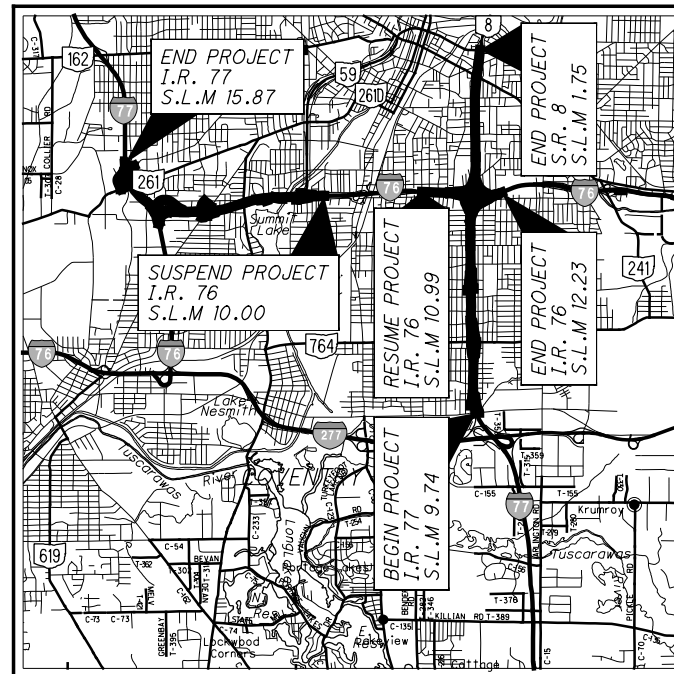
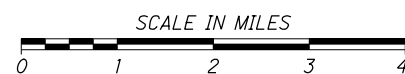




LOCATION MAP

LATITUDE: N 41° 03' 43" LONGITUDE: W 81° 30' 17"



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

DESIGN DESIGNATION

SEE ROADWAY PLANS

DESIGN EXCEPTIONS

SEE ROADWAY PLANS

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:



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
SUM-76-8.24
SUM-77-9.74
SUM-8-0.00
SUMMIT COUNTY
CITY OF AKRON

INDEX OF SHEETS:

TITLE SHEET

SUM-76-1180L - PHASING CHANGES (DRAFTING ONLY)

1
894-895
902-905
908-909
912-913
918
920-925
929-934

RECORD DRAWING PLANS

BU-10A - SUM-76-1180L PHASING REVISIONS

The undersigned hereby confirms that, to the best of their knowledge, all known field modifications made after the Released for Construction plans were sealed by the Designer are included in these drawings.

RSS JV

Signed:

Assistant Project Manager

Date:

7/7/2026

The undersigned hereby confirms that, to the best of their knowledge, all presented field changes have been included in the Record Drawings and the Designer concurs that the changes meet the design intent of the Contract.

Parsons Transportation Group, Inc.

Signed:

Fernando Rodriguez
Design Project Manager

Date:

July 12, 2026

[illegible]

PROJECT DESCRIPTION

THE AKRON CENTRAL INTERCHANGE PROJECT (PID 102329) INCLUDES RECONSTRUCTION OF IR-76 EB/WB PAVEMENT FROM SLM 11.05 (IR-76) TO SLM (IR-76) FOR APPROX. 1.16 MILES OF MAINLINE WORK. THIS PROJECT ALSO INCLUDES REPLACEMENT OF TWO FREEWAY STRUCTURES (RAMP N AND RAMP Q) ON NEW ALIGNMENTS, WIDENING OF TWO EXISTING BRIDGES (IR-76 EB OVER BROWN STREET AND IR-76 WB OVER INMAN STREET), CONSTRUCTION OF A NEW PEDESTRIAN/MULTI-USE OVERPASS SPANNING SR-8, AND CONSTRUCTION OF NOISE BARRIERS AT THE PERIMETER OF THE INTERCHANGE. PORTIONS OF SR-9, LANE O AND LANE S ARE TO BE RESURFACED. THE EXISTING IR-76 WB TO INMAN STREET AND IR-77 SB TO LOVERS LANE WILL BE REMOVED PERMANENTLY, AS WELL AS THE EXISTING LAFOLLETTE STREET BRIDGE OVER SR-8 (SUM-77-1184).

EAST AVENUE DESCRIPTION

THIS PORTION INCLUDES THE REPLACEMENT OF PORTIONS OF THE EXISTING PIER 2 FOR BRIDGE SUM-76-0876, EAST AVENUE OVER IR-76 (SFN 7703546).

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.

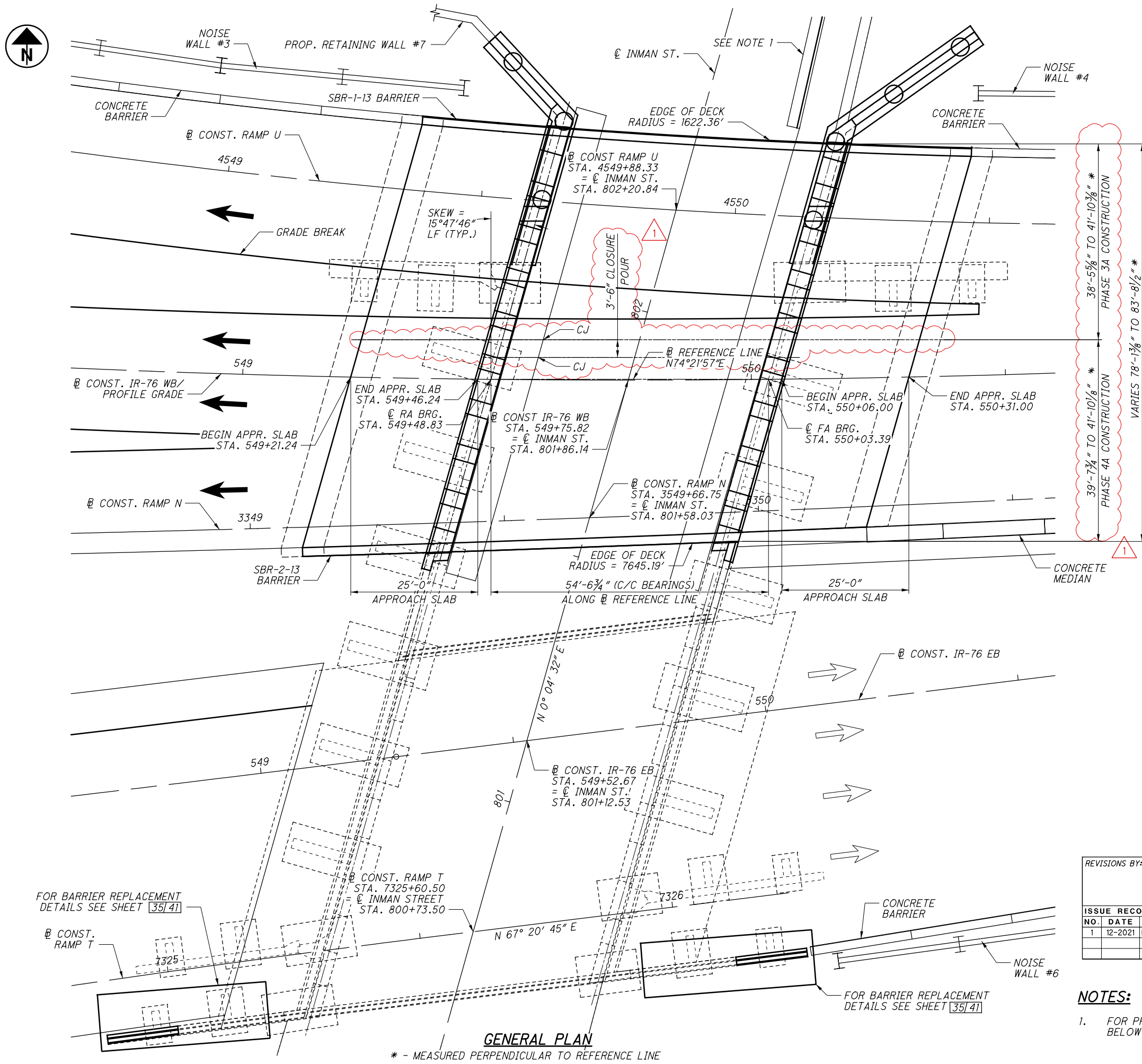
2019 SPECIFICATIONS

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.



BU-10A
SUM-76-1180L
PHASING REVISIONS

CADD revisions by Parsons to incorporate Construction Phasing changes.
Bridge designed by Mannik Smith Group.



FOR BARRIER REPLACEMENT
DETAILS SEE SHEET [35/41]

FOR BARRIER REPLACEMENT
DETAILS SEE SHEET [35/41]

GENERAL PLAN

* - MEASURED PERPENDICULAR TO REFERENCE LINE

REVISIONS BY:		
PARSONS 100 East Campus View Boulevard, Suite 250 Columbus, OH 43235		
ISSUE RECORD: BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

NOTES:

- FOR PROPOSED WORK ON INMAN STREET
BELOW BRIDGE SEE ROADWAY SHEETS.

2025-03-13 - BU-10A - RECORD DRAWING PLANS

1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537

GENERAL PLAN
SUM-76-1180L
IR-76 WESTBOUND OVER INMAN STREET

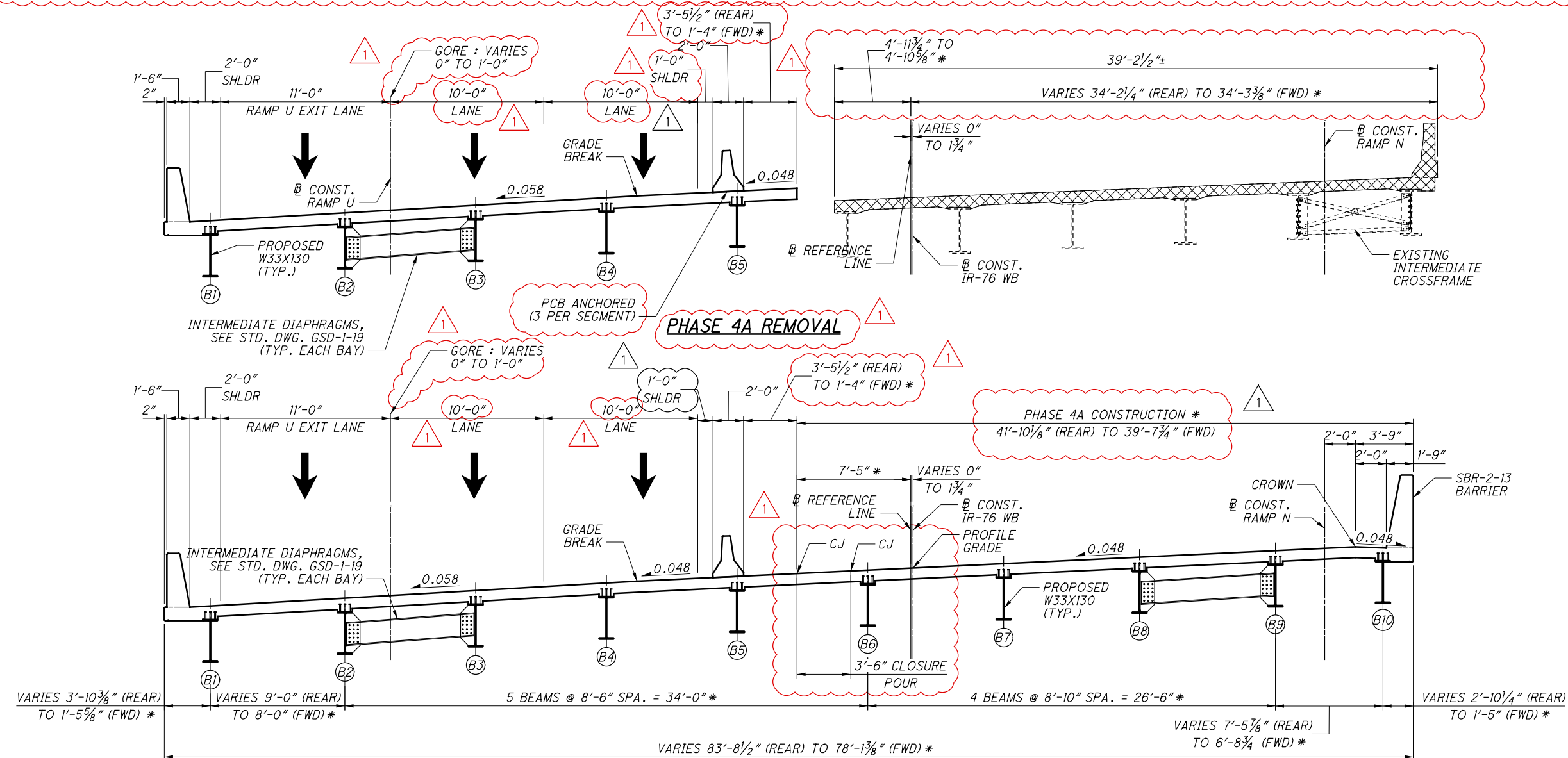
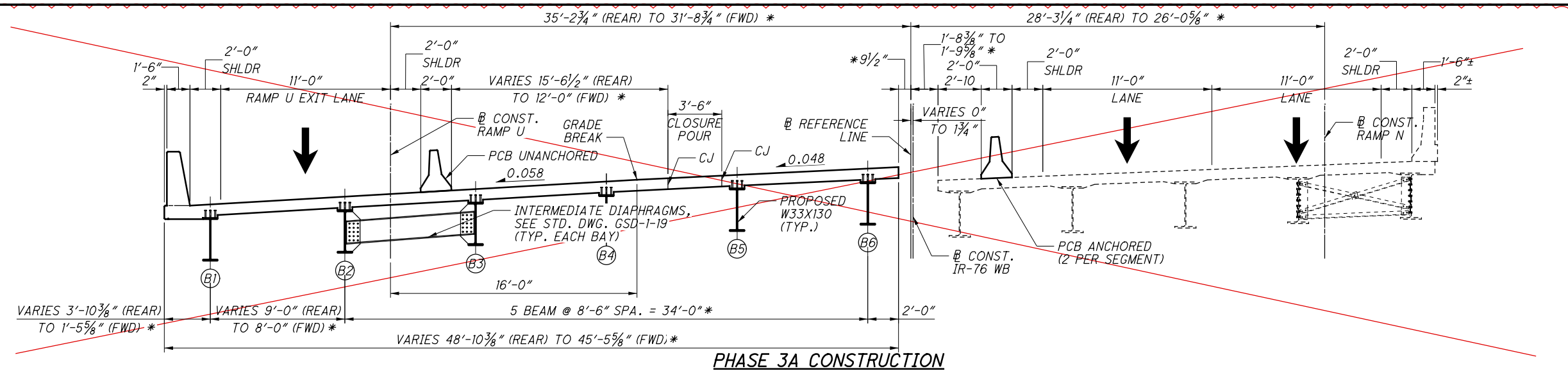
SUM-76/77/8
10.99/11.54/0.00
PID No. 101402

2 / 41

895
1022

DESIGNED	DRH	CHECKED	RUS
DRAWN	RJS	REVISED	
REVIEWED	RCH	STRUCTURE FILE NUMBER	7706154
DATE	04/16/20		

902	1022
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ISSUE RECORD: BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

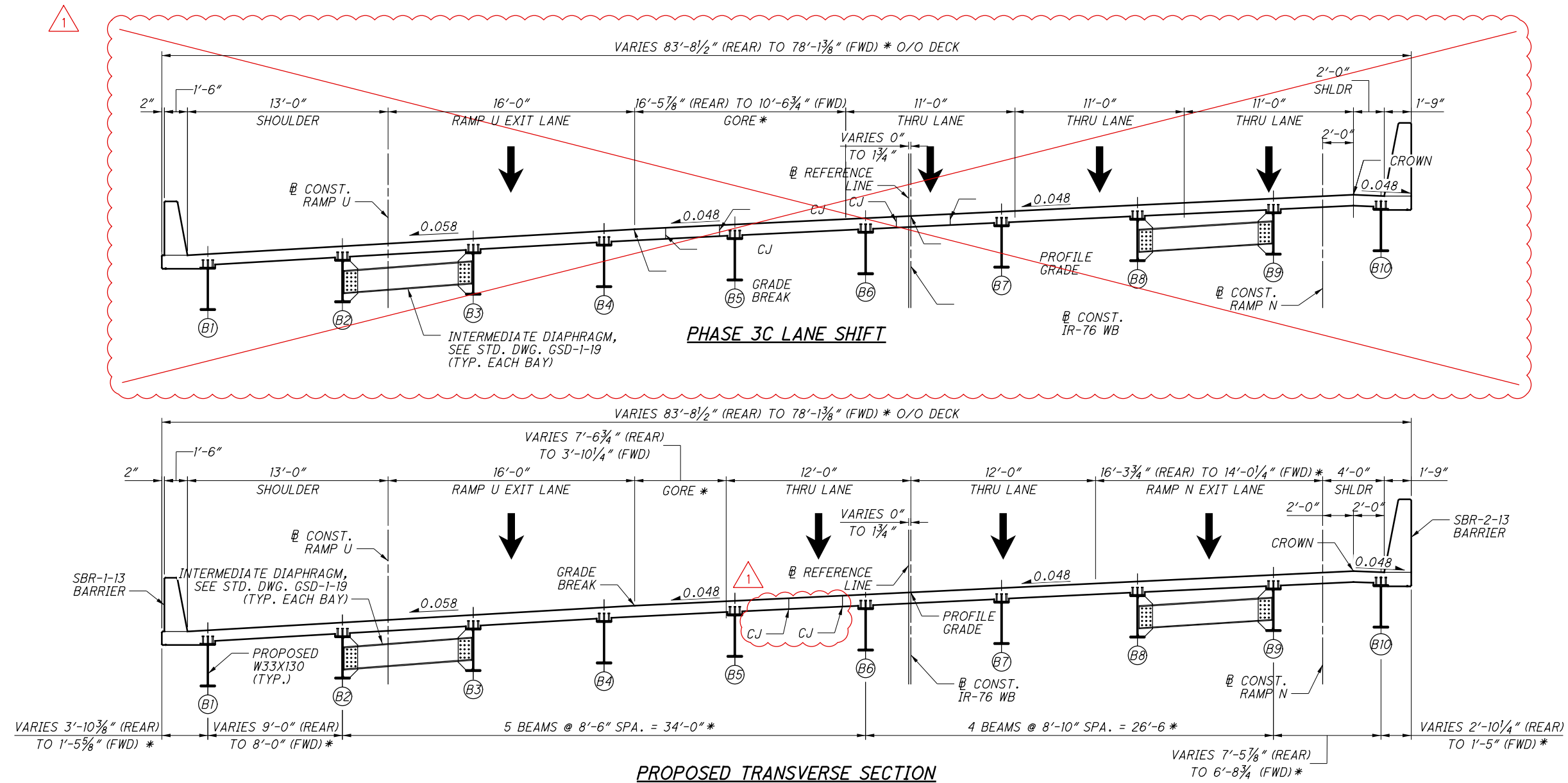
PHASE 4A CONSTRUCTION

LEGEND:

-  - INDICATES PORTION TO BE REMOVED
 * - MEASURED PERPENDICULAR TO B REFERENCE LINE

NOTES:

1. FOR ADDITIONAL PORTABLE CONCRETE BARRIER DETAILS, SEE ODOT STD. DWG. PCB-91.
2. ALL DIMENSIONS GIVEN MEASURED PERPENDICULAR TO ~~B~~ CONST. RAMPS OR IR-76 AND AT BRIDGE LIMITS, UNLESS SPECIFIED OTHERWISE.
3. APPROACH SLAB PHASE CONSTRUCTION SIMILAR. SEE SHEETS 36-37/41 FOR ADDITIONAL DETAILS.



REVIEWS BY:

PARSONS

100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

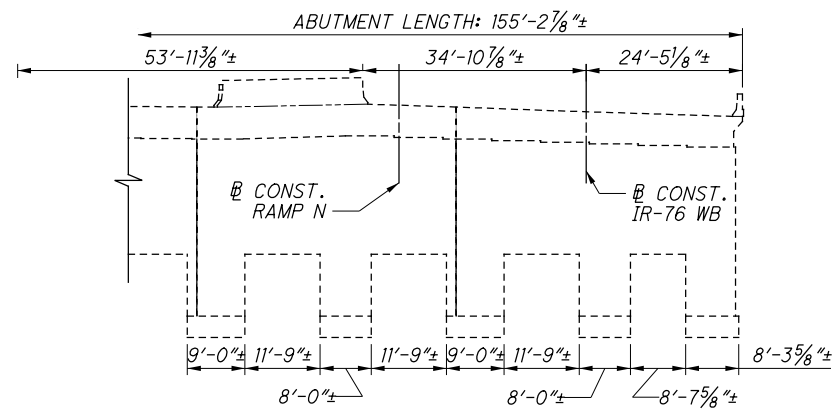
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NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

LEGEND:

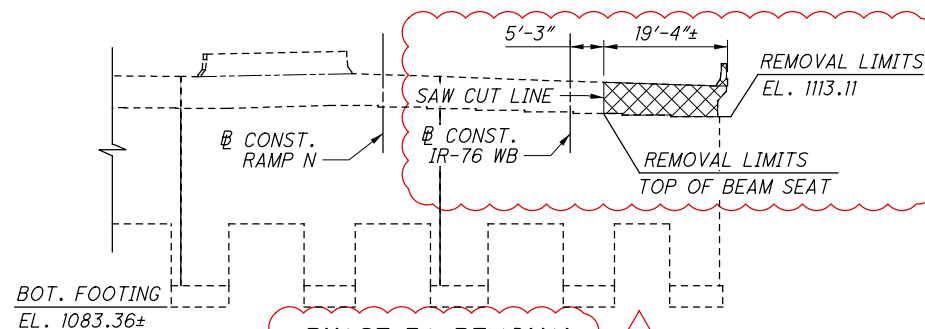
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NOTES:

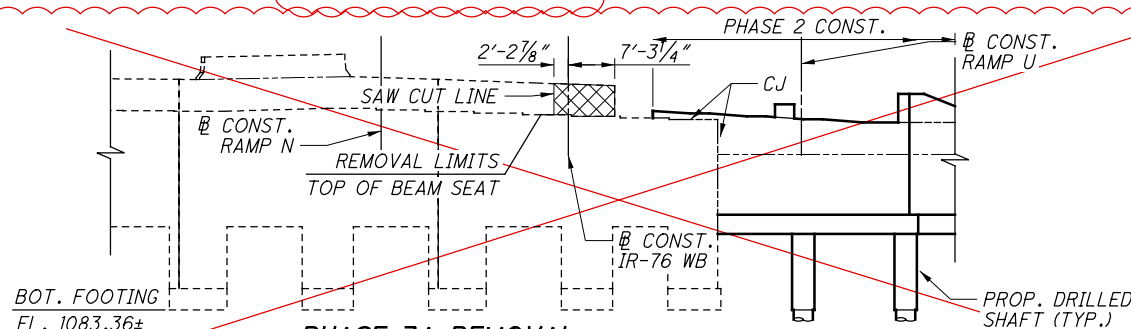
1. ALL DIMENSIONS GIVEN MEASURED PERPENDICULAR TO ~~B~~ CONST. RAMPS OR IR-76 AND AT BRIDGE LIMITS, UNLESS SPECIFIED OTHERWISE.
2. APPROACH SLAB PHASE CONSTRUCTION SIMILAR. SEE SHEETS 36-37 41 FOR ADDITIONAL DETAILS.



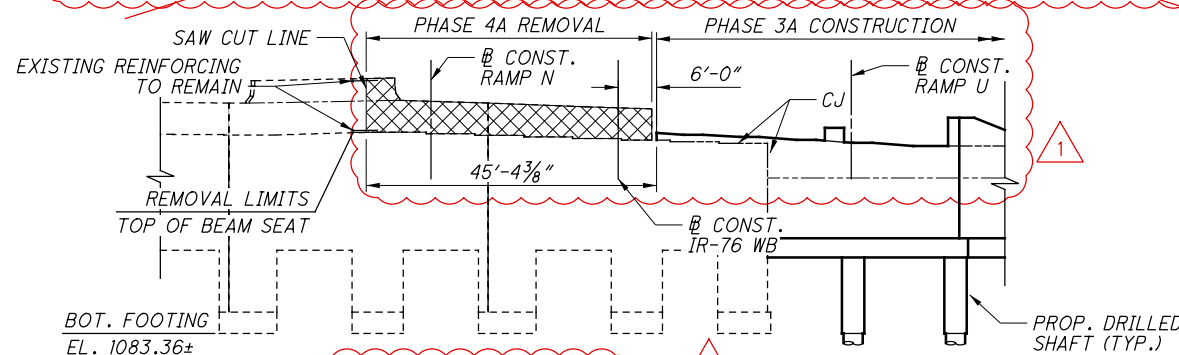
EXISTING REAR ABUTMENT



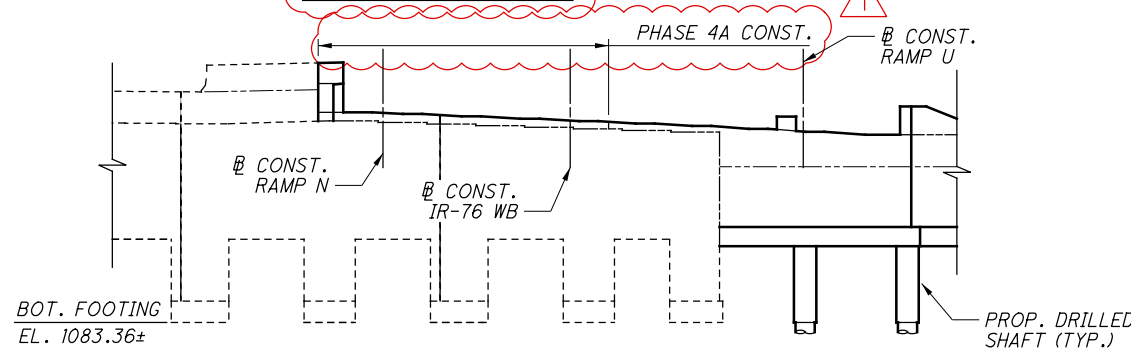
PHASE 3A REMOVAL



PHASE 3A REMOVAL



PHASE 4A REMOVAL



PROPOSED REAR ABUTMENT

LEGEND:

— DENOTES REMOVAL LIMITS

NOTES:

1. WINGWALL NOT SHOWN FOR CLARITY
2. SALVAGE EXISTING REINFORCING IN EXISTING ABUTMENT THAT IS TO CONTINUE INTO PROPOSED ABUTMENT.

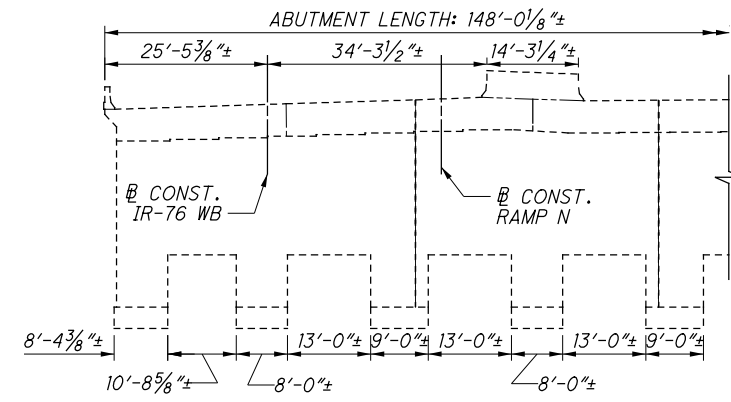
REVISIONS BY:

PARSONS

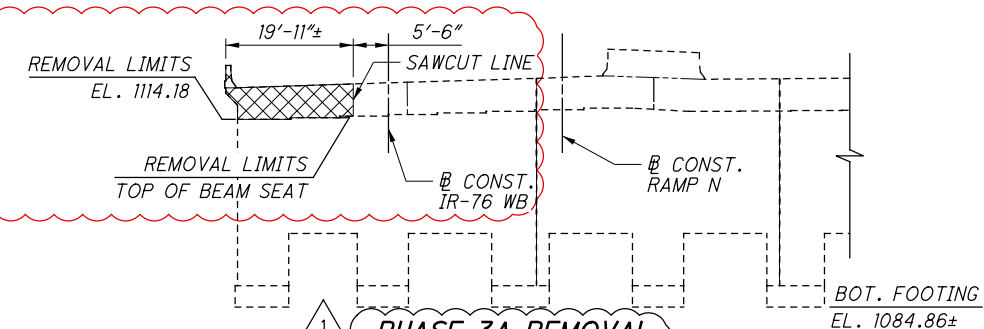
100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD: BRIDGE NO. SUM-76-1180L

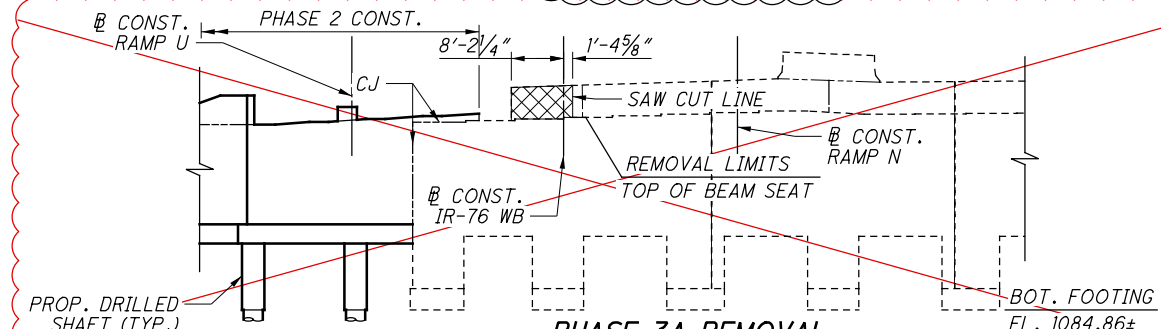
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)



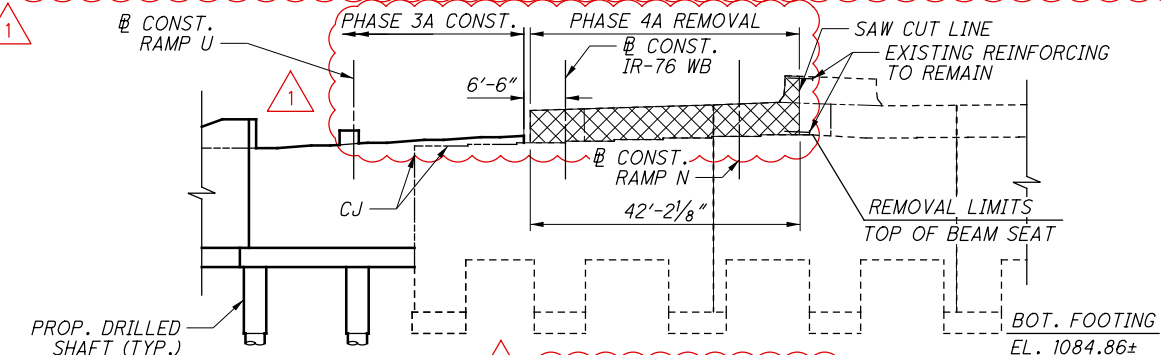
EXISTING FORWARD ABUTMENT



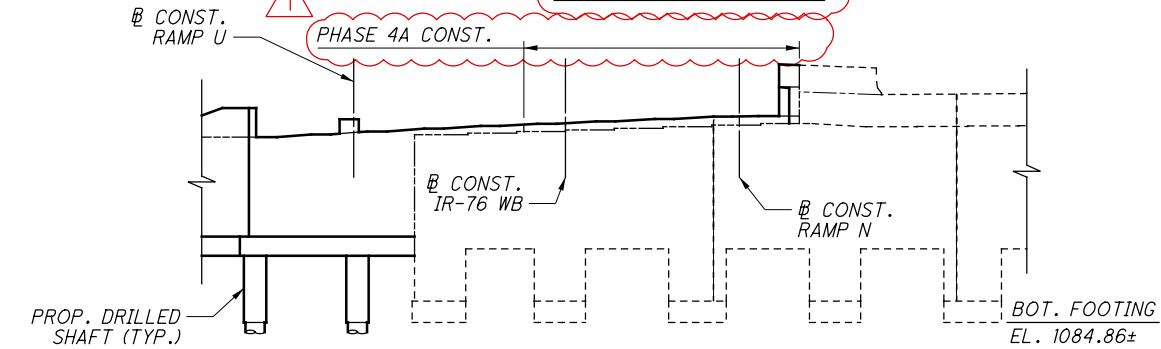
PHASE 3A REMOVAL



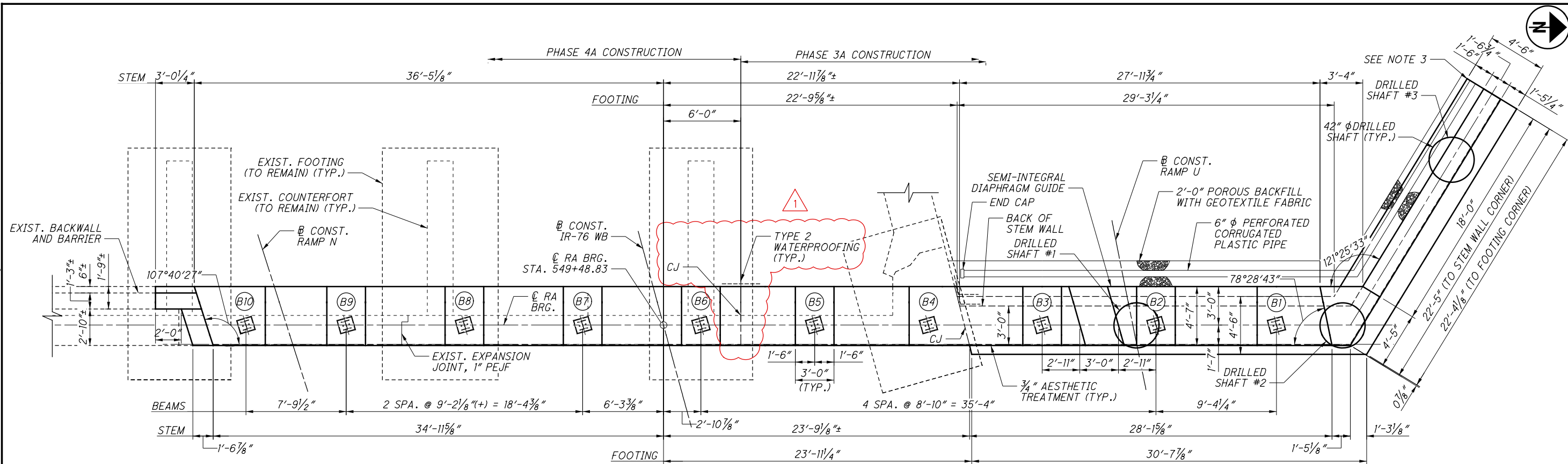
PHASE 3A REMOVAL



PHASE 4A REMOVAL



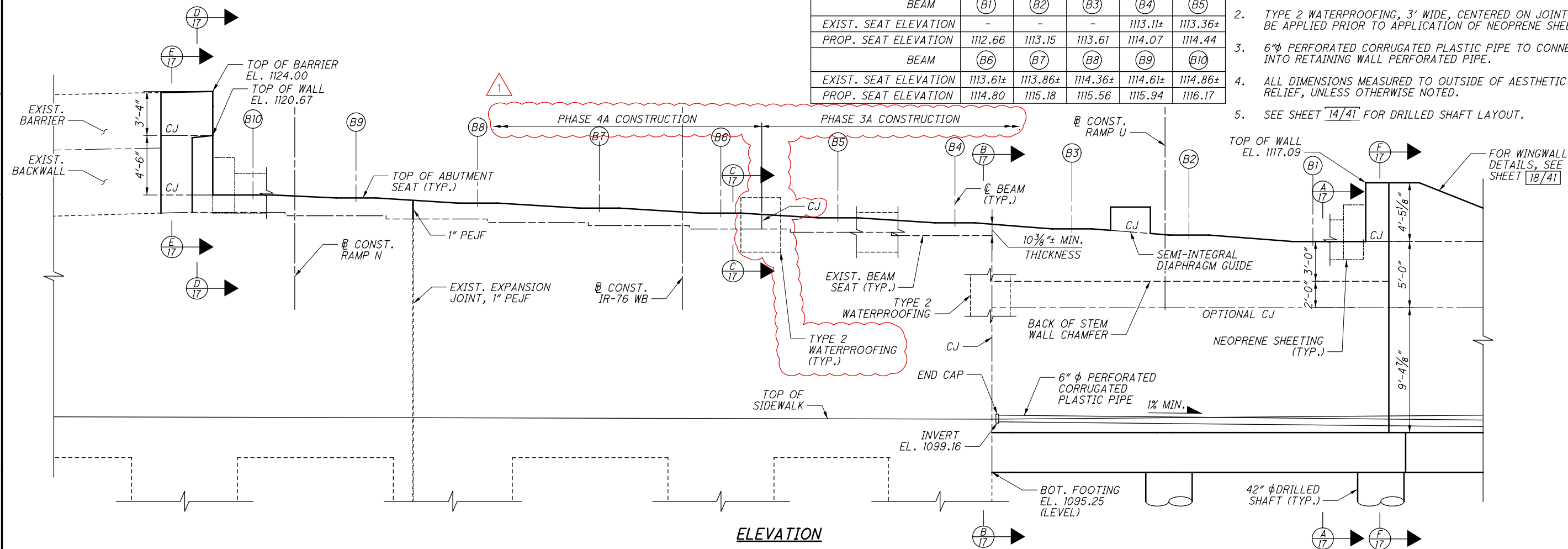
PROPOSED FORWARD ABUTMENT

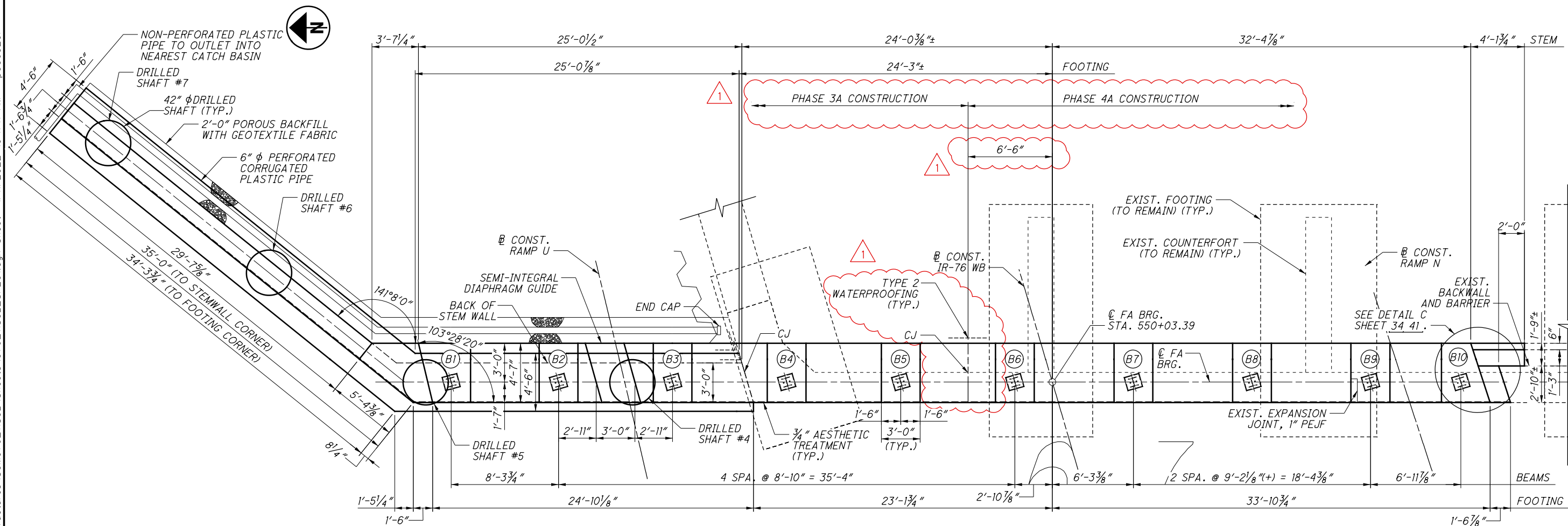


BEAM SEAT ELEVATIONS					
<i>BEAM</i>	(B1)	(B2)	(B3)	(B4)	(B5)
<i>EXIST. SEAT ELEVATION</i>	-	-	-	1113.11±	1113.36±
<i>PROP. SEAT ELEVATION</i>	1112.66	1113.15	1113.61	1114.07	1114.44

<i>BEAM</i>	(B6)	(B7)	(B8)	(B9)	(B10)
<i>EXIST. SEAT ELEVATION</i>	1113.61±	1113.86±	1114.36±	1114.61±	1114.86±
<i>PROP. SEAT ELEVATION</i>	1114.80	1115.18	1115.56	1115.94	1116.17

- NOTES:**
1. SEE ODOT STD. DWG. SICD-2-14 FOR ADDITIONAL SEMI-INTEGRAL DIAPHRAGM GUIDE DETAILS.
 2. TYPE 2 WATERPROOFING, 3' WIDE, CENTERED ON JOINT SHALL BE APPLIED PRIOR TO APPLICATION OF NEOPRENE SHEETING.
 3. 6"Ø PERFORATED CORRUGATED PLASTIC PIPE TO CONNECT INTO RETAINING WALL PERFORATED PIPE.
 4. ALL DIMENSIONS MEASURED TO OUTSIDE OF AESTHETIC RELIEF, UNLESS OTHERWISE NOTED.
 5. SEE SHEET 14/41 FOR DRILLED SHAFT LAYOUT.





BEAM SEAT ELEVATIONS					
<i>BEAM</i>	(B1)	(B2)	(B3)	(B4)	(B5)
<i>EXIST. SEAT ELEVATION</i>	-	-	-	1114.18±	1114.43±
<i>PROP. SEAT ELEVATION</i>	1113.82	1114.24	1114.69	1115.14	1115.54
<i>BEAM</i>	(B6)	(B7)	(B8)	(B9)	(B10)
<i>EXIST. SEAT ELEVATION</i>	1114.68±	1114.93±	1115.44±	1115.69±	1115.94±
<i>PROP. SEAT ELEVATION</i>	1115.90	1116.27	1116.64	1117.01	1117.11

FOR WINGWALL
DETAILS, SEE
22/41 SHEET

REVISONS BY:

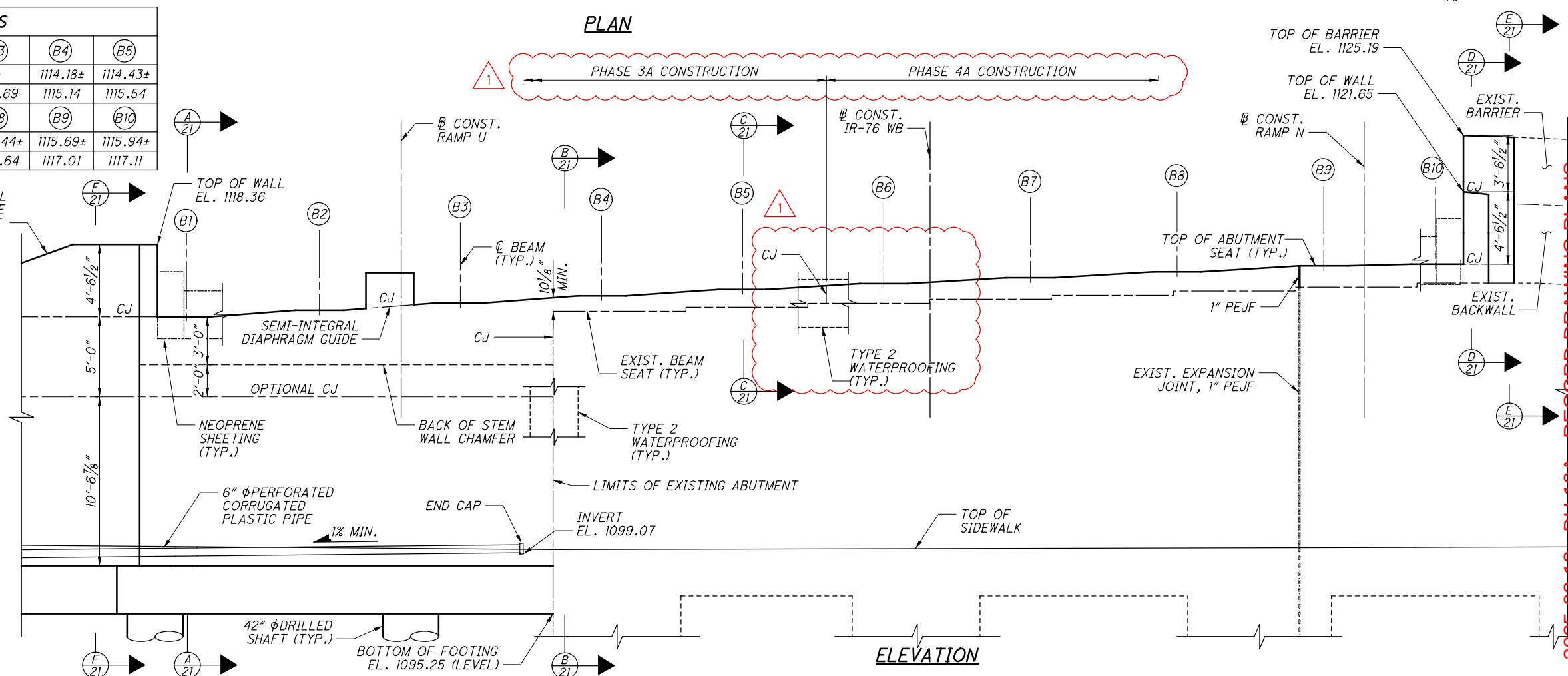
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ISSUE RECORD - BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

NOTES:

1. SEE ODOT STD. DWG. SICD-2-14 FOR ADDITIONAL SEMI-INTEGRAL DIAPHRAGM GUIDE DETAILS.
2. TYPE 2 WATERPROOFING, 3' WIDE, CENTERED ON JOINT SHALL BE APPLIED PRIOR TO APPLICATION OF NEOPRENE SHEETING.
3. ALL DIMENSIONS MEASURED TO OUTSIDE OF AESTHETIC RELIEF, UNLESS OTHERWISE NOTED.
4. SEE SHEET 22 41 FOR DRILLED SHAFT LAYOUT.





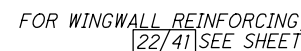
1. DOWEL BARS: SEE DOWEL LAYOUT DETAIL ON SHEET 21/41
2. REINFORCING SPLICE LENGTHS SHALL BE UNLESS SPECIFIED OTHERWISE AS NOTED:

#5 - 2'-5"

#8 - 6'-10"

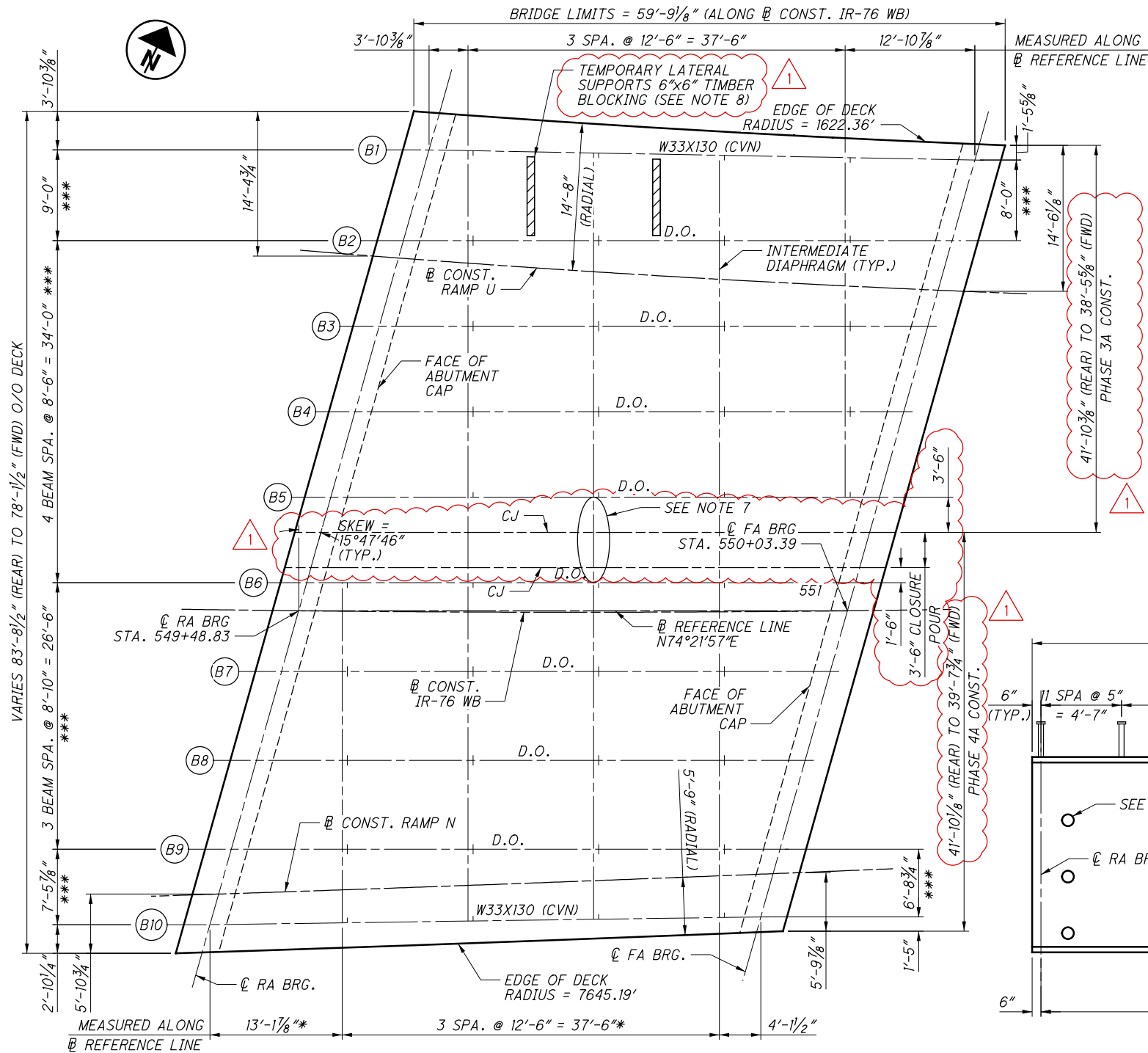
#9 - 8'-1"
3. FOR ADDITIONAL DETAILS, SEE ODOT STD. DWG. SICD-1-96.
4. MINIMUM DIAMETER OF DOWEL HOLES, SHALL BE PER MANUFACTURER RECOMMENDATION.

(ABUTMENT STEM WALL REINFORCING SHOWN ONLY)



ELEVATION

PARSONS



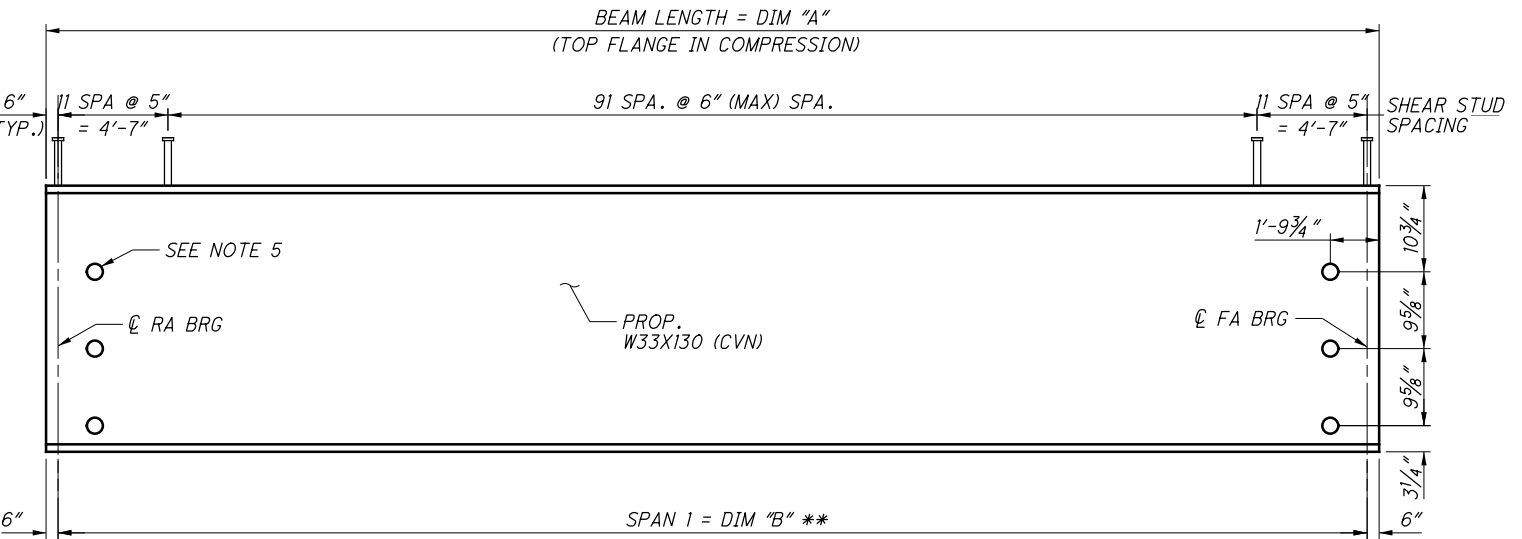
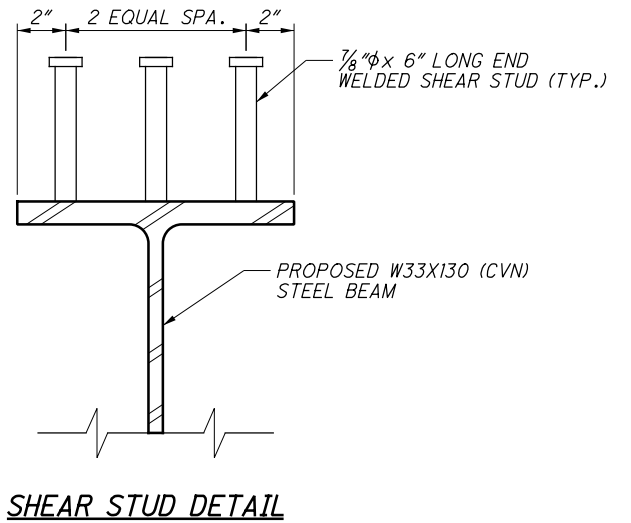
FRAMING PLAN

NOTES:

- FOR CAMBER DETAILS, SEE SHEET 26/41.
- WELD ATTACHMENTS OF SUPPORTS FOR CONCRETE DECK FINISHING MACHINE TO AREAS ON THE FASCIA BEAM FLANGES DESIGNATED "COMPRESSION." FILLET WELDS TO COMPRESSION FLANGES SHALL BE AT LEAST 1 INCH FROM THE EDGE OF FLANGE, BE NO MORE THAN 2" LONG AND BE AT LEAST 1/4 INCH FOR THICKNESSES UP TO 3/4 INCH OR 5/8 INCH FOR GREATER THAN 3/4 INCH THICK.
- CVN: WHERE A SHAPE OR PLATE IS DESIGNATED (CVN) FURNISH MATERIAL THAT MEETS MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN 711.01.
- INTERMEDIATE DIAPHRAGMS SHALL BE AS PER ODOT STD. DWG. GSD-1-19.
- 2"Ø HOLES, INCLUDED WITH ITEM 513, STRUCTURAL STEEL MEMBERS FOR PAYMENT. SEE DETAIL B ON SHEET 31-32/41.
- SEE GENERAL NOTES SHEET 4, 41 FOR COATING REQUIREMENTS.

- DO NOT PERMANENTLY ATTACH DIAPHRAGMS BETWEEN BEAMS "B5" AND "B6" UNTIL THE PHASE 4A CONCRETE DECK OUTSIDE OF THE CLOSURE POUR HAS BEEN CURED. PERMANENTLY ATTACH DIAPHRAGMS PRIOR TO PERFORMING CLOSURE POUR.
- TEMPORARY LATERAL SUPPORTS COMPRISED OF 6" x 6" TIMBER BLOCKING WEDGED BETWEEN THE BEAMS ON TOP OF THE BOTTOM FLANGE SHALL BE PLACED BETWEEN BEAMS "B1" AND "B2" WHERE THE PROPOSED OVERHANG IS GREATER THAN 2'-6". PLACE SUPPORTS AT 1/2 POINTS BETWEEN PROPOSED DIAPHRAGMS. TEMPORARY SUPPORTS SHALL BE PLACED PRIOR TO THE PHASE 2 DECK POUR AND CAN BE REMOVED AFTER THE DECK HAS CURED.

BEAM DIMENSIONS		
	DIM "A"	DIM "B"
BEAM B1	55'-3 7/16"	54'-3 7/16"
BEAM B2	55'-6 3/4"	54'-6 3/4"
BEAM B3	55'-6 3/4"	54'-6 3/4"
BEAM B4	55'-6 3/4"	54'-6 3/4"
BEAM B5	55'-6 3/4"	54'-6 3/4"
BEAM B6	55'-6 3/4"	54'-6 3/4"
BEAM B7	55'-6 3/4"	54'-6 3/4"
BEAM B8	55'-6 3/4"	54'-6 3/4"
BEAM B9	55'-6 3/4"	54'-6 3/4"
BEAM B10	55'-9 3/8"	54'-9 3/8"



TYPICAL BEAM ELEVATION

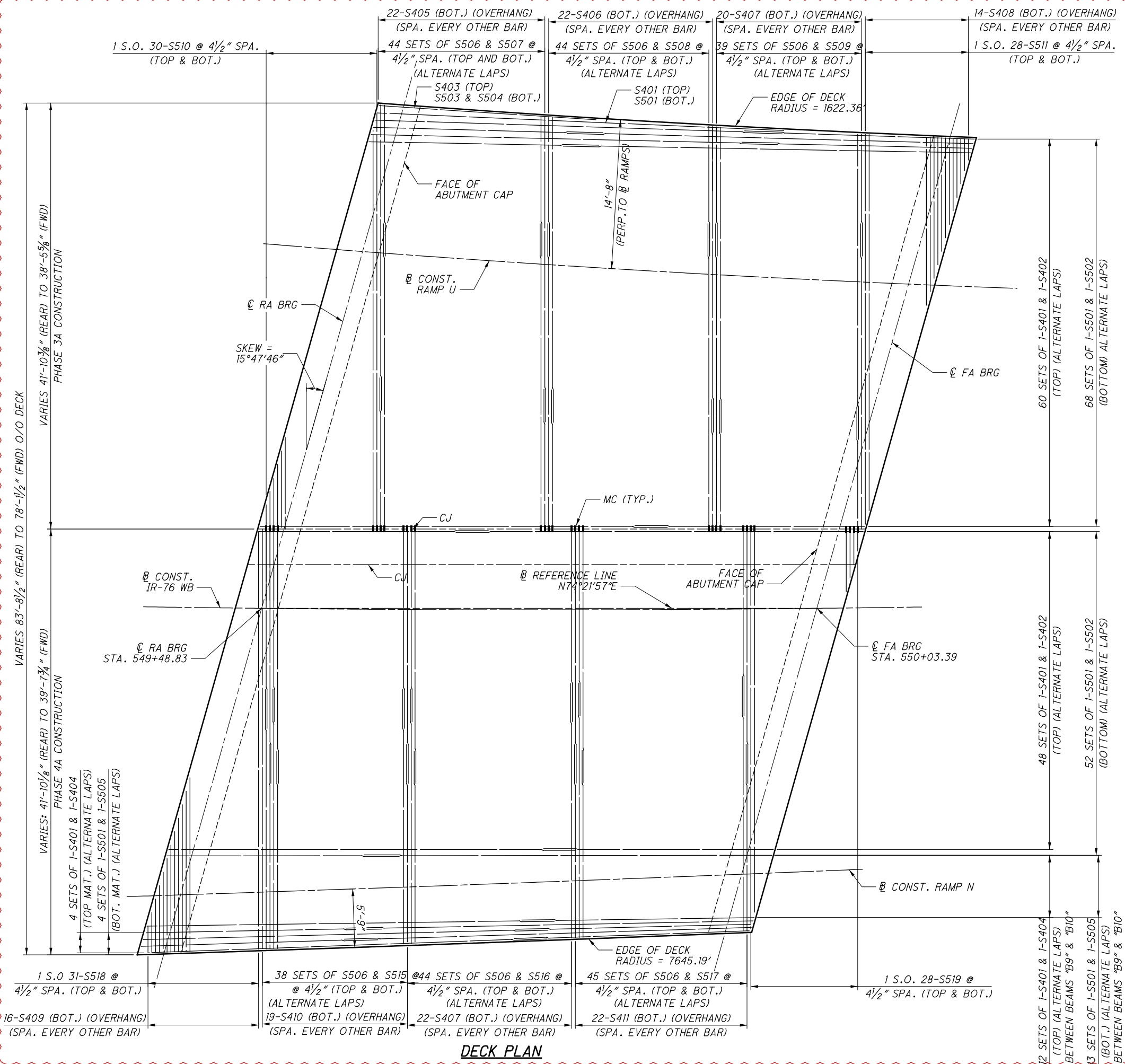
REVISIONS BY:		
PARSONS 100 East Campus View Boulevard, Suite 250 Columbus, OH 43235		
ISSUE RECORD: BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

LEGEND:

- * - MEASURED ALONG $\varnothing$ REFERENCE LINE
- ** - MEASURED ALONG $\varnothing$ BEAM
- *** - MEASURED PERPENDICULAR TO $\varnothing$ REFERENCE LINE

1

p:\V\ANV\A01P\WINT01\parsons.com\Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Structures\SUM076_1180L\SD201.dgn Sheet 1/11/2022 10:12:32 AM p0069201



DECK PLAN



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ISSUE RECORD: BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

- NOTES:**
- FOR FRAMING PLAN, SEE SHEET 25/41 .
 - FOR BARRIER DETAILS, SEE SHEET 33-34/41 .
 - FOR ADDITIONAL INTERMEDIATE DIAPHRAGM DETAILS, SEE ODOT STANDARD DRAWING GSD-1-19.
 - REINFORCING LAP LENGTHS SHALL BE AS FOLLOWS, UNLESS SPECIFIED OTHERWISE:
#4 - 2'-9"
#5 - 3'-2"
 - DECK SLAB CONCRETE QUANTITY: THE ESTIMATED QUANTITY OF DECK SLAB CONCRETE IS BASED ON THE CONSTANT DECK SLAB THICKNESS, AS SHOWN, PLUS THE QUANTITY OF THE CONCRETE THAT FORMS EACH BEAM HAUNCH. THE ESTIMATE ASSUMES A CONSTANT HAUNCH THICKNESS OF 2 7/8" AND CONSTANT HAUNCH WIDTH EQUAL TO THE EDGE OF EACH FLANGE. DEVIATE FROM THIS HAUNCH THICKNESS AS NECESSARY TO PLACE THE DECK SURFACE AT THE FINISHED GRADE.

THE HAUNCH THICKNESS WAS MEASURED AT THE CENTERLINE OF THE BEAM, FROM THE SURFACE OF THE DECK TO THE BOTTOM OF TOP FLANGE MINUS THE DECK SLAB THICKNESS. THE AREA OF ALL EMBEDDED STEEL PLATES HAS BEEN DEDUCTED FROM THE HAUNCH QUANTITY IN ACCORDANCE WITH 511.23.
 - DO NOT PERMANENTLY ATTACH DIAPHRAGMS BETWEEN BEAMS "B5" AND "B6" UNTIL THE PHASE 4A CONCRETE DECK OUTSIDE OF THE CLOSURE POUR HAS BEEN CURED. PERMANENTLY ATTACH DIAPHRAGMS PRIOR TO PERFORMING CLOSURE POUR.

2025-03-13 - BU-10A - RECORD DRAWING PLANS

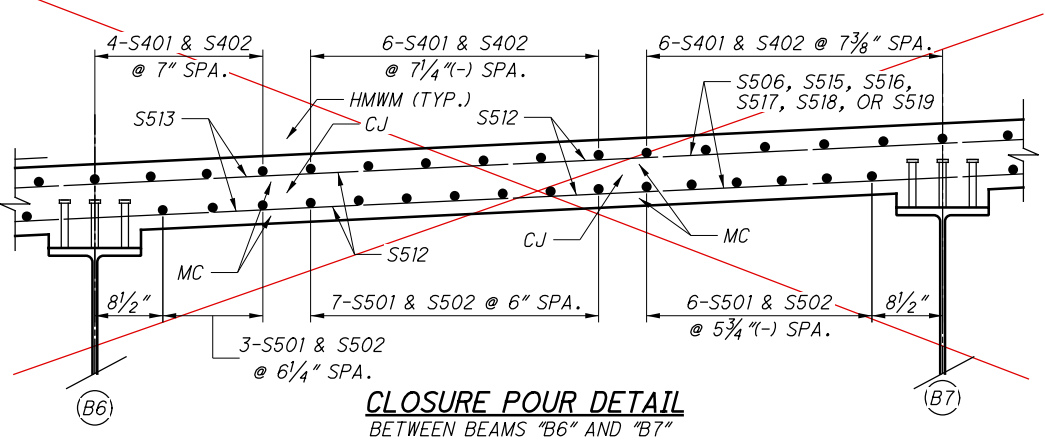
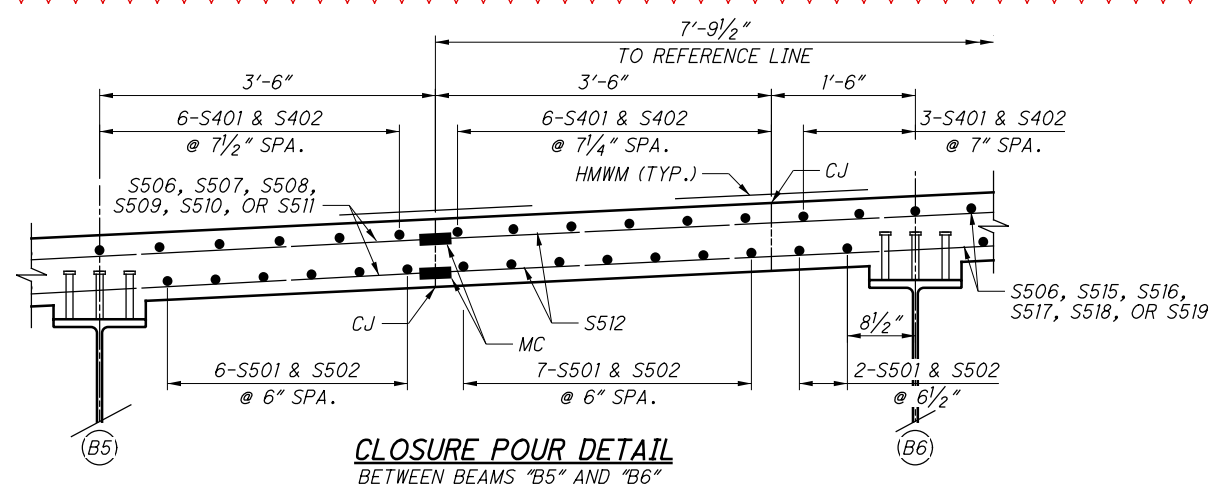
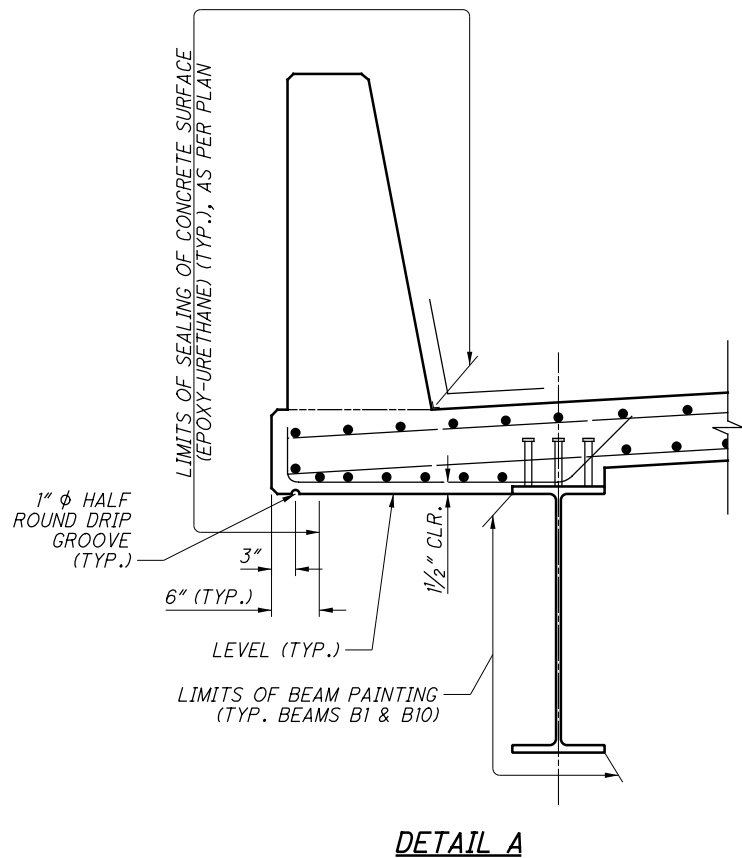
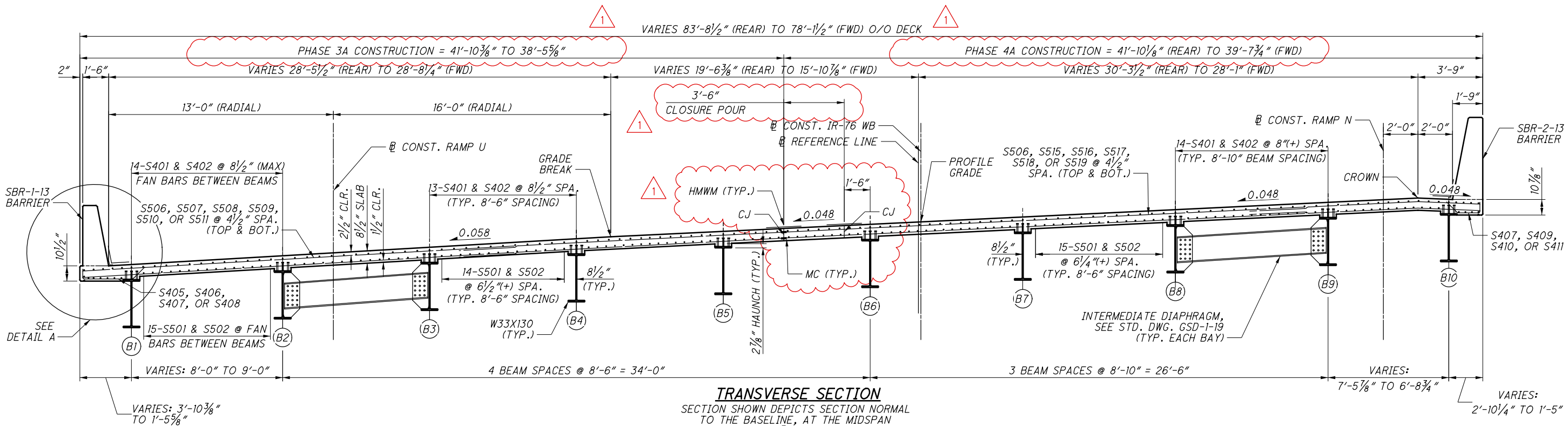
DECK PLAN
SUM-76-1180L
IR-76 WESTBOUND OVER INMAN STREET

SUM-76 / 77 / 8
10.99 / 11.54 / 0.00
PID No. 101402

27 / 41
920
1022

Mannik Smith GROUP
1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537

DESIGNED	DRH	CHECKED	RUS
DRAWN	DRH	REVISED	
REVIEWED	RCH	STRUCTURE FILE NUMBER	7706154
DATE	04/16/20		

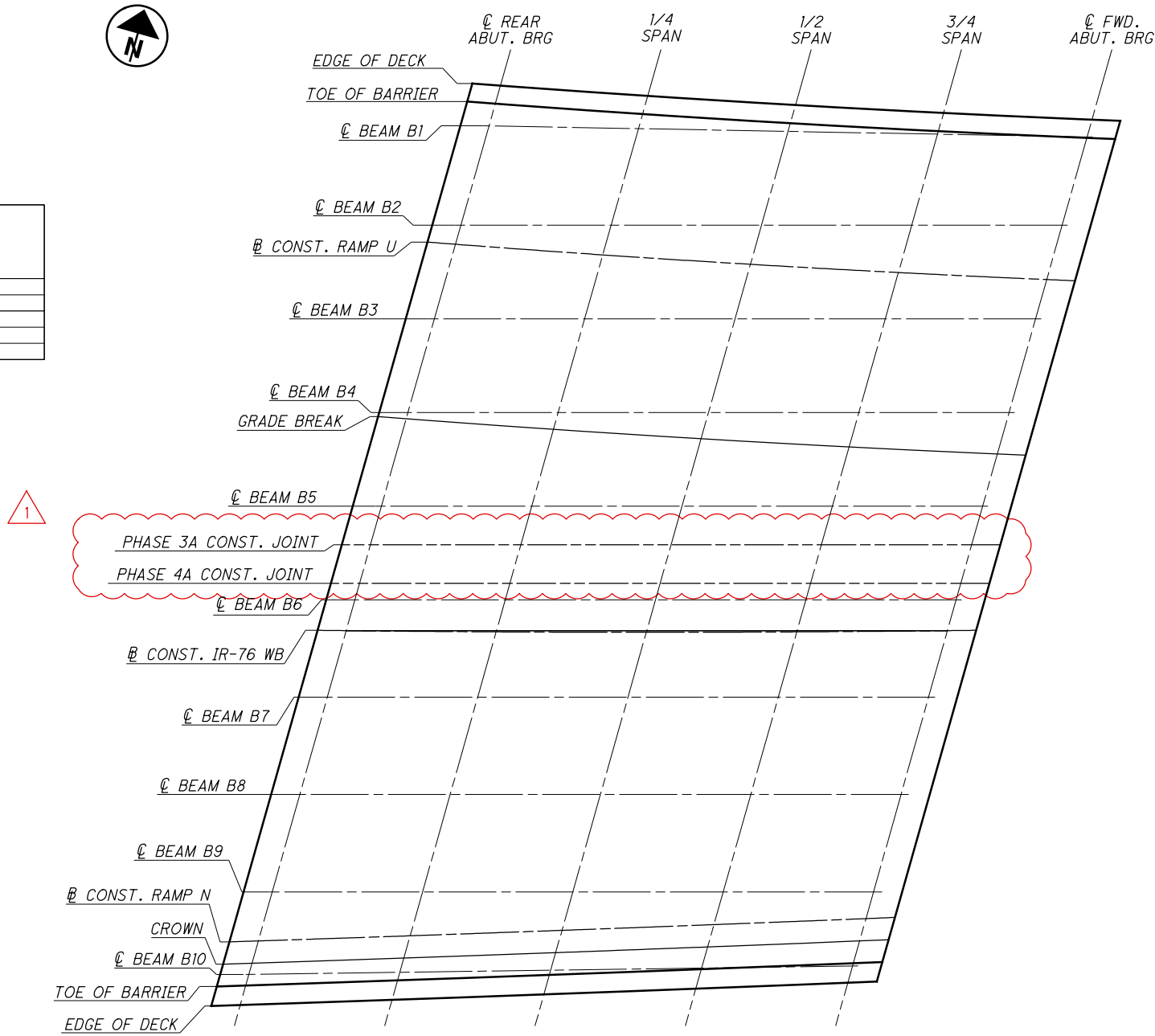


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PARSONS 100 East Campus View Boulevard, Suite 250 Columbus, OH 43235		
ISSUE	RECORD	BRIDGE NO. SUM-76-1180L
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

- NOTES:**
- FOR DECK PLAN, SEE SHEET 27 41.
 - FOR BARRIER DETAILS, SEE SHEETS 33-35 41.
 - FOR ADDITIONAL NOTES, SEE SHEET 27 41.
 - BOLT HOLES SHALL BE $1\frac{1}{16}"$ $\varnothing$ IN THE CROSSFRAME CONNECTION PLATES AND $1\frac{1}{16}"$ $\varnothing$ IN THE DIAPHRAGMS DUE TO GALVANIZING OR METALIZING.

p:\V\ANV\A01PW\INT01\parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Structures\SUM076_1180L\Sheets\076_1180L_SS203.dgn Sheet 1/11/2022 10:13:29 AM p006920F

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ISSUE RECORD: BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)



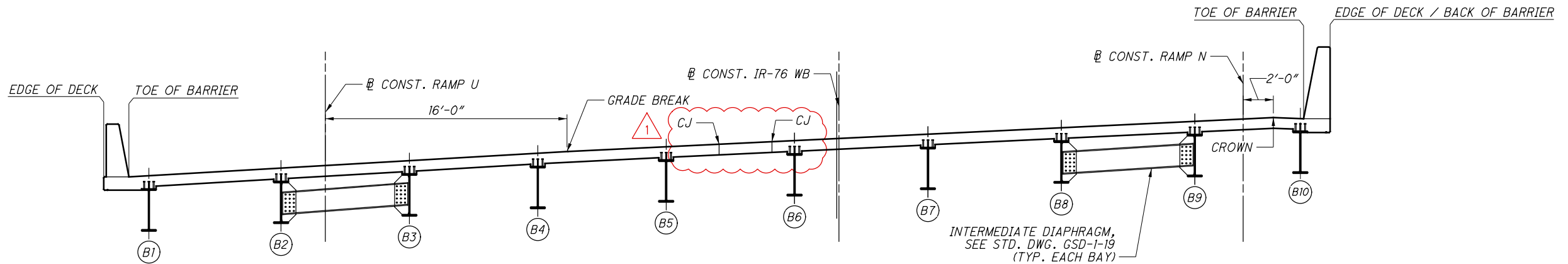
PLAN

LEGEND:

(B#) - BEAM DESIGNATION

NOTES:

- SEE SHEET 30'41' FOR SCREED, TOP OF HAUNCH, AND FINAL DECK ELEVATIONS.



TRANSVERSE SECTION

2025-03-13 - BU-10A - RECORD DRAWING PLANS

SUM-76 / 77 / 8
10.99 / 11.54 / 0.00
PID No. 101402

29 / 41

922
1022

KEY PLAN
SUM-76-1180L
IR-76 WESTBOUND OVER INMAN STREET

DESIGNED
DRH

CHECKED
RUS

DRAWN
NKM

REVISED

REVIEWED
RCH

STRUCTURE FILE NUMBER
7706154

DATE
04/16/20

MAJOR
7706154

Mannik
Smith
GROUP
1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537

REVISIONS BY:



100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD: BRIDGE NO. SUM-76-1180L

NO. DATE PHASE CHANGE (DRAFTING ONLY)

1 12-2021 PHASE CHANGE (DRAFTING ONLY)

p:\w\1\ANV\A01PW\NT01\parsons.com\Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Structures\SUM076_1180L\Sheets\076_1180L_SS205.dgn Sheet 1/11/2022 10:13:54 AM p006920F

1

SCREED ELEVATIONS (FT.)	REAR ABUT. CL BRG			SPAN									FWD. ABUT. CL BRG.		
	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET
EDGE OF DECK	549+62.56	1117.09	49.58 LT	549+76.20	1117.48	48.67 LT	549+89.86	1117.81	47.81 LT	550+03.50	1118.11	46.82 LT	550+17.26	1118.36	46.19 LT
TOE OF BARRIER	549+62.10	1117.09	47.94 LT	549+75.73	1117.48	47.03 LT	549+89.38	1117.81	46.17 LT	550+03.06	1118.11	45.34 LT	550+16.75	1118.36	44.55 LT
BL CONSTRUCTION RAMP U	549+58.51	1117.79	35.15 LT	549+72.06	1118.15	34.24 LT	549+85.64	1118.49	33.37 LT	549+99.24	1118.78	32.54 LT	550+12.86	1119.04	31.75 LT
GRADE BREAK LINE	549+54.14	1118.64	19.41 LT	549+67.61	1119.00	18.50 LT	549+81.09	1119.34	17.63 LT	549+94.60	1119.63	16.79 LT	550+08.13	1119.88	15.99 LT
PHASE 3A CONSTRUCTION JOINT	549+50.96	1119.13	7.82 LT	549+64.64	1119.45	7.91 LT	549+78.32	1119.76	7.94 LT	549+92.00	1120.01	7.89 LT	550+05.69	1120.23	7.77 LT
PHASE 4A CONSTRUCTION JOINT	549+50.00	1119.28	4.31 LT	549+63.66	1119.60	4.41 LT	549+77.33	1119.90	4.44 LT	549+90.99	1120.16	4.40 LT	550+04.65	1120.38	4.28 LT
PHASE 3A CONSTRUCTION JOINT #1	549+49.05	1119.43	0.79 LT	549+62.69	1119.75	0.90 LT	549+76.33	1120.04	0.94 LT	549+89.98	1120.30	0.90 LT	550+03.62	1120.52	0.79 LT
IR-76 REFERENCE CHORD	549+48.83	1119.46	0.00 RT	549+62.47	1119.78	0.11 LT	549+76.11	1120.08	0.15 LT	549+89.75	1120.33	0.11 LT	550+03.39	1120.55	0.00 RT
BL CONSTRUCTION IR-76 WESTBOUND	549+48.83	1119.46	0.00 RT	549+62.44	1119.79	0.00 RT	549+76.07	1120.08	0.00 RT	549+89.72	1120.33	0.00 RT	550+03.39	1120.55	0.00 RT
PHASE 3A CONSTRUCTION JOINT #2	549+48.09	1119.58	2.72 RT	549+61.72	1119.90	2.60 RT	549+75.35	1120.19	2.56 RT	549+88.97	1120.44	2.59 RT	550+02.60	1120.67	2.70 RT
BL CONSTRUCTION RAMP N	549+41.25	1120.67	28.25 RT	549+54.87	1120.96	27.63 RT	549+68.50	1121.23	27.06 RT	549+82.14	1121.46	26.54 RT	549+95.80	1121.65	26.06 RT
CROWN LINE	549+40.71	1120.75	30.28 RT	549+54.32	1121.05	29.66 RT	549+67.94	1121.31	29.09 RT	549+81.57	1121.54	28.56 RT	549+95.21	1121.74	28.08 RT
TOE OF BARRIER	549+40.18	1120.67	32.31 RT	549+53.77	1120.97	31.68 RT	549+67.38	1121.24	31.11 RT	549+81.00	1121.46	30.58 RT	549+94.63	1121.65	30.10 RT
EDGE OF DECK	549+39.71	1120.67	34.08 RT	549+53.29	1120.97	33.46 RT	549+66.89	1121.24	32.88 RT	549+80.50	1121.46	32.35 RT	549+94.13	1121.65	31.87 RT

SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.

TOP OF HAUNCH (FT.)	REAR ABUT. CL BRG			SPAN									FWD. ABUT. CL BRG.		
	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET
CL BEAM B1	549+61.52	1116.50	45.90 LT	549+75.34	1116.91	45.69 LT	549+89.16	1117.15	45.41 LT	550+02.97	1117.41	45.05 LT	550+16.78	1117.65	44.62 LT
CL BEAM B2	549+58.99	1116.98	36.88 LT	549+72.83	1117.30	36.94 LT	549+86.67	1117.59	36.92 LT	550+00.51	1117.84	36.82 LT	550+14.35	1118.07	36.66 LT
CL BEAM B3	549+56.62	1117.44	28.37 LT	549+70.41	1117.76	28.43 LT	549+84.20	1118.05	28.43 LT	549+98.00	1118.30	28.35 LT	550+11.79	1118.52	28.19 LT
CL BEAM B4	549+54.26	1117.91	19.85 LT	549+68.01	1118.22	19.93 LT	549+81.80	1118.50	19.93 LT	549+95.50	1118.75	19.87 LT	550+09.25	1118.97	19.73 LT
CL BEAM B5	549+51.92	1118.27	11.32 LT	549+65.62	1118.60	11.42 LT	549+79.32	1118.89	11.44 LT	549+93.02	1119.14	11.38 LT	550+06.72	1119.37	11.26 LT
CL BEAM B6	549+49.59	1118.64	2.80 LT	549+63.25	1118.96	2.91 LT	549+76.90	1119.25	2.94 LT	549+90.56	1119.50	2.90 LT	550+04.21	1119.73	2.78 LT
CL BEAM B7	549+47.19	1119.01	6.06 RT	549+60.80	1119.33	5.94 RT	549+74.41	1119.62	5.89 RT	549+88.01	1119.88	5.92 RT	550+01.62	1120.10	6.02 RT
CL BEAM B8	549+44.81	1119.39	14.92 RT	549+58.37	1119.71	14.79 RT	549+71.93	1120.00	14.73 RT	549+85.49	1120.25	14.74 RT	549+99.05	1120.47	14.83 RT
CL BEAM B9	549+42.44	1119.77	23.79 RT	549+55.95	1120.08	23.64 RT	549+69.47	1120.37	23.57 RT	549+82.98	1120.62	23.57 RT	549+96.50	1120.84	23.64 RT
CL BEAM B10	549+40.44	1120.00	31.31 RT	549+53.97	1120.28	30.96 RT	549+67.50	1120.54	30.69 RT	549+81.03	1120.76	30.49 RT	549+94.56	1120.94	30.36 RT

TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF THE DECK ABOVE THE CENTERLINE OF THE BEAM HAUNCH PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.

1

FINAL DECK ELEVATIONS (FT.)	REAR ABUT. CL BRG			SPAN									FWD. ABUT. CL BRG.		
	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET	STATION	ELEV.	OFFSET
LEFT EDGE OF DECK	549+62.56	1117.09	49.58 LT	549+76.20	1117.41	48.67 LT	549+89.86	1117.73	47.81 LT	550+03.50	1118.04	46.82 LT	550+17.26	1118.36	46.19 LT
TOE OF LEFT BARRIER	549+62.10	1117.09	47.94 LT	549+75.73	1117.41	47.03 LT	549+89.38	1117.73	46.17 LT	550+03.06	1118.04	45.34 LT	550+16.75	1118.36	44.55 LT
BEAM B1	549+61.52	1117.20	45.90 LT	549+75.34	1117.48	45.69 LT	549+89.16	1117.77	45.41 LT	550+02.97	1118.06	45.05 LT	550+16.78	1118.36	44.62 LT
BEAM B2	549+58.99	1117.69	36.88 LT	549+72.83	1117.96	36.94 LT	549+86.67	1118.23	36.92 LT	550+00.51	1118.50	36.82 LT	550+14.35	1118.78	36.66 LT
BL CONSTRUCTION RAMP U	549+58.51	1117.79	35.15 LT	549+72.06	1118.10	34.24 LT	549+85.64	1118.42	33.37 LT	549+99.24	1118.73	32.54 LT	550+12.86	1119.04	31.75 LT
BEAM B3	549+56.62	1118.15	28.37 LT	549+70.41	1118.42	28.43 LT	549+84.20	1118.68	28.43 LT	549+98.00	1118.95	28.35 LT	550+11.79	1119.23	28.19 LT
BEAM B4	549+54.26	1118.61	19.85 LT	549+68.01	1118.87	19.93 LT	549+81.80	1119.14	19.93 LT	549+95.50	1119.41	19.87 LT	550+09.25	1119.68	19.73 LT
GRADE BREAK	549+54.14	1118.64	19.41 LT	549+67.61	1118.95	18.50 LT	549+81.09	1119.26	17.63 LT	549+94.60	1119.57	16.79 LT	550+08.13	1119.88	15.99 LT
BEAM B5	549+51.92	1118.98	11.32 LT	549+65.62	1119.25	11.42 LT	549+79.32	1119.52	11.44 LT	549+93.02	1119.80	11.38 LT	550+06.72	1120.08	11.26 LT
PHASE 3A CONSTRUCTION JOINT	549+50.96	1119.13	7.82 LT	549+64.64	1119.40	7.91 LT	549+78.32	1119.68	7.94 LT	549+92.00	1119.95	7.89 LT	550+05.69	1120.23	7.77 LT
PHASE 4A CONSTRUCTION JOINT	549+50.00	1119.28	4.31 LT	549+63.66	1119.55	4.41 LT	549+77.33	1119.82	4.44 LT	549+90.99	1120.10	4.40 LT	550+04.65	1120.38	4.28 LT
BEAM B6	549+49.59	1119.34	2.80 LT	549+63.25	1119.61	2.91 LT	549+76.90	1119.88	2.94 LT	549+90.56	1120.16	2.90 LT	550+04.21	1120.44	2.78 LT
PHASE 3A CONSTRUCTION JOINT #1	549+49.05	1119.43	0.79 LT	549+62.69	1119.70	0.90 LT	549+76.33	1119.97	0.94 LT	549+89.98	1120.24	0.90 LT	550+03.62	1120.52	0.79 LT
IR-76 REFERENCE CHORD	549+48.83	1119.46	0.00 RT	549+62.47	1119.73	0.11 LT	549+76.11	1120.00	0.15 LT	549+89.75	1120.28	0.11 LT	550+03.39	1120.55	0.00 LT
BL CONSTRUCTION IR-76 WESTBOUND	549+48.83	1119.46	0.00 RT	549+62.44	1119.74	0.00 RT	549+76.07	1120.01	0.00 RT	549+89.72	1120.28	0.00 RT	550+03.39	1120.55	0.00 RT
PHASE 3A CONSTRUCTION JOINT #2	549+48.09	1119.58	2.72 RT	549+61.72	1119.85	2.60 RT	549+75.35	1120.12	2.56 RT	549+88.97	1120.39	2.59 RT	550+02.60	1120.67	2.70 RT
BEAM B7	549+47.19	1119.72	6.06 RT	549+60.80	1119.99	5.94 RT	549+74.41	1120.26	5.89 RT	549+88.01	1120.53	5.92 RT	550+01.62	1120.81	6.02 RT
BEAM B8	549+44.81	1120.10	14.92 RT	549+58.37	1120.36	14.79 RT	549+71.93	1120.63	14.73 RT	549+85.49	1120.90	14.74 RT	549+99.05	1121.18	14.83 RT
BEAM B9	549+42.44	1120.48	23.79 RT	549+55.95	1120.74	23.64 RT	549+69.47	1121.01	23.57 RT	549+82.98	1121.28	23.57 RT	549+96.50	1121.55	23.64 RT
BL CONSTRUCTION RAMP N	549+41.25	1120.67	28.25 RT	549+54.87	1120.91	27.63 RT	549+68.50	1121.16	27.06 RT	549+82.14	1121.40	26.54 RT	549+95.80	1121.65	26.06 RT
CROWN LINE	549+40.71	1120.75	30.28 RT	549+54.32	1121.00	29.66 RT	549+67.94	1121.24	29.09 RT	549+81.57	1121.49	28.56 RT	549+95.21	1121.74	28.08 RT
BEAM B10	549+40.44	1120.71	31.31 RT	549+53.97	1120.94	30.96 RT	549+67.50	1121.17	30.69 RT	549+81.03	1121.40	30.49 RT	549+94.56	1121.65	30.36 RT
TOE OF RIGHT BARRIER	549+40.18	1120.67	32.31 RT	549+53.77	1120.91	31.68 RT	549+67.38	1121.15	31.11 RT	549+81.00	1121.40	30.58 RT	549+94.63	1121.65	30.10 RT
RIGHT EDGE OF DECK	549+39.71	1120.67	34.08 RT	549+53.29	1120.91	33.46 RT	549+66.89	1121.15	32.88 RT	549+80.50	1121.40	32.35 RT	549+94.13	1121.65	31.87 RT

FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURRED.

2025-03-13 - BU-10A - RECORD DRAWING PLANS

SUM-76/77/8
10.99/11.54/0.00

PID No. 101402

30/41

923
1022

SCREED, TOP OF HAUNCH, AND FINAL DECK ELEVATIONS

SUM-76-1180L

IR-76 WESTBOUND OVER INMAN STREET

DESIGNED
DRH

CHECKED
RUS

DRAWN
NKM

REVISED

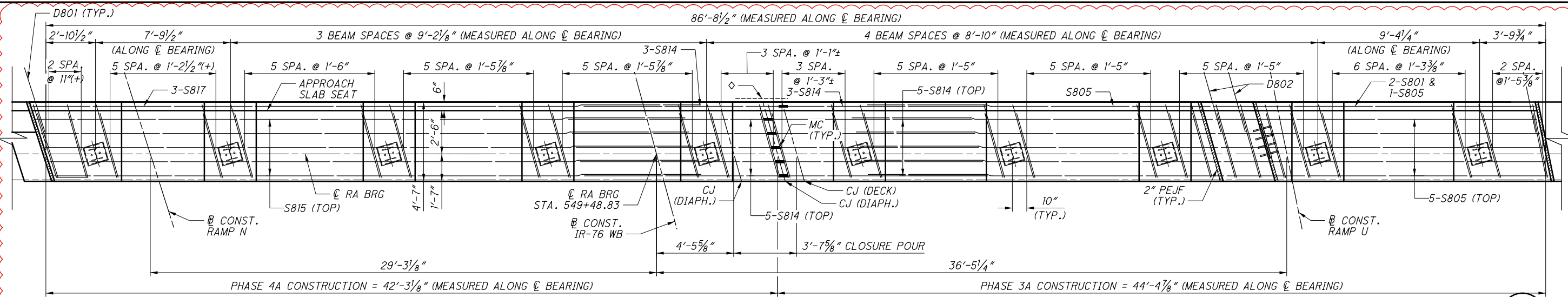
REVIEWED
RCH

DATE
04/16/20

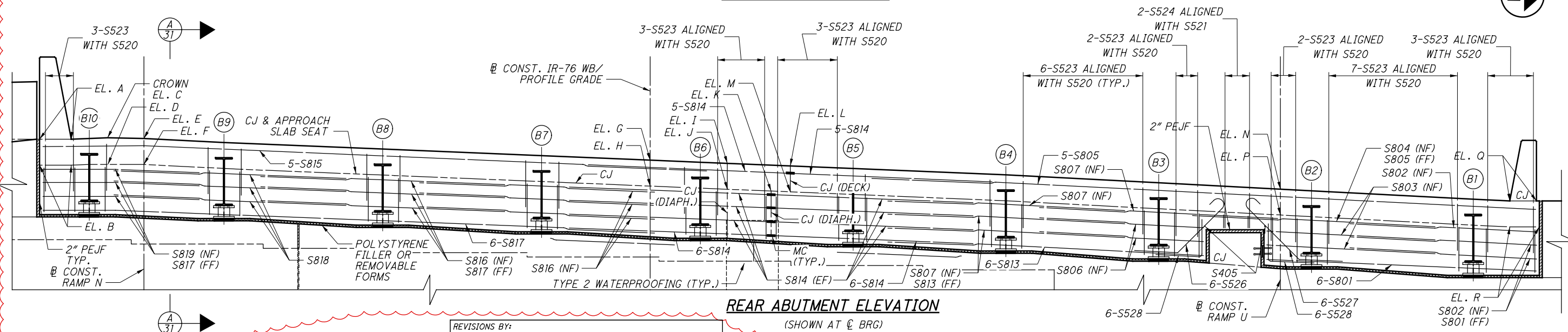
STRUCTURE FILE NUMBER
7706154



1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537



REAR ABUTMENT PLAN ◇ - TYPE 2 WATERPROOFING (TYP.)



REAR ABUTMENT ELEVATION

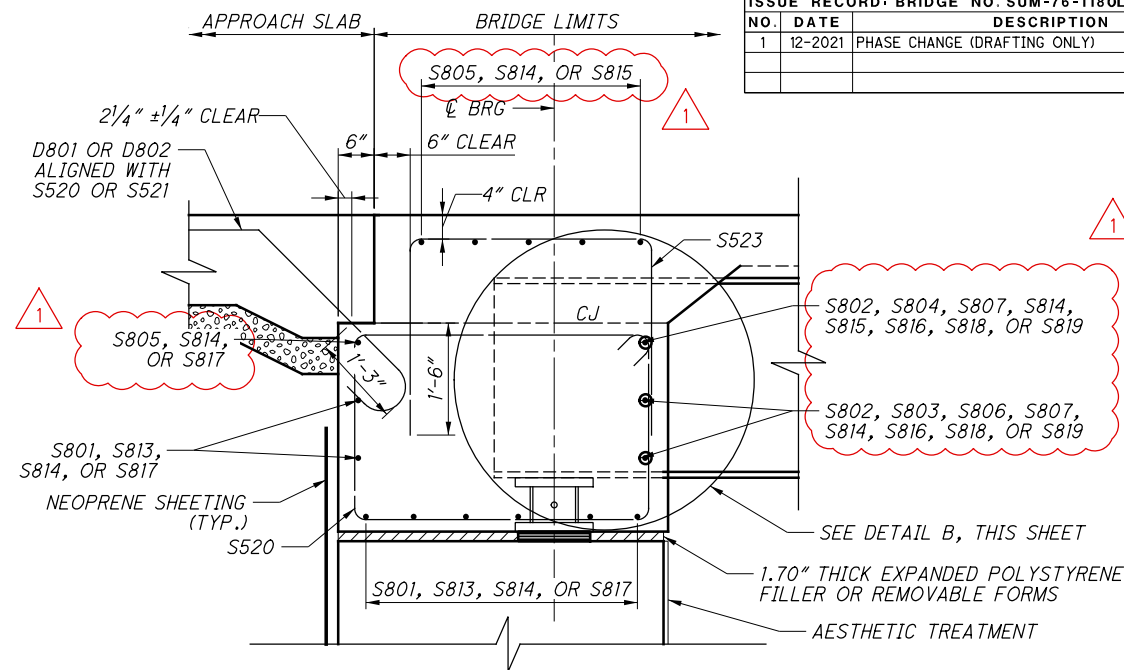
(SHOWN AT C BRG)

REVISED BY:

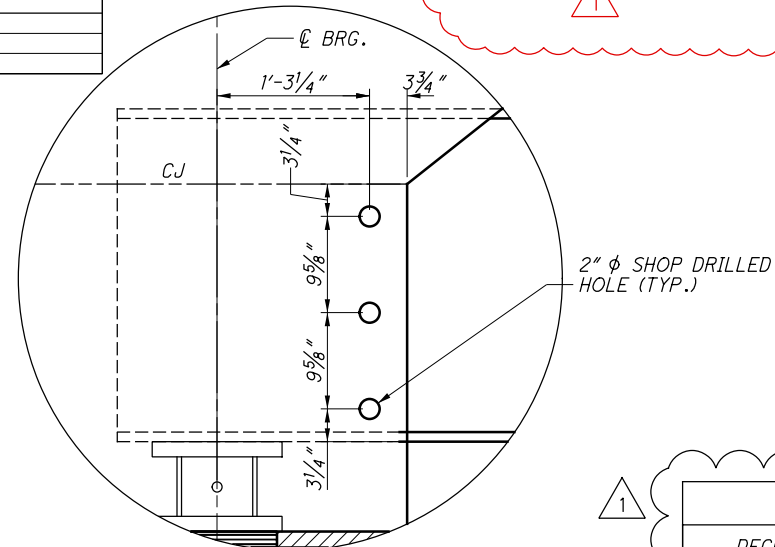
PARSONS

100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD - BRIDGE NO. SUM-76-1180L		
NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)



SECTION A-A

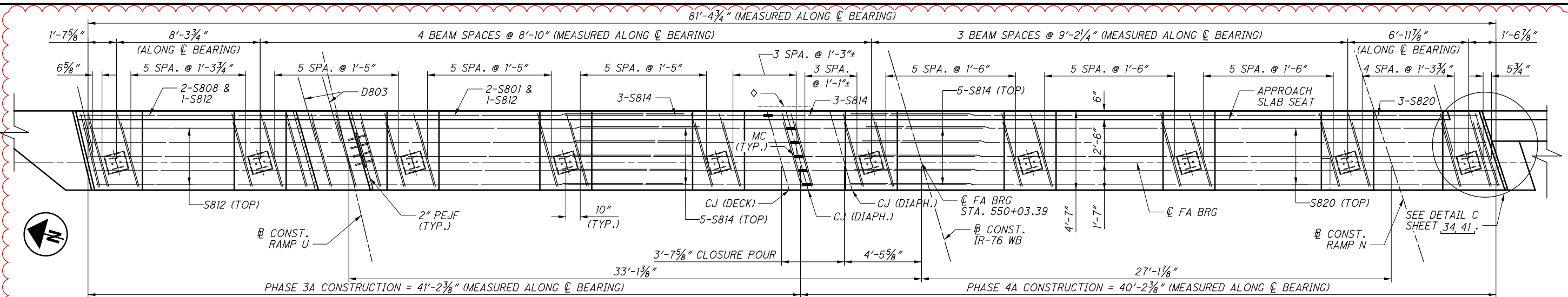


DETAIL B

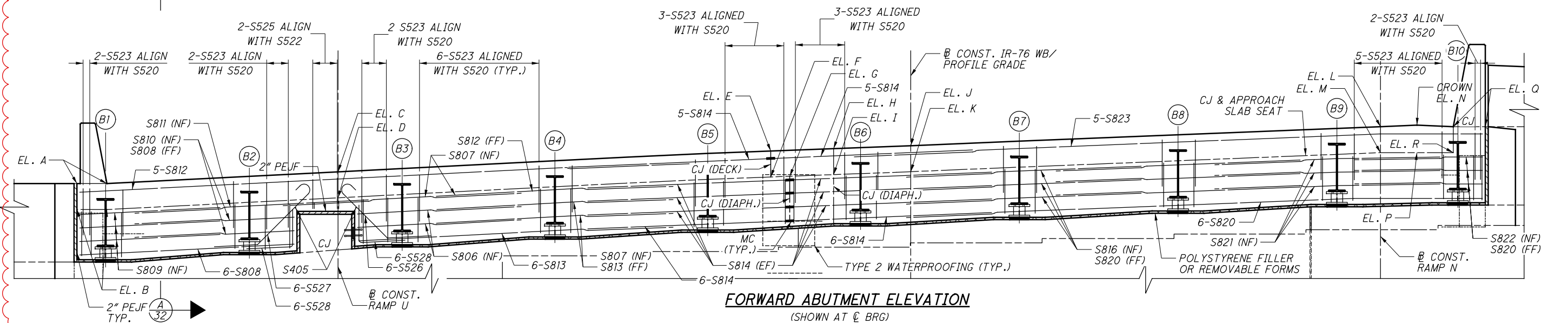
- NOTES:

1. LAP LENGTHS SHALL BE, UNLESS OTHERWISE NOTED:
#8 - 4'-11" (TYPICAL)
#8 - 6'-10" (TOP LAYER)
2. FOR ADDITIONAL SEMI-INTEGRAL CONSTRUCTION DETAILS AND NEOPRENE SHEETING REQUIREMENTS, SEE ODOT STD. DRAWING SICD-1-96. PAYMENT FOR NEOPRENE SHEETING, MATERIALS AND LABOR, SHALL BE INCLUDED IN ITEM 516, SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL.
3. ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASE THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF DECK CONCRETE. IF PLACED SEPARATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-96 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE THE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.
4. TYPE 2 WATERPROOFING, 3' WIDE, CENTERED ON JOINT, SHALL BE APPLIED PRIOR TO APPLICATION OF NEOPRENE SHEETING.

PROPOSED ELEVATIONS									
DECK	A	C	E	G	I		L	N	Q
ELEVATION	1120.67	1120.75	1120.67	1119.46	1119.24		1119.06	1117.79	1117.09
APPR SLAB SEAT	B	D	F	H	J	K	M	P	R
ELEVATION	1119.17	1119.25	1119.17	1117.96	1117.74	1117.62	1117.56	1116.29	1115.59



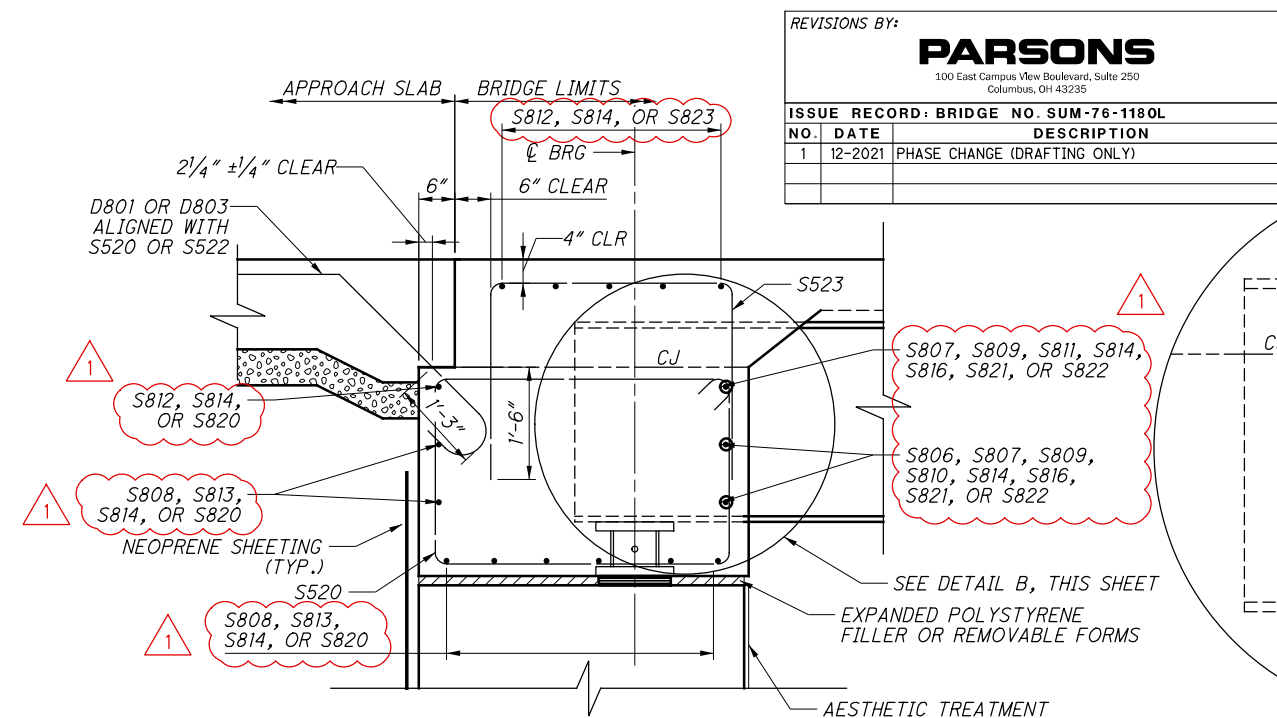
FORWARD ABUTMENT PLAN ◇ - TYPE 2 WATERPROOFING (TYP.)



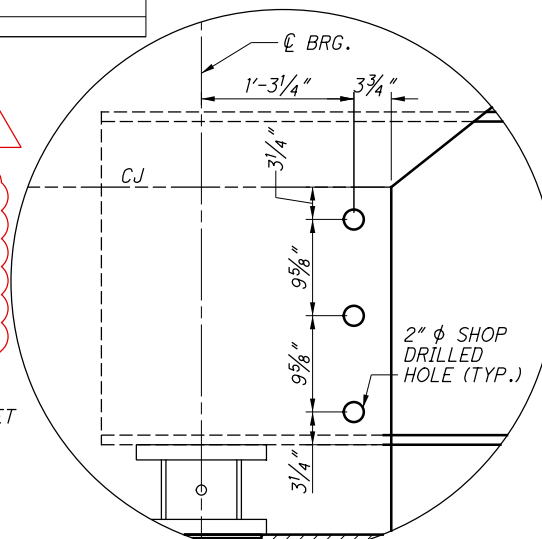
FORWARD ABUTMENT ELEVATION
(SHOWN AT C BRG)

NOTES:

1. LAP LENGTHS SHALL BE, UNLESS OTHERWISE NOTED:
#8 - 4'-11" (TYPICAL)
#8 - 6'-10" (TOP LAYER)
2. FOR ALL OTHER SEMI-INTEGRAL CONSTRUCTION DETAILS AND NEOPRENE SHEETING REQUIREMENTS, SEE ODOT STD. DRAWING SICD-1-96. PAYMENT FOR NEOPRENE SHEETING, MATERIALS AND LABOR, SHALL BE INCLUDED IN ITEM 516, SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL.
3. ABUTMENT DIAPHRAGM CONCRETE, PHASED CONSTRUCTION: PLACE THE DIAPHRAGM CONCRETE ENCASEING THE STRUCTURAL MEMBER ENDS OF AN INDIVIDUAL PHASE WITH THE DECK CONCRETE OR AT LEAST 48 HOURS BEFORE PLACEMENT OF DECK CONCRETE. IF PLACED SEPARATELY, LOCATE A HORIZONTAL CONSTRUCTION JOINT IN THE DIAPHRAGM AS SHOWN ON SICD-1-96 AND PLACE REMAINING DIAPHRAGM CONCRETE WITH THE DECK. PLACE THE CLOSURE POUR CONCRETE IN THE DIAPHRAGM AND DECK CONCURRENTLY.
4. TYPE 2 WATERPROOFING, 3' WIDE, CENTERED ON JOINT SHALL BE APPLIED PRIOR TO APPLICATION OF NEOPRENE SHEETING.



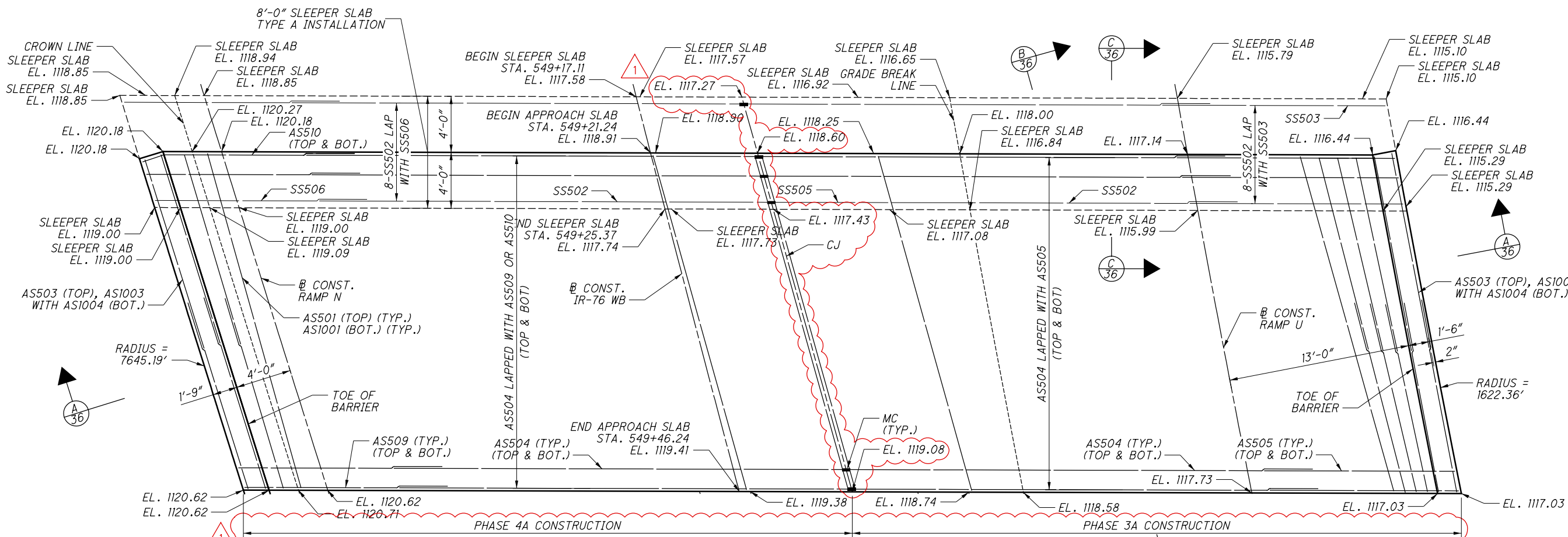
SECTION A-A



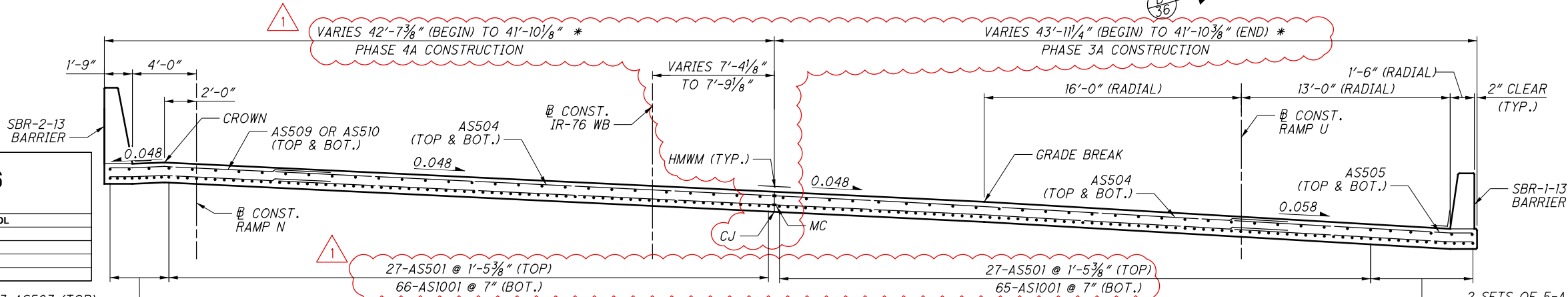
DETAIL B

PROPOSED ELEVATIONS									
DECK	(A)	(C)	(E)		(H)	(J)	(L)	(N)	(Q)
ELEVATION	1118.36	1119.04	1120.15		1120.33	1120.55	1121.65	1121.74	1121.65
APPR SLAB SEAT	(B)	(D)	(F)	(G)	(I)	(K)	(M)	(P)	(R)
ELEVATION	1116.86	1117.54	1118.65	1118.71	1118.83	1119.05	1120.15	1120.24	1120.15

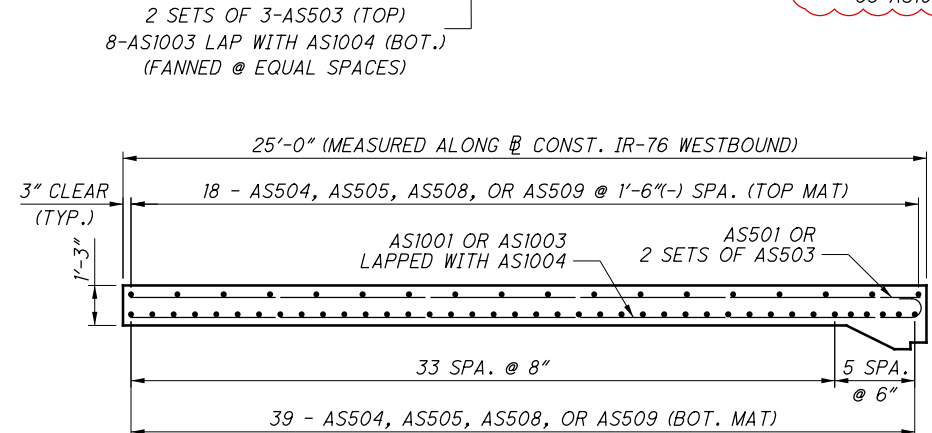
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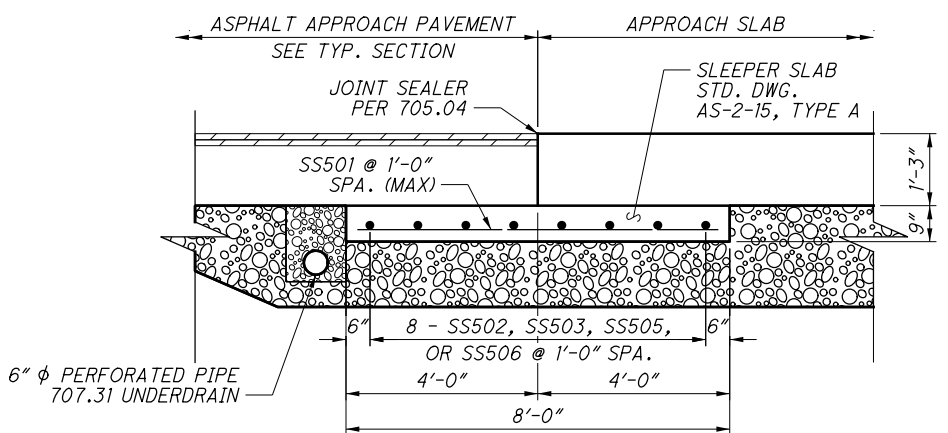
REAR APPROACH SLAB PLAN



SECTION A-A



SECTION B-B



SECTION C-C

REVISIONS BY:

PARSONS
100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

- LEGEND:**
- * - MEASURED PERPENDICULAR TO $\varnothing$ REFERENCE LINE
- NOTES:**
- LAP LENGTHS SHALL BE, UNLESS OTHERWISE SPECIFIED:
#5 - 3'-5"
#10 - 7'-10"
 - REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR ADDITIONAL APPROACH SLAB DETAILS.
 - REINFORCING STEEL AND 2" PEJF TO BE INCLUDED FOR PAYMENT WITH ITEM 526 - REINFORCED CONCRETE APPROACH SLAB WITH QC/QA (T-15'), AS PER PLAN.
 - FOR BARRIER REINFORCING BARS IN APPROACH SLABS, SEE SHEETS 33-35/41.

2025-03-13 - BU-10A - RECORD DRAWING PLANS

1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537

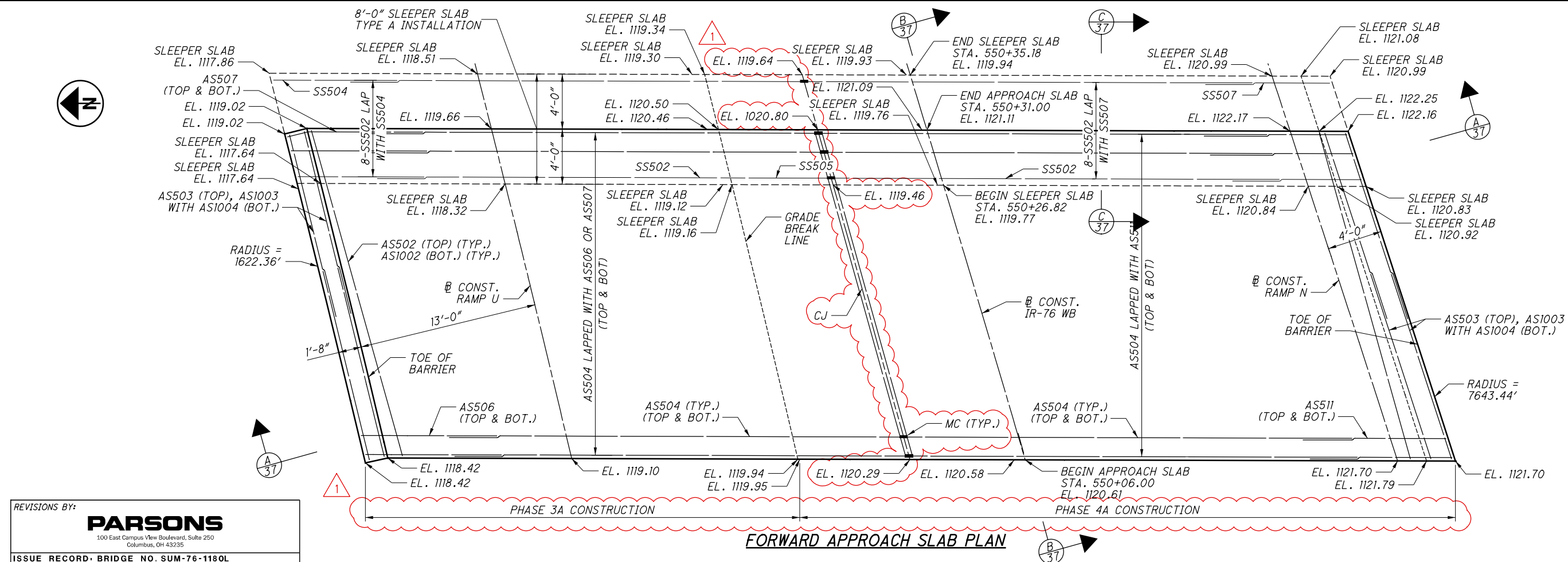
DATE	04/16/20
REVIEWED	RCH
DRAWN	RAM
DESIGNED	DRH
CHECKED	RUS
STRUCTURE FILE NUMBER	7706154

SUM-76-1180L
IR-76 WESTBOUND OVER INMAN STREET

SUM-76/77/8
10.99/11.54/0.00
PID No. 101402

36/41

929
1022



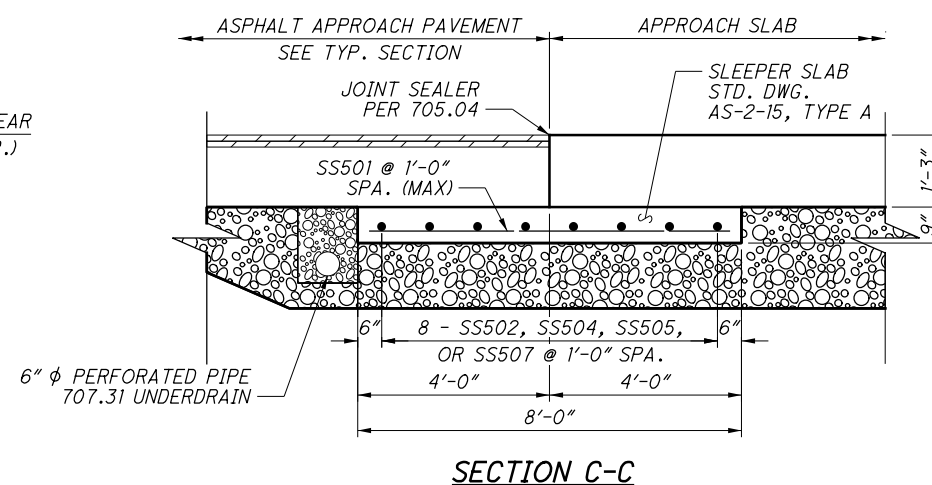
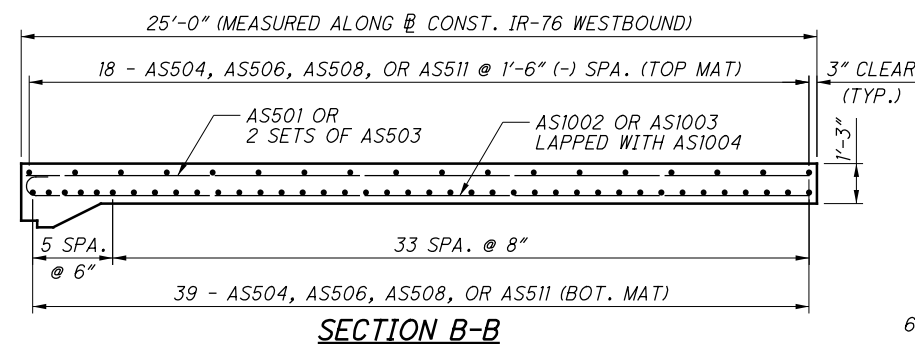
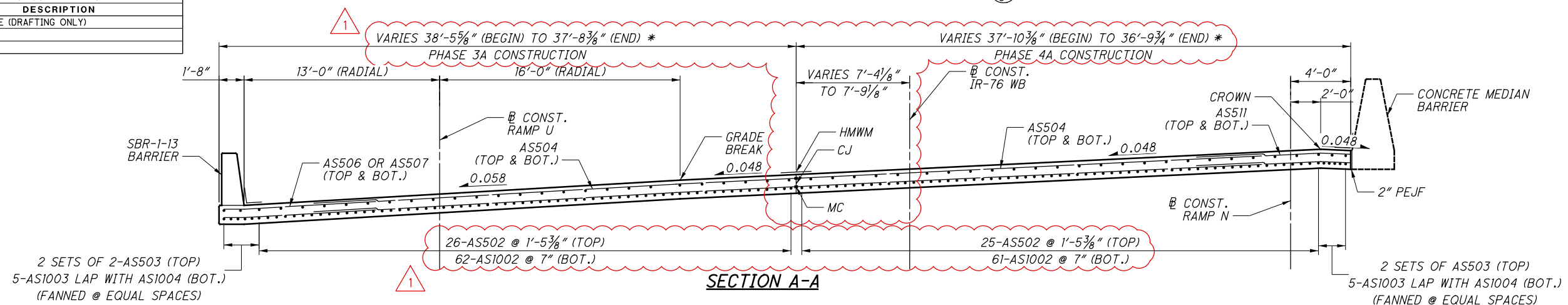
REVISIONS BY:

PARSONS

100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD: BRIDGE NO. SUM-76-1180L

NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)



LEGEND:

* - MEASURED PERPENDICULAR TO B REFERENCE LINE

NOTES:

1. LAP LENGTHS SHALL BE, UNLESS OTHERWISE SPECIFIED:
#5 - 3'-5"
#10 - 7'-10"
2. REFER TO STD. DWGS. AS-1-15 AND AS-2-15 FOR
ADDITIONAL APPROACH SLAB DETAILS.
3. REINFORCING STEEL AND 2" PEJF TO BE INCLUDED FOR
PAYMENT WITH ITEM 526 - REINFORCED CONCRETE
APPROACH SLAB WITH QC/QA (T=15'), AS PER PLAN.
4. FOR BARRIER REINFORCING BARS IN APPROACH
SLABS, SEE SHEET [33-35/41].

MARK	NUMBER				LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A	TOTAL				A	B	C	D	E	INC
1	REAR ABUTMENT												
A501	152			152	9'-1"	1440	2	2'-7"	4'-2"	2'-7"			
A502	6			6	9'-2"	57	2	2'-7"	4'-3"	2'-7"			
A503	2			2	9'-8"	20	2	2'-7"	4'-9"	2'-7"			
A505	1			1	29'-2"	30	STR						
A506	1			1	30'-5"	32	STR						
A507	1			1	19'-9"	21	STR						
A508	1			1	22'-0"	23	STR						
A509	2			2	5'-1"	11	19	2'-7"	1'-4"	2'-2"			
A515	14			14	29'-0"	423	STR						
A516	14			14	31'-0"	453	STR						
A519	45			45	14'-1"	661	STR						
A520	17			17	14'-6"	257	STR						
A523	1 SR OF 16			1 SR OF 16	12'-0" TO 14'-11"	225	STR						0'-2 1/4"
A525	38			38	11'-10"	469	25	2'-6"	5'-6"	2'-6"	4'-1"	0"	
A526	1			1	12'-3"	13	25	2'-6"	3'-4"	5'-8"	2'-4"	0"	
A527	1			1	12'-3"	13	25	2'-6"	2'-11"	5'-8"	2'-11"	0"	
A530	42			42	9'-6"	416	2	2'-9"	4'-3"	2'-9"			
A531	38			38	10'-4"	410	2	3'-2"	4'-3"	3'-2"			
A532	3			3	14'-11"	47	2	7'-0"	1'-2"	7'-0"			
A533	1			1	15'-2"	16	2	7'-0"	1'-5"	7'-0"			
A534	1			1	15'-10"	17	2	7'-0"	2'-1"	7'-0"			
A535	4			4	13'-5"	56	2	6'-3"	1'-2"	6'-3"			
A536	1 SR OF 18			1 SR OF 18	7'-11" TO 14'-7"	211	2	3'-6" TO 6'-10"	1'-2"	3'-6" TO 6'-10"			0'-2 1/4"
A537	16			16	5'-11"	99	2	2'-6"	1'-2"	2'-6"			
A538	1			1	9'-7"	10	2	4'-0"	3'-4"	2'-6"			
A539	1			1	8'-9"	9	2	4'-0"	2'-6"	2'-6"			
A545	24			24	22'-0"	551	STR						
A546	2 SR OF 3			2 SR OF 3	16'-4" TO 22'-0"	120	STR						2'-10"
A547	2			2	13'-3"	28	STR						
A548	2 SR OF 3			2 SR OF 3	6'-9" TO 12'-5"	60	STR						2'-10"
A549	2			2	6'-11"	14	19	4'-1"	2'-8"	1'-0"			
A550	2			2	10'-0"	21	STR						
A551	2			2	8'-9"	18	STR						
A552	5			5	4'-2"	22	STR						
A553	5			5	6'-11"	36	11	0'-10"	4'-2"	2'-10"			
A554	30			30	5'-0"	156	19	2'-6"	1'-4"	2'-2"			
Δ A563	14	6	20	5'-3"	111	1	2'-0"	3'-5"					
Δ A564	14	6	20	5'-7"	119	1	2'-0"	3'-9"					
Δ A565		5	5	5'-5"	28	1	2'-2"	3'-5"					
Δ A566		5	5	5'-9"	30	1	2'-2"	3'-9"					
Δ A567		23	23	5'-7"	134	1	2'-4"	3'-5"					
Δ A568		23	23	5'-11"	142	1	2'-4"	3'-9"					
* A569	2		2	20'-9"	43	STR							
* A570	NOT USED												
* A571		2	2	25'-7"	53	STR							
A572		2	2	16'-6"	34	STR							
Δ A576		14	14	3'-7"	52	STR							
A577		4	4	11'-5"	48	2	5'-3"	1'-2"	5'-3"				
A578		8	8	5'-5"	45	STR							
A579		4	4	12'-6"	52	2	5'-11"	0'-11"	5'-11"				
A580		4	4	4'-6"	19	1	1'-5"	3'-3"					
A581		8	8	3'-0"	25	STR							
A582		7	7	5'-1"	37	19	2'-1"	0'-10"	3'-0"				
A583		2	2	6'-6"	14	19	2'-10"	1'-2"	3'-7"				
A584		5	5	6'-10"	36	19	2'-8"	1'-3"	4'-1"				
Δ A601	42			42	4'-0"	252	STR						

MARK 	NUMBER				LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A	TOTAL				A	B	C	D	E	INC
REAR ABUTMENT (CONTINUED)													
A801	1 SR OF 6			1 SR OF 6	29'-3" TO 31'-1"	483	STR						0'-4 1/2"
A802	6			6	31'-3"	501	STR						
* A803	6		6	12	11'-8"	374	STR						
A804			6	6	20'-9"	332	STR						
A805			6	6	16'-0"	256	STR						
A901	38			38	19'-11"	2573	2	11'-9"	2'-8"	6'-1"			
A902	37			37	16'-11"	2128	2	11'-0"	1'-2"	5'-4"			
A903	2			2	18'-6"	126	2	11'-0"	2'-9"	5'-4"			
A904	1			1	17'-10"	61	2	11'-0"	2'-1"	5'-4"			
A905	1			1	17'-2"	58	2	11'-0"	1'-5"	5'-4"			
A909	45			45	14'-1"	2155	STR						
A910	19			19	14'-6"	937	STR						
A913	1 SR OF 16			1 SR OF 16	12'-0" TO 14'-11"	732	STR						0'-2 1/4"
A1001	2 SR OF 7			2 SR OF 7	29'-2" TO 30'-4"	1792	STR						0'-2 1/4"
A1002	2 SR OF 7			2 SR OF 7	19'-9" TO 22'-0"	1258	STR						0'-4 1/2"
A1005	14			14	20'-7"	1240	19	10'-4"	5'-5"	8'-10"			
SUB-TOTAL						22745							

MARK	NUMBER			TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A					A	B	C	D	R	INC
REAR ABUTMENT SEMI-INTEGRAL CAP													
S405	2			2	4'-4"	6	STR						
S520	30		28	58	14'-2"	857	3	4'-3"	2'-6"				
S521	2			2	10'-6"	22	3	4'-3"	0'-7"				
S523	30		28	58	8'-10"	534	2	2'-8"	3'-9"	2'-8"			
S524	2			2	12'-2"	25	3	3'-9"	1'-11"				
S526	6			6	6'-11"	43	18	3'-11"	1'-8"	1'-10"			
S527	6			6	7'-6"	47	18	4'-6"	1'-10"	1'-8"			
S528	12			12	4'-8"	58	1	2'-8"	2'-2"				
S801	8			8	15'-6"	331	STR						
S802	3			3	11'-0"	88	STR						
S803	2			2	10'-3"	55	STR						
S804	1			1	14'-1"	38	STR						
S805	6			6	38'-6"	617	STR						
S806	2			2	9'-8"	52	STR						
S807	4			4	13'-10"	148	STR						
S813	8			8	18'-6"	395	STR						
* S814	17		17	34	11'-8"	1059	STR						
S815			5	5	38'-6"	514	STR						
S816			6	6	14'-2"	227	STR						
S817			9	9	35'-6"	853	STR						
S818			3	3	13'-5"	107	STR						
S819			3	3	9'-1"	73	STR						
D801	30		32	62	5'-3"	869	18	3'-1"	1'-0"	1'-0"			
D802	2			2	5'-9"	31	25	1'-6"	1'-11"	1'-6"	1'-11"	0"	
SUB-TOTAL						7049							

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100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD: BRIDGE NO. SUM-76-1180L

NO.	DATE	DESCRIPTION
1	12-2021	PHASE CHANGE (DRAFTING ONLY)

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MARK	NUMBER				LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A	TOTAL				A	B	C	D	E	INC
FORWARD ABUTMENT													
A501	192			192	9'-1"	1819	2	2'-7"	4'-2"	2'-7"			
A502	6			6	9'-2"	57	2	2'-7"	4'-3"	2'-7"			
A504	2			2	9'-4"	19	2	2'-7"	4'-5"	2'-7"			
A510	1			1	25'-0"	26	STR						
A511	1			1	27'-5"	29	STR						
A512	1			1	33'-11"	35	STR						
A513	1			1	32'-7"	34	STR						
A514	2			2	5'-1"	11	19	2'-7"	2'-0"	1'-7"			
A517	15			15	25'-10"	404	STR						
A518	15			15	27'-8"	433	STR						
A521	50			50	15'-3"	795	STR						
A522	18			18	15'-8"	294	STR						
A524	1 SR OF 32			1 SR OF 32	11'-5" TO 16'-2"	460	STR						0'-1 3/4"
A525	36			36	11'-10"	444	25	2'-6"	5'-6"	2'-6"	4'-1"		
A528	1 SR OF 4			1 SR OF 4	11'-6" TO 13'-7"	52	25	2'-6"	2'-9" TO 4'-1"	5'-8"	1'-11" TO 3'-7"		
A529	1			1	13'-9"	14	25	2'-6"	4'-4"	5'-8"	3'-6"		
A530	36			36	9'-5"	354	2	2'-9"	4'-2"	2'-9"			
A531	36			36	9'-10"	369	2	3'-2"	4'-2"	2'-9"			
A532	5			5	14'-11"	78	2	7'-0"	1'-2"	7'-0"			
A535	4			4	13'-5"	56	2	6'-3"	1'-2"	6'-3"			
A537	32			32	5'-11"	197	2	2'-6"	1'-2"	2'-6"			
A540	1			1	15'-1"	16	2	7'-0"	1'-4"	7'-0"			
A541	1			1	15'-5"	16	2	7'-0"	1'-8"	7'-0"			
A542	2			2	7'-0"	15	STR						
A543	1 SR OF 23			1 SR OF 23	7'-11" TO 14'-7"	270	2	3'-6" TO 6'-10"	1'-2"	3'-6" TO 6'-10"			0'-1 3/4"
A544	1 SR OF 4			1 SR OF 4	8'-4" TO 9'-7"	37	2	4'-1" TO 3'-3"	2'-0" TO 2'-6"				0'-5"
A552	5			5	4'-2"	22	STR						
A555	22			22	34'-8"	795	STR						
A556	2 SR OF 5			2 SR OF 5	21'-6" TO 34'-8"	293	STR						3'-3 1/2"
A557	2			2	17'-4"	36	STR						
A558	2 SR OF 3			2 SR OF 3	9'-0" TO 16'-2"	79	STR						3'-7"
A559	2			2	7'-8"	16	19	5'-1"	2'-6"	0'-9"			
A560	2			2	12'-7"	26	STR						
A561	2			2	17'-6"	37	STR						
A562	5			5	7'-0"	37	19	2'-11"	1'-0"	4'-1"			
Δ A563	8			8	5'-3"	44	1	2'-0"	3'-5"				
Δ A564	8			8	5'-7"	47	1	2'-0"	3'-9"				
Δ A565	5		10	15	5'-5"	85	1	2'-2"	3'-5"				
Δ A566	5		10	15	5'-9"	90	1	2'-2"	3'-9"				
Δ A567			20	20	5'-7"	116	1	2'-4"	3'-5"				
Δ A568			20	20	5'-11"	123	1	2'-4"	3'-9"				
* A569	2			2	20'-9"	42	STR						
* A573	NOT USED												
* A574			2	2	29'-6"	62	STR						
A575			2	2	10'-7"	22	STR						
Δ A576			16	16	3'-7"	60	STR						
A577			4	4	11'-5"	48	2	5'-3"	1'-2"	5'-3"			
A578			10	10	5'-5"	56	STR						
A579			5	5	12'-6"	65	2	5'-11"	0'-11"	5'-11"			
A580			5	5	4'-6"	23	1	1'-5"	3'-3"				
A585			8	8	3'-4"	28	STR						
A586			7	7	4'-11"	36	11	0'-11"	2'-10"	2'-2"			
A587			2	2	6'-9"	14	11	1'-1"	3'-6"	3'-4"			
A588			5	5	7'-6"	39	11	1'-3"	4'-0"	3'-6"			
A589	32			32	5'-2"	172	19	2'-7"	2'-0"	1'-8"			

MARK	NUMBER			TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A					A	B	C	D	E	INC
FORWARD ABUTMENT (CONTINUED)													
Δ A601	42			42	4'-0"	252	STR						
A806	1 SR OF 6			1 SR OF 6	26'-0" TO 27'-8"	430	STR						0'-4"
A807	6			6	30'-1"	482	STR						
* A808	6		6	12	11'-8"	374	STR						
A809			6	6	24'-8"	395	STR						
A810			6	6	10'-6"	168	STR						
A901	35			35	19'-11"	2370	2	11'-9"	2'-8"	6'-1"			
A902	60			60	16'-11"	3509	2	11'-0"	1'-2"	5'-4"			
A903	1			1	18'-6"	63	2	11'-0"	2'-9"	5'-4"			
A905	1			1	17'-2"	58	2	11'-0"	1'-5"	5'-4"			
A906	1			1	18'-1"	61	2	11'-0"	2'-4"	5'-4"			
A907	1			1	17'-8"	60	2	11'-0"	1'-11"	5'-4"			
A908	1			1	17'-5"	59	2	11'-0"	1'-8"	5'-4"			
A911	50			50	15'-3"	2592	STR						
A912	18			18	15'-8"	959	STR						
A914	1 SR OF 32			1 SR OF 32	11'-5" TO 16'-2"	1501	STR						0'-1 3/4"
A1003	2 SR OF 7			2 SR OF 7	25'-0" TO 27'-5"	1579	STR						0'-4 3/4"
A1004	2 SR OF 7			2 SR OF 7	32'-7" TO 33'-11"	2003	STR						0'-2 3/4"
A1006	14			14	20'-7"	1240	19	10'-4"	8'-0"	6'-6"			
SUB-TOTAL						27002	Δ						

MARK	NUMBER			TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A					A	B	C	D	R	INC
FORWARD ABUTMENT SEMI-INTEGRAL CAP													
S405	2			2	4'-4"	6	STR						
S520	28		29	57	14'-2"	842	3	4'-3"	2'-6"				
S522	2			2	5'-5"	11	17	4'-3"					
S523	28		29	57	8'-10"	525	2	2'-8"	3'-9"	2'-8"			
S525	2			2	11'-6"	24	3	3'-9"	1'-8"				
S526	6			6	6'-11"	43	18	3'-11"	1'-8"	1'-10"			
S527	6			6	7'-6"	47	18	4'-6"	1'-10"	1'-8"			
S528	12			12	4'-8"	58	1	2'-8"	2'-2"				
S801	NOT USED												
S802	NOT USED												
S806	2			2	9'-6"	51	STR						
S807	4			4	13'-10"	148	STR						
S808	8			8	12'-1"	258	STR						
S809	3			3	8'-2"	65	STR						
S810	2			2	9'-3"	49	STR						
S811	1			1	13'-6"	36	STR						
S812	6			6	35'-0"	561	STR						
S813	8			8	18'-6"	395	STR						
* S814	17		17	34	11'-8"	1059	STR						
S815	NOT USED												
S816			6	6	14'-2"	227	STR						
S820			9	9	33'-4"	801	STR						
S821			3	3	13'-0"	104	STR						
S822			3	3	7'-5"	59	STR						
S823			5	5	36'-2"	483	STR						
D801	29		31	58	5'-3"	813	18	3'-1"	1'-0"	1'-0"			
D803	2			2	5'-6"	29	25	1'-6"	1'-9"	1'-6"	1'-9"		
SUB-TOTAL						6694							

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ISSUE RECORD: BRIDGE NO. SUM-76-1180L

NO. DATE DESCRIPTION

1 12-2021 PHASE CHANGE (DRAFTING ONLY)

2025-03-13 - BU-10A - RECORD DRAWING PLANS

SUM-76 / 77 / 8
10.99 / 11.54 / 0.00

PID No. 101402

REINFORCING LIST - 2

SUM-76-1180L

IR-76 WESTBOUND OVER INMAN STREET

DESIGNED
DRH
CHECKED
RUS

DRAWN
NKM
REVISED

REVIEWED
RCH
DATE
04/16/20

STRUCTURE FILE NUMBER
7706154

Mannik Smith GROUP
1800 INDIAN WOOD CIRCLE
MAUMEE, OHIO 43537

39 / 41
932
1022

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MARK	NUMBER				LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A	TOTAL				A	B	C	D	E	INC
BRIDGE DECK													
S401	61		64	125	40'-0"	3340	STR						
S402	60		48	108	22'-2"	1599	STR						
S403	1			1	21'-4"	14	STR						
S404			16	16	22'-10"	244	STR						
S405	22			22	4'-8"	69	10	0'-7"	0'-7"	3'-6"	0'-6"		
S406	22			22	3'-11"	58	10	0'-7"	0'-7"	2'-9"	0'-6"		
S407	20		22	42	3'-2"	89	10	0'-7"	0'-7"	2'-0"	0'-6"		
S408	14			14	2'-8"	25	10	0'-7"	0'-7"	1'-6"	0'-6"		
S409			15	15	3'-8"	37	10	0'-7"	0'-7"	2'-6"	0'-6"		
S410			20	20	3'-6"	47	10	0'-7"	0'-7"	2'-4"	0'-6"		
S411			22	22	2'-9"	40	10	0'-7"	0'-7"	1'-7"	0'-6"		
S501	69		68	137	40'-0"	5716	STR						
S502	68		52	120	22'-7"	2827	STR						
S503	1			1	25'-9"	27	STR						
S504	1			1	10'-6"	11	STR						
S505			17	17	23'-3"	412	STR						
S506*	254		254	512	30'-0"	15895	STR						
S507*	88			88	14'-10"	1361	STR						
S508*	88			88	13'-8"	1255	STR						
S509*	78			78	12'-8"	1031	STR						
S510*	2 SR OF 30			2 SR OF 30	2'-4" TO 40'-10"	1351	STR						1'-4"
S511	2 SR OF 28			2 SR OF 28	2'-0" TO 38'-3"	1176	STR						1'-4 1/8"
S512*	NOT USED												
S513*	NOT USED												
S514*		4 SR OF 7		4 SR OF 7	2'-5" TO 10'-4"	186	STR						1'-3 3/4"
S515*			76	76	14'-7"	1156	STR						
S516*			88	88	13'-11"	1278	STR						
S517*			90	90	13'-4"	1251	STR						
S518			2 SR OF 31	2 SR OF 31	2'-7" TO 41'-0"	1409	STR						1'-3 3/8"
S519*			2 SR OF 28	2 SR OF 28	2'-2" TO 39'-3"	1180	STR						1'-4 1/2"
SUB-TOTAL						42898							

MARK	NUMBER				LENGTH	WEIGHT	TYPE	DIMENSIONS					
	PHASE 3A		PHASE 4A	TOTAL				A	B	C	D	R	INC
WESTBOUND BARRIER (SBR-1-13)													
S529	116			116	7'-4"	887	23	0'-11"	3'-3"	3'-0"		0'-2 ³ / ₄ "	
S530	2			2	12'-1"	25	STR						
S531	1			1	12'-0"	13	STR						
S532	1			1	11'-9"	12	STR						
S533	2			2	24'-5"	51	STR						
S534	4			4	24'-2"	101	STR						
S535	2			2	9'-5"	20	STR						
S536	2			2	9'-8"	20	STR						
S537	6			6	12'-8"	79	STR						
S538	1			1	11'-7"	12	STR						
S539	3			3	11'-11"	37	STR						
S540	2			2	23'-11"	50	STR						
S542	12			12	21'-2"	265	STR						
SUB-TOTAL													
						2688							
WESTBOUND BARRIER (SBR-2-13)													
S533			5	5	24'-5"	127	STR						
S537			18	18	12'-8"	238	STR						
S543			5	5	24'-10"	130	STR						
S544			6	6	10'-11"	68	STR						
S545			6	6	10'-4"	65	STR						
S548			6	6	21'-10"	137	STR						
SUB-TOTAL													
						3741							
EASTBOUND BARRIER (RECONSTRUCTION)													
S549	16			16	13'-8"	228	STR						
S550	30			30	6'-11"	216	34	0'-7"	2'-6"	0'-8"	3'-0"	0'-2 ¹ / ₈ "	
S615	4			4	13'-8"	82	STR						
						526							

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100 East Campus View Boulevard, Suite 250
Columbus, OH 43235

ISSUE RECORD: BRIDGE NO. SUM-76-1180L			DESCRIPTION	
NO.	DATE			
1	12-2021		PHASE CHANGE (DRAFTING ONLY)	

2025-03-13 - BU-10A - RECORD DRAWING PLANS

SUM-76 / 77 / 8
10.99 / 11.54 / 0.00

PID No. 101402

40 / 41

933
1022

REINFORCING LIST - 3
SUM-76-1180L
IR-76 WESTBOUND OVER INMAN STREET

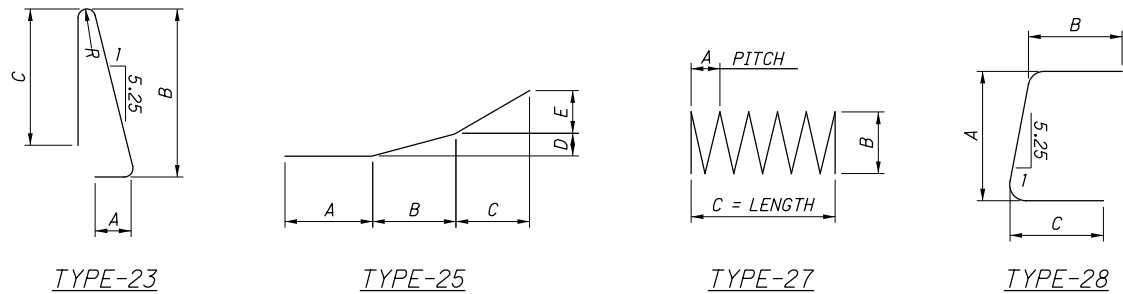
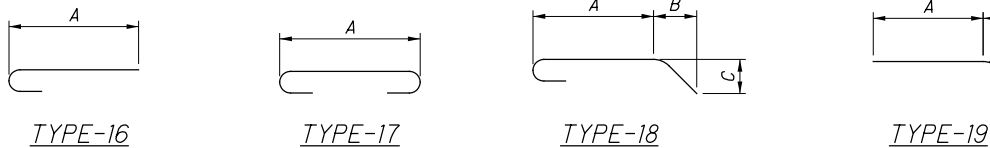
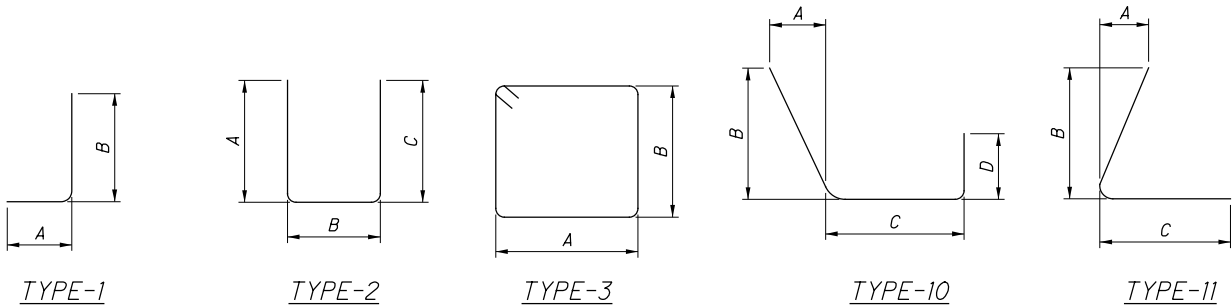
DESIGNED	DRH	CHECKED	RUS
DRAWN	NKM	REVISED	
REVIEWED	RCH	STRUCTURE FILE NUMBER	7706154
DATE	04/16/20		



p:\ANV\A01PW\NT01\parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Structures\SUM076_1180L\Sheets\076_1180L_SL204.dgn Sheet 1/11/2022 10:18:12 AM p006920F

MARK	NUMBER			TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	PHASE 3A		PHASE 4A					A	B	C	D	R	INC	
REAR APPROACH SLAB #														
AS501	27		27	54	24'-7"	1385	STR							
AS503	10		6	16	14'-1"	235	STR							
* AS504	57		57	114	25'-0"	2973	STR							
AS505	57			57	23'-10"	1471	STR							
* AS508	NOT USED													
AS509			55	55	22'-6"	1291	STR							
AS510			2	2	22'-5"	47	19	20'-10"	1'-6"	0'-6"				
AS1001	65		65	131	26'-0"	14656	16	24'-7"						
AS1003	11		8	19	17'-9"	1451	16	16'-4"						
AS1004	11		8	19	16'-4"	1335	STR							
SUB-TOTAL						24790								
REAR SLEEPER SLAB #														
SS501	47		44	91	7'-9"	736	STR							
* SS502	8		8	16	25'-0"	417	STR							
SS503	8			8	24'-3"	202	STR							
* SS505	NOT USED													
SS506			8	8	22'-8"	189	STR							
SUB-TOTAL						1544								

MARK	NUMBER			TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
	PHASE 3A		PHASE 4A					A	B	C	D	R	INC	
FORWARD APPROACH SLAB #														
AS502	26		25	51	24'-4"	1294	STR							
AS503	4		4	8	14'-1"	118	STR							
* AS504	57		57	114	25'-0"	2973	STR							
AS506	55			55	18'-3"	1047	STR							
AS507	2			2	17'-4"	36	19	15'-10"	1'-6"	0'-4"				
* AS508	NOT USED													
AS511			57	57	17'-6"	1040	STR							
AS1002	62		61	123	25'-9"	13629	16	24'-4"						
AS1003	5		5	10	17'-9"	764	16	16'-4"						
AS1004	5		5	10	16'-4"	703	STR							
SUB-TOTAL						21604								
FORWARD SLEEPER SLAB #														
SS501	40		38	78	7'-9"	630	STR							
* SS502	8		8	16	25'-0"	417	STR							
SS504	8			8	17'-6"	146	STR							
* SS505	NOT USED													
SS507			8	8	16'-4"	136	STR							
SUB-TOTAL						1329								



REVISIONS BY:		
PARSONS		
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LEGEND:

Δ - INDICATES BAR IS PLACED IN DOWEL HOLE

SR = SERIES

= REINFORCING SHOWN IS FOR INFORMATION ONLY AND IS INCLUDED WITH ITEM 526 - REINFORCED CONCRETE APPROACH SLAB WITH QC/QA (T=15"), AS PER PLAN. THE SUB-TOTAL REINFORCING STEEL WEIGHT IS NOT CARRIED TO THE ESTIMATED QUANTITIES SHEET.

* = REINFORCING BAR UTILIZES A MECHANICAL CONNECTOR BAR LENGTH IS MEASURED TO THE CONSTRUCTION JOINT WHERE BAR LENGTH IS MEASURED TO THE CENTER OF THE MECHANICAL CONNECTOR. EXTRA BAR LENGTH AND/OR BAR END PREPARATION MAY BE NECESSARY DEPENDING UPON THE TYPE OF MECHANICAL CONNECTOR FURNISHED.

NOTES:

- ALL REINFORCING STEEL SHALL BE EPOXY COATED.
- BAR SIZE: THE BAR SIZE IS INDICATED IN THE BAR MARK. THE MARK BEGINS WITH A LETTER THAT IDENTIFIES THE BAR LOCATION. THE NEXT ONE OR TWO DIGITS INDICATE THE BAR SIZE, AND THE REMAINING TWO DIGITS ARE THE SEQUENCE NUMBER.
EXAMPLE: S501
S = SUPERSTRUCTURE BAR
5 = #5 BAR
01 = SEQUENCE NUMBER 1
- BAR DIMENSIONS ARE SHOWN OUT-TO-OUT UNLESS OTHERWISE INDICATED.
- STR. IN THE BAR TYPE COLUMN INDICATES A STRAIGHT BAR.
- RAD. INDICATES INSIDE RADIUS, UNLESS OTHERWISE NOTED.
- INC. INDICATES THE LENGTH INCREMENT FOR SERIES BAR.
- SPIRAL REINFORCING BARS: THE "LENGTH" SHOWN IN THE STEEL LIST FOR THE SPIRAL BARS IS THE LENGTH ALONG THE AXIS OF THE SPIRAL. PROVIDE ONE AND ONE HALF CLOSED COIL TURNS AT THE ENDS OF EACH SPIRAL UNIT.
- DRILLED SHAFT REINFORCING BARS SHOWN ON SHEET 23/41