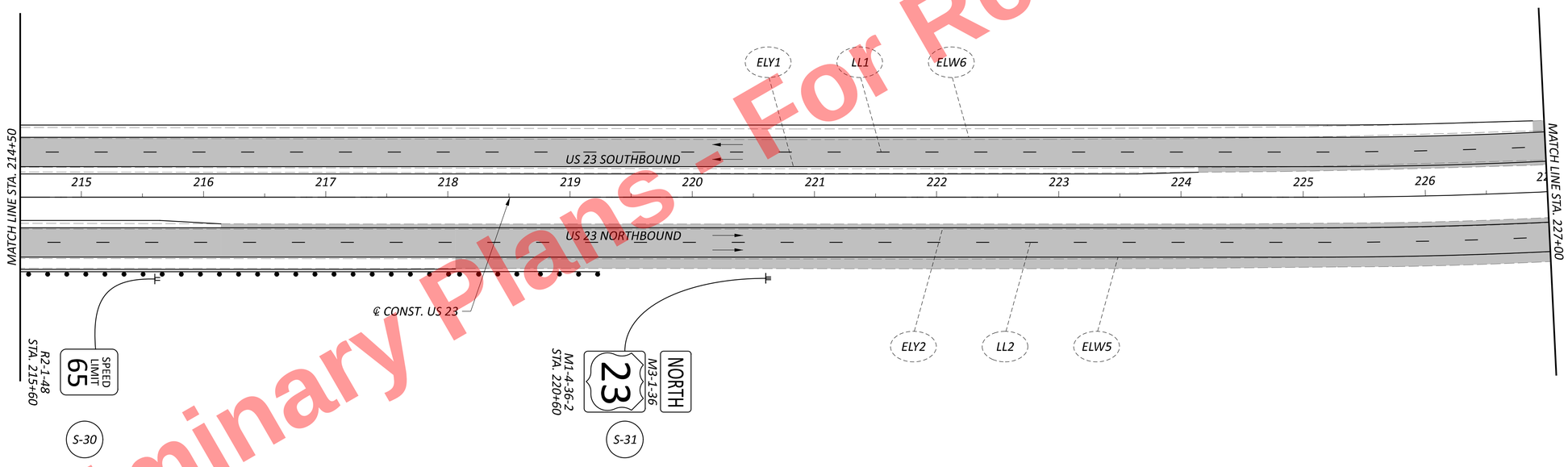
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.211 TOTAL 323

Preliminary Plans - For Reference Only



PAVEMENT MARKING LEGEND

- ELW# — EDGE LINE, 6" (WHITE)
- ELY# — EDGE LINE, 6" (YELLOW)
- LL# — LANE LINE, 6"
- CL# — CENTER LINE, (DOUBLE-SOLID)
- SL# — STOP LINE
- CH# — CHANNELIZING LINE, 12"
- DL# — DOTTED LINE, 8"
- WWA# — WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED

- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 214+50.00 TO STA. 227+00.00

WYA-23-3.47

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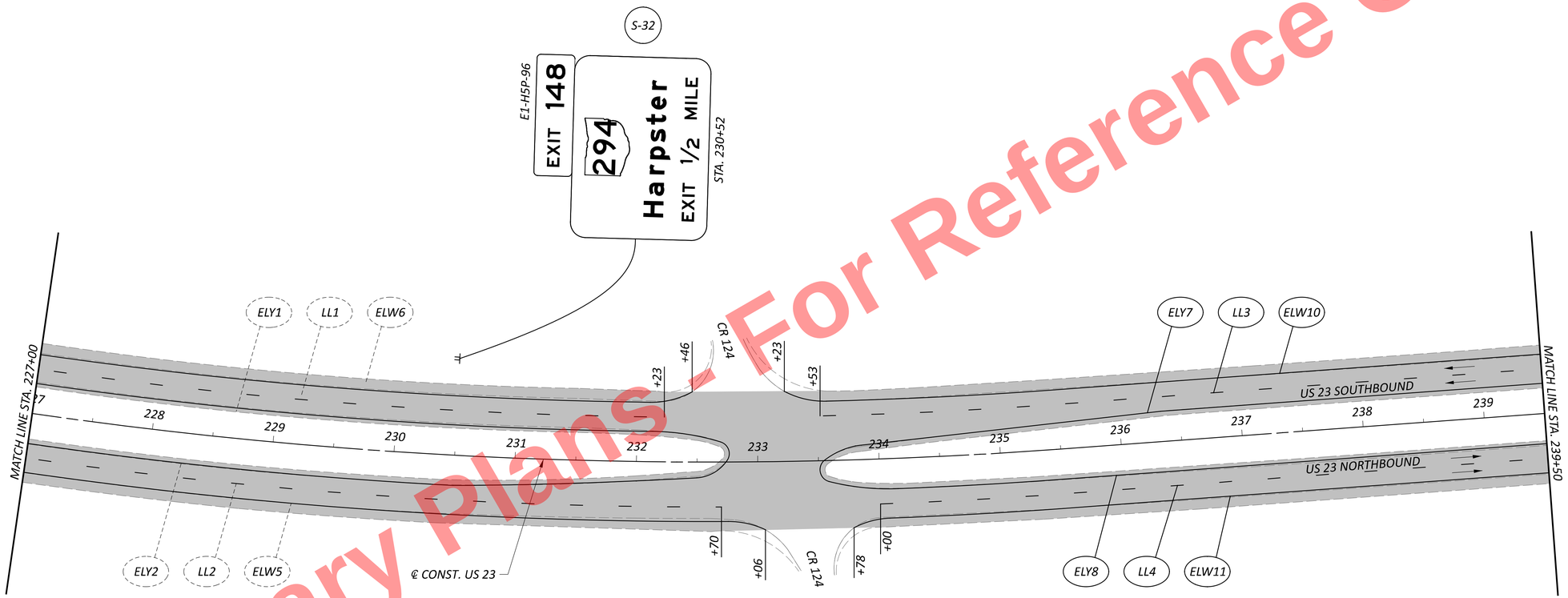
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.212 TOTAL 323



Preliminary Plans - For Reference Only

PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 227+00.00 TO END WORK

WYA-23-3.47

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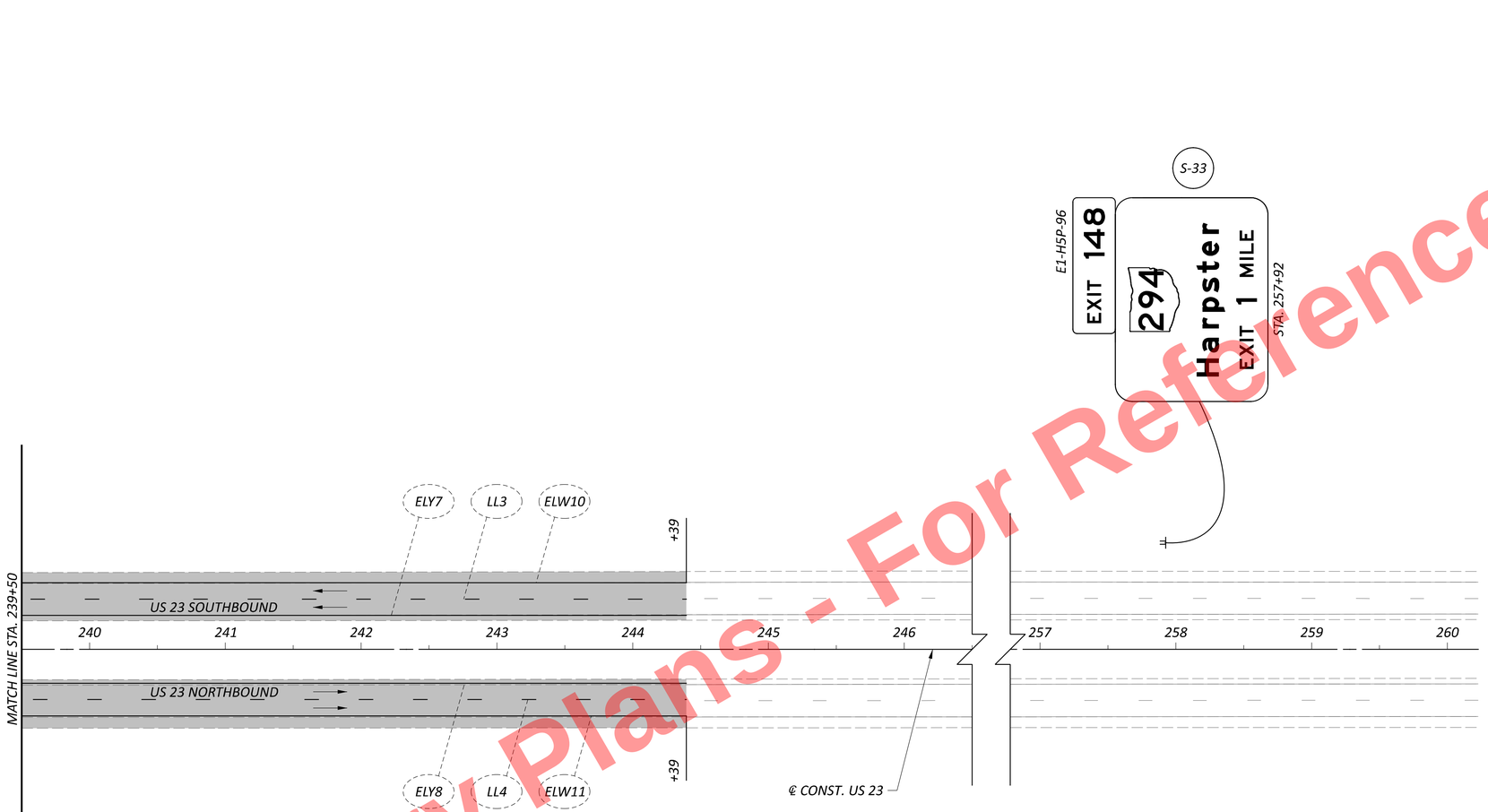
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.213 TOTAL 323

Preliminary Plans - For Reference Only



PAVEMENT MARKING LEGEND

- ELW# — EDGE LINE, 6" (WHITE)
- ELY# — EDGE LINE, 6" (YELLOW)
- LL# — LANE LINE, 6"
- CL# — CENTER LINE, (DOUBLE-SOLID)
- SL# — STOP LINE
- CH# — CHANNELIZING LINE, 12"
- DL# — DOTTED LINE, 8"
- WWA# — WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - US 23
STA. 239+50.00 TO END WORK

WYA-23-3.47

MODEL: 121424_TP008 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:22:40 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.214 TOTAL 323

MODEL: 121424_TP101 (Sheet) PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:22:49 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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Preliminary Plans - For Reference Only

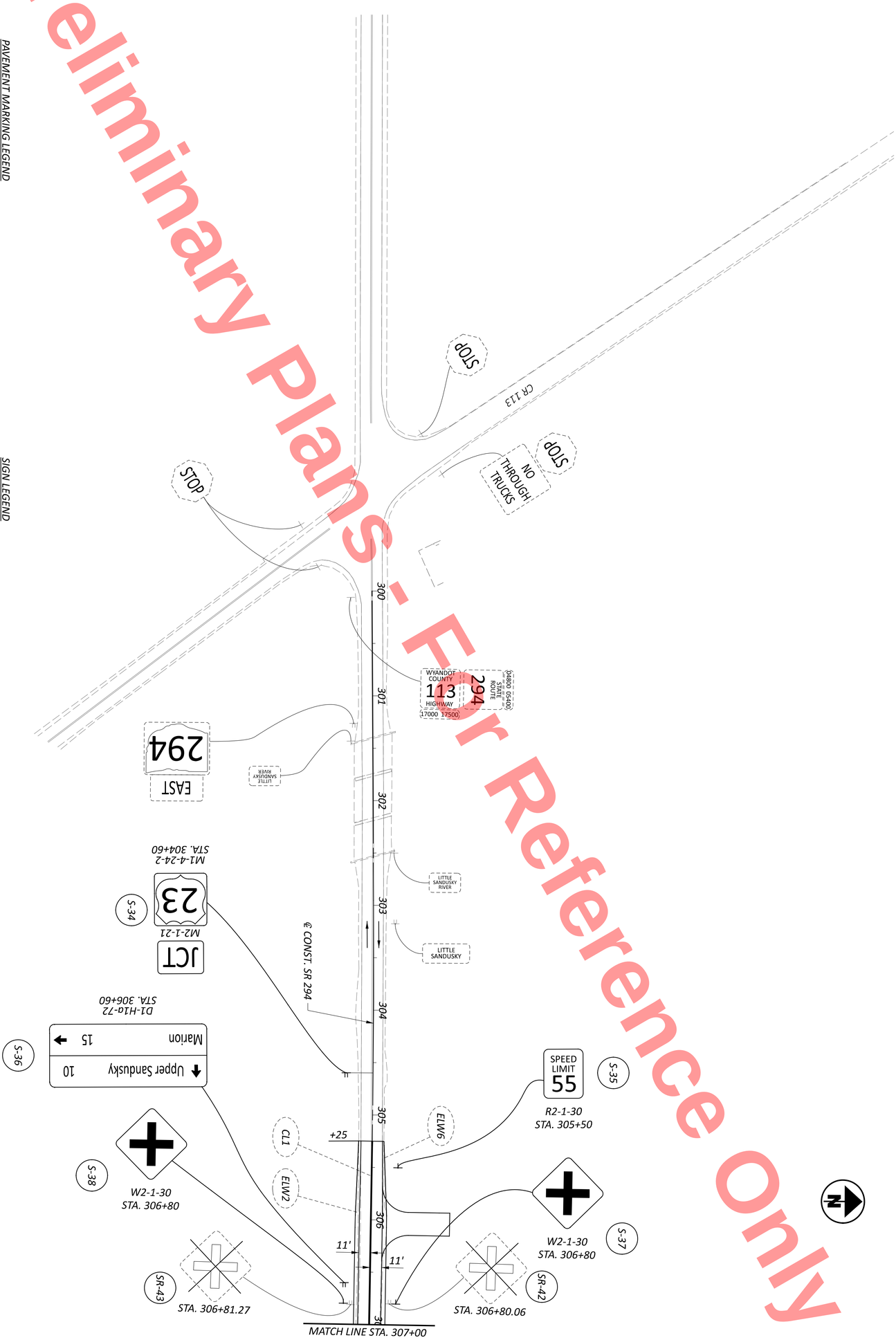
PAVEMENT MARKING LEGEND

- ELW# — EDGE LINE, 6" (WHITE)
- ELY# — EDGE LINE, 6" (YELLOW)
- LL# — LANE LINE, 6"
- CL# — CENTER LINE, (DOUBLE-SOLID)
- SL# — STOP LINE
- CH# — CHANNELIZING LINE, 12"
- DL# — DOTTED LINE, 8"
- WWA# — WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1.LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2.INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

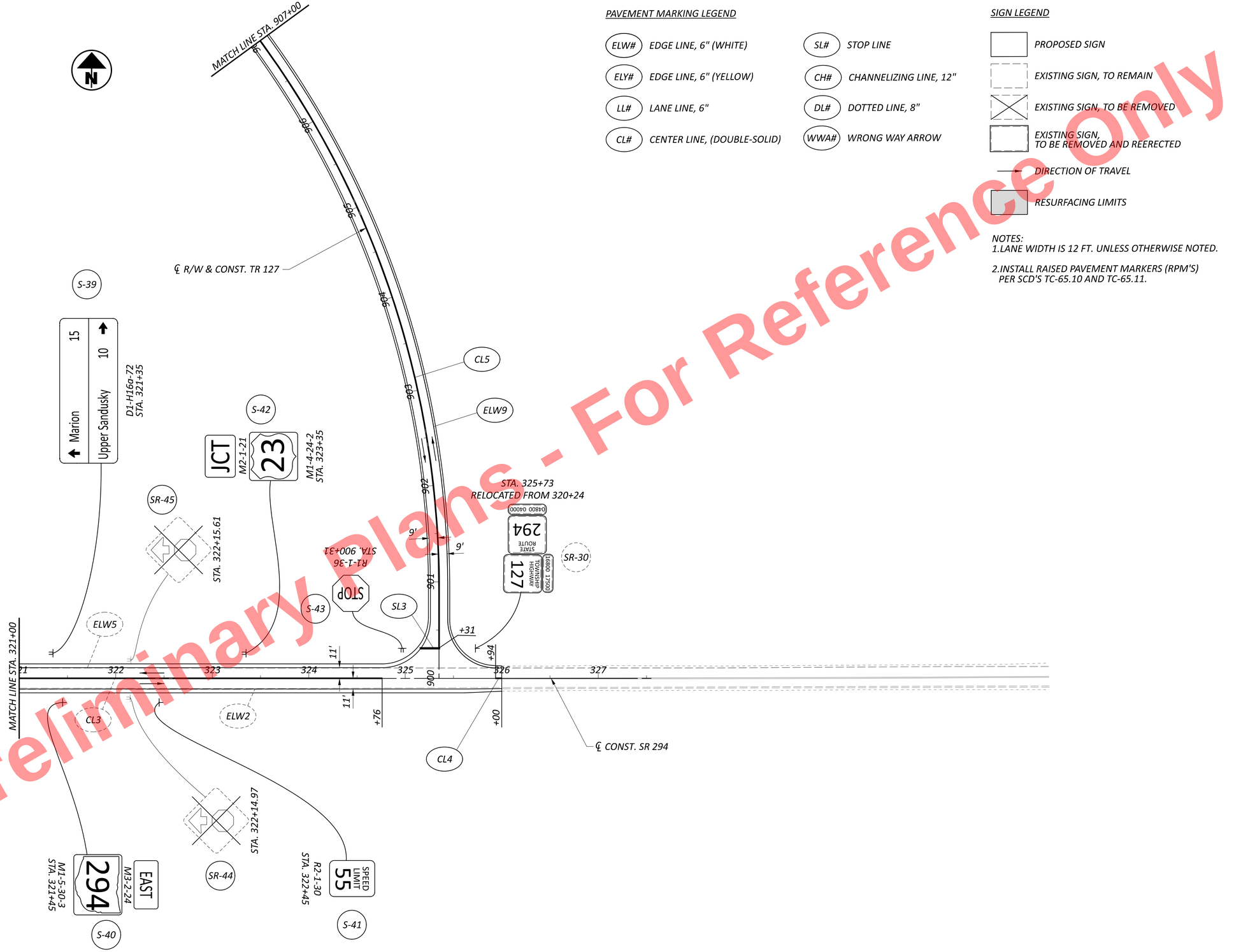


TRAFFIC CONTROL PLAN - SR 294
BEGIN WORK TO STA. 307+00.00

HORIZONTAL SCALE IN FEET
0 50
25 100

DESIGN AGENCY
EL. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio 44113
959 Goodale Blvd. Suite 150
Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.215 TOTAL 323



PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

- PROPOSED SIGN
- EXISTING SIGN, TO REMAIN
- EXISTING SIGN, TO BE REMOVED
- EXISTING SIGN, TO BE REMOVED AND REERECTED
- DIRECTION OF TRAVEL
- RESURFACING LIMITS

NOTES:
1. LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.
2. INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - SR 294
STA. 321+00.00 TO END WORK

WYA-23-3.47

MODEL: 121424_TP102 [Sheet] PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:20:39 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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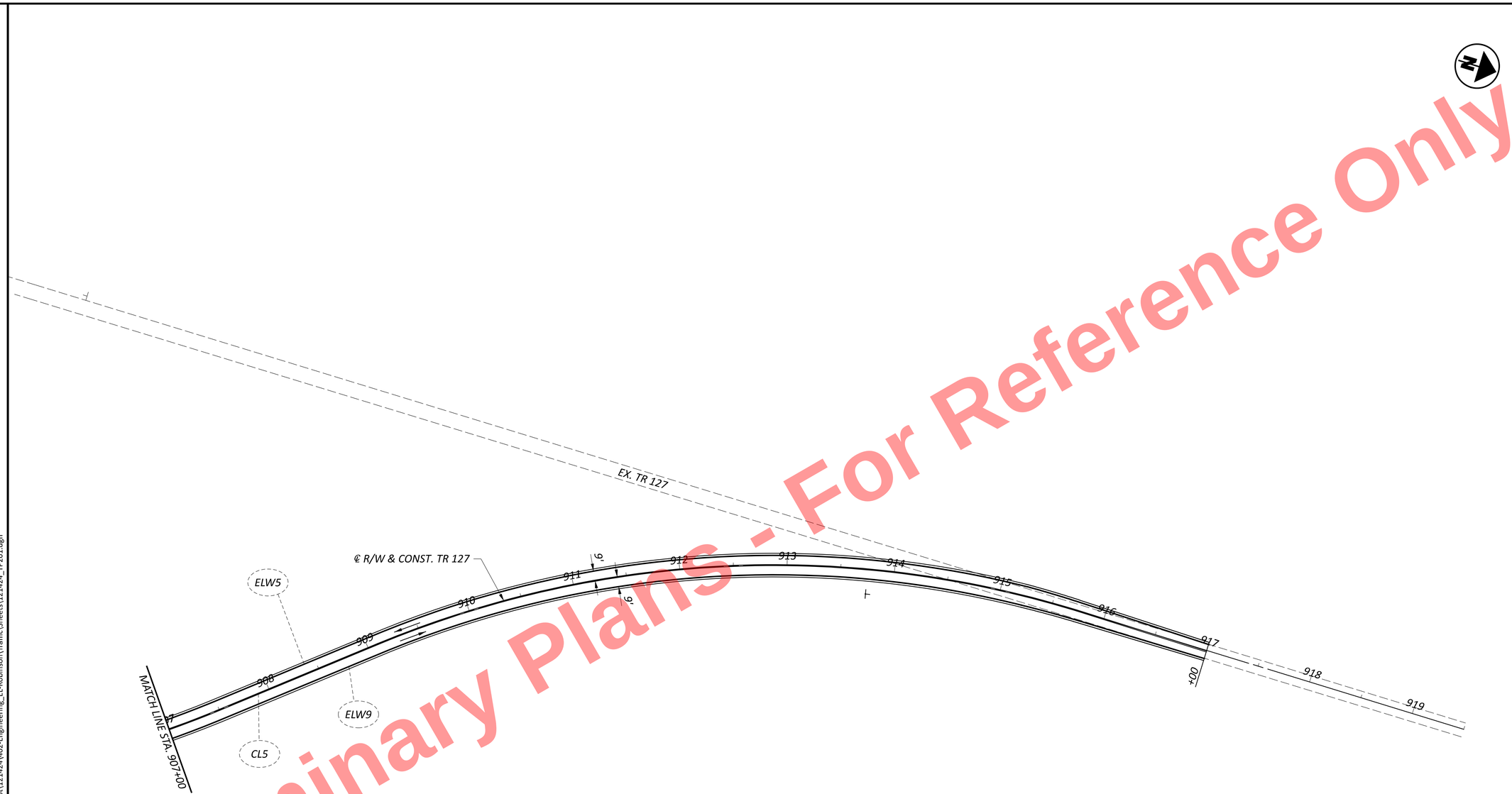
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER: KRF
REVIEWER: ACF 02/13/26
PROJECT ID: 121424
SHEET: P.216 TOTAL: 323

Preliminary Plans - For Reference Only



PAVEMENT MARKING LEGEND

ELW#	EDGE LINE, 6" (WHITE)
ELY#	EDGE LINE, 6" (YELLOW)
LL#	LANE LINE, 6"
CL#	CENTER LINE, (DOUBLE-SOLID)
SL#	STOP LINE
CH#	CHANNELIZING LINE, 12"
DL#	DOTTED LINE, 8"
WWA#	WRONG WAY ARROW

SIGN LEGEND

	PROPOSED SIGN
	EXISTING SIGN, TO REMAIN
	EXISTING SIGN, TO BE REMOVED
	EXISTING SIGN, TO BE REMOVED AND REERECTED
→	DIRECTION OF TRAVEL
	RESURFACING LIMITS

NOTES:
1.LANE WIDTH IS 12 FT. UNLESS OTHERWISE NOTED.

2.INSTALL RAISED PAVEMENT MARKERS (RPM'S) PER SCD'S TC-65.10 AND TC-65.11.

HORIZONTAL SCALE IN FEET
0 25 50 100

TRAFFIC CONTROL PLAN - TR 127
STA. 907+00.00 TO END WORK

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER KRF
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.217 TOTAL 323

WYA-23-3.47

MODEL: 121424_TP201 (Sheet) PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:23:06 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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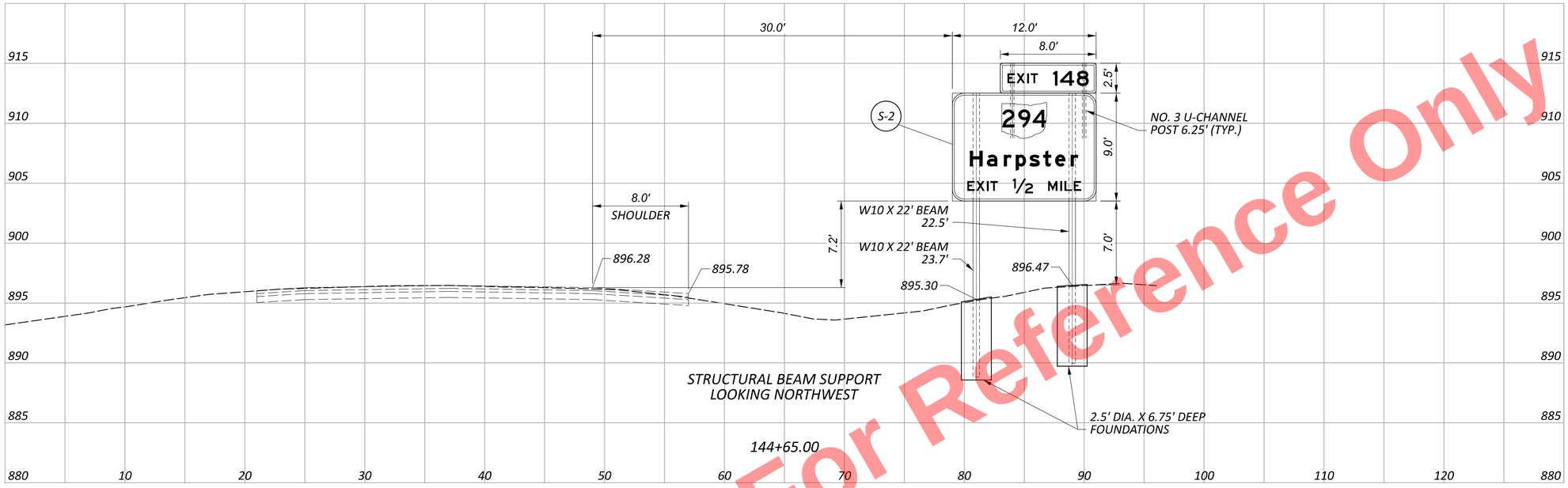

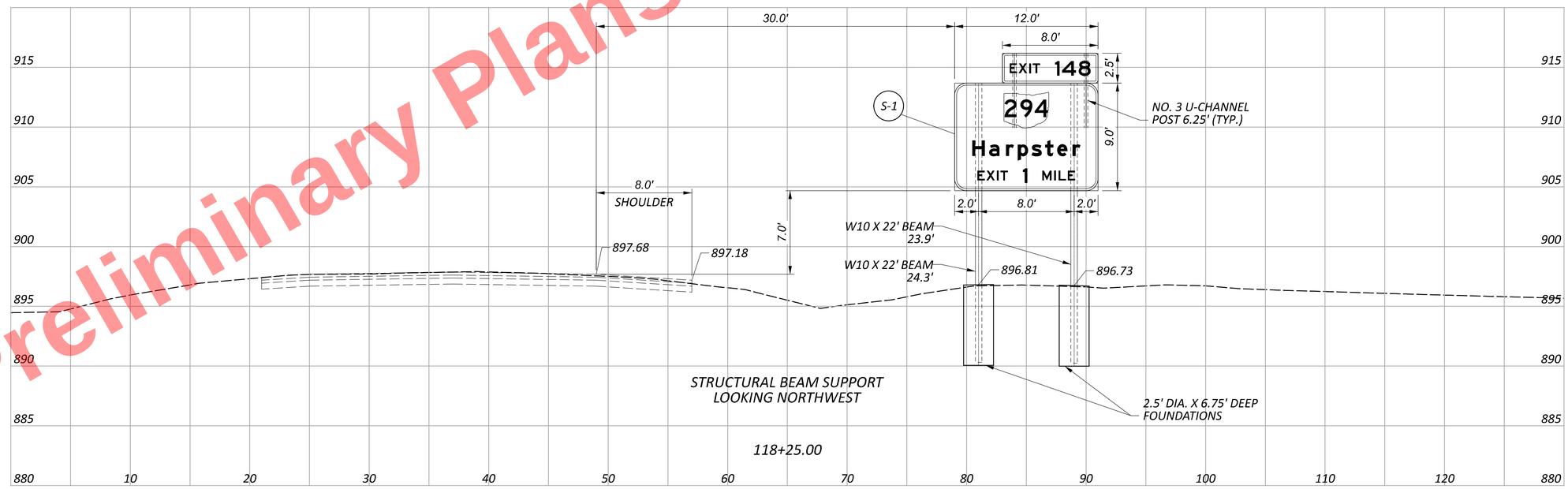

Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
US 23

WYA-23-3.47

MODEL: 121424_TE101 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:50:45 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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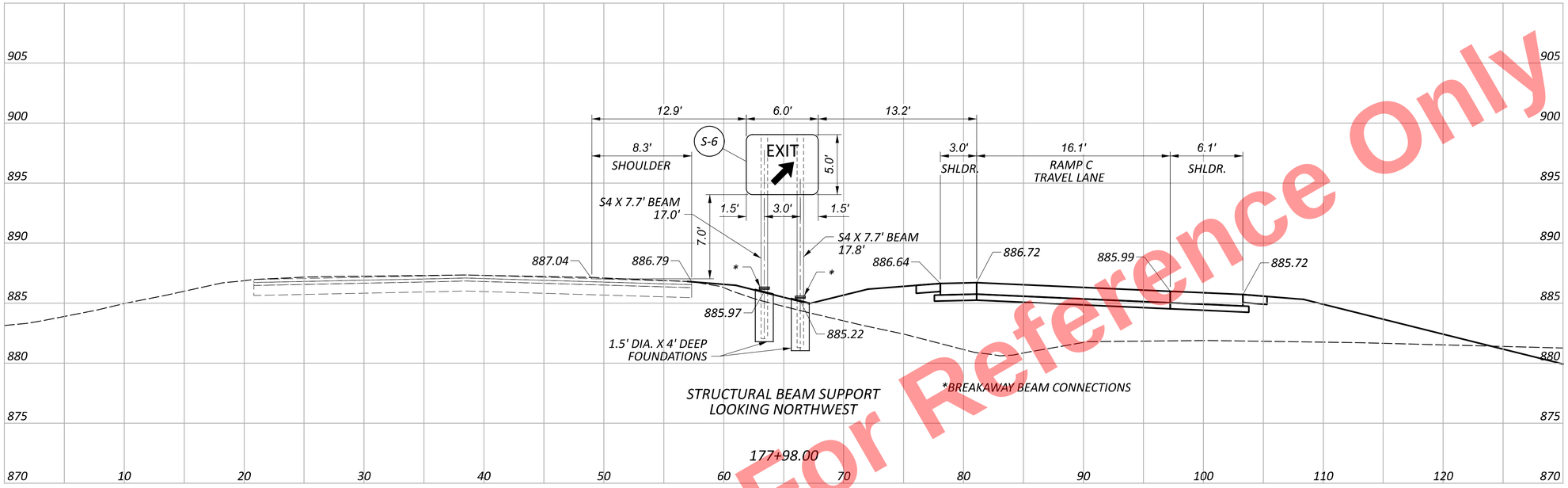
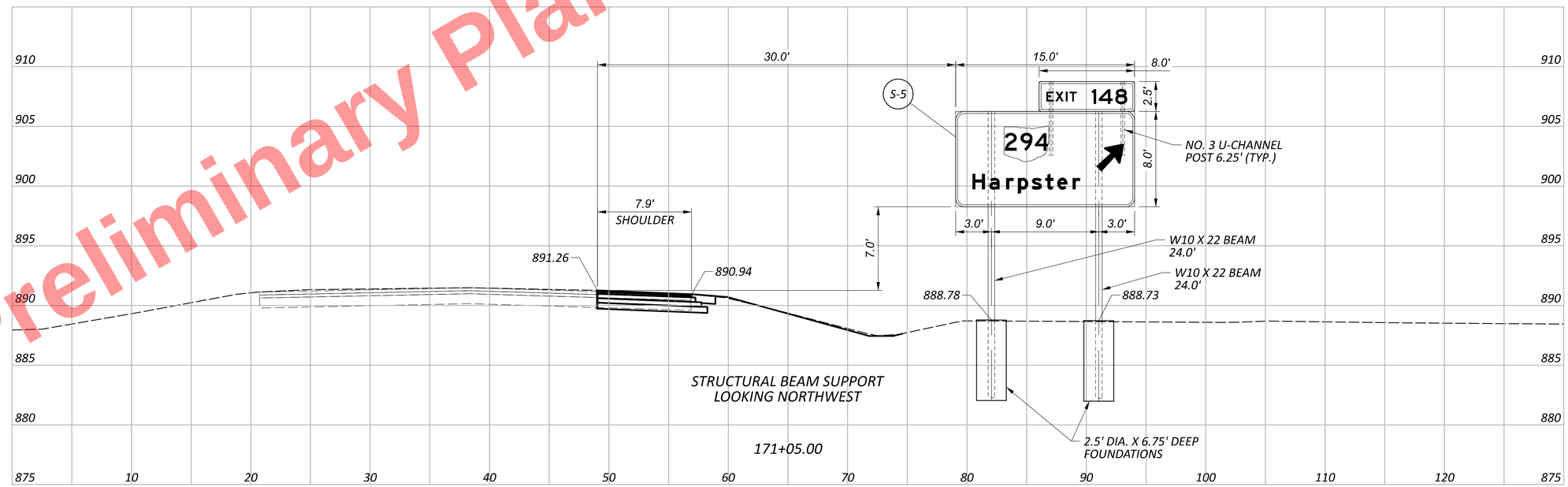
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER XXX
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.218 TOTAL 323





Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
US 23

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER
CJS

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.219 | TOTAL 323

WYA-23-3.47

MODEL: 121424_TE102 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:51:12 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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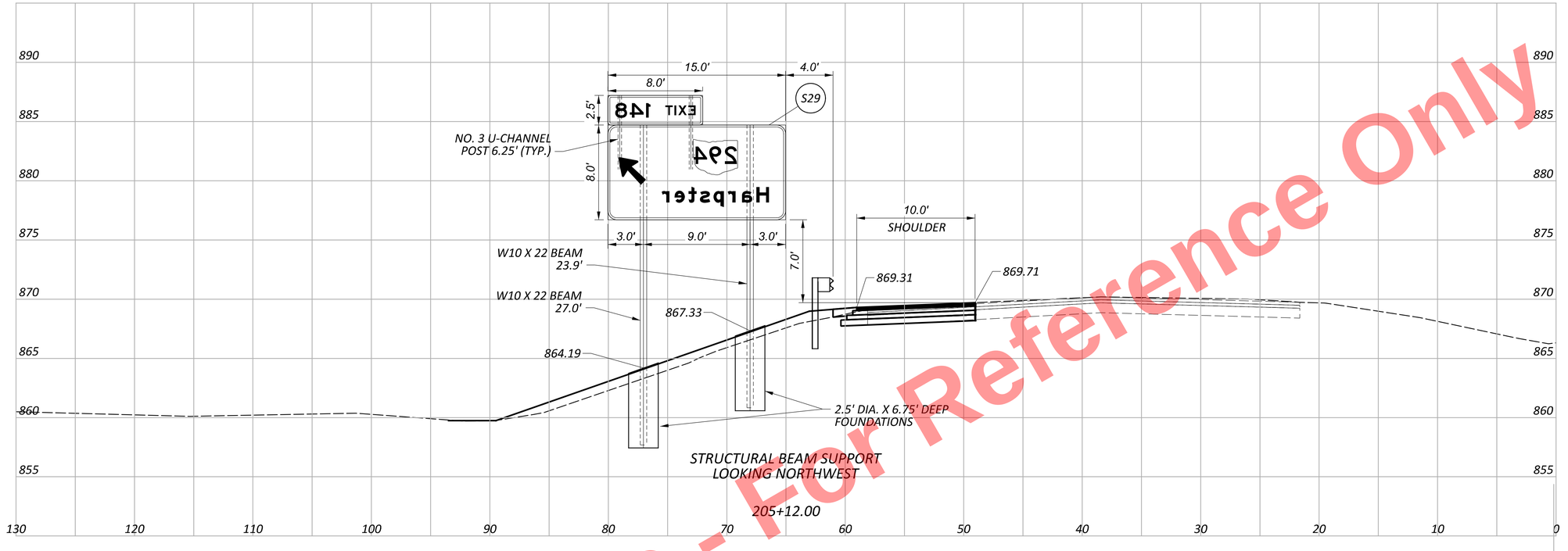
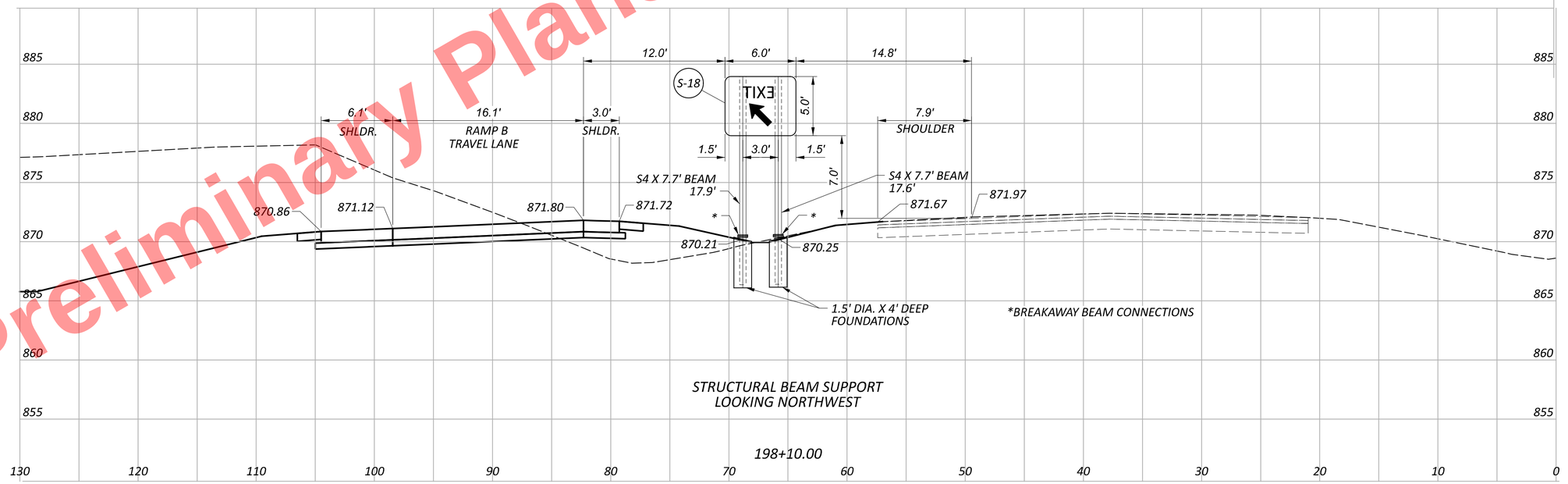


STRUCTURAL BEAM SUPPORT
LOOKING NORTHWEST

205+12.00



STRUCTURAL BEAM SUPPORT
LOOKING NORTHWEST

198+10.00

Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
US 23

WYA-23-3.47

MODEL: 121424_TE103 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:51:25 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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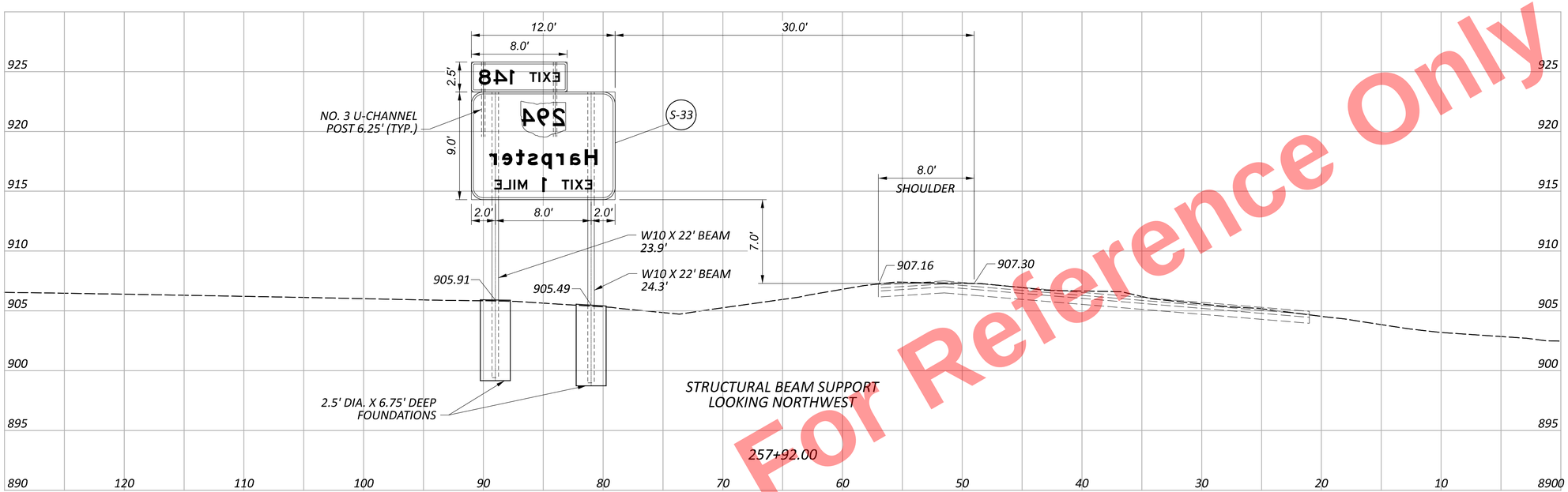
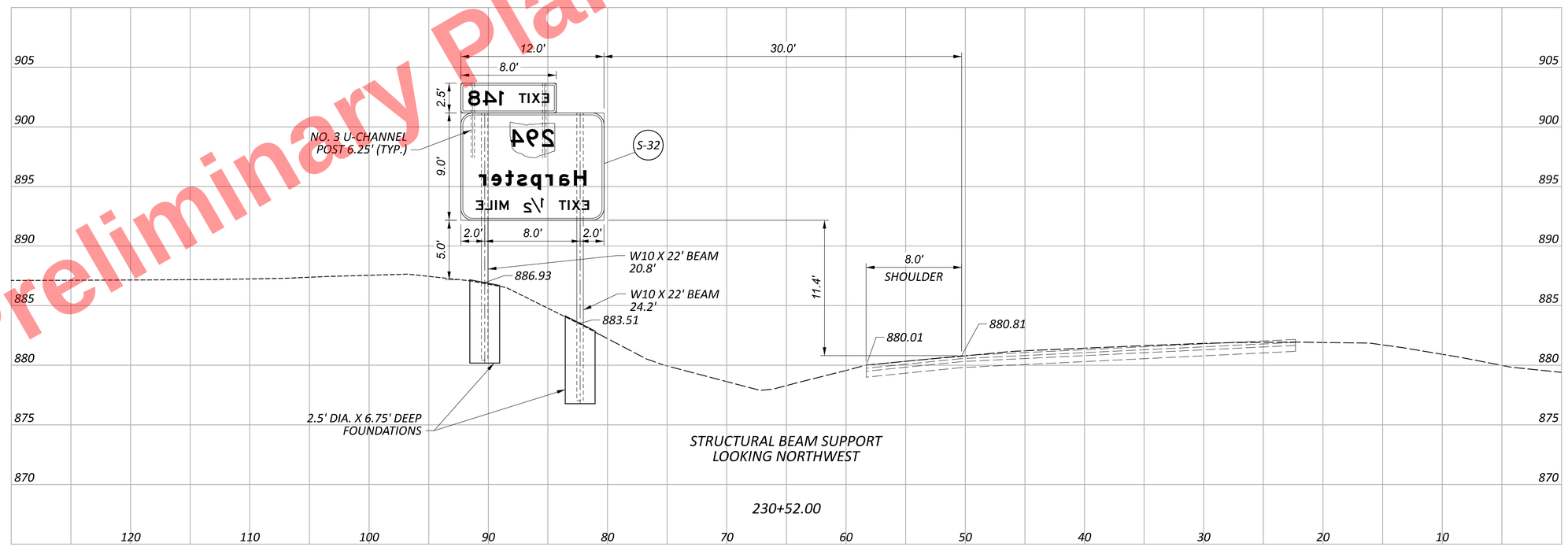
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER CJS
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.220 TOTAL 323





Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
US 23

WYA-23-3.47

MODEL: 121424_TE104 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:51:50 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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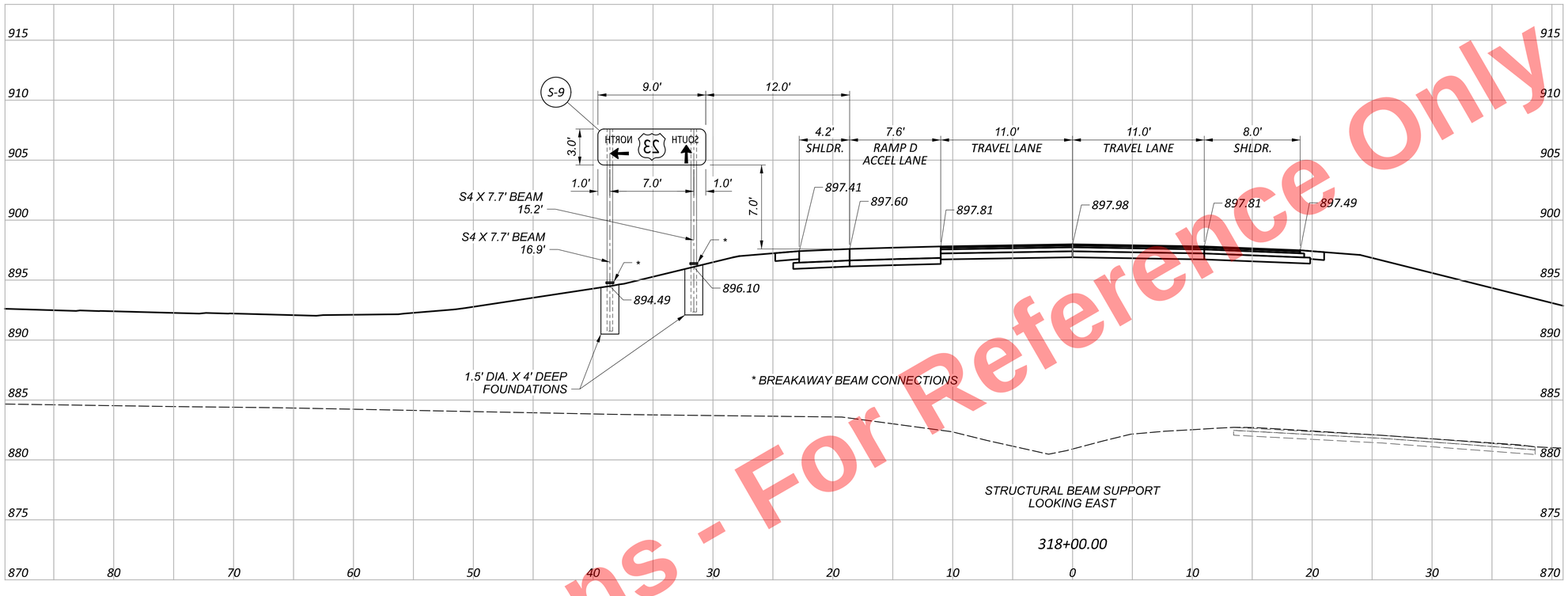
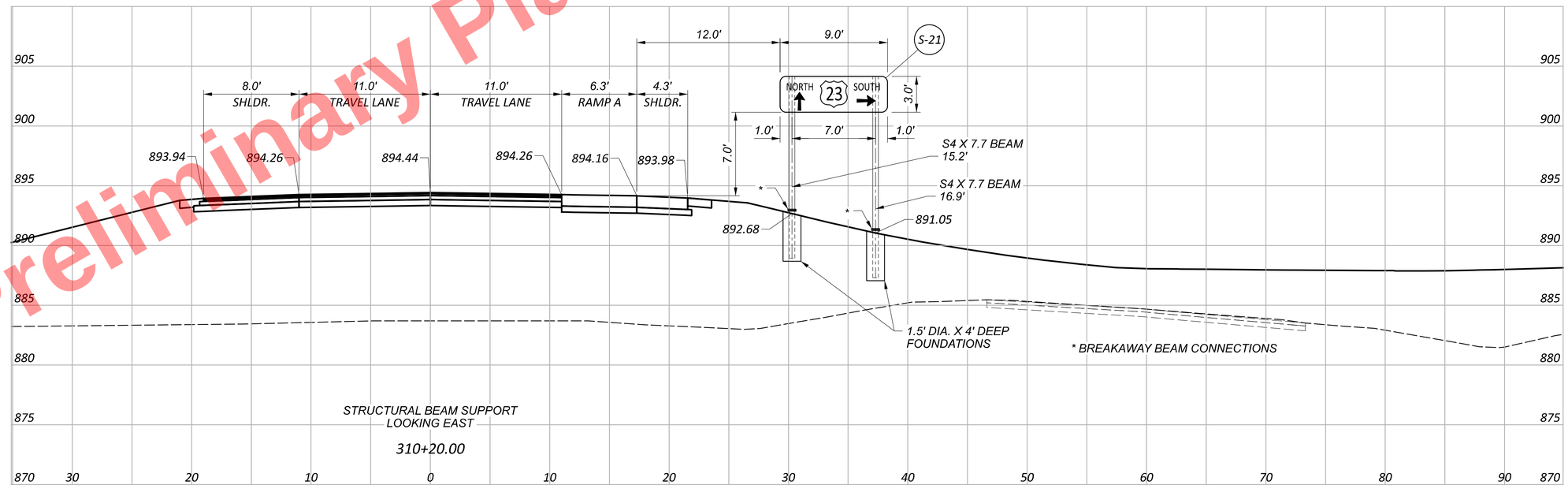
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER XXX
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.221 TOTAL 323





Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
SR 294

WYA-23-3.47

MODEL: 121424_TE201 PAPERSIZE: 17X11 (in.) DATE: 2/13/2026 TIME: 1:52:00 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Traffic\Sheets\121424_TE201.dgn

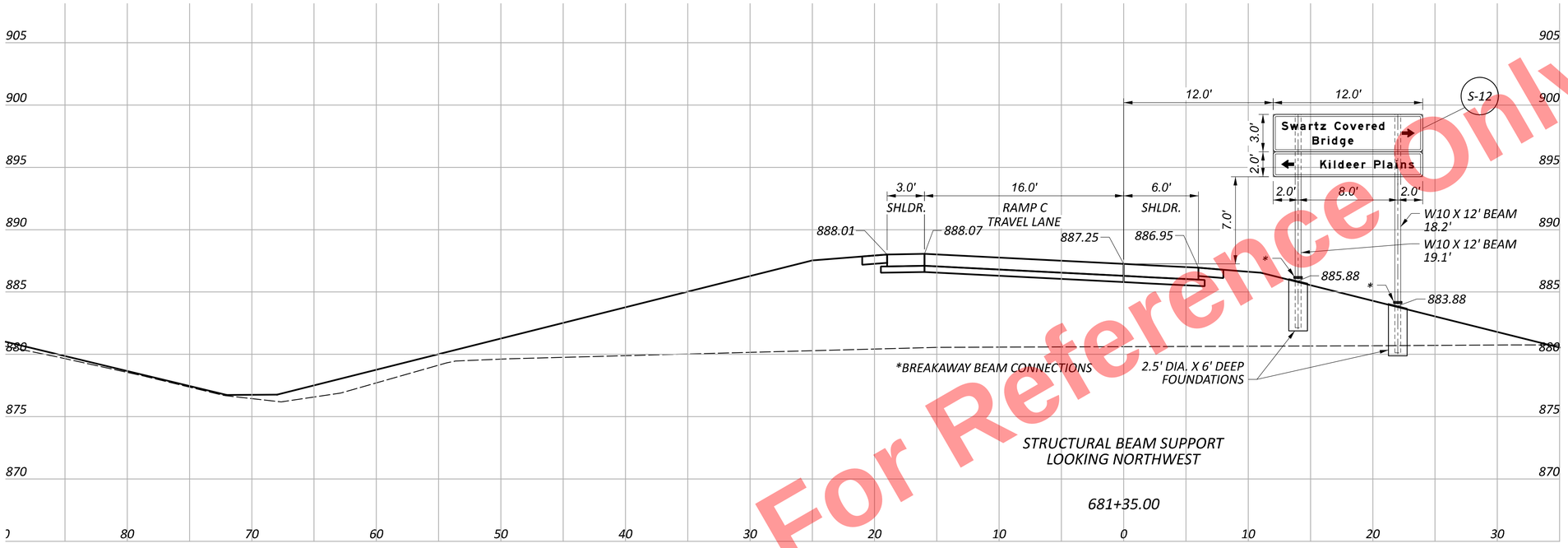
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

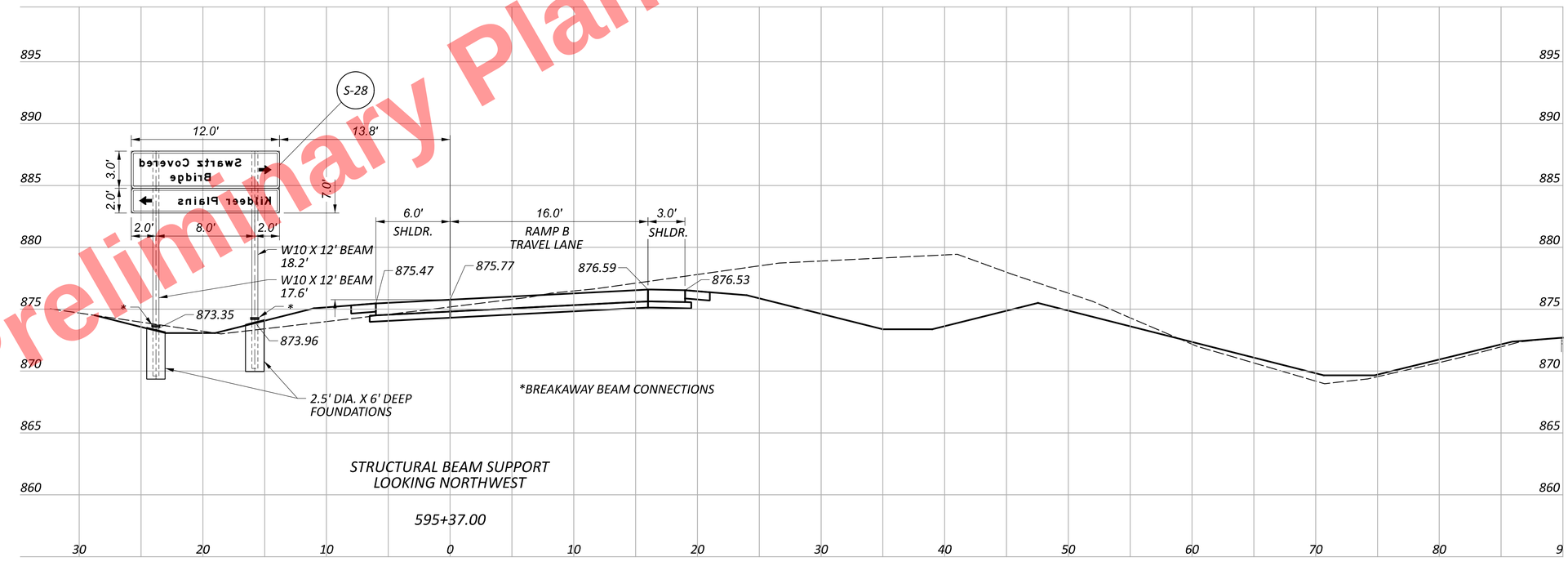
DESIGNER
KRF

REVIEWER
ACF 02/13/26

PROJECT ID
121424

SHEET P.222 | TOTAL 323





Preliminary Plans - For Reference Only

GUIDE SIGN ELEVATION DETAILS
RAMP B & RAMP C

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER XXX
REVIEWER ACF 02/13/26
PROJECT ID 121424
SHEET P.223 TOTAL 323

WYA-23-3.47

MODEL: 121424_TE301 PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 1:52:13 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SHEET NO.	REFERENCE NO.	LOCATION	STATION TO STATION			SIDE	621 RPM 2-WAY (WHITE/RED) EACH	621 RPM 2-WAY (YELLOW/YELLOW) EACH	621 RPM 2-WAY (YELLOW/RED) EACH		642 EDGE LINE, 6", TYPE 1 (WHITE) MILE	642 EDGE LINE, 6", TYPE 1 (YELLOW) MILE	642 LANE LINE, 6", TYPE 1 MILE	642 CENTER LINE, TYPE 1 (DOUBLE-SOLID) MILE	642 CHANNELIZING LINE, 12", TYPE 1 FT	642 STOP LINE, TYPE 1 FT	642 DOTTED LINE, 8", TYPE 1 FT	642 WRONG WAY ARROW, TYPE 1 EACH						
206 - 208, 210, 215	ELW1	US 23	155+12		305+25 "SR 294"	LT/RT					0.79													
206 - 208, 210 - 213	ELY1	US 23	155+12		232+75	LT						1.47												
206 - 208, 210 - 213	LL1	US 23	155+12		232+25	LT	97						1.46											
206 - 208, 216	ELW2	US 23	155+12		326+00 "SR 294"	RT					0.70													
206 - 208, 210 - 213	ELY2	US 23	155+12		232+75	RT						1.47												
206 - 208, 210 - 213	LL2	US 23	155+12		232+70	RT	98						1.47											
207 - 208	DL1	US 23	166+88		177+38	LT	18											1050.2						
207	DL2	US 23	171+05		174+36	RT	6											331.3						
207 - 208	CH1	US 23	174+36		177+25	RT	8										289.0							
207 - 208	CH2	US 23	174+36		677+24 "RAMP C"	RT	8										290.1							
208	CH3	US 23	177+38		181+50	LT	11										411.7							
208	CH4	US 23	177+38		481+48 " RAMP A"	LT	11										412.4							
208, 210	ELW3	US 23	177+25		195+94	RT					0.35													
208, 210	ELY3	RAMP A	481+48		310+15 "SR 294"	LT			19			0.21												
208, 210	ELW4	US 23	181+50		198+92	LT					0.33													
208	ELY4	RAMP C	677+24		318+33 "SR 294"	RT			16			0.16												
208	WWA1	RAMP C	682+00			LT														1				
208	WWA2	RAMP C	684+92			LT														1				
208	SL1	RAMP C	685+01		685+30	LT/RT												84.1						
208, 210	CL2	SR 294	310+15		318+04	C		10						0.15										
208, 210 - 213, 216 - 217	ELW5	TR 127	917+00		233+06 "US 23"	LT/RT					1.37													
208, 210	ELW7	SR 294	310+15		318+33	RT					0.15													
208, 210	ELW8	SR 294	309+87		318+04	LT					0.15													
208, 210	ELY5	SR 294	318+04		795+96 "RAMP D"	RT			20			0.22												
208, 216	CL3	SR 294	319+35		324+76	C		7						0.10										
210, 215	CL1	SR 294	305+25		308+85	C		5						0.07										
210 - 213, 215	ELW6	SR 294	305+25		232+46 "US 23"	LT					0.84													
210	ELY6	SR 294	309+87		598+93 "RAMP B"	LT/RT			15			0.15												
210	SL2	RAMP B	591+42		591+71	LT/RT												85.1						
210	WWA3	RAMP B	591+80			RT														1				
210	WWA4	RAMP B	597+50			RT														1				
210	CH6	US 23	195+94		200+60	RT	12										466.0							
210	CH7	RAMP D	795+96		200+60 "US 23"	RT	12										466.7							
210	CH8	US 23	198+92		201+81	LT	8										289.0							
210	CH9	RAMP B	598+93		201+81 "US 23"	LT	8										290.0							
210 - 211	DL3	US 23	201+81		205+12	LT	6												331.3					
210 - 211	DL4	US 23	200+60		210+60	RT	17												1000.2					
213 - 214	ELW10	US 23	233+23		244+39	LT					0.21													
213 - 214	LL3	US 23	233+53		244+39	LT	14						0.21											
213 - 214	ELY7	US 23	233+55		244+39	LT						0.21												
213 - 214	ELY8	US 23	233+55		244+39	RT						0.21												
213 - 214	ELW11	US 23	233+78		244+39	RT					0.20													
213 - 214	LL4	US 23	234+00		244+39	RT	14						0.20											
216	CL4	SR 294	325+94		326+00	C		1						0.01										
216	SL3	TR 127	900+31			LT												19.0						
216 - 217	CL5	TR 127	900+31		917+00	C		39						0.32										
216 - 217	ELW9	TR 127	326+00 "SR 294"		917+00	LT/RT					0.33													
SUBTOTALS							348	62	70		5.44	4.10												
TOTALS CARRIED TO GENERAL SUMMARY							480				9.53		3.33	0.65	2915.0	188.2	2712.8	4						

Preliminary Plans - For Reference Only

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 160 Grandview Heights, Ohio
DESIGNER KRF
REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.224 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:25:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Traffic\Sheets\121424_TS001.dgn

SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	630 REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	630 REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	630 REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	630 REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL
					EACH	EACH	EACH	EACH
206	SR-1	US 23	±160+00	R			1	2
207	SR-2	US 23	169+26.12	R	3			
209	SR-3	US 23	177+49.19	R	1			2
209	SR-4	US 23	184+62.17	L	1			
209	SR-5	US 23	184+09.10	R	2			
209	SR-6	US 23	184+62.17	L	2			
209	SR-7	US 23	185+82.52	R	1			
209	SR-8	US 23	185+83.21	R	2			
209	SR-9	US 23	185+93.78	L	1			
209	SR-10	US 23	185+93.99	R	1			
209	SR-11	US 23	185+96.18	L	1			
209	SR-12	US 23	185+97.97	L	1			2
209	SR-13	US 23	186+42.13	R	2			
209	SR-14	US 23	186+48.25	L	2			
209	SR-15	US 23	186+72.86	R	1			
209	SR-16	US 23	186+82.70	R	1			2
209	SR-17	US 23	186+87.57	L	1			
209	SR-18	US 23	186+91.98	R	1			
209	SR-19	US 23	187+11.72	L	1			
209	SR-20	US 23	187+14.75	L	2			
209	SR-21	US 23	187+64.96	L	2			
209	SR-22	US 23	188+35.36	R	2			
209	SR-23	US 23	188+84.73	L	2			
209	SR-24	SR 294	312+25.06	L	1			
209	SR-25	SR 294	312+39.40	L	1			
209	SR-26	SR 294	317+18.89	L	1			
209	SR-27	SR 294	317+91.15	L	2			
209	SR-28	SR 294	319+18.54	R	2			
209	SR-29	SR 294	319+81.56	R	1			
209	SR-30	SR 294	320+24.00	L		2		
209	SR-31	SR 294	320+41.72	L	1			
210	SR-32	US 23	191+98.47	L	1			2
210	SR-33	US 23	197+53.57	R	1			
210	SR-34	US 23	198+53.88	L	3			
210	SR-35	SR 294	309+93.95	L	1			
210	SR-36	SR 294	311+19.81	L	2			
211	SR-37	US 23	210+49.30	R		1		
211	SR-38	US 23	211+44.61	L		1		
211	SR-39	US 23	212+09.09	R		1		
211	SR-40	US 23	212+12.58	L		1		
211	SR-41	US 23	213+40.14	L			1	2
215	SR-42	SR 294	306+80.06	L	1			
215	SR-43	SR 294	306+81.27	R	1			
216	SR-44	SR 294	322+14.97	R	1			
216	SR-45	SR 294	322+15.61	L	1			
TOTALS CARRIED TO GENERAL SUMMARY					54	6	2	12

Preliminary Plans - For Reference Only

SIGNINNG REMOVAL SUBSUMMARY

WYA-23-3.47
MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 3:22:25 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 10.12.02.4
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio
DESIGNER
KRF
REVIEWER
ACF 02/13/26
PROJECT ID
121424
SHEET P.225 TOTAL 323

SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630 GROUND MOUNTED SUPPORT, NO. 2 POST FT	630 GROUND MOUNTED SUPPORT, NO. 3 POST FT	630 GROUND MOUNTED SUPPORT, NO. 4 POST FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 FT	630 SIGN POST REFLECTOR EACH	630 BREAKAWAY STRUCTURAL BEAM CONNECTION EACH	630 SIGN, FLAT SHEET SF	630 SIGN, GROUND MOUNTED EXTRUSHEET SF	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION EACH
206	S-1	US 23	118+25	RT		144x108					24.3 /23.9			2		108.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
206	S-2	US 23	144+65	RT		144x108					23.7 / 22.5			2		108.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
206	S-3	US 23	156+88	LT	M3-4-36	36x18			16.5						4.5		
					M1-5-36	36x36									9.0		
206	S-4	US 23	161+88	LT	R2-1-48	48x60			17.8 / 18.6						20.0		
206	S-5	US 23	171+05	RT		180x96					24.0 / 24.0			2		120.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
207	S-6	US 23	177+98	RT	E5-H1-72	72x60				17.0 / 17.8					30.0		2
207	S-7	US 23	183+00	LT	W4-1R-48	48x48		16.6 / 17.4							16.0		
	S-8	NOT USED															
207	S-9	SR 294	318+00	LT	M2-H4-108	108x36				15.2 / 16.9				2		27.0	2
207	S-10	SR 294	318+00	RT	M3-1-24	24x12		13.1							2.0		
					M1-4-24	24x24									4.0		
					M6-1-21	21x15									2.2		
207	S-11	SR 294	318+96	LT	M1-5-30	30x24	12.5								5.0		
					M6-4-21	21x15									2.2		
207	S-12	RAMP C	681+35	RT	D7-H15-144	144x60						18.2/19.1		2		60.0	2
207	S-13	RAMP C	682+35	RT	R5-1-36	48x48		15.6 / 16.2					2		16.0		
					R5-1a-42	42x30							2		8.75		
207	S-14	RAMP C	682+35	LT	R5-1-36	48x48		16.0 / 16.6					2		16.0		
					R5-1a-42	42x30							2		8.75		
207	S-15	RAMP C	684+85	RT	R1-1-48	48x48		14.1 / 14.4					2		16.0		
					R5-1-36	36x36							2		9.0		
					R6-1R-54	54x18		3.75							6.75		
					R6-1L-54	54x18									6.75		
207	S-16	RAMP C	685+11	LT	R1-1-48	48x48		15.0 / 15.6					2		16.0		
					R5-1-36	36x36							2		9.0		
					R6-1R-54	54x18		3.75							6.75		
					R6-1L-54	54x18									6.75		
209	S-17	US 23	194+44	RT	W4-1R-48	48x48		15.9 / 16.1							16.0		
	S-18	US 23	198+18	LT	E5-H1-72	72x60				17.9 / 17.6				2	30.0		2
209	S-19	SR 294	307+80	LT	M1-5-30	30x24	12.7								5.0		
					M3-4-24	24x12									2.0		
209	S-20	SR 294	309+25	RT	M1-5-30	30x24	12.3								5.0		
					M6-4-21	21x15									2.2		
209	S-21	SR 294	310+20	RT	M2-H4-108	108x36				15.2 / 16.9				2		27.0	2
209	S-22	SR 294	310+20	LT	M3-3-24	24x12		13.4							2.0		
					M1-4-24	24x24									4.0		
					M6-1-21	21x15									2.2		
	S-23	NOT USED															
SUBTOTALS CARRIED TO NEXT SHEET							37.5	274.6	52.7	134.4	168.0	42.3	16	14	290.0	510.0	16

Preliminary Plans - For Reference Only

SIGNING SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 160 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.226 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 4:53:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: cstade@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Traffic\Sheets\121424_TS102.dgn

SHEET NO.	REFERENCE NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630 GROUND MOUNTED SUPPORT, NO. 2 POST FT	630 GROUND MOUNTED SUPPORT, NO. 3 POST FT	630 GROUND MOUNTED SUPPORT, NO. 4 POST FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 FT	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 FT	630 SIGN POST REFLECTOR EACH	630 BREAKAWAY STRUCTURAL BEAM CONNECTION EACH	630 SIGN, FLAT SHEET SF	630 SIGN, GROUND MOUNTED EXTRUSHEET SF	630 GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION EACH
209	S-24	RAMP B	591+60	RT	R1-1-48	48x48		15.2 / 15.7					2		16.0		
					R5-1-36	36x36							2		9.0		
					R6-1R-54	54x18		3.75							6.75		
					R6-1L-54	54x18									6.75		
209	S-25	RAMP B	591+87	LT	R1-1-48	48x48		13.9 / 14.3					2		16.0		
					R5-1-36	36x36							2		9.0		
					R6-1R-54	54x18		3.75							6.75		
					R6-1L-54	54x18									6.75		
209	S-26	RAMP B	594+37	RT	R5-1-36	48x48		15.6 / 16.3					2		16.0		
					R5-1a-42	42x30							2		8.75		
209	S-27	RAMP B	594+37	LT	R5-1-36	48x48		16.1 / 16.5					2		16.0		
					R5-1a-42	42x30							2		8.75		
209	S-28	RAMP B	595+37	RT	D7-H15-144	144x60						18.2 / 17.6		2		60.0	2
210	S-29	US 23	205+12	LT		180x96					27.0 / 23.9			2		120.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
211	S-30	US 23	215+60	RT	R2-1-48	48x60			19.2 / 20.6						20.0		
211	S-31	US 23	220+60	RT	M3-1-36	36x18			16.4						4.5		
					M1-5-36	36x36									9.0		
212	S-32	US 23	230+52	LT		144x108					20.8 / 24.2			2		108.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
213	S-33	US 23	257+92	LT		144x108					23.9 / 24.3			2		108.0	2
					E1-H5P-96	96x30		6.25 / 6.25								20.0	
214	S-34	SR 294	304+60	RT	M2-1-21	21x15	12.6								2.2		
					M1-4-24	24x24									4.0		
214	S-35	SR 294	305+50	LT	R2-1-30	30x36		13.0							7.5		
214	S-36	SR 294	306+60	RT	D1-H1a-72	24x72	12.3 / 12.4								12.0		
214	S-37	SR 294	306+80	LT	W2-1-30	30x30	13.7						1		6.25		
214	S-38	SR 294	306+80	RT	W2-1-30	30x30	14.3						1		6.25		
215	S-39	SR 294	321+35	LT	D1-H1a-72	24x72	12.7 / 13.7								12.0		
215	S-40	SR 294	321+45	RT	M1-5-30	30x24	12.7								5.0		
					M3-2-24	24x12									2.0		
215	S-41	SR 294	322+45	RT	R2-1-30	30x36	12.6								7.5		
215	S-42	SR 294	304+60	LT	M2-1-21	21x15	12.9								2.2		
					M1-4-24	24x24									4.0		
215	S-43	TR 127	900+31	RT	R1-1-36	36x36		12.9						1	9.0		
SUBTOTALS THIS SHEET							129.9	194.5	56.2	0.0	167.7	41.5	18	9	240.0	456.0	8
SUBTOTALS FROM PREVIOUS SHEET							37.5	274.6	52.7	134.4	168.0	42.3	16	14	290.0	510.0	16
TOTALS CARRIED TO GENERAL SUMMARY							167.4	469.1	108.9	134.4	335.7	83.8	34	23	530.0	966.0	24

Preliminary Plans - For Reference Only

SIGNING SUBSUMMARY

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER KRF

REVIEWER ACF 02/13/26

PROJECT ID 121424

SHEET P.227 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 4:54:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: cstade@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424402-Engineering_EL-Robinson\Traffic\Sheets\121424_TS103.dgn

ITEM 625 - LUMINAIRE, LOW MAST, SOLID-STATE (LED), AS PER PLAN, IES-V 31,000-49,087 LUMENS

IN ADDITION TO THE REQUIREMENTS OF CMS 625.08 AND 725.11 THE FOLLOWING IS ADDED.

STREETLIGHTING LUMINAIRES SHALL BE LED, 3,000K CCT, 7 CRI MIN., AND SHALL COMPLY WITH I.E.S. CLASSIFICATIONS FOR TYPE II OR TYPE III DISTRIBUTION. LUMINAIRES SHALL BE EQUIPPED WITH A PROPER SLIP FITTER TO MATCH THE POLE SPECIFIED AND SHALL INCLUDE A 240 VOLT DRIVER COMPLYING WITH 725.11C.

LUMINAIRES SHALL BE ONE OF THE FOLLOWING:

COOPER LIGHTING SOLUTIONS: CELESTEON LED SERIES
(CST-CA10-310-730-U-T5)

GENERAL ELECTRIC: EVOLVE LED SERIES
(ERHM03-50VW730_ELSO1_ERHM03-09-090-BLCK)

HOLOPHANE
HMLED4 P1 30K XXXXX AN

PAYMENT WILL BE MADE AT THE UNIT PRICE BID FOR EACH ITEM 625, "LUMINAIRE, LOW MAST, SOLID-STATE (LED), AS PER PLAN, IES-V, 31,000 LUMENS-49,087 LUMENS" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS REQUIRED FOR SATISFACTORY PERFORMANCE OF THIS WORK.

ITEM 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:

POWER COMPANY: AEP

ADDRESS: 38831 STATE ROUTE 7
REEDSVILLE, OH 45772

PHONE #: 740-985-3054

CONTACT NAME: CLARKE SAUNDERS

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.

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.

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL (CIRCUIT A)

ARC FLASH CALCULATIONS WILL BE REQUIRED FOR THE LIGHTING CONTROL CENTER (CC-A) AS PER SUPPLEMENTAL SPEC 825.

THE FOLLOWING ITEMS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 625 - ARC FLASH CALCULATIONS AND LABEL (CC-A)
1 EACH

Preliminary Plans - For Reference Only

WYA-23-3.47
MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:03 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Lighting\Sheets\121424_LN001.dgn

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER SWC
REVIEWER MJC 02/13/26
PROJECT ID 121424
SHEET P.228 TOTAL 323

LIGHTING SUBSUMMARY

625

REFERENCE NO.	SHEET NO.	SIDE	ROADWAY	STATION TO STATION	CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PERMANENT	LIGHT POLE, LOW MAST, ATLM50	LIGHT POLE FOUNDATION, 24" X 10' DEEP	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	CONDUIT, 2", 725.04	CONDUIT, 3", 725.04	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, IES-V 31,000-49,087 LUMENS	TRENCH	MEDIAN JUNCTION BOX	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	POWER SERVICE, AS PER PLAN	UNDERGROUND WARNING/ MARKING TAPE
					EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT
A1	P.230	LT	S.R. 294	308+50.00	2		1	1		150				1					1		
A1 - PB1	P.230	LT	S.R 294/RAMP B	308+50.00 592+17.40							108				98						98
PB1	P.230	LT	RAMP B	592+17.40		3												1			
PB1 - CCA	P.230	LT	RAMP B	592+17.40 592+18.16					72				14		14						14
CCA	P.230	LT	RAMP B	592+18.16																1	
PB1 - PB2	P.230	LT/RT	RAMP B	592+17.40 592+17.40					156				42		42						
PB2	P.230	RT	RAMP B	592+17.40		3											1				
PB2 - PB3	P.230	RT/LT	RAMP B/SR 294	592+17.40 310+50.00							156				146						146
A2	P.230	RT	S.R. 294	310+50.00	2		1	1		150				1					1		
A2 - PB4	P.230	RT	S.R. 294	310+50.00 310+50.00							19				9						9
PB4	P.230	RT	S.R. 294	310+50.00		3											1				
PB4 - PB3	P.230	RT/LT	S.R. 294	310+50.00 310+50.00					180				50		50						
PB3	P.230	LT	S.R. 294	310+50.00		3											1				
PB3 - PB5	P.230	LT	S.R. 294	310+50.00 312+24.62							185				175						175
PB5	P.230	LT	S.R. 294	312+24.62		3											1				
PB5 - JB1	P.230	LT	S.R. 294	312+24.62 312+78.32					216			62			62						
JB1	P.230	LT	S.R. 294	312+78.32												1					
JB1-JB2	P.230	LT	S.R. 294	312+78.32 313+78.32					330			100			100						
JB2	P.230	LT	S.R. 294	313+78.32												1					
JB2-JB3	P.230-P.231	LT	S.R. 294	313+78.32 314+78.32					330			100			100						
JB3	P.231	LT	S.R. 294	314+78.32												1					
JB3-PB6	P.231	LT	S.R. 294	314+78.32 315+37.71					234			68			68						
PB6	P.231	LT	S.R. 294	315+37.71		3											1				
PB6-A3	P.231	LT	S.R. 294	315+37.71 317+75.30							254				244						244
A3	P.231	LT	S.R. 294	317+75.30	2		1	1		150				1					1		
A3 - PB7	P.231	LT	S.R 294/RAMP D	317+75.30 784+51.14							71				61						61
PB7	P.231	LT	RAMP D	784+51.14		3											1				
PB7 - PB8	P.231	LT/RT	RAMP D	784+51.14 784+51.14					159				43		43						
PB8	P.231	RT	RAMP D	784+51.14		3											1				
PB8 - PB9	P.231	RT/LT	RAMP D/SR 294	784+51.14 319+49.94							122				112						112
PB9	P.231	LT	S.R. 294	319+49.94		3											1				
PB9 - PB10	P.231	LT/RT	S.R. 294	319+49.94 319+49.82					177				49		49						
PB10	P.231	RT	S.R. 294	319+49.82		3											1				
PB10-A4	P.231	RT	S.R. 294	319+49.82 319+50.00							18				8						8
A4	P.231	RT	S.R. 294	319+50.00	2		1	1		150				1					1		
TOTALS CARRIED TO GENERAL SUMMARY					8	30	4	4	1854	600	933	330	198	4	1381	3	9	1	4	1	867

Preliminary Plans - For Reference Only

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER SWC

REVIEWER MJC 02/13/26

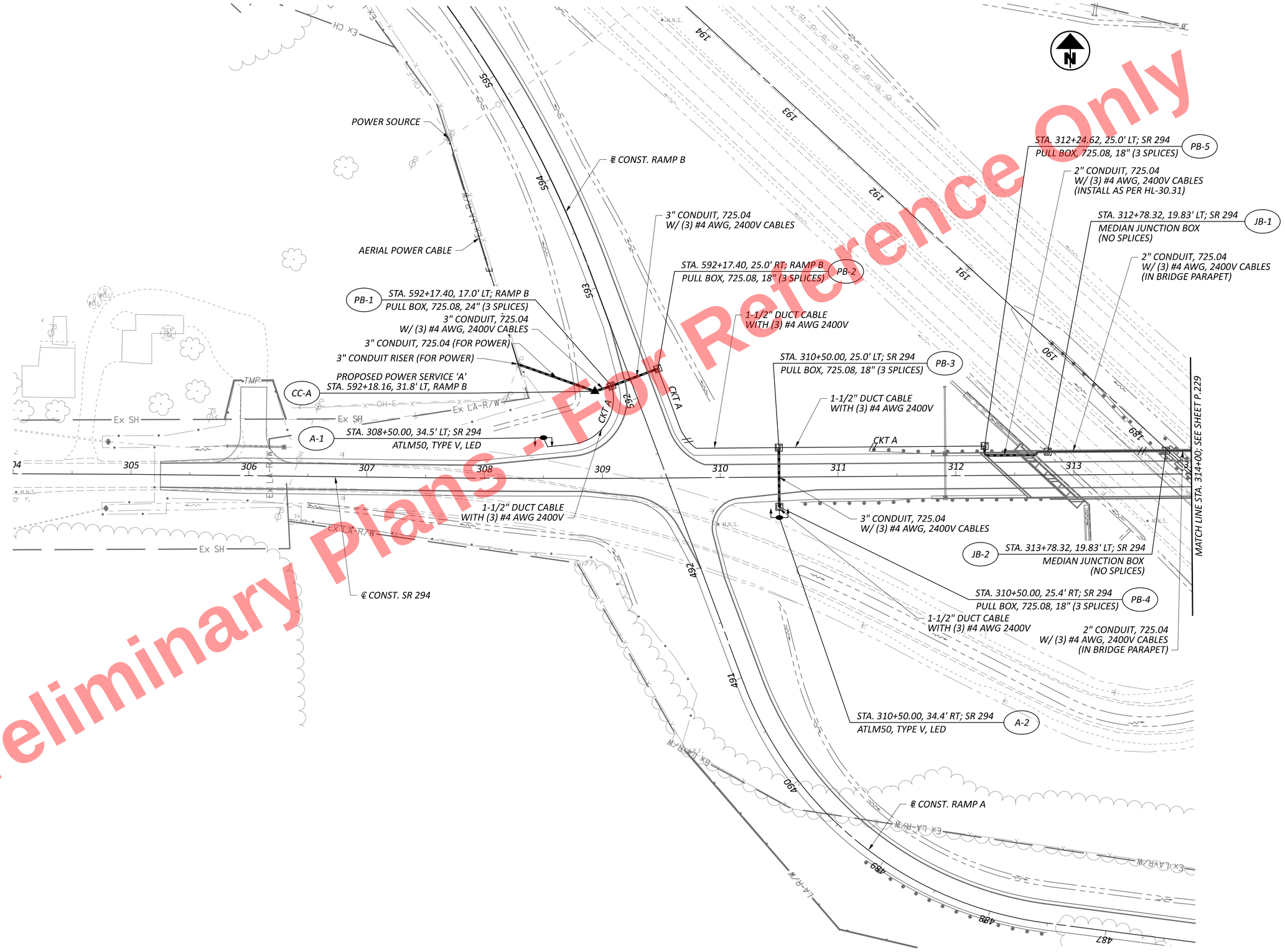
PROJECT ID 121424

SHEET P.229 | TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:12 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402-Engineering_EL-Robinson\Lighting\Sheets\121424_LS001.dgn

Preliminary Plans - For Reference Only



HORIZONTAL SCALE IN FEET
0 20 40 80

LIGHTING PLAN
STA. 304+00 TO 314+00

WYA-23-3.47

MODEL: CLP_SR294 - Plan 1 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:23 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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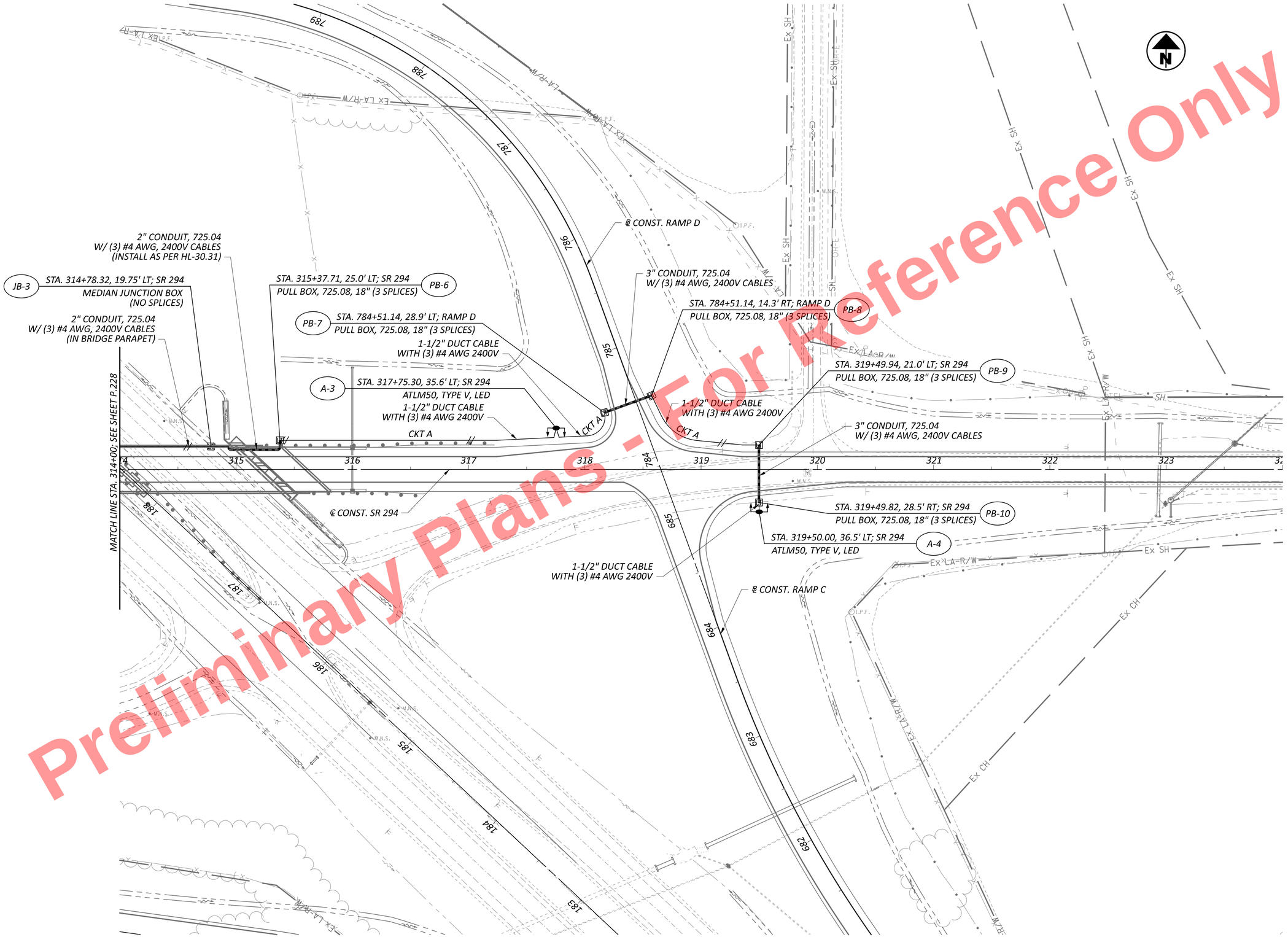
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER: SWC
REVIEWER: MJC 02/13/26
PROJECT ID: 121424
SHEET: P.230 | TOTAL: 323



Preliminary Plans - For Reference Only

HORIZONTAL
SCALE IN FEET
0 20 40 80

LIGHTING PLAN
STA. 314+00 TO 324+00

WYA-23-3.47

MODEL: CLP_SR294 - Plan 2 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
550 Goodale Blvd, Suite 180
Grandview Heights, Ohio

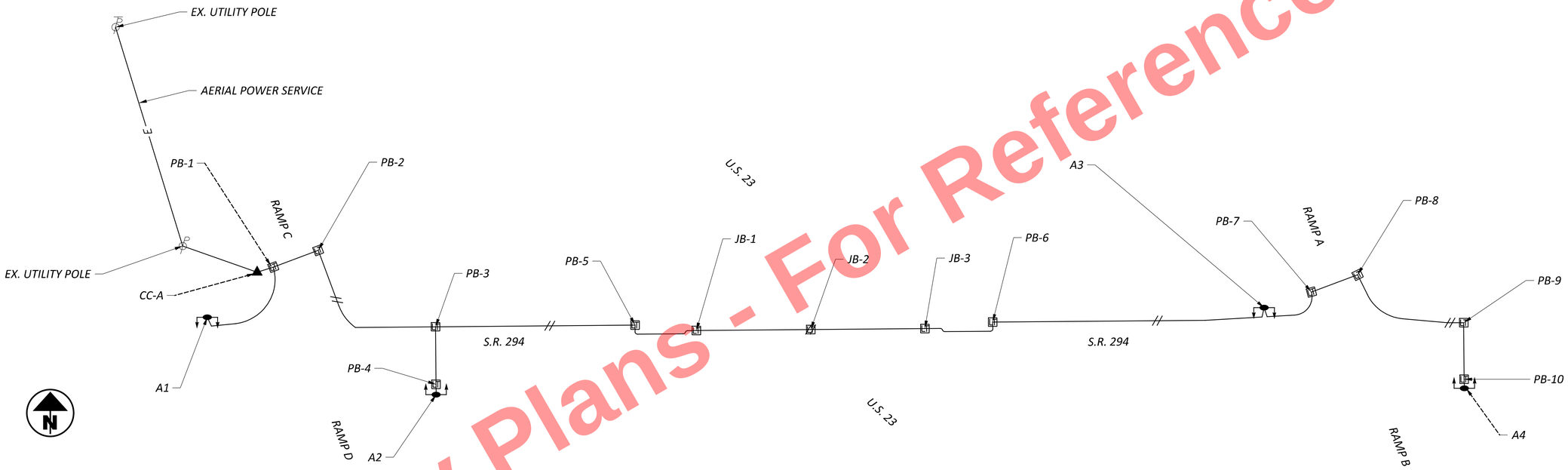
DESIGNER
SWC

REVIEWER
MJC 02/13/26

PROJECT ID
121424

SHEET P.231 | TOTAL 323

Section			Amperes		Ampere-Feet	AWG	Voltage Drop		% Drop	At Point
From	To	Design Feet	At Point	Accum.			In Section	Accum.		
A4	A3	393	0.72	0.72	281	4	0.17	1.21	0.25	A4
A3	PB-3	829	0.72	1.43	1,185	4	0.73	1.04	0.22	A3
PB-3	PB-1	203	0.72	2.15	435	4	0.27	0.31	0.06	PB-3
PB-1	CC-A	20	0.72	2.86	57	4	0.04	0.04	0.01	PB-1



CONTROL CENTER DATA									
CONTROL CENTER	LINE VOLTAGE (VOLTS)	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE-AWG	ENCLOUSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD (AMPS)	CIRCUIT FUSE SIZE (AMPS)	CIRCUIT CABLE SIZE (AWG)	MAINTAINING AGENCY
PROPOSED CC-A (RAMP B)	480	1.37	4	60	A	3.58	20	4	ODOT

Preliminary Plans - For Reference Only

CIRCUIT DIAGRAM
CIRCUIT A

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:44 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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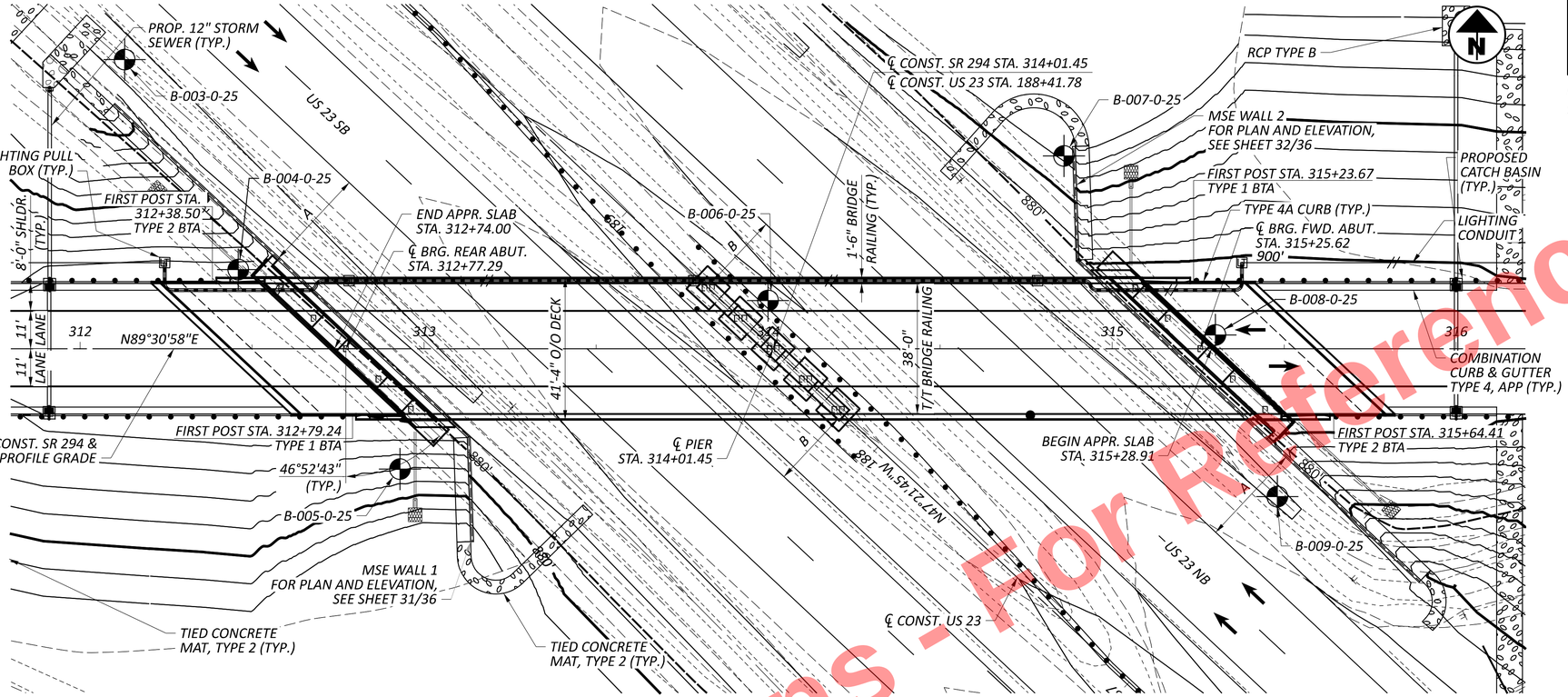
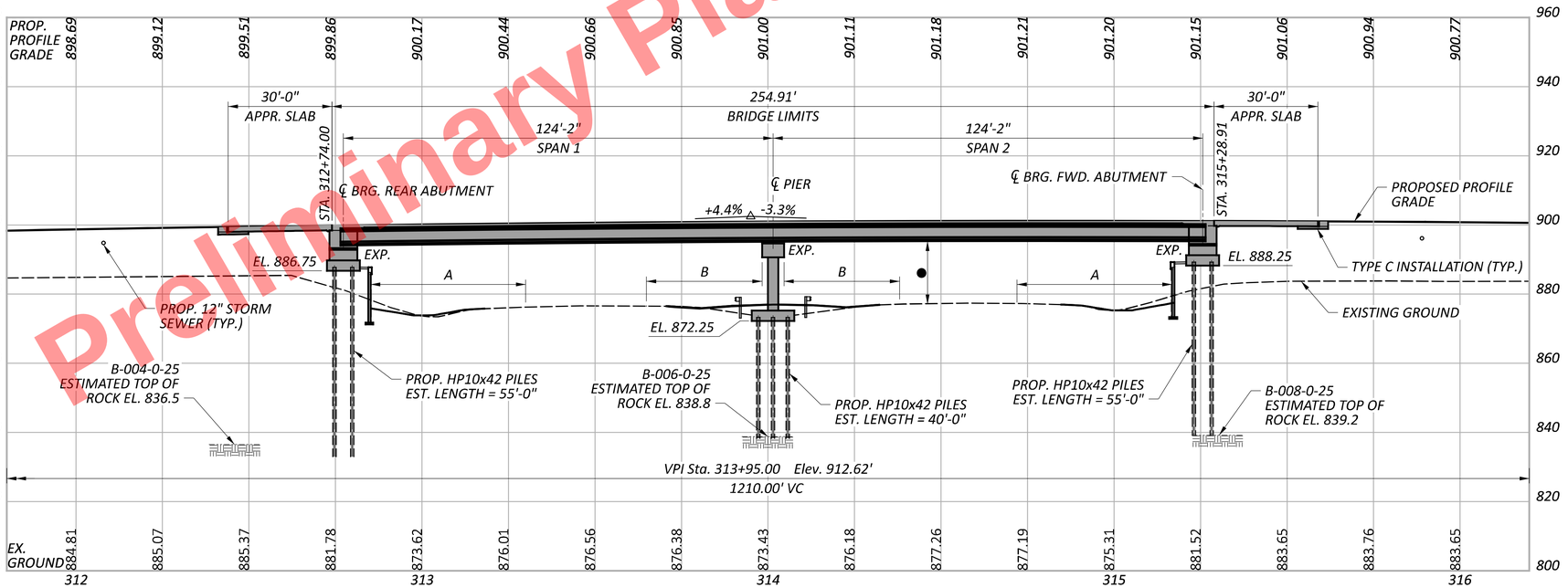
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER SWC
REVIEWER MJC 02/13/26
PROJECT ID 121424
SHEET P.232 TOTAL 323



PLAN



PROFILE ALONG ℄ CONSTRUCTION SR 294

BENCHMARK DATA

BM #1 STA.	301+46.47	ELEV.	856.20	OFFSET	39.99'	LT.
BM #2 STA.	302+49.81	ELEV.	854.78	OFFSET	44.23'	RT.
BM #3 STA.	308+05.44	ELEV.	884.32	OFFSET	10.29'	LT.
BM #4 STA.	319+79.90	ELEV.	884.14	OFFSET	17.85'	RT.

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEETS.

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES TO CONFORM TO PLAN CROSS SECTIONS.

DESIGN TRAFFIC:
2028 ADT = 430 2028 ADTT = 48
2048 ADT = 460 2048 ADTT = 51
DIRECTIONAL DISTRIBUTION = 60%

LEGEND

- ● - MINIMUM VERTICAL CLEARANCE: 17'-2" PROVIDED, 16'-6" REQUIRED
- A - OUTSIDE LATERAL CLEARANCE: 30'-2" PROVIDED, 30'-0" REQUIRED
- B - INSIDE LATERAL CLEARANCE: 22'-10" PROVIDED, 15'-0" REQUIRED
- ⊕ - BORING LOCATION

PROPOSED STRUCTURE

TYPE: TWO-SPAN PRESTRESSED CONCRETE I-BEAMS WITH REINFORCED DECK ON SEMI-INTEGRAL ABUTMENTS ON MSE WALLS AND PILES TO ROCK AND CAP-AND-COLUMN PIER ON PILES TO ROCK

SPANS: 2 @ 124'-2" C/C BEARING
ROADWAY: 38'-0" TOE/TOE OF BRIDGE RAILING
LOADING: HL93 AND 60 PSF FUTURE WEARING SURFACE
SKEW: 46°52'43" R.F.
WEARING SURFACE: 1" MONOLITHIC CONCRETE
APPROACH SLABS: 30'-0" LONG W/ TYPE C INSTALLATION (AS-1-15, AS-2-15)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
DECK AREA: 10,537 SF
COORDINATES: LATITUDE: N 40°44'18.37"
LONGITUDE: W 83°12'34.08"

SITE PLAN
BRIDGE NO. WYA-0023-03.470
SR 294 OVER US 23

SFN	8803902
DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St. Suite 800 Cleveland, Ohio
	950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER	FIB
CHECKER	TAS
REVIEWER	RER 02/13/26
PROJECT ID	121424
SUBSET	1
TOTAL	36
SHEET	P.233
TOTAL	323

WYA-23-3.47

Preliminary Plans - For Reference Only

MODEL: CLP_SR294 - SR 294 Plan View PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:09:33 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\402 Engineering_EL-Robinson\Structures\SFN_8803902\Sheets\121424_SFN_8803902_SP001.dgn

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

AS-1-15	REVISED	1/20/2023
AS-2-15	REVISED	7/21/2023
BP-5.1	REVISED	1/17/2025
DM-1.1	REVISED	7/17/2025
HL-30.41	REVISED	1/17/2025
HL-50.21	REVISED	7/18/2025
ITS-14.50	REVISED	1/17/2025
PSID-1-13	REVISED	7/19/2024
SBR-1-20	REVISED	7/19/2024
SICD-1-21	REVISED	1/19/2024
SICD-2-14	REVISED	1/15/2021
VPF-1-24	REVISED	1/17/2025

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

800	DATED	1/17/2025
840	DATED	1/17/2025

DESIGN SPECIFICATIONS:

THIS STRUCTURE 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.

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 LOADING:

VEHICULAR LIVE LOAD: HL-93
FUTURE WEARING SURFACE (FWS) OF 0.06 KSF

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

UNCOATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI
EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI

CONCRETE FOR PRESTRESSED BEAMS:
COMPRESSIVE STRENGTH (FINAL) - 8.0 KSI
COMPRESSIVE STRENGTH (RELEASE) - 6.5 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.

PILE DRIVING CONSTRAINTS:

PRIOR TO DRIVING ABUTMENT PILES TO REFUSAL ON BEDROCK, 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-FT. 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 REFUSAL ON BEDROCK UNTIL AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED.

IF NOT PRE-DRIVING ABUTMENT PILES, INSTALL THE ABUTMENT PILES THROUGH PILE SLEEVES AFTER THE ABOVE REQUIRED MSE WALL AND EMBANKMENT HAVE BEEN CONSTRUCTED.

PILES TO BEDROCK:

DRIVE PILES TO REFUSAL ON BEDROCK. THE DEPARTMENT WILL CONSIDER REFUSAL TO BE OBTAINED WHEN THE PILE PENETRATION IS AN INCH OR LESS AFTER RECEIVING AT LEAST 20 BLOWS FROM THE PILE HAMMER. SELECT THE HAMMER SIZE TO ACHIEVE THE REQUIRED DEPTH TO BEDROCK AND REFUSAL.

THE TOTAL FACTORED LOAD IS 150 KIPS PER PILE FOR THE REAR AND FORWARD ABUTMENT PILES. THE REAR ABUTMENT PILES INCLUDE AN ADDITIONAL 126 KIPS AND THE FORWARD ABUTMENT PILES INCLUDE AN ADDITIONAL 80 KIPS OF FACTORED LOAD PER PILE TO ACCOUNT FOR POSSIBLE DOWNDRAG LOADING. THE TOTAL FACTORED LOAD IS 216 KIPS PER PILE FOR THE PIER PILES.

REAR ABUTMENT PILES:
HP10x42 PILES 60 FEET LONG, ORDER LENGTH

PIER PILES:
HP10x42 PILES 45 FEET LONG, ORDER LENGTH

FORWARD ABUTMENT PILES:
HP10x42 PILES 60 FEET LONG, ORDER LENGTH

STEEL PILE POINTS OR SHOES:

USE STEEL PILE POINTS TO PROTECT THE TIPS OF THE PROPOSED STEEL H-PILES AT ALL SUBSTRUCTURE UNITS.

PILE SPLICES:

IN LIEU OF USING THE FULL PENETRATION BUTT WELDS SPECIFIED IN C&MS 507.09 TO SPLICE STEEL H-PILES, THE CONTRACTOR MAY USE A MANUFACTURED H-PILE SPLICER. FURNISH SPLICERS FROM THE FOLLOWING MANUFACTURER:

ASSOCIATED PILE AND FITTING CORPORATION
8 WOOD HOLLOW RD. PLAZA 1
PARSIPPANY, NEW JERSEY 07054

INSTALL AND WELD THE SPLICER TO THE PILE SECTIONS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN ASSEMBLY PROCEDURE SUPPLIED TO THE ENGINEER BEFORE THE WELDING IS PERFORMED.

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 2.6 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 203 - EMBANKMENT, AS PER PLAN:

PLACE AND COMPACT EMBANKMENT MATERIAL IN 6-INCH LIFTS FOR THE CONSTRUCTION OF THE APPROACH EMBANKMENT.

Preliminary Plans For Reference Only

GENERAL NOTES (1 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN	8803902
DESIGN AGENCY	E.L. ROBINSON ENGINEERING 1468 West 9th St. Suite 800 Cleveland, Ohio 550 Goodale Blvd. St. Suite 180 Grandview Heights, Ohio
DESIGNER / CHECKER	MGB / JOL
REVIEWER	RER 02/13/26
PROJECT ID	121424
SUBSET / TOTAL	2 / 36
SHEET / TOTAL	P.234 / 323

WYA-23-3.47
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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\02-Engineering_EL-Robinson\Structures\SFN_8803902\Sheets\121424_SFN_8803902_SN002.dgn

WYA-23-3.47

Preliminary Plans - For Reference Only

ABBREVIATIONS:

ABUT. - ABUTMENT
ADT - AVERAGE DAILY TRAFFIC
ADTT - AVERAGE DAILY TRUCK TRAFFIC
APPR. - APPROACH
B - BOTTOM
℄ - BASELINE
B.F. - BACK FACE
BM - BENCHMARK
BOT. OR BTM. - BOTTOM
BRG. - BEARING
BTA - BRIDGE TERMINAL ASSEMBLY
℄ - CENTERLINE
C/C - CENTER TO CENTER
C.I.P. - CAST-IN-PLACE
C.J. - CONSTRUCTION JOINT
CLR. - CLEAR
C&MS - CONSTRUCTION AND MATERIAL SPECIFICATIONS
CONC. - CONCRETE
CONST. OR CONSTR. - CONSTRUCTION
CVN - CHARPY V-NOTCH
DIA. - DIAMETER
DIM. - DIMENSION
DWG. - DRAWING
E - EAST
EB - EASTBOUND
E.F. - EACH FACE
EL. OR ELEV. - ELEVATION
EOP - EDGE OF PAVEMENT
EQ. - EQUAL
EST. - ESTIMATED
EX. - EXISTING
EXP. - EXPANSION
F.A. - FORWARD ABUTMENT
F/F - FACE TO FACE
F.F. - FRONT FACE
F.S. - FIELD SPLICE
FT. - FOOT OR FEET
FWD. - FORWARD
HMWM - HIGH MOLECULAR WEIGHT METHACRYLATE
HW - HIGH WATER
IN. - INCH
JT. - JOINT
LB - LEFT BRIDGE
LBS - POUNDS
LEOD - LEFT EDGE OF DECK
L.F. - LEFT FORWARD
LMC - LATEX MODIFIED CONCRETE
LT. - LEFT
LTBR - LEFT TOE BRIDGE RAILING
MAX. - MAXIMUM
MGS - MODIFIED GUARDRAIL SYSTEM
MIN. - MINIMUM
MISC. - MISCELLANEOUS
MSE - MECHANICALLY STABILIZED EARTH
N - NORTH
NB - NORTHBOUND
NO. - NUMBER
N.P.C.P.P. - NON-PERFORATED CORRUGATED PLASTIC PIPE
OHWM - ORDINARY HIGH WATER MARK
O/O - OUT TO OUT
P.C.P.P. - PERFORATED CORRUGATED PLASTIC PIPE
P.E.J.F. - PREFORMED EXPANSION JOINT FILLER
PG - PROFILE GRADE
PGL - PROFILE GRADE LINE
PR./PROP. - PROPOSED
PSF - POUNDS PER SQUARE FOOT
P.V.I. - POINT OF VERTICAL INTERSECTION
Q - FLOW RATE
R - RADIUS
R.A. - REAR ABUTMENT
RB - RIGHT BRIDGE
RCP - ROCK CHANNEL PROTECTION
REOD - RIGHT EDGE OF DECK
REQD. - REQUIRED
R.F. - RIGHT FORWARD
R.R. - RAILROAD
RT. - RIGHT
RTBR - RIGHT TOE BRIDGE RAILING
R/W - RIGHT OF WAY
S - SOUTH
SB - SOUTHBOUND
SDC - SUPERPLASTICIZED DENSE CONCRETE
SER. - SERIES
SHLDR - SHOULDER
SLPR. - SLEEPER
SPA. - SPACE OR SPACES
STA. - STATION
STD. - STANDARD
STR - STRAIGHT
T - TOP
T&B - TOP & BOTTOM
TBR - TO BE REMOVED
TEMP. - TEMPORARY
T.O.S. OR T/S - TOP OF SLOPE
T/T - TOE TO TOE
TYP. - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE
VAR. - VARIES
V - VELOCITY
VPF - VANDAL PROTECTION FENCE
W - WEST
WB - WESTBOUND
WW - WINGWALL
WWR - WELDED WIRE REINFORCEMENT
°F - DEGREES FAHRENHEIT

GENERAL NOTES (2 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY

E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
3	36

SHEET	TOTAL
P.235	323

MADE BY: FIB/DTA DATE: 6/30/2025
CHECKED BY: JOL/BCW DATE: 11/19/2025

ESTIMATED QUANTITIES

STRUCTURE FILE NUMBER: 8803902

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIER	SUPER.	GEN.	REFERENCE SHEET NO.
505	11100	LUMP		PILE DRIVING EQUIPMENT MOBILIZATION					
507	00100	3,525	FT	STEEL PILES HP10X42, FURNISHED	2,400	1,125			
507	00150	3,200	FT	STEEL PILES HP10X42, DRIVEN	2,200	1,000			
507	93300	65	EACH	STEEL POINTS OR SHOES	40	25			
509	10000	140,171	LB	EPOXY COATED STEEL REINFORCEMENT	26,421	19,386	94,364		
509	30020	8,115	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			8,115		
511	33418	116	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (SEMI-INTEGRAL DIAPHRAGM)	116				
511	33419	34	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN (PIER DIAPHRAGM)		34			
511	33501	4	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN	4				6 OF 36
511	34446	329	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			329		
511	34450	84	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)			77	7	
511	41012	58	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		58			
511	44110	105	CY	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	105				
511	46512	153	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	108	45			
512	10100	1,520	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	237	1,283			
512	33000	71	SY	TYPE 2 WATERPROOFING	71				
515	15110	10	EACH	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF60-49			10		
515	20000	24	EACH	INTERMEDIATE DIAPHRAGMS			24		
516	10011	114	FT	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN				114	25 OF 36
516	13600	136	SF	1" PREFORMED EXPANSION JOINT FILLER	136				
516	13900	206	SF	2" PREFORMED EXPANSION JOINT FILLER	206				
516	14020	174	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	174				
516	44100	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) ((16"x21"x2.9605"))		10			
516	44201	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN ((16"x21"x3.5026"))	10				15 & 16 OF 36
518	21200	102	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	102				
518	40000	174	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	174				
518	40012	108	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	108				
526	30010	268	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17")				268	
526	90031	114	FT	TYPE C INSTALLATION, AS PER PLAN				114	25 OF 36
601	21050	8	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT				8	
607	39900	502	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC			502		
611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET				4	
625	33000	2	EACH	STRUCTURE GROUNDING SYSTEM				2	

Preliminary Plans - For Reference Only

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:10:01 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: dallbright@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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WYA-23-3.47

ESTIMATED QUANTITIES
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

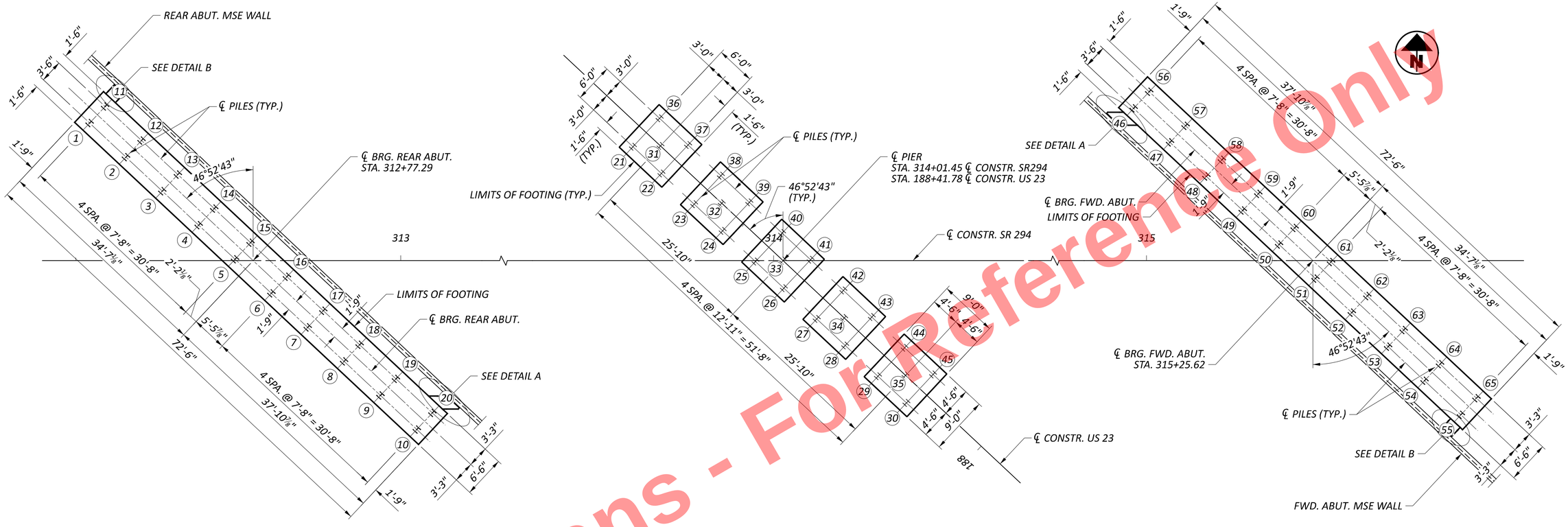
DESIGNER	CHECKER
FIB	JOL

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
4	36

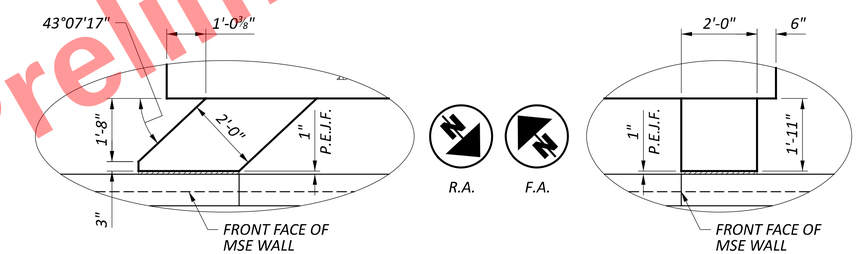
SHEET	TOTAL
P.236	323



REAR ABUTMENT

PIER

FORWARD ABUTMENT



DETAIL A

DETAIL B

FOUNDATION DATA				
LOCATION	PILE TYPE	EST. LENGTH	CUTOFF ELEV.	TOTAL FACTORED LOAD
REAR ABUT.	HP10x42	55'	887.75	150 KIPS
PIER	HP10x42	40'	873.25	216 KIPS
FWD. ABUT.	HP10x42	55'	889.25	150 KIPS

LEGEND:

(#) - PROPOSED PILE NUMBER

H - PROPOSED PILE

NOTES:

1. FOR PILE DRIVING CRITERIA, SEE GENERAL NOTES SHEET 2/36.
2. PROVIDE STRUCTURAL GROUNDING AT REAR ABUTMENT. REFER TO ODOT STD. DWG. HL-50.21 FOR DETAILS.
3. MSE WALL STRAPS ARE TO BE EMBEDDED INTO THE REAR ABUTMENT AND FORWARD ABUTMENT FOOTING. SEE ABUTMENT DETAIL SHEET 10/36 FOR MORE INFORMATION.

Preliminary Plans - For Reference Only

FOUNDATION PLAN
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:10:17 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: dallbright@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SFN 8803902

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

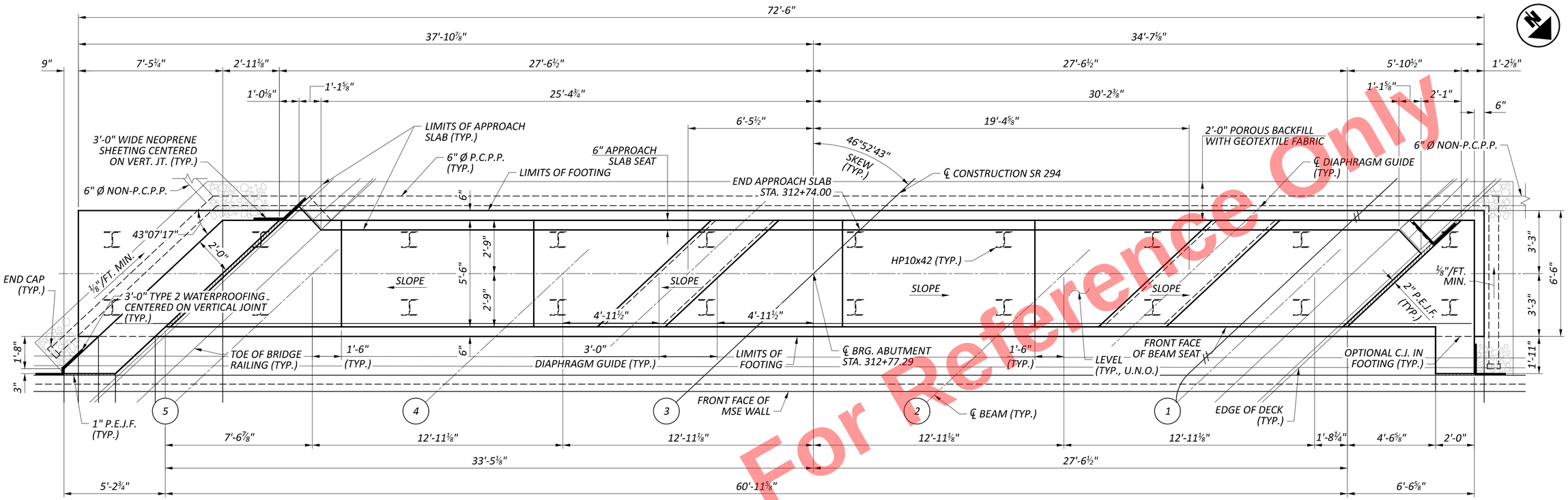
DESIGNER	CHECKER
MGB	JOL

REVIEWER: RER 02/13/26

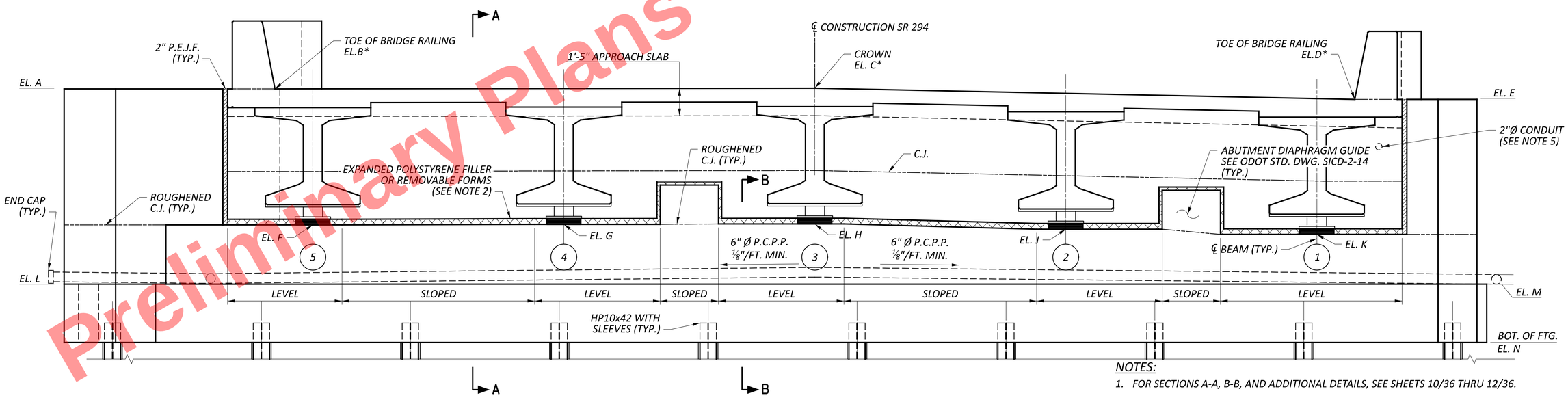
PROJECT ID: 121424

SUBSET	TOTAL
5	36

SHEET	TOTAL
P.237	323



PLAN



ELEVATION

(VANDAL PROTECTION FENCE NOT SHOWN FOR CLARITY)

REAR ABUTMENT ELEVATIONS												
EL. A	EL. B	EL. C	EL. D	EL. E	EL. F	EL. G	EL. H	EL. J	EL. K	EL. L	EL. M	EL. N
899.80	899.80	899.84	899.26	899.26	892.80	892.83	892.85	892.58	892.31	889.75	889.75	886.75

LEGEND:

(#) - BEAM LINE DESIGNATION

* - ELEVATIONS GIVEN AT BRIDGE LIMITS

NOTES:

1. FOR SECTIONS A-A, B-B, AND ADDITIONAL DETAILS, SEE SHEETS 10/36 THRU 12/36.
2. EXPANDED POLYSTYRENE OR REMOVABE FORMS ARE TO BE PAID FOR UNDER ITEM - 511 CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (SEMI-INTEGRAL DIAPHRAGM).
3. CONTRACTOR IS TO MEASURE THE CAMBER OF ALL BEAMS TO ENSURE THEY ARE WITHIN ACCEPTABLE TOLERANCE PRIOR TO CONSTRUCTING THE BEAM SEATS TO THE FINISHED ELEVATION. MEASUREMENTS ARE TO BE TAKEN WITHIN 5 DAYS PRIOR TO THE START OF CONSTRUCTION OF THE BREASTWALL. IF BEAMS ARE FOUND TO BE OUT OF TOLERANCE, PROVIDE A CORRECTIVE WORK PLAN PER C&MS 515.18 PRIOR TO CONSTRUCTING THE BREASTWALL.
4. TERMINATE NEOPRENE SHEETING 6" BELOW APPROACH SLAB SEAT.
5. FOR CONDUIT DETAILS, SEE RAILING DETAILS ON SHEETS 26/36 THRU 27/36.

Preliminary Plans - For Reference Only

REAR ABUTMENT PLAN AND ELEVATION
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
6	36

SHEET	TOTAL
P.238	323

WYA-23-3.47

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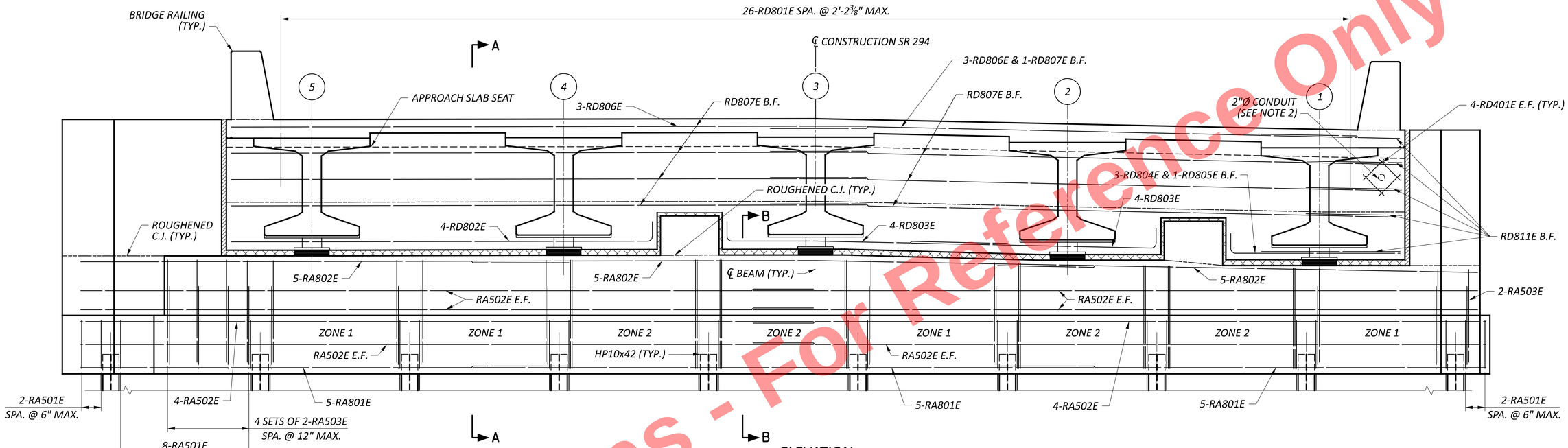
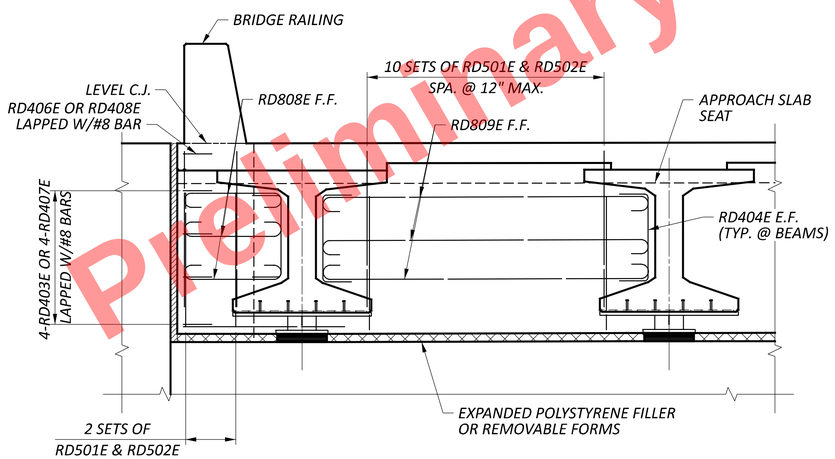
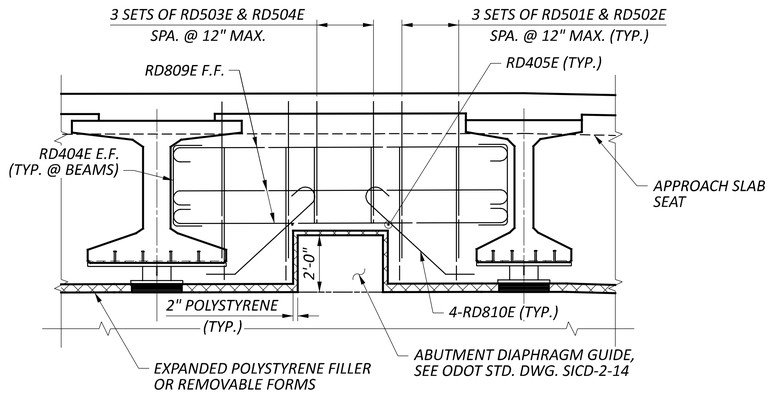


ELEVATION

ZONE 1 - 8 SETS OF (RA501E & 2-RA503E) SPACED @ 12" MAX.
ZONE 2 - 8 SETS OF (RA501E, RA503E & 2-RA504E) SPACED @ 12" MAX.



TYPICAL EXTERIOR AND INTERIOR BAY
(UNLESS NOTED OTHERWISE)



TYPICAL INTERIOR BAY WITH SEMI-INTEGRAL DIAPHRAGM GUIDE

PARTIAL DIAPHRAGM ELEVATION
(FRONT FACE AND VERTICAL REINFORCING SHOWN ONLY)

MIN. LAP LENGTHS	
NO. 5 BARS	3'-1"
NO. 8 BARS	4'-11"

LEGEND:

(#) - BEAM LINE DESIGNATION

NOTES:

1. FOR ADDITIONAL DETAILS, SEE SHEETS 10/36 THRU 12/36.
2. FOR CONDUIT DETAILS, SEE RAILING DETAILS ON SHEETS 26/36 THRU 27/36.

Preliminary Plans - For Reference Only

REAR ABUTMENT AND DIAPHRAGM REINFORCING
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 7 | TOTAL 36
SHEET P.239 | TOTAL 323

WYA-23-3.47

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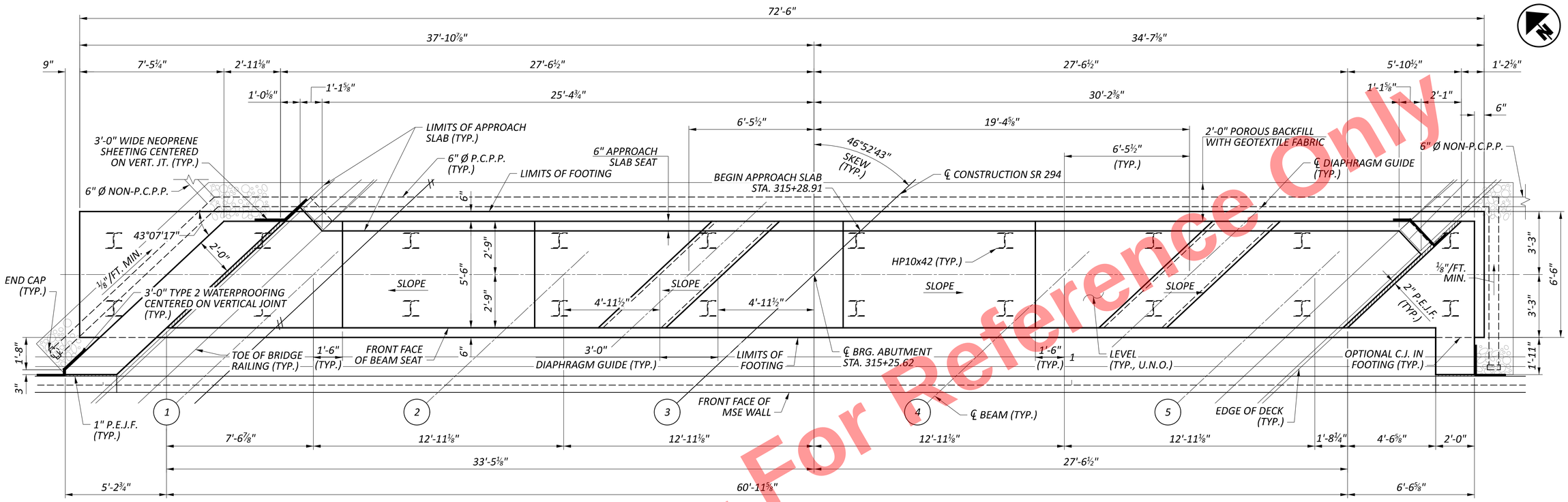
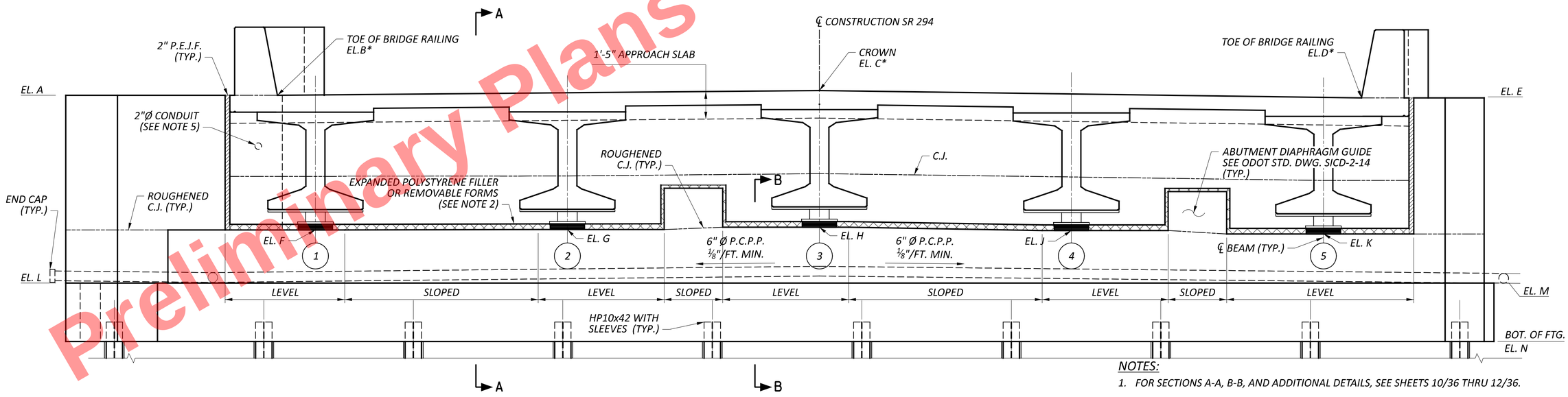


PLAN



ELEVATION

(VANDAL PROTECTION FENCE NOT SHOWN FOR CLARITY)

FORWARD ABUTMENT ELEVATIONS												
EL. A	EL. B	EL. C	EL. D	EL. E	EL. F	EL. G	EL. H	EL. J	EL. K	EL. L	EL. M	EL. N
900.89	900.89	901.14	900.76	900.76	893.88	894.00	894.12	893.95	893.77	891.25	891.25	888.25

LEGEND:

(#) - BEAM LINE DESIGNATION

* - ELEVATIONS GIVEN AT BRIDGE LIMITS

NOTES:

1. FOR SECTIONS A-A, B-B, AND ADDITIONAL DETAILS, SEE SHEETS 10/36 THRU 12/36.
2. EXPANDED POLYSTYRENE OR REMOVABE FORMS ARE TO BE PAID FOR UNDER ITEM - 511 CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (SEMI-INTEGRAL DIAPHRAGM).
3. CONTRACTOR IS TO MEASURE THE CAMBER OF ALL BEAMS TO ENSURE THEY ARE WITHIN ACCEPTABLE TOLERANCE PRIOR TO CONSTRUCTING THE BEAM SEATS TO THE FINISHED ELEVATION. MEASUREMENTS ARE TO BE TAKEN WITHIN 5 DAYS PRIOR TO THE START OF CONSTRUCTION OF THE BREASTWALL. IF BEAMS ARE FOUND TO BE OUT OF TOLERANCE, PROVIDE A CORRECTIVE WORK PLAN PER C&MS 515.18 PRIOR TO CONSTRUCTING THE BREASTWALL.
4. TERMINATE NEOPRENE SHEETING 6" BELOW APPROACH SLAB SEAT.
5. FOR CONDUIT DETAILS, SEE RAILING DETAILS ON SHEETS 26/36 THRU 27/36.

Preliminary Plans - For Reference Only

FORWARD ABUTMENT PLAN AND ELEVATION

BRIDGE NO. WYA-00023-03.470

SR 294 OVER US 23

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:10:35 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: dallbright@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SFN 8803902

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

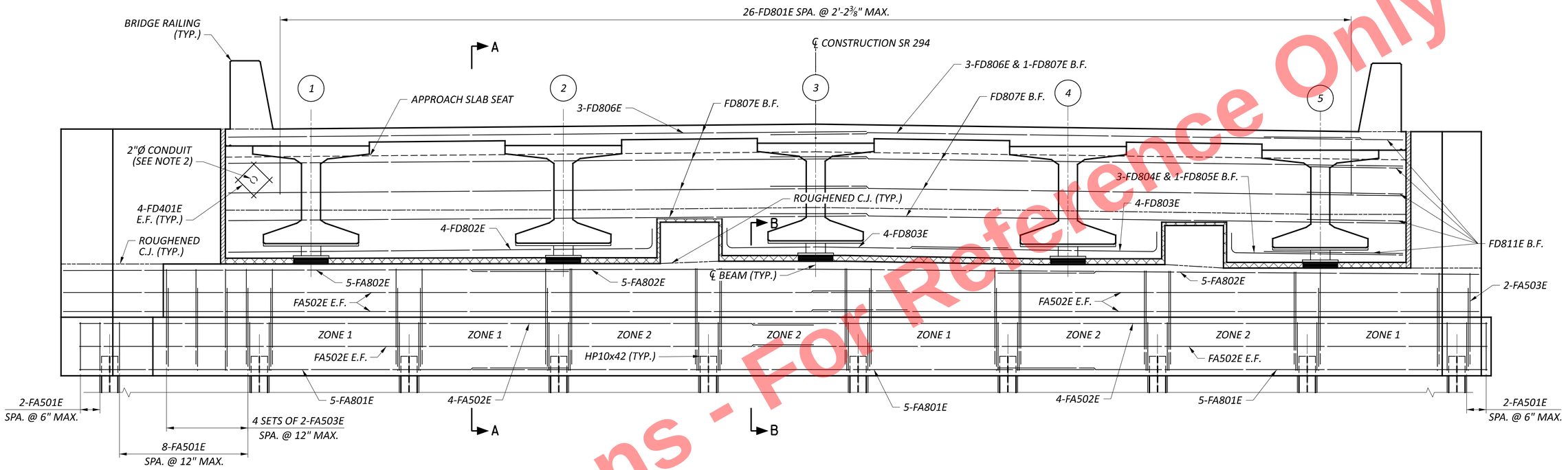
DESIGNER	CHECKER
JAW	JOL

REVIEWER RER 02/13/26

PROJECT ID 121424

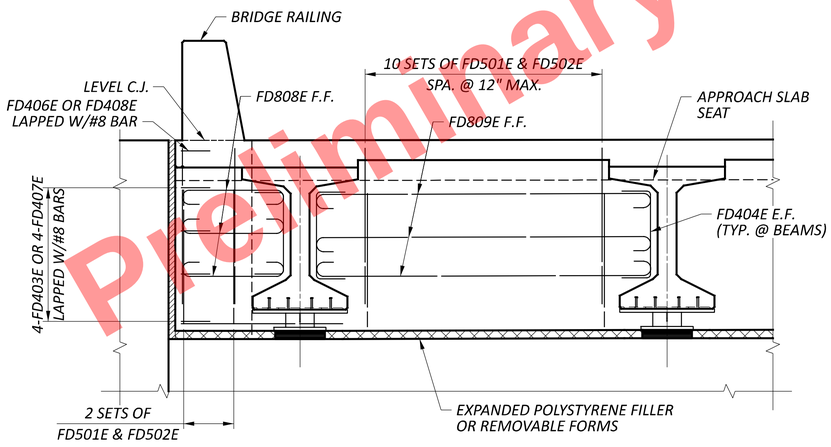
SUBSET	TOTAL
8	36

SHEET	TOTAL
P.240	323



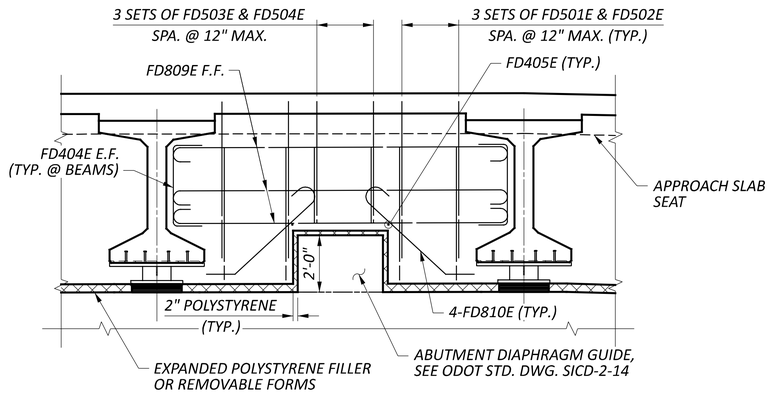
ZONE 1 - 8 SETS OF (FA501E & 2-FA503E) SPACED @ 12" MAX.
ZONE 2 - 8 SETS OF (FA501E, FA503E & 2-FA504E) SPACED @ 12" MAX.

ELEVATION



TYPICAL EXTERIOR AND INTERIOR BAY

(UNLESS NOTED OTHERWISE)



TYPICAL INTERIOR BAY WITH SEMI-INTEGRAL DIAPHRAGM GUIDE

PARTIAL DIAPHRAGM ELEVATION

(FRONT FACE AND VERTICAL REINFORCING SHOWN ONLY)

MIN. LAP LENGTHS	
NO. 5 BARS	3'-1"
NO. 8 BARS	4'-11"

LEGEND:

(#) - BEAM LINE DESIGNATION

NOTES:

1. FOR SECTIONS A-A, B-B AND ADDITIONAL DETAILS, SEE SHEETS 10/36 THRU 12/36.
2. FOR CONDUIT DETAILS, SEE RAILING DETAILS ON SHEETS 26/36 THRU 27/36.

FORWARD ABUTMENT AND DIAPHRAGM REINFORCING

BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. St. Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 9 | TOTAL 36
SHEET P.241 | TOTAL 323

WYA-23-3.47

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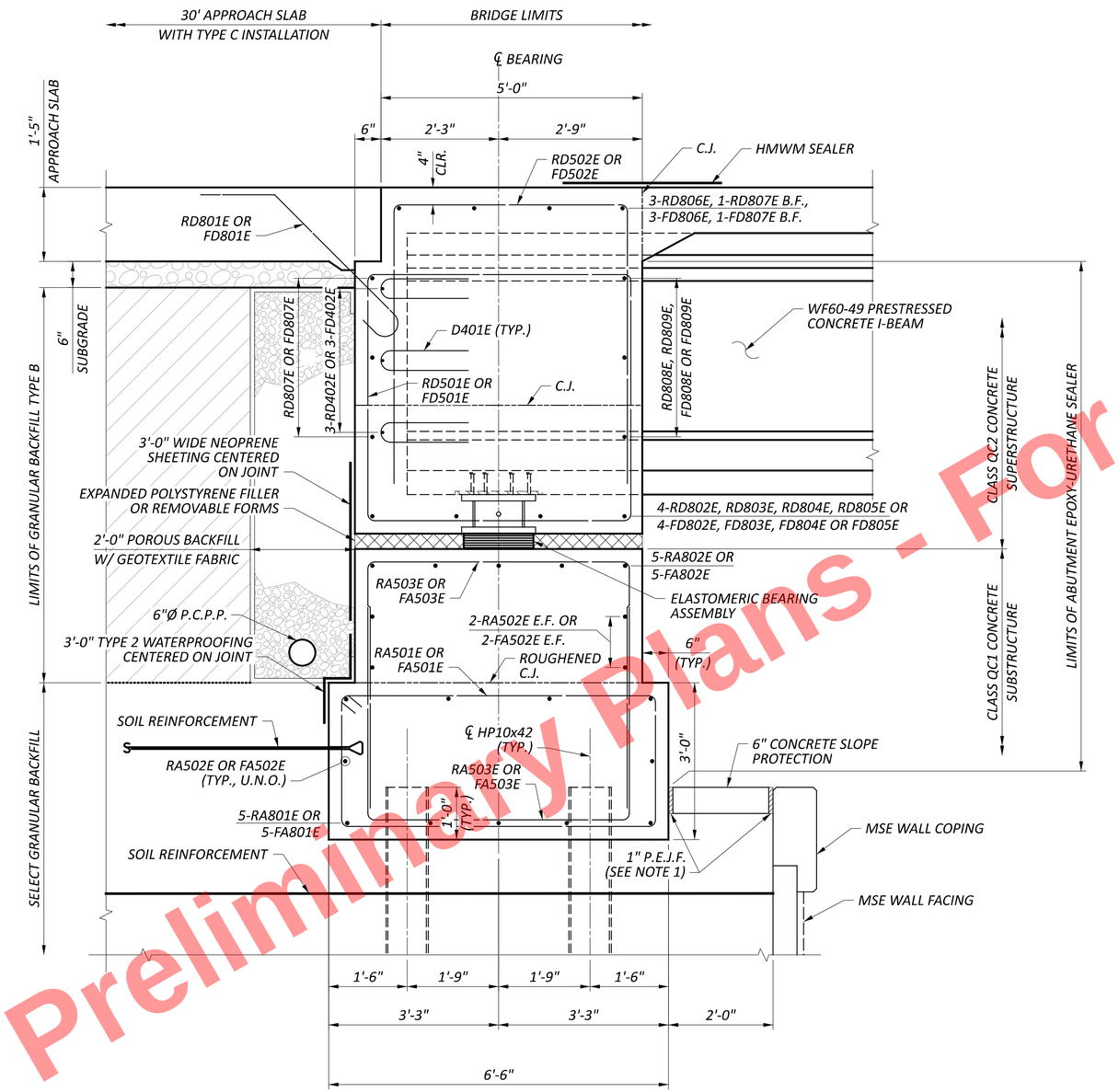
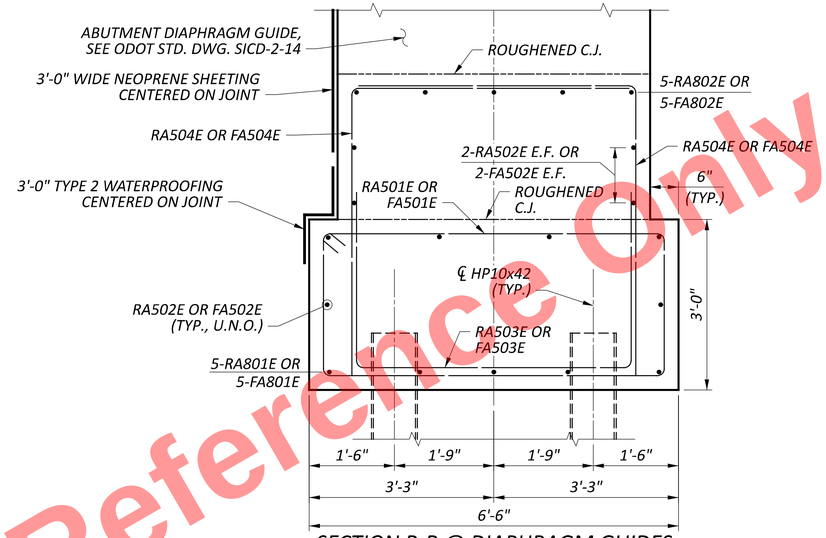
Preliminary Plans - For Reference Only

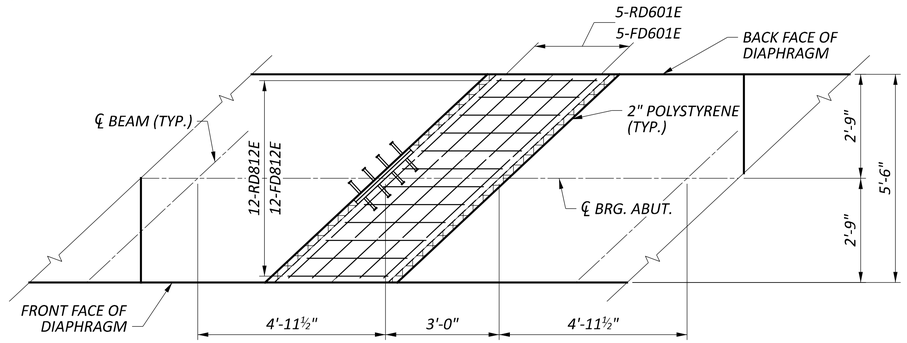


SECTION A-A



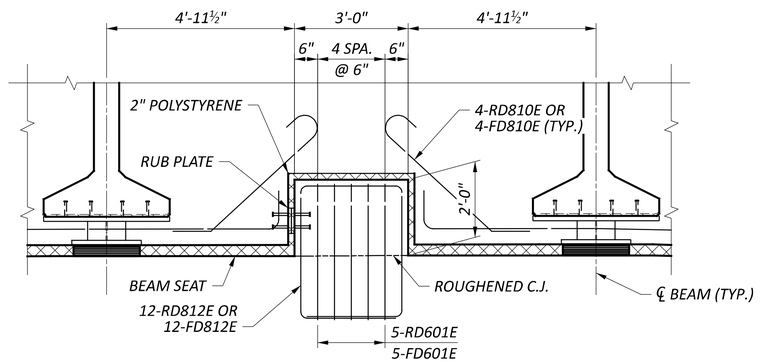
SECTION B-B @ DIAPHRAGM GUIDES

(MSE WALL, SOIL REINFORCEMENT & DIAPHRAGM GUIDE REINFORCING NOT SHOWN FOR CLARITY)



ABUTMENT DIAPHRAGM GUIDE PLAN

(FOR ADDITIONAL REINFORCING SEE ELEVATION VIEW)
(FOR ADDITIONAL DETAILS AND DIMENSIONS, SEE ODOT STANDARD DRAWING SICD-2-14)



ABUTMENT DIAPHRAGM GUIDE ELEVATION

(FOR ADDITIONAL DETAILS AND DIMENSIONS, SEE ODOT STANDARD DRAWING SICD-2-14)

NOTES:

1. 1" P.E.J.F. IS TO BE INCLUDED ON ALL SIDES OF THE 6" CONCRETE SLOPE PROTECTION.

Preliminary Plans - For Reference Only

ABUTMENT DETAILS (1 OF 3)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY

E.L. ROBINSON ENGINEERING

1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
10	36

SHEET	TOTAL
P.242	323

WYA-23-3.47

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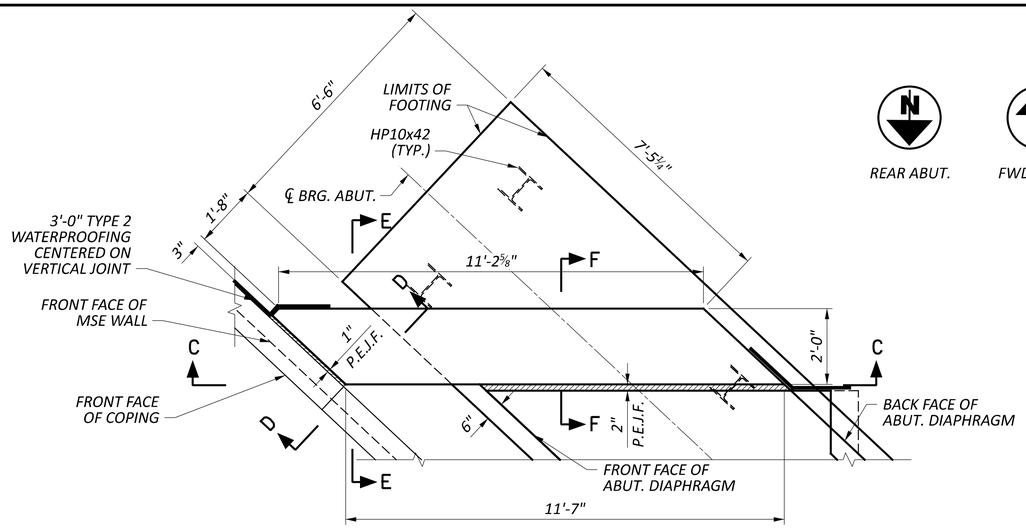
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\V02-Engineering_EL-Robinson\Structures\SFN_8803902\Sheets\121424_SFN_8803902_SR003.dgn

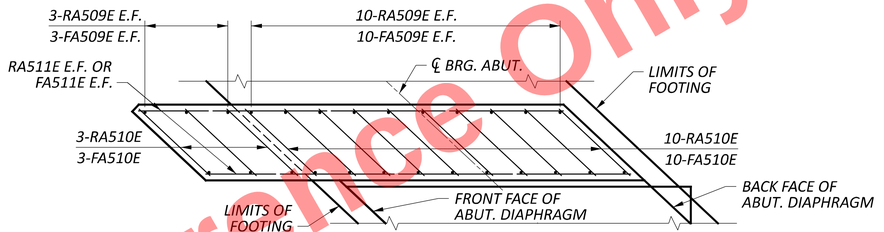


PLAN - REAR ABUTMENT RIGHT WINGWALL

PLAN - FORWARD ABUTMENT LEFT WINGWALL

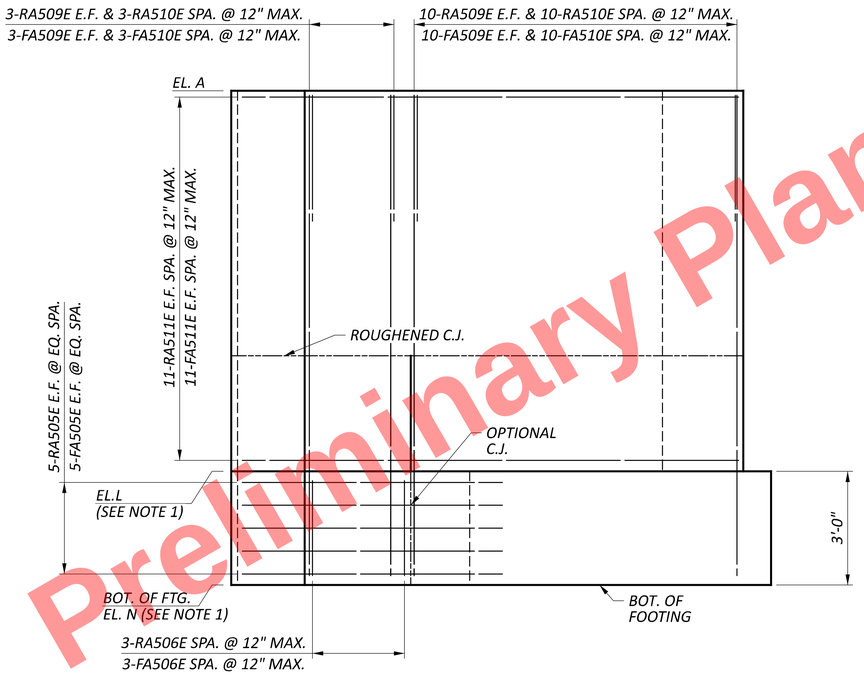
REAR ABUT.

FWD. ABUT.



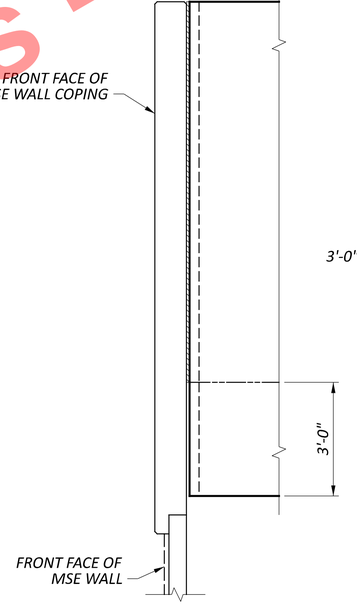
PLAN - WINGWALL TOP MAT REINFORCING

(MSE WALL, SOIL REINFORCEMENT & PILES NOT SHOWN FOR CLARITY)



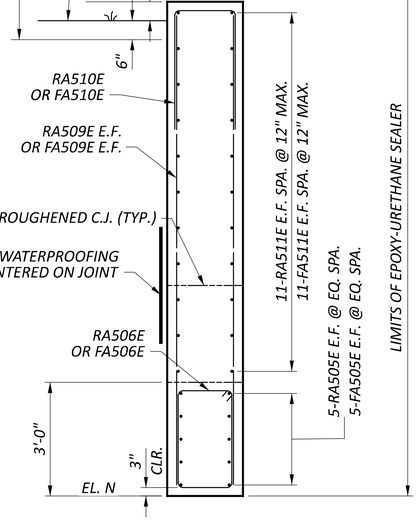
VIEW C-C

(MSE WALL, SOIL REINFORCEMENT, PILES, ABUTMENT FOOTING & SEAT REINFORCEMENT NOT SHOWN FOR CLARITY)



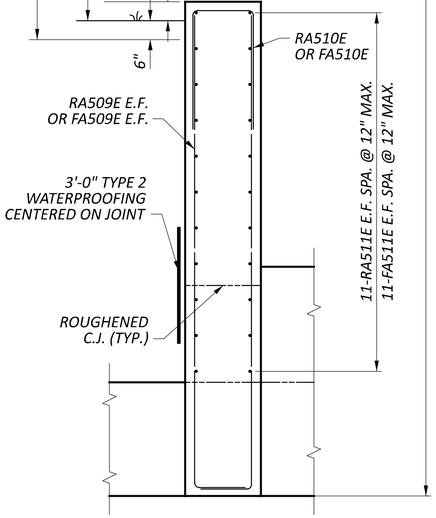
VIEW D-D

(PILES NOT SHOWN FOR CLARITY)



SECTION E-E

(MSE WALL SOIL REINFORCING, ABUTMENT FOOTING & SEAT REINFORCEMENT NOT SHOWN FOR CLARITY)



SECTION F-F

(PILES, ABUTMENT FOOTING & SEAT REINFORCING NOT SHOWN FOR CLARITY)

MIN. LAP LENGTHS	
NO. 5 BARS	3'-1"

NOTES:

1. FOR ELEVATIONS L AND N, SEE SHEETS 6/36 AND 8/36.

Preliminary Plans - For Reference Only

ABUTMENT DETAILS (2 OF 3)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
11	36

SHEET	TOTAL
P.243	323

WYA-23-3.47

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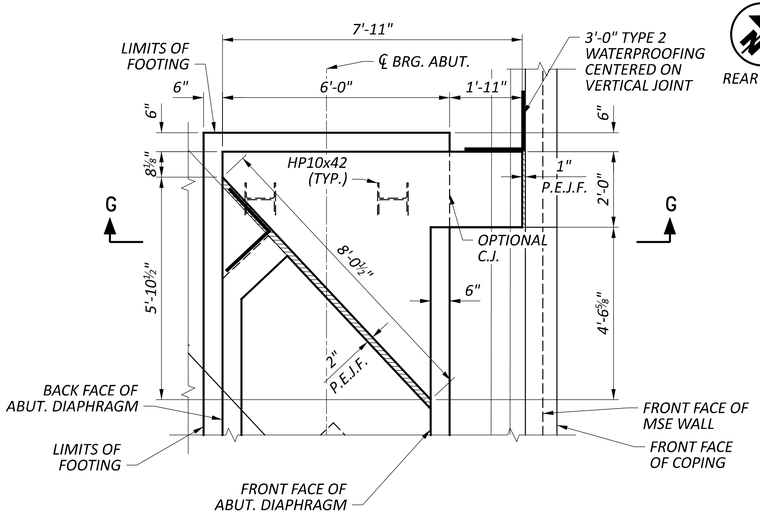
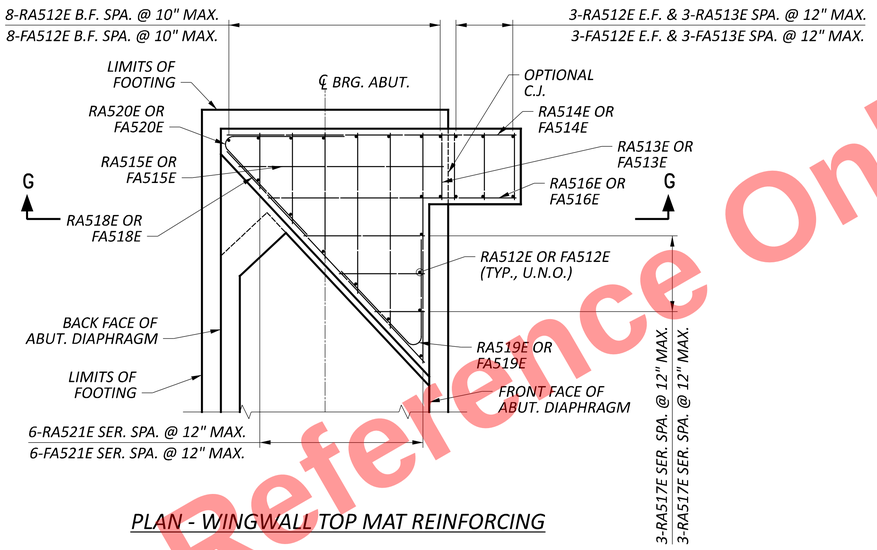


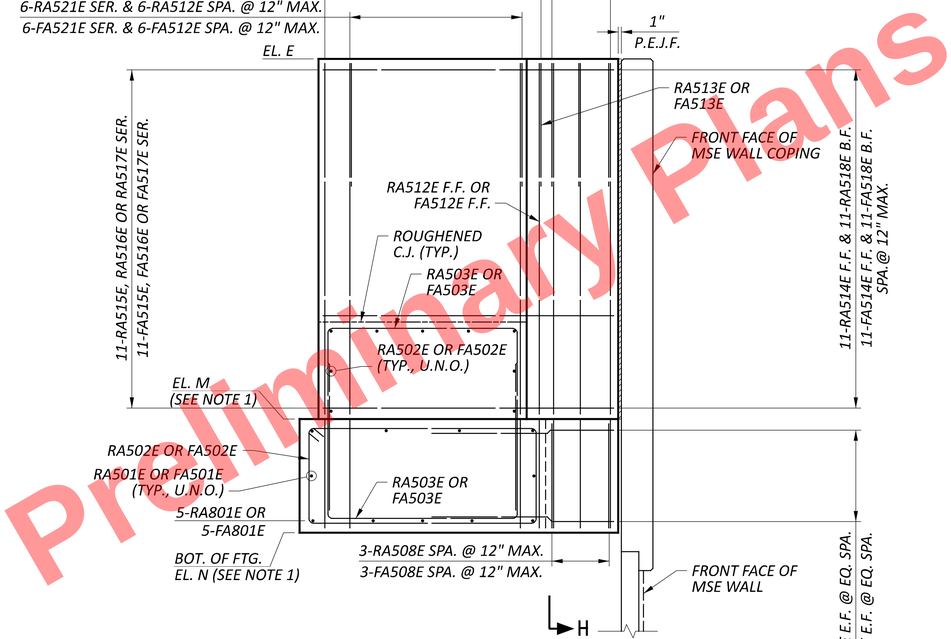
REAR ABUT.

FWD. ABUT.

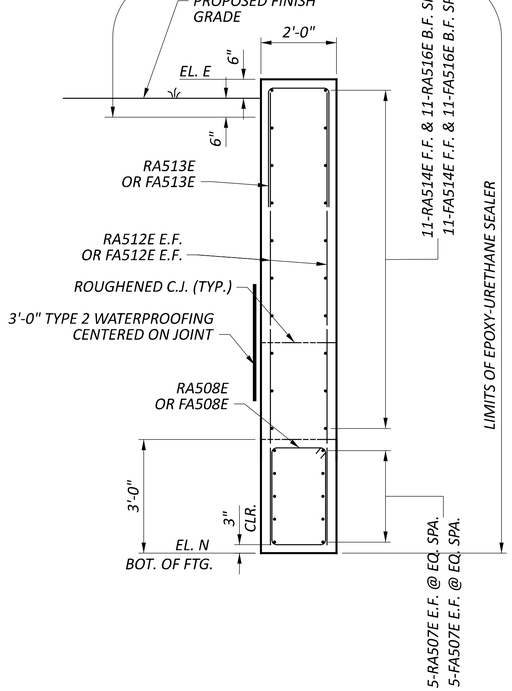
PLAN - REAR ABUTMENT LEFT WINGWALL
PLAN - FORWARD ABUTMENT RIGHT WINGWALL



PLAN - WINGWALL TOP MAT REINFORCING



SECTION G-G
(MSE WALL, SOIL REINFORCEMENT & PILES NOT SHOWN FOR CLARITY)



SECTION H-H
(MSE WALL SOIL REINFORCING NOT SHOWN FOR CLARITY)

MIN. LAP LENGTHS	
NO. 5 BARS	3'-1"
NO. 8 BARS	4'-11"

NOTES:

1. FOR ELEVATIONS L AND N, SEE SHEETS 6/36 AND 8/36.

Preliminary Plans - For Reference Only

ABUTMENT DETAILS (3 OF 3)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 12 | TOTAL 36
SHEET P.244 | TOTAL 323

WYA-23-3.47

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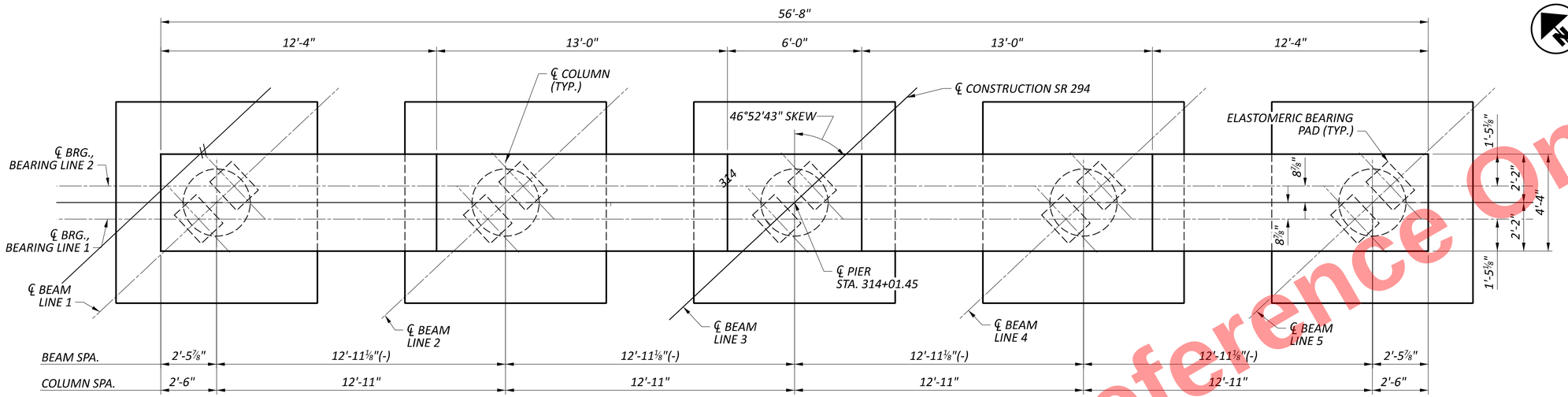
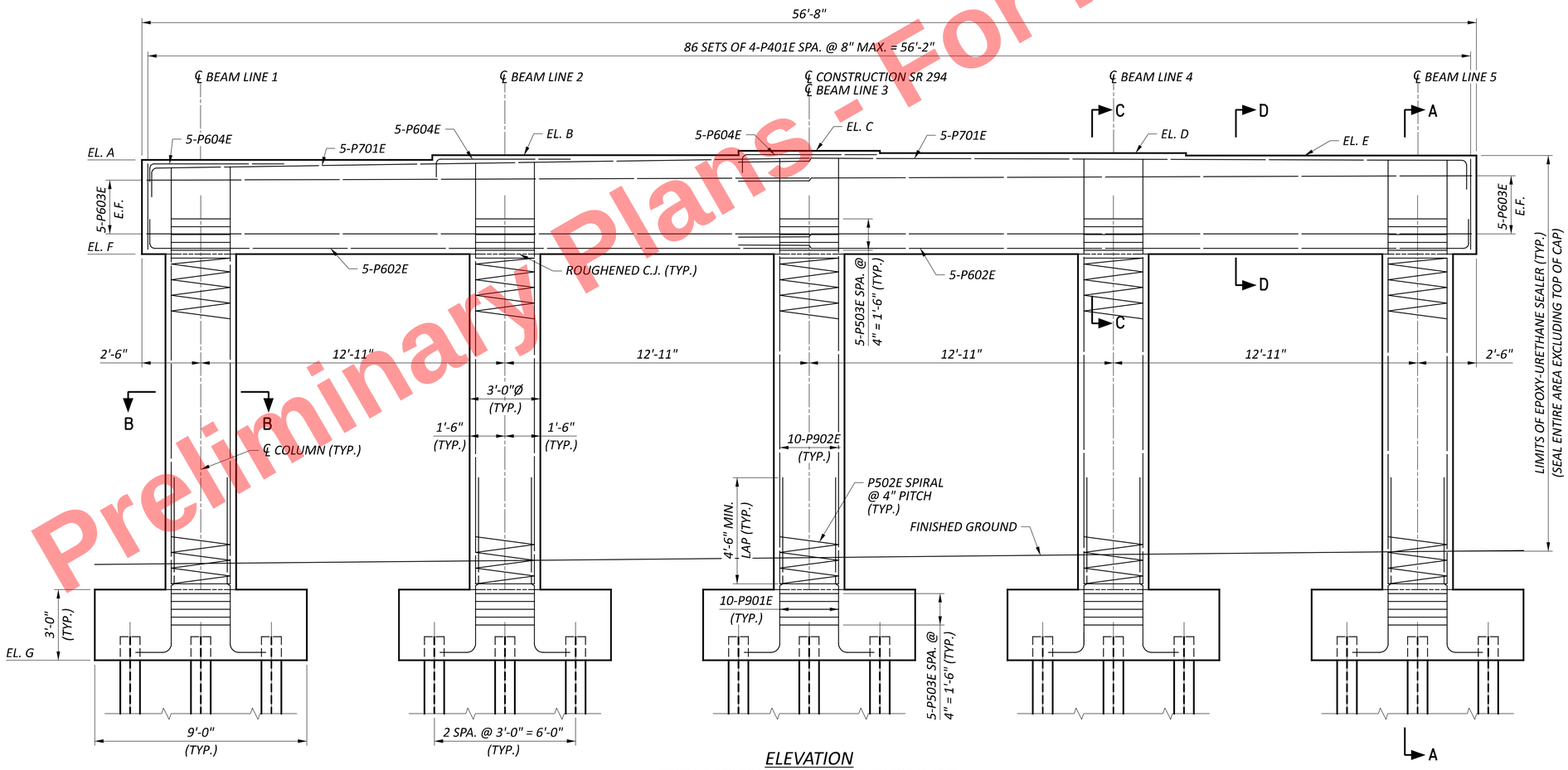


PLAN

(PILES NOT SHOWN FOR CLARITY)

PIER ELEVATIONS	
LETTER	EL.
A	894.23
B	894.44
C	894.63
D	894.53
E	894.42
F	890.23
G	872.25



ELEVATION

(FOOTING REINFORCEMENT NOT SHOWN FOR CLARITY)

MIN. LAP LENGTHS	
NO. 4 BARS	2'-0"
NO. 6 BARS	3'-0"
NO. 7 BARS	3'-6"
NO. 9 BARS	4'-6"

NOTES:

1. FOR SECTIONS A-A, B-B, C-C & D-D, SEE PIER DETAILS SHEET 14/36.
2. CONTRACTOR IS TO MEASURE THE CAMBER OF ALL BEAMS TO ENSURE THEY ARE WITHIN ACCEPTABLE TOLERANCE PRIOR TO CONSTRUCTING THE BEAM SEATS TO THE FINISHED ELEVATION. MEASUREMENTS ARE TO BE TAKEN WITHIN 5 DAYS PRIOR TO THE START OF CONSTRUCTION OF THE PIER CAP. IF BEAMS ARE FOUND TO BE OUT OF TOLERANCE, PROVIDE A CORRECTIVE WORK PLAN PER C&MS 515.18 PRIOR TO CONSTRUCTING THE PIER CAP.

Preliminary Plans - For Reference Only

PIER PLAN & ELEVATION
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 13 | TOTAL 36
SHEET P.245 | TOTAL 323

WYA-23-3.47

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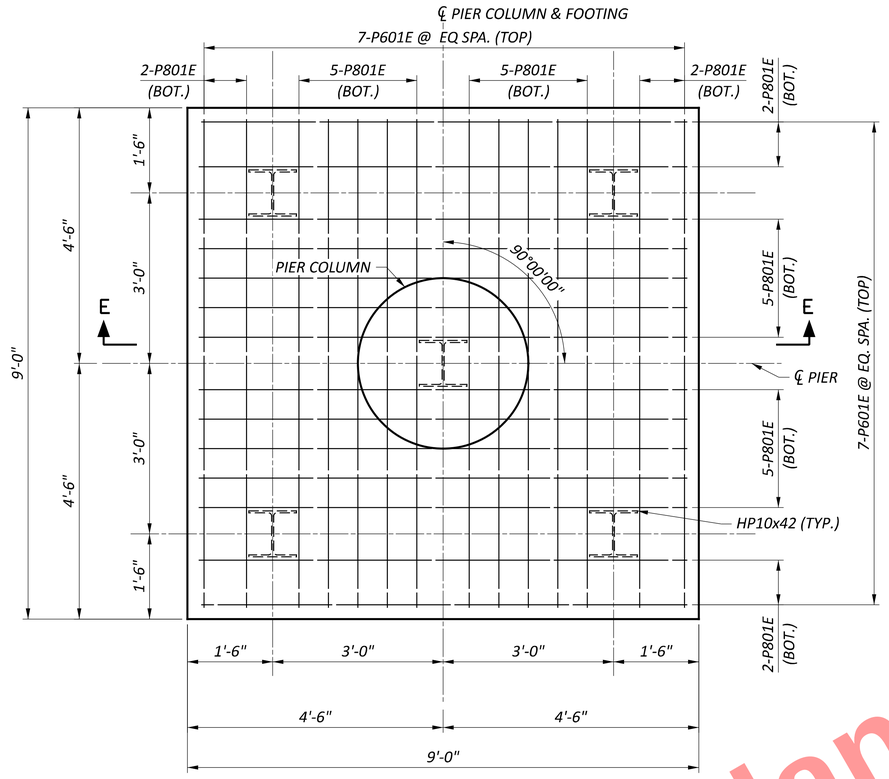
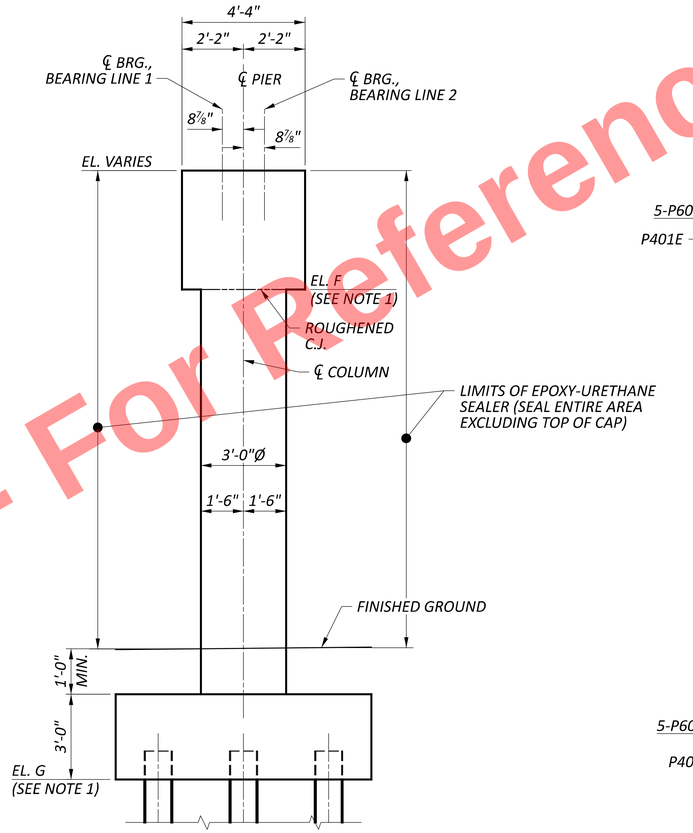
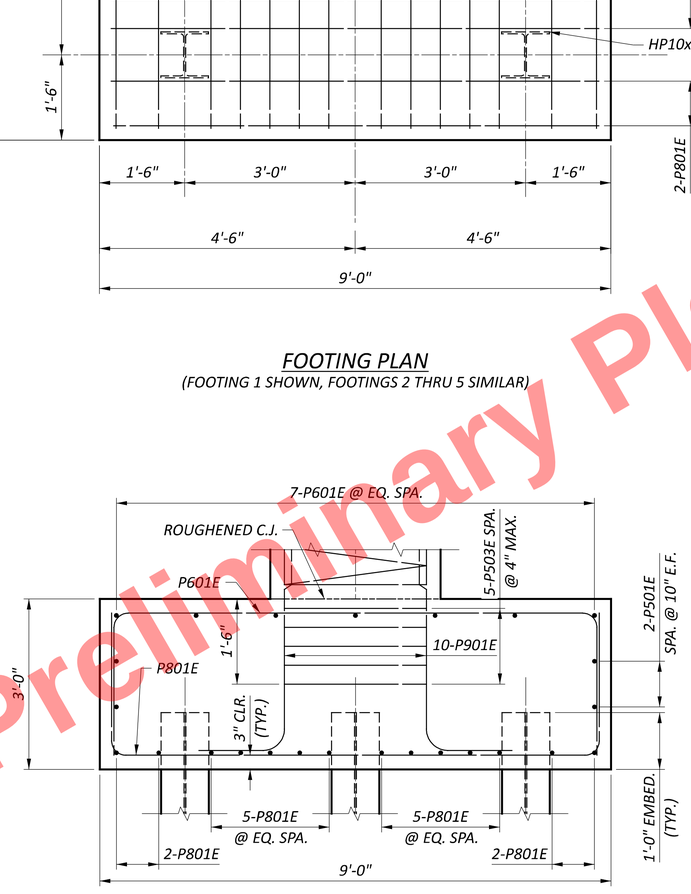


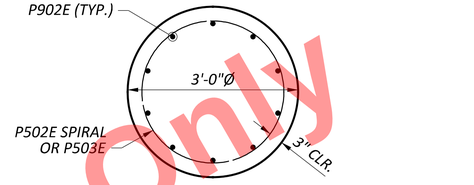
FOOTING PLAN
(FOOTING 1 SHOWN, FOOTINGS 2 THRU 5 SIMILAR)



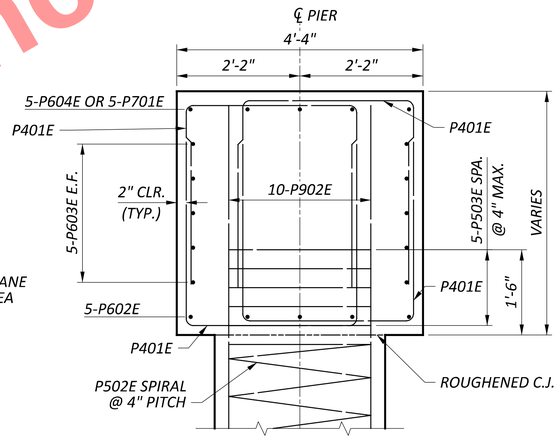
SECTION A-A



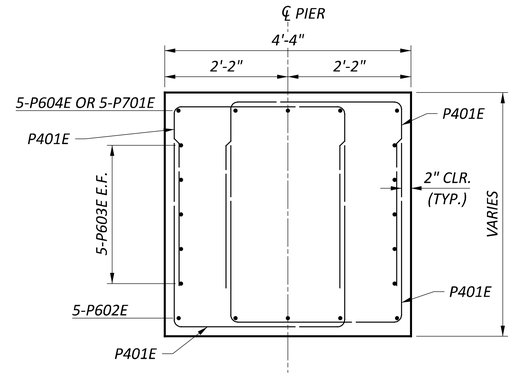
SECTION E-E



SECTION B-B
(COLUMN 1 SHOWN, COLUMNS 2 THRU 5 SIMILAR)



SECTION C-C



SECTION D-D

MIN. LAP LENGTHS	
NO. 4 BARS	2'-0"
NO. 5 BARS	2'-6"
NO. 6 BARS	3'-0"
NO. 7 BARS	3'-6"
NO. 9 BARS	4'-6"

NOTES:

1. FOR ELEVATIONS F AND G, SEE SHEET 13/36.
2. FOR SECTIONS A-A THRU D-D LOCATIONS, SEE SHEET 13/36.

Preliminary Plans - For Reference Only

PIER DETAILS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	TAS

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
14	36

SHEET	TOTAL
P.246	323

WYA-23-3.47

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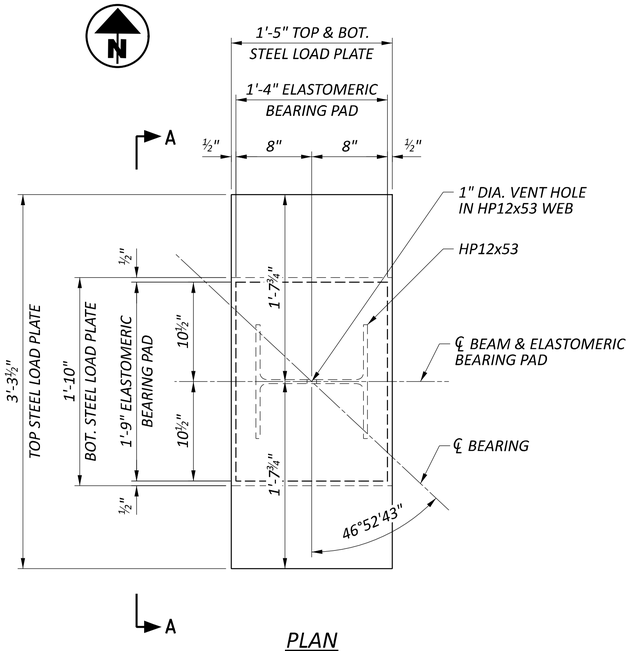
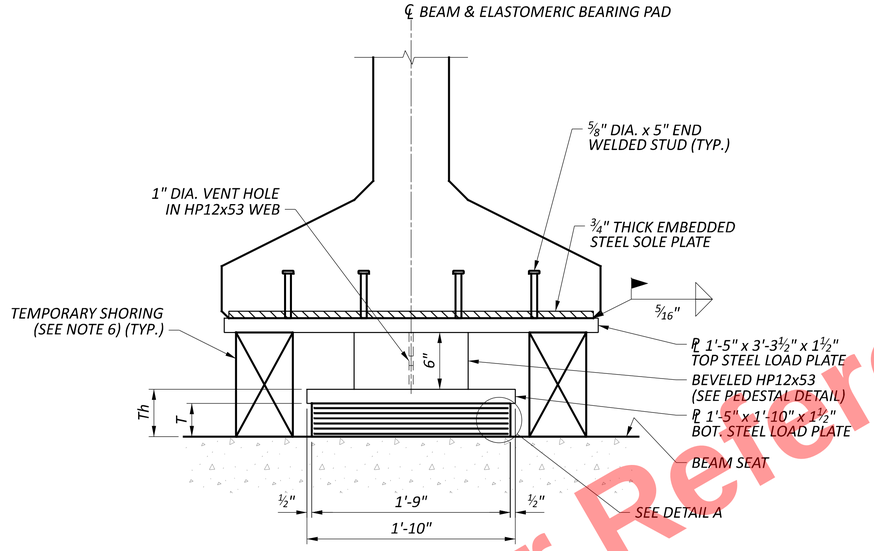


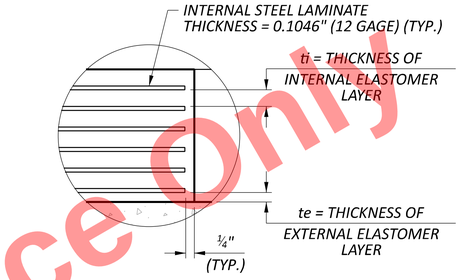
PLAN

(REAR ABUTMENT SHOWN, FORWARD ABUTMENT SIMILAR)

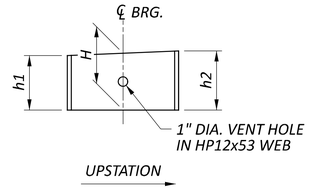


VIEW A-A

(REAR ABUTMENT SHOWN, FORWARD ABUTMENT SIMILAR)

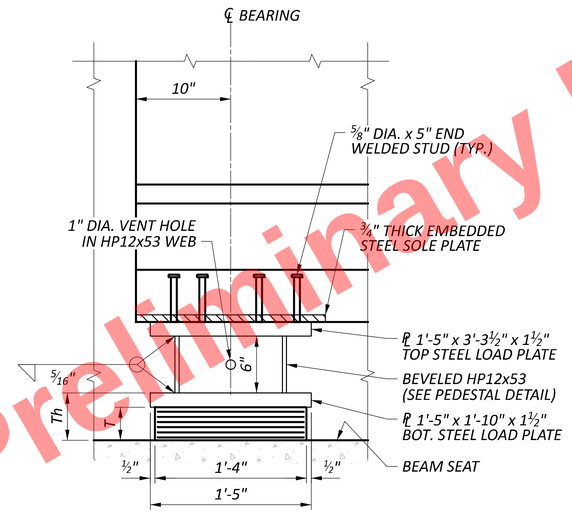


DETAIL A



PEDESTAL DETAIL

BEVELED PEDESTAL DIMENSIONS						
BEAM		1	2	3	4	5
REAR ABUT.	h1	5 13/16"	5 7/8"	5 7/8"	5 7/8"	5 7/8"
	H	6"	6"	6"	6"	6"
	h2	6 3/16"	6 1/8"	6 1/8"	6 1/8"	6 1/8"
FORWARD ABUT.	h1	6 1/16"	6 1/16"	6 1/16"	6 1/16"	6 1/16"
	H	6"	6"	6"	6"	6"
	h2	5 15/16"	5 15/16"	5 15/16"	5 15/16"	5 15/16"



ELEVATION

(REAR ABUTMENT SHOWN, FORWARD ABUTMENT SIMILAR)

ELASTOMERIC BEARING DATA										
LOCATION	TYPE	NO.	DL (KIPS)	LL (KIPS)	MAX. DESIGN LOAD (DL+LL) (KIPS)	ti (IN.)	te (IN.)	NO. ti	NO. INTERNAL LAMINATES	T (IN.)	Th (IN.)
REAR ABUT.	EXP.	5	275	110	385	0.4375	0.25	6	6	3.5026	5.0026
FWD. ABUT.	EXP.	5	275	110	385	0.4375	0.25	6	6	3.5026	5.0026

NOTES:

1. 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. PER C&MS 516.03, THE STEEL LOAD PLATES SHALL BE GALVANIZED ASTM A709 GRADE 50 STEEL.
3. EACH BEARING ASSEMBLY SHALL BE SHOP MARKED WITH THE FOLLOWING INFORMATION: TOP, UPSTATION DIRECTION, LOCATION (REAR ABUTMENT OR FORWARD ABUTMENT), AND BEAM NUMBER. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARINGS ARE INSTALLED.
4. TOTAL DESIGN LOAD FOR BEARINGS EQUALS THE SUM OF THE DEAD LOADS AND LIVE LOADS TABULATED IN THE ELASTOMERIC BEARING DATA TABLE. IMPACT IS NOT INCLUDED. LOADS ARE UNFACTORED.
5. BASIS OF PAYMENT: THE UNIT BID PRICE SHALL INCLUDE ALL MATERIALS (INCLUDING STEEL LOAD PLATES AND H-PILES), LABOR, TESTING, AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS. PAYMENT WILL BE MADE AT THE CONTRACT PRICE FOR ITEM 516, EACH, ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16"x21"x3.5026").
6. BEARING ASSEMBLIES ARE TO HAVE TEMPORARY SUPPORT TO STABILIZE THE BEAMS DURING ERECTION UNTIL THE INTERMEDIATE DIAPHRAGMS ARE ATTACHED. SHORING IS TO BE REMOVED PRIOR TO DIAPHRAGM CONCRETE PLACEMENT. A PLAN FOR THE STABILIZATION OF THE BEAMS DURING CONSTRUCTION IS TO BE SUBMITTED TO THE PROJECT ENGINEER FOR APPROVAL, PER C&MS 501.05.
7. SEE ODOT STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

Preliminary Plans - For Reference Only

ABUTMENT BEARING DETAILS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL/TAS

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
15	36

SHEET	TOTAL
P.247	323

WYA-23-3.47

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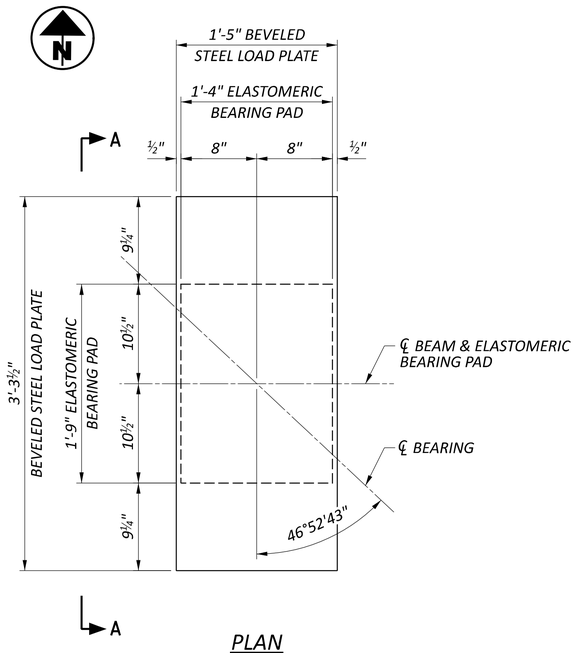
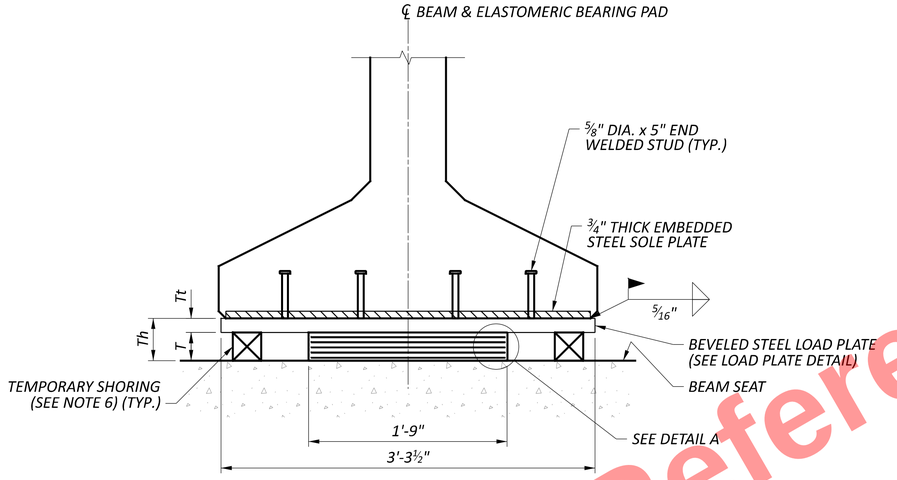
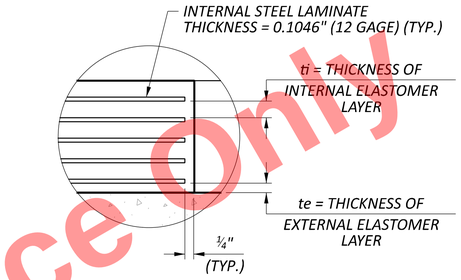


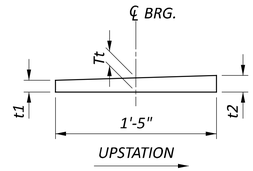
PLAN



VIEW A-A



DETAIL A



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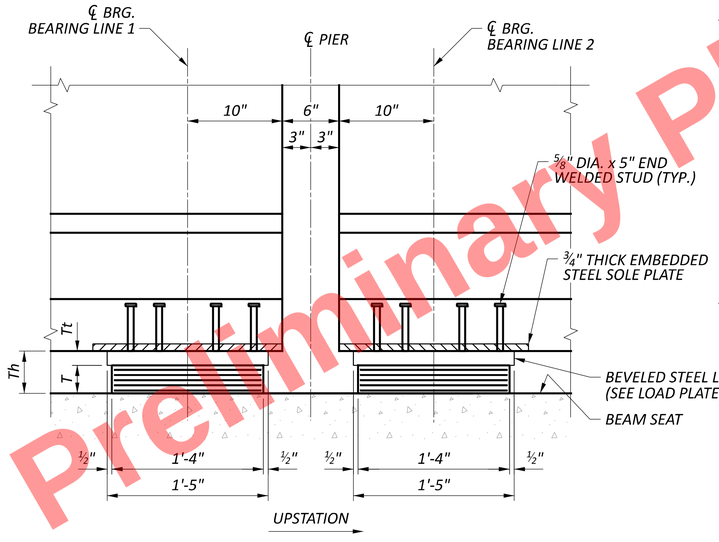

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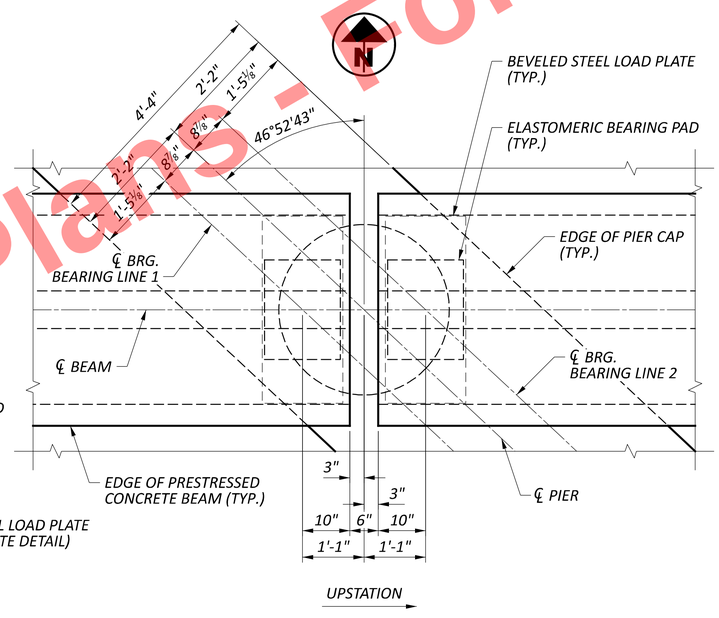

BEARING ORIENTATION PLAN

BEVELED STEEL LOAD PLATE DIMENSIONS

BEAM		1	2	3	4	5
BEARING LINE 1	t1	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
	Tt	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
	t2	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
BEARING LINE 2	t1	1 ⅜"	1 7/16"	1 7/16"	1 7/16"	1 7/16"
	Tt	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
	t2	1 ⅝"	1 9/16"	1 9/16"	1 9/16"	1 9/16"

ELASTOMERIC BEARING DATA

LOCATION	TYPE	NO.	DL (KIPS)	LL (KIPS)	MAX. DESIGN LOAD (DL+LL) (KIPS)	ti (IN.)	te (IN.)	NO. ti	NO. INTERNAL LAMINATES	T (IN.)	Th (IN.)
BEARING LINE 1	EXP.	5	209	107	316	0.4375	0.25	5	5	2.9605	4.4605
BEARING LINE 2	EXP.	5	209	107	316	0.4375	0.25	5	5	2.9605	4.4605

NOTES:

1. 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. PER C&MS 516.03, THE STEEL LOAD PLATES SHALL BE GALVANIZED ASTM A709 GRADE 50 STEEL.
3. EACH BEARING ASSEMBLY SHALL BE SHOP MARKED WITH THE FOLLOWING INFORMATION: TOP, UPSTATION DIRECTION, LOCATION (PIER BEARING LINE "A" OR "B"), AND BEAM NUMBER. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. ALL MARKS SHALL BE PERMANENT AND BE VISIBLE AFTER THE BEARINGS ARE INSTALLED.
4. TOTAL DESIGN LOAD FOR BEARINGS EQUALS THE SUM OF THE DEAD LOADS AND LIVE LOADS TABULATED IN THE ELASTOMERIC BEARING DATA TABLE. IMPACT IS NOT INCLUDED. LOADS ARE UNFACTORED.
5. BASIS OF PAYMENT: THE UNIT BID PRICE SHALL INCLUDE ALL MATERIALS (INCLUDING STEEL LOAD PLATES), LABOR, TESTING, AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL LAMINATED ELASTOMERIC BEARINGS. PAYMENT WILL BE MADE AT THE CONTRACT PRICE FOR ITEM 516, EACH, ELASTOMERIC BEARINGS WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (16"x21"x2.9605").
6. BEARING ASSEMBLIES ARE TO HAVE ADEQUATE TEMPORARY SUPPORT PLACED TO STABILIZE THE BEAMS DURING ERECTION UNTIL THE INTERMEDIATE DIAPHRAGMS ARE ATTACHED. SHORING IS TO BE REMOVED PRIOR TO DIAPHRAGM CONCRETE PLACEMENT. A PLAN FOR THE STABILIZATION OF THE BEAMS DURING CONSTRUCTION IS TO BE SUBMITTED TO THE PROJECT ENGINEER FOR APPROVAL, PER C&MS 501.05.
7. SEE ODOT STD. DWG. PSID-1-13 FOR ADDITIONAL NOTES AND DETAILS.

Preliminary Plans - For Reference Only

PIER BEARING DETAILS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER JOL/TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 16 | TOTAL 36
SHEET P.248 | TOTAL 323

WYA-23-3.47

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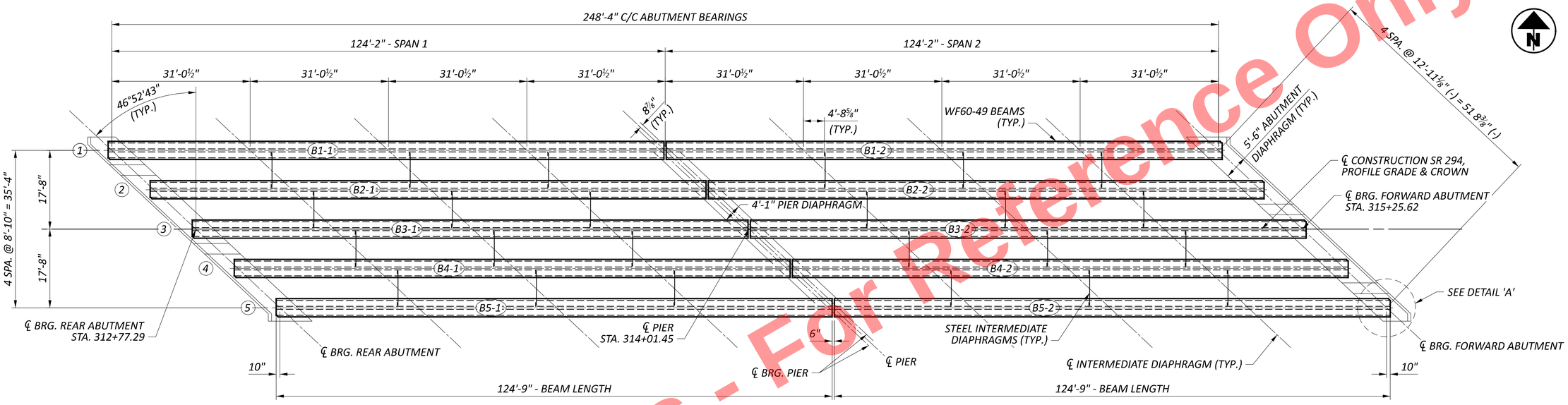
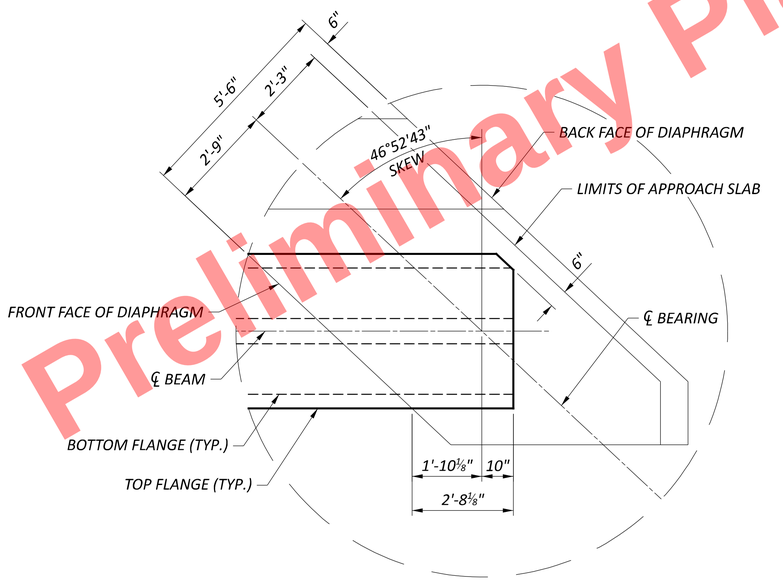


FRAMING PLAN



DETAIL A

LEGEND:

(#) - BEAM LINE DESIGNATION

(B#-#) - BEAM DESIGNATION

NOTES:

1. TWO OR MORE ADJACENT GIRDERS MUST BE ERECTED AND BRACED BEFORE ANY OPERATIONS ARE SUSPENDED AND BEFORE TRAFFIC IS ALLOWED TO PROCEED BELOW THE GIRDERS. GIRDERS ARE NOT TO BE ERECTED OVER ACTIVE TRAFFIC. THE GIRDERS MUST BE TEMPORARILY ANCHORED OR BRACED PRIOR TO INSTALLING THE INTERMEDIATE DIAPHRAGMS.
2. ALL DIMENSIONS ARE HORIZONTAL AND DO NOT ACCOUNT FOR LONGITUDINAL GRADE.

Preliminary Plans - For Reference Only

FRAMING PLAN
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
FIB	TAS

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
17	36

SHEET	TOTAL
P.249	323

WYA-23-3.47

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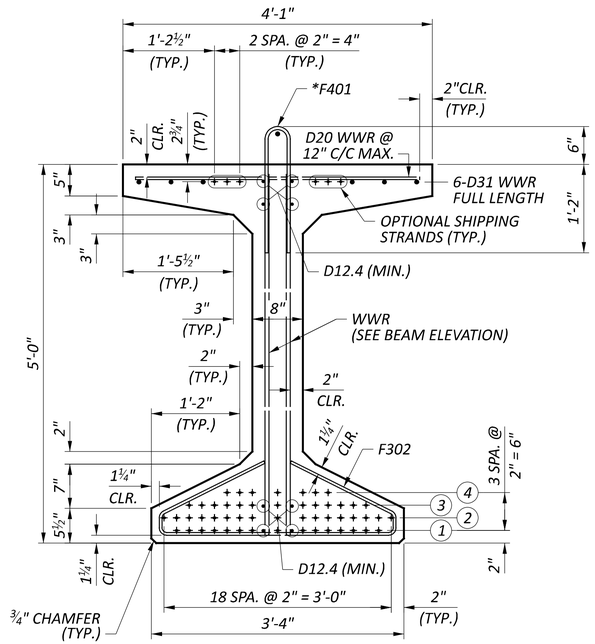
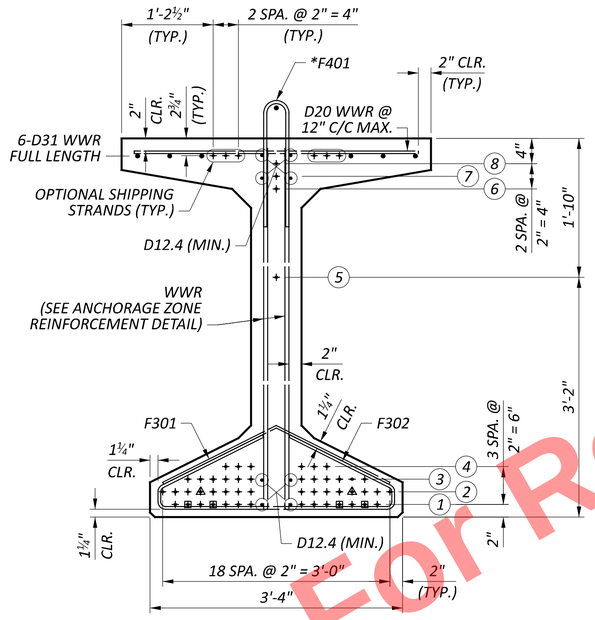


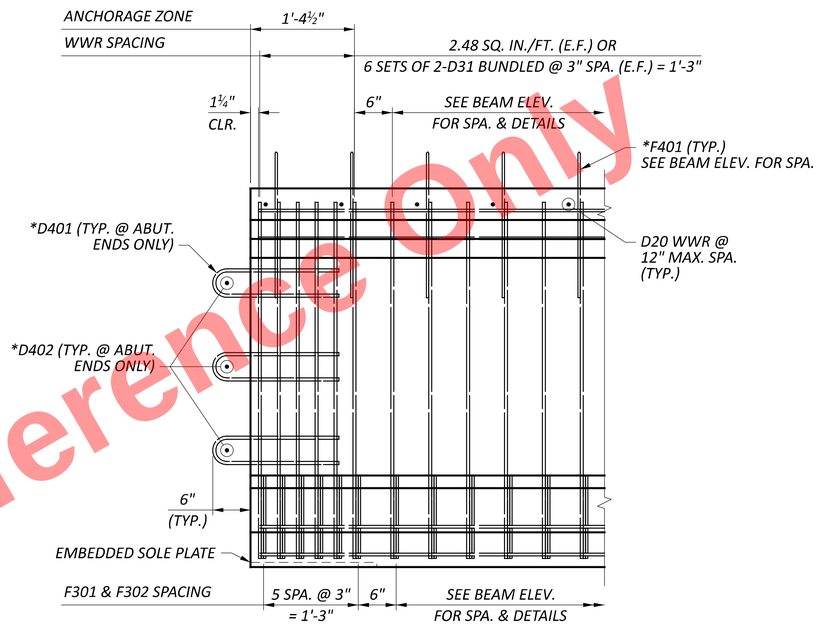
WF60-49 SECTION AT MID-SPAN

(52 STRANDS, TYP.)

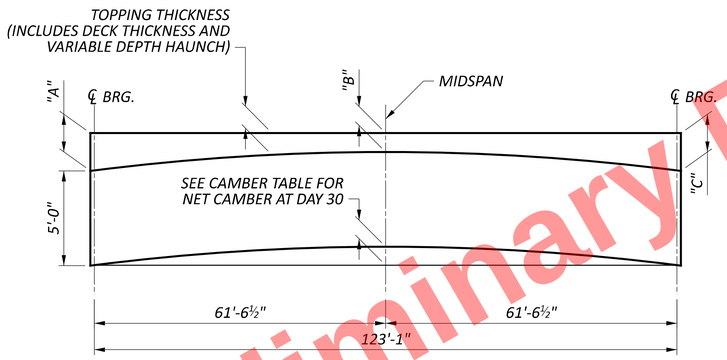


WF60-49 SECTION AT ENDS

(52 STRANDS, TYP.)

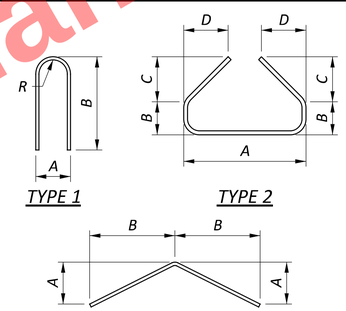


ANCHORAGE ZONE REINFORCEMENT DETAIL



CAMBER AND TOPPING THICKNESS DIAGRAM

BAR BENDING DIAGRAMS



ESTIMATED BEAM PRESTRESSING MATERIALS AND REINFORCEMENT PER BEAM

SECTION	NUMBER OF STRANDS PER ROW ①	②	③	④	⑤	⑥	⑦	⑧	TOTAL STRANDS	BEAM WEIGHT (LBS)	CONCRETE STRENGTH (PSI) f'ci	f'c	F301 BARS REQUIRED	F302 BARS REQUIRED	F401 BARS REQUIRED	D401 BARS REQUIRED
END	14	16	12	6	1	1	1	1	52	143,720	6500	8000	98	177	125	3
MID	15	17	13	7	0	0	0	0	52							

REINFORCING STEEL

MARK	TYPE	A	B	C	D	R
F301	5	9"	1'-6"			
F302	2	3'-1½"	3½"	7½"	1'-3"	
*F401	1	4"	1'-8"			2¼"
*D401	1	4½"	1'-8"			1¾"

LEGEND:

- (#) - STRAND ROW
- ▲ - STRAND DEBONDED 6'-0" EACH END
- ⊞ - STRAND DEBONDED 15'-0" EACH END
- WWR - WELDED WIRE REINFORCEMENT
- * - TO BE EPOXY COATED

CAMBER

LOCATION	SPAN 1 BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5	SPAN 2 BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5
DAY 0 - D(0)	2.98"	2.98"	2.98"	2.98"	2.98"	2.98"	2.98"	2.98"	2.98"	2.98"
DAY 30 - D(30)	4.83"	4.83"	4.83"	4.83"	4.83"	4.83"	4.83"	4.83"	4.83"	4.83"
ADD'L DL DEFLECTION	2.10"	2.32"	2.32"	2.32"	2.10"	2.11"	2.29"	2.29"	2.29"	2.11"

TOPPING THICKNESS

DIMENSION	SPAN 1 BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5	SPAN 2 BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5
"A"	1'-0"	1'-0"	1'-0"	11 15/16"	1'-0"	1'-0 5/16"	1'-0 3/16"	1'-0 3/16"	1'-0 1/4"	1'-0 5/16"
"B"	10 13/16"	10 15/16"	10 15/16"	10 15/16"	10 13/16"	10 13/16"	10 15/16"	10 15/16"	10 15/16"	10 7/8"
"C"	1'-0 3/16"	1'-0"	1'-0 1/16"	1'-0 1/8"	1'-0 3/16"	11 7/8"	11 15/16"	11 7/8"	11 7/8"	11 15/16"

NOTES:

1. FOR ADDITIONAL DETAILS AND NOTES, SEE ODOT STD. DWG. PSID-1-13 AND PRESTRESSED CONCRETE I-BEAM DETAILS SHEET 19/36.
2. ALL PRESTRESSING STRANDS SHALL BE ASTM A416 GRADE 270 SEVEN WIRE, UNCOATED LOW RELAXATION STRANDS WITH A DIAMTER OF 0.6" AND NOMINAL AREA OF 0.217 SQ. IN.
3. THE BEAM SEAT ELEVATIONS ASSUME ESTIMATED CAMBER D30 WITH A SACRIFICIAL HAUNCH THICKNESS OF 2-INCHES.
4. F401, D401, AND D402 BARS ARE TO BE EPOXY COATED, GRADE 60. F401 AND D401 BARS ARE TO BE PAID WITH THE BEAMS. D402 BARS ARE INCLUDED WITH SUPERSTRUCTURE REINFORCING TABLES AND ARE PAID UNDER ITEM 509 - EPOXY COATED REINFORCING.
5. THE BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT INDICATES THE BAR SIZE AND THE REMAINING DIGITS INDICATE THE SEQUENCE NUMBER. ALL REINFORCING STEEL SHALL BE BLACK UNLESS NOTED OTHERWISE.
6. ALL REINFORCING STEEL MAY BE REPLACED WITH EQUIVALENT WWR.
7. REQUIRED LAP LENGTHS ARE AS FOLLOWS:
   2'-0" MINIMUM LAP FOR D20 WWR
   2'-6" MINIMUM LAP FOR D31 WWR
   3'-0" MINIMUM LAP FOR D45 WWR
8. INITIAL PRESTRESSING FORCE = 43,943 LBS/STRAND MAXIMUM HOLD-DOWN CAPACITY REQUIRED PER STRAND = 3,289 LBS/STRAND (12,334 LBS/ANCHOR)

Preliminary Plans - For Reference Only

PRESTRESSED CONCRETE I-BEAM DETAILS (1 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 18 | TOTAL 36
SHEET P.250 | TOTAL 323

WYA-23-3.47

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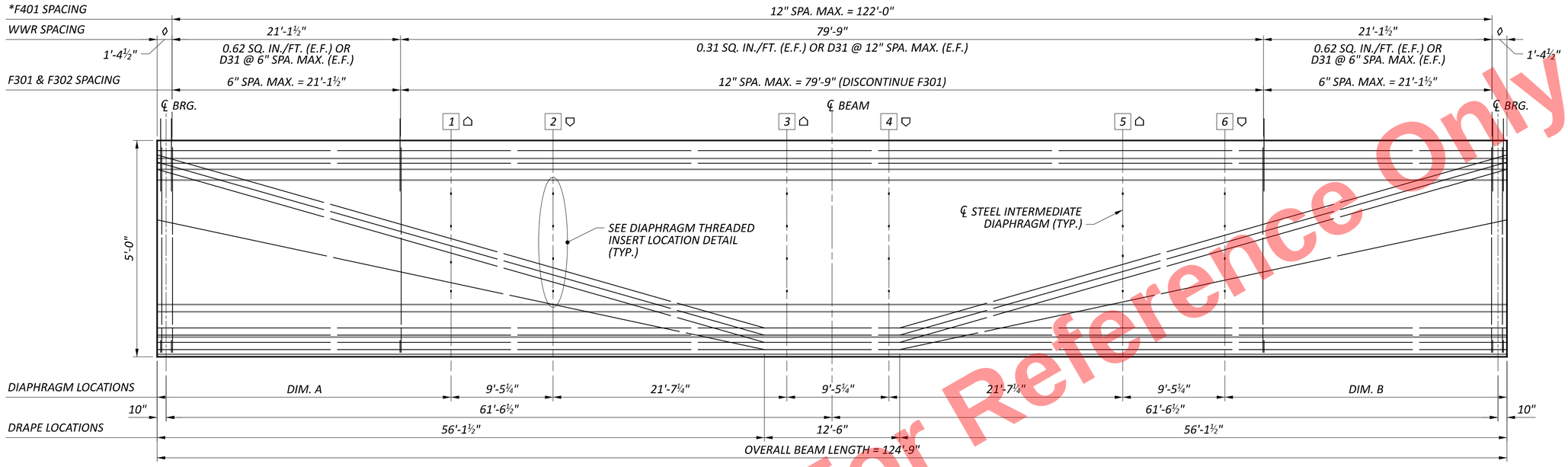


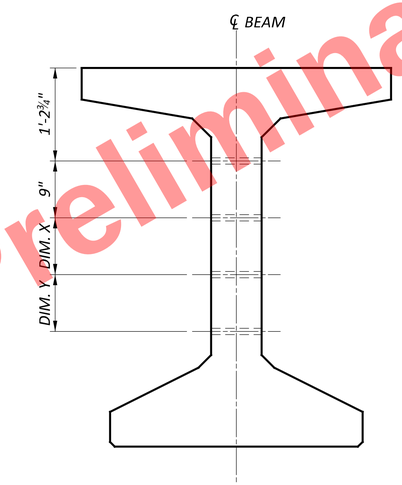
WF60-49 BEAM ELEVATION

STEEL INTERMEDIATE DIAPHRAGMS LOCATIONS

LOCATION	SPAN 1	SPAN 2
DIM. A	27'-1⅞"	26'-0⅞"
DIM. B	26'-0⅞"	27'-1⅞"

STEEL INTERMEDIATE DIAPHRAGMS THREADED INSERT LOCATIONS

LOCATION	SPAN 1						SPAN 2					
	1	2	3	4	5	6	1	2	3	4	5	6
DIM. X	10"	9"	9"	9"	8¼"	9"	9"	8¼"	9"	9"	9"	10"
DIM. Y	8"	9"	9"	9"	9¾"	9"	9"	9¾"	9"	9"	9"	8"



DIAPHRAGM THREADED INSERT LOCATION DETAIL

LEGEND:

- # - STEEL INTERMEDIATE DIAPHRAGM LOCATION
- WWR - WELDED WIRE REINFORCEMENT
- * - TO BE EPOXY COATED
- ◊ - SEE ANCHORAGE ZONE REINFORCEMENT DETAIL ON SHEET PRESTRESSED CONCRETE I-BEAM DETAILS (1 OF 2)
- ⌂ - OMIT FROM BEAMS ON BEAM LINE 1
- ⛉ - OMIT FROM BEAMS ON BEAM LINE 5

NOTES:

1. FOR ADDITIONAL DETAILS AND NOTES, SEE ODOT STD. DWG. PSID-1-13 AND PRESTRESSED CONCRETE I-BEAM DETAILS SHEET 18/36.
2. ALL INTERMEDIATE DIAPHRAGMS SHALL BE GALVANIZED STEEL AND ARE TO BE PAID UNDER ITEM 515 - INTERMEDIATE DIAPHRAGMS, AS PER PLAN.
3. ALL DIMENSIONS ARE HORIZONTAL AND DO NOT TAKE INTO ACCOUNT HORIZONTAL GRADE.
4. ALL REINFORCING STEEL MAY BE REPLACED WITH EQUIVALENT WWR.
5. REQUIRED LAP LENGTHS ARE AS FOLLOWS:
   2'-0" MINIMUM LAP FOR D20 WWR
   2'-6" MINIMUM LAP FOR D31 WWR
   3'-0" MINIMUM LAP FOR D45 WWR

Preliminary Plans - For Reference Only

PRESTRESSED CONCRETE I-BEAM DETAILS (2 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 19 | TOTAL 36
SHEET P.251 | TOTAL 323

WYA-23-3.47

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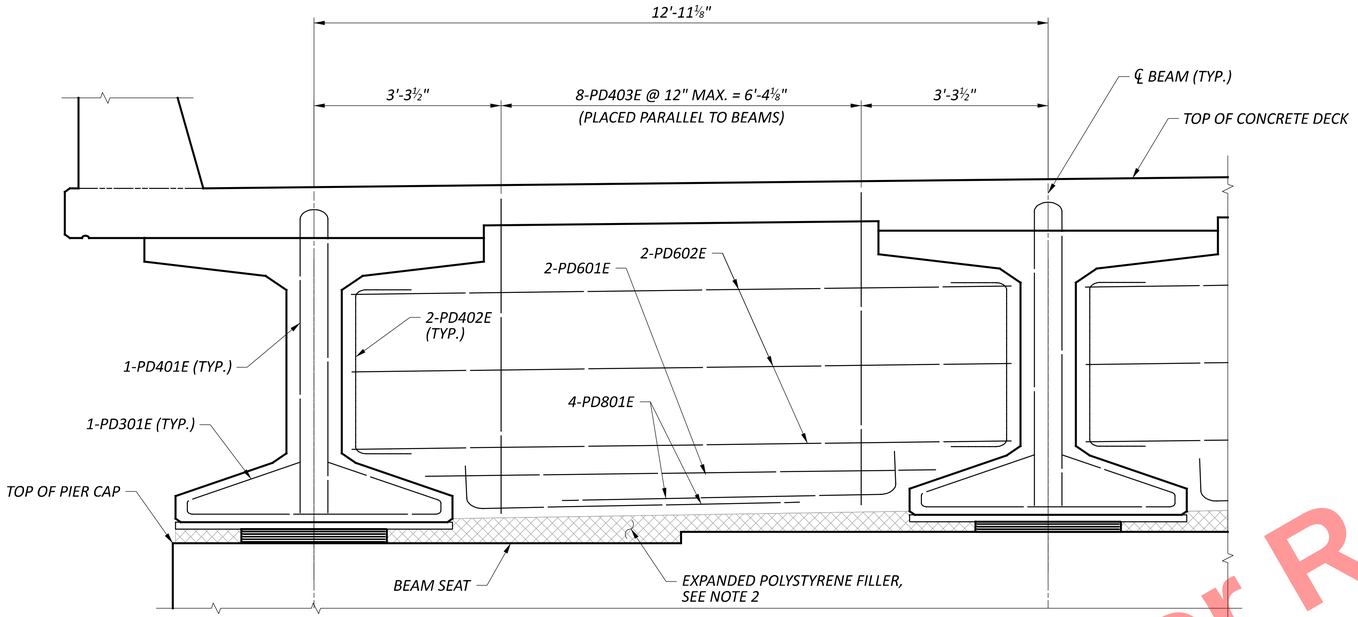
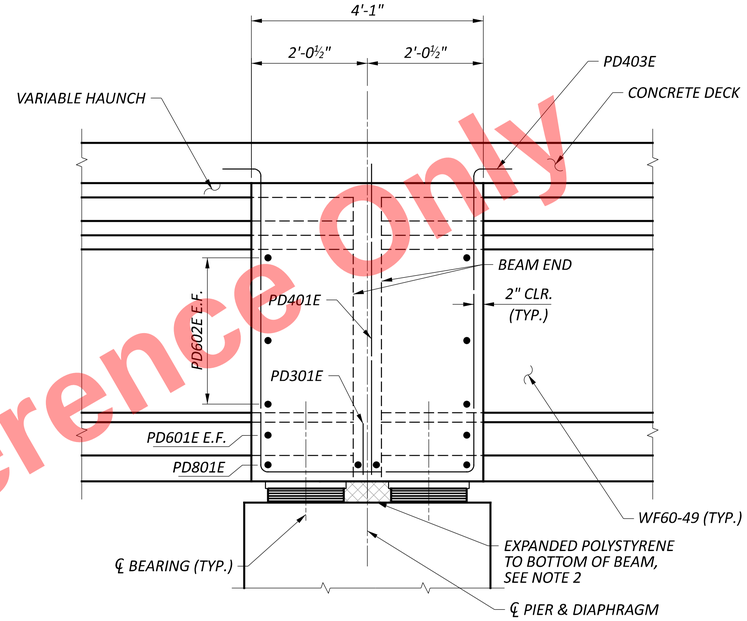
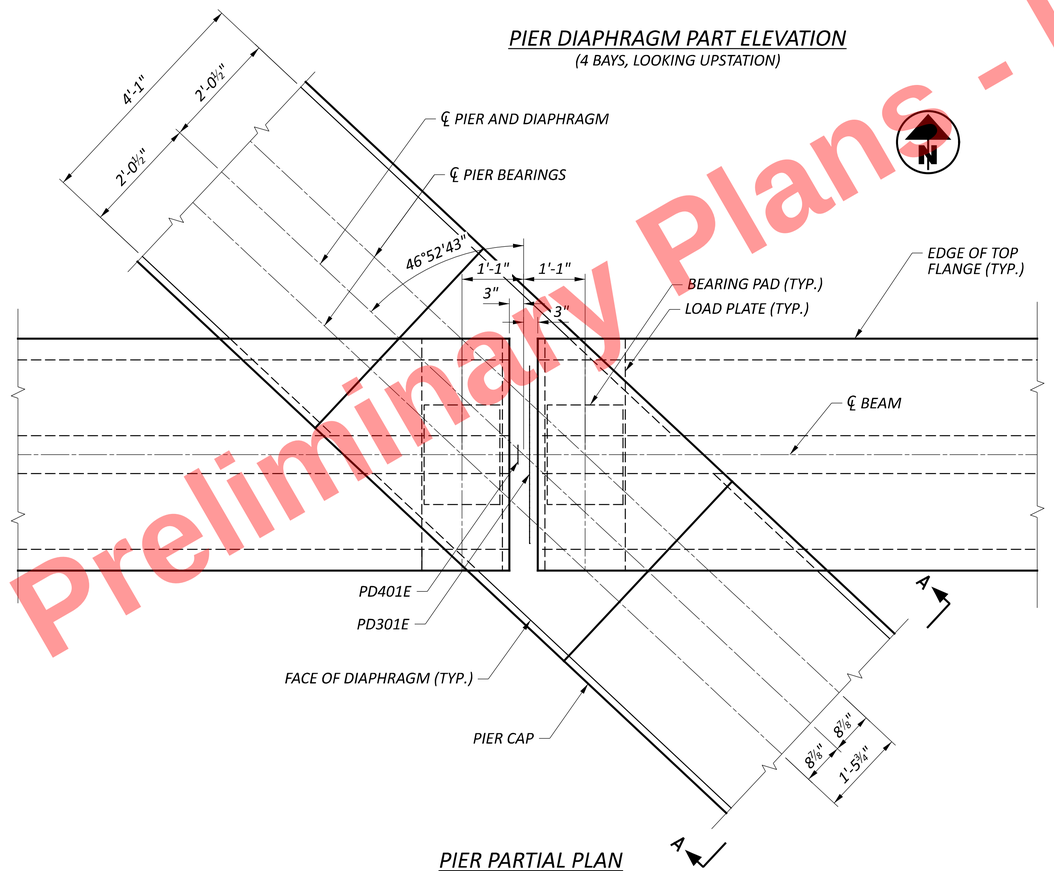


PIER DIAPHRAGM PART ELEVATION
(4 BAYS, LOOKING UPSTATION)



SECTION A-A



PIER PARTIAL PLAN

MIN. LAP LENGTHS	
NO. 8 BARS	4'-2"

NOTES:

1. FOR ADDITIONAL DETAILS NOT SHOWN , SEE ODOT STD. DWG. PSID-1-13.
2. EXPANDED POLYSTYRENE FILLER TO BE PAID UNDER ITEM 511 - CLASSS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN (PIER DIAPHRAGM).

Preliminary Plans - For Reference Only

PIER DIAPHRAGM DETAILS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
FIB	TAS

REVIEWER
RER 02/13/26

PROJECT ID
121424

SUBSET	TOTAL
20	36

SHEET	TOTAL
P.252	323

WYA-23-3.47

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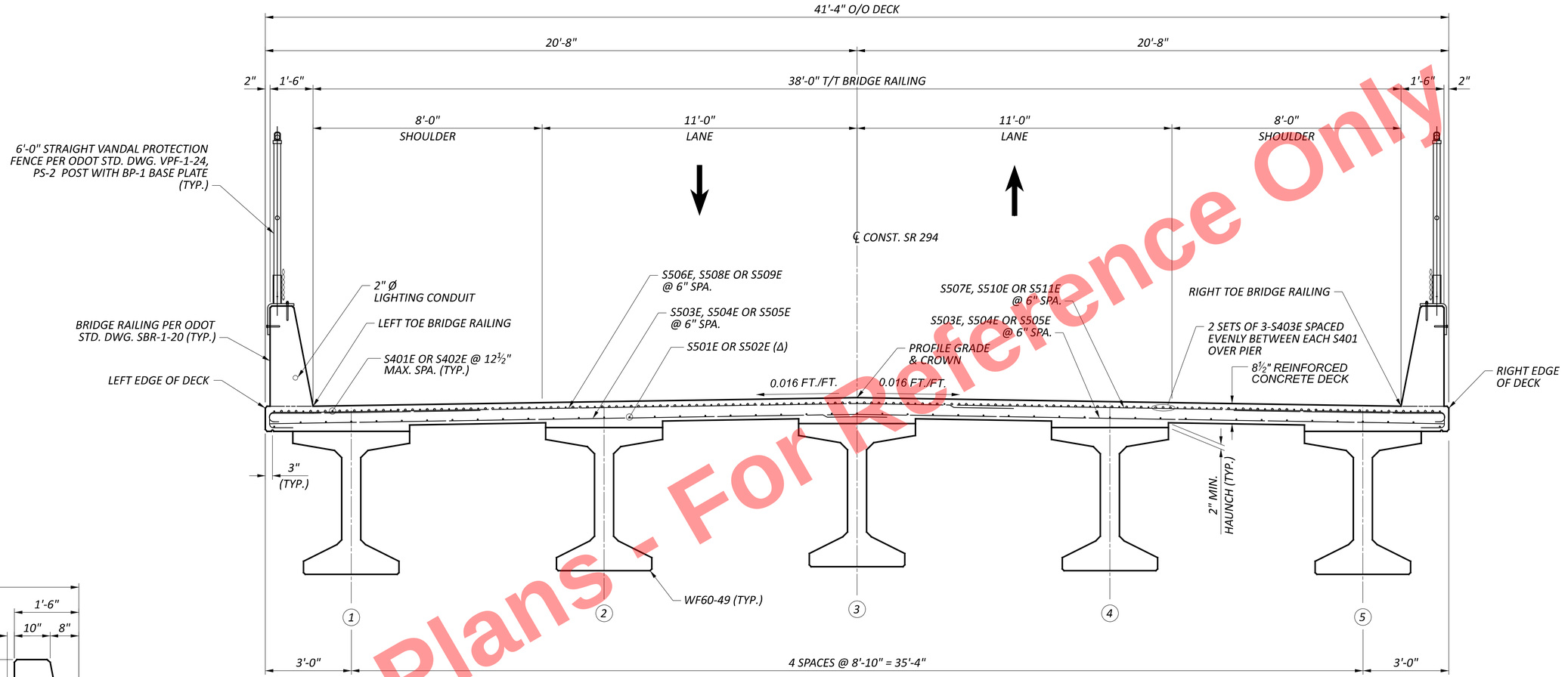
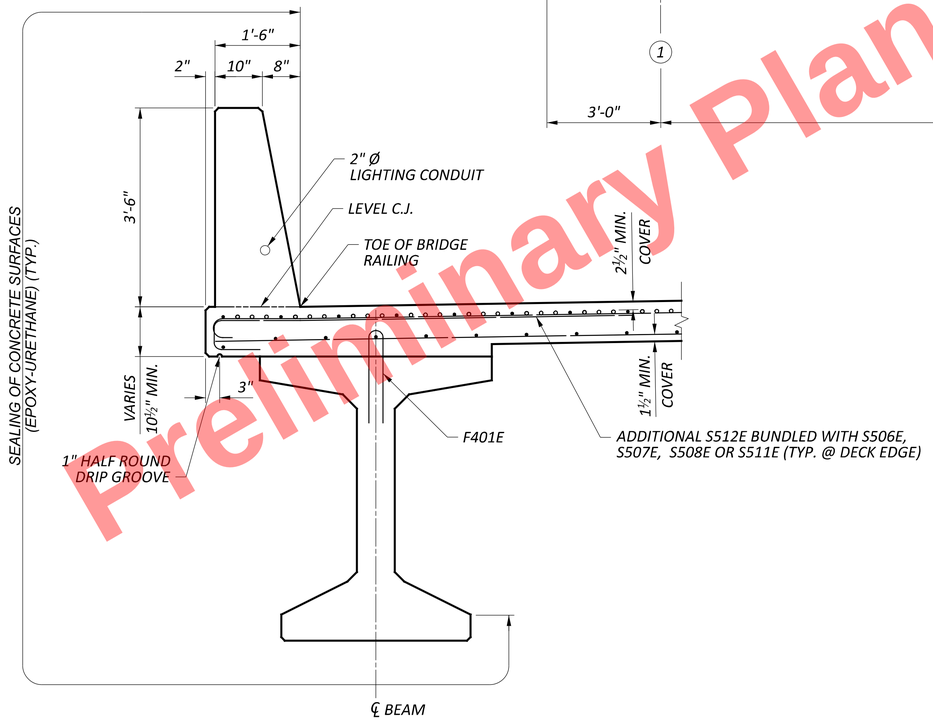


TRANSVERSE SECTION
(LOOKING UPSTATION)



TYPICAL OVERHANG DETAIL
(VANDAL PROTECTION FENCE NOT SHOWN FOR CLARITY)
(LIGHTING CONDUIT IN LEFT BRIDGE RAILING ONLY)

MIN. LAP LENGTHS	
NO. 4 BARS	1'-5"
NO. 5 BARS	2'-1"

LEGEND:

(#) - BEAM LINE DESIGNATION

Δ - SEE DECK PLAN SHEET 22/36 FOR BAR LAYOUT

NOTES:

1. 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.

Preliminary Plans - For Reference Only

TRANVERSE SECTION
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

WYA-23-3.47

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

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FIB	TAS

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
21	36

SHEET	TOTAL
P.253	323

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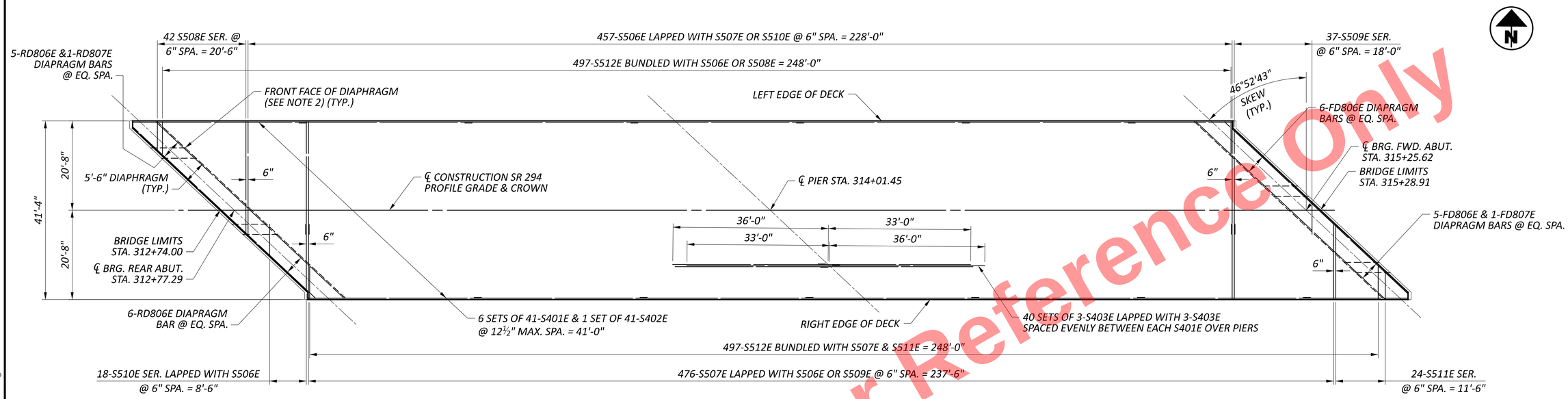
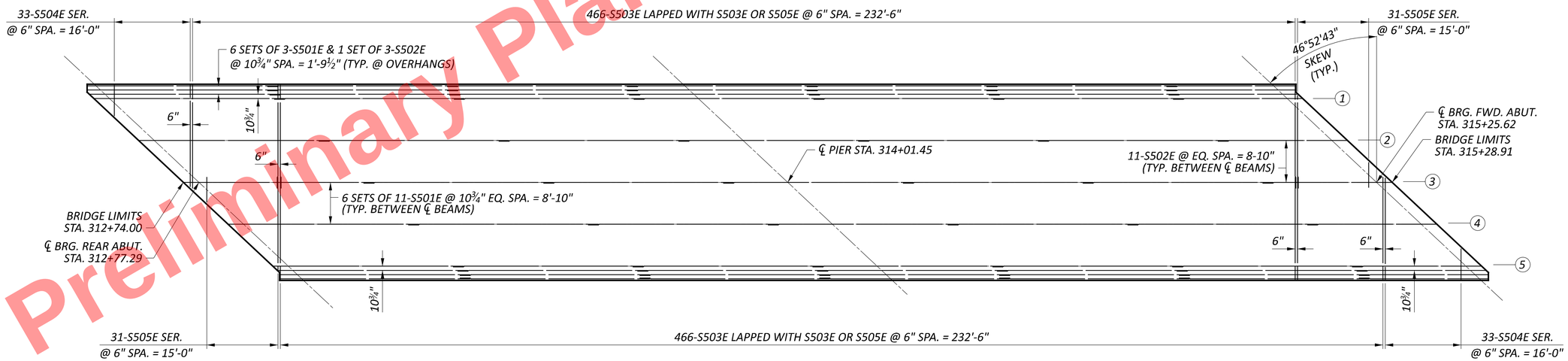


DECK PLAN - TOP



DECK PLAN - BOTTOM

MIN. LAP LENGTHS	
NO. 4 BARS	1'-5"
NO. 5 BARS	2'-1"

LEGEND:

(#) - BEAM LINE DESIGNATION

NOTES:

1. FOR ADDITIONAL INFORMATION, SEE TRANSVERSE SECTION SHEET 21/36.
2. SEE REAR AND FORWARD ABUTMENT SHEETS 6/36 THRU 12/36 FOR ADDITIONAL REINFORCING TO BE INCLUDED IN THE DIAPHRAGMS.

Preliminary Plans - For Reference Only

DECK PLAN
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

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REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
22	36

SHEET	TOTAL
P.254	323

WYA-23-3.47

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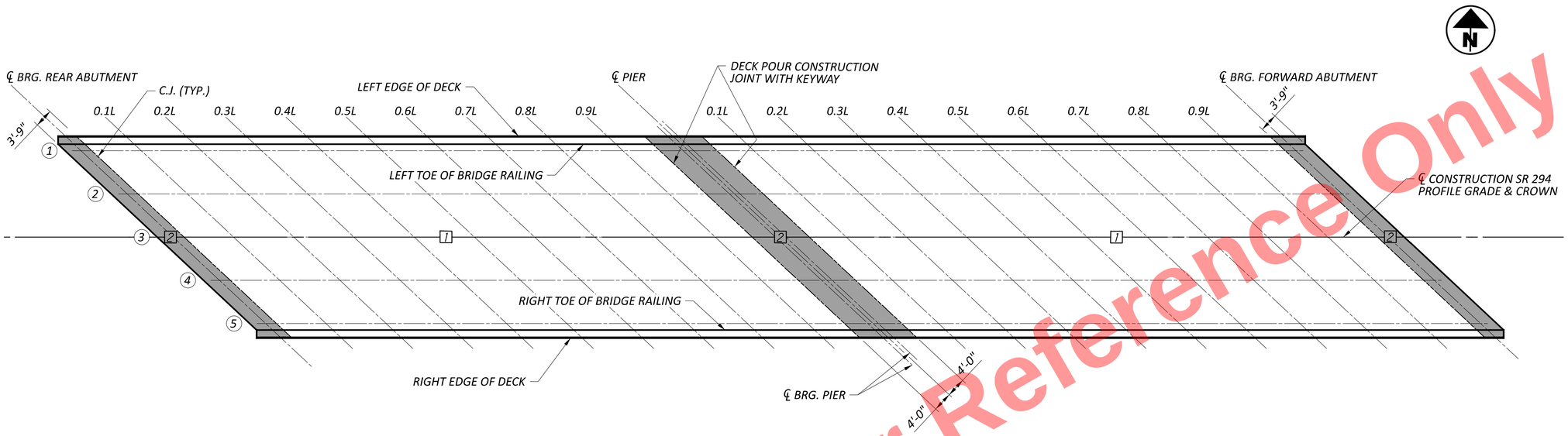
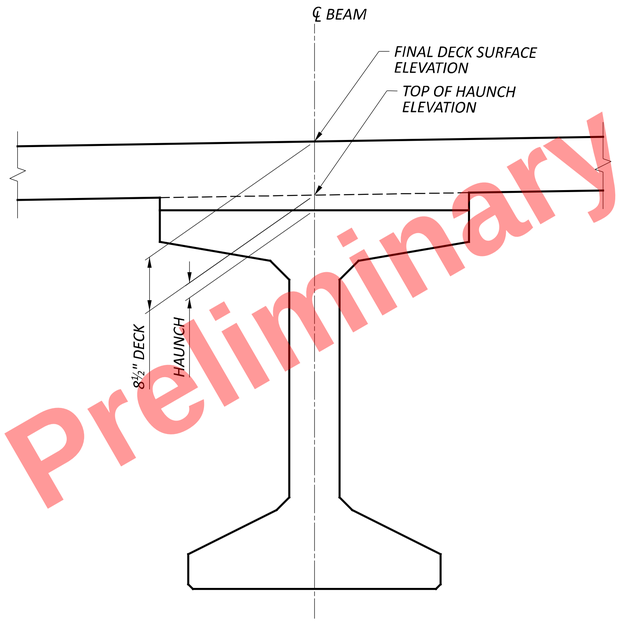


DECK KEY PLAN WITH DECK POUR SEQUENCE



HAUNCH AND DECK ELEVATION DETAIL

DECK POUR SEQUENCE:

1. DO NOT PLACE CONCRETE FOR PIER OR ABUTMENT DIAPHRAGMS PRIOR TO THE PLACEMENT OF DECK CONCRETE IN THE ADJACENT SPANS.

2. PIER DIAPHRAGM CONCRETE: TWO CONSTRUCTION JOINTS SPACED AT 8'-0", PARALLEL TO AND CENTERED ABOUT THE PIERS ARE REQUIRED. DO NOT PLACE CONCRETE BETWEEN THESE CONSTRUCTION JOINTS PRIOR TO THE PLACEMENT OF CONCRETE IN EACH ADJACENT SPAN. UPON COMPLETION OF THE CONCRETE PLACEMENT IN THE ADJACENT SPANS, PLACE THE DIAPHRAGM AND DECK CONCRETE BETWEEN THE CONSTRUCTION JOINTS.

   CONTINUOUS DECK POUR PROCEDURES, WHICH PROCEED FROM END TO END OF THE BRIDGE AND PLACE THE PIER DIAPHRAGM CONCRETE CONCURRENTLY WITH THE DECK CONCRETE, MAY BE APPROVED BY THE ENGINEER IF THE PLACEMENT SUBMITTAL CAN ASSURE THAT THE DECK CONCRETE IN ADJACENT SPANS WILL BE PLACED BEFORE THE PIER DIAPHRAGM CONCRETE HAS REACHED ITS INITIAL SET.

3. ABUTMENT DIAPHRAGM CONCRETE: PLACE THE ABUTMENT 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 ABUTMENT DIAPHRAGM HAS REACHED ITS INTIAL SET.

4. SEAL CONSTRUCTION JOINT WITH A 2'-0" WIDE STRIP OF HIGH MOLECULAR WEIGHT METHACRYLATE RESIN ACCORDING TO C&MS 511.19.

LEGEND:

(#) - BEAM LINE DESIGNATION

[#] - ORDER OF CONCRETE DECK PLACEMENT IN DECK SECTIONS

NOTES:

1. TENTH POINTS IN A SPAN ARE EVENLY SPACED BETWEEN THE CENTERLINES OF BEARING.

Preliminary Plans - For Reference Only

DECK KEY PLAN
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
FIB	TAS

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
23	36

SHEET	TOTAL
P.255	323

WYA-23-3.47

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TOP OF HAUNCH ELEVATIONS

LOCATION	BEAM 1		BEAM 2		BEAM 3		BEAM 4		BEAM 5	
	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.
C/L BRG. REAR ABUT.	312+58.43	898.64	312+67.86	898.91	312+77.29	899.18	312+86.72	899.16	312+96.15	899.13
0.10 L	312+70.73	898.87	312+80.17	899.14	312+89.60	899.40	312+99.03	899.37	313+08.46	899.33
0.20 L	312+83.04	899.07	312+92.47	899.34	313+01.91	899.59	313+11.34	899.56	313+20.77	899.51
0.30 L	312+95.35	899.26	313+04.78	899.53	313+14.22	899.77	313+23.65	899.73	313+33.08	899.66
0.40 L	313+07.66	899.43	313+17.09	899.69	313+26.52	899.93	313+35.96	899.87	313+45.39	899.80
0.50 L	313+19.97	899.57	313+29.40	899.82	313+38.83	900.05	313+48.26	899.99	313+57.70	899.91
0.60 L	313+32.28	899.68	313+41.71	899.93	313+51.14	900.15	313+60.57	900.08	313+70.00	899.99
0.70 L	313+44.58	899.77	313+54.02	900.00	313+63.45	900.22	313+72.88	900.15	313+82.31	900.05
0.80 L	313+56.89	899.83	313+66.32	900.06	313+75.76	900.26	313+85.19	900.18	313+94.62	900.09
0.90 L	313+69.20	899.88	313+78.63	900.09	313+88.07	900.29	313+97.50	900.20	314+06.93	900.10
C/L PIER BRG. LINE 1	313+81.51	899.90	313+90.94	900.10	314+00.37	900.30	314+09.81	900.20	314+19.24	900.10
C/L PIER BRG. LINE 2	313+83.68	899.92	313+93.11	900.12	314+02.54	900.31	314+11.97	900.21	314+21.40	900.11
0.10 L	313+95.98	900.05	314+05.42	900.24	314+14.85	900.42	314+24.28	900.32	314+33.71	900.21
0.20 L	314+08.29	900.16	314+17.72	900.35	314+27.16	900.52	314+36.59	900.41	314+46.02	900.29
0.30 L	314+20.60	900.25	314+30.03	900.43	314+39.46	900.60	314+48.90	900.49	314+58.33	900.35
0.40 L	314+32.91	900.31	314+42.34	900.50	314+51.77	900.66	314+61.21	900.53	314+70.64	900.39
0.50 L	314+45.22	900.36	314+54.65	900.53	314+64.08	900.69	314+73.51	900.55	314+82.95	900.40
0.60 L	314+57.53	900.37	314+66.96	900.54	314+76.39	900.69	314+85.82	900.54	314+95.25	900.38
0.70 L	314+69.83	900.36	314+79.27	900.52	314+88.70	900.66	314+98.13	900.51	315+07.56	900.34
0.80 L	314+82.14	900.33	314+91.57	900.47	315+01.01	900.61	315+10.44	900.45	315+19.87	900.28
0.90 L	314+94.45	900.27	315+03.88	900.41	315+13.31	900.53	315+22.75	900.37	315+32.18	900.20
C/L BRG. FWD. ABUT.	315+06.76	900.20	315+16.19	900.33	315+25.62	900.44	315+35.06	900.27	315+44.49	900.10

SCREED ELEVATIONS

LOCATION	LEOD		LTBR		CROWN & PG		RTBR		REOD	
	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.
C/L BRG. REAR ABUT.	312+55.22	899.28	312+57.00	899.31	312+77.29	899.89	312+97.58	899.83	312+99.36	899.85
0.10 L	312+67.53	899.51	312+69.31	899.53	312+89.60	900.10	313+09.89	900.03	313+11.67	900.05
0.20 L	312+79.84	899.72	312+81.62	899.74	313+01.91	900.30	313+22.20	900.21	313+23.97	900.22
0.30 L	312+92.15	899.91	312+93.93	899.93	313+14.22	900.48	313+34.50	900.37	313+36.28	900.38
0.40 L	313+04.46	900.08	313+06.23	900.10	313+26.52	900.63	313+46.81	900.50	313+48.59	900.51
0.50 L	313+16.76	900.22	313+18.54	900.24	313+38.83	900.76	313+59.12	900.61	313+60.90	900.62
0.60 L	313+29.07	900.34	313+30.85	900.35	313+51.14	900.86	313+71.43	900.69	313+73.21	900.70
0.70 L	313+41.38	900.43	313+43.16	900.44	313+63.45	900.93	313+83.74	900.75	313+85.52	900.76
0.80 L	313+53.69	900.49	313+55.47	900.51	313+75.76	900.97	313+96.05	900.78	313+97.82	900.79
0.90 L	313+66.00	900.54	313+67.78	900.55	313+88.07	901.00	314+08.35	900.79	314+10.13	900.80
C/L PIER BRG. LINE 1	313+78.31	900.57	313+80.08	900.58	314+00.37	901.00	314+20.66	900.79	314+22.44	900.80
C/L PIER BRG. LINE 2	313+80.47	900.59	313+82.25	900.60	314+02.54	901.02	314+22.83	900.80	314+24.61	900.81
0.10 L	313+92.78	900.71	313+94.56	900.72	314+14.85	901.13	314+35.14	900.90	314+36.92	900.90
0.20 L	314+05.09	900.83	314+06.87	900.84	314+27.16	901.23	314+47.45	900.98	314+49.22	900.98
0.30 L	314+17.40	900.92	314+19.18	900.93	314+39.46	901.31	314+59.75	901.04	314+61.53	901.04
0.40 L	314+29.70	900.99	314+31.48	901.00	314+51.77	901.37	314+72.06	901.07	314+73.84	901.07
0.50 L	314+42.01	901.04	314+43.79	901.04	314+64.08	901.39	314+84.37	901.08	314+86.15	901.08
0.60 L	314+54.32	901.05	314+56.10	901.06	314+76.39	901.39	314+96.68	901.07	314+98.46	901.07
0.70 L	314+66.63	901.05	314+68.41	901.05	314+88.70	901.37	315+08.99	901.03	315+10.77	901.02
0.80 L	314+78.94	901.01	314+80.72	901.01	315+01.01	901.31	315+21.30	900.96	315+23.07	900.96
0.90 L	314+91.25	900.96	314+93.03	900.96	315+13.31	901.24	315+33.60	900.88	315+35.38	900.87
C/L BRG. FWD. ABUT.	315+03.55	900.89	315+05.33	900.89	315+25.62	901.15	315+45.91	900.78	315+47.69	900.77

FINAL DECK SURFACE ELEVATIONS

LOCATION	LEOD		LTBR		BEAM 1		BEAM 2		BEAM 3, CROWN, & PG		BEAM 4		BEAM 5		RTBR		REOD	
	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.
C/L BRG. REAR ABUT.	312+55.22	899.28	312+57.00	899.31	312+58.43	899.35	312+67.86	899.62	312+77.29	899.89	312+86.72	899.87	312+96.15	899.84	312+97.58	899.83	312+99.36	899.85
0.10 L	312+67.53	899.45	312+69.31	899.48	312+70.73	899.52	312+80.17	899.78	312+89.60	900.04	312+99.03	900.01	313+08.46	899.98	313+09.89	899.97	313+11.67	899.99
0.20 L	312+79.84	899.62	312+81.62	899.64	312+83.04	899.68	312+92.47	899.94	313+01.91	900.19	313+11.34	900.15	313+20.77	900.11	313+22.20	900.10	313+23.97	900.12
0.30 L	312+92.15	899.77	312+93.93	899.79	312+95.35	899.83	313+04.78	900.08	313+14.22	900.32	313+23.65	900.28	313+33.08	900.23	313+34.50	900.22	313+36.28	900.24
0.40 L	313+04.46	899.91	313+06.23	899.93	313+07.66	899.97	313+17.09	900.21	313+26.52	900.45	313+35.96	900.40	313+45.39	900.34	313+46.81	900.33	313+48.59	900.35
0.50 L	313+16.76	900.05	313+18.54	900.07	313+19.97	900.10	313+29.40	900.34	313+38.83	900.57	313+48.26	900.51	313+57.70	900.44	313+59.12	900.43	313+60.90	900.45
0.60 L	313+29.07	900.17	313+30.85	900.19	313+32.28	900.22	313+41.71	900.45	313+51.14	900.67	313+60.57	900.61	313+70.00	900.54	313+71.43	900.52	313+73.21	900.54
0.70 L	313+41.38	900.29	313+43.16	900.30	313+44.58	900.33	313+54.02	900.56	313+63.45	900.77	313+72.88	900.70	313+82.31	900.62	313+83.74	900.61	313+85.52	900.62
0.80 L	313+53.69	900.39	313+55.47	900.40	313+56.89	900.44	313+66.32	900.65	313+75.76	900.86	313+85.19	900.78	313+94.62	900.69	313+96.05	900.68	313+97.82	900.69
0.90 L	313+66.00	900.49	313+67.78	900.50	313+69.20	900.53	313+78.63	900.74	313+88.07	900.94	313+97.50	900.85	314+06.93	900.75	314+08.35	900.74	314+10.13	900.75
C/L PIER BRG. LINE 1	313+78.31	900.57	313+80.08	900.58	313+81.51	900.61	313+90.94	900.81	314+00.37	901.00	314+09.81	900.91	314+19.24	900.81	314+20.66	900.79	314+22.44	900.80
C/L PIER BRG. LINE 2	313+80.47	900.59	313+82.25	900.60	313+83.68	900.63	313+93.11	900.82	314+02.54	901.02	314+11.97	900.92	314+21.40	900.82	314+22.83	900.80	314+24.61	900.81
0.10 L	313+92.78	900.66	313+94.56	900.67	313+95.98	900.70	314+05.42	900.89	314+14.85	901.07	314+24.28	900.97	314+33.71	900.86	314+35.14	900.84	314+36.92	900.85
0.20 L	314+05.09	900.72	314+06.87	900.73	314+08.29	900.76	314+17.72	900.94	314+27.16	901.12	314+36.59	901.01	314+46.02	900.89	314+47.45	900.87	314+49.22	900.88
0.30 L	314+17.40	900.78	314+19.18	900.79	314+20.60	900.81	314+30.03	900.99	314+39.46	901.16	314+48.90	901.04	314+58.33	900.91	314+59.75	900.89	314+61.53	900.90
0.40 L	314+29.70	900.82	314+31.48	900.83	314+32.91	900.86	314+42.34	901.02	314+51.77	901.19	314+61.21	901.06	314+70.64	900.93	314+72.06	900.91	314+73.84	900.91
0.50 L	314+42.01	900.86	314+43.79	900.86	314+45.22	900.89	314+54.65	901.05	314+64.08	901.20	314+73.51	901.07	314+82.95	900.93	314+84.37	900.91	314+86.15	900.91
0.60 L	314+54.32	900.89	314+56.10	900.89	314+57.53	900.91	314+66.96	901.07	314+76.39	901.21	314+85.82	901.07	314+95.25	900.92	314+96.68	900.90	314+98.46	900.90
0.70 L	314+66.63	900.90	314+68.41	900.90	314+69.83	900.93	314+79.27	901.07	314+88.70	901.21	314+98.13	901.06	315+07.56	900.91	315+08.99	900.89	315+10.77	900.88
0.80 L	314+78.94	900.91	314+80.72	900.91	314+82.14	900.93	314+91.57	901.07	315+01.01	901.20	315+10.44	901.05	315+19.87	900.88	315+21.30	900.86	315+23.07	900.85
0.90 L	314+91.25	900.91	314+93.03	900.91	314+94.45	900.93	315+03.88	901.06	315+13.31	901.18	315+22.75	901.02	315+32.18	900.85	315+33.60	900.82	315+35.38	900.82
C/L BRG. FWD. ABUT.	315+03.55	900.89	315+05.33	900.89	315+06.76	900.91	315+16.19	901.03	315+25.62	901.15	315+35.06	900.98	315+44.49	900.80	315+45.91	900.78	315+47.69	900.77

Preliminary Plan - For Review Only

NOTES:

1. TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE BEAM HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
2. SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION 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 OCCURRED.
4. FOR DECK ELEVATION LOCATION DETAILS, SEE SHEET 21/36 OR 23/36.

TOP OF HAUNCH, SCREED, AND FINAL DECK SURFACE ELEVATIONS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 24 | TOTAL 36
SHEET P.256 | TOTAL 323

WYA-23-3.47

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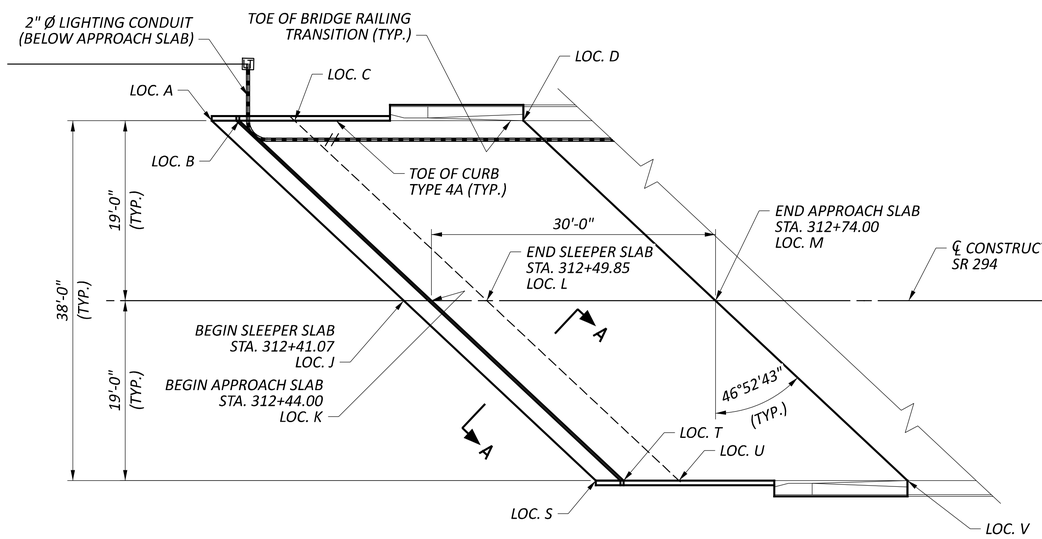
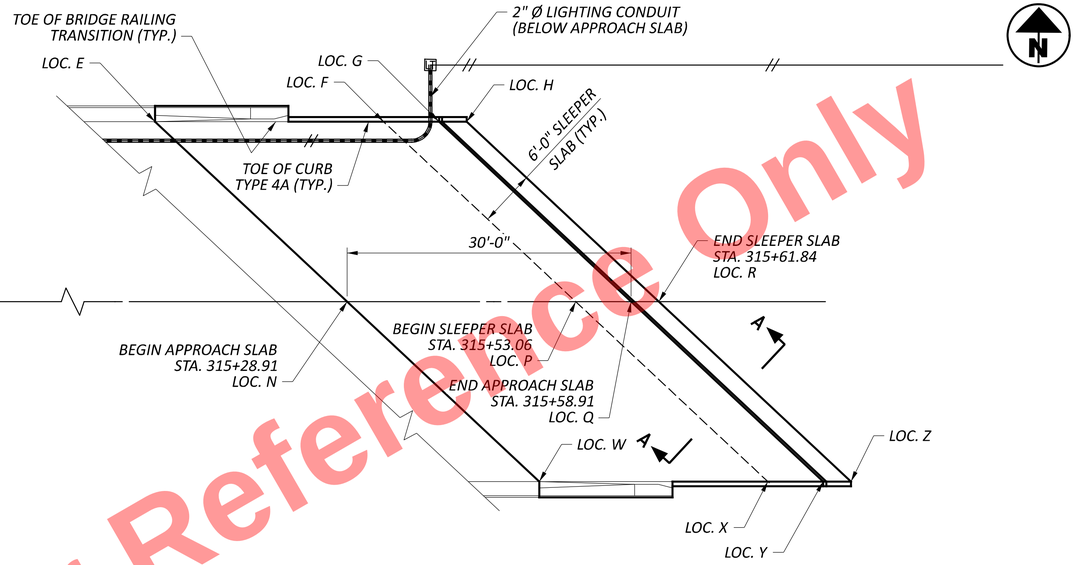
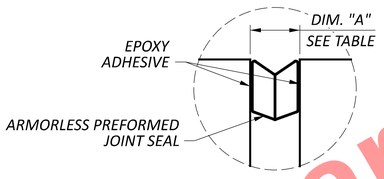


REAR APPROACH SLAB PLAN

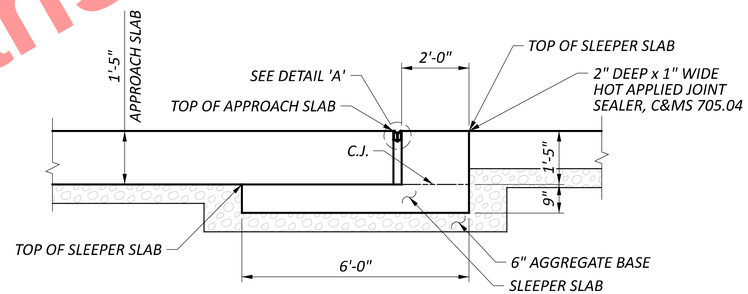


FORWARD APPROACH SLAB PLAN

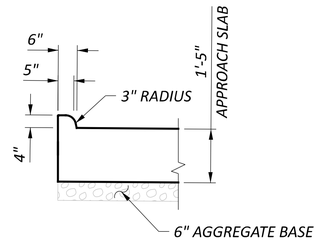
APPROACH SLAB PLAN



DETAIL 'A'



SECTION A-A



TYPICAL TYPE 4-A CURB DETAIL

REAR APPROACH SLAB ELEV.			
LOCATION	STATION	TOP OF APPROACH SLAB	TOP OF SLEEPER SLAB
A	312+20.78	--	898.75
B	312+23.71	898.80	--
C	312+29.56	898.89	897.47
D	312+53.71	899.26	--
J	312+41.07	--	899.38
K	312+44.00	899.42	--
L	312+49.85	899.51	898.09
M	312+74.00	899.84	--
S	312+61.36	--	899.37
T	312+64.28	899.41	--
U	312+70.14	899.49	898.07
V	312+94.28	899.80	--

FORWARD APPROACH SLAB ELEV.			
LOCATION	STATION	TOP OF APPROACH SLAB	TOP OF SLEEPER SLAB
E	315+08.62	900.89	--
F	315+32.77	900.83	899.41
G	315+38.62	900.81	--
H	315+41.55	--	900.79
N	315+28.91	901.14	--
P	315+53.06	901.05	899.63
Q	315+58.91	901.02	--
R	315+61.84	--	901.01
W	315+49.20	900.76	--
X	315+73.35	900.64	899.22
Y	315+79.20	900.61	--
Z	315+82.13	--	900.59

SLEEPER SLAB JOINTS	
"A" DIMENSION FOR SETTING JOINT	
AMBIENT TEMPERATURE	"A" (in.)
@ 30 °F	2.50
@ 40 °F	2.38
@ 50 °F	2.27
@ 60 °F	2.15
@ 70 °F	2.03
@ 80 °F	1.91
@ 90 °F	1.80

NOTES:

1. SEE ODOT STD. DWGS. AS-1-15 AND AS-2-15 TYPE C INSTALLATION FOR ADDITIONAL DETAILS.
2. FOR CURB TYPE 4-A DETAILS, SEE ODOT STD. DWG BP-5.1. THE CURB TYPE 4-A ON THE SLEEPER SLAB WILL BE PAID FOR WITH ITEM 526 - TYPE C INSTALLATION, AS PER PLAN.
3. ARMORLESS PREFORMED JOINT SEAL IS TO BE JEENE 65W AS MANUFACTURED BY WATSON BOWMAN ACME CORP. OR EQUIVALENT APPROVED BY THE ENGINEER AND IS TO BE PAID FOR UNDER ITEM 516 - ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN. DO NOT INSTALL JOINT WHILE TEMPERATURE IS BELOW 30° F.

Preliminary Plans - For Reference Only

APPROACH SLAB DETAILS
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
25	36

SHEET	TOTAL
P.257	323

WYA-23-3.47

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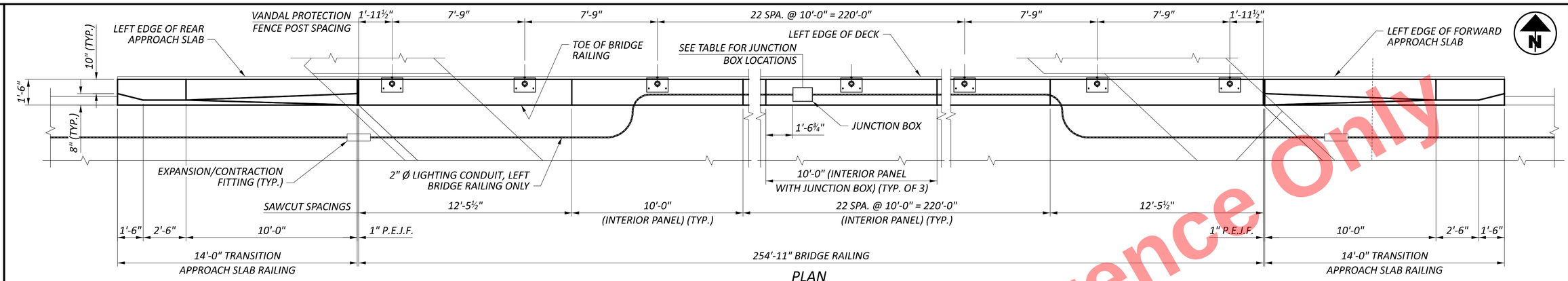
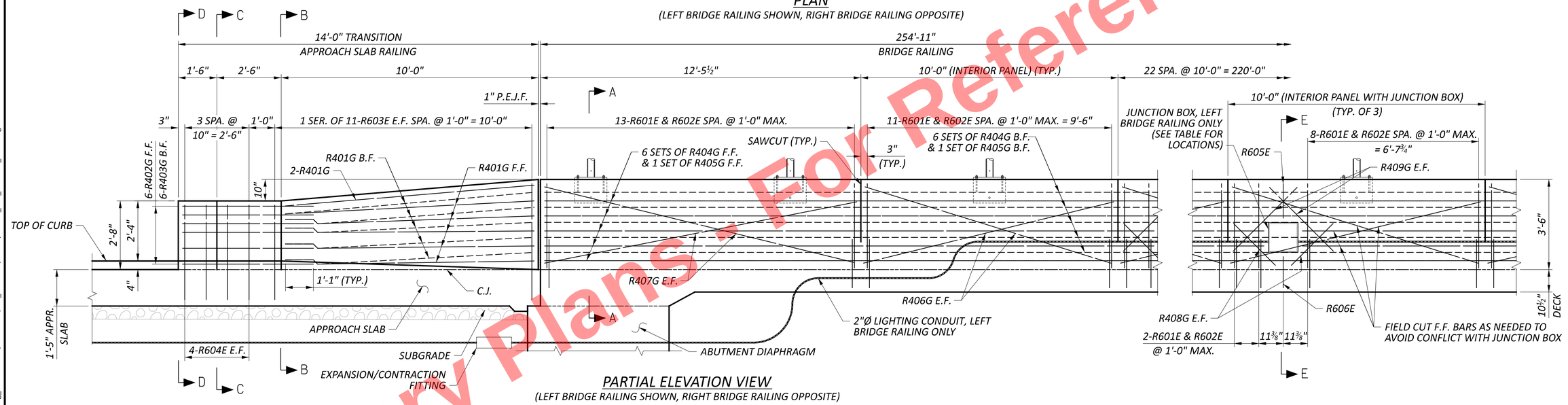


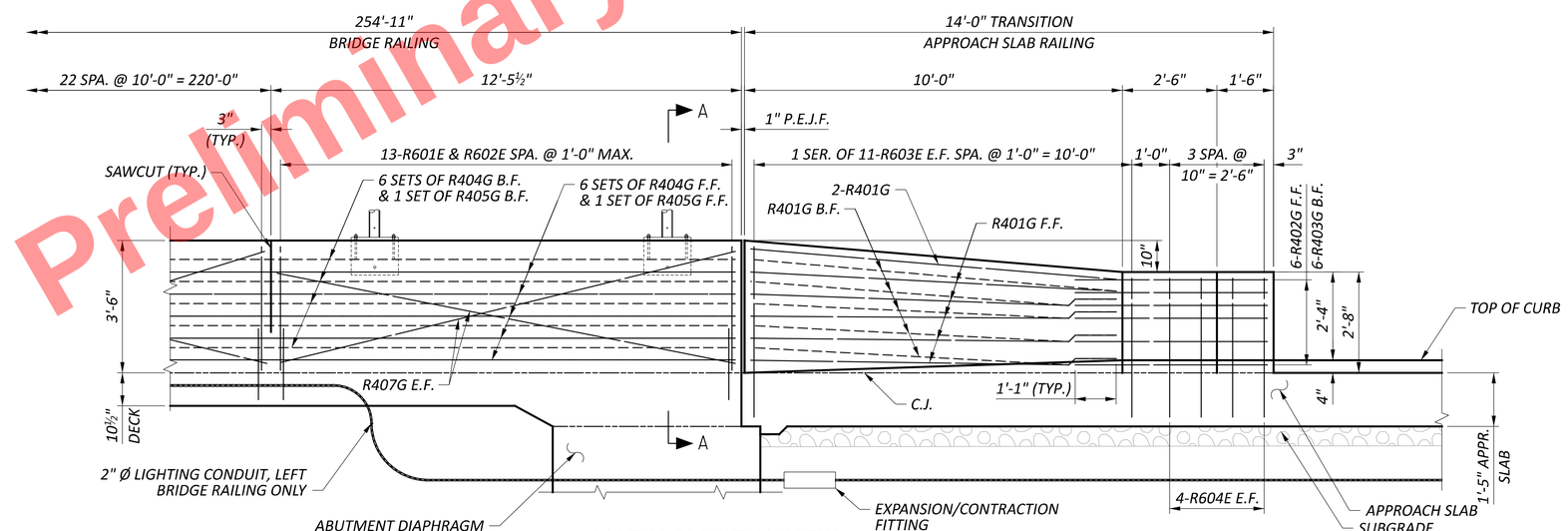
PLAN

(LEFT BRIDGE RAILING SHOWN, RIGHT BRIDGE RAILING OPPOSITE)



PARTIAL ELEVATION VIEW

(LEFT BRIDGE RAILING SHOWN, RIGHT BRIDGE RAILING OPPOSITE)



JUNCTION BOX LOCATIONS (LEFT BRIDGE RAILING ONLY)

LOCATION	STATION
1	312+78.32
2	313+78.32
3	314+78.32

NOTES:

1. FOR SECTIONS A-A THRU E-E, SEE SHEET 27/36.
2. FOR ADDITIONAL DETAILS, SEE ODOT STD. DWG. SBR-1-20 & VPF-1-24.
3. ALL DIMENSIONS ARE ALONG THE TOE OF BRIDGE RAILING.
4. FOR JUNCTION BOX AND LIGHTING CONDUIT DETAILS, SEE ODOT STANDARD CONSTRUCTION DRAWINGS HL-30.41 & ITS-14.50.

Preliminary Plans - For Reference Only

BRIDGE RAILING DETAILS (1 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MRV | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 26 | TOTAL 36
SHEET P.258 | TOTAL 323

WYA-23-3.47

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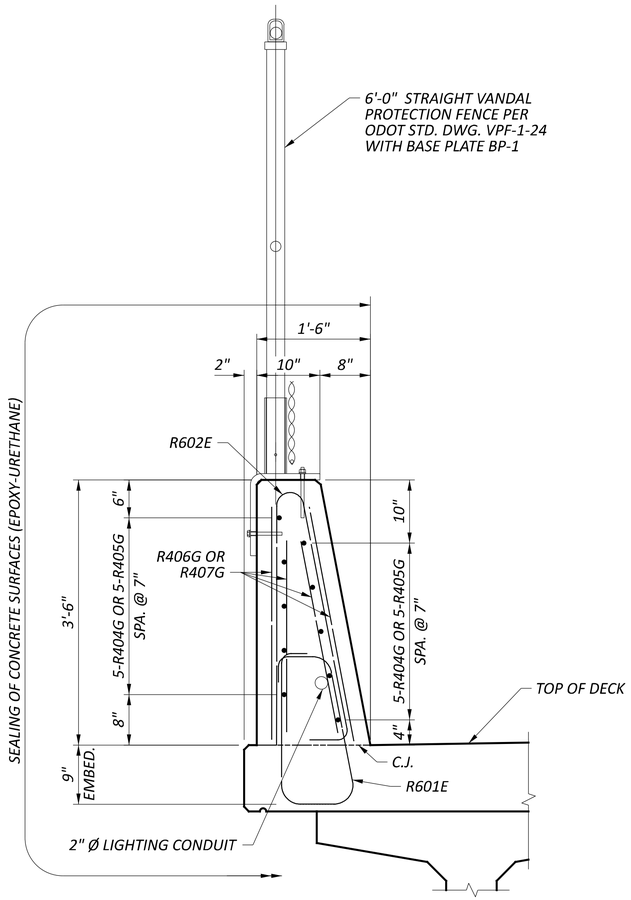
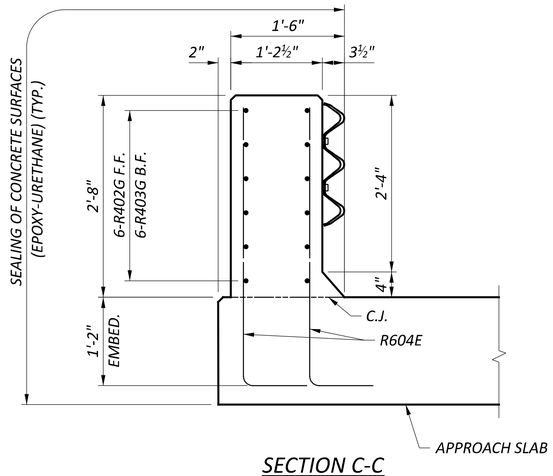
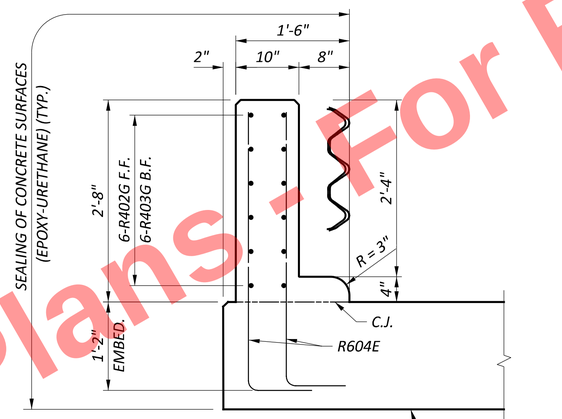


SECTION A-A

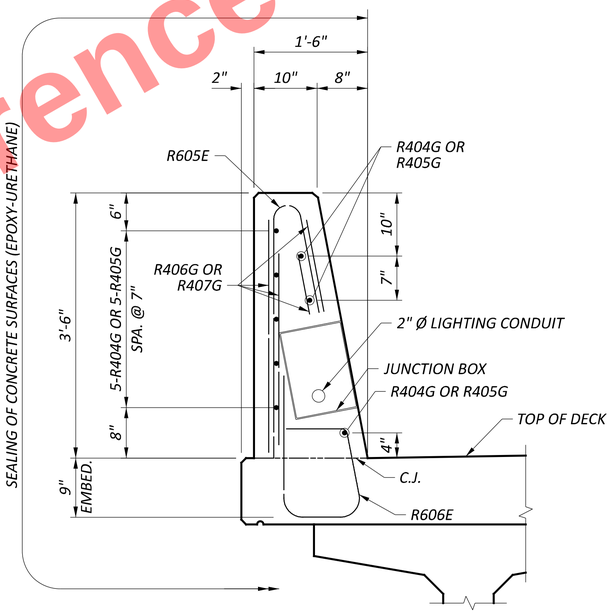
LIGHTING CONDUIT IN LEFT BRIDGE RAILING ONLY



SECTION C-C

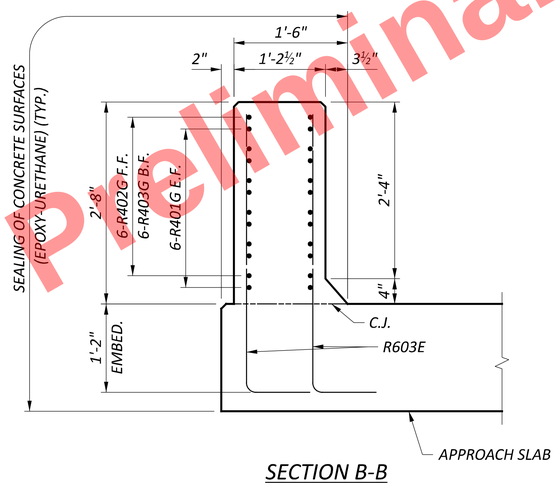


SECTION D-D

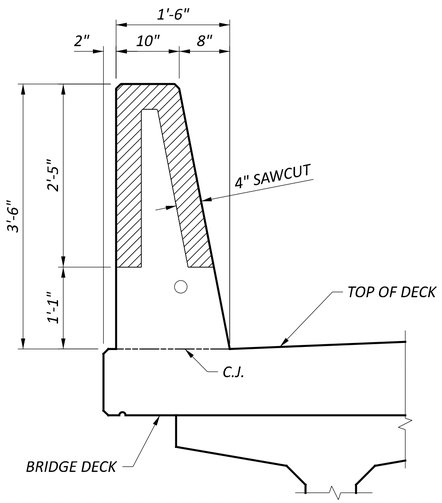


SECTION E-E

VANDAL PROTECTION FENCE NOT SHOWN FOR CLARITY
JUNCTION BOX AND LIGHTING CONDUIT IN LEFT BRIDGE RAILING ONLY



SECTION B-B



SAWCUT DETAIL

NOTES:

1. FOR THE LOCATION OF SECTIONS A-A THRU E-E, SEE SHEET 26/36.
2. FOR ADDITIONAL BRIDGE RAILING DETAILS, SEE ODOT STD. DWG. SBR-1-20 & VPF-1-24.
3. FOR JUNCTION BOX AND LIGHTING CONDUIT DETAILS, SEE ODOT STANDARD CONSTRUCTION DRAWINGS HL-30.41 & ITS-14.50.

Preliminary Plans - For Reference Only

BRIDGE RAILING DETAILS (2 OF 2)
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MRV	JOL

REVIEWER: RER 02/13/26

PROJECT ID: 121424

SUBSET	TOTAL
27	36

SHEET	TOTAL
P.259	323

WYA-23-3.47

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MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
REAR ABUTMENT (60 KSI, EPOXY COATED)												
RA501E	ECSR	76	18'-2"	1,440	3	6'-2"	2'-7"					
RA502E	ECSR	20	37'-8"	786	STR							
RA503E	ECSR	106	14'-3"	1,575	2	4'-8"	5'-2"	4'-8"				
RA504E	ECSR	64	9'-8"	645	1	5'-2"	4'-8"					
RA505E	ECSR	10	6'-0"	63	STR							
RA506E	ECSR	3	10'-10"	34	3	2'-6"	2'-7"					
RA507E	ECSR	10	5'-0"	52	STR							
RA508E	ECSR	3	9'-2"	29	3	1'-8"	2'-7"					
RA509E	ECSR	26	12'-8"	343	STR							
RA510E	ECSR	13	8'-9"	119	2	3'-3"	2'-6"	3'-3"				
RA511E	ECSR	22	11'-3"	258	STR							
RA512E	ECSR	25	12'-1"	315	STR							
RA513E	ECSR	4	7'-11"	33	2	3'-3"	1'-8"	3'-3"				
RA514E	ECSR	11	7'-7"	87	STR							
RA515E	ECSR	11	5'-4"	61	STR							
RA516E	ECSR	11	6'-6"	75	STR							
RA517E	ECSR	11 SER. OF 3	1'-3" TO 3'-2"	76	STR							11 ½"
RA518E	ECSR	11	7'-7"	87	STR							
RA519E	ECSR	11	4'-9"	54	11	1'-1"	2'-1"	2'-9"				
RA520E	ECSR	11	5'-11"	68	11	1'-11"	2'-7"	3'-2"				
RA521E	ECSR	1 SER. OF 6	7'-8" TO 12'-3"	62	2	3'-3"	1'-5" TO 6'-0"	3'-3"				11"
RA801E	ECSR	15	27'-4"	1,095	STR							
RA802E	ECSR	15	26'-9"	1,071	STR							
			SUBTOTAL	8,428	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
FORWARD ABUTMENT (60 KSI, EPOXY COATED)												
FA501E	ECSR	76	18'-2"	1,440	3	6'-2"	2'-7"					
FA502E	ECSR	20	37'-8"	786	STR							
FA503E	ECSR	106	13'-5"	1,483	2	4'-3"	5'-2"	4'-3"				
FA504E	ECSR	64	9'-3"	617	1	5'-2"	4'-3"					
FA505E	ECSR	10	6'-0"	63	STR							
FA506E	ECSR	3	10'-10"	34	3	2'-6"	2'-7"					
FA507E	ECSR	10	5'-0"	52	STR							
FA508E	ECSR	3	9'-2"	29	3	1'-8"	2'-7"					
FA509E	ECSR	26	12'-3"	332	STR							
FA510E	ECSR	13	8'-9"	119	2	3'-3"	2'-6"	3'-3"				
FA511E	ECSR	22	11'-3"	258	STR							
FA512E	ECSR	25	12'-1"	315	STR							
FA513E	ECSR	4	7'-11"	33	2	3'-3"	1'-8"	3'-3"				
FA514E	ECSR	11	7'-7"	87	STR							
FA515E	ECSR	11	5'-4"	61	STR							
FA516E	ECSR	11	6'-6"	75	STR							
FA517E	ECSR	11 SER. OF 3	1'-3" TO 3'-2"	76	STR							11 ½"
FA518E	ECSR	11	7'-7"	87	STR							
FA519E	ECSR	11	4'-9"	54	11	1'-1"	2'-1"	2'-9"				
FA520E	ECSR	11	5'-11"	68	11	1'-11"	2'-7"	3'-2"				
FA521E	ECSR	1 SER. OF 6	7'-8" TO 12'-3"	62	2	3'-3"	1'-5" TO 6'-0"	3'-3"				11"
FA801E	ECSR	15	27'-4"	1,095	STR							
FA802E	ECSR	15	26'-9"	1,071	STR							
			SUBTOTAL	8,297	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
REAR DIAPHRAGM (60 KSI, EPOXY COATED)												
RD401E	ECSR	8	1'-6"	8	STR							
RD402E	ECSR	15	4'-0"	40	STR							
RD403E	ECSR	4	11'-2"	30	9	9"	8"	9'-3"	1'-6"			
RD404E	ECSR	20	4'-10"	65	2	1'-0"	3'-0"	1'-0"				
RD405E	ECSR	4	7'-8"	20	STR							
RD406E	ECSR	1	10'-5"	7	9	9"	8"	8'-6"	1'-6"			
RD407E	ECSR	4	8'-4"	22	10	9"	8"	6'-2"	1'-3"			
RD408E	ECSR	1	7'-7"	5	10	9"	8"	5'-5"	1'-3"			
RD501E	ECSR	36	20'-2"	757	3	5'-2"	4'-7"					
RD502E	ECSR	36	15'-7"	585	2	5'-7"	4'-8"	5'-7"				
RD503E	ECSR	6	16'-2"	101	3	5'-2"	2'-7"					
RD504E	ECSR	6	12'-11"	81	2	4'-3"	4'-8"	4'-3"				
*RD601E	ECSR	10	16'-1"	242	3	3'-11"	3'-8 ½"					
RD801E	ECSR	26	6'-5"	445	18	4'-2"	1'-0"	1'-0"				
RD802E	ECSR	4	22'-10"	244	1	1'-4"	21'-8"					
RD803E	ECSR	8	14'-7"	312	1	1'-4"	13'-5"					
RD804E	ECSR	3	9'-9"	78	1	1'-4"	8'-7"					
RD805E	ECSR	1	7'-8"	20	1	1'-4"	6'-6"					
RD806E	ECSR	6	31'-7"	506	STR							
RD807E	ECSR	8	30'-7"	653	19	29'-5"	10"	11"				
RD808E	ECSR	6	5'-4"	85	17	3'-6"						
RD809E	ECSR	12	13'-5"	430	17	11'-7"						
RD810E	ECSR	16	6'-3"	267	18	4'-0"	1'-0"	1'-0"				
RD811E	ECSR	5	6'-6"	87	19	5'-1"	1'-0"	1'-1"				
*RD812E	ECSR	24	13'-8"	876	5	2'-8"	3'-7"	2'-4"				
			SUBTOTAL	4,848	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
FORWARD DIAPHRAGM (60 KSI, EPOXY COATED)												
FD401E	ECSR	8	1'-6"	8	STR							
FD402E	ECSR	15	4'-0"	40	STR							
FD403E	ECSR	4	11'-2"	30	9	9"	8"	9'-3"	1'-6"			
FD404E	ECSR	20	4'-10"	65	2	1'-0"	3'-0"	1'-0"				
FD405E	ECSR	4	7'-8"	20	STR							
FD406E	ECSR	1	10'-5"	7	9	9"	8"	8'-6"	1'-6"			
FD407E	ECSR	4	8'-4"	22	10	9"	8"	6'-2"	1'-3"			
FD408E	ECSR	1	7'-7"	5	10	9"	8"	5'-5"	1'-3"			
FD501E	ECSR	36	20'-2"	757	3	5'-2"	4'-7"					
FD502E	ECSR	36	15'-7"	585	2	5'-7"	4'-8"	5'-7"				
FD503E	ECSR	6	16'-2"	101	3	5'-2"	2'-7"					
FD504E	ECSR	6	12'-11"	81	2	4'-3"	4'-8"	4'-3"				
*FD601E	ECSR	10	16'-1"	242	3	3'-11"	3'-8 ½"					
FD801E	ECSR	26	6'-5"	445	18	4'-2"	1'-0"	1'-0"				
FD802E	ECSR	4	22'-10"	244	1	1'-4"	21'-8"					
FD803E	ECSR	8	14'-7"	312	1	1'-4"	13'-5"					
FD804E	ECSR	3	9'-9"	78	1	1'-4"	8'-7"					
FD805E	ECSR	1	7'-8"	20	1	1'-4"	6'-6"					
FD806E	ECSR	6	31'-7"	506	STR							
FD807E	ECSR	8	30'-7"	653	19	29'-5"	10"	11"				
FD808E	ECSR	6	5'-4"	85	17	3'-6"						
FD809E	ECSR	12	13'-5"	430	17	11'-7"						
FD810E	ECSR	16	6'-3"	267	18	4'-0"	1'-0"	1'-0"				
FD811E	ECSR	5	6'-6"	87	19	5'-1"	1'-0"	1'-1"				
*FD812E	ECSR	24	13'-8"	876	5	2'-8"	3'-7"	2'-4"				
			SUBTOTAL	4,848	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

* FOR INFORMATION ONLY. NOT INCLUDED WITH REINFORCING WEIGHT. PAID FOR WITH ITEM 511 - SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN.

Preliminary Plans - For Reference Only

ABUTMENT AND SEMI-INTEGRAL DIAPHRAGM REINFORCING LIST
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio
DESIGNER DTA | CHECKER BCW
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 28 | TOTAL 36
SHEET P.260 | TOTAL 323

WYA-23-3.47

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MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PIER (60 KSI, EPOXY COATED)												
P401E	ECSR	344	8'-10"	2,030	2	3'-0"	3'-0"	3'-0"				
P501E	ECSR	40	8'-6"	355	STR							
P502E	ECSR	5	368'-0"	1,919	27	4"	2'-6"	14'-11"				
P503E	ECSR	50	9'-5"	491	40	2'-6"						
P601E	ECSR	70	13'-2"	1,384	2	2'-6"	8'-6"	2'-6"				
P602E	ECSR	10	30'-9"	462	1	1'-3"	29'-8"					
P603E	ECSR	20	29'-8"	891	STR							
P604E	ECSR	15	6'-6"	146	1	1'-0"	5'-8"					
P701E	ECSR	10	31'-0"	634	1	1'-3"	29'-11"					
P801E	ECSR	140	13'-1"	4,891	2	2'-6"	8'-6"	2'-6"				
P901E	ECSR	50	8'-6"	1,445	1	1'-6"	7'-3"					
P902E	ECSR	50	18'-9"	3,188	STR							
			SUBTOTAL	17,836	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
PIER DIAPHRAGM (60 KSI, EPOXY COATED)												
PD301E	ECSR	5	6'-3"	12	41	3'-1 ½"	3 ½"	7 ½"	1'-3"			
PD401E	ECSR	5	10'-10"	36	24	4"	5'-2"				1 ½"	
PD402E	ECSR	16	4'-0"	43	2	8"	2'-10"	8"				
PD403E	ECSR	32	15'-4"	328	6	3'-9"	5'-4"	8"				
PD601E	ECSR	8	9'-0"	108	STR							
PD602E	ECSR	24	11'-7"	418	STR							
PD801E	ECSR	32	7'-1"	605	1	1'-4"	5'-11"					
			SUBTOTAL	1,550	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	TOTAL LENGTH	TYPE	DIMENSIONS A	B	C	D	E	R	INC
RAILING (GFRP REINFORCEMENT)												
R401G	GFRP	48	10'-0"	480'-0"	STR							
R402G	GFRP	24	6'-4"	152'-0"	25	2'-6"	2'-5"	1'-4"	1 ½"	5"		
R403G	GFRP	24	5'-1"	122'-0"	STR							
R404G	GFRP	120	40'-0"	4800'-0"	STR							
R405G	GFRP	20	22'-7"	451'-8"	STR							
R406G	GFRP	184	10'-0"	1840'-0"	STR							
R407G	GFRP	16	12'-5"	198'-8"	STR							
R408G	GFRP	12	2'-4"	28'-0"	STR							
R409G	GFRP	12	3'-6"	42'-0"	STR							
			SUBTOTAL	8114'-4"	NO. 4 DEFORMED GFRP REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
SUPERSTRUCTURE (60 KSI, EPOXY COATED)												
S401E	ECSR	246	40'-0"	6,573	STR							
S402E	ECSR	41	22'-11"	628	STR							
S403E	ECSR	240	35'-4"	5,665	STR							
S501E	ECSR	300	40'-0"	12,516	STR							
S502E	ECSR	50	26'-9"	1,395	STR							
S503E	ECSR	932	21'-6"	20,900	STR							
S504E	ECSR	2 SER. OF 33	6'-5" TO 21'-3"	952	STR							5 ⅝"
S505E	ECSR	2 SER. OF 31	5'-2" TO 19'-5"	795	STR							5 ¾"
S506E	ECSR	457	26'-7"	12,671	16	26'-0"						
S507E	ECSR	476	17'-9"	8,812	16	17'-2"						
S508E	ECSR	1 SER. OF 42	7'-0" TO 26'-4"	730	16	6'-5" TO 25'-9"						5 ⅝"
S509E	ECSR	1 SER. OF 37	7'-2" TO 24'-0"	601	STR							5 ⅝"
S510E	ECSR	1 SER. OF 18	7'-3" TO 15'-3"	211	STR							5 ⅝"
S511E	ECSR	1 SER. OF 24	6'-6" TO 17'-6"	300	16	5'-11" TO 16'-11"						5 ¾"
S512E	ECSR	994	8'-7"	8,899	2	7'-4"	6"	1'-0"				
			SUBTOTAL	81,648	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

MARK	MAT'RL TYPE	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C	D	E	R	INC
RAILING (60 KSI, EPOXY COATED)												
R601E	ECSR	555	7'-2"	5,974	37	9"	9 ½"	1'-5"	1'-0"	7"		
R602E	ECSR	555	7'-0"	5,835	23	6"	3'-3"	3'-3"			2"	
R603E	ECSR	8 SER. OF 11	4'-6" TO 5'-4"	650	1	1'-0"	3'-8" TO 4'-6"					1"
R604E	ECSR	32	4'-6"	216	1	1'-0"	3'-8"					
R605E	ECSR	3	4'-6"	20	43	3'-4"	1'-4"				2"	
R606E	ECSR	3	4'-8"	21	44	1'-10"	1'-2"	1'-2"	10"			
			SUBTOTAL	12,716	ITEM 509 - EPOXY COATED STEEL REINFORCEMENT							

Preliminary Plans - For Reference Only

PIER, BRIDGE DECK AND BRIDGE RAILING REINFORCING LIST
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

SFN 8803902

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
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DESIGNER	CHECKER
DTA	BCW

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
29	36

SHEET	TOTAL
P.261	323

WYA-23-3.47

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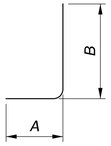
Preliminary Plans - For Reference Only



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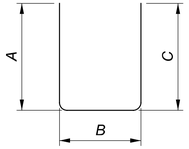

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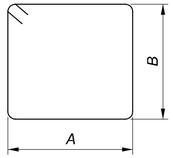
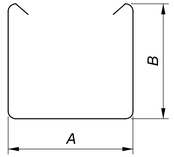


TYPE-3



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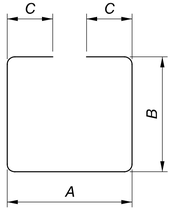

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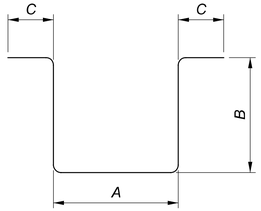

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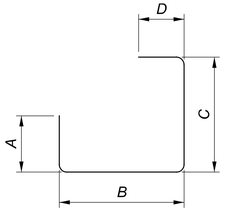

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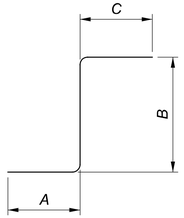

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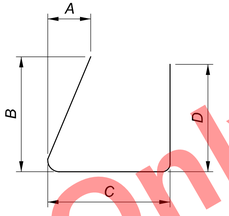

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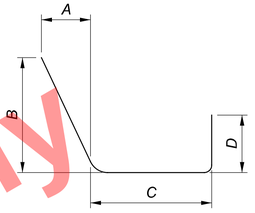

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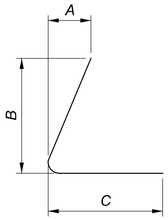

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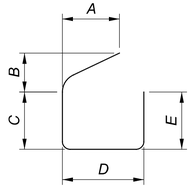

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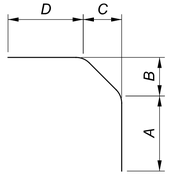

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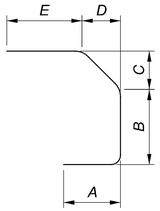

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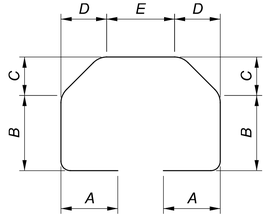

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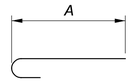

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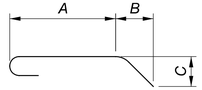
TYPE-17



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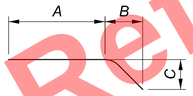

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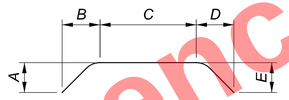

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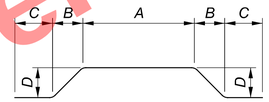

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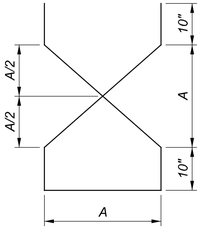

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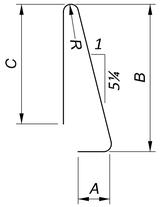

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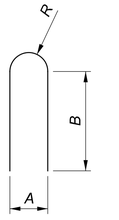

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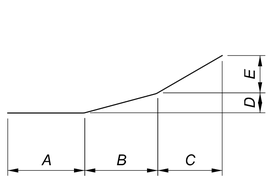

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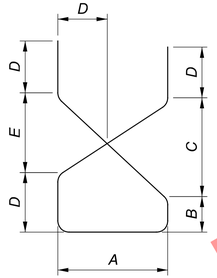

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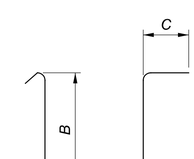

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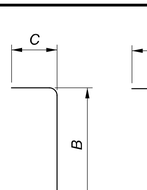

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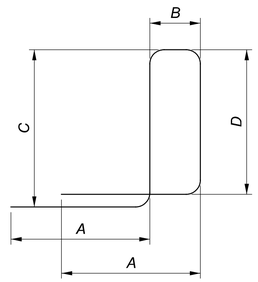

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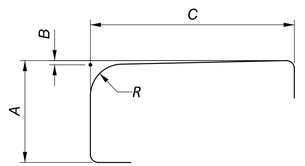

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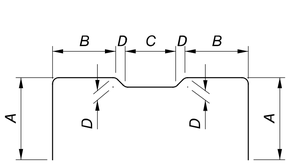

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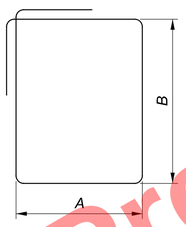

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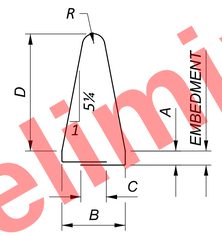

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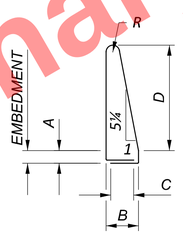

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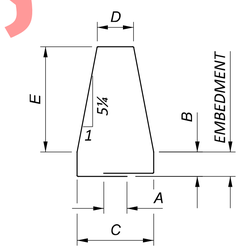

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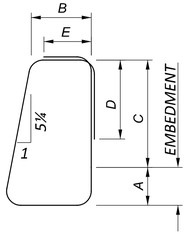

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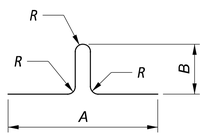

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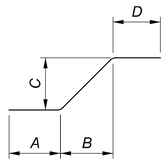

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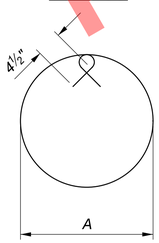

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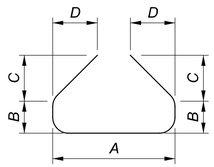

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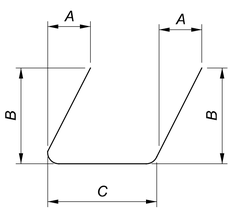

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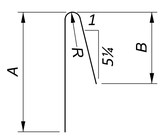

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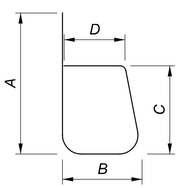


TYPE-44

NOTES:

1. *THE LETTER PREFIX INDICATES BAR LOCATION. THE BAR SIZE 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. THE LETTER SUFFIX INDICATES THE BAR COATING TYPE. EXAMPLE: S601U.*

   S: THE LOCATION OF THE BARS IN THE STRUCTURE (SUPERSTRUCTURE)
   6: BAR SIZE DIMENSION NO. 6
   01: SEQUENCE NUMBER
   U: UNCOATED REINFORCING STEEL

   THE FOLLOWING IS A LIST OF BAR LOCATION PREFIXES:

S:	*SUPERSTRUCTURE*	*RA:*	*REAR ABUTMENT*
R:	*BRIDGE RAILING*	*FA:*	*FORWARD ABUTMENT*
RD:	*REAR ABUTMENT DIAPHRAGM*	*P:*	*PIER*
FD:	*FORWARD ABUTMENT DIAPHRAGM*	*DG:*	*DIAPHRAGM GUIDE*
W:	*WALL*	*AS:*	*APPROACH SLAB*
A:	*ABUTMENT*	*SS:*	*SLEEPER SLAB*

   THE FOLLOWING IS A LIST OF SUFFIXES:

   U: UNCOATED REINFORCING STEEL (USR)
   E: EPOXY COATED STEEL REINFORCEMENT (ECSR)
   Z: GALVANIZED STEEL REINFORCEMENT (GSR)
   G: GLASS FIBER REINFORCED POLYMER REINFORCEMENT (GFRP)
   C: CHROMIUM STEEL REINFORCEMENT (CSR)
   S: STAINLESS STEEL REINFORCEMENT (SSR)

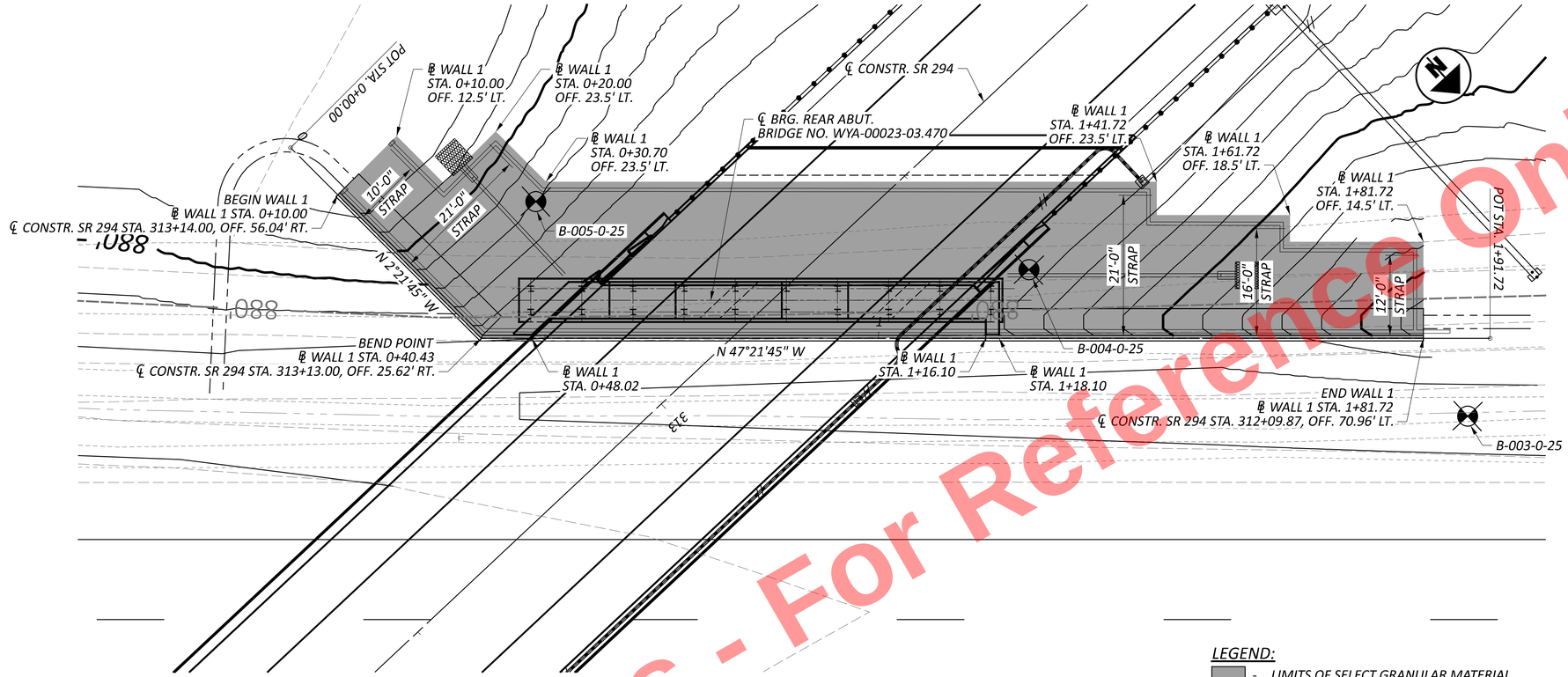
2. *BAR DIMENSIONS SHOWN ARE OUT-TO-OUT UNLESS OTHERWISE NOTED. "STD." WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BAR BEND AT THE END OF THE BAR. STRAIGHT BARS ARE INDICATED BY "STR."*

REINFORCING LIST SHAPES
BRIDGE NO. WYA-00023-03.470
SR 294 OVER US 23

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 2/13/2026 TIME: 2:12:48 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: dallbright@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 01\Wyandot\121424\V02-Engineering_EL-Robinson\Structures\SFN_8803902\Sheets\121424_SFN_8803902_SL003.dgn

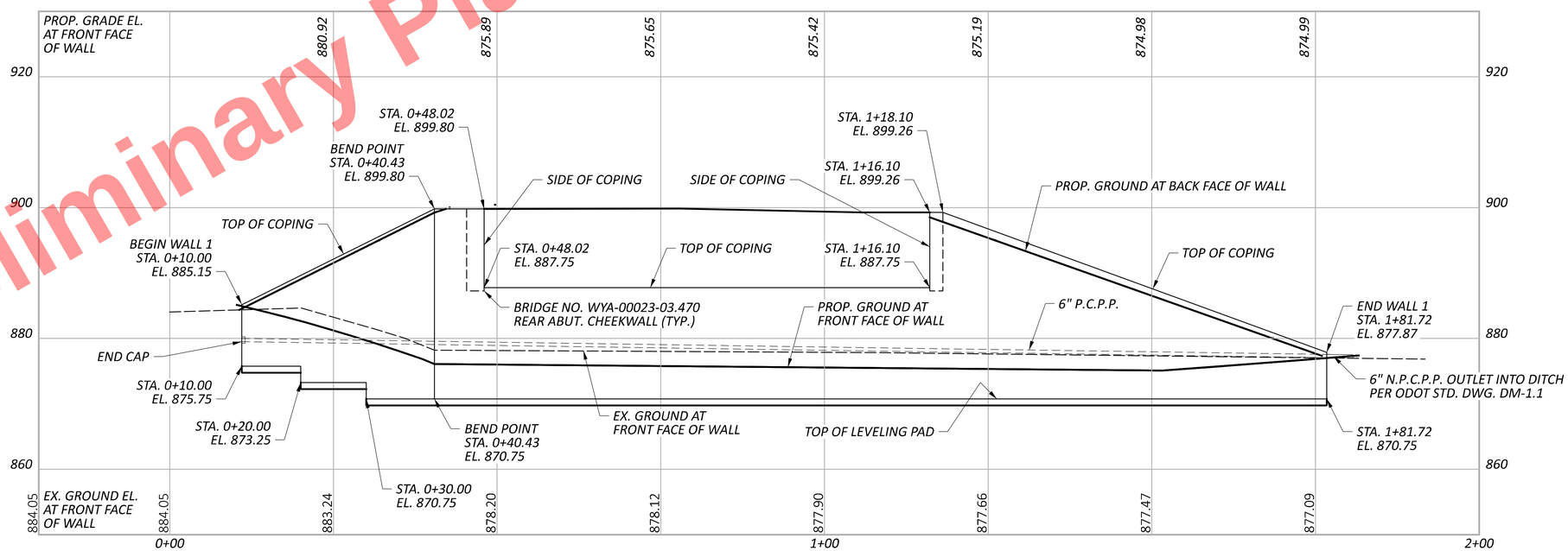
SFN	8803902
DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St, Suite 800 Cleveland, Ohio 950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER	MGB
CHECKER	TAS
REVIEWER	RER 02/13/26
PROJECT ID	121424
SUBSET	30
TOTAL	36
SHEET	P.262
TOTAL	323



PLAN

LEGEND:

- LIMITS OF SELECT GRANULAR MATERIAL
- S - SETTLEMENT PLATFORM
- BORING LOCATION



ELEVATION ALONG ℄ WALL 1

Preliminary Plans - For Reference Only

PLAN AND ELEVATION
MSE WALL 1
SR 294 OVER US 23

WYA-23-3.47

SFN N/A

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER
RER 02/13/26

PROJECT ID
121424

SUBSET	TOTAL
31	36

SHEET	TOTAL
P.263	323

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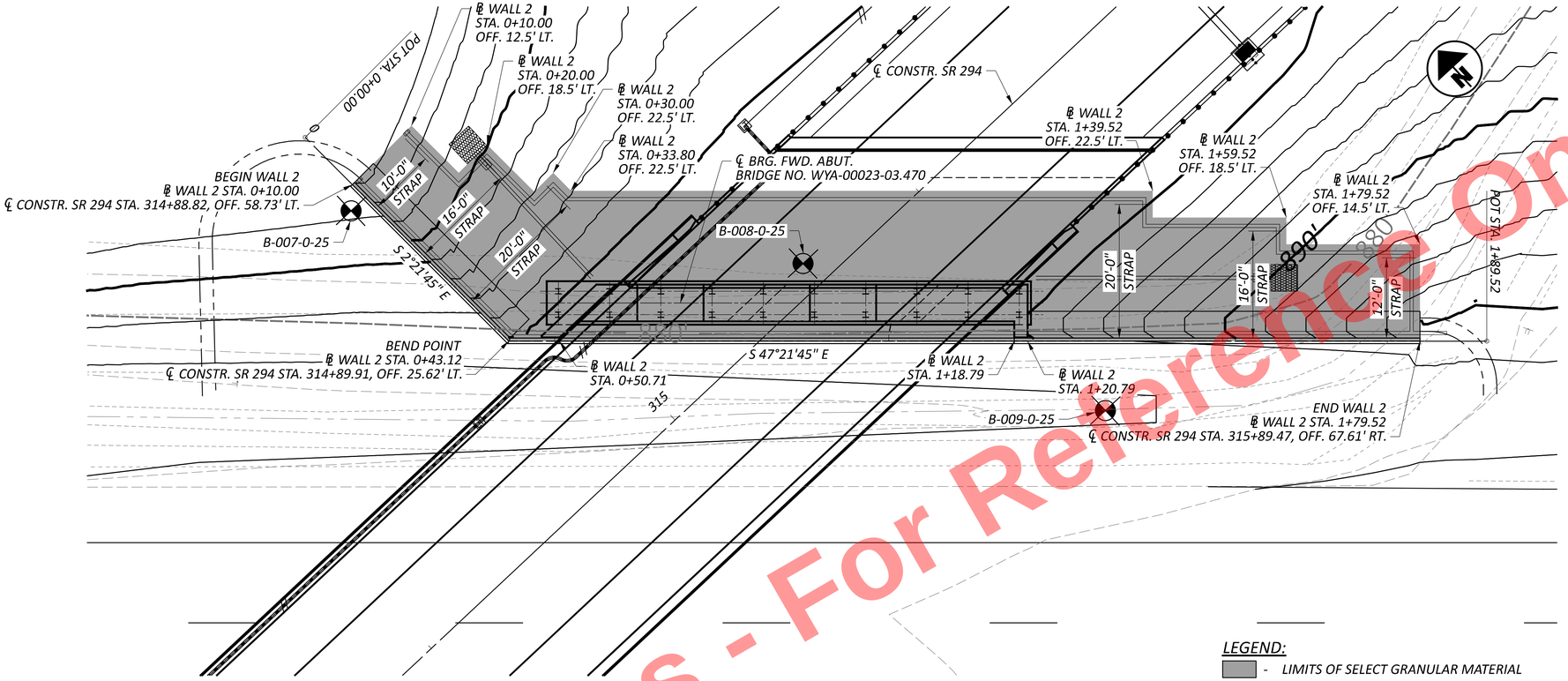
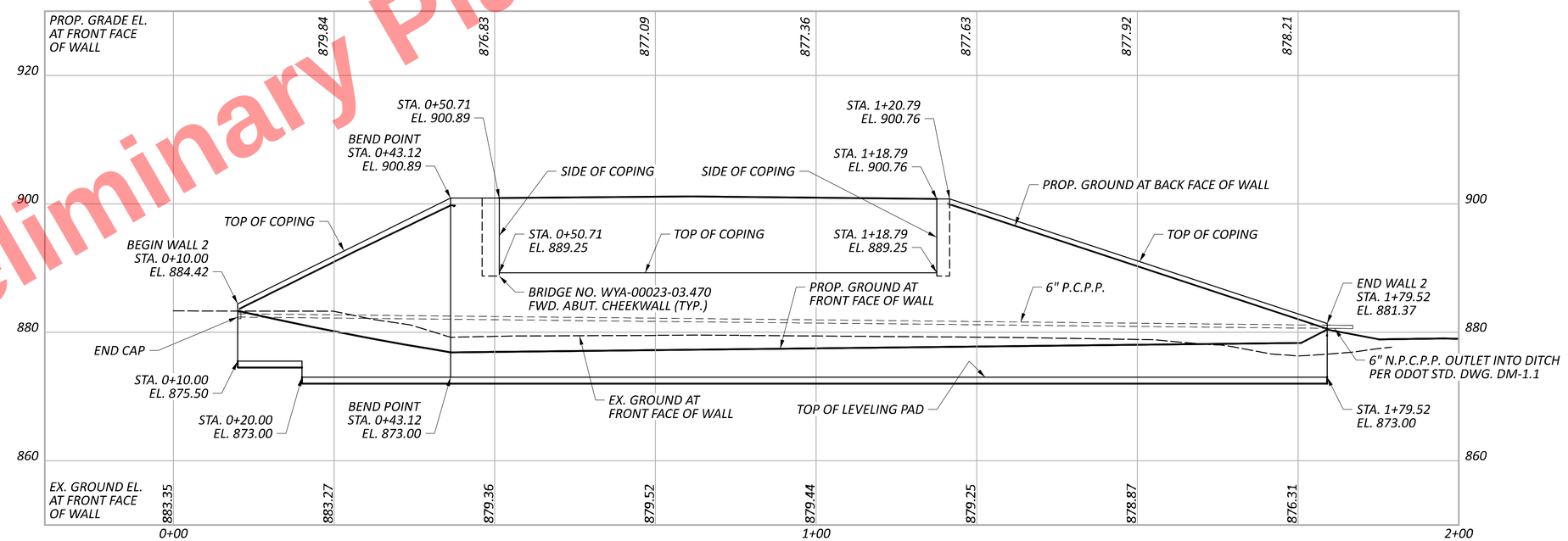
Preliminary Plans - For Reference Only



PLAN

LEGEND:
- LIMITS OF SELECT GRANULAR MATERIAL
- BORING LOCATION
- SETTLEMENT PLATFORM



ELEVATION ALONG ℄ WALL 2

PLAN AND ELEVATION
MSE WALL 2
SR 294 OVER US 23

WYA-23-3.47

SFN N/A

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER
RER 02/13/26

PROJECT ID
121424

SUBSET	TOTAL
32	36

SHEET	TOTAL
P.264	323

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:
800 DATED 1/17/2025
840 DATED 1/17/2025

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2025 AND THE ODOT BRIDGE DESIGN MANUAL, 2024.

DESIGN DATA:

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (COPING AND LEVELING PAD)

PROPRIETARY RETAINING WALL DATA:

THE PROPRIETARY RETAINING 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 0.82 KIP/FT. APPLIED PERPENDICULAR TO THE FACE OF THE 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.

MSE WALL FOUNDATION BEARING RESISTANCE:

THE MSE WALL REINFORCED SOIL MASS, AS DESIGNED, PRODUCES A MAXIMUM SERVICE LIMIT STATE BEARING PRESSURE AND A MAXIMUM STRENGTH LIMIT STATE BEARING PRESSURE THAT CAN BE FOUND IN THE TABLE BELOW. THE FACTORED BEARING RESISTANCE FOR EACH DESIGN CASE CAN ALSO BE FOUND BELOW.

MINIMUM SOIL REINFORCEMENT LENGTHS:

THE MINIMUM SOIL REINFORCEMENT LENGTH SHALL BE 0.7H OR 8.0 FEET, WHICHEVER IS GREATER FOR THE ENTIRE WALL.

H = THE WALL HEIGHT AS DETERMINED ACCORDING TO SUPPLEMENTAL SPECIFICATION 840.04.

MSE WALL DESIGN PARAMETERS:

WALL	BEGIN STATION	END STATION	WALL OR ABUTMENT	MAX. SERVICE LIMIT STATE BEARING PRESSURE (KSF)	MAX. STRENGTH LIMIT STATE BEARING PRESSURE (KSF)	FACTORED BEARING RESISTANCE (KSF)
1	0+10.00	1+81.72	ABUTMENT	4.85	7.05	7.63
2	0+10.00	1+79.52	ABUTMENT	4.72	6.88	8.02

Preliminary Plans - For Reference Only

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WYA-23-3.47

MSE WALL GENERAL NOTES
MSE WALLS 1 AND 2
SR 294 OVER US 23

SFN N/A

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
33	36

SHEET	TOTAL
P.265	323

MADE BY: FIB/DTA DATE: 2/13/2026
CHECKED BY: MRV/BCW DATE: 2/13/2026

ESTIMATED QUANTITIES

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	WALL 1	WALL 2	GEN.	REFERENCE SHEET NO.
203	20000	194	CY	EMBANKMENT	66	128		
203	35110	661	CY	GRANULAR MATERIAL, TYPE B	335	326		
512	10050	583	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	287	296		
516	13600	140	SF	1" PREFORMED EXPANSION JOINT FILLER	70	70		
601	21000	30	SY	CONCRETE SLOPE PROTECTION	15	15		
840	20000	6,109	SF	MECHANICALLY STABILIZED EARTH WALL	3,049	3,060		
840	21000	4,266	CY	WALL EXCAVATION	2,342	1,924		
840	22000	795	SY	FOUNDATION PREPARATION	408	387		
840	23000	4,438	CY	SELECT GRANULAR BACKFILL	2,268	2,169		
840	23050	272	CY	NATURAL SOIL	141	131		
840	25010	707	FT	6" DRAINAGE PIPE, PERFORATED	356	350		
840	25020	20	FT	6" DRAINAGE PIPE, NON-PERFORATED	10	10		
840	26000	396	FT	CONCRETE COPING	197	200		
840	27000	5	DAY	ON-SITE ASSISTANCE			5	
840	28000	LUMP		SGB INSPECTION AND COMPACTION TESTING			LUMP	

NOTES:

1. *WALL EXCAVATION QUANTITIES ARE BOUNDED ON THE SIDES BY THE LIMITS OF THE SELECT GRANULAR BACKFILL. THEY DO NOT INCLUDE ADDITIONAL EXCAVATION THAT MAY BE REQUIRED TO PROVIDE SIDE SLOPES.*

Preliminary Plans - For Reference Only

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MSE WALL ESTIMATED QUANTITIES
MSE WALLS 1 AND 2
SR 294 OVER US 23

SFN N/A

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

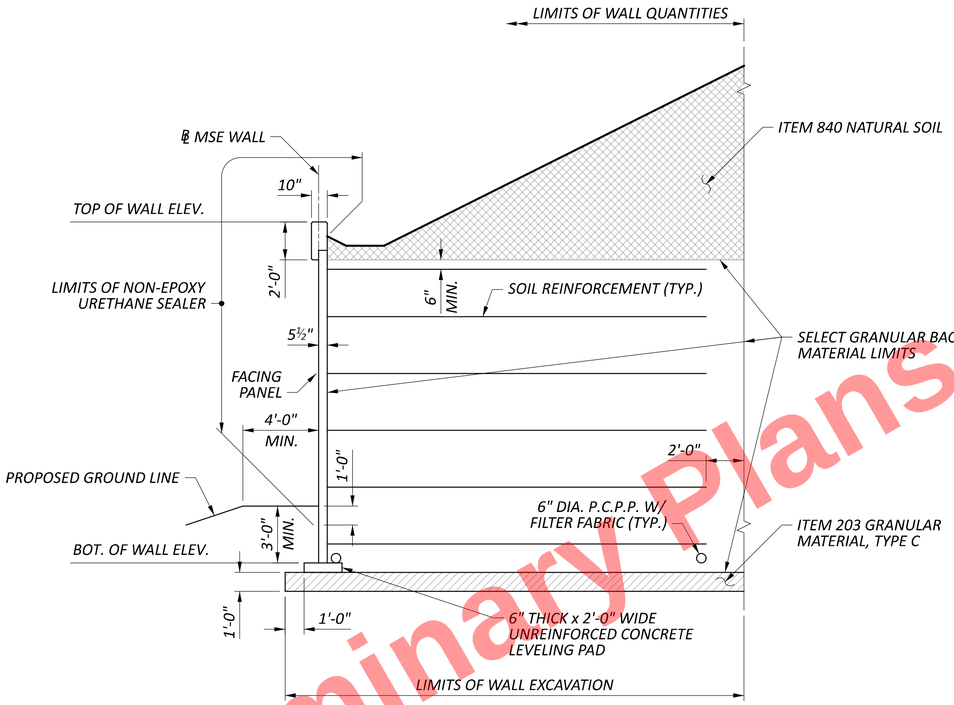
DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER RER 02/13/26

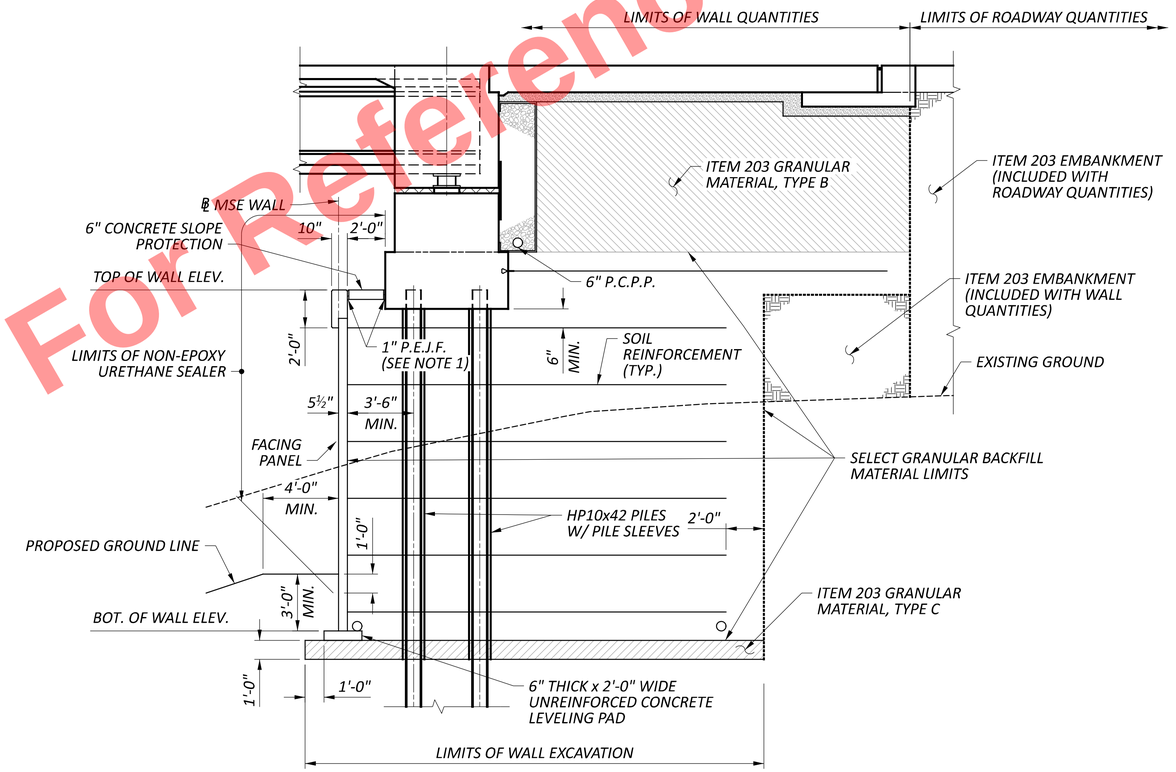
PROJECT ID 121424

SUBSET	TOTAL
34	36

SHEET	TOTAL
P.266	323



MSE WALL TYPICAL SECTION



MSE WALL TYPICAL ABUTMENT SECTION

NOTES:

1. 1" P.E.J.F. IS TO BE INCLUDED ON ALL SIDES OF THE 6" CONCRETE SLOPE PROTECTION.

Preliminary Plans - For Reference Only

MSE WALL TYPICAL SECTIONS
MSE WALLS 1 AND 2
SR 294 OVER US 23

SFN N/A

DESIGN AGENCY

E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
35	36

SHEET	TOTAL
P.267	323

WVA-23-3.47

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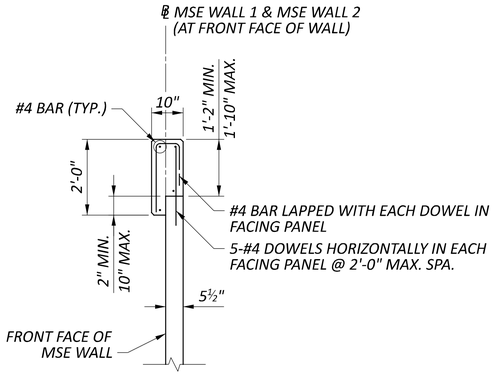
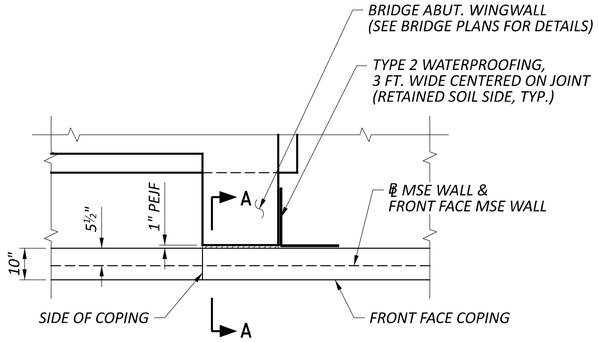
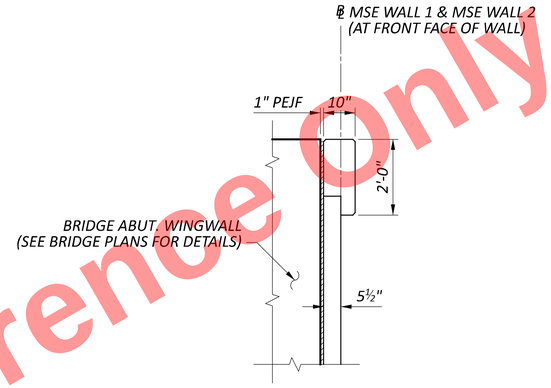


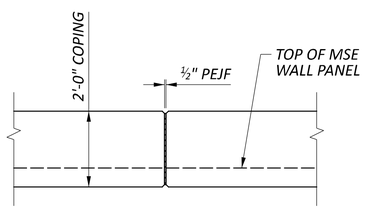
MSE WALL COPING DETAIL



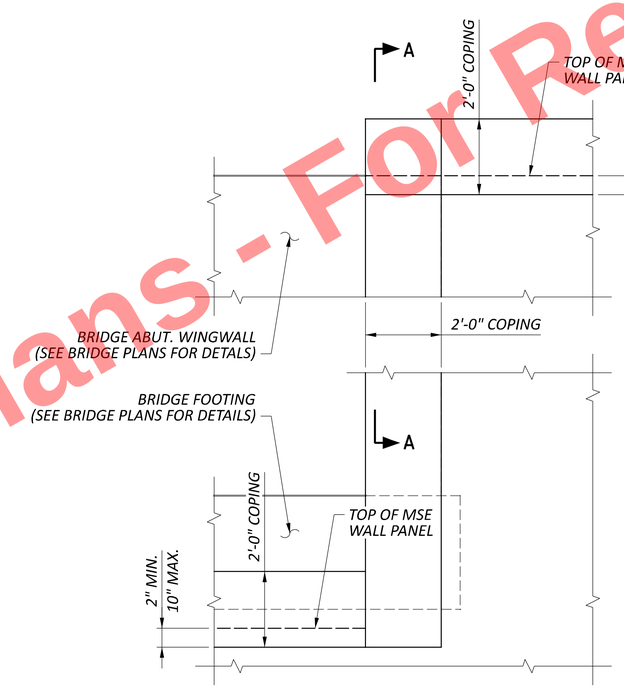
PLAN - CORNER COPING DETAIL AT WINGWALL



SECTION A-A



ELEVATION - COPING EXPANSION JOINT



ELEVATION - CORNER COPING DETAIL

NOTES:

1. DETAILS FOR ALL VERTICAL AND LONGITUDINAL REINFORCING STEEL IN THE COPING SHALL BE INCLUDED IN THE PROPRIETARY WALL MANUFACTURER'S SHOP DRAWINGS.
2. PEJF SHALL EXTEND THE FULL HEIGHT OF THE MSE WALL/WINGWALL JOINT.
3. FOR PEJF QUANTITY, SEE BRIDGE PLANS.

Preliminary Plans - For Reference Only

MSE WALL COPING DETAILS
MSE WALLS 1 AND 2
SR 294 OVER US 23

SFN N/A

DESIGN AGENCY

E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	PAN/TAS

REVIEWER RER 02/13/26

PROJECT ID 121424

SUBSET	TOTAL
36	36

SHEET	TOTAL
P.268	323

WYA-23-3.47

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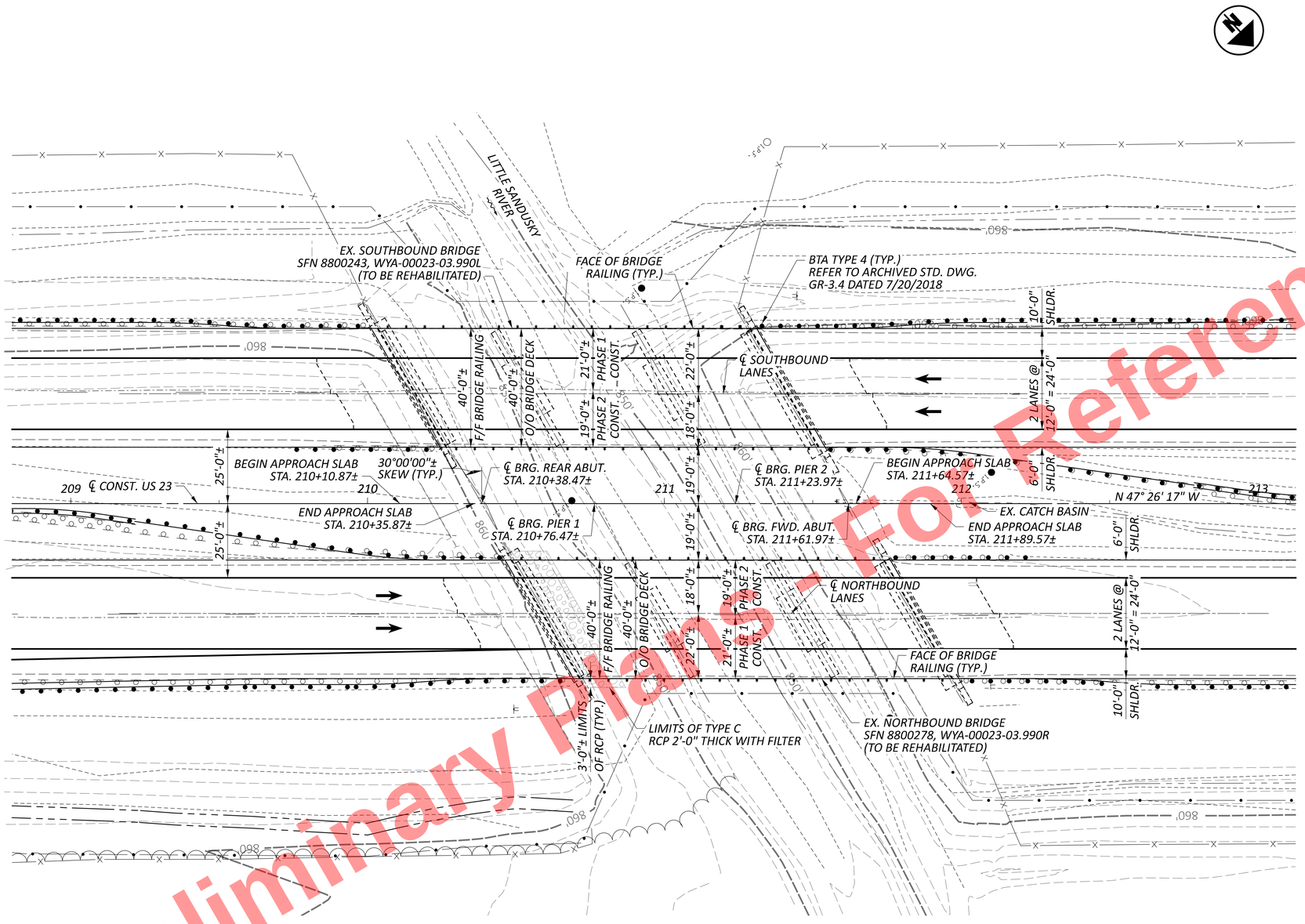

PLAN

PROPOSED WORK:

1. REMOVE PORTIONS OF THE SUPERSTRUCTURE AND WEARING SURFACE AS DETAILED IN THE PLANS.
2. CONSTRUCT SUPERPLASTICIZED DENSE CONCRETE WEARING SURFACE OVERLAY ON THE DECK AND APPROACH SLABS.
3. INSTALL NEW DRIP STRIP.
4. PAINT ALL STRUCTURAL STEEL.
5. TEMPORARILY JACK AND SUPPORT THE BRIDGE AS DETAILED IN THE PLANS.
6. REFURBURISH DESIGNATED BEARINGS AS DETAILED IN THE PLANS.
7. CONSTRUCT NEW PORTIONS OF THE EDGE OF DECK TO THE LIMITS SHOWN IN THE PLANS FOR SOUTHBOUND BRIDGE ONLY.
8. PATCH EDGE OF DECK AND ABUTMENTS.
9. CONSTRUCT EXPANSION JOINT MODIFICATIONS.
10. APPLY ROCK CHANNEL PROTECTION AT THE REAR ABUTMENT OF THE NORTHBOUND BRIDGE.

BENCHMARK DATA

BM #1 STA.	210+68.82	ELEV.	853.28	OFFSET	0.96'	LT.
BM #2 STA.	210+92.32	ELEV.	853.20	OFFSET	72.56'	LT.
BM #3 STA.	211+75.93	ELEV.	853.95	OFFSET	72.26'	RT.
BM #4 STA.	212+10.18	ELEV.	868.69	OFFSET	10.53'	LT.

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLAN SHEET P.3/323.

LEGEND

● I.P.S. - IRON PIN SET
○ I.P.F. - IRON PIN FOUND

DESIGN TRAFFIC (TWO-WAY):

2028 ADT =	17,500	2028 ADTT =	5,600
2048 ADT =	19,560	2048 ADTT =	6,259

DIRECTIONAL DISTRIBUTION = 51%

EXISTING STRUCTURE

TYPE: 3-SPAN CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK SUPPORTED BY STUB ABUTMENTS ON PILES TO ROCK AND HAMMERHEAD PIERS ON SPREAD FOUNDATIONS

SPANS: 38'-0"±, 47'-6"±, 38'-0"± C/C BEARINGS
ROADWAY: 40'-0"± F/F BRIDGE RAILING
LOADING: CF 2000 (57)
SKEW: 30°00'00"± RIGHT FORWARD
WEARING SURFACE: 5¼"± ASPHALT (WYA-00023-03990L)
4¾"± ASPHALT (WYA-00023-03990R)
APPROACH SLABS: 25'-0"± LONG (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 3/16"/FT.±
STRUCTURE FILE NUMBER: 8800243 (WYA-00023-03990L)
8800278 (WYA-00023-03990R)
DATE BUILT: 1966
DISPOSITION: TO BE REHABILITATED

PROPOSED STRUCTURE

TYPE: EXISTING 3-SPAN CONTINUOUS ROLLED STEEL BEAM WITH REINFORCED CONCRETE DECK SUPPORTED BY STUB ABUTMENTS ON PILES TO ROCK AND HAMMERHEAD PIERS ON SPREAD FOUNDATIONS

SPANS: 38'-0"±, 47'-6"±, 38'-0"± C/C BEARINGS
ROADWAY: 40'-0"± F/F BRIDGE RAILING
LOADING: HS-20 + ALTERNATE MILITARY LOADING
SKEW: 30°00'00"± RIGHT FORWARD
WEARING SURFACE: 5" NOMINAL THICKNESS SUPERPLASTICIZED DENSE CONCRETE
APPROACH SLABS: 25'-0"± LONG (AS-1-54) (EXISTING)
ALIGNMENT: TANGENT
CROWN: 3/16"/FT.±
DECK AREA: 5,148 SF (WYA-00023-03990L)
5,148 SF (WYA-00023-03990R)
COORDINATES: LATITUDE 40° 44' 33.02" N
LONGITUDE 83° 12' 55.41" W

GENERAL PLAN
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER: RER 02/13/26
PROJECT ID: 121424
SUBSET: 1 TOTAL: 16
SHEET: P.269 TOTAL: 323

WYA-23-03.47

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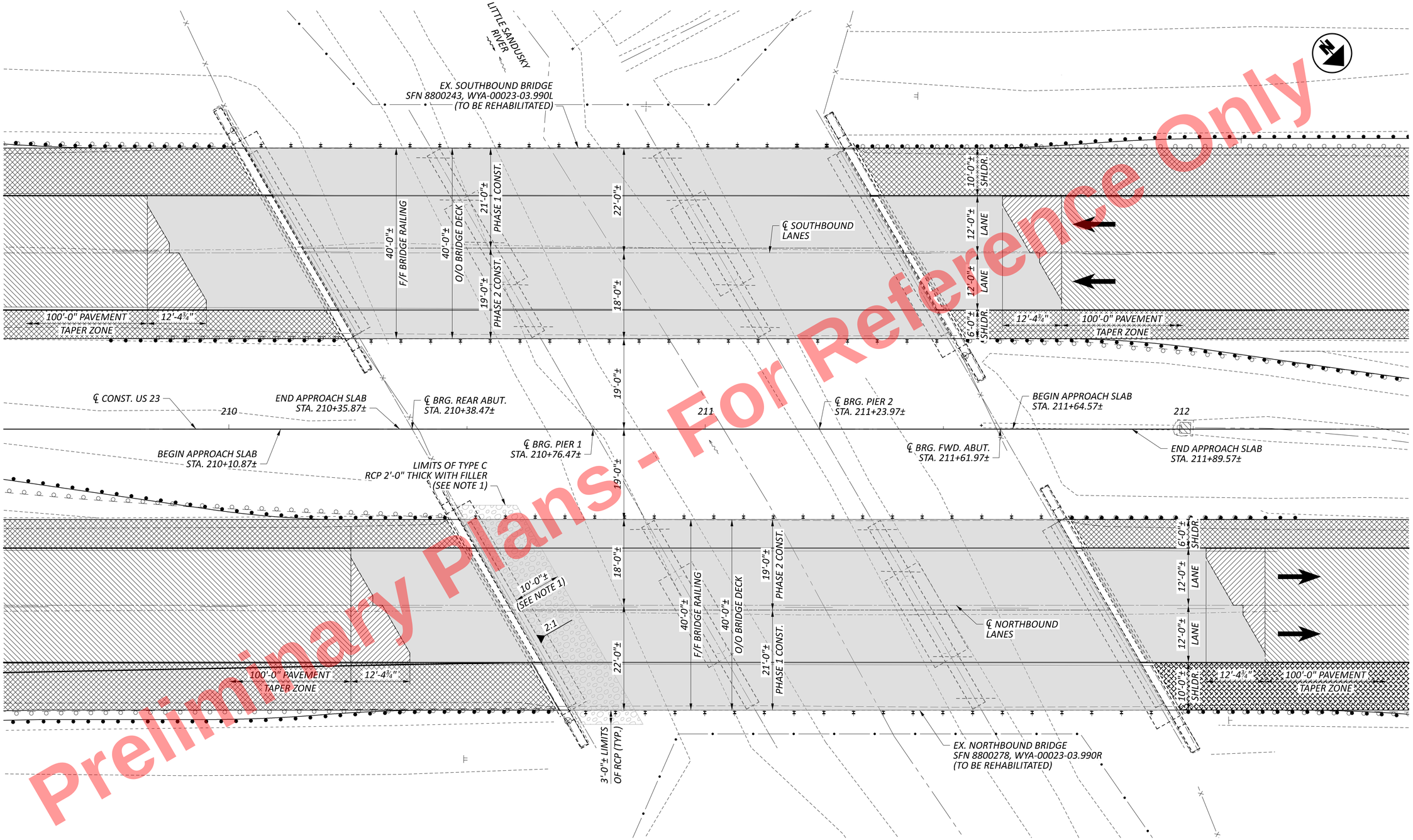
Preliminary Plans - For Reference Only



PLAN

LEGEND:

- *INDICATES PROPOSED 5" NOMINAL THICKNESS SUPERPLASTICIZED DENSE CONCRETE OVERLAY*
- *INDICATES PAVEMENT PLANING AND ASPHALT OVERLAY, TO MATCH THE BRIDGE PROFILE*
- *INDICATES FULL DEPTH REPLACEMENT*
- *INDICATES VARIABLE DEPTH PLANING AND ASPHALT OVERLAY*

NOTES:

1. *REPLACE ROCK CHANNEL PROTECTION (RCP) AS NEEDED TO PROVIDE PROTECTION TO THE ABUTMENT, FINAL LIMITS AND QUANTITIES TO BE DETERMINED BY THE ENGINEER. EXISTING RCP IS NOT SHOWN FOR CLARITY.*
2. *FOR MORE INFORMATION ON VARIABLE DEPTH PLANING AND ASPHALT OVERLAY, SEE ROADWAY PLANS.*

OVERLAY AND PAVING PLAN
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN	8800243
SFN	8800278
DESIGN AGENCY	
E.L. ROBINSON ENGINEERING	
1468 West 9th St, Suite 800 Cleveland, Ohio 950 Goodale Blvd, Suite 180 Grandview Heights, Ohio	
DESIGNER	CHECKER
JAW	JOL
REVIEWER	
RER 02/13/26	
PROJECT ID	
121424	
SUBSET	TOTAL
2	16
SHEET	TOTAL
P.270	323

WYA-23-03.47

Preliminary Plans - For Reference Only

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STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

DS-1-92	REVISED	7/15/2022
DBR-2-73	REVISED	7/19/2002

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

800	DATED	1/17/2025
848	DATED	7/19/2024

DESIGN SPECIFICATIONS:

NEW PORTIONS OF THIS STRUCTURE 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.

DESIGN LOADING:

VEHICULAR LIVE LOAD: HS-20 + ALTERNATE MILITARY LOADING

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

EPOXY COATED STEEL REINFORCEMENT - MINIMUM YIELD STRENGTH 60-KSI (DECK)

GALVANIZED WELDED WIRE REINFORCEMENT - MINIMUM YIELD STRENGTH 70-KSI (OVERLAY)

MAINTENANCE OF TRAFFIC:

FOR MAINTENANCE OF TRAFFIC PLANS, SEE ROADWAY SHEETS.

ITEM 202 – PORTIONS OF STRUCTURE REMOVED, AS PER PLAN:

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. 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 DEPARTMENT WILL NOT PERMIT THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS. DO NOT BEGIN WORK UNTIL THE ENGINEER ACCEPTS THE METHOD OF REMOVAL AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING CONCRETE REINFORCEMENT TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH CONCRETE REINFORCEMENT THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO C&MS 501.05.

PROTECTION OF STEEL SUPPORT SYSTEMS: BEFORE DECK SLAB CUTTING BEGINS, DRAW THE OUTLINE OF PRIMARY STEEL MEMBERS IN CONTACT WITH THE BOTTOM OF THE DECK ON THE SURFACE OF DECK. DRILL SMALL DIAMETER PILOT HOLES 2 INCHES OUTSIDE THESE LINES TO CONFIRM THE LOCATION OF FLANGE EDGES. DECK CUTS OVER OR WITHIN 2 INCHES OF FLANGE EDGES SHALL NOT EXTEND LOWER THAN THE BOTTOM LAYER OF CONCRETE REINFORCEMENT IN THE DECK SLAB. CUTS MADE OUTSIDE 2 INCHES OF FLANGE EDGES MAY EXTEND THE FULL DEPTH OF THE DECK. PERFORM WORK CAREFULLY DURING CUTTING OF THE DECK SLAB TO AVOID DAMAGING STEEL MEMBERS THAT ARE TO BE INCORPORATED INTO THE PROPOSED STRUCTURE. REPLACE OR REPAIR STEEL MEMBERS DAMAGED BY THE DECK SLAB CUTTING OPERATIONS AT NO COST TO THE PROJECT. AT LEAST 7 DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING REPAIR.

REMOVAL METHODS: THE CONTRACTOR MAY REMOVE CONCRETE BY CUTTING AND BY MEANS OF HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS. FOR REMOVALS OVER STRUCTURAL MEMBERS (PRESTRESSED BOX BEAM, I-BEAM, STEEL BEAM STEEL GIRDER, ETC.), THE CONTRACTOR MAY USE A HAMMER HEAVIER THAN 35 POUNDS BUT NOT TO EXCEED 90 POUNDS UNLESS APPROVED BY THE ENGINEER. REMOVAL METHODS OVER STRUCTURAL MEMBERS SHALL ENSURE ADEQUATE DEPTH CONTROL AND PREVENT NICKING OR GOUGING THE PRIMARY STRUCTURAL MEMBERS. DUE TO THE POSSIBLE PRESENCE OF ATTACHMENTS (E.G., FINISHING MACHINE, SCUPPER AND FORM SUPPORTS, ETC.) TO EXISTING STRUCTURAL MEMBERS, PERFORM WORK CAREFULLY DURING DECK REMOVAL TO AVOID DAMAGING STRUCTURAL MEMBERS THAT ARE TO REMAIN. REPLACE OR REPAIR STRUCTURAL MEMBERS DAMAGED BY THE REMOVAL OPERATIONS AT NO COST TO THE PROJECT. AT LEAST 7 DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN THE ENGINEER'S APPROVAL BEFORE PERFORMING REPAIR.

DECK REMOVALS – DECK EDGE REHABILITATION: IF THE CONTRACTOR'S MEANS AND METHODS REQUIRE DRILLING HOLES THROUGH THE BRIDGE DECK, ALL HOLES SHALL BE DRILLED FROM THE BOTTOM OF THE DECK UPWARD. DRILLING HOLES FROM THE TOP OF THE DECK IS NOT PERMITTED. FALSEWORK INTENDED TO FORM THE NEW DECK EDGE MAY BE USED AS A WORK PLATFORM TO AIDE IN THE DECK EDGE REMOVAL. IF FORMS BECOME DAMAGED DURING CONCRETE REMOVAL, THE DAMAGED PORTIONS SHALL BE REPAIRED OR REPLACED PRIOR TO POURING THE CONCRETE. PRIOR TO PLACING CONCRETE, THOROUGHLY CLEAN ALL SURFACES OF THE FORMS THAT CONTACT THE BOTTOM OF THE EXISTING BRIDGE DECK TO ENSURE A SNUG FIT BETWEEN THE FORMS AND EXISTING BRIDGE DECK. THE PORTION OF THE FORM TO BE IN CONTACT WITH THE FRESH CONCRETE SHALL BE FREE OF LAITANCE, SILT, DIRT, SHAVINGS, SAWDUST, LOOSE AND BUILT-UP RUST, AND OTHER DEBRIS. ALL HOLES DRILLED THOUGH THE BRIDGE DECK SHALL BE REPAIRED WITH TROWELABLE MORTAR IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 843.

IF A SPLITTER IS USED TO DEMOLISH THE DECK EDGE, HOLES SHALL BE SPACED NO FURTHER THAN 12-IN APART, MEASURED LONGITUDINALLY ALONG THE BRIDGE DECK. EACH HOLE SHALL BE USED TO SPLIT THE CONCRETE; SKIPPING HOLES WILL NOT BE PERMITTED. ANY DAMAGE TO THE EXISTING STRUCTURE THAT IS TO REMAIN WILL BE REPAIRED AT NO ADDITIONAL COST TO THE DEPARTMENT. IF THE DAMAGE TO THE REMAINING STRUCTURE IS SIGNIFICANT, AT THE DIRECTION OF THE ENGINEER, PROVIDE A REPAIR PLAN IN ACCORDANCE WITH C&MS 501.05.C

ITEM 202 – PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (CONTINUED):

CUT LINE CONSTRUCTION JOINT PREPARATION: PRIOR TO REMOVING THE DECK EDGE, PLACE A 1-IN (+0-IN,-1/4-IN) DEEP SAW CUT AT THE BOUNDARIES OF PROPOSED CONCRETE REMOVALS. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING CONCRETE REINFORCEMENT, IF REQUIRED IN THE PLANS, IN PLACE. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING STEEL REINFORCEMENT DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

MEASUREMENT & 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 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

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.

EXISTING PLANS:

CONSTRUCTION PLANS FOR THE EXISTING BRIDGE ARE AVAILABLE IN PDF FORMAT BY CONTACTING THE ODOT DISTRICT 1 OFFICE AT 1885 N. MCCULLOUGH STREET, LIMA, OHIO 45801; PHONE: (419) 222-9055.

CONTINGENCY QUANTITIES:

THE CONTRACTOR IS NOT TO ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTES TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS ARE TO BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ITEM 509 – CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN:

REPLACE ALL EXISTING REINFORCING BARS DEEMED BY THE ENGINEER TO BE UNUSABLE BECAUSE OF CORROSION. THE DEPARTMENT WILL MEASURE THE REPLACEMENT CONCRETE REINFORCEMENT BY THE NUMBER OF POUNDS ACCEPTED IN PLACE. REPLACE ALL EXISTING STEEL REINFORCEMENT BARS WHICH ARE TO BE INCORPORATED INTO THE NEW WORK AND ARE DEEMED BY THE ENGINEER TO BE MADE UNUSABLE BY CONCRETE REMOVAL OPERATIONS WITH NEW CONCRETE REINFORCEMENT OF THE SAME SIZE, COATING, AND MATERIAL AT NO COST TO THE DEPARTMENT.

ITEM 509 – EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN:

IN ADDITION TO THE PROVISIONS OF ITEM 509, FIELD BEND AND/OR FIELD CUT THE STEEL REINFORCEMENT DESIGNATED IN THE PLANS, AS NECESSARY, IN ORDER TO MAINTAIN THE REQUIRED CLEARANCES AND BAR SPACINGS. REPAIR ALL DAMAGE TO THE EPOXY COATING, AS A RESULT OF THIS WORK, ACCORDING TO C&MS 709.00

ITEM 512 – SEALING OF CONCRETE SURFACES (NON-EPOXY):

SEAL ALL NEW CONCRETE SURFACES WITH NON-EPOXY SEALER. EXTEND LIMITS OF SEALER ON TO THE EXISTING CONCRETE 1 FOOT BEYOND THE CONSTRUCTION JOINT. DO NOT SEAL THE TOP OF DECK.

ITEM 514 – FIELD PAINTING OF EXISTING STEEL, SYSTEM OZEU:

EXISTING STEEL AREAS INDICATED IN THE PLANS ARE TO BE CLEANED AND PAINTED WITH A PRIME, INTERMEDIATE, AND FINISH COAT OF PAINT IN THE FIELD USING SYSTEM OZEU TO MATCH EXISTING PAINT COLOR.

THE SURFACE AREA PAY QUANTITY IS TO BE BASED ON THE SURFACE AREA OF THE MAIN MEMBERS, EXCLUDING THE TOP AND SIDES OF THE TOP FLANGES, AND THE AREA OF END AND INTERMEDIATE CROSSFRAMES, BEARINGS, STIFFENERS, AND OTHER STRUCTURAL STEEL INCIDENTALS TO BE CLEANED AND PAINTED.

ITEM 516 – REFURBISHING BEARING DEVICES, AS PER PLAN:

THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO PROPERLY ALIGN BRIDGE BEARINGS AS WELL AS THEIR CLEANING AND PAINTING. INCLUDED SHALL BE THE DISASSEMBLY OF THE BEARINGS, HAND TOOL CLEANING (GRINDING IF NECESSARY), PAINTING ACCORDING TO ITEM 514, REPLACEMENT OF ANY DAMAGED SHEET LEAD WITH PREFORMED BEARING PADS (C&MS 711.21), INSTALLATION OF ANY NECESSARY STEEL SHIMS OF THE SAME SIZE AS THE BEARINGS TO PROVIDE A SNUG FIT, REALIGNMENT OF THE UPPER BEARING PLATE BY REMOVING EXISTING WELDS AND REWELDING SO THAT THE BEARINGS ARE VERTICALLY ALIGNED AT 60°F, LUBRICATING SLIDING SURFACES, AND REASSEMBLY OF THE BEARINGS. ASSURE ALL BEARINGS ARE SHIMMED ADEQUATELY AND THAT NO BEAMS AND/OR BEARING DEVICES ARE "FLOATING". AT NO ADDITIONAL COST TO THE STATE, THE CONTRACTOR MAY INSTALL NEW BEARINGS OF THE SAME TYPE AS THE EXISTING IN PLACE OF REFURBISHING THE BEARINGS. ALL WORK SHALL BE TO THE SATISFACTION OF THE ENGINEER. PAYMENT FOR ALL OF THE ABOVE DESCRIBED LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 516 - REFURBISH BEARING DEVICES, AS PER PLAN.

ITEM 516 – JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN:

THIS WORK CONSISTS OF RAISING OR RE-POSITIONING EXISTING STRUCTURES TO THE DIMENSIONS AND REQUIREMENTS DEFINED IN THE PROJECT PLANS. SUBMIT CONSTRUCTION PLANS IN ACCORDANCE WITH C&MS 501.05. IF, DURING THE JACKING OPERATIONS, CRACKING OF THE CONCRETE SUPERSTRUCTURE, SEPARATION OF THE CONCRETE DECK FROM THE STEEL STRINGERS, OR OTHER DAMAGE TO THE STRUCTURE IS VISUALLY OBSERVED, IMMEDIATELY CEASE THE JACKING OPERATION AND INSTALL SUPPORTS TO THE SATISFACTION OF THE ENGINEER. ANALYZE THE DAMAGE AND SUBMIT A METHOD OF CORRECTION TO THE ENGINEER FOR APPROVAL. EPOXY INJECT ALL BEAMS THAT SEPARATE FROM THE DECK FOR THE DISTANCE OF THE SEPARATION IN ACCORDANCE WITH C&MS 512.07. THE DEPARTMENT

ITEM 516 – JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (CONTINUED):

WILL NOT PAY FOR THE COST OF THIS EPOXY INJECTION OR OTHER REQUIRED REPAIRS. THE BRIDGE BEARINGS SHALL BE FULLY SEATED AT ALL CONTACT AREAS. IF FULL SEATING IS NOT ATTAINED, SUBMIT A REPAIR PLAN TO THE ENGINEER. THE DEPARTMENT WILL NOT PAY FOR THE REPAIR COSTS TO ENSURE FULL SEATING ON BEARINGS. THE DEPARTMENT WILL MEASURE THIS WORK ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN.

ITEM 519 – PATCHING CONCRETE STRUCTURES, AS PER PLAN:

PRIOR TO THE SURFACE CLEANING SPECIFIED IN C&MS 519.04 AND WITHIN 24 HOURS OF PLACING PATCHING MATERIAL, BLAST CLEAN ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED STEEL REINFORCEMENT. ACCEPTABLE METHODS INCLUDE HIGH-PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER, ABRASIVE BLASTING WITH CONTAINMENT, OR VACUUM ABRASIVE BLASTING.

IN ADDITION TO PATCHING AREAS DETAILED IN THESE PLANS, AN ADDITIONAL CONTINGENCY FOR PATCHING OF 50 SF HAS BEEN PROVIDED FOR ABUTMENT BACKWALLS AND ABUTMENT BREASTWALLS. ACTUAL LOCATIONS AND QUANTITIES TO BE DETERMINED BY THE ENGINEER.

ITEM SPECIAL - STRUCTURE, MISC.: WELDED WIRE REINFORCEMENT

DESCRIPTION: THIS WORK CONSISTS OF FURNISHING AND PLACING GALVANIZED DEFORMED WELDED WIRE OF THE TYPE AND SIZE DESIGNATED IN THE PLANS. ALSO INCLUDE ALL SECURING MATERIALS AND SUPPORTS FOR HANDLING, SHIPPING, GALVANIZING AND PLACEMENT IN THE BRIDGE DECK.

MATERIALS: FURNISH MATERIALS CONFORMING TO THE REQUIREMENTS OF ASTM A497 AND C&MS 709.12.

SHOP DRAWINGS: PRIOR TO FABRICATING THE WELDED WIRE REINFORCEMENTS PROVIDE SHOP DRAWINGS ACCORDING TO C&MS 501.04. INCLUDE DRAWINGS CONTAINING ALL NECESSARY FABRICATION DETAILS, MATERIALS LISTS, MATERIALS DESIGNATIONS, AND MANUFACTURER'S LITERATURE FOR ANY SECURING MATERIALS.

FABRICATION: FABRICATOR IS TO CONFORM TO SUPPLEMENTAL SPECIFICATION 1068. FABRICATION TOLERANCES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318.

MATERIAL IDENTIFICATION: SHIP REINFORCEMENT BUNDLES, TAGGED AND MARKED IN ACCORDANCE WITH THE CRSI "MANUAL OF STANDARD PRACTICE".

HANDLING AND STORAGE: STORE REINFORCEMENT ABOVE GROUND ON PLATFORMS, SKIDS, OR OTHER SUPPORTS AND PROTECT THE REINFORCEMENT AS PRACTICAL FROM MECHANICAL INJURY AND SURFACE DETERIORATION CAUSED BY EXPOSURE TO CONDITIONS PRODUCING RUST. GALVANIZED REINFORCEMENT SHALL BE HANDLED AND STORED BY METHODS THAT WILL NOT DAMAGE THE COATING. BUNDLES SHALL NOT BE DROPPED OR DRAGGED. PRIOR TO PLACEMENT OF DECK CONCRETE, ALL REINFORCEMENT SHALL BE FREE FROM DIRT OR OTHER MATERIALS THAT MIGHT REDUCE BOND. WIRE REINFORCEMENTS THAT ARE FIELD CUT AND/OR DAMAGED SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780 METHOD A1 OR A3.

PLACEMENT: ACCURATELY PLACE STEEL REINFORCEMENT AS SHOWN AND NOTED IN THE PLANS AND FIRMLY HOLD THE REINFORCEMENT IN POSITION DURING THE PLACING AND FINISHING OF THE OVERLAY MATERIAL. WELDING TO THE MATS WILL NOT BE PERMITTED. PROVIDE GALVANIZED OR PLASTIC COATED TIE WIRES, CHAIRS, SUPPLEMENTARY BARS (TIE-DOWN BARS), SIDE FORM SPACERS AND OTHER APPROVED DEVICES. PROVIDE COVER TO THE REINFORCEMENT AS SHOWN ON THE PLANS. REINFORCEMENT MATS SHALL BE PLACED, INSPECTED, AND APPROVED BY THE ENGINEER BEFORE PLACING OF OVERLAY MATERIAL BEGINS.

METHOD OF MEASUREMENT: THE DEPARTMENT WILL MEASURE THE WELDED WIRE REINFORCEMENT BY THE NUMBER OF POUNDS REQUIRED. WEIGHT OF WELDS AND GALVANIZING NOT INCLUDED IN PAY WEIGHT.

BASIS OF PAYMENT: PAYMENT FOR THIS WORK INCLUDES GALVANIZING THE MATS, PREPARATION OF SHOP DRAWINGS AND ALL ACCEPTED WELDED WIRE REINFORCEMENT INCLUDING MATS AND SINGLE WIRES COMPLETE IN PLACE.

ITEM:	UNIT:	DESCRIPTION:
ITEM SPECIAL	POUND	STRUCTURE, MISC.: WELDED WIRE REINFORCEMENT

Preliminary Plans
For Reference Only

GENERAL NOTES

BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL

REVIEWER
RER 02/13/26

PROJECT ID
121424

SUBSET	TOTAL
3	16

SHEET	TOTAL
P.271	323

WYA-23-03.47

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ABBREVIATIONS:

ABUT. - ABUTMENT
ADT - AVERAGE DAILY TRAFFIC
ADTT - AVERAGE DAILY TRUCK TRAFFIC
APPR. - APPROACH
B - BOTTOM
℄ - BASELINE
B.F. - BACK FACE
BM - BENCHMARK
BOT. OR BTM. - BOTTOM
BRG. - BEARING
BTA - BRIDGE TERMINAL ASSEMBLY
℄ - CENTERLINE
C/C - CENTER TO CENTER
C.I.P. - CAST-IN-PLACE
C.J. - CONSTRUCTION JOINT
CLR. - CLEAR
C&MS - CONSTRUCTION AND MATERIAL SPECIFICATIONS
CONC. - CONCRETE
CONST. OR CONSTR. - CONSTRUCTION
CVN - CHARPY V-NOTCH
DIA. - DIAMETER
DIM. - DIMENSION
DWG. - DRAWING
E - EAST
EB - EASTBOUND
E.F. - EACH FACE
EL. OR ELEV. - ELEVATION
EOP - EDGE OF PAVEMENT
EQ. - EQUAL
EST. - ESTIMATED
EX. - EXISTING
EXP. - EXPANSION
F.A. - FORWARD ABUTMENT
F/F - FACE TO FACE
F.F. - FRONT FACE
F.S. - FIELD SPLICE
FT. - FOOT OR FEET
FWD. - FORWARD
HMWM - HIGH MOLECULAR WEIGHT METHACRYLATE
HW - HIGH WATER
IN. - INCH
JT. - JOINT
LB - LEFT BRIDGE
LBS - POUNDS
LEOD - LEFT EDGE OF DECK
L.F. - LEFT FORWARD
LMC - LATEX MODIFIED CONCRETE
LT. - LEFT
LTBR - LEFT TOE BRIDGE RAILING
MAX. - MAXIMUM
MGS - MODIFIED GUARDRAIL SYSTEM
MIN. - MINIMUM
MISC. - MISCELLANEOUS
MSE - MECHANICALLY STABILIZED EARTH
N - NORTH
NB - NORTHBOUND
NO. - NUMBER
N.P.C.P.P. - NON-PERFORATED CORRUGATED PLASTIC PIPE
OHWM - ORDINARY HIGH WATER MARK
O/O - OUT TO OUT
P.C.P.P. - PERFORATED CORRUGATED PLASTIC PIPE
P.E.J.F. - PREFORMED EXPANSION JOINT FILLER
PG - PROFILE GRADE
PGL - PROFILE GRADE LINE
PR./PROP. - PROPOSED
PSF - POUNDS PER SQUARE FOOT
P.V.I. - POINT OF VERTICAL INTERSECTION
Q - FLOW RATE
R - RADIUS
R.A. - REAR ABUTMENT
RB - RIGHT BRIDGE
RCP - ROCK CHANNEL PROTECTION
REOD - RIGHT EDGE OF DECK
REQD. - REQUIRED
R.F. - RIGHT FORWARD
R.R. - RAILROAD
RT. - RIGHT
RTBR - RIGHT TOE BRIDGE RAILING
R/W - RIGHT OF WAY
S - SOUTH
SB - SOUTHBOUND
SDC - SUPERPLASTICIZED DENSE CONCRETE
SER. - SERIES
SHLDR - SHOULDER
SLPR. - SLEEPER
SPA. - SPACE OR SPACES
STA. - STATION
STD. - STANDARD
STR - STRAIGHT
T - TOP
T&B - TOP & BOTTOM
TBR - TO BE REMOVED
TEMP. - TEMPORARY
T.O.S. OR T/S - TOP OF SLOPE
T/T - TOE TO TOE
TYP. - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE
VAR. - VARIES
V - VELOCITY
VPF - VANDAL PROTECTION FENCE
W - WEST
WB - WESTBOUND
WW - WINGWALL
WWR - WELDED WIRE REINFORCEMENT
°F - DEGREES FAHRENHEIT

Preliminary Plans - For Reference Only

GENERAL NOTES
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL

REVIEWER RER 02/13/26
PROJECT ID 121424

SUBSET	TOTAL
4	16

SHEET	TOTAL
P.272	323

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MADE BY: JAW DATE: 4/25/2025
CHECKED BY: JOL DATE: 6/30/2025

ESTIMATED QUANTITIES

STRUCTURE FILE NUMBER: 8800243

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIER	SUPER.	GEN.	REFERENCE SHEET NO.
202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN			LUMP		3 OF 16
509	10001	93	LB	EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN			93		3 OF 16
509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN			50		3 OF 16
511	34411	2	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN			2		13 OF 16
512	10050	32	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)			32		
514	00050	6,972	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			6,972		
514	00056	6,972	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			6,972		
514	00060	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			6,972		
514	00066	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			6,972		
514	00504	11	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL			11		
514	10000	10	EACH	FINAL INSPECTION REPAIR			10		
516	11801	92	FT	VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN			92		15 OF 16
516	45305	5	EACH	REFURBISH BEARING DEVICE, AS PER PLAN			5		3 OF 16
516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN			LUMP		3 OF 16
517	76400	2	EACH	RAILING POST			2		
SPECIAL	51822300	251	FT	STEEL DRIP STRIP			251		
519	11101	95	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN			95		3 & 13 OF 16
SPECIAL	53000300	6,307	LB	STRUCTURE, MISC.: WELDED WIRE REINFORCEMENT			5,733	573	
844	20001	51	EA	GALVANIC ANODE PROTECTION, AS PER PLAN			51		13 OF 16
848	10200	693	SY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION (5" THICK)				693	
848	20000	693	SY	SURFACE PREPARATION USING HYDRODEMOLITION				693	
848	30200	7	CY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY			7		
848	50000	12	SY	HAND CHIPPING			12		
848	50100	LUMP		TEST SLAB					
848	50300	693	SY	WEARING COURSE REMOVED, ASPHALT				693	

Preliminary Plans - For Reference Only

ESTIMATED QUANTITIES - SOUTHBOUND BRIDGE
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243

SFN 8800278

DESIGN AGENCY

E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER
RER 02/13/26

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MADE BY: JAW DATE: 4/25/2025
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ESTIMATED QUANTITIES

STRUCTURE FILE NUMBER: 8800278

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIER	SUPER.	GEN.	REFERENCE SHEET NO.
202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN			LUMP		3 OF 16
509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN			50		3 OF 16
512	10050	40	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	13		27		
514	00050	6,972	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			6,972		
514	00056	6,972	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			6,972		
514	00060	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			6,972		
514	00066	6,972	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			6,972		
514	00504	11	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL			11		
514	10000	10	EACH	FINAL INSPECTION REPAIR			10		
516	11801	92	FT	VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN			92		15 OF 16
516	45305	5	EACH	REFURBISH BEARING DEVICE, AS PER PLAN			5		3 OF 16
516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN			LUMP		3 OF 16
SPECIAL	51822300	251	FT	STEEL DRIP STRIP			251		
519	11101	137	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	37		100		3 & 13 OF 16
SPECIAL	53000300	6,307	LB	STRUCTURE, MISC.: WELDED WIRE REINFORCEMENT			5,733	573	
601	32200	62	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER				62	
844	20001	40	EA	GALVANIC ANODE PROTECTION, AS PER PLAN			40		13 OF 16
848	10200	693	SY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION (5" THICK)				693	
848	20000	693	SY	SURFACE PREPARATION USING HYDRODEMOLITION				693	
848	30200	7	CY	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY			7		
848	50000	12	SY	HAND CHIPPING			12		
848	50100	LUMP		TEST SLAB					
848	50300	693	SY	WEARING COURSE REMOVED, ASPHALT				693	

Preliminary Plans - For Reference Only

ESTIMATED QUANTITIES - NORTHBOUND BRIDGE
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

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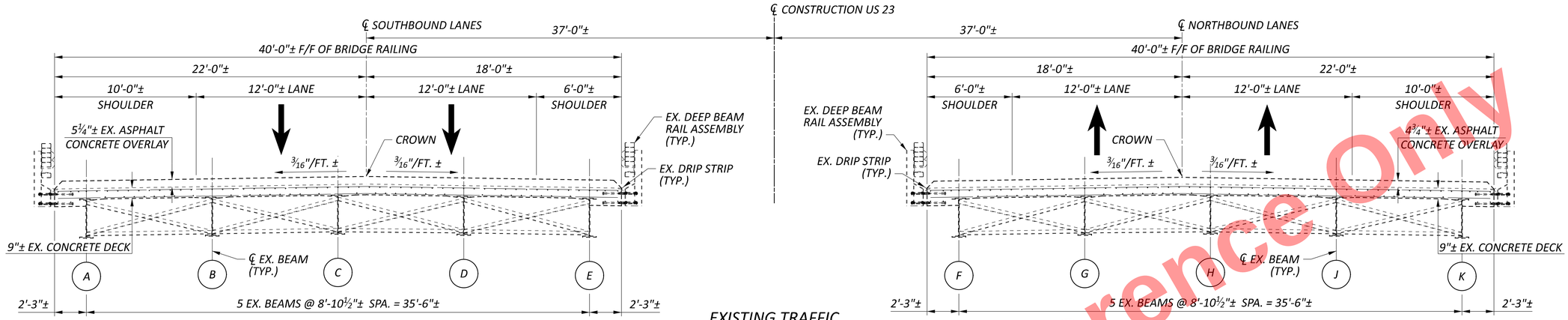
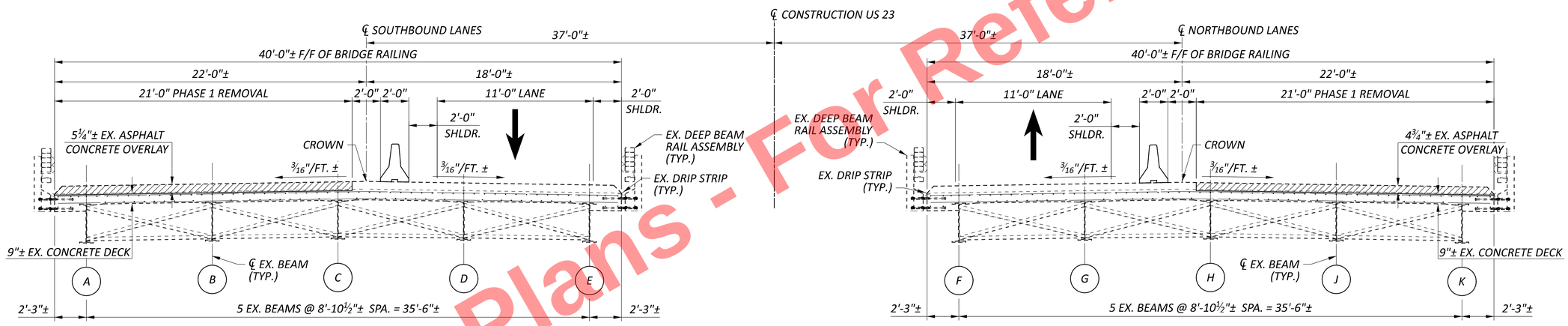
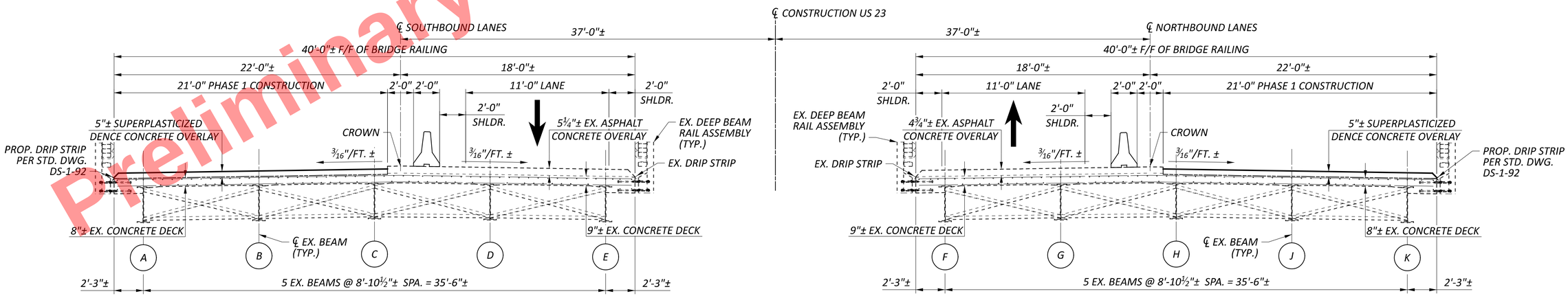


EXISTING TRAFFIC
(LOOKING UPSTATION)



PHASE 1 REMOVAL & TRAFFIC
(LOOKING UPSTATION)



PHASE 1 CONSTRUCTION & TRAFFIC
(LOOKING UPSTATION)

NOTES:

1. FOR PHASE CONSTRUCTION WORK DESCRIPTION, SEE SHEET 9/16.

LEGEND:

(#) - BEAM LINE DESIGNATION

▨ - INDICATES AREAS TO BE REMOVED PER ITEM 848 - WEARING COURSE REMOVED, ASPHALT

Preliminary Plans - For Reference Only

PHASE CONSTRUCTION DETAILS (1 OF 3)
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN	8800243
SFN	8800278
DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St, Suite 800 Cleveland, Ohio 950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER	JAW
CHECKER	JOL
REVIEWER	RER 02/13/26
PROJECT ID	121424
SUBSET	7
TOTAL	16
SHEET	P.274
TOTAL	323

WYA-23-03.47

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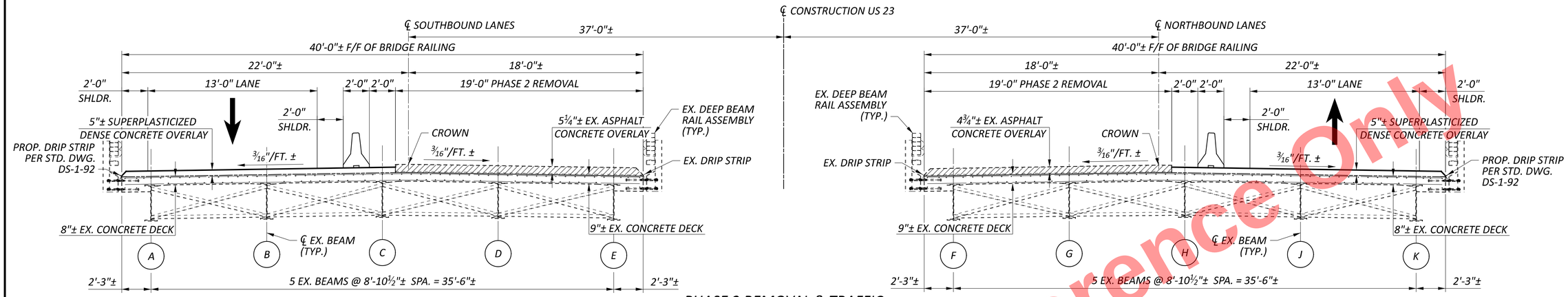
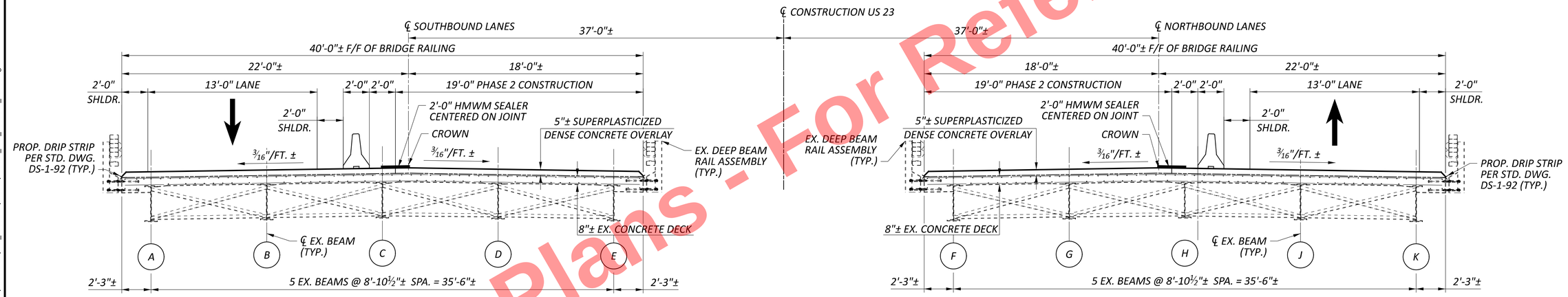
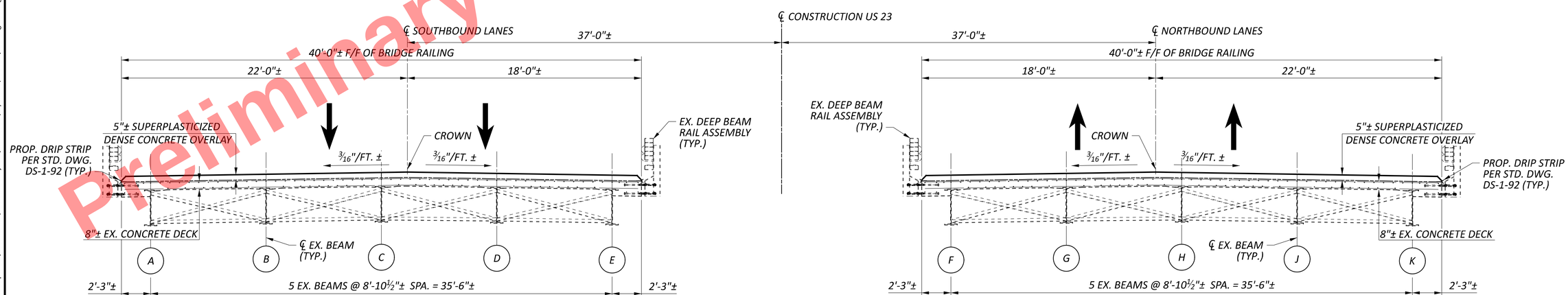


PHASE 2 REMOVAL & TRAFFIC
(LOOKING UPSTATION)



PHASE 2 CONSTRUCTION & TRAFFIC
(LOOKING UPSTATION)



FINAL TRAFFIC
(LOOKING UPSTATION)

NOTES:

1. FOR PHASE CONSTRUCTION WORK DESCRIPTION, SEE SHEET 9/16.
2. THE HMWM JOINT SEALER IS INCIDENTAL TO ITEM 848 - SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (5" THICK).

LEGEND:

(#) - BEAM LINE DESIGNATION

▨ - INDICATES AREAS TO BE REMOVED PER ITEM 848 - WEARING COURSE REMOVED, ASPHALT

Preliminary Plans - For Reference Only

PHASE CONSTRUCTION DETAILS (2 OF 3)
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER: RER 02/13/26
PROJECT ID: 121424
SUBSET: 8 TOTAL: 16
SHEET: P.275 TOTAL: 323

WYA-23-03.47

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PHASE 1 - REMOVAL & TRAFFIC:

1. INSTALL PORTABLE BARRIER AS SHOWN.

2. MAINTAIN TRAFFIC ON NORTHBOUND AND SOUTHBOUND BRIDGES AS SHOWN.

3. REMOVE EXISTING OVERLAYS AND PORTIONS OF THE EXISTING DECK TO THE LIMITS SHOWN IN THE PLANS.

4. REMOVE EXISTING DRIP STRIP.

PHASE 1 - CONSTRUCTION & TRAFFIC:

1. CONSTRUCT NEW PORTIONS OF DECK AND OVERLAY TO THE LIMITS SHOWN IN THE PLANS.

2. INSTALL NEW DRIP STRIP.

3. TEMPORARILY SUPPORT SUPERSTRUCTURE AND REFURBISH BEARINGS AT LOCATIONS SHOWN IN THE PLANS.

4. PATCH EDGE OF DECK.

5. CONSTRUCT EXPANSION JOINT MODIFICATION.

PHASE 2 - REMOVAL & TRAFFIC:

1. INSTALL PORTABLE BARRIER AS SHOWN.

2. MAINTAIN TRAFFIC ON NORTHBOUND AND SOUTHBOUND BRIDGES AS SHOWN.

3. REMOVE EXISTING OVERLAYS TO THE LIMITS SHOWN IN THE PLANS.

4. REMOVE EXISTING DRIP STRIP.

PHASE 2 - CONSTRUCTION & TRAFFIC:

1. CONSTRUCT NEW OVERLAY TO THE LIMITS SHOWN IN THE PLANS.

2. INSTALL NEW DRIP STRIP.

3. TEMPORARILY SUPPORT SUPERSTRUCTURE AND REFURBISH BEARINGS AT LOCATIONS SHOWN IN THE PLANS.

4. PATCH EDGE OF DECK.

5. PATCH ABUTMENTS TO THE LIMITS SHOWN IN THE PLANS.

6. CONSTRUCT EXPANSION JOINT MODIFICATION.

7. APPLY HMWM SEALER.

ADDITIONAL WORK NOT PHASE DEPENDENT:

1. INSTALL ROCK CHANNEL PROTECTION TO THE LIMITS SHOWN IN THE PLANS.

2. PAINT ALL STRUCTURAL STEEL

Preliminary Plans - For Reference Only

PHASE CONSTRUCTION DETAILS (3 OF 3)
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243

SFN 8800278

DESIGN AGENCY

E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
JAW	JOL

REVIEWER
RER 02/13/26

PROJECT ID
121424

SUBSET	TOTAL
9	16

SHEET	TOTAL
P.276	323

WYA-23-03.47

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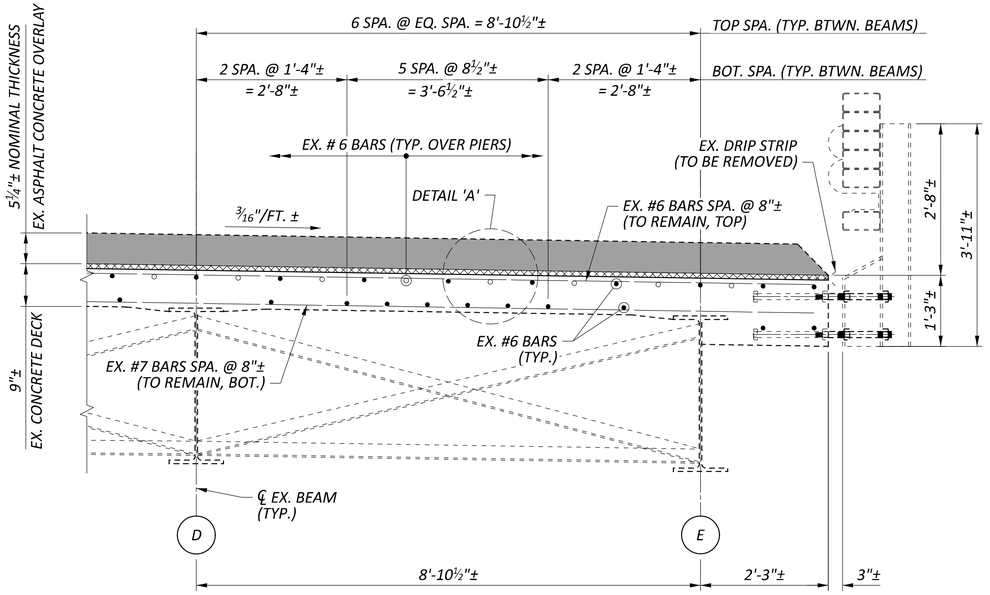
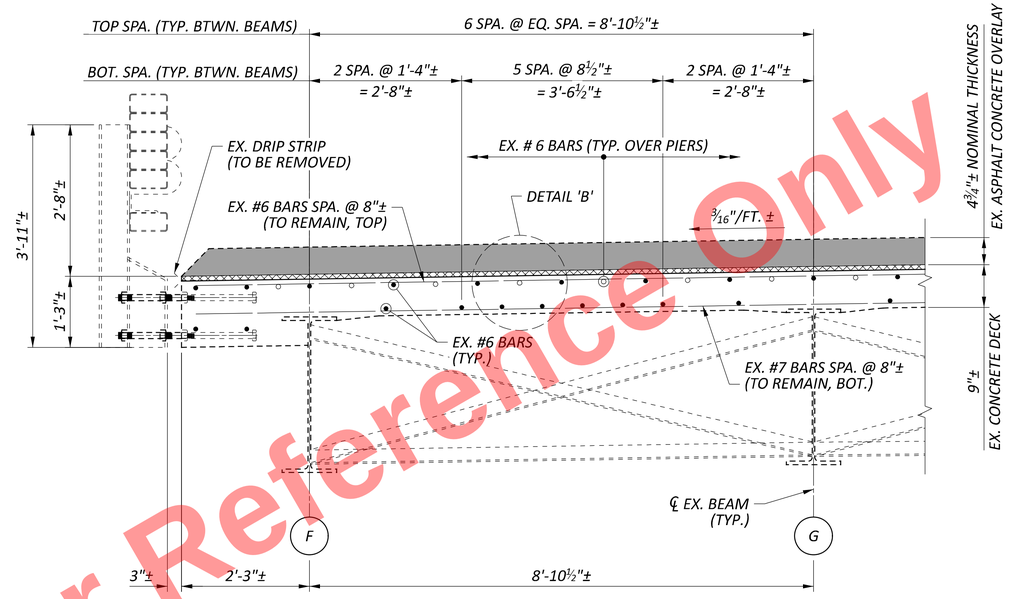


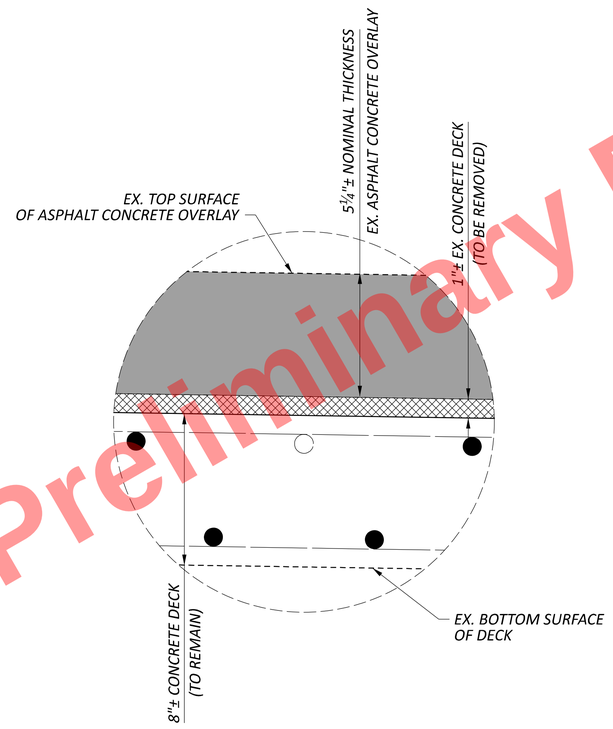
PARTIAL TRANSVERSE SECTION - SOUTHBOUND BRIDGE

(BEAMS A THRU C NOT SHOWN)



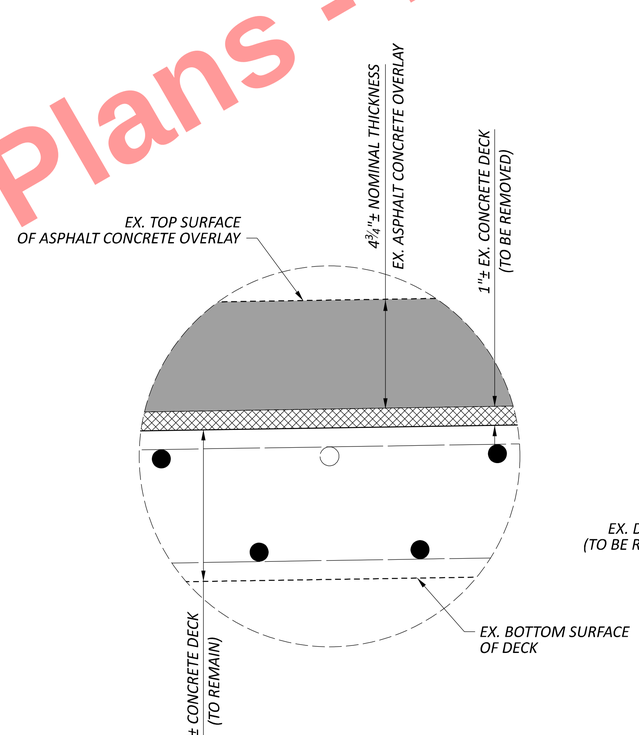
PARTIAL TRANSVERSE SECTION - NORTHBOUND BRIDGE

(BEAMS H THRU K NOT SHOWN)



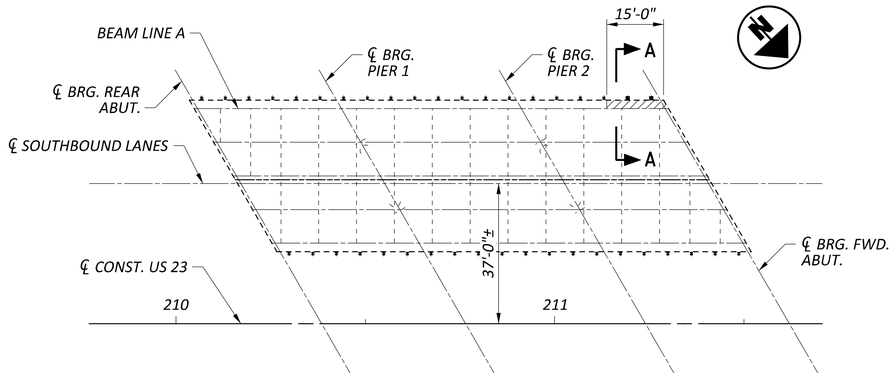
DETAIL 'A'

(SEE PARTIAL TRANSVERSE SECTION FOR REINFORCING CALLOUTS)

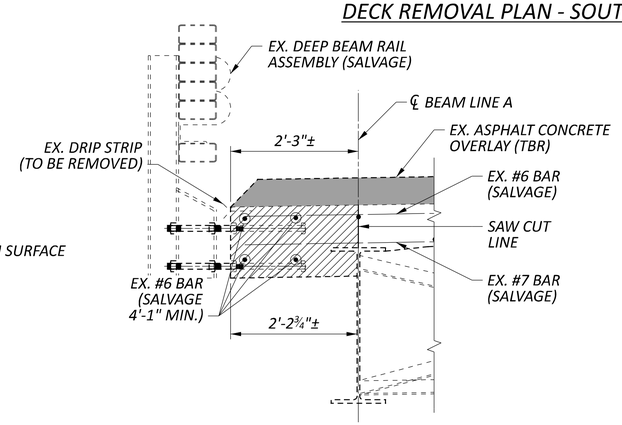


DETAIL 'B'

(SEE PARTIAL TRANSVERSE SECTION FOR REINFORCING CALLOUTS)



DECK REMOVAL PLAN - SOUTHBOUND BRIDGE



SECTION A-A

LEGEND:

- (#) - BEAM LINE DESIGNATION
- - INDICATES EXISTING OVERLAY TO BE REMOVED
- - INDICATES EXISTING CONCRETE TO BE REMOVED BY HYDRO-DEMOLITION
- - REMOVAL PER ITEM 202- PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

SUPERSTRUCTURE REMOVAL DETAILS
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN	8800243
SFN	8800278
DESIGN AGENCY	E.L. ROBINSON ENGINEERING
	1468 West 9th St, Suite 800 Cleveland, Ohio
	950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER	JAW
CHECKER	JOL
REVIEWER	RER 02/13/26
PROJECT ID	121424
SUBSET	10
TOTAL	16
SHEET	P.277
TOTAL	323

WYA-23-03.47

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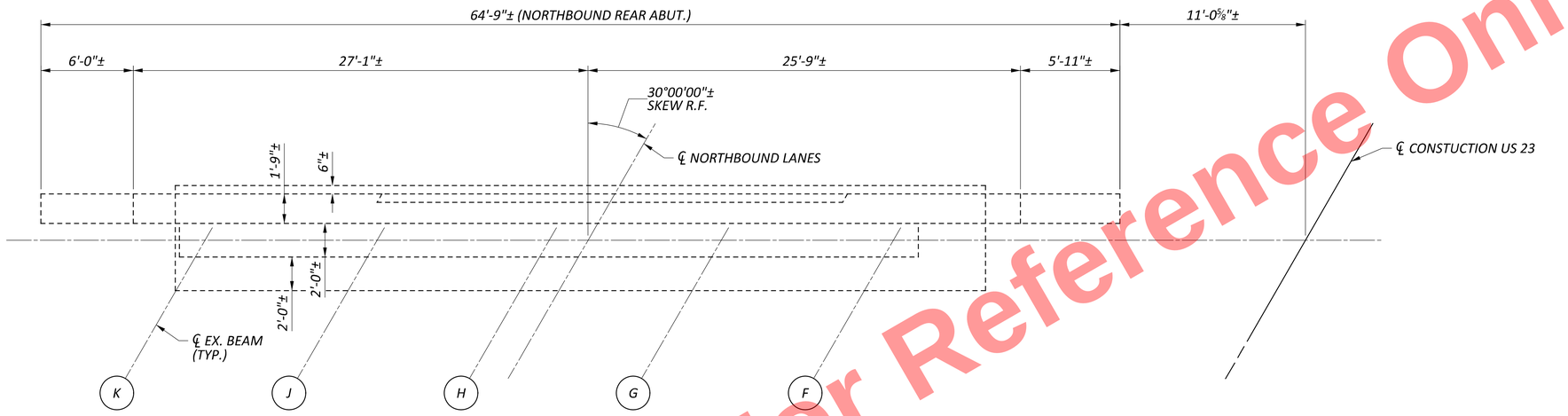
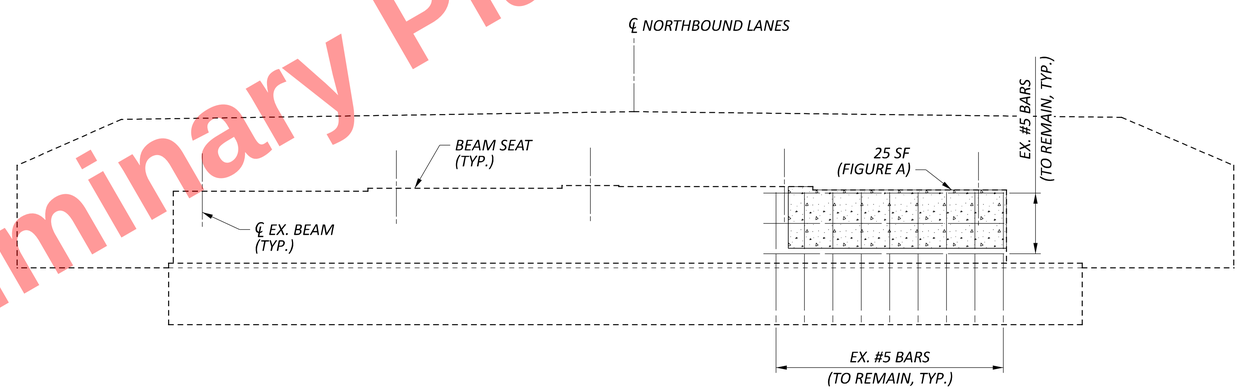
Preliminary Plans - For Reference Only

Preliminary Plans - For Reference Only



PLAN



ELEVATION

FIGURE A

SUMMARY OF PATCHING AREAS	
LOCATION	QUANTITY (SF)
NORTHBOUND LANES - REAR ABUTMENT	25

LEGEND:

(#) - BEAM LINE DESIGNATION

- INDICATES AREAS TO BE PATCHED PER ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN

NOTES:

1. THE PATCHING LIMITS SHOWN ARE THE MINIMUM AMOUNT NECESSARY TO PERFORM THE PROPOSED WORK. ANY ADDITIONAL PATCHING OR REMOVAL PERFORMED BY THE CONTRACTOR IS TO BE APPROVED BY THE ENGINEER PRIOR TO STARTING PATCHING OR REMOVAL. ALL ADDITIONAL PATCHING OR REMOVAL IS TO BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE DEPARTMENT.
2. PILES NOT SHOWN FOR CLARITY.
3. FOR DETAILS NOT SHOWN, REFER TO THE EXISTING PLANS REFERENCED IN THE GENERAL NOTES ON SHEET 3/16.

NORTHBOUND LANES
REAR ABUT.

REAR ABUTMENT PATCHING DETAILS - NORTHBOUND LANES
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 11 | TOTAL 16
SHEET P.278 | TOTAL 323

WYA-23-03.47

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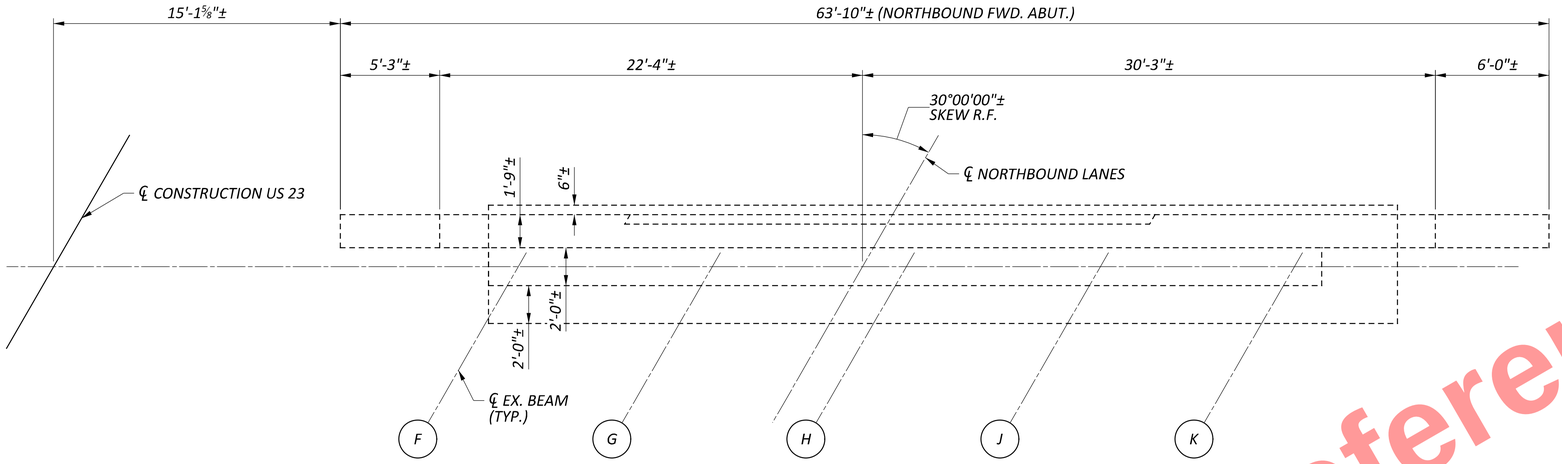
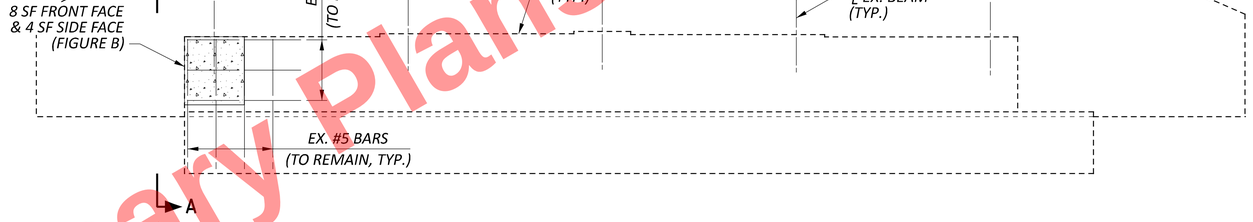
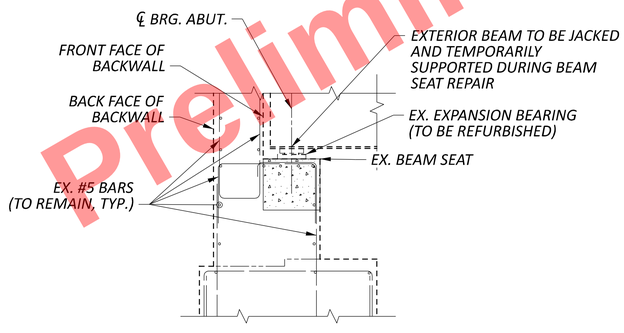


PLAN

FIGURE B



ELEVATION



VIEW A-A

SUMMARY OF PATCHING AREAS	
LOCATION	QUANTITY (SF)
NORTHBOUND LANES - FORWARD ABUTMENT	12

LEGEND:

(#) - BEAM LINE DESIGNATION

- INDICATES AREAS TO BE PATCHED PER ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN

NOTES:

1. THE PATCHING LIMITS SHOWN ARE THE MINIMUM AMOUNT NECESSARY TO PERFORM THE PROPOSED WORK. ANY ADDITIONAL PATCHING OR REMOVAL PERFORMED BY THE CONTRACTOR IS TO BE APPROVED BY THE ENGINEER PRIOR TO STARTING PATCHING OR REMOVAL. ALL ADDITIONAL PATCHING OR REMOVAL IS TO BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE DEPARTMENT.
2. PILES NOT SHOWN FOR CLARITY.
3. FOR DETAILS NOT SHOWN, REFER TO THE EXISTING PLANS REFERENCED IN THE GENERAL NOTES ON SHEET 3/16.

NORTHBOUND BRIDGE FORWARD ABUT.

FORWARD ABUTMENT PATCHING DETAILS - NORTHBOUND LANES
BRIDGE NO. WYA-00023-03.99OL&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 12 | TOTAL 16
SHEET P.279 | TOTAL 323

WYA-23-03.47

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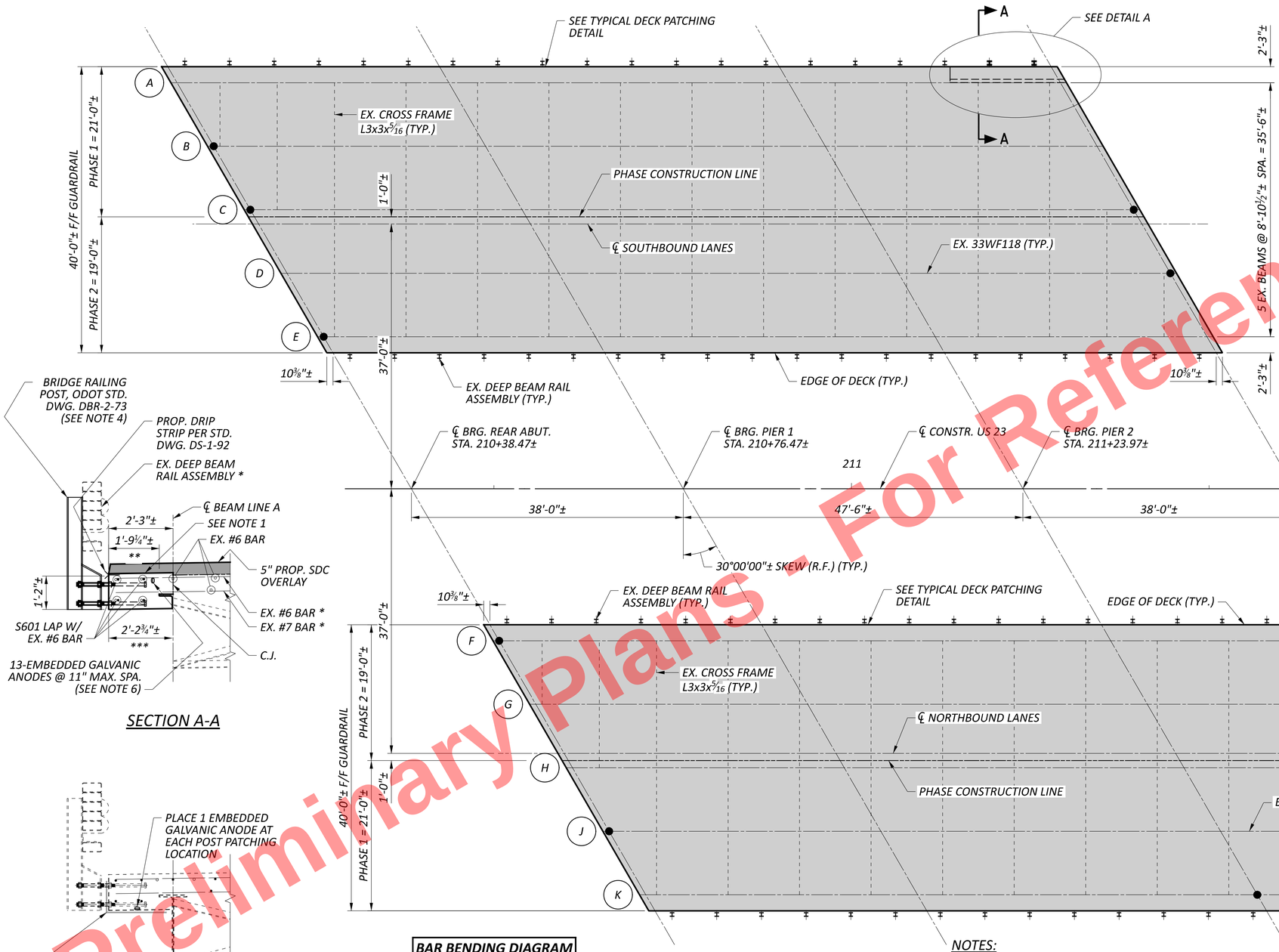
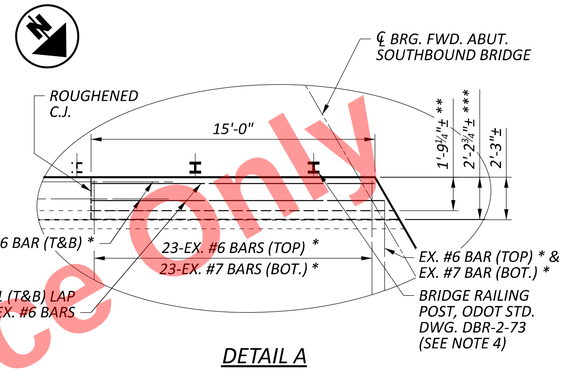
Preliminary Plans - For Reference Only





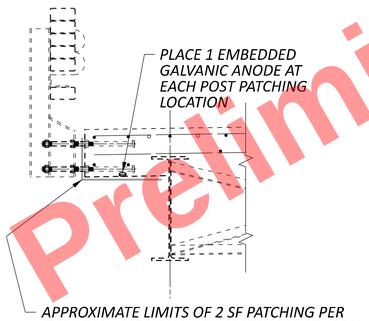
DETAIL A

MIN. LAP LENGTHS	
NO. 6 BARS	4'-1"

LEGEND:

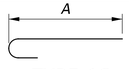
- (B) - BEAM LINE DESIGNATION
- ● - BEARING TO BE REFURBISHED PER ITEM 516 - REFURBISHING BEARING DEVICES, AS PER PLAN
- * - SALVAGED
- ** - MEASURED TO OUTSIDE EDGE OF EX. BEAM TOP FLANGE
- *** - MEASURED TO OUTSIDE FASCIA OF EX. BEAM WEB
- ▭ - 5" PROPOSED SUPERPLASTICIZED DENSE CONCRETE OVERLAY

SECTION A-A



TYPICAL DECK PATCHING DETAIL

BAR BENDING DIAGRAM



TYPE-16

DECK AND FRAMING PLAN

REINFORCING STEEL						
MARK	MAT'RL TYPE	TOTAL	LENGTH	WEIGHT	TYPE	A
S601	ECSR	4	15'-6"	93	16	14'-10"

SUMMARY OF PATCHING AREAS - SOUTHBOUND LANES	
LOCATION	QUANTITY (SF)
LEFT EDGE OF DECK	36
RIGHT EDGE OF DECK	40
CONTINGENCY AS DIRECTED BY ENGINEER (25%)	19
TOTAL	95

SUMMARY OF PATCHING AREAS - NORTHBOUND LANES	
LOCATION	QUANTITY (SF)
LEFT EDGE OF DECK	40
RIGHT EDGE OF DECK	40
CONTINGENCY AS DIRECTED BY ENGINEER (25%)	20
TOTAL	100

NOTES:

1. PLACE DECK EDGE CONCRETE TO PRE-HYRO-DEMOLITION ELEVATION AND ROUGHEN PER C&MS 511.09. DO NOT HYDRO-DEMOLITION.
2. FOR ADDITIONAL INFORMATION REGARDING ITEM 516 - REFURBISHING BEARING DEVICES, AS PER PLAN, SEE GENERAL NOTES SHEET.
3. PROPOSED REINFORCING STEEL IS TO BE PER ITEM 509 - EPOXY COATED REINFORCEMENT, AS PER PLAN. SEE GENERAL NOTES SHEET FOR FURTHER INFORMATION.
4. BRIDGE RAILING POST AND MOUNTING HARDWARE IS TO BE REPLACED PER ODOT STD. DWG. DBR-2-73 DURING REPLACEMENT OF BRIDGE RAILING POSTS AND RE-INSTALLATION OF EXISTING DEEP BEAM RAIL.
5. REPAIR CONCRETE IS TO BE HYDRAULIC CEMENT-BASED MATERIAL WITH A ELECTRICAL RESISTIVITY LESS THAN 50,000 OHM-CM ACCORDING TO ASTM C 1760. DO NOT USE NON-CONDUCTIVE REPAIR MATERIALS SUCH AS MAGNESIUM AMMONIUM PHOSPHATE CONCRETE AND EPOXY MORTARS OR BONDING AGENTS. CONCRETE MIXES CONTAINING HIGH LEVELS OF SUPPLEMENTARY CEMENTITIOUS MATERIALS SUCH AS SILICA FUME, GROUND GRANULATED BLAST FURNACE SLAG, LATEX, FLY ASH OR METAKAOLIN MAY NOT MEET THE RESISTIVITY REQUIREMENT.

   THE GALVANIC ANODE SIZE AND SPACING IS BASED ON ACHIEVING A CURRENT DENSITY FOR THE EXTREMELY HIGH CORROSION RISK CATEGORY WITH A 20 YEAR INSTALLATION. SUPPLY ANODES WITH A MINIMUM CORE OF 160 GRAMS OF ZINC ALKALI ACTIVATED.
6. ALTERNATE EVERY OTHER ANODE TIED TO THE TOP OR BOTTOM MAT OF REINFORCING. INCLUDE FOR PAYMENT UNDER ITEM 844 - GALVANIC ANODE PROECTION, AS PER PLAN.

Preliminary Plans - For Reference Only

DECK AND FRAMING PLAN AND MISCELLANEOUS DETAILS
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER JOL
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 13 | TOTAL 16
SHEET P.280 | TOTAL 323

WYA-23-03.47

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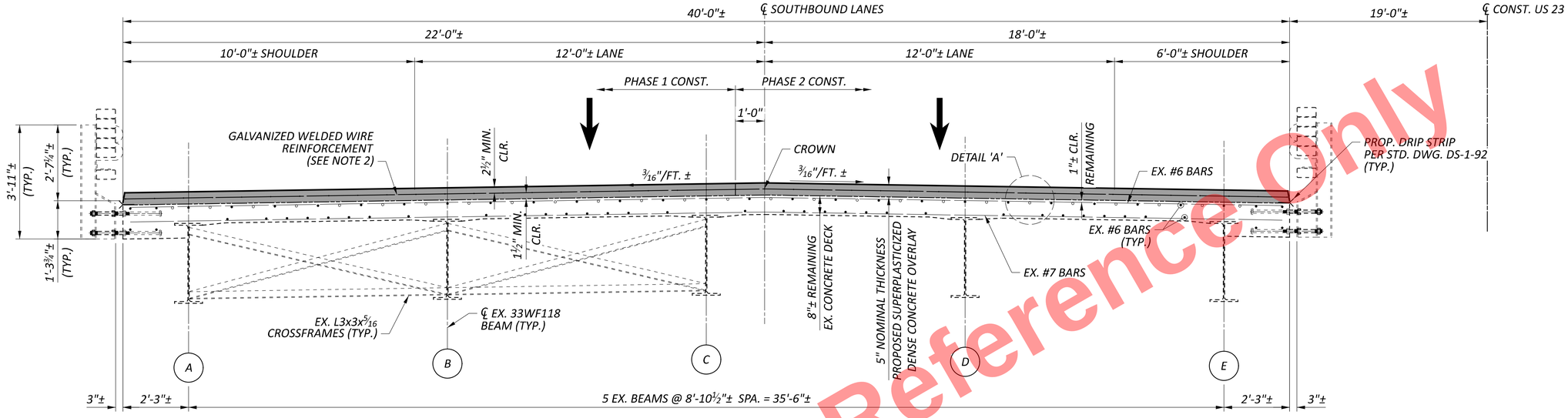
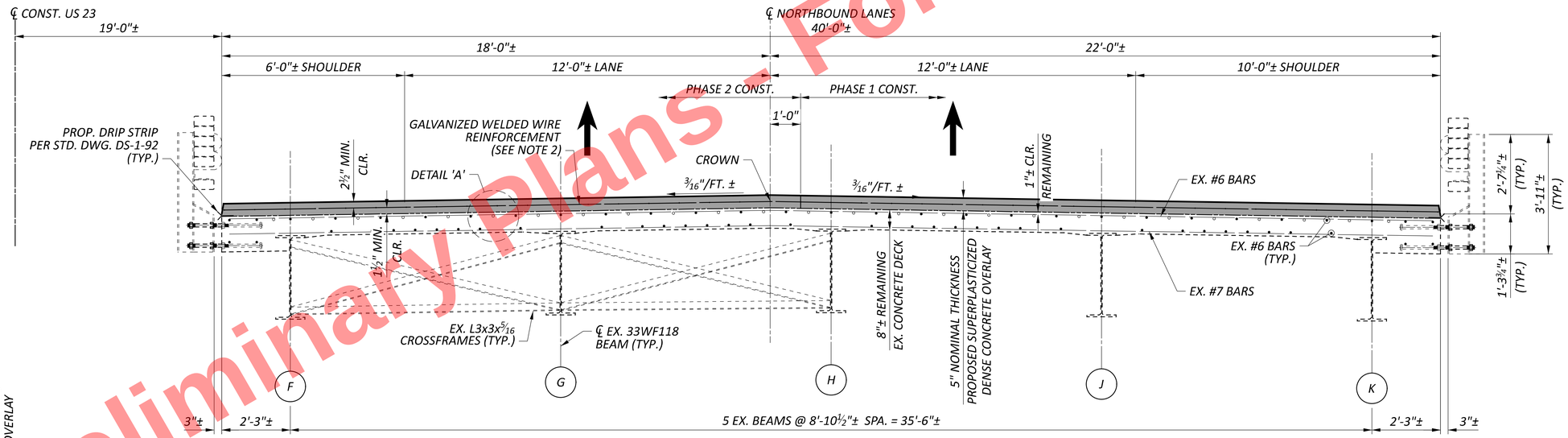
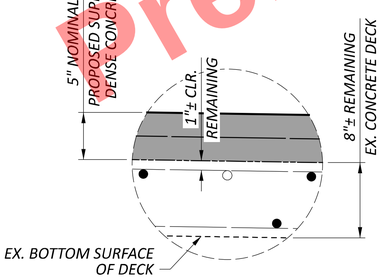


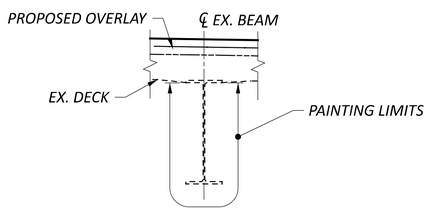
TRANSVERSE SECTION - SOUTHBOUND BRIDGE
(LOOKING UPSTATION)



TRANSVERSE SECTION - NORTHBOUND BRIDGE
(LOOKING UPSTATION)



DETAIL 'A'
(SEE TRANSVERSE SECTION FOR REINFORCING CALLOUTS)



PAINTING LIMITS
(SEE NOTE 1)

LEGEND:

- (B) - BEAM LINE DESIGNATION
- ▭ - INDICATES PROPOSED 5" NOMINAL THICKNESS SUPERPLASTICIZED DENSE CONCRETE OVERLAY

NOTES:

1. EXISTING BEAMS, CROSSFRAMES, AND BEARINGS ARE TO BE PAINTED. FOR ADDITIONAL INFORMATION, SEE GENERAL NOTES ON SHEET 3/16.
2. PROVIDE A 12 x 12 - D12 x D12 GALVANIZED WELDED WIRE REINFORCEMENT (WWR) OVER THE ENTIRE AREA OF THE STRUCTURE RECEIVING THE SUPERPLASTICIZED DENSE CONCRETE OVERLAY. ENSURE THAT WWR MATS ARE PLACED ADJACENT TO EACH OTHER TO HAVE A MINIMUM OVERLAP OF 6".

Preliminary Plans - For Reference Only

TRANSVERSE SECTIONS
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER JAW | CHECKER TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 14 | TOTAL 16
SHEET P.281 | TOTAL 323

WYA-23-03.47

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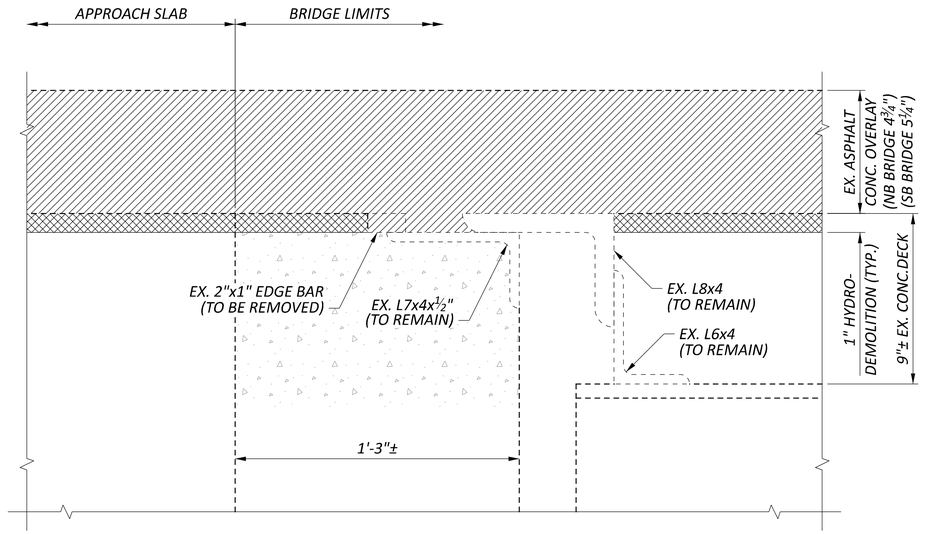
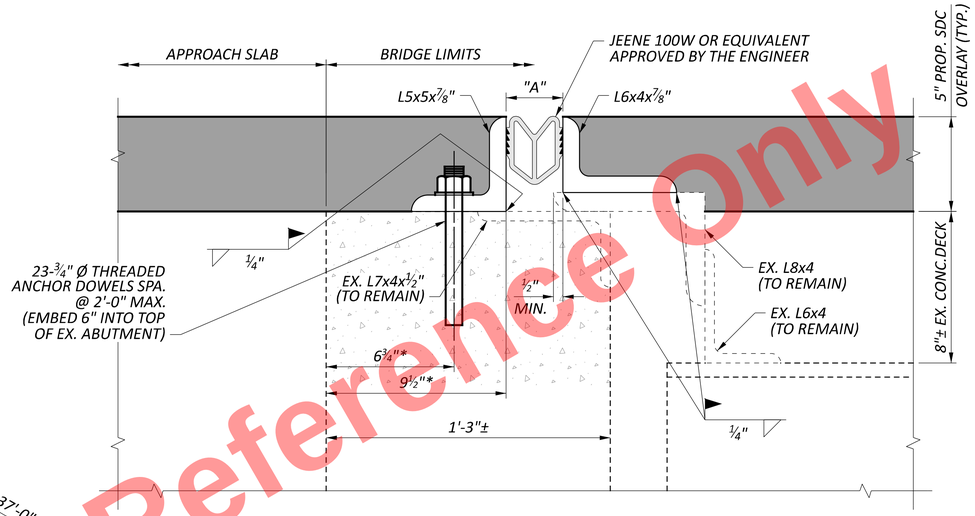
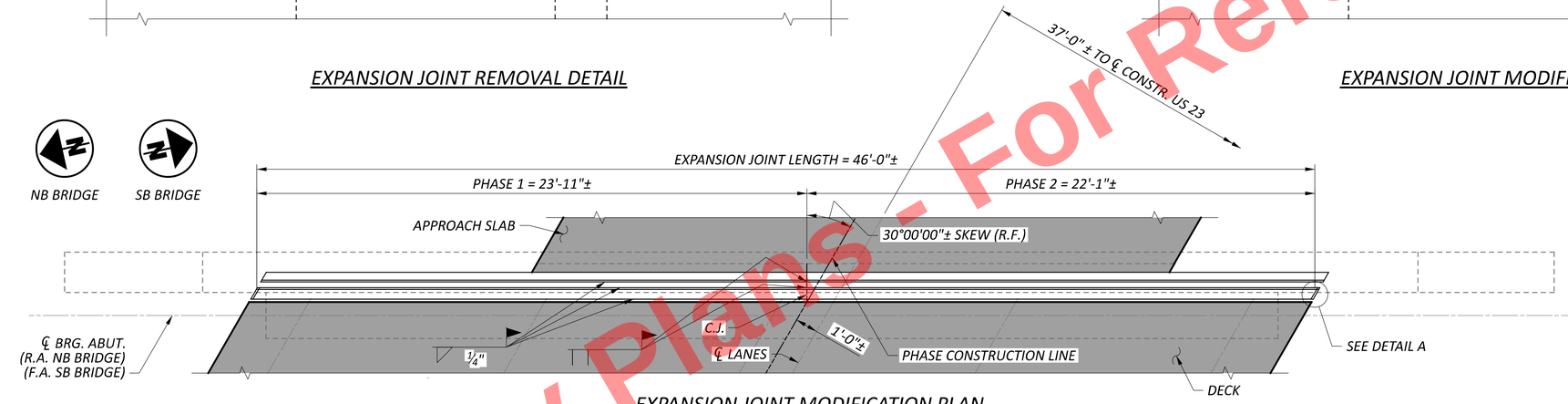


EXPANSION JOINT REMOVAL DETAIL



EXPANSION JOINT MODIFICATION DETAIL

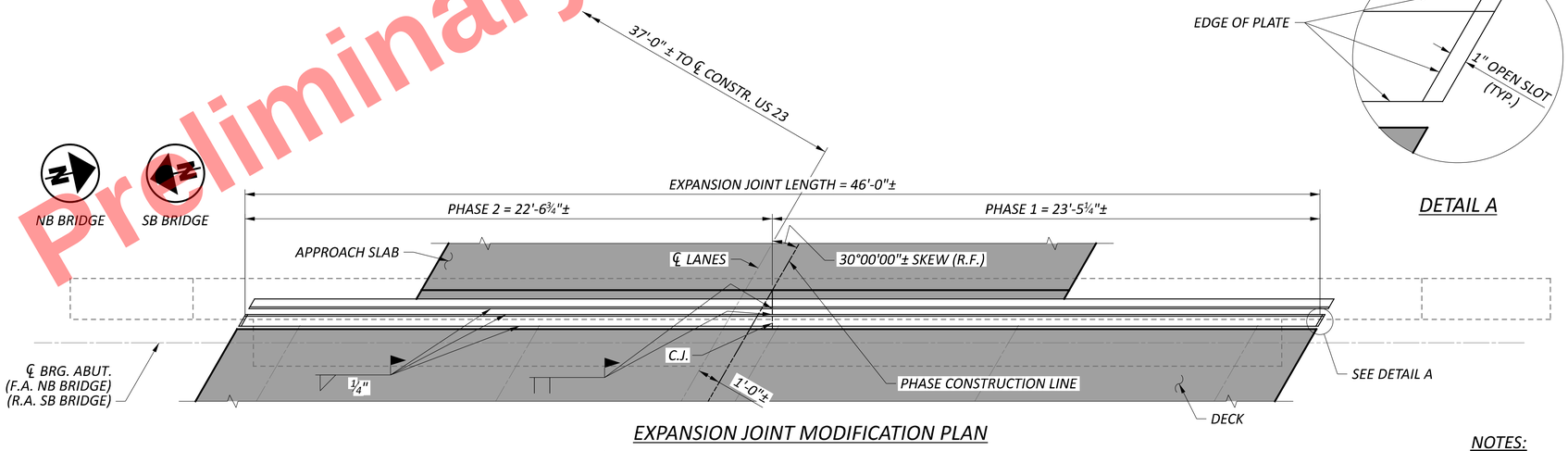
NB BRIDGE SB BRIDGE



EXPANSION JOINT MODIFICATION PLAN

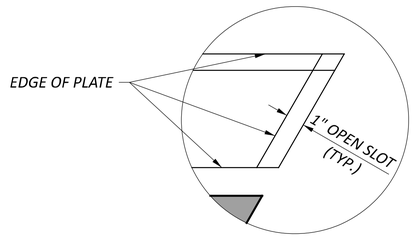
(REAR ABUTMENT NB BRIDGE & FORWARD ABUTMENT SB BRIDGE)

NB BRIDGE SB BRIDGE



EXPANSION JOINT MODIFICATION PLAN

(FORWARD ABUTMENT NB BRIDGE & REAR ABUTMENT SB BRIDGE)



DETAIL A

REAR ABUTMENT "A" DIMENSION FOR SETTING JOINT	
AMBIENT TEMPERATURE	"A" (in.)
@ 30 °F	3.09
@ 40 °F	3.06
@ 50 °F	3.03
@ 60 °F	3.00
@ 70 °F	2.97
@ 80 °F	2.94
@ 90 °F	2.91

FORWARD ABUTMENT "A" DIMENSION FOR SETTING JOINT	
AMBIENT TEMPERATURE	"A" (IN.)
@ 30 °F	3.21
@ 40 °F	3.14
@ 50 °F	3.07
@ 60 °F	3.00
@ 70 °F	2.93
@ 80 °F	2.86
@ 90 °F	2.79

LEGEND:

- REMOVAL OF EXISTING ASPHALT CONCRETE OVERLAY
- REMOVAL OF EXISTING CONCRETE BY HYDRO-DEMOLITION
- 5" PROPOSED SUPERPLASTICIZED DENSE CONCRETE OVERLAY
- * - FIELD VERIFY DIMENSIONS PRIOR TO DRILLING DOWEL HOLES. ADJUST AS REQUIRED TO ACHIEVE THE JOINT OPENINGS IN THE TABLES SHOWN. HOWEVER, MAINTAIN A MINIMUM OF ½" TO THE FACE OF THE L6x4x⅞ AS SHOWN.

NOTES:

1. INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO CONSTRUCT THE EXPANSION JOINT MODIFICATION INCLUDING THE JOINT SEAL WITH ITEM 516 - VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN. INSTALL ANCHOR DOWELS AS PER C&MS 510.

Preliminary Plans - For Reference Only

EXPANSION JOINT MODIFICATION DETAILS
BRIDGE NO. WYA-00023-03.990L&R
OVER LITTLE SANDUSKY RIVER

SFN 8800243
SFN 8800278
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St., Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio
DESIGNER MGB | CHECKER TAS
REVIEWER RER 02/13/26
PROJECT ID 121424
SUBSET 15 | TOTAL 16
SHEET P.282 | TOTAL 323

WYA-23-03.47

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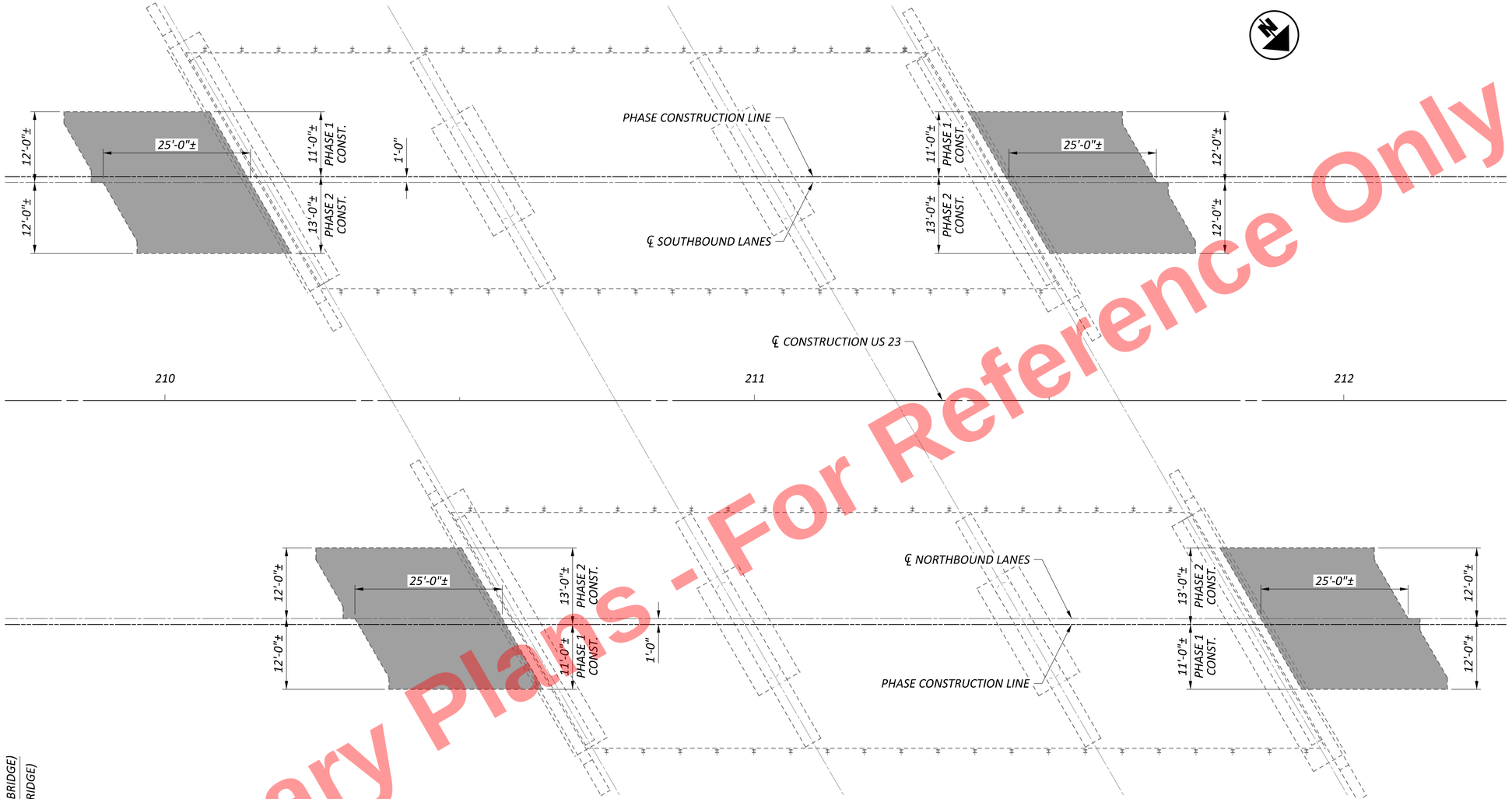
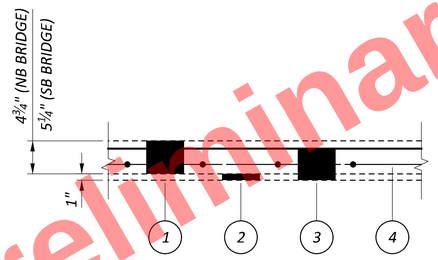


APPROACH SLAB OVERLAY PLAN



APPROACH SLAB TYPICAL SECTION

1. EXISTING OVERLAY REMOVED PER ITEM 848 - WEARING COURSE REMOVED, ASPHALT
2. SURFACE PREPARATION PER ITEM 848 - SURFACE PREPARATION USING HYDRODEMOLITION
3. PROPOSED OVERLAY PER ITEM 848 - SUPERPLASTICIZED DENSE CONCRETE OVERLAY (5")
4. WELDED WIRE REINFORCING PER ITEM 530 - STRUCTURE, MISC.: WELDED WIRE REINFORCEMENT

LEGEND:

- 5" PROPOSED SUPERPLASTICIZED DENSE CONCRETE OVERLAY

NOTES:

1. APPLY 2'-0" HMWM SEALER CENTERED ON THE PHASE CONSTRUCTION JOINT.

Preliminary Plans - For Reference Only

APPROACH SLAB OVERLAY DETAILS
BRIDGE NO. WYA-00023-03.99OL&R
OVER LITTLE SANDUSKY RIVER

WYA-23-03.47

SFN 8800243
SFN 8800278

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800
Cleveland, Ohio
950 Goodale Blvd, Suite 180
Grandview Heights, Ohio

DESIGNER	CHECKER
MGB	JOL

REVIEWER: RER 02/13/26
PROJECT ID: 121424
SUBSET 16 / TOTAL 16
SHEET P.284 / TOTAL 323

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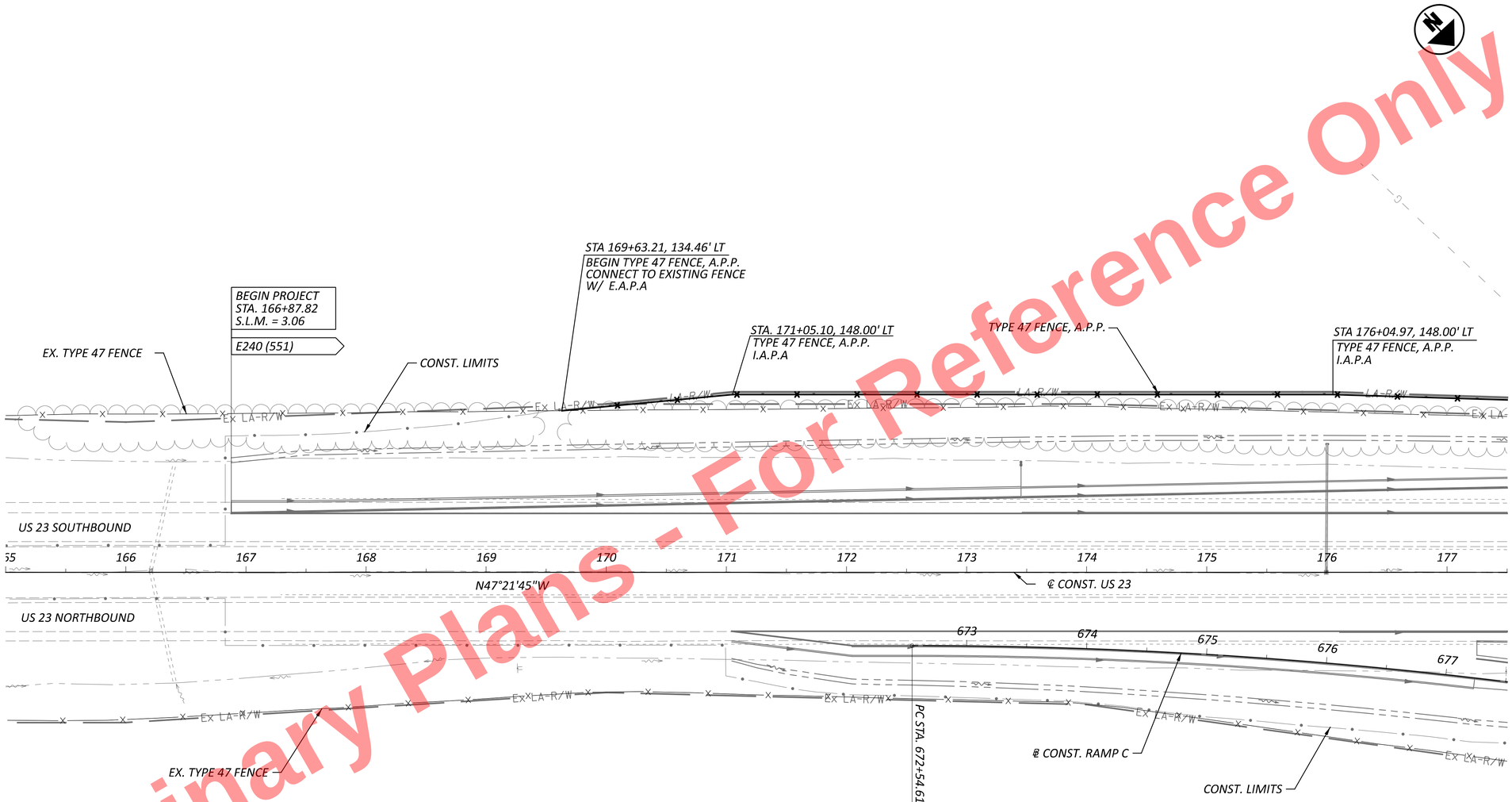

SHEET NO.	601 ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (CY)		607 FENCE TYPE 47, AS PER PLAN (FT)	607 FENCELINE SEEDING AND MULCHING (FT)
285			787.5	787.5
286	4.67		1807.06	1807.06
287	9.00		2101.93	2101.93
288			367.84	367.84
TOTALS CARRIED TO GENERAL SUMMARY	13.67		5064	5064

ESTIMATED QUANTITES ON THIS SHEET:

ITEM 607 FENCE, TYPE 47, AS PER PLAN 787.50 FT

ITEM 607 FENCLINE SEEDING AND MULCHING 787.50 FT

FENCING QUATITIES INCLUDE ALL HARDWARE, POST, ETC., COMPLETE IN PLACE AND ARE CARRIED TO THE FENCING SUB-SUMMARY TABLE ON THIS SHEET.

LEGEND

A.P.P. - AS PER PLAN
E.A.P.A. - END ANCHOR POST ASSEMBLY
I.A.P.A - INTERMEDIATE ANCHOR POST ASSEMBLY
C.A.P.A - CORNER ANCHOR POST ASSEMBLY

ALL STATION AND OFFSET INFORMATION IS BASED OFF OF THE ℄ CONSTRUCTION US 23 ALIGNMENT.

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - US 23
STA 165+00.00 TO STA. 177+50.00

DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
950 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER KRF 02/13/26
PROJECT ID 121424
SHEET P.285 TOTAL 323

WYA-23-3.47

MODEL: 121424_GX001 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:26:57 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: krahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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LEGEND

A.P.P. - AS PER PLAN
E.A.P.A. - END ANCHOR POST ASSEMBLY
I.A.P.A - INTERMEDIATE ANCHOR POST ASSEMBLY
C.A.P.A - CORNER ANCHOR POST ASSEMBLY

ALL STATION AND OFFSET INFORMATION IS BASED OFF OF THE ℄ CONSTRUCTION US 23 ALIGNMENT.

STA 188+00.89, 485.70' LT
TYPE 47 FENCE, A.P.P.
I.A.P.A

TYPE 47 FENCE, A.P.P.

FENCE CROSSING TYPE 1 (PER SCD F-3.4)

WETLAND B

STA 183+41.61, 225.64' LT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 179+11.39, 138.47' LT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 181+01.86, 132.55' LT
END TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

CONST. LIMITS

STA 181+90.15, 139.89' LT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

EX. TYPE 47 FENCE

TS STA. 479+37.82

SC STA. 481+47.82

PT STA. 484+98.17

PC STA. 487+50.62

℄ CONST. RAMP A

US 23 SOUTHBOUND

US 23 NORTHBOUND

N47°21'45"W ℄ CONST. US 23

℄ CONST. RAMP C

PCC STA. 681+07.18

PT STA. 683+56.23

STA 183+01.46, 337.93' LT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

STA 183+01.99, 395.81' LT
TYPE 47 FENCE, A.P.P.
C.A.P.A

STA 181+76.84, 527.17' LT
END TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

℄ CONST. S.R. 294

STA 184+65.90, 493.93' RT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

STA 184+83.34, 483.17' RT
TYPE 47 FENCE, A.P.P.
C.A.P.A

EX. TYPE 47 FENCE

STA 1185+22.79, 493.80' RT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

STA 187+49.56, 498.77' RT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE W/ E.A.P.A

CONST. RAMP D

PC STA. 785+61.82

EX. TYPE 47 FENCE

TYPE 47 FENCE, A.P.P.

ESTIMATED QUANTITES ON THIS SHEET:

ITEM 601	*ROCK CHANNEL PROTECTION, TYPE B, WITH GEOTEXTILE FABRIC*	*4.67 CY*
ITEM 607	*FENCE, TYPE 47, AS PER PLAN*	*1807.06 FT*
ITEM 607	*FENCLINE SEEDING AND MULCHING*	*1807.06 FT*

FENCING QUATITIES INCLUDE ALL HARDWARE, POST, ETC., COMPLETE IN PLACE AND ARE CARRIED TO THE FENCING SUB-SUMMARY TABLE ON SHEET P.285.

Preliminary Plans - Pending
For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - US 23
STA. 177+50.00 TO STA 190+00.00

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800 Cleveland, Ohio
950 Goodale Blvd. Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER KRF 02/13/26
PROJECT ID 121424
SHEET P.286 TOTAL 323

Preliminary Plans - For Reference Only

STA 190+00.94, 463.38' LT
END TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE
W/ E.A.P.A

EX. TYPE 47 FENCE

℄ CONST. RAMP A

PT STA. 490+96.04

CONST. LIMITS

PC STA. 307+39.19

FENCE CROSSING TYPE 1
(PER SCD F-3.4)

STA 195+50.11, 290.65' LT
BEGIN TYPE 47 FENCE, A.P.P.
CONNECT TO EXISTING FENCE
W/ E.A.P.A

STA 197+52.00, 195.67' LT
TYPE 47 FENCE, A.P.P.
C.A.P.A

STA 197+52.00, 157.56' LT
TYPE 47 FENCE, A.P.P.
C.A.P.A

TYPE 47 FENCE, A.P.P.

STA 198+50.15, 180.81' LT
TYPE 47 FENCE, A.P.P.
I.A.P.A

EX. TYPE 47 FENCE

STA 200+93.68, 143.93' LT
TYPE 47 FENCE, A.P.P.
I.A.P.A

PC STA. 595+47.05

PC STA. 593+12.30

PT STA. 309+49.39

N20°26'02"W

℄ CONST. S.R. 294

℄ CONST. RAMP B

US 23 SOUTHBOUND

N47°21'45"W

℄ CONST. US 23

US 23 NORTHBOUND

℄ CONST. RAMP D

EX. TYPE 47 FENCE

N82°14'54"W

PC STA. 792+23.19

PT STA. 789+73.59

CS STA. 795+00.19

ST STA. 798+10.19

STA 194+39.11, 213.17' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

CONST. LIMITS

TYPE 47 FENCE, A.P.P.

STA 192+48.97, 353.28' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 190+09.44, 468.05' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 195+99.63, 168.03' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 196+99.92, 158.00' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

STA 199+99.93, 163.00' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

EX. TYPE 47 FENCE

STA 201+10.30, 153.00' RT
TYPE 47 FENCE, A.P.P.
I.A.P.A

ESTIMATED QUANTITES ON THIS SHEET:

ITEM 601	ROCK CHANNEL PROTECTION, TYPE B, WITH GEOTEXTILE FABRIC	9.00 CY
ITEM 607	FENCE, TYPE 47, AS PER PLAN	2101.93 FT
ITEM 607	FENCELINE SEEDING AND MULCHING	2101.93 FT

FENCING QUATITIES INCLUDE ALL HARDWARE, POST, ETC., COMPLETE IN PLACE AND ARE CARRIED TO THE FENCING SUB-SUMMARY TABLE ON SHEET P.285.

LEGEND

A.P.P. - AS PER PLAN
E.A.P.A. - END ANCHOR POST ASSEMBLY
I.A.P.A - INTERMEDIATE ANCHOR POST ASSEMBLY
C.A.P.A - CORNER ANCHOR POST ASSEMBLY

ALL STATION AND OFFSET INFORMATION IS BASED OFF OF THE ℄ CONSTRUCTION US 23 ALIGNMENT.

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - US 23
STA. 190+00.00 TO STA. 202+50.00

WYA-23-3.47

MODEL: 121424_GX003 PAPERSIZE: 17x11 (in.) DATE: 2/12/2026 TIME: 2:27:19 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_WYA-23.tbl USER: kfahy@elrobinson.com WORKSPACE: OHDOTCEv02 WORKSET: 121424 PRODUCT: OpenRoadsDesigner 24.00.00.205
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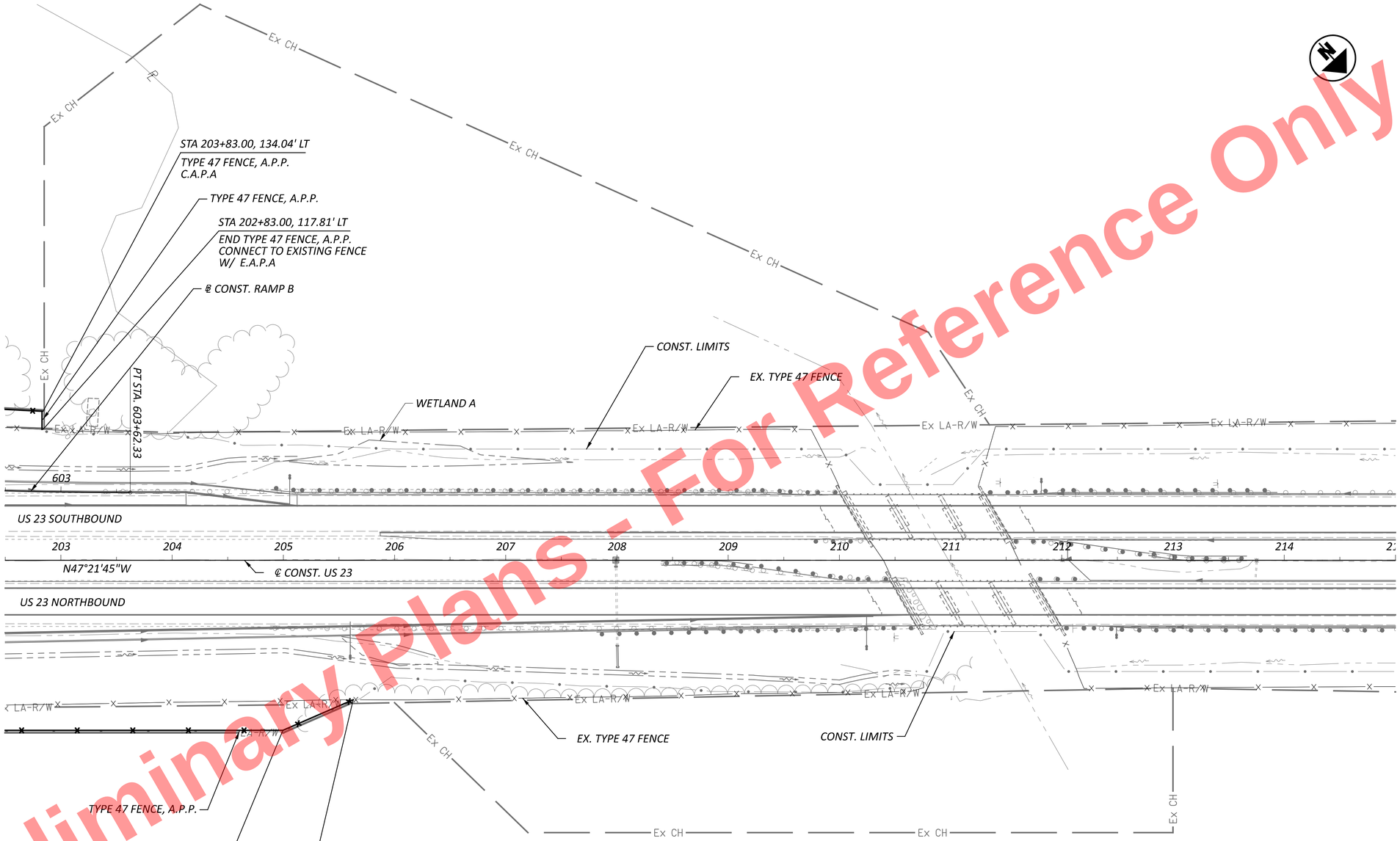
DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St, Suite 800 Cleveland, Ohio
950 Goodale Blvd, Suite 180 Grandview Heights, Ohio

DESIGNER JNL
REVIEWER KRF 02/13/26
PROJECT ID 121424
SHEET P.287 TOTAL 323



Preliminary Plans - For Reference Only

ESTIMATED QUANTITES ON THIS SHEET:

ITEM 607 FENCE, TYPE 47, AS PER PLAN	367.84 FT
ITEM 607 FENCLINE SEEDING AND MULCHING	367.84 FT

FENCING QUATITIES INCLUDE ALL HARDWARE, POST, ETC., COMPLETE IN PLACE AND ARE CARRIED TO THE FENCING SUB-SUMMARY TABLE ON SHEET P.285.

LEGEND

A.P.P. - AS PER PLAN
E.A.P.A. - END ANCHOR POST ASSEMBLY
I.A.P.A - INTERMEDIATE ANCHOR POST ASSEMBLY
C.A.P.A - CORNER ANCHOR POST ASSEMBLY

ALL STATION AND OFFSET INFORMATION IS BASED OFF OF THE ℄ CONSTRUCTION US 23 ALIGNMENT.

HORIZONTAL SCALE IN FEET
0 25 50 100

FENCING PLAN - US 23
STA. 202+50.00 TO STA 215+00.00

WYA-23-3.47

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DESIGN AGENCY
E.L. ROBINSON ENGINEERING
1468 West 9th St. Suite 800
Cleveland, Ohio
550 Goodale Blvd. Suite 180
Grandview Heights, Ohio

DESIGNER JNL
REVIEWER KRF 02/13/26
PROJECT ID 121424
SHEET P.288 TOTAL 323

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE DESIGN AND CONSTRUCTION OF THE PROPOSED INTERCHANGE AT THE INTERSECTION OF US ROUTE 23 AND STATE ROUTE 294 IN WYANDOT COUNTY, OHIO.THE PROPOSED INTERCHANGE WILL INCLUDE FOUR (4) NEW RAMP ALIGNMENTS (RAMP A THROUGH RAMP D), A GRADE-SEPARATION STRUCTURE CONSISTING OF A NEW BRIDGE ON SEMI-INTEGRAL ABUTMENTS ATOP MSE WALLS, AND EXTENSION OF SR 294 ALONG THE NEW ALIGNMENT. IN ADDITION TO THE PROPOSED NEW INTERCHANGE, THE PROJECT ALSO INCLUDES REALIGNMENT AND WIDENING OF THE TR 127.

HISTORIC RECORDS

NO HISTORICAL GEOTECHNICAL RECORDS WERE FOUND FOR THIS PROJECT.

GEOLOGY

PHYSIOGRAPHICALLY, THE SITE LIES WITHIN THE CENTRAL OHIO CLAYEY TILL PLAIN REGION OF THE TILL PLAINS SECTION. THE CENTRAL OHIO CLAYEY TILL PLAINS IS COVERED WITH WELL-DEFINED GROUND AND END MORAINES COMPOSED OF CLAYEY TILL DEPOSITS WITH SPARSE INTERMORAINAL LAKE BASINS THROUGHOUT. GROUND MORAINES ARE DEPOSITED DURING THE RETREAT OF A GLACIER, RESULTING IN AN UNDIFFERENTIATED MIXTURE OF CLAY, SILT, SAND AND GRAVEL. END MORAINES ARE NORMALLY ASSOCIATED WITH ICE MELTING THAT IS NEITHER ADVANCING NOR RETREATING FOR A PERIOD OF TIME. THE DEBRIS LEFT BEHIND BY THE ICE RANGES IN COMPOSITION, FROM CLAY SIZES TO BOULDERS (INCLUDING SILT, SAND, AND GRAVEL). LAKE BASIN IN THE CENTRAL OHIO CLAYEY TILL PLAINS PREDOMINANTLY CONSISTS OF SILT, CLAY AND TILL FILLED AREA.

BASED ON THE BEDROCK GEOLOGY AND BEDROCK TOPOGRAPHY MAPS OF THE AREA, OBTAINED FROM OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), THE BEDROCK AT THE PROJECT SITES CONSISTS OF SILURIAN AGE BEDROCK DESCRIBED AS SALINA UNDIFFERENTIATED. SALINA UNDIFFERENTIATED CONSISTS OF GRAY AND BROWN DOLOMITE BEDROCK WITH THIN BEDDING. THE SALINA UNDIFFERENTIATED FORMATION RANGES FROM 235 TO 335 FEET AND CHARACTERIZED BY ARGILLACEOUS PARTINGS, BRECCIATED INTERVALS, ANHYDRITE/GYPSUM ZONES AND ALGAL LAMINATION. BASED ON THE ODNR BEDROCK TOPOGRAPHY MAPPING, THE BEDROCK SURFACE WITHIN THE PROJECT LIMIT APPEARS TO BE RELATIVELY FLAT WITH BEDROCK ELEVATIONS RANGING FROM 840 TO 845 FEET ABOVE MEAN SEA LEVEL (MSL) WHICH IS APPROXIMATELY 35 TO 50 FEET BELOW THE EXISTING GROUND SURFACE.

RECONNAISSANCE

SITE RECONNAISSANCE WAS PERFORMED ON MAY 13 AND 14, 2025. THE PROJECT SITE IS LOCATED AT THE INTERSECTION OF US 23 AND SR 294 IN WYANDOT COUNTY, OHIO. ALONG THE US 23, THE PROJECT LIMITS EXTEND APPROXIMATELY 2,300 FEET SOUTH OF THE INTERSECTION (STA. 166+87.66) TO 2,200 FEET NORTH OF THE INTERSECTION (STA. 211+98.48). ALONG THE SR 294, THE PROJECT LIMIT EXTENDS APPROXIMATELY 1,000 FEET NORTHWEST OF THE INTERSECTION (STA. 305+28.96) TO 1,100 FEET SOUTHEAST OF THE INTERSECTION (STA. 326+05).

THE EXISTING US 23 IS A BI-DIRECTIONAL, ASPHALT SURFACED, DIVIDED RURAL PRINCIPAL ARTERIAL ROADWAY, WITH TWO (2) APPROXIMATELY 12-FOOT WIDE LANES IN EACH DIRECTION OF TRAVEL. THE EXISTING US 23 HAS AN APPROXIMATELY 4-FOOT WIDE INSIDE SHOULDER AND AN APPROXIMATELY 8-FOOT WIDE OUTSIDE SHOULDER ALONG EACH DIRECTION OF TRAVEL. THE TWO TRAVEL BOUNDS ARE DIVIDED BY A GRASS COVERED MEDIAN. THE EXISTING SR 294 IS A BI-DIRECTIONAL, ASPHALT SURFACED, UNDIVIDED RURAL MINOR COLLECTOR ROADWAY WITH ONE (1) APPROXIMATELY 11-FOOT-WIDE LANE IN EACH DIRECTION OF TRAVEL. THE EXISTING TR 127 IS A BI-DIRECTIONAL, ASPHALT PAVED, UNDIVIDED RURAL LOCAL ROADWAY WITH ONE (1) APPROXIMATELY 7-FOOT-WIDE LANE IN EACH DIRECTION OF TRAVEL.

BASED ON THE PROVIDED PLANS, THE MAJORITY ALIGNMENTS OF THE PROPOSED RAMPS WILL BE CONSTRUCTED WITHIN EXISTING EASEMENT OF THE ROADWAY WITH SOME PORTION AT NORTHEAST AND SOUTHWEST LIKELY WILL BE WITHIN CURRENT PRIVATE PROPERTIES CONSISTING OF AGRICULTURAL LAND AND GRASS COVERED LAWN. ADDITIONALLY, THE MAJORITY OF THE PROPOSED NEW TR 127 ALIGNMENT WILL BE CONSTRUCTED WITHIN FIELD CURRENT PRIVATE PROPERTIES USED AS AN AGRICULTURAL LAND.

WITHIN THE FOOTPRINT OF THE PROPOSED RAMPS THE GROUND SURFACE ELEVATIONS APPEAR TO BE GRADUALLY SLOPING UPWARD FROM SOUTHERN END OF THE PROJECT LIMIT TO THE EXISTING INTERSECTION. THE GROUND SURFACE ELEVATIONS THEN SLOPE GRADUALLY DOWNWARD FROM INTERSECTION TO THE NORTHERN END OF THE PROJECT LIMIT. DURING THE SITE RECONNAISSANCE, AN EXISTING POND WAS OBSERVED NEAR THE PROJECT LIMIT AND LOCATED SOUTHWEST OF THE PROPOSED RAMP A. ADDITIONALLY, A TREE AND BRUSH LINE ALONG WITH FENCE IS LOCATED WITHIN THE PROJECT FOOTPRINT AND NEAR THE PROPOSED RAMP A. ALONG THE MAJORITY OF THE PROJECT LIMITS, THE SURFACE RUNOFF APPEARS TO BE COLLECTED IN THE DITCHES LOCATED ON THE BOTH SIDE OF THE ROADWAYS AND/OR AT THE MEDIAN. REGIONALLY, THE SITE DRAINS TO THE WEST TOWARD THE LITTLE SANDUSKY RIVER

SUBSURFACE EXPLORATION

BETWEEN MAY 19 AND 30, 2025, A TOTAL OF THIRTY-NINE (39) BORINGS, DESIGNATED AS B-0-010-25 TO B-039-0-25, WERE PERFORMED FOR THIS PROJECT AND WERE ADVANCED TO DEPTHS RANGING FROM 6.0 TO 63.3 FEET BELOW THE EXISTING GROUND SURFACE. BORINGS B-003-0-25 TO B-009-0-25 WERE PERFORMED IN THE VICINITY OF THE PROPOSED BRIDGE AND MSE WALLS. THE REMAINING SOIL BORINGS WERE PERFORMED ALONG THE PROPOSED NEW RAMPS AND ROADY ALIGNMENTS AS WELL AS ALONG THE EXISTING ROADWAY IMPROVEMENT AREA.

THE BORINGS WERE DRILLED USING A CME 750X ALL-TERRAIN VEHICLE (ATV) MOUNTED ROTARY DRILLING MACHINE, AS WELL AS MOBILE B53 AND CME 55 TRUCK-MOUNTED DRILL RIGS, UTILIZING 3.25-INCH INSIDE DIAMETER HOLLOW STEM AUGERS (HSA) OR 4.5-INCH CONTINUOUS FLIGHT AUGERS (CFA) TO ADVANCE THE BOREHOLES. STANDARD PENETRATION TEST (SPT) AND SPLIT SPOON SAMPLING WERE PERFORMED AT 2.5-FOOT INTERVALS TO A DEPTH OF 30.0 FEET BELOW THE EXISTING GRADE AND AT 5.0-FOOT INTERVALS THEREAFTER TO THE TOP OF THE BEDROCK OR TO THE TERMINATION DEPTH, WHICHEVER IS SHALLOWER. FOR BORINGS B-001-0-25, B-013-0-5, B-022-0-25, B-034-0-25 AND B-035-0-25, SPLIT SPOON SAMPLING WAS PERFORMED CONTINUOUSLY TO THE TERMINATION DEPTH.

LEGEND

DESCRIPTION	ODOT CLASS	CLASSIFIED MECH./VISUAL	
GRAVEL AND/OR STONE FRAGMENTS WITH SAND	A-1-b	3	0
GRAVEL AND/OR STONE FRAGS. WITH SAND & SILT	A-2-4	2	1
COARSE AND FINE SAND	A-3a	1	0
SANDY SILT	A-4a	15	23
SILT	A-4b	11	16
SILT AND CLAY	A-6a	17	52
SILTY CLAY	A-6b	10	27
CLAY	A-7-6	25	41
	TOTAL	84	160
PAVEMENT OR BASE = X = APPROXIMATE THICKNESS	VISUAL		
DOLOMITE = X = APPROXIMATE THICKNESS	VISUAL		

PROJECT 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_{60} — INDICATES STANDARD PENETRATION RESISTANCE NORMALIZED TO 60% DRILL ROD ENERGY RATIO.

X/Y/D" — NUMBER OF BLOWS FOR STANDARD PENETRATION TEST (SPT):
X= NUMBER OF BLOWS FOR 6 INCHES (UNCORRECTED).
Y/D" = NUMBER OF BLOWS (UNCORRECTED) FOR D" OF PENETRATION AT REFUSAL.

W — INDICATES FREE WATER ELEVATION.

INDICATES WATER AT COMPLETION.

INDICATES A PLASTIC MATERIAL WITH A MOISTURE CONTENT EQUAL TO OR GREATER THAN THE LIQUID LIMIT MINUS 3.

INDICATES A NON-PLASTIC MATERIAL WITH A MOISTURE CONTENT GREATER THAN 25 % OR GREATER THAN 19 % WITH A WET APPEARANCE.

LOI — INDICATES ORGANIC CONTENT BY LOSS IGNITION, AASHTO T267

NP — INDICATES A NON-PLASTIC SAMPLE.

NQ — "N" SERIES ROCK CORE BARREL OF "Q" WIRELINE BIT SIZE.

Qu — INDICATES UNCONFINED COMPRESSION TEST, ASTM D7012.

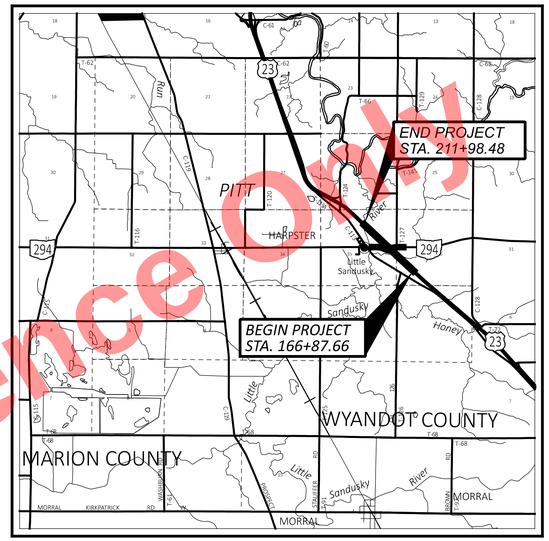
SS — INDICATES A SPLIT SPOON SAMPLE.

TR — INDICATES TOP OF ROCK ELEVATION.

BEDROCK TEST SUMMARY

BORING	SAMPLE ELEVATION (FEET)	DEPTH (FEET)	UNIAXIAL COMPRESSIVE STRENGTH (PSI)	LITHOLOGY
B-004-0-25	829.3 – 828.9	54.7 – 55.1	13,753	Dolomite
B-006-0-25	831.2 – 830.8	42.1 – 42.5	5,466	Dolomite
B-008-0-25	834.2 – 832.9	43.9 – 45.2	29,998 [1]	Dolomite

1. Qu value correlated from point load test on bedrock core sample.



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		

ORGANIC CONTENT BY LOSS ON IGNITION TEST

BORING	SAMPLE NO.	SAMPLE DEPTH, (FEET)	SAMPLE ELEVATION (FEET)	LOI (%)
B-003-0-25	SS-3	6.0 – 7.5	867.0 – 865.5	3.4
B-005-0-25	SS-7	16.0 –17.5	869.0 – 867.5	1.4
B-006-0-25	SS-7	16.0 – 17.5	857.3 – 855.8	2.1
B-021-0-25	SS-3	6.0 – 7.5	865.1 – 863.6	2.3
B-023-0-25	SS-1	1.0 – 2.5	888.9 – 887.4	2.6

RECON. - BS; 05/13/2025 AND 05/14/2025

DRILLING - LH, IS, KC; 05/19/2025 TO 05/30/2025

DRAWN - ALF; 10/16/2025

REVIEWED - AG, AK; 10/20/2025

Preliminary Plans For Reference Only

GEOTECHNICAL PROFILE - ROADWAY

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG 10-20-25
PROJECT ID 121424
SUBSET 1 TOTAL 35
SHEET P.289 TOTAL 323

CTY-RTE-SECTION

MODEL: COVER SHEET PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:38:50 PM USER: juans
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EXPLORATION FINDINGS

BORINGS B-002-0-25 THROUGH B-010-0-25, B-015-0-25, B-017-0-25 THROUGH B-021-0-25, B-023-0-25 THROUGH B-031-0-25 AND B-036-0-25 THROUGH B-038-0-25 WERE PERFORMED OUTSIDE THE PAVEMENT LIMITS. WITH THE EXCEPTION OF BORINGS B-003-0-25 AND B-015-0-25, THESE BORINGS ENCOUNTERED 3.25 TO 13.5 INCHES OF TOPSOIL. BORING B-003-0-25 DID NOT ENCOUNTER SURFICIAL MATERIALS AND B-015-0-25 ENCOUNTERED 11.0 INCHES OF GRAVEL.

THE REMAINING BORINGS, B-001-0-25, B-011-0-25 THROUGH B-014-0-25, B-016-0-25, B-022-0-25, B-032-0-25 THOUGH B-035-0-25 AND B-039-0-25 ENCOUNTERED A FULL DEPTH HOT MIX ASPHALT (HMA) SECTION CONSISTING OF 7.0 TO 14.5 INCHES OF ASPHALT OVERLYING 4.0 TO 28.0 INCHES OF AGGREGATE BASE.

BENEATH THE SURFICIAL MATERIALS, BORING B-001-0-25 ENCOUNTERED EXISTING FILL EXTENDING TO A DEPTH OF 4.5 FEET BELOW THE EXISTING GRADE, AS INDICATED BY THE PRESENCE OF ASPHALT FRAGMENTS IN SAMPLE SS-2. THE FILL MATERIALS WERE DESCRIBED AS CLAY (ODOT A-7-6) AND GRAVEL WITH SAND (ODOT A-1-b).

BENEATH THE SURFICIAL MATERIALS AND/OR EXISTING FILL MATERIALS, THE ROADWAY AND EMBANKMENT BORINGS, DESIGNATED AS B-001-0-25, B-002-0-25 AND B-0010-0-25 THROUGH B-039-0-25, PREDOMINANTLY ENCOUNTERED COHESIVE SOILS WITH INTERMITTENT LAYERS OF COHESIONLESS FINE GRAINED SOILS OR GRANULAR SOILS ENCOUNTERED IN SOME BORINGS. BELOW THE SURFACE MATERIALS, THE STRUCTURE BORINGS B-003-0-25 THROUGH B-009-0-25 PREDOMINANTLY ENCOUNTERED COHESIVE AND COHESIONLESS FINE-GRAINED SOILS EXTENDED TO THE TOP OF THE TOP OF THE BEDROCK OR TO BORING TERMINATION DEPTHS, WHICHEVER IS SHALLOWER. A THIN LAYER OF GRANULAR SOIL WAS ENCOUNTERED IN BORING B-003-0-25 AT A DEPTH OF 3.0 FEET.

THE COHESIVE SOILS WERE DESCRIBED AS MEDIUM STIFF TO HARD SILT AND CLAY, SILTY CLAY, SANDY SILT AND SILT (ODOT A-6a, A-6b, A-4a AND A-4b) WITH VARYING AMOUNTS OF SAND AND GRAVEL. THE GRANULAR AND COHESIONLESS FINE-GRAINED SOILS WERE DESCRIBED AS LOOSE TO VERY DENSE GRAVEL WITH SAND AND SILT, COARSE AND FIND SAND, SANDY SILT, AND SILT (ODOT A-2-4, A-3a, A-4a AND A-4b).

THE BEDROCK WAS ENCOUNTERED IN BORINGS B-004-0-25, B-006-0-25 AND B-008-0-25 AT DEPTHS RANGING FROM 34.5 TO 47.5 FEET BELOW THE EXISTING GRADE CORRESPONDING TO ELEVATIONS RANGING FROM 836.5 TO 839.2 FEET. THE BEDROCK SAMPLES RECOVERED WERE DESCRIBED AS BROWN AND GRAY, WEATHERED DOLOMITE. GROUNDWATER WAS ENCOUNTERED AT DEPTHS RANGING FROM 5.5 TO 35.5 FEET BELOW EXISTING GRADE.

DURING DRILLING GROUNDWATER WAS ENCOUNTERED IN BORINGS B002-0-25, B-004-0-25, B-005-0-25, B-007-0-25 THROUGH B-010-0-25, B-017-0-25, B-018-0-25, B-020-0-25, B-026-0-25 THROUGH B-028-0-25, B-030-0-25, B-031-0-25 AND B-035-0-25 AT DEPTHS RANGING FROM 3.5 TO 16.0 FEET CORRESPONDING TO ELEVATIONS RANGING FROM 863.8 TO 872.3 FEET, AND REMAINING BORINGS WERE OBSERVED TO BE DRY. UPON THE COMPLETION OF DRILLING GROUNDWATER WAS ENCOUNTERED IN BORINGS B-005-0-25, B-017-0-25, B-018-0-25, B-020-0-25, B-026-0-25 THROUGH B-028-0-25, B-030-0-25 AND B-031-0-25 AT DEPTHS RANGING FROM 3.1 TO 39.0 FEET CORRESPONDING TO ELEVATIONS RANGING FROM 846.5 TO 872.7 FEET. GROUNDWATER WAS NOT MEASURED UPON COMPLETION OF DRILLING AND ROCK CORING IN BORINGS B-004-0-25, B-006-0-25 AND B-008-0-25 DUE TO THE INFLUENCE OF WATER ADDED DURING THE ROCK CORING PROCESS.

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.

INDEX OF SHEETS

GEOTECHNICAL PROFILE NOTES (CON"T) SHEET 2

SUMMARY OF SOIL TEST DATA SHEETS 3 TO 8

LOCATION FROM STA.	LOCATION TO STA.	PLAN	PROFILE	CROSS SECTION	STRUCTURE INCLUDED BRIDGE NO.	STRUCTURE INCLUDED SFN
US 23						
166+50	179+00	9	9			
179+00	191+50	10	10			
199+50	204+00	11	11			
204+00	216+50	12	12			
SR 294						
303+50	316+00	13	13			
316+00	327+50	14	14			
TR. 127						
900+00	912+50	15	15			
912+50	920+50	16	16			
RAMP A						
479+50	492+50	17	17			
RAMP B						
591+50	603+50	18	18			
RAMP C						
672+50	685+00	19	19			
RAMP D						
784+00	796+39	20	20			
796+39	208+50 US 23	21	21			
BRIDGE AT SR 294		22	22		BRIDGE NO. WYA-0023-03-470	
MSE WALL 1		23	23			
MSE WALL 2		24	24			

BORING LOGS SHEETS 25 TO 32

Preliminary Plans - For Reference Only

WYA-023-3.47

MODEL: COVER SHEET PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:38:53 PM USER: Juans
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GEOTECHNICAL PROFILE - ROADWAY

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS

REVIEWER AG 10-20-25

PROJECT ID 121424

SUBSET 2 | TOTAL 35

SHEET P.290 | TOTAL 323

Preliminary Plans - For Reference Only

SUMMARY OF SOIL TEST DATA
CL SR 294

EXPLORATION ID	FROM	TO	SAMPLE ID	N_{60}	% REC	HP tsf	% GR	% CS	% FS	% SILT	% CLAY	LL	PL	PI	% WC	ODOT CLASS (GI)	SO4 ppm
B-001-0-25	1.5	3.0	SS-1	18	44	4.00	14	2	8	33	43	42	17	25	18	A-7-6 (14)	420
STA. 304+79, 0' CL	3.0	4.5	SS-2	62	53	-	57	20	7	9	7	NP	NP	NP	6	A-1-b (0)	
LATITUDE = 40.738560	4.5	6.0	SS-3	17	72	-			BR., SANDY SILT, LITTLE CLAY						14	A-4a (V)	
LONGITUDE = -83.212871	6.0	7.5	SS-4	18	72	-			BR., SANDY SILT, LITTLE CLAY						24	A-4a (V)	
B-002-0-25	1.0	2.5	SS-1	13	56	3.50			SAME AS SS-2						21	A-6a (V)	
STA. 309+35, 16' LT	3.5	5.0	SS-2	31	100	4.50	5	9	17	36	33	26	15	11	14	A-6a (7)	
LATITUDE = 40.738593	6.0	7.5	SS-3	32	67	4.50			SAME AS SS-2						15	A-6a (V)	
LONGITUDE = -83.211224	8.5	10.0	SS-4	34	100	4.50			SAME AS SS-2						17	A-6a (V)	
	11.0	12.5	SS-5	45	100	4.50	3	5	12	41	39	27	16	11	14	A-6a (8)	
	13.5	15.0	SS-6	22	83	1.25			SAME AS SS-5						24	A-6a (V)	
B-010-0-25	1.0	2.5	SS-1	13	53	4.5+			SAME AS ST-3						22	A-6a (V)	
STA. 318+52, 23' LT	3.5	5.0	SS-2	28	61	4.5+			SAME AS ST-3						20	A-6a (V)	
LATITUDE = 40.738632	6.0	8.0	ST-3	-	83	4.5+	10	8	14	42	26	28	15	13	14	A-6a (8)	
LONGITUDE = -83.207914	8.5	10.0	SS-4	35	100	4.5+			SAME AS ST-3						19	A-6a (V)	
	11.0	12.5	SS-5	23	83	4.5+			SAME AS SS-6						26	A-6a (V)	
	13.5	15.0	SS-6	6	100	2.25	0	1	12	60	27	28	16	12	25	A-6a (9)	
	16.0	17.5	SS-7	16	100	4.5+			SAME AS SS-6						22	A-6a (V)	
	18.5	20.0	SS-8	16	100	2.25			SAME AS SS-6						17	A-6a (V)	
B-011-0-25	1.5	3.0	SS-1	13	72	2.00	6	12	12	42	28	28	17	11	20	A-6a (7)	440
STA. 322+11, 14' RT	3.5	5.0	SS-2	11	89	2.50	4	3	5	41	47	52	19	33	24	A-7-6 (18)	
LATITUDE = 40.738537	6.0	7.5	SS-3	18	100	2.75			SAME AS SS-2						17	A-7-6 (V)	
LONGITUDE = -83.206622	8.5	10.0	SS-4	21	94	3.00			SAME AS SS-2						16	A-7-6 (V)	
B-012-0-25	1.5	3.0	SS-1	11	44	3.00	3	1	4	43	49	47	18	29	15	A-7-6 (17)	460
STA. 325+33, 11' LT	3.5	5.0	SS-2	24	89	4.00	0	1	2	43	54	47	21	26	21	A-7-6 (16)	
LATITUDE = 40.738612	6.0	7.5	SS-3	28	100	4.00			SAME AS SS-2						19	A-7-6 (V)	
LONGITUDE = -83.205459	8.5	10.0	SS-4	43	89	4.50			SAME AS SS-2						14	A-7-6 (V)	
CL RAMP A																	
B-017-0-25	1.0	2.5	SS-1	7	44	2.50	0	2	14						26	A-6b (V)	220
STA. 483+48, 10' RT	3.5	5.0	SS-2	26	81	3.50	5	6	12	39	38	32	16	16	16	A-6b (10)	
LATITUDE = 40.737358	6.0	7.5	SS-3	41	100	4.50			SAME AS SS-2						15	A-6b (V)	
LONGITUDE = -83.208549	8.5	10.0	SS-4	35	100	4.50			SAME AS SS-2						19	A-6b (V)	
	11.0	12.5	SS-5	15	67	-	0	8	53	28	11	NP	NP	NP	28	A-4a	
	13.5	15.0	SS-6	9	100	-			SAME AS SS-5						24	A-4a (V)	
B-018-0-25	1.0	2.5	SS-1	12	81	3.25	4	1	1	44	50	41	22	19	22	A-7-6 (12)	
STA. 488+22, 6' RT	3.5	5.0	SS-2	12	81	-	0	1	24	56	19	NP	NP	NP	22	A-4b (8)	
LATITUDE = 40.737576	6.0	7.5	SS-3	13	94	-			SAME AS SS-2						20	A-4b (V)	
LONGITUDE = -83.210232	8.5	10.0	SS-4	12	67	1.75			GR. BR., SILT AND CLAY, TRACE SAND						19	A-6a (V)	
B-019-0-25	1.0	2.5	SS-1	10	58	3.50	8	1	5	30	56	62	22	40	24	A-7-6 (20)	
STA. 490+83, 7' RT	3.5	5.0	SS-2	19	72	3.25			SAME AS SS-1						15	A-7-6 (V)	
LATITUDE = 40.738049	6.0	7.5	SS-3	29	44	4.50			SAME AS SS-1						15	A-7-6 (V)	
LONGITUDE = -83.210879	8.5	10.0	SS-4	23	78	4.50			SAME AS SS-1						18	A-7-6 (V)	
CL RAMP B																	
B-020-0-25	1.0	2.5	SS-1	12	50	3.75	9	3	8	32	48	48	19	29	19	A-7-6 (17)	180
STA. 595+05, 4' RT	3.5	5.0	SS-2	16	67	3.50	5	5	13	39	38	22	17	5	20	A-4a (8)	
LATITUDE = 40.739506	6.0	7.5	SS-3	12	67	-			BR. GR., SILT, LITTLE SAND, LITTLE CLAY						23	A-4b (V)	
LONGITUDE = -83.211679	8.5	10.0	SS-4	12	61	-			BR. GR., SILT, LITTLE SAND, LITTLE CLAY						17	A-4b (V)	
B-021-0-25	1.0	2.5	SS-1	12	83	-			SAME AS SS-3						21	A-6a (V)	
STA. 599+09, 7' RT	3.5	5.0	SS-2	10	100	3.75			SAME AS SS-3						20	A-6a (V)	
LATITUDE = 40.740385	6.0	7.5	SS-3	16	89	3.25	7	9	16	37	31	25	14	11	18	A-6a (7)	900
LONGITUDE = -83.212566	8.5	10.0	SS-4	18	75	4.5+	15	9	19	32	25	22	13	9	13	A-4a (4)	
	11.0	12.5	SS-5	22	92	4.5+			SAME AS SS-4						13	A-4a (V)	
	13.5	15.0	SS-6	21	42	4.5+			SAME AS SS-4						12	A-4a (V)	
B-022-0-25	1.5	3.0	SS-1	16	50	4.5+	5	3	8	42	42	34	19	15	16	A-6a (10)	180
STA. 602+93, 6' RT	3.0	4.5	SS-2	24	50	-	2	0	7	67	24	20	17	3	20	A-4b (8)	
LATITUDE = 40.741150	4.5	6.0	SS-3	26	67	-			SAME AS SS-2						16	A-4b (V)	
LONGITUDE = -83.213527	6.0	7.5	SS-4	27	89	-			SAME AS SS-2						15	A-4b (V)	

Preliminary Plans - For Reference Only

CL RAMP C

B-025-0-25	1.0	- 2.5	SS-1	10	53	2.5	SAME AS SS-2								22	A-7-6 (V)	
STA. 679+07, 8' LT	3.5	- 5.0	SS-2	15	78	2.75	8	5	11	36	40	41	17	24	18	A-7-6 (14)	
LATITUDE = 40.737029	6.0	- 7.5	SS-3	26	72	4.50	SAME AS SS-2								17	A-7-6 (V)	
LONGITUDE = -83.206801	8.5	- 10.0	SS-4	25	83	4.00	SAME AS SS-2								22	A-7-6 (V)	
B-026-0-25	1.0	- 2.5	SS-1	7	100	1.50	BR. GR., CLAY, SOME SILT, TRACE GRAVEL, TRACE SAND								24	A-7-6 (V)	
STA. 682+43, 8' LT	3.5	- 5.0	SS-2	18	75	4.25	BR. GR., CLAY, SOME SILT, TRACE GRAVEL, TRACE SAND								20	A-7-6 (V)	
LATITUDE = 40.737915	6.0	- 7.5	SS-3	19	78	4.00	BR. GR., CLAY, SOME SILT, TRACE GRAVEL, TRACE SAND								17	A-7-6 (V)	
LONGITUDE = -83.207569	8.5	- 10.0	SS-4	34	100	4.50	BR. GR., CLAY, SOME SILT, TRACE GRAVEL, TRACE SAND								21	A-7-6 (V)	
	11.0	- 12.5	SS-5	12	94	-	0	7	43	38	12	NP	NP	NP	23	A-4a (3)	
	13.5	- 15.0	SS-6	13	83	-	BR. GR., SILT, LITTLE SAND								22	A-4b (V)	
	16.0	- 17.5	SS-7	18	72	3.25	BR. GR., CLAY, SOME SILT, LITTLE SAND, TRACE GRAVEL								19	A-7-6 (V)	
	18.5	- 20.0	SS-8	16	61	3.75	BR. GR., CLAY, SOME SILT, LITTLE SAND, TRACE GRAVEL								13	A-7-6 (V)	

CL RAMP D

B-027-0-25	1.0	- 2.5	SS-1	12	58	3.50	1	2	7	33	57	47	21	26	23	A-7-6 (16)	<100
STA. 787+52, 0' LT	3.5	- 5.0	SS-2	28	89	4.50	1	5	8	39	47	33	18	15	18	A-6a (10)	
LATITUDE = 40.739439	6.0	- 7.5	SS-3	32	78	4.50	SAME AS SS-5								18	A-6a (V)	
LONGITUDE = -83.208472	8.5	- 10.0	SS-4	40	100	4.50	SAME AS SS-5								17	A-6a (V)	
	11.0	- 12.5	SS-5	32	92	4.50	3	3	6	45	43	30	17	13	16	A-6a (9)	
	13.5	- 15.0	SS-6	9	100	1.00	BR., CLAY, SOME SILT, TRACE SAND, TRACE, GRAVEL								26	A-7-6 (V)	
	16.0	- 17.5	SS-7	7	89	-	BR. GR., SANDY SILT								28	A-4a (V)	
	18.5	- 20.0	SS-8	12	100	-	BR. GR., SILTY CLAY, TRACE SAND								27	A-6b (V)	
B-028-0-25	1.0	- 2.5	SS-1	13	56	3.50	SAME AS SS-5								24	A-7-6 (V)	
STA. 791+27, 4' LT	3.5	- 5.0	SS-2	25	72	4.50	SAME AS SS-5								15	A-7-6 (V)	
LATITUDE = 40.739734	6.0	- 7.5	SS-3	32	72	4.50	SAME AS SS-5								17	A-7-6 (V)	
LONGITUDE = -83.209742	8.5	- 10.0	SS-4	37	100	4.50	SAME AS SS-5								18	A-7-6 (V)	
	11.0	- 12.5	SS-5	38	81	4.50	1	0	1	39	59	44	22	22	20	A-7-6 (14)	
	13.5	- 15.0	SS-6	15	78	-	0	2	19	61	18	20	17	3	24	A-4b (8)	140
	16.0	- 17.5	SS-7	10	89	-	SAME AS SS-6								22	A-4b (V)	
	18.5	- 20.0	SS-8	15	67	3.00	GR. BR., SILTY CLAY, LITTLE SAND, TRACE GRAVEL								17	A-6b (V)	
B-029-0-25	1.0	- 2.5	SS-1	10	39	2.00	SAME AS SS-2								14	A-6b (V)	
STA. 794+83, 4' LT	3.5	- 5.0	SS-2	12	33	-	7	6	12	34	41	38	19	19		A-6b (12)	200
LATITUDE = 40.739978	6.0	- 7.5	SS-3	7	75	1.50	2	4	9	38	47	47	21	26	23	A-7-6 (16)	
LONGITUDE = -83.210983	8.5	- 10.0	SS-4	13	56	2.25	1	5	15	38	41	52	22	30	27	A-7-6 (18)	

CL US 23

B-013-0-25	1.5	- 3.0	SS-1	9	39	3.50	11	5	10	37	37	35	17	18	18	A-6b (11)	490
STA. 167+20, 56' LT	3.0	- 4.5	SS-2	21	44	3.75	1	3	8	40	48	43	18	25	20	A-7-6 (15)	
LATITUDE = 40.734497	4.5	- 6.0	SS-3	20	39	2.50	SAME AS SS-2								20	A-7-6 (V)	
LONGITUDE = -83.204051	6.0	- 7.5	SS-4	26	50	4.00	SAME AS SS-2								22	A-7-6 (V)	
B-014-0-25	1.5	- 3.0	SS-1	20	78	4.00	1	1	2	62	34	30	20	10	18	A-4b (8)	640
STA. 171+12, 60' LT	3.5	- 5.0	SS-2	23	89	3.75	0	1	1	55	43	41	20	21	24	A-7-6 (13)	
LATITUDE = 40.735219	6.0	- 7.5	SS-3	20	100	3.75	SAME AS SS-2								20	A-7-6 (V)	
LONGITUDE = -83.205101	8.5	- 10.0	SS-4	18	100	4.50	SAME AS SS-2								23	A-7-6 (V)	
B-015-0-25	1.5	- 3.0	SS-1	16	61	4.50	SAME AS SS-2								20	A-7-6 (V)	480
STA. 175+11, 62' LT	3.5	- 5.0	SS-2	20	89	3.00	2	2	5	42	49	47	19	28	22	A-7-6 (17)	
LATITUDE = 40.735959	6.0	- 7.5	SS-3	34	100	4.5+	SAME AS SS-2								16	A-7-6 (V)	
LONGITUDE = -83.206164	8.5	- 10.0	SS-4	45	89	4.50	SAME AS SS-2								20	A-7-6 (V)	
B-016-0-25	1.5	- 3.0	SS-1	11	61	3.00	9	5	11	34	41	35	17	18	17	A-6b (11)	300
STA. 180+12, 59' LT	3.5	- 5.0	SS-2	23	83	4.00	2	5	14	37	42	38	17	21	19	A-6b (12)	
LATITUDE = 40.736896	6.0	- 7.5	SS-3	23	100	4.50	SAME AS SS-5								13	A-6a (V)	
LONGITUDE = -83.207487	8.5	- 10.0	SS-4	28	94	4.50	SAME AS SS-5								13	A-6a (V)	
	11.0	- 12.5	SS-5	51	100	4.50	5	5	10	39	41	29	15	14	13	A-6a (10)	
	13.5	- 15.0	SS-6	21	78	2.00	SAME AS SS-5								25	A-6a (V)	
B-023-0-25	1.0	- 2.5	SS-1	11	56	4.50	14	6	10	70		-	-	-	17	A-6b (V)	140
STA. 172+02, 62' RT	3.5	- 5.0	SS-2	26	64	4.50	1	0	2	51	46	47	19	28	20	A-7-6 (17)	
LATITUDE = 40.735632	6.0	- 7.5	SS-3	19	100	3.00	SAME AS SS-2								20	A-7-6 (V)	
LONGITUDE = -83.205042	8.5	- 10.0	SS-4	21	100	4.50	SAME AS SS-2								20	A-7-6 (V)	
B-024-0-25	1.0	- 2.5	SS-1	11	56	4.0	19	4	9	33	35	34	16	18	19	A-6b (10)	100
STA. 175+50, 68' RT	3.5	- 5.0	SS-2	16	75	3.75	0	1	2	45	52	46	20	26	25	A-7-6 (16)	
LATITUDE = 40.736293	6.0	- 7.5	SS-3	17	78	4.50	SAME AS SS-2								20	A-7-6 (V)	
LONGITUDE = -83.205950	8.5	- 10.0	SS-4	19	92	4.50	SAME AS SS-2								15	A-7-6 (V)	
B-030-0-25	1.0	- 2.5	SS-1	13	69	-	0	7	56	29	8	NP	NP	NP	21	A-4a (0)	
STA. 199+11, 67' RT	3.5	- 5.0	SS-2	6	81	-	1	4	36	39	20	16	13	3	24	A-4a (5)	850
LATITUDE = 40.740685	6.0	- 7.5	SS-3	10	100	-	1	0	9	71	19	NP	NP	NP	24	A-4b (8)	
LONGITUDE = -83.212213	8.5	- 10.0	SS-4	15	86	4.00	BR. GR., SILT AND CLAY, TRACE SAND								19	A-6a (V)	

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

Preliminary Plans - For Reference Only

CL US 23

B-031-0-25	1.0	-	2.5	SS-1	13	67	4.5+	2	2	4	46	46	36	19	17	22	A-6b (11)	
STA. 203+27, 63' RT	3.5	-	5.0	SS-2	12	72	-	0	2	80	14	4	NP	NP	NP	24	A-3a (0)	380
LATITUDE = 40.741452	6.0	-	7.5	SS-3	9	56	-	4	1	41	41	13	NP	NP	NP	24	A-4a (4)	
LONGITUDE = -83.213325	8.5	-	10.0	SS-4	22	75	-			SAME AS SS-3						22	A-4a (V)	
B-032-0-25	1.5	-	3.0	SS-1	7	72	2.00	16	8	18	30	28	24	14	10	15	A-4a (5)	<100
STA. 206+97, 57' RT	3.5	-	5.0	SS-2	20	44	3.00	4	6	9	36	45	37	18	19	19	A-6b (12)	
LATITUDE = 40.742129	6.0	-	7.5	SS-3	20	83	4.00			SAME AS SS-2						15	A-6b (V)	
LONGITUDE = -83.214322	8.5	-	10.0	SS-4	26	50	4.00			SAME AS SS-2						16	A-6b (V)	
B-033-0-25	1.5	-	3.0	SS-1	14	67	-	25	28	18	21	8	NP	NP	NP	10	A-2-4 (0)	100
STA. 210+20, 58' RT	3.5	-	5.0	SS-2	7	47	3.00	1	3	5	50	41	31	17	14	19	A-6a (10)	
LATITUDE = 40.742731	6.0	-	7.5	SS-3	11	94	4.00			SAME AS SS-2						17	A-6a (V)	
LONGITUDE = -83.215177	8.5	-	10.0	SS-4	14	72	3.75			SAME AS SS-2						19	A-6a (V)	
B-034-0-25	1.5	-	3.0	SS-1	35	100	-	32	32	20	11	5	NP	NP	NP	6	A-1-b (0)	220
STA. 185+48, 44' LT	3.0	-	4.5	SS-2	28	89	4.5+	5	4	8	39	44	32	16	16	18	A-6b (10)	
LATITUDE = 40.737924	4.5	-	6.0	SS-3	35	50	4.5+			SAME AS SS-2						16	A-6b (V)	
LONGITUDE = -83.208872	6.0	-	7.5	SS-4	34	89	4.5+			SAME AS SS-2						20	A-6b (V)	
	7.5	-	9.0	SS-5	79	89	4.5+			SAME AS SS-2						22	A-6b (V)	
B-035-0-25	2.0	-	3.1	SS-1A	21	78	-	27	33	22	17	1	-	-	-	5	A-1-b	940
STA. 187+52, 45' RT	3.1	-	3.5	SS-1B			4.50	BR. GR., SILT AND CLAY, TRACE SAND, TRACE GRAVEL								-	A-6a (V)	
LATITUDE = 40.738482	3.5	-	5.0	SS-2	27	94	4.50	4	1	3	51	41	31	18	13	20	A-6a (9)	
LONGITUDE = -83.209193	5.0	-	6.5	SS-3	19	92	1.00	GR. BR., CLAY, SOME SILT, TRACE SAND								26	A-7-6 (V)	
	6.5	-	8.0	SS-4	23	100	1.25	GR. BR., CLAY, SOME SILT, TRACE SAND								28	A-7-6 (V)	

CL PR T 127

B-036-0-25	1.0	-	2.5	SS-1	12	56	2.00	0	2	4	42	52	52	22	30	24	A-7-6 (18)	<100
STA. 903+59, 2' LT	3.5	-	5.0	SS-2	18	72	2.00	4	3	5	37	51	43	21	22	23	A-7-6 (13)	
LATITUDE = 40.739556	6.0	-	7.5	SS-3	32	100	4.50			SAME AS SS-2						20	A-7-6 (V)	
LONGITUDE = -83.205597	8.5	-	10.0	SS-4	34	100	4.50			SAME AS SS-2						21	A-7-6 (V)	
B-037-0-25	1.0	-	2.5	SS-1	10	56	2.00	1	1	2	43	53	59	24	35	24	A-7-6 (20)	160
STA. 908+08, 2' LT	3.5	-	5.0	SS-2	15	72	2.75	0	1	3	50	46	42	22	20	21	A-7-6 (12)	
LATITUDE = 40.740619	6.0	-	7.5	SS-3	21	94	4.50			SAME AS SS-2						21	A-7-6 (V)	
LONGITUDE = -83.206387	8.5	-	10.0	SS-4	23	83	4.50			SAME AS SS-2						20	A-7-6 (V)	
B-038-0-25	1.0	-	2.5	SS-1	12	61	2.50	1	2	2	37	58	57	24	33	27	A-7-6 (19)	140
STA. 912+03, 2' LT	3.5	-	5.0	SS-2	19	78	4.50	3	5	9	38	45	42	20	22	17	A-7-6 (13)	
LATITUDE = 40.741525	6.0	-	7.5	SS-3	26	100	4.50			SAME AS SS-2						14	A-7-6 (V)	
LONGITUDE = -83.207164	8.5	-	10.0	SS-4	41	100	4.50			SAME AS SS-2						17	A-7-6 (V)	
B-039-0-25	1.5	-	3.0	SS-1	11	78	3.00	7	2	5	38	48	46	20	26	24	A-7-6 (16)	<100
STA. 916+04, 1' LT	3.5	-	5.0	SS-2	13	67	3.00	7	2	4	35	52	51	19	32	24	A-7-6 (18)	
LATITUDE = 40.742601	6.0	-	7.5	SS-3	16	100	4.5+			SAME AS SS-2						15	A-7-6 (V)	
LONGITUDE = -83.207416	8.5	-	10.0	SS-4	43	89	4.5+			SAME AS SS-2						14	A-7-6 (V)	

GEOTECHNICAL PROFILE - ROADWAY
SUMMARY OF SOIL TEST DATA

RESOURCE INTERNATIONAL

6350 Presidential Gateway
Columbus, Ohio 43231
Telephone: (614) 823-4949
Fax Number: (614) 823-4990

UNCONFINED COMPRESSION

ASTM D2166

PROJECT	WYA-23-3.47
JOB No.	W-25-026
BORING	B-004-0-25
STATION / OFFSET	312+46/ 23'LT
SAMPLE No. / DEPTH	ST-4 / 9'-9.5'
DATE OF TESTING	06/06/2025
TESTED BY	ML

Soil Description: Silt and Clay
Soil Classification: A-6a (9)

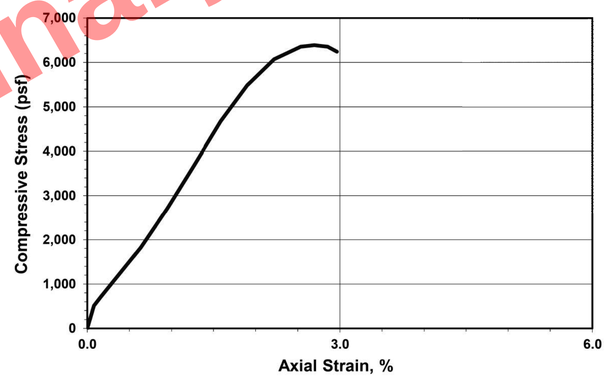
Physical Characteristics	L.L.	P.L.	P.I.	Gravel%	Sand%	Silt%	Clay%
	29	17	12	2.0	21.0	39.0	38.0

DIAMETER, D_0	2.880 in	73.2 mm	STRAIN RATE	1.50	%/min
AREA, A_0	6.514 in^2	42.0 cm^2	WET SOIL + PAN MASS	1569.6	g
HEIGHT, L_0	6.309 in	160.24 mm	PAN MASS	103.1	g
VOLUME, V_0	41.097 in^3	673.46 cm^3	DRY SOIL + PAN MASS	1376.8	g
MACH. RATE	0.095 in/min		WET DENSITY	135.94	lb/ft^3
WATER CONT.	15.14 %		DRY DENSITY	118.07	lb/ft^3

UNCONFINED COMPRESSION STRESS, q_u	**6,388**	**psf**	3.19 tsf
AXIAL STRAIN @ FAILURE			2.69 %
HAND PENETROMETER			4.5+ tsf

Failure Sketch

Unconfined Compression Test



RESOURCE INTERNATIONAL

6350 Presidential Gateway
Columbus, Ohio 43231
Telephone: (614) 823-4949
Fax Number: (614) 823-4990

UNCONFINED COMPRESSION

ASTM D2166

PROJECT	WYA-23-3.47
JOB No.	W-25-026
BORING	B-004-0-25 (offset)
STATION / OFFSET	
SAMPLE No. / DEPTH	ST-1 / 21'-21.5'
DATE OF TESTING	06/06/2025
TESTED BY	ML

Soil Description: Sandy Silt
Soil Classification:

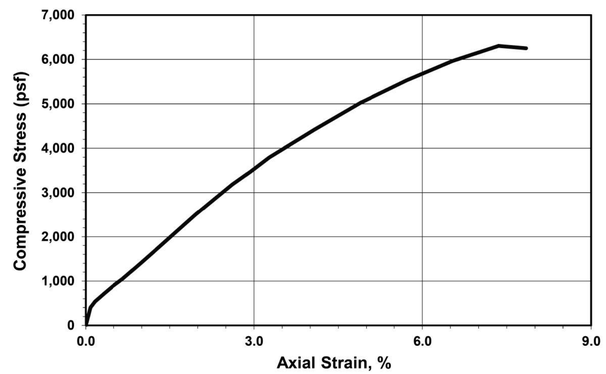
Physical Characteristics	L.L.	P.L.	P.I.	Gravel%	Sand%	Silt%	Clay%
	25	16	9	1.0	16.0	48.0	35.0

DIAMETER, D_0	2.862 in	72.7 mm	STRAIN RATE	1.50	%/min
AREA, A_0	6.433 in^2	41.5 cm^2	WET SOIL + PAN MASS	1524.6	g
HEIGHT, L_0	6.121 in	155.46 mm	PAN MASS	116.6	g
VOLUME, V_0	39.376 in^3	645.25 cm^3	DRY SOIL + PAN MASS	1333.1	g
MACH. RATE	0.092 in/min		WET DENSITY	136.22	lb/ft^3
WATER CONT.	15.75 %		DRY DENSITY	117.69	lb/ft^3

UNCONFINED COMPRESSION STRESS, q_u	**6,304**	**psf**	3.15 tsf
AXIAL STRAIN @ FAILURE			7.35 %
HAND PENETROMETER			4.5+ tsf

Failure Sketch

Unconfined Compression Test



Preliminary Plans - For Reference Only

GEOTECHNICAL PROFILE - ROADWAY
LABORATORY TEST DATA FOR B-004-0-25

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 6 TOTAL 35
SHEET P.294 TOTAL 323

WAY-023-3.47

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:39:03 PM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ID020.dgn

RESOURCE INTERNATIONAL
Rii
6350 Presidential Gateway
Columbus, Ohio 43231
Telephone: (614) 823-4949
Fax Number: (614) 823-4990

UNCONFINED COMPRESSION

ASTM D2166

PROJECT	WYA-23-3.47
JOB No.	W-25-026
BORING	B-005-025
STATION / OFFSET	312+93/ 35' RT
SAMPLE No. / DEPTH	ST-8 / 19.5'-20'
DATE OF TESTING	06/06/2025
TESTED BY	ML

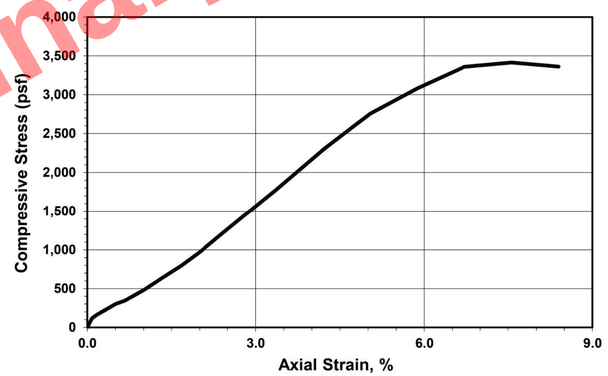
Soil Description: Sandy Silt
Soil Classification: A-4a (6)

Physical Characteristics	L.L.	P.L.	P.I.	Gravel%	Sand%	Silt%	Clay%
	24	15	9	10.0	25.0	36.0	29.0

DIAMETER, D_0	2.809 in	71.4 mm	STRAIN RATE	2.00	%/min
AREA, A_0	6.199 in^2	40.0 cm^2	WET SOIL + PAN MASS	1420.2	g
HEIGHT, L_0	5.953 in	151.21 mm	PAN MASS	110.6	g
VOLUME, V_0	36.903 in^3	604.72 cm^3	DRY SOIL + PAN MASS	1219.3	g
MACH. RATE	0.119	in/min	WET DENSITY	135.19	lb/ft^3
WATER CONT.	18.12	%	DRY DENSITY	114.45	lb/ft^3
UNCONFINED COMPRESSION STRESS, q_u	**3,415**	**psf**		1.71	tsf
AXIAL STRAIN @ FAILURE				7.56	%
HAND PENETROMETER				2.75	tsf

Failure Sketch

Unconfined Compression Test



RESOURCE INTERNATIONAL
Rii
6350 Presidential Gateway
Columbus, Ohio 43231
Telephone: (614) 823-4949
Fax Number: (614) 823-4990

UNCONFINED COMPRESSION

ASTM D2166

PROJECT	WYA-23-3.47
JOB No.	W-25-026
BORING	B-007-0-25
STATION / OFFSET	314+89 / 56' LT
SAMPLE No. / DEPTH	ST-10 / 24'-24.5'
DATE OF TESTING	07/01/2025
TESTED BY	ML

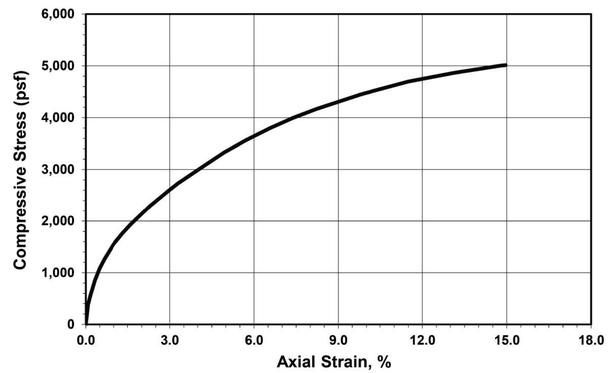
Soil Description: Silt and Clay
Soil Classification: A-6a

Physical Characteristics	L.L.	P.L.	P.I.	Gravel%	Sand%	Silt%	Clay%

DIAMETER, D_0	2.849 in	72.4 mm	STRAIN RATE	2.00	%/min
AREA, A_0	6.376 in^2	41.1 cm^2	WET SOIL + PAN MASS	1610.1	g
HEIGHT, L_0	6.084 in	154.53 mm	PAN MASS	136.8	g
VOLUME, V_0	38.794 in^3	635.72 cm^3	DRY SOIL + PAN MASS	1462.3	g
MACH. RATE	0.122	in/min	WET DENSITY	144.68	lb/ft^3
WATER CONT.	11.16	%	DRY DENSITY	130.16	lb/ft^3
UNCONFINED COMPRESSION STRESS, q_u	**5,013**	**psf**		2.51	tsf
AXIAL STRAIN @ FAILURE				14.96	%
HAND PENETROMETER				3.25	tsf

Failure Sketch

Unconfined Compression Test



Preliminary Plans - For Reference Only

GEOTECHNICAL PROFILE ROADWAY
LABORATORY TEST DATA FOR B-005-0-25 AND B-007-025

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER: JAS
REVIEWER: AG MM-DD-YY
PROJECT ID: 121424
SUBSET: 7 TOTAL: 35
SHEET: P.295 TOTAL: 323

WAY-023-3.47
MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:39:34 PM USER: juans
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6350 Presidential Gateway
Columbus, Ohio 43231
Telephone: (614) 823-4949
Fax Number: (614) 823-4990

UNCONFINED COMPRESSION

ASTM D2166

PROJECT	WYA-23-3.47
JOB No.	W-25-026
BORING	B-008-0-25
STATION / OFFSET	315+30/ 4' LT
SAMPLE No. / DEPTH	ST-9 / 22'-22.5'
DATE OF TESTING	06/06/2025
TESTED BY	ML

Soil Description: Silt
Soil Classification: A-4b (8)

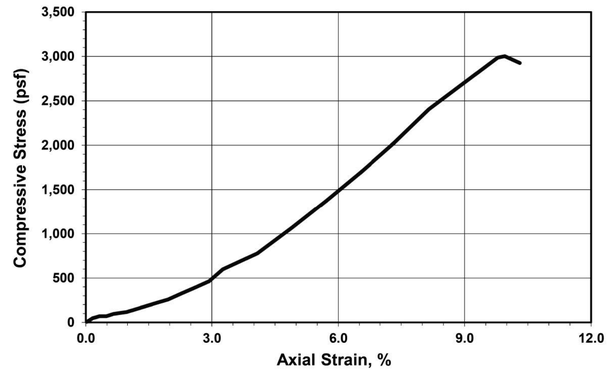
Physical Characteristics	L.L.	P.L.	P.I.	Gravel%	Sand%	Silt%	Clay%
	23	18	5	6.0	16.0	59.0	23.0

DIAMETER, D_0	2.775	in	70.5	mm	STRAIN RATE	2.00 %/min
AREA, A_0	6.047	in^2	39.0	cm^2	WET SOIL + PAN MASS	1477.9 g
HEIGHT, L_0	6.131	in	155.74	mm	PAN MASS	138.9 g
VOLUME, V_0	37.074	in^3	607.53	cm^3	DRY SOIL + PAN MASS	1261.1 g
MACH. RATE	0.123	in/min			WET DENSITY	137.60 lb/ft^3
WATER CONT.	19.32	%			DRY DENSITY	115.31 lb/ft^3

UNCONFINED COMPRESSION STRESS, q_u	**3,002**	**psf**	1.50	tsf
AXIAL STRAIN @ FAILURE			9.95	%
HAND PENETROMETER			4.5+	tsf

Failure Sketch

Unconfined Compression Test



Preliminary Plans - For Reference Only

GEOTECHNICAL PROFILE ROADWAY
LABORATORY TEST DATA FOR B-008-0-25

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 8 TOTAL 35
SHEET P.296 TOTAL 323

WAY-023-3.47

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:40:04 PM USER: juans
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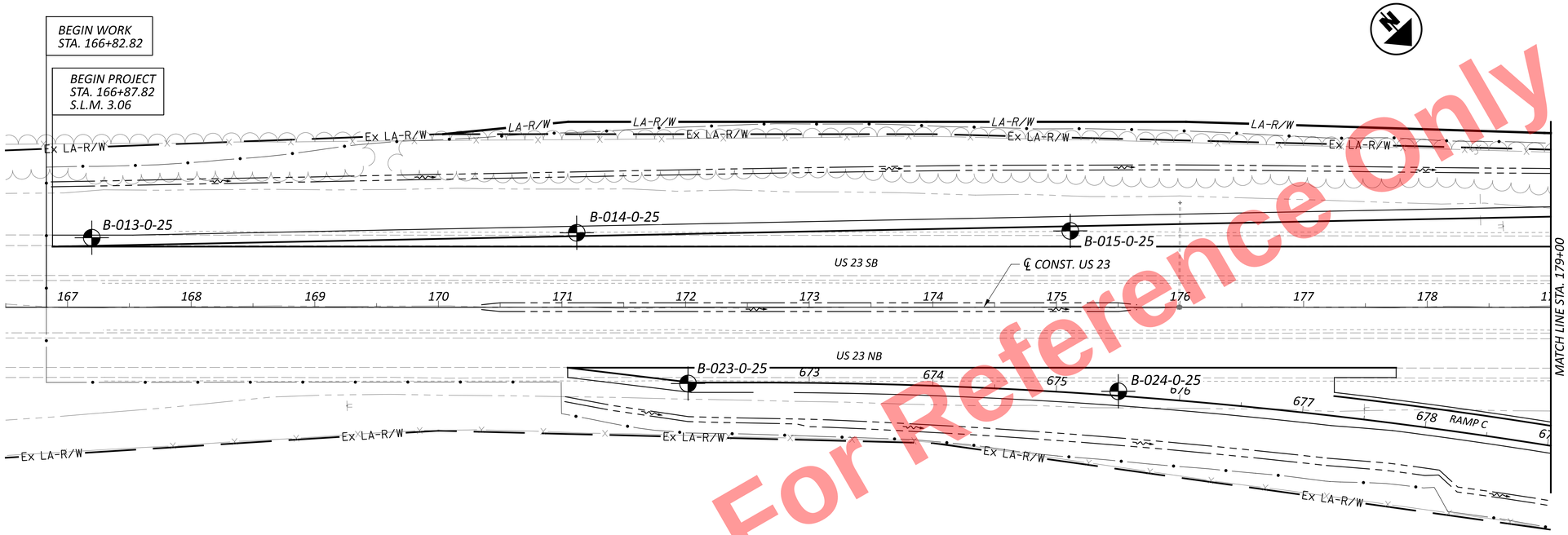
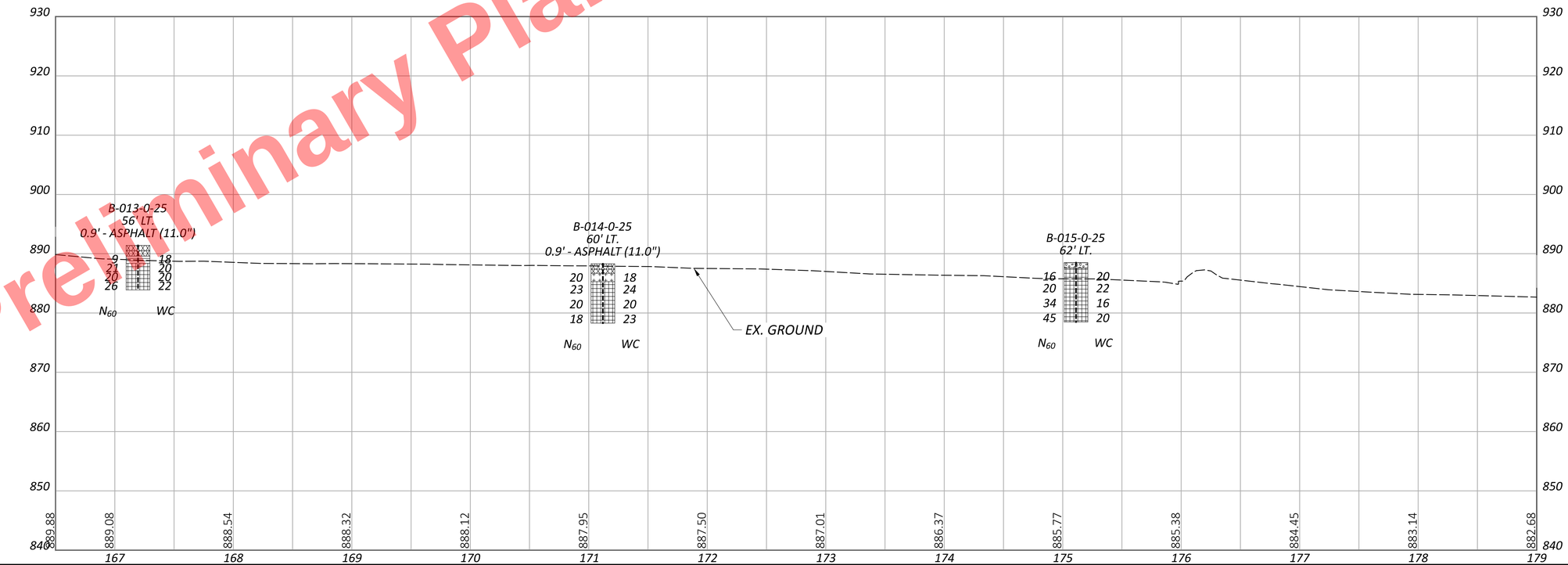
Preliminary Plans - For Reference Only





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
US 23 STA. 166+50 TO STA. 179+00

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER: JAS
REVIEWER: AG MM-DD-YY
PROJECT ID: 121424
SUBSET: 9 TOTAL: 35
SHEET: P.297 TOTAL: 323

WYA-023-3.47

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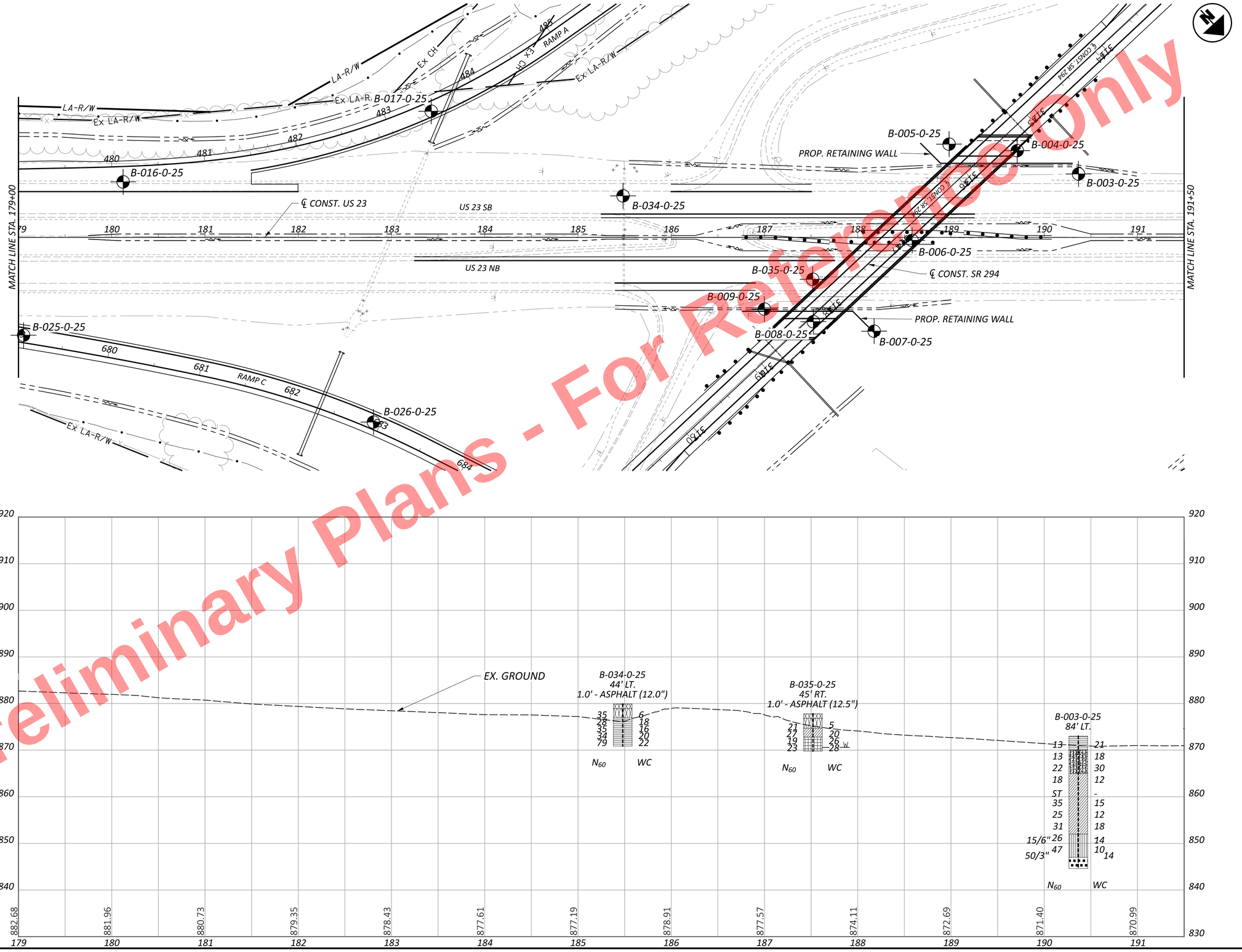

Preliminary Plans - For Reference Only

WYA-023-3.47

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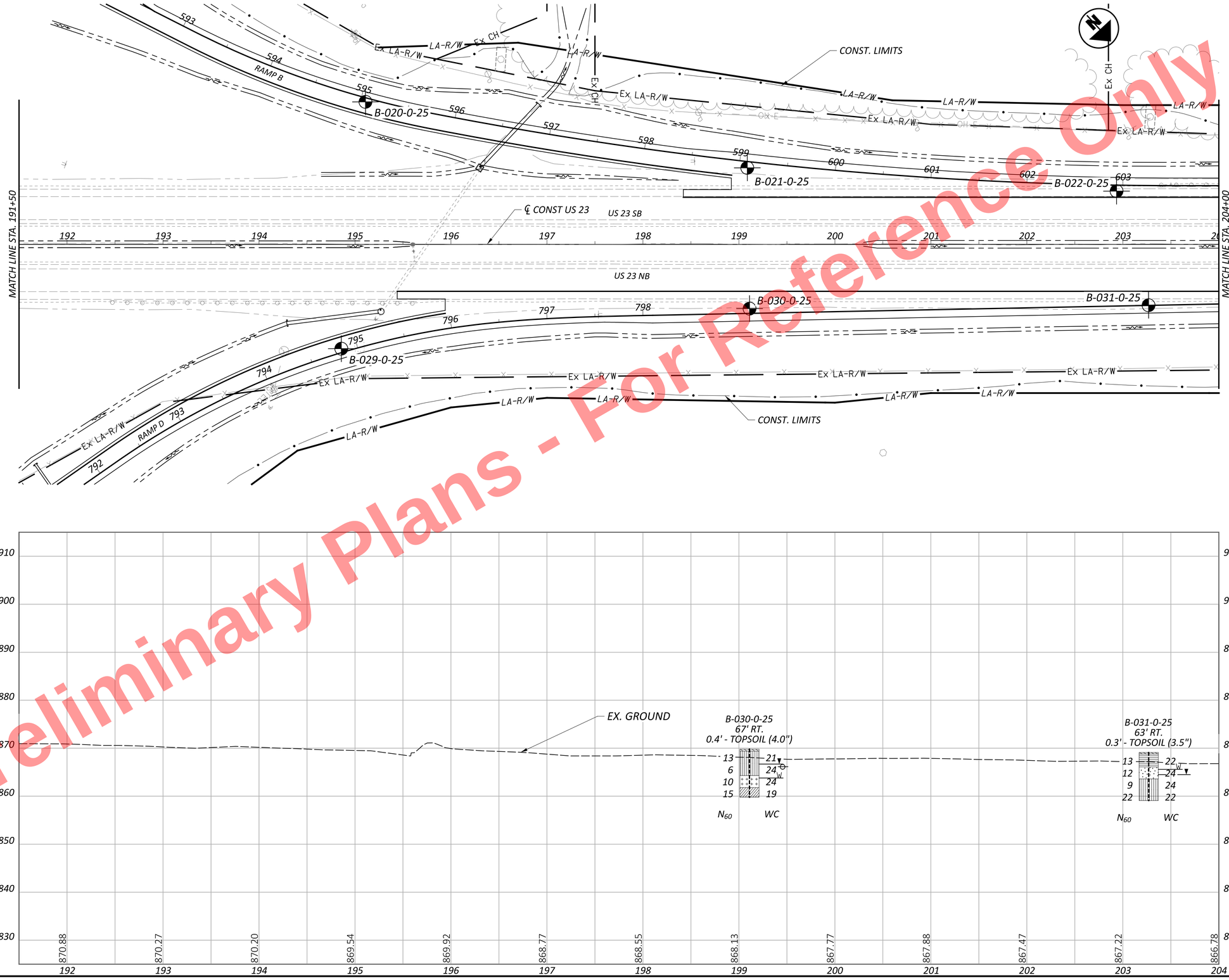
HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
US 23 STA. 179+00 TO STA. 191+50

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	10
TOTAL	35
SHEET	P.298
TOTAL	323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
US 23 STA. 191+50 TO STA. 204+00

WYA-023-3.47

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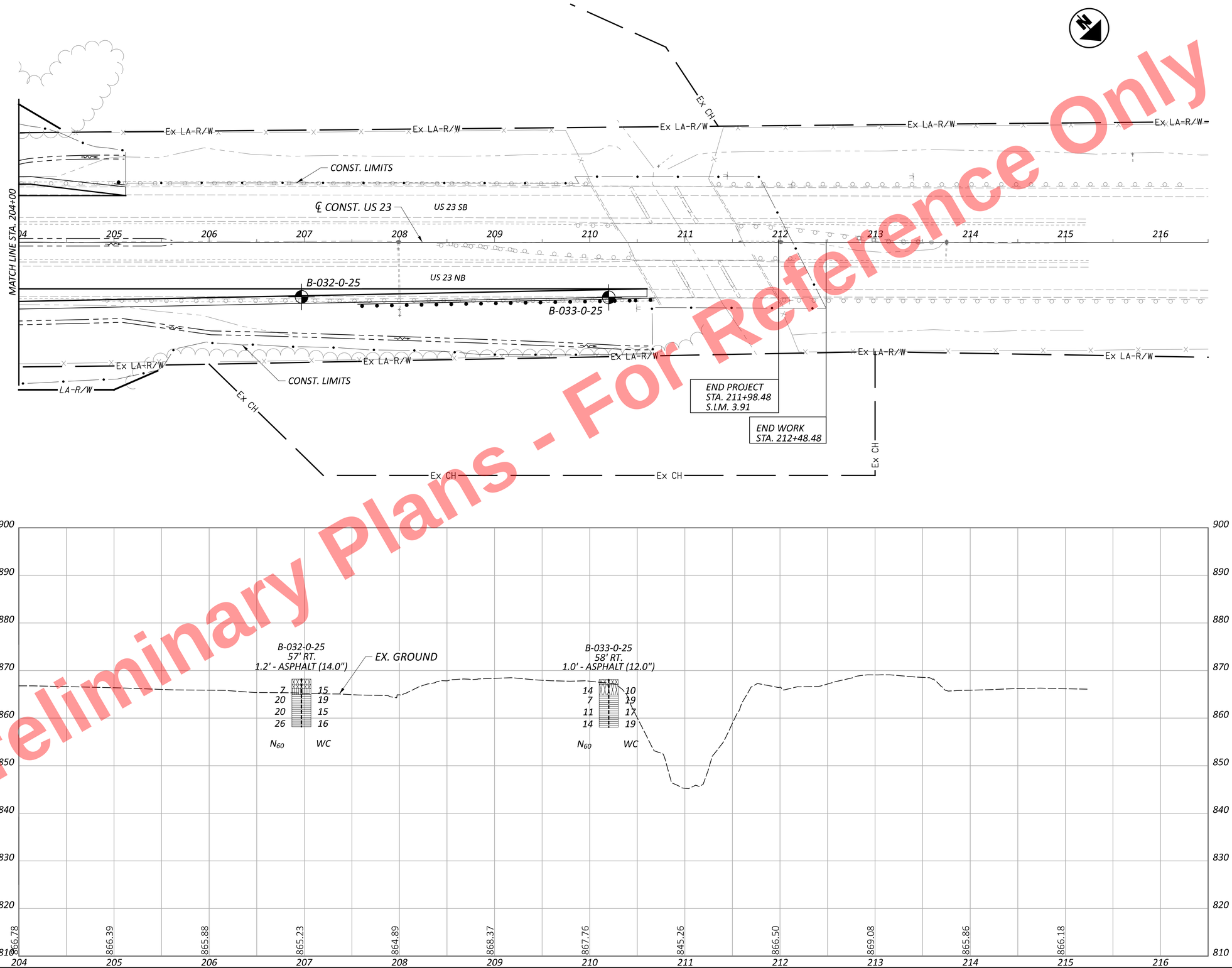
DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 11 TOTAL 35
SHEET P.299 TOTAL 323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
US 23 STA. 204+00 TO STA. 216+50

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER: JAS
REVIEWER: AG MM-DD-YY
PROJECT ID: 121424
SUBSET 12 | TOTAL 35
SHEET P.300 | TOTAL 323

WYA-023-3.47

MODEL: 121424_IP904 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:43:53 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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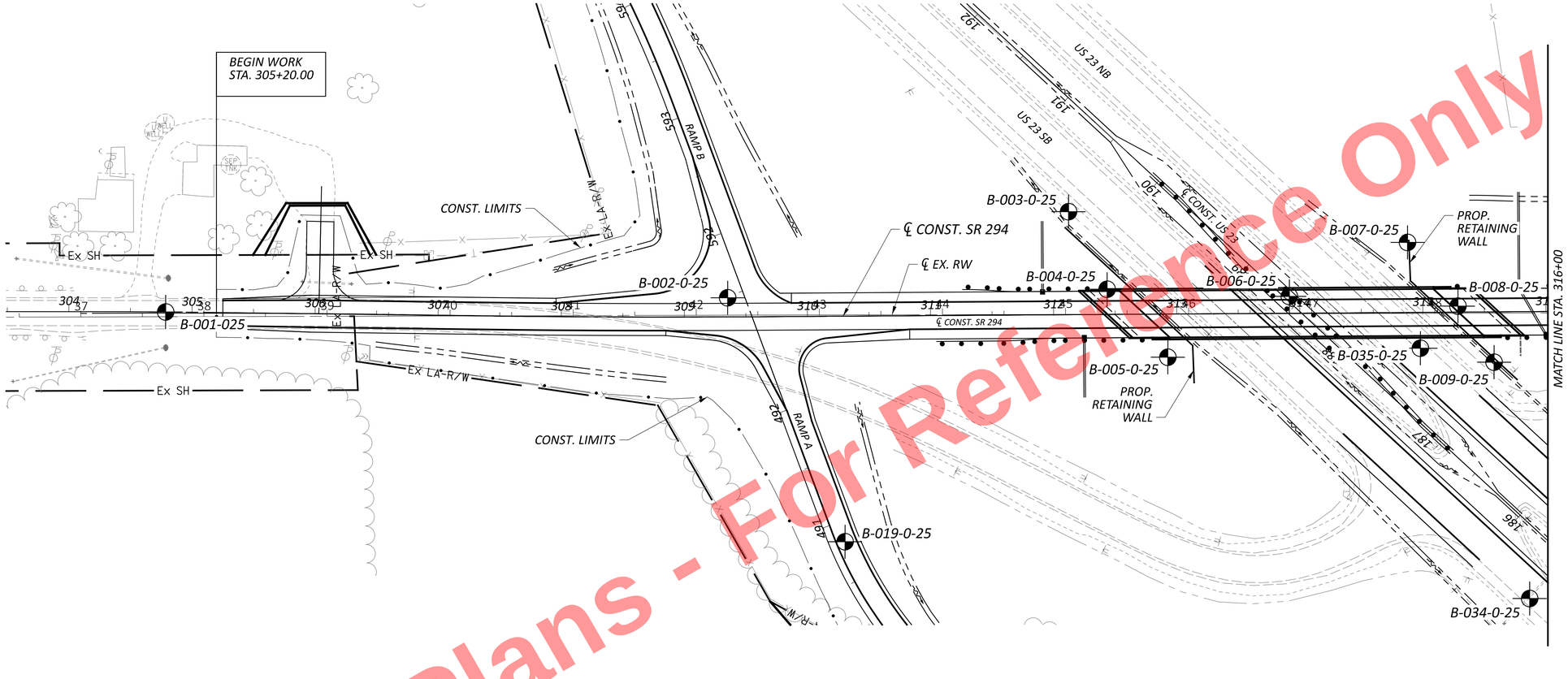
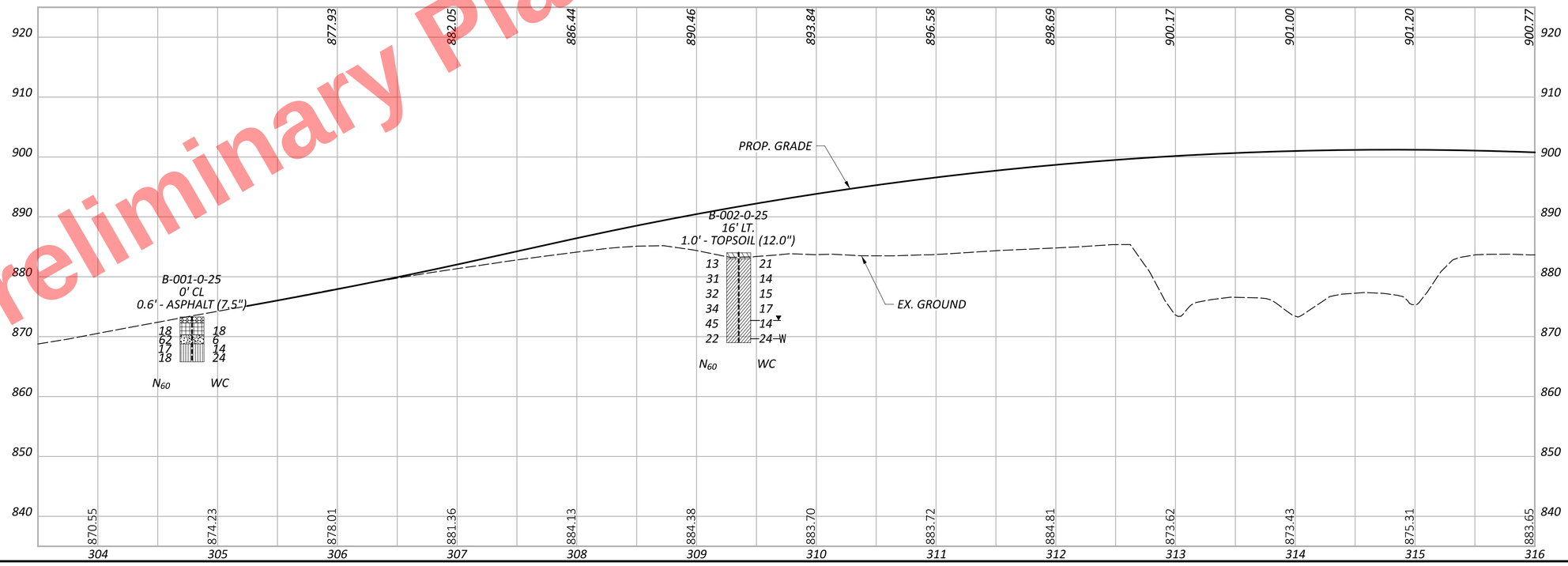
Preliminary Plans - For Reference Only





WYA-023-3.47

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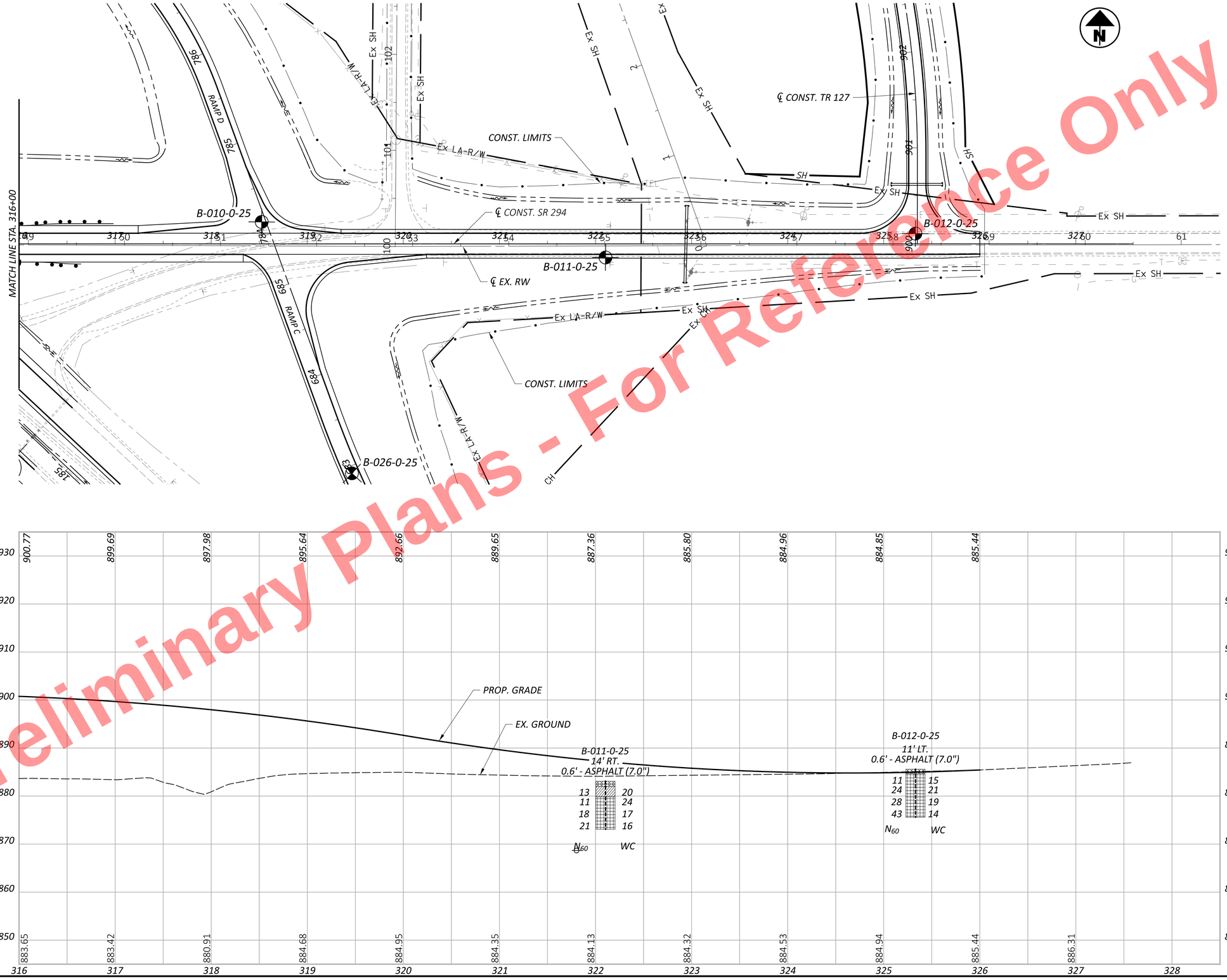
HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
S.R. 294 STA. 303+50 TO STA. 316+00

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 13 TOTAL 35
SHEET P.301 TOTAL 323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
S.R. 294 STA. 316+00 TO STA. 327+50

WYA-023-3.47

MODEL: 121424_IP202 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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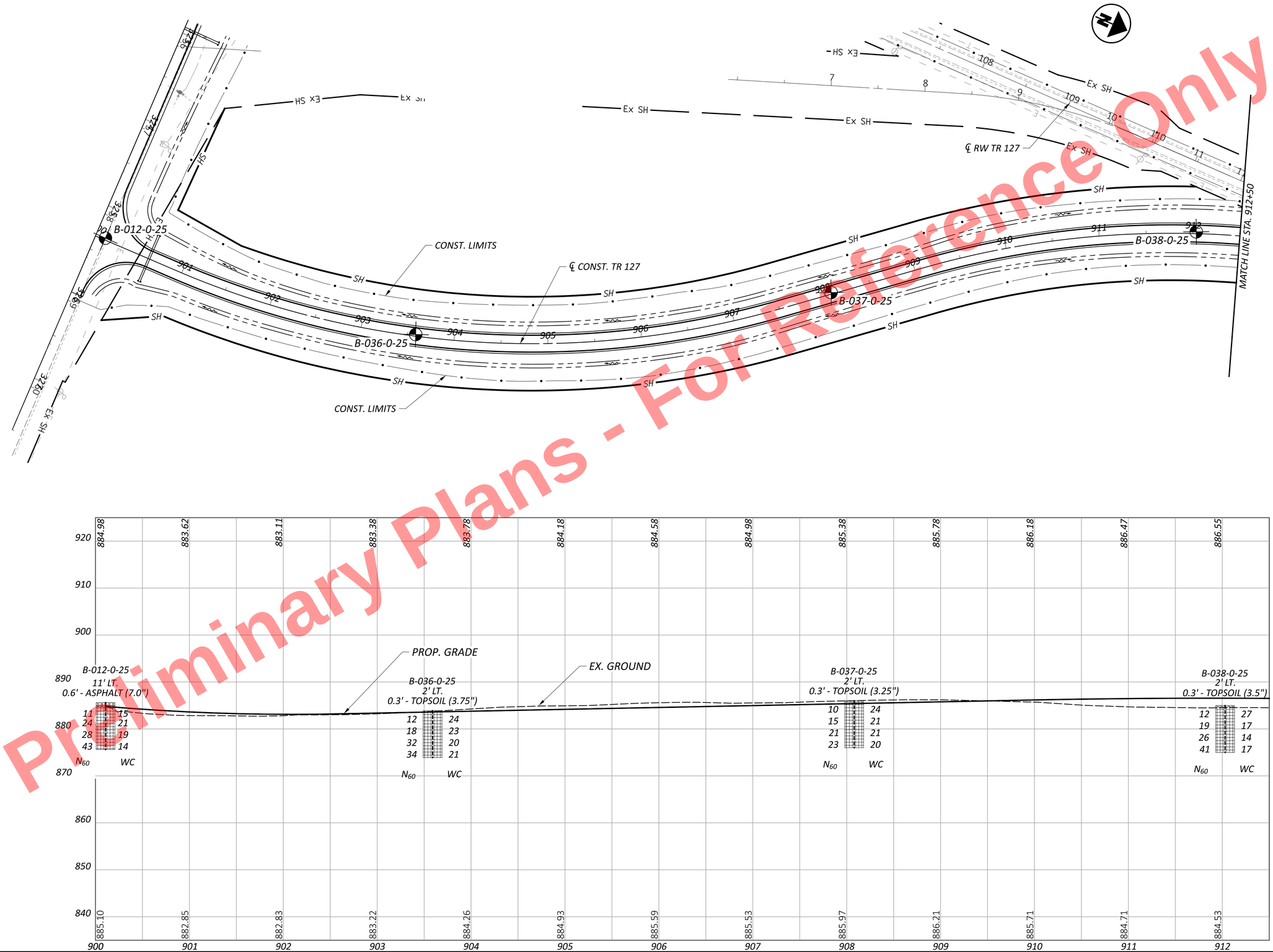
DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	14
TOTAL	35
SHEET	P.302
TOTAL	323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
TR. 127 STA. 900+00 TO STA. 912+50

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 15 TOTAL 35
SHEET P.303 TOTAL 323

WYA-023-3.47

MODEL: 121424_IP301 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:09 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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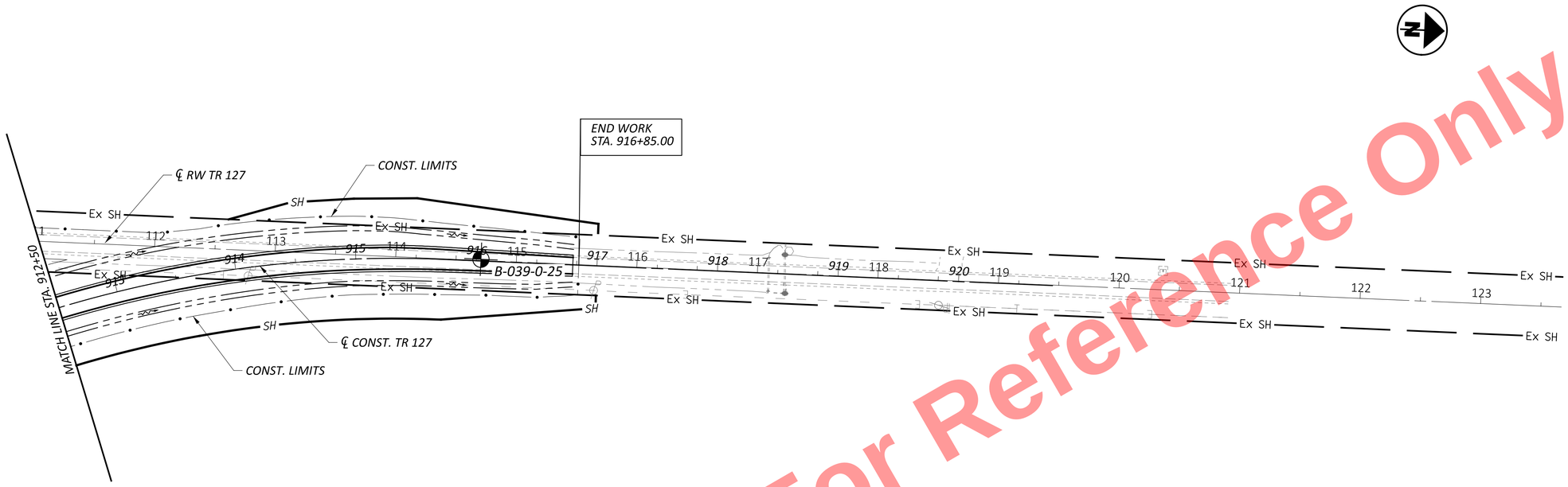

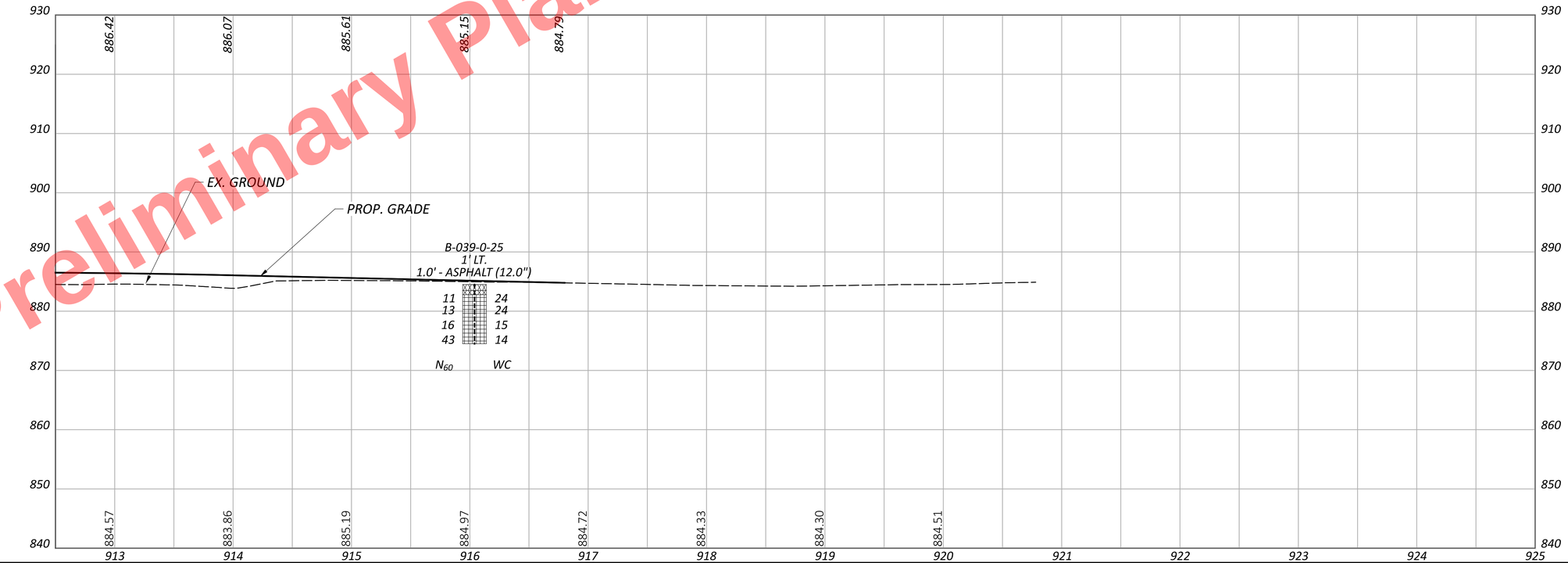

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
TR. 127 STA. 912+50 TO STA. 920+50

WYA-023-3.47

MODEL: 121424_IP302 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:15 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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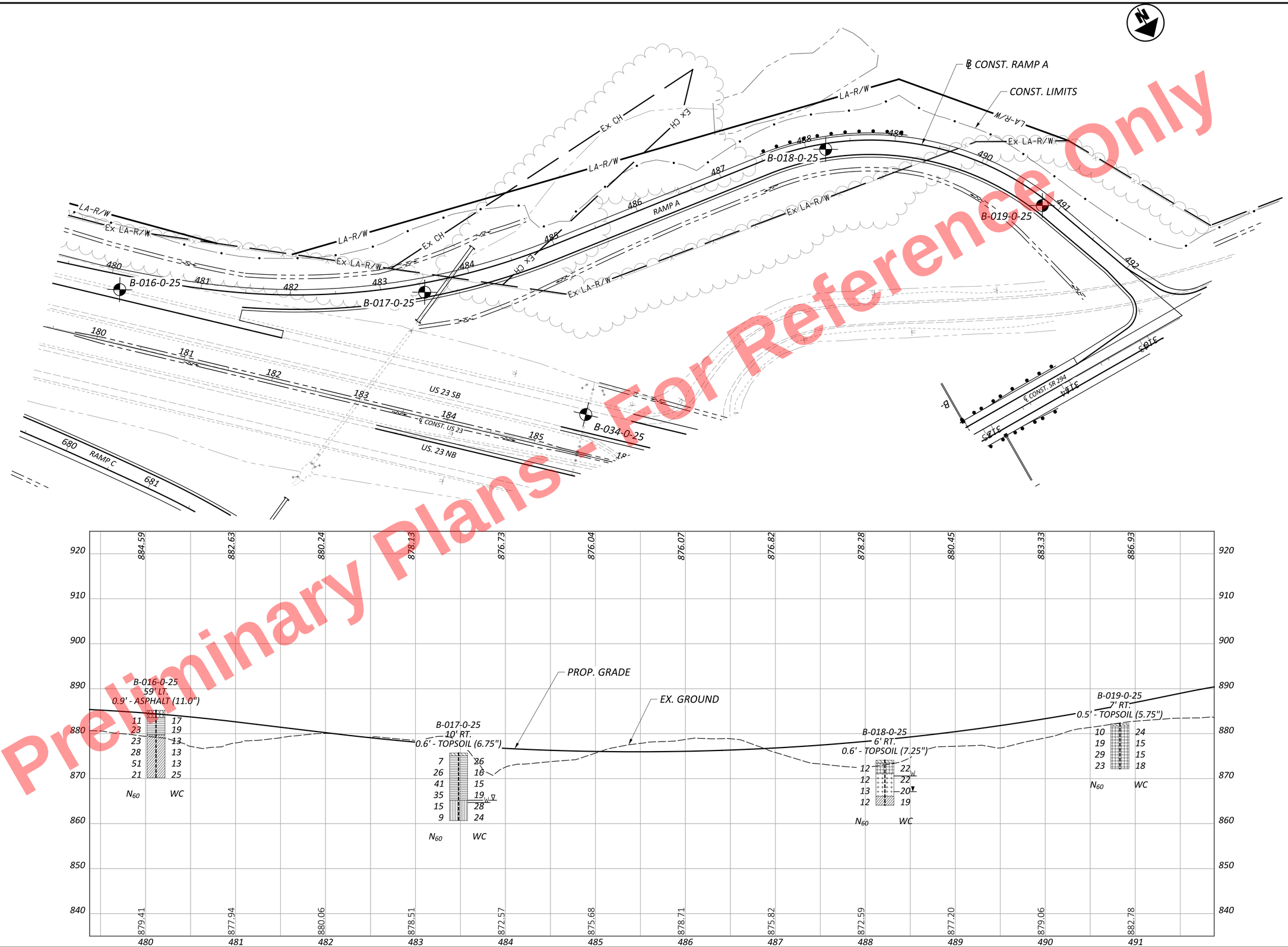
DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	16
TOTAL	35
SHEET	P.304
TOTAL	323

Preliminary Plans - For Reference Only



HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP A STA. 479+50 TO STA. 492+50

WYA-023-3.47

MODEL: 121424_JP602D PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:20 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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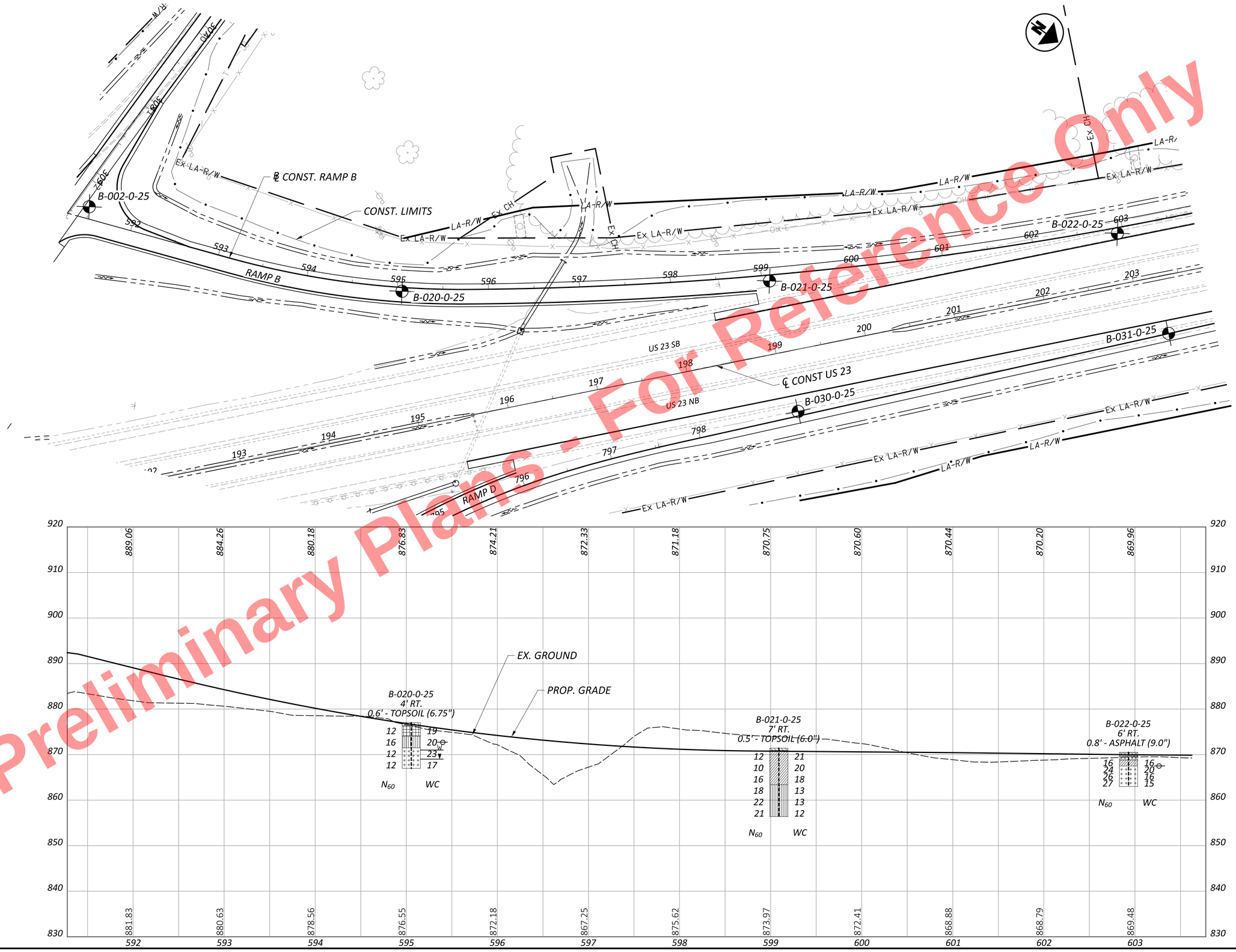
DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	17
TOTAL	35
SHEET	P.305
TOTAL	323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP B STA. 591+50 TO STA. 603+50

WYA-023-3.47

MODEL: 121424_IP601C PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:26 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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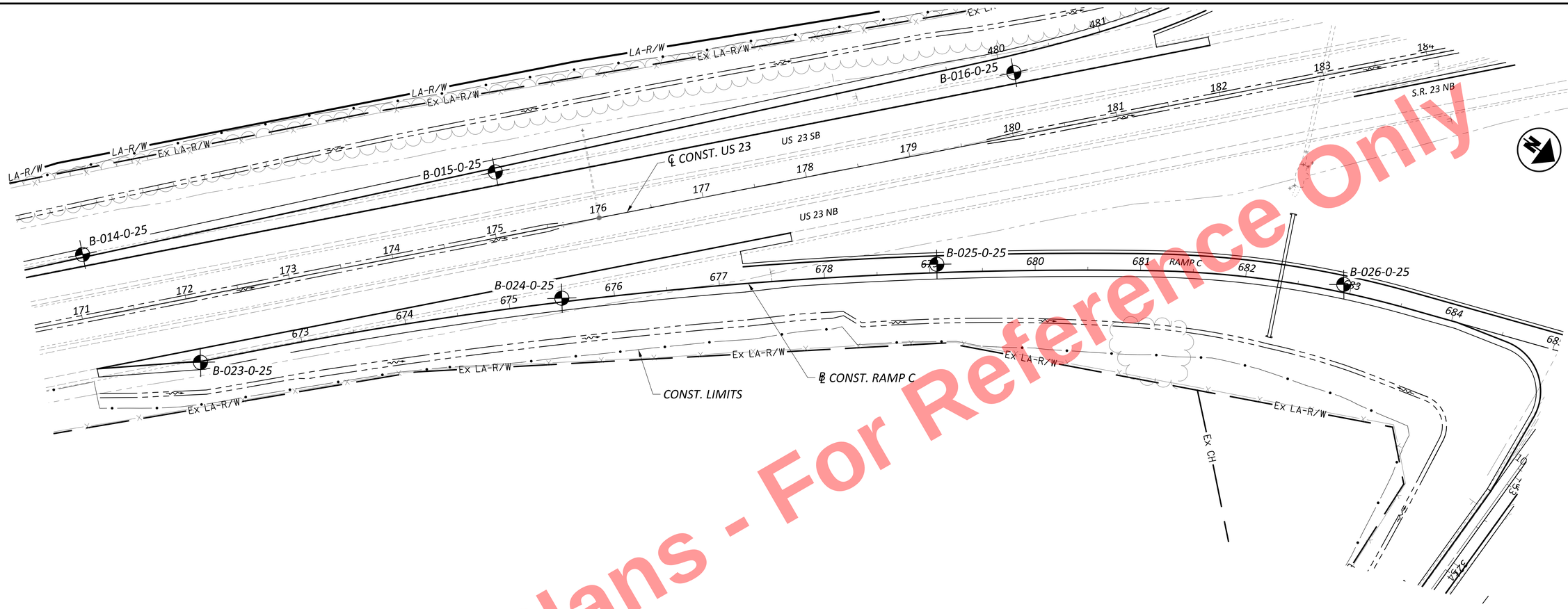
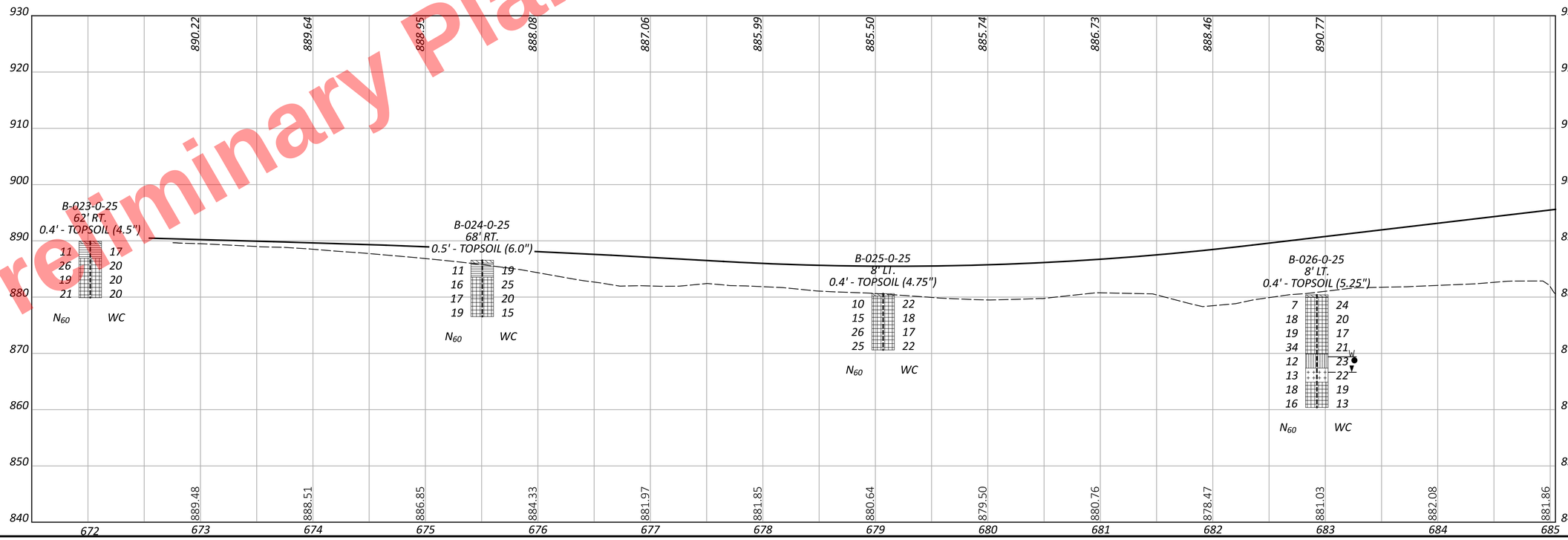
DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 18 TOTAL 35
SHEET P.306 TOTAL 323

Preliminary Plans - For Reference Only





HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP C STA. 672+50 TO STA. 685+00

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 19 TOTAL 35
SHEET P.307 TOTAL 323

WYA-023-3.47

MODEL: 121424_JP501 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:36 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
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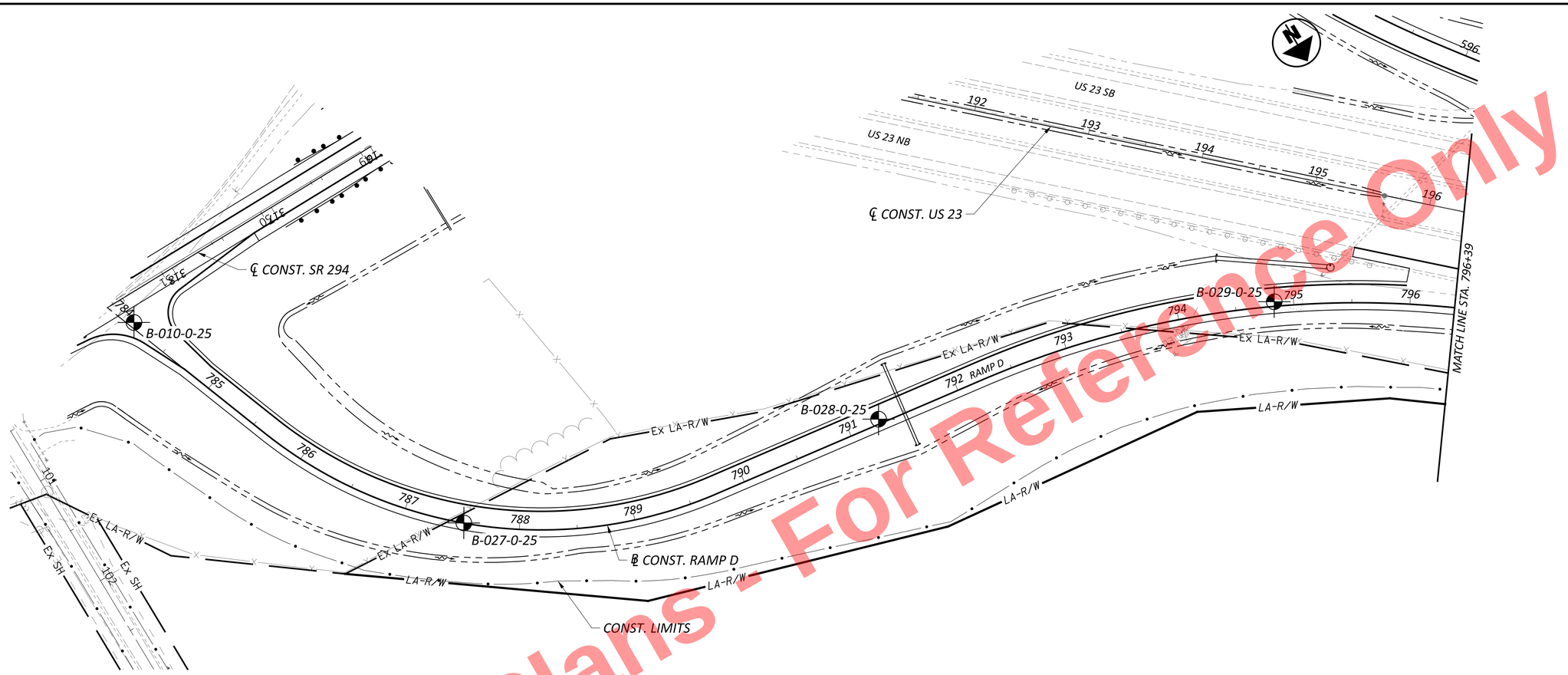
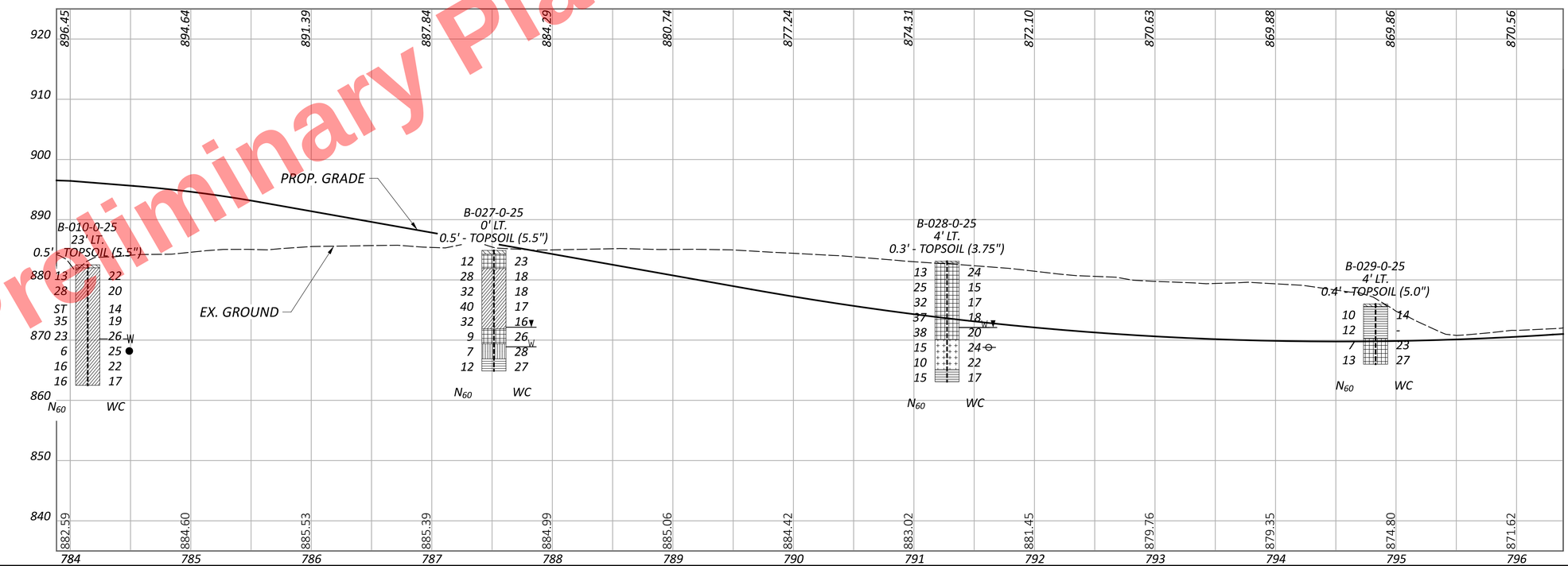




Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

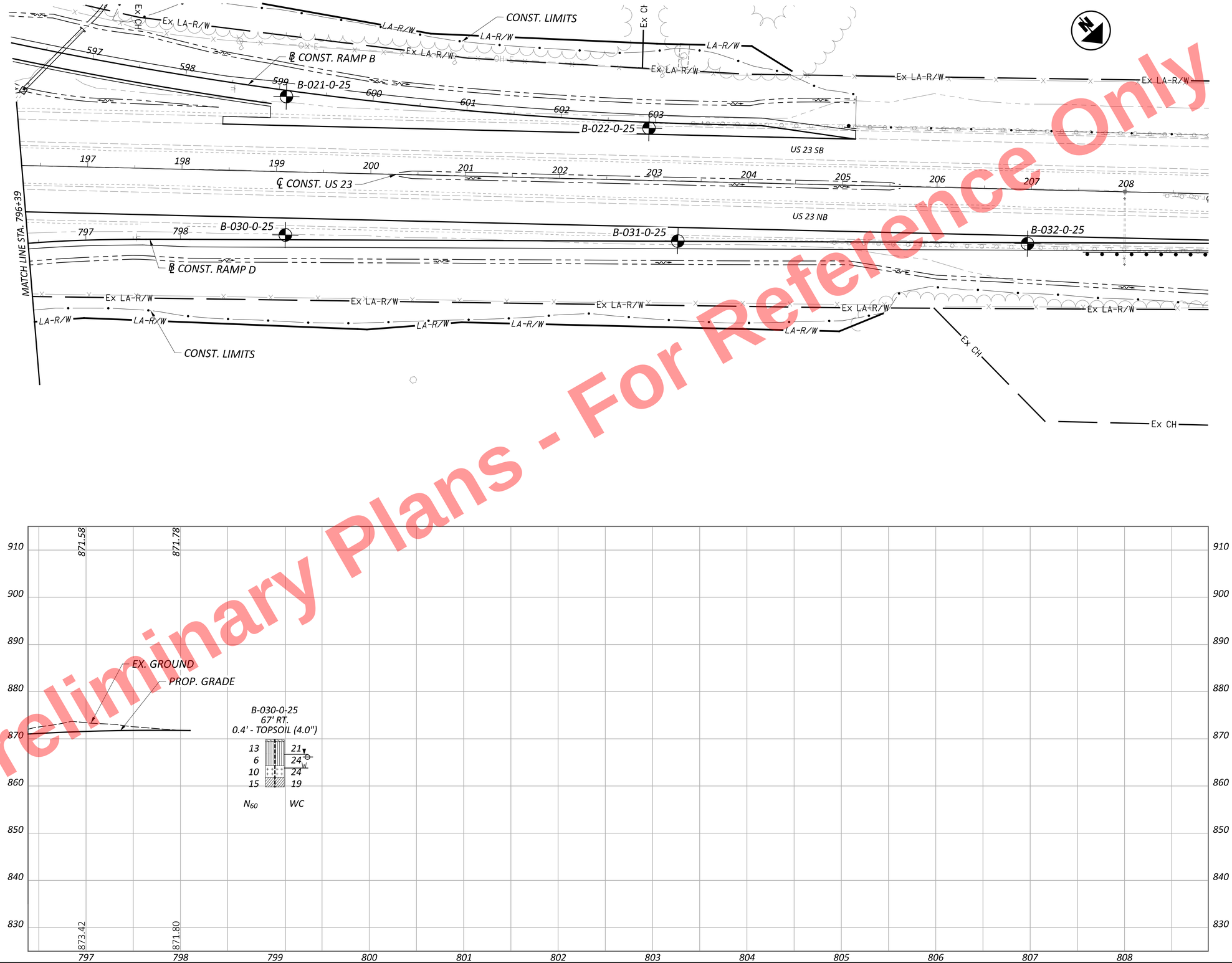
GEOTECHNICAL PROFILE - ROADWAY
RAMP D STA. 784+00 TO STA. 796+39

WYA-023-3.47

MODEL: 121424_IP401 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:47 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_IP401D.dgn

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	20
TOTAL	35
SHEET	P.308
TOTAL	323



Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 25 50 100

GEOTECHNICAL PROFILE - ROADWAY
RAMP D STA. 796+39 TO STA. 208+50 US 23

WYA-023-3.47

MODEL: 121424_IP402 PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:44:52 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: WORKSPACE: OHDOTCE_24.10
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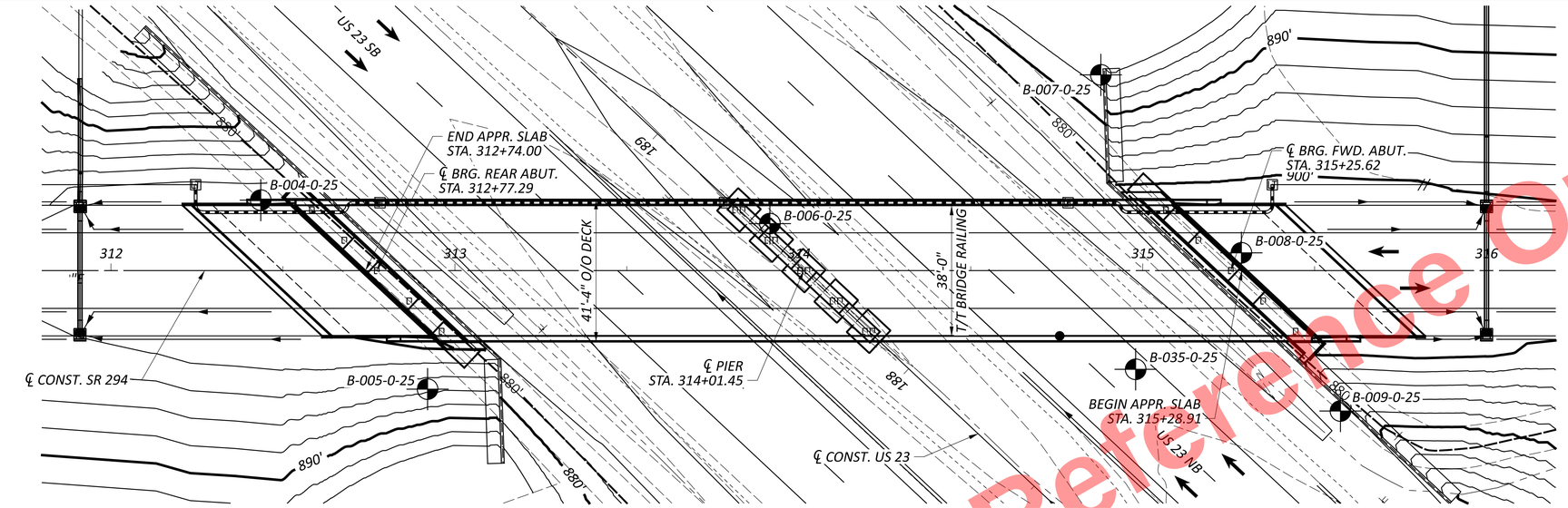
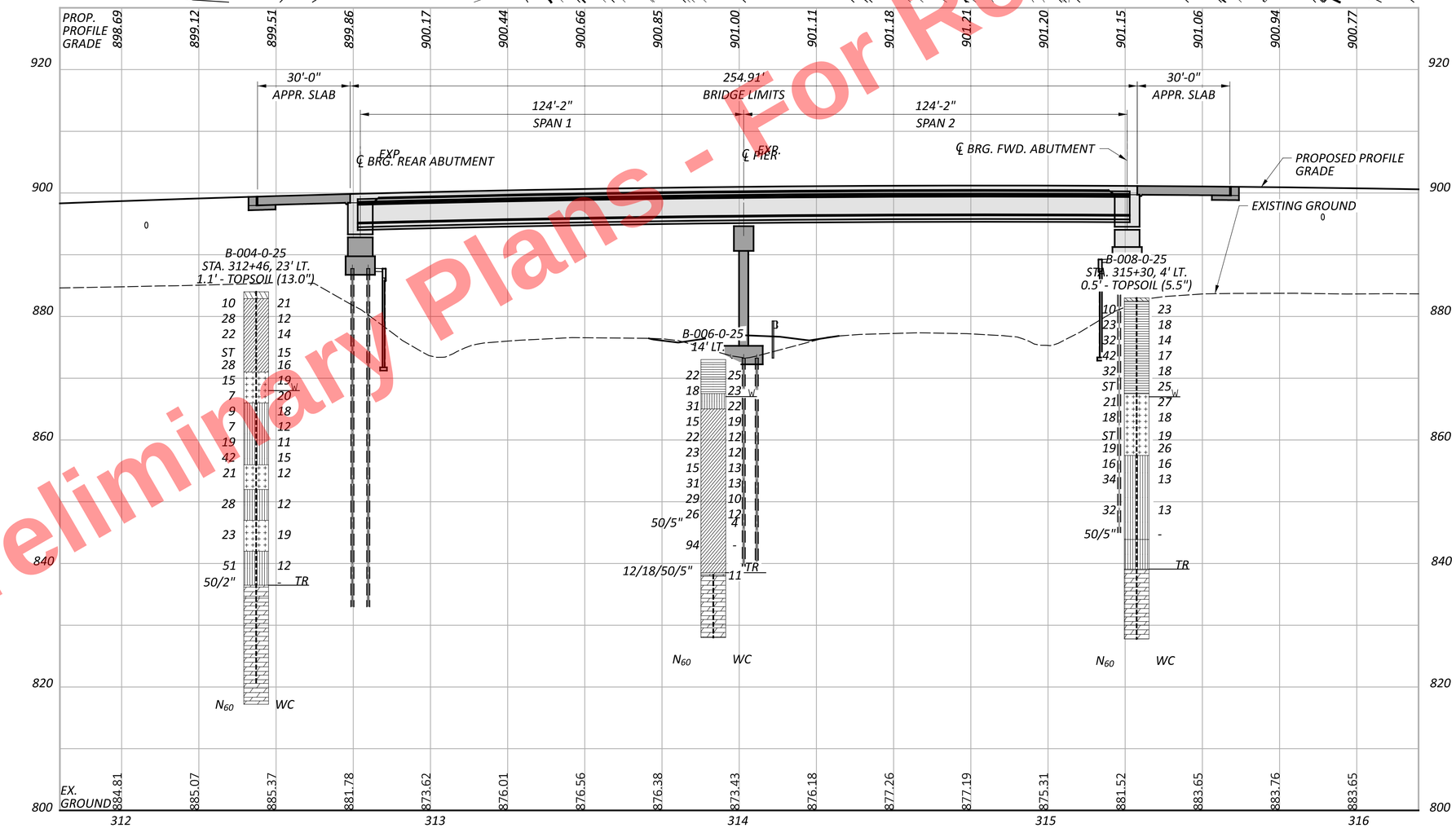
OHDOTCE_24.10 WORKSET: 121424 PRODUCT: MicroStation 10.17.02.61

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 021 TOTAL 35
SHEET P.309 TOTAL 323





Preliminary Plans - For Reference Only

GEOTECHNICAL PROFILE - ROADWAY
BRIDGE NO. WYA-0023-03.470

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	22
TOTAL	35
SHEET	P.310
TOTAL	323

WYA-23-3.47

MODEL: CLP_SR294 - SR 294 Plan View PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:45:34 PM USER: juans
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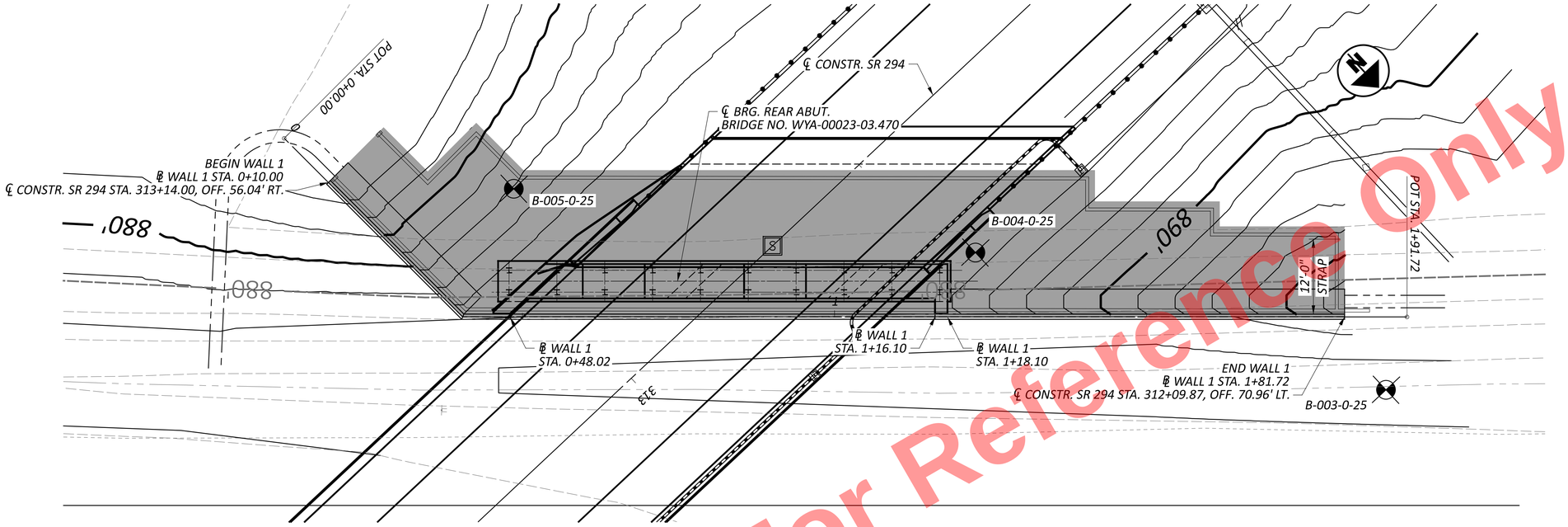

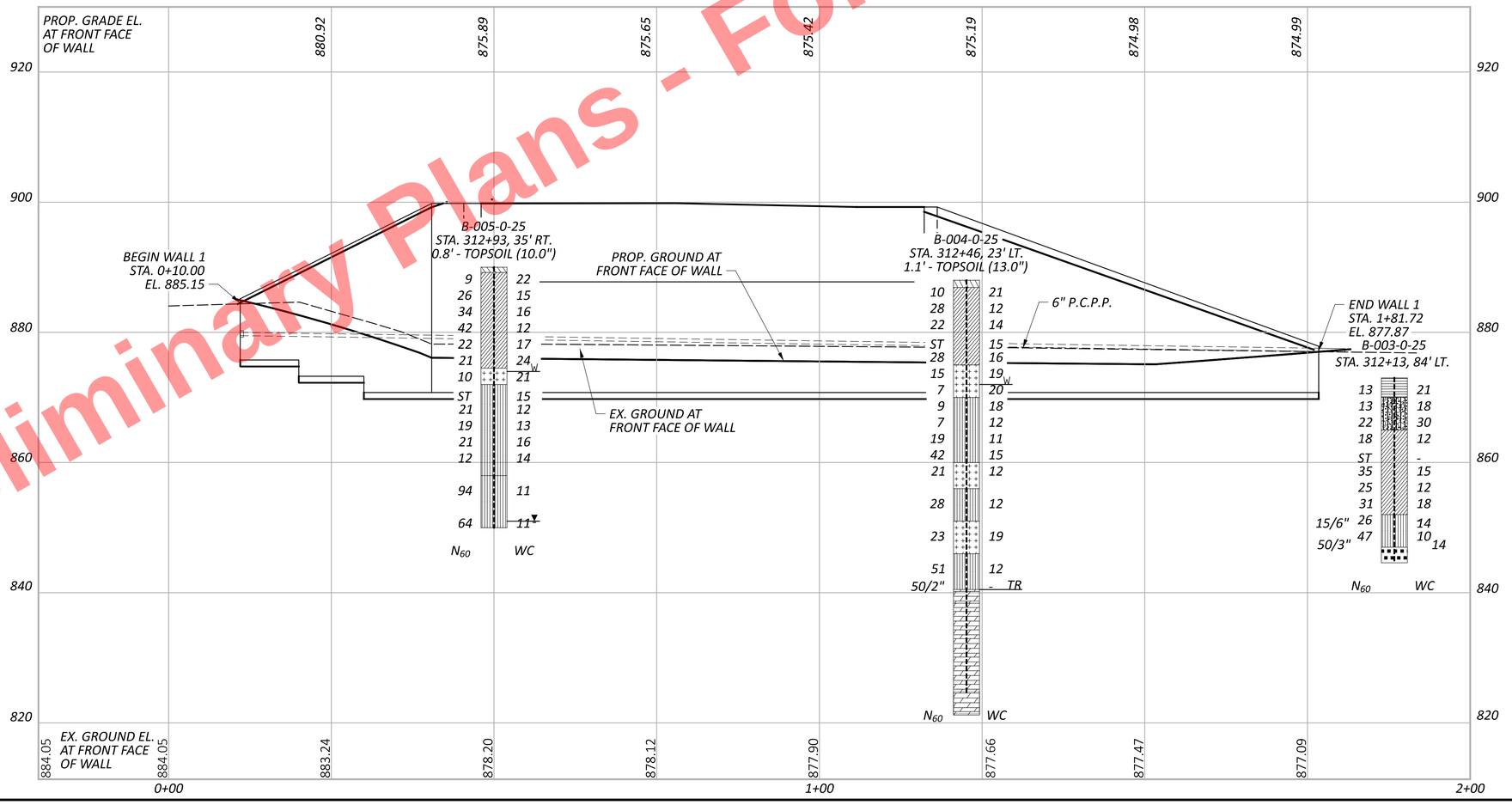

Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 5 10 20

GEOTECHNICAL PROFILE - ROADWAY
MSE WALL 1

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER JAS
REVIEWER AG MM-DD-YY
PROJECT ID 121424
SUBSET 23 TOTAL 35
SHEET P.311 TOTAL 323

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:45:47 PM USER: juans
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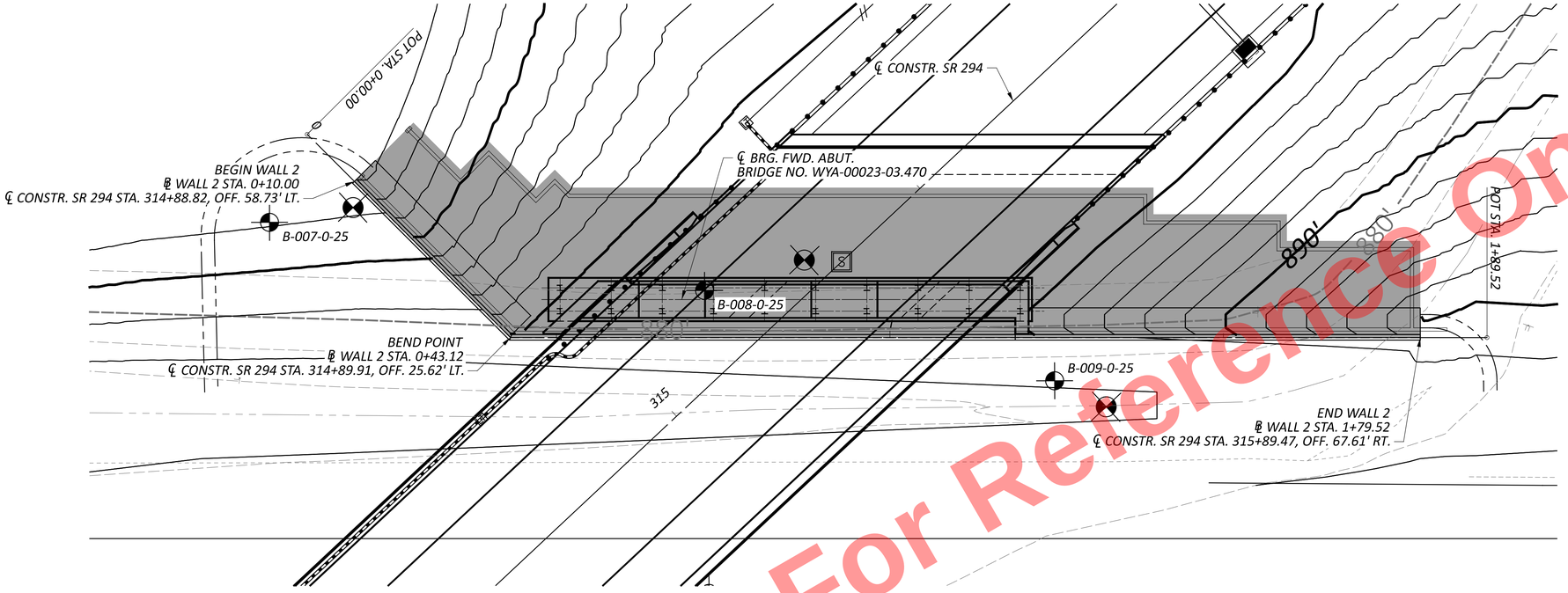
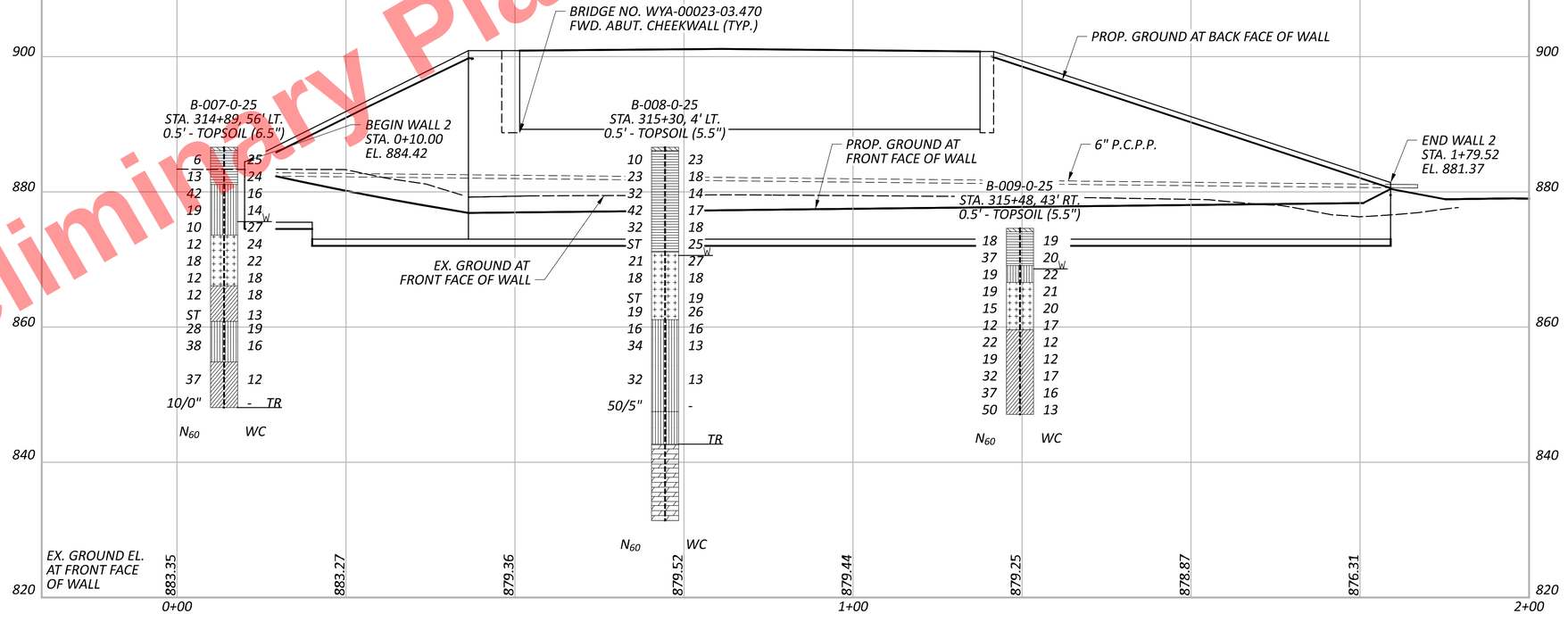




Preliminary Plans - For Reference Only

HORIZONTAL SCALE IN FEET
0 5 10 20

GEOTECHNICAL PROFILE - ROADWAY
MSE WALL 2

WYA-23-3.47

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 2/4/2026 TIME: 3:45:58 PM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZP003.dgn

DESIGN AGENCY
RESOURCE INTERNATIONAL
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OHIO 43231
(614) 823-4949

DESIGNER	JAS
REVIEWER	AG MM-DD-YY
PROJECT ID	121424
SUBSET	24
TOTAL	35
SHEET	P.312
TOTAL	323

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:33:37 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL001.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 312+13 / 84' LT.	EXPLORATION ID B-003-0-25
TYPE: RETAINING WALL	SAMPLING FIRM / LOGGER: RII / MJ	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: NA	DRILLING METHOD: 3.25" HSA	CALIBRATION DATE: 3/25/24	ELEVATION: 873.0 (ft) EOB: 28.4 ft.	PAGE 1 OF 1
START: 5/21/25 END: 5/21/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738765, -83.210234	

MATERIAL DESCRIPTION AND NOTES	ELEV. 873.0	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, BROWNISH GRAY **SILTY CLAY**, TRACE COARSE TO FINE SAND, MOIST.	870.0	1–2	1 4 5	13	72	SS-1	4.00	-	-	-	-	-	-	-	-	21	A-6b (V)	
MEDIUM DENSE, BROWNISH GRAY **GRAVEL WITH SAND AND SILT**, TRACE CLAY, WET.	865.0	3–5	3 4 5	13	33	SS-2	-	-	-	-	-	-	-	-	-	18	A-2-4 (V)	
		6–7	6 6 9	22	50	SS-3	-	21	8	39	25	7	NP	NP	NP	30	A-2-4 (0)	
VERY STIFF TO HARD, BROWNISH GRAY **SILT AND CLAY**, SOME COARSE TO FINE SAND, LITTLE COARSE TO FINE GRAVEL, MOIST.	852.0	9–10	6 6 6	18	78	SS-4	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
		12			0	ST-5	-	-	-	-	-	-	-	-	-	-	A-6a (V)	
		14–15	9 11 13	35	33	SS-6	3.50	15	11	19	31	24	24	13	11	15	A-6a (4)	
		17	7 8 9	25	56	SS-7	4.5+	-	-	-	-	-	24	13	11	12	A-6a (V)	
		19–20	5 8 13	31	33	SS-8	-	-	-	-	-	-	-	-	-	18	A-6a (V)	
MEDIUM DENSE TO DENSE, BROWNISH GRAY **SANDY SILT**, TRACE CLAY, MOIST.	847.0	22	5 8 10	26	0	SS-9	-	-	-	-	-	-	-	-	-	-		
		23	15	-	75	2S-9A	-	-	-	-	-	-	-	-	-	14	A-4a (V)	
		24–25	10 15 17	47	72	SS-10	-	-	-	-	-	-	-	-	-	10	A-4a (V)	
COBBLE AND BOULDERS	844.6	26	50/3"	-	67	SS-11	-	-	-	-	-	-	-	-	-	14	Rock (V)	
AUGER REFUSAL @ 28.4'		EOB																

Preliminary Plans - For Reference Only

NOTES: GROUNDWATER COULD NOT BE RECORDED DUE TO THE INFLUENCE OF SURFACE WATER FLOW FROM DRAINAGE DITCH TO BOREHOLE. CAVE-IN DEPTH @ 10.1'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH BENTONITE CHIPS AND SOIL CUTTINGS.

400-23 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 - 11:11 - U:\GI\PROJECTS\2025\W-25-026.GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.313 / TOTAL 323	25 / TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL, INC. 6500 PRESIDENTIAL GATEWAY COLUMBUS, OHIO 43231 (614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-003-0-25

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:34:11 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL002.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 312+46 / 23' LT.	EXPLORATION ID B-004-0-25
TYPE: BRIDGE	SAMPLING FIRM / LOGGER: RII / KC	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: 8803902	DRILLING METHOD: 3.25" HSA / NQ2	CALIBRATION DATE: 3/25/24	ELEVATION: 884.0 (ft) EOB: 63.2 ft.	PAGE 1 OF 2
START: 5/27/25 END: 5/28/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738622, -83.210106	

MATERIAL DESCRIPTION AND NOTES	ELEV. 884.0	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
1.1' - TOPSOIL (13.0")	882.9																	
VERY STIFF TO HARD, BROWN **SILT AND CLAY**, SOME COARSE TO FINE SAND, TRACE FINE GRAVEL, DAMP.			2 3 4	10	67	SS-1	3.50	-	-	-	-	-	-	-	-	21	A-6a (V)	
			6 7 12	28	89	SS-2	4.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
			5 7 8	22	100	SS-3	4.00	-	-	-	-	-	-	-	-	14	A-6a (V)	
- QU @ 9.0'-9.5' = 3.19 tsf @ 2.69% Strain					94	ST-4	4.5+	2	7	14	39	38	29	17	12	15	A-6a (9)	
	871.0		8 9 10	28	100	SS-5	4.5+	-	-	-	-	-	-	-	-	16	A-6a (V)	
VERY STIFF, BROWN **SILT**, LITTLE COARSE TO FINE SAND, SOME CLAY, MOIST.			4 5 5	15	89	SS-6	2.50	-	-	-	-	-	-	-	-	19	A-4b (V)	
		W 868.0	4 2 3	7	83	SS-7	2.50	0	1	15	56	28	22	15	7	20	A-4b (8)	
	866.0																	
VERY STIFF, BROWNISH GRAY **SANDY SILT**, LITTLE CLAY, MOIST.			3 3 3	9	94	SS-8	3.00	-	-	-	-	-	-	-	-	18	A-4a (V)	
			2 3 2	7	72	SS-9	3.50	-	-	-	-	-	-	-	-	12	A-6a (V)	
			6 6 7	19	83	SS-10	3.00	-	-	-	-	-	-	-	-	11	A-6a (V)	
			10 13 16	42	39	SS-11	2.25	17	8	16	36	23	20	14	6	15	A-4a (5)	
	856.0																	
MEDIUM DENSE, BROWNISH GRAY **SILT**, LITTLE COARSE TO FINE SAND, TRACE CLAY, MOIST.			5 6 8	21	67	SS-12	-	-	-	-	-	-	-	-	-	12	A-4b (V)	
	852.0																	
HARD, BROWNISH GRAY **SANDY SILT**, SOME CLAY, LITTLE FINE GRAVEL, TRACE COARSE TO FINE SAND, DAMP.			7 9 10	28	94	SS-13	4.00	-	-	-	-	-	-	-	-	12	A-4a (V)	
	847.0																	
MEDIUM DENSE, GRAYISH BROWN **SILT**, LITTLE CLAY, LITTLE COARSE TO FINE SAND, TRACE FINE GRAVEL, WET.			7 8 8	23	50	SS-14	-	5	7	10	60	18	18	16	2	19	A-4b (8)	
	842.0																	
VERY DENSE, BROWNISH GRAY **SANDY SILT**, SOME CLAY, TRACE FINE GRAVEL, TRACE COARSE TO FINE SAND, DAMP TO MOIST.			16 16 19	51	89	SS-15	-	-	-	-	-	-	-	-	-	12	A-4a (V)	
	836.5	TR	50/2"	-	100	SS-16	4.5+	-	-	-	-	-	-	-	-	-	Rock (V)	
DOLOMITE : BROWN. AUGER REFUSAL AT 49.6'	834.4																	
DOLOMITE : GRAY TO BROWN, SLIGHTLY WEATHERED, MODERATELY STRONG TO VERY STRONG, THIN BEDDED, ARGILLACEOUS PARTINGS.			0		78	NQ-1											CORE	
-QU @ 54.7' = 13,753 PSI @ 4.77 % Strain			24		100	NQ-2											CORE	

Preliminary Plans - For Reference Only

J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_GPJ.GPJ
000-023 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 11:11:11 - U:\GI\PROJECTS\2025\W-25-026

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.314 / TOTAL 323	26 / TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL, INC. 6500 PRESIDENTIAL GATEWAY COLUMBUS, OHIO 43231 (614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-004-0-25

PID: 121424	SFN: NA	PROJECT: WYA-23-3.47	STATION / OFFSET: 31246, 23' LT.	START: 5/27/25	END: 5/28/25	PG 2 OF 2	B-004-0-25

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
DOLOMITE : GRAY TO BROWN, SLIGHTLY WEATHERED, MODERATELY STRONG TO VERY STRONG, THIN BEDDED, ARGILLACEOUS PARTINGS. *(continued)*	824.0	61	19		77	NQ-3											CORE	
	820.8	EOB 63																

Preliminary Plans - For Reference Only

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 16.0'. GROUNDWATER COULD NOT BE RECORDED DUE TO THE INFLUENCE OF WASH WATER ADDED DURING ROCK CORING. CAVE-IN DEPTH @ 30.1'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: GROUTED WITH A MIXTURE OF CEMENT AND BENTONITE POWDER.

WAY-023-3.47 RIII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 - 11:11 - U:\GI\PROJECTS\2025\W-25-026.GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.315 / TOTAL 323	27 / TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL INNOVATION

6500 PRESIDENTIAL GATEWAY
COLUMBUS, OH 43231
(614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-004-0-25

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 312+93 / 35' RT.	EXPLORATION ID B-005-0-25
TYPE: BRIDGE	SAMPLING FIRM / LOGGER: MJ / DB	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: NA	DRILLING METHOD: 3.25" HSA	CALIBRATION DATE: 3/25/24	ELEVATION: 885.0 (ft) EOB: 40.0 ft.	PAGE 1 OF 1
START: 5/22/25 END: 5/23/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738463, -83.209935	

MATERIAL DESCRIPTION AND NOTES	ELEV. 885.0	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
0.8' - TOPSOIL (10.0")	884.2																	
VERY STIFF TO HARD, BROWN **SILT AND CLAY**, SOME COARSE TO FINE SAND, LITTLE FINE GRAVEL, DAMP.			2 2 4	9	58	SS-1	3.00	-	-	-	-	-	-	-	-	22	A-6a (V)	
			4 8 10	26	83	SS-2	3.75	11	10	15	30	34	32	17	15	15	A-6a (8)	
			4 10 13	34	100	SS-3	4.5+	-	-	-	-	-	-	-	-	16	A-6a (V)	
			12 13 16	42	78	SS-4	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
			3 6 9	22	89	SS-5	4.25	-	-	-	-	-	-	-	-	17	A-6a (V)	
- SAND SEAM ENCOUNTERED AT 14.8'			3 4 10	21	100	SS-6	2.00	-	-	-	-	-	-	-	-	24	A-6a (V)	
	869.5																	
STIFF, GRAYISH BROWN **SILT**, LITTLE CLAY, LITTLE COARSE TO FINE SAND, MOIST.	867.0	W	2 3 4	10	94	SS-7	2.00	-	-	-	-	-	-	-	-	21	A-4b (V)	
VERY STIFF, GRAYISH BROWN **SANDY SILT**, SOME CLAY, LITTLE FINE GRAVEL, DAMP.					100	ST-8	-	10	10	15	36	29	24	15	9	15	A-4a (6)	
- QU @ 19.5'-20.0' = 1.71 tsf @ 7.56 % Strain			4 6 8	21	100	SS-9	2.50	-	-	-	-	-	-	-	-	12	A-4a (V)	
			4 5 8	19	67	SS-10	3.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
			4 6 8	21	33	SS-11	2.25	-	-	-	-	-	-	-	-	16	A-4a (V)	
			1 3 5	12	78	SS-12	2.25	-	-	-	-	-	-	-	-	14	A-4a (V)	
	853.0																	
VERY DENSE, GRAYISH BROWN **SANDY SILT**, LITTLE CLAY, LITTLE FINE GRAVEL, DAMP.			19 28 36	94	89	SS-13	-	12	7	19	46	16	NP	NP	NP	11	A-4a (5)	
	845.0	EOB	16 23 21	64	83	SS-14	-	-	-	-	-	-	-	-	-	11	A-4a (V)	

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 16.0'. GROUNDWATER UPON COMPLETION @ 39.0'. CAVE-IN DEPTH @ 5.0'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH BENTONITE CHIPS AND SOIL CUTTINGS.

Preliminary Plans - For Reference Only

000-23 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 - 11:11 - U:\GI\PROJECTS\2025\W-25-026.GPJ

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-005-0-25

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:35:56 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL005.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 313+92 / 14' LT.	EXPLORATION ID B-006-0-25
TYPE: BRIDGE	SAMPLING FIRM / LOGGER: RII / MJ	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: 8803902	DRILLING METHOD: 3.25" HSA / NQ2	CALIBRATION DATE: 3/25/24	ELEVATION: 873.3 (ft) EOB: 45.0 ft.	PAGE 1 OF 1
START: 5/22/25 END: 5/22/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738599, -83.209581	

MATERIAL DESCRIPTION AND NOTES	ELEV. 873.3	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
0.5' - TOPSOIL (6.0")	872.8																	
STIFF TO HARD, BROWN **SILTY CLAY**, TRACE COARSE TO FINE SAND, DAMP TO MOIST.			3 7 8	22	100	SS-1	4.5+	-	-	-	-	-	-	-	-	25	A-6b (V)	
			5 6 6	18	72	SS-2	2.50	-	-	-	-	-	-	-	-	23	A-6b (V)	
	867.8																	
DENSE, GRAYISH BROWN **SANDY SILT**, MOIST.		W 867.3	7 10 11	31	81	SS-3	-	-	-	-	-	-	-	-	-	22	A-4a (V)	
	865.3																	
VERY STIFF TO HARD, BROWNISH GRAY TO GRAYISH BROWN **SILT AND CLAY**, SOME COARSE TO FINE SAND, LITTLE FINE GRAVEL, DAMP.			2 4 6	15	89	SS-4	4.5+	-	-	-	-	-	-	-	-	19	A-6a (V)	
			3 6 9	22	61	SS-5	3.00	-	-	-	-	-	-	-	-	12	A-6a (V)	
			3 8 8	23	100	SS-6	-	-	-	-	-	-	-	-	-	12	A-6a (V)	
			3 3 7	15	44	SS-7	2.75	19	7	16	32	26	24	13	11	13	A-6a (5)	
			4 6 15	31	50	SS-8	3.00	-	-	-	-	-	-	-	-	13	A-6a (V)	
			8 10 10	29	75	SS-9	4.5+	-	-	-	-	-	-	-	-	10	A-6a (V)	
			7 7 11	26	83	2S-10	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
- LIMESTONE COBBLE IN SS-11			50/5"	-	30	SS-11	-	-	-	-	-	-	-	-	-	4	A-6a (V)	
ODOT CLASS OF SS-12 SAMPLE IS ESTIMATED BASED ON SS-11 AND SS-13A SAMPLES			36 38 26	94	0	SS-12	-	-	-	-	-	-	-	-	-	-	A-6a (V)	
	838.8		12 18 50/5"	-	100	SS-13A	4.5+	-	-	-	-	-	-	-	-	11	A-6a (V)	
DOLOMITE : BROWN.	838.3	TR				SS-13B	-	-	-	-	-	-	-	-	-	-	Rock (V)	
AUGER REFUSAL @ 35.0'																		
DOLOMITE : GRAY TO BROWN, SLIGHTLY WEATHERED, MODERATELY STRONG TO VERY STRONG, THIN BEDDED, ARGILLACEOUS PARTINGS, HIGHLY FRACTURED TO MODEREATELY FRACTURED.			0		100	NQ-1											CORE	
-QU @ 42.1' = 5,466 PSI @ 2.5 % Strain			67		99	NQ-2											CORE	
	828.3	EOB																

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 6.0'. GROUNDWATER COULD NOT BE RECORDED DUE TO THE INFLUENCE OF WASH WATER ADDED DURING ROCK CORING. CAVE-IN DEPTH @ 18.2'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: GROUTED WITH A MIXTURE OF CEMENT AND BENTONITE POWDER.

Preliminary Plans - For Reference Only

000-23 RII STA ODOT BORING LOG (11X17) - OH DOT.GDT - 2/5/26 11:11 - U:\GI\8\PROJECTS\2025\W-25-026.GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.317 / TOTAL 323	29 / TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL, INC. 6500 PRESIDENTIAL GATEWAY COLUMBUS, OHIO 43231 (614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-006-0-25

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:36:32 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL006.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 314+89 / 56' LT.	EXPLORATION ID B-007-0-25
TYPE: RETAINING WALL	SAMPLING FIRM / LOGGER: RII / MJ	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: NA	DRILLING METHOD: 3.25" HSA	CALIBRATION DATE: 3/25/24	ELEVATION: 883.3 (ft) EOB: 38.5 ft.	PAGE 1 OF 1
START: 5/20/25 END: 5/20/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738718, -83.209231	

MATERIAL DESCRIPTION AND NOTES	ELEV. 883.3	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
0.5' - TOPSOIL (6.5")	882.8																	
VERY STIFF TO HARD, LIGHT BROWN TO BROWNISH GRAY **SILTY CLAY**, LITTLE COARSE TO FINE SAND, DAMP TO MOIST.	877.8		1 2 2	6	58	SS-1	2.75	-	-	-	-	-	-	-	-	25	A-6b (V)	
			3 4 5	13	53	SS-2	2.50	-	-	-	-	-	-	-	-	24	A-6b (V)	
MEDIUM STIFF TO HARD, BROWNISH GRAY TO GRAYISH BROWN **SANDY SILT**, SOME CLAY, LITTLE FINE GRAVEL, DAMP.			8 13 16	42	89	SS-3	4.5+	-	-	-	-	-	-	-	-	16	A-4a (V)	
			4 6 7	19	61	SS-4	4.5+	13	5	12	42	28	26	16	10	14	A-4a (7)	
	870.3	W 872.3	3 3 4	10	50	SS-5	1.75	-	-	-	-	-	-	-	-	27	A-4a (V)	
MEDIUM DENSE, GRAYISH BROWN **SILT**, SOME CLAY, LITTLE COARSE TO FINE SAND, TRACE FINE GRAVEL, DAMP.	862.8		2 2 6	12	56	SS-6	-	-	-	-	-	-	-	-	-	24	A-4b (V)	
			3 6 6	18	100	SS-7	-	-	-	-	-	-	-	-	-	22	A-4b (V)	
			2 3 5	12	83	SS-8	-	2	4	8	62	24	23	18	5	18	A-4b (8)	
VERY STIFF, GRAYISH BROWN **SILT AND CLAY**, TRACE COARSE TO FINE SAND, MOIST.			2 4 4	12	50	SS-9	2.25	-	-	-	-	-	-	-	-	18	A-6a (V)	
- QU @ 25.0'-25.5' = 2.5 tsf @ 14.96 % Strain	857.6				92	ST-10	-	-	-	-	-	-	-	-	-	13	A-6a (V)	
DENSE, GRAYISH BROWN **SANDY SILT**, LITTLE CLAY, LITTLE FINE GRAVEL, LITTLE CLAY, MOIST TO WET.			7 9 10	28	36	SS-11	-	16	7	31	30	16	-	-	-	19	A-4a (V)	
	851.6		11 11 15	38	28	SS-12	-	-	-	-	-	-	-	-	-	16	A-4a (V)	
HARD, BROWNISH GRAY **SILT AND CLAY**, SOME CLAY, LITTLE COARSE TO FINE GRAVEL, TRACE COARSE TO FINE SAND, DAMP.			11 13 12	37	83	SS-13	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
SPLIT SPOON REFUSAL AT 38.5'																		
AUGER REFUSAL @ 38.5'	844.8	EOB				14	-	-	-	-	-	-	-	-	-	-		

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 11.0'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH BENTONITE CHIPS AND SOIL CUTTINGS. PAVEMENT PATCHED WITH CONCRETE.

Preliminary Plans - For Reference Only

000-23 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 11:11 - U:\GI\PROJECTS\2025\W-25-026.GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P.318 TOTAL 323	30 TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL, INC. 6500 PRESIDENTIAL GATEWAY COLUMBUS, OHIO 43231 (614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-007-0-25

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:37:20 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL007.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / KC	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 315+30 / 4' LT.	EXPLORATION ID B-008-0-25
TYPE: BRIDGE	SAMPLING FIRM / LOGGER: RII / IS	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: 8803902	DRILLING METHOD: 3.25" HSA / NQ2	CALIBRATION DATE: 3/25/24	ELEVATION: 883.1 (ft) EOB: 55.2 ft.	PAGE 1 OF 1
START: 5/30/25 END: 5/30/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738576, -83.209083	

MATERIAL DESCRIPTION AND NOTES	ELEV. 883.1	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
0.5' - TOPSOIL (5.5")	882.6																	
STIFF TO HARD, BROWN **SILTY CLAY**, LITTLE TO NO SAND, LITTLE TO NO GRAVEL, TRACE COARSE TO FINE SAND, MOIST TO DAMP.			1 2 5	10	50	SS-1	3.00	-	-	-	-	-	-	-	-	23	A-6b (V)	
			6 6 10	23	100	SS-2	4.50	-	-	-	-	-	-	-	-	18	A-6b (V)	
			6 10 12	32	72	SS-3	4.50	-	-	-	-	-	-	-	-	14	A-6b (V)	
			6 12 17	42	100	SS-4	4.50	-	-	-	-	-	-	-	-	17	A-6b (V)	
			9 10 12	32	100	SS-5	4.50	-	-	-	-	-	-	-	-	18	A-6b (V)	
SAND SEAM ENCOUNTERED AT 13.0'					100	ST-6	-	0	0	0	38	62	37	20	17	25	A-6b (11)	
	867.6																	
VERY STIFF, BROWNISH GRAY **SILT**, SOME CLAY, LITTLE COARSE TO FINE SAND, TRACE FINE GRAVEL, MOIST.		W 867.1	5 7 7	21	100	SS-7	-	-	-	-	-	-	-	-	-	27	A-4b (V)	
			4 5 7	18	100	SS-8	3.50	1	2	9	63	25	21	16	5	18	A-4b (8)	
- QU @ 22.5'-23.0' = 1.5 tsf @ 9.95 % Strain					100	ST-9	-	2	6	10	59	23	23	18	5	19	A-4b (8)	
			5 6 7	19	39	SS-10	-	-	-	-	-	-	-	-	-	26	A-4b (V)	
	857.6																	
VERY STIFF TO HARD, BROWNISH GRAY **SANDY SILT**, SOME CLAY, LITTLE FINE GRAVEL, DAMP.			3 4 7	16	72	SS-11	2.50	-	-	-	-	-	-	-	-	16	A-4a (V)	
			8 10 13	34	72	SS-12	3.50	14	7	16	41	22	20	14	6	13	A-4a (6)	
			9 11 11	32	67	SS-13	4.50	-	-	-	-	-	-	-	-	13	A-4a (V)	
COBBLE AND BOULDER FROM 38.5' to 40'																		
	844.0		50/5"	-	60	SS-14	-	-	-	-	-	-	-	-	-	-	A-4a (V)	
AUGER REFUSAL @ 39.1'			0		72	NQ2-1											CORE	
DENSE, BROWNISH GRAY **SANDY SILT**																		
A changeover to rock coring techniques was made upon encountering auger refusal at 39.1' and coring was performed from 39.1' to 43.9'. Subsurface appeared to be soils and therefore auger was extended again until refusal encountered at a depth of 43.9'.			0		0	NQ2-2											CORE	
AUGER REFUSAL @ 43.9'	839.2	TR																
DOLOMITE : GRAY TO LIGHT BROWN, SLIGHTLY WEATHERED, MODERATELY STRONG TO VERY STRONG, VERY FINE GRAINED, THIN BEDDED, ARGILLACEOUS PARTINGS, HIGHLY FRACTURED TO MODEREATELY FRACTURED.			0		75	NQ2-3											CORE	
			15		100	NQ2-4											CORE	
-ESTIMATED UNAXIAL COMPRESSION @ 43.9'-45.2' = 29,998 PSI (FROM POINT LOAD INDEX TEST)																		
			28		100	NQ2-5											CORE	
	827.9	EOB																

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 16.0'. GROUNDWATER COULD NOT BE RECORDED DUE TO THE INFLUENCE OF WASH WATER ADDED DURING ROCK CORING.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: GROUTED WITH A MIXTURE OF CEMENT AND BENTONITE POWDER.

Preliminary Plans - For Reference Only

J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL007.dgn - 2/5/26 11:12 - User:jsmith - OH DOT GDT - 2/5/26 11:12 - User:jsmith - OH DOT GDT
400-23 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 11:12 - User:jsmith

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-008-0-25

MODEL: LOG PAPERSIZE: 34x22 (in.) DATE: 2/5/2026 TIME: 11:37:57 AM USER: juans
J:\GEOTECH\Geotech Connect Projects\2025\W-25-026 WAY-23-3.47\121424\400-Engineering\Geotechnical\Sheets\121424_ZL008.dgn

RESOURCE INTERNATIONAL, INC.

PROJECT: WYA-23-3.47	DRILLING FIRM / OPERATOR: RII / IS	DRILL RIG: CME 750X (310218)	STATION / OFFSET: 315+48 / 43' RT.	EXPLORATION ID B-009-0-25
TYPE: RETAINING WALL	SAMPLING FIRM / LOGGER: RII / MJ	HAMMER: AUTOMATIC	ALIGNMENT: CL SR 294	
PID: 121424 SFN: NA	DRILLING METHOD: 3.25" HSA	CALIBRATION DATE: 3/25/24	ELEVATION: 877.3 (ft) EOB: 27.5 ft.	PAGE 1 OF 1
START: 5/19/25 END: 5/19/25	SAMPLING METHOD: SPT	ENERGY RATIO (%): 87.9	LAT / LONG: 40.738447, -83.208977	

MATERIAL DESCRIPTION AND NOTES	ELEV. 877.3	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
0.5' - TOPSOIL (5.5")	876.8																	
HARD, BROWN **SILTY CLAY**, TRACE FINE GRAVEL, TRACE COARSE TO FINE SAND, DAMP.	871.8		4 5 7	18	89	SS-1	4.5+	-	-	-	-	-	-	-	-	19	A-6b (V)	
			6 12 13	37	100	SS-2	4.5+	-	-	-	-	-	-	-	-	20	A-6b (V)	
MEDIUM DENSE, BROWNISH GRAY **SANDY SILT**, TRACE CLAY, MOIST.	869.3	W	4 6 7	19	61	SS-3	-	-	-	-	-	-	-	-	-	22	A-4a (V)	
MEDIUM DENSE, GRAYISH BROWN **SILT**, LITTLE COARSE TO FINE SAND, LITTLE CLAY, TRACE FINE GRAVEL, WET.	862.3		3 6 7	19	100	SS-4	-	2	0	15	73	10	NP	NP	NP	21	A-4b (8)	
			2 4 6	15	86	SS-5	-	-	-	-	-	-	-	-	-	20	A-4b (V)	
			1 3 5	12	33	SS-6	-	-	-	-	-	-	-	-	-	17	A-4b (V)	
HARD, BROWNISH GRAY **SILT AND CLAY**, TRACE COARSE AND FINE SAND, TRACE FINE GRAVEL, DAMP. AUGER REFUSAL AT 27.5'	849.8	EOB	4 7 8	22	81	SS-7	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
			4 5 8	19	33	SS-8	4.5+	-	-	-	-	-	-	-	-	12	A-6a (V)	
			5 10 12	32	33	SS-9	4.5+	-	-	-	-	-	-	-	-	17	A-6a (V)	
			7 9 16	37	42	SS-10	4.5+	3	2	5	39	51	32	18	14	16	A-6a (10)	
			5 12 22	50	72	SS-11	4.5+	-	-	-	-	-	-	-	-	13	A-6a (V)	

NOTES: GROUNDWATER INITIALLY ENCOUNTERED @ 6.0'. GROUNDWATER WAS NOT ENCOUNTERED UPON COMPLETION. CAVE-IN DEPTH @ 10.1'.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH BENTONITE CHIPS AND SOIL CUTTINGS.

Preliminary Plans - For Reference Only

400-23 RII STA ODOT BORING LOG (11X17) - OH DOT GDT - 2/5/26 - 11:12 - U:\GI\PROJECTS\2025\W-25-026\GPJ

SHEET	SUBSET	PROJECT ID	REVIEWER	DESIGNER	DESIGN AGENCY
P 320 / TOTAL 323	32 / TOTAL 35	121424	AG MM-DD-YY	JAS	RESOURCE INTERNATIONAL, INC. 6500 PRESIDENTIAL GATEWAY COLUMBUS, OHIO 43231 (614) 823-4949

GEOTECHNICAL PROFILE - ROADWAY
BORING LOG B-009-0-25

Preliminary Plans - For Reference Only

Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

Photo No. 1 of 2

Boring: B-004-0-25

RC-1: 49.6’ to 53.2’
REC (%):78
RQD (%)0

RC-2: 53.2’ to 58.2’
REC (%):100
RQD (%):24

Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

Photo No. 2 of 2

Boring: B-004-0-25

RC-4: 58.2’ to 63.2’
REC (%):77
RQD (%):19

GEOTECHNICAL PROFILE - ROADWAY
ROCK CORE PHOTO FOR BORING B-004-0-25

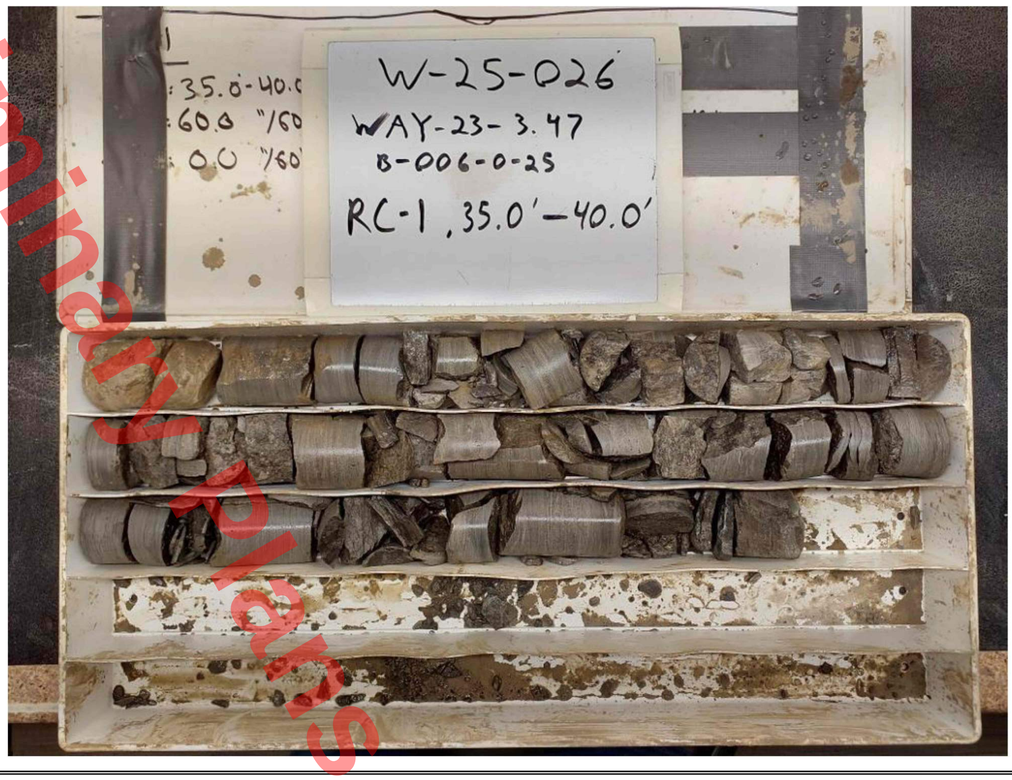
Preliminary Plans - For Reference Only

Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

Photo No. 1 of 2

Boring: B-006-0-25

RC-1: 35.0’ to 40.0’
REC (%):100
RQD (%): 0

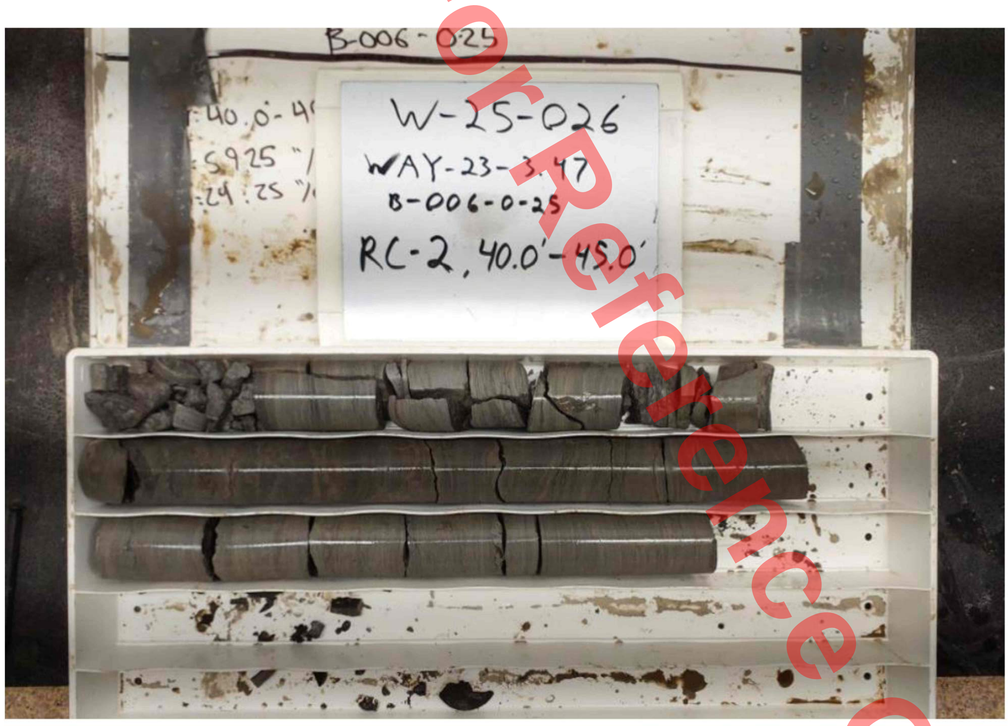


Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

Photo No. 2 of 2

Boring: B-006-0-25

RC-4: 40.0’ to 45.0’
REC (%):99
RQD (%):67



GEOTECHNICAL PROFILE - ROADWAY
ROCK CORE PHOTO FOR BORING B-006-0-25

Preliminary Plans - For Reference Only

Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

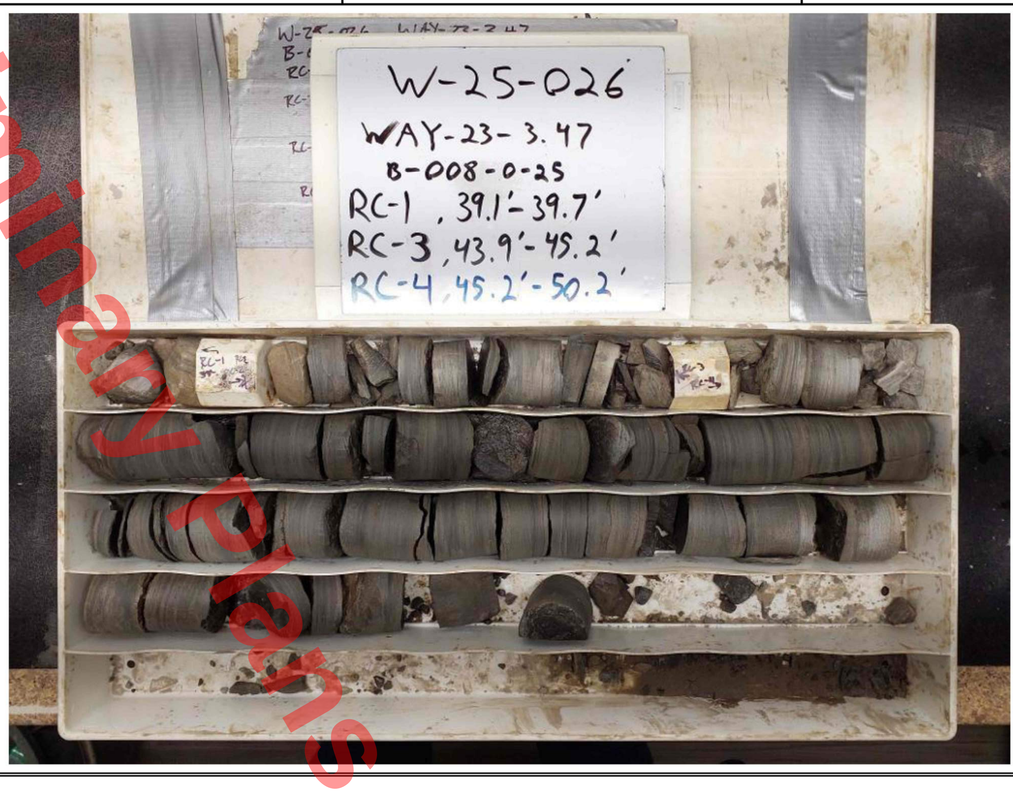
Photo No. 1 of 2

Boring: B-008-0-25

RC-1: 39.1' to 39.7'
REC (%):72
RQD (%): NA

RC-3: 43.9' to 45.2'
REC (%):75
RQD (%): 0

RC-4: 45.2' to 50.2'
REC (%):100
RQD (%):15



Project Name: WYA-23-3.47 Interchange Improvements	**Location:** Wyandot County, Ohio	**Project No.:** RII. W-25-026

Photo No. 2 of 2

Boring: B-008-0-25

RC-5: 50.2' to 55.2'
REC (%):100
RQD (%):28

GEOTECHNICAL PROFILE - ROADWAY
ROCK CORE PHOTO FOR BORING B-008-0-25