

CITY OF LYNNWOOD

PUBLIC WORKS DEPARTMENT

POPLAR WAY EXTENSION BRIDGE

CITY CONTRACT ID# 2266
FEDERAL AID PROJECT NO. IMD-STPUL-2004(037)

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CITY OFFICIALS:

MAYOR:

CHRISTINE FRIZZELL

COUNCIL MEMBERS:

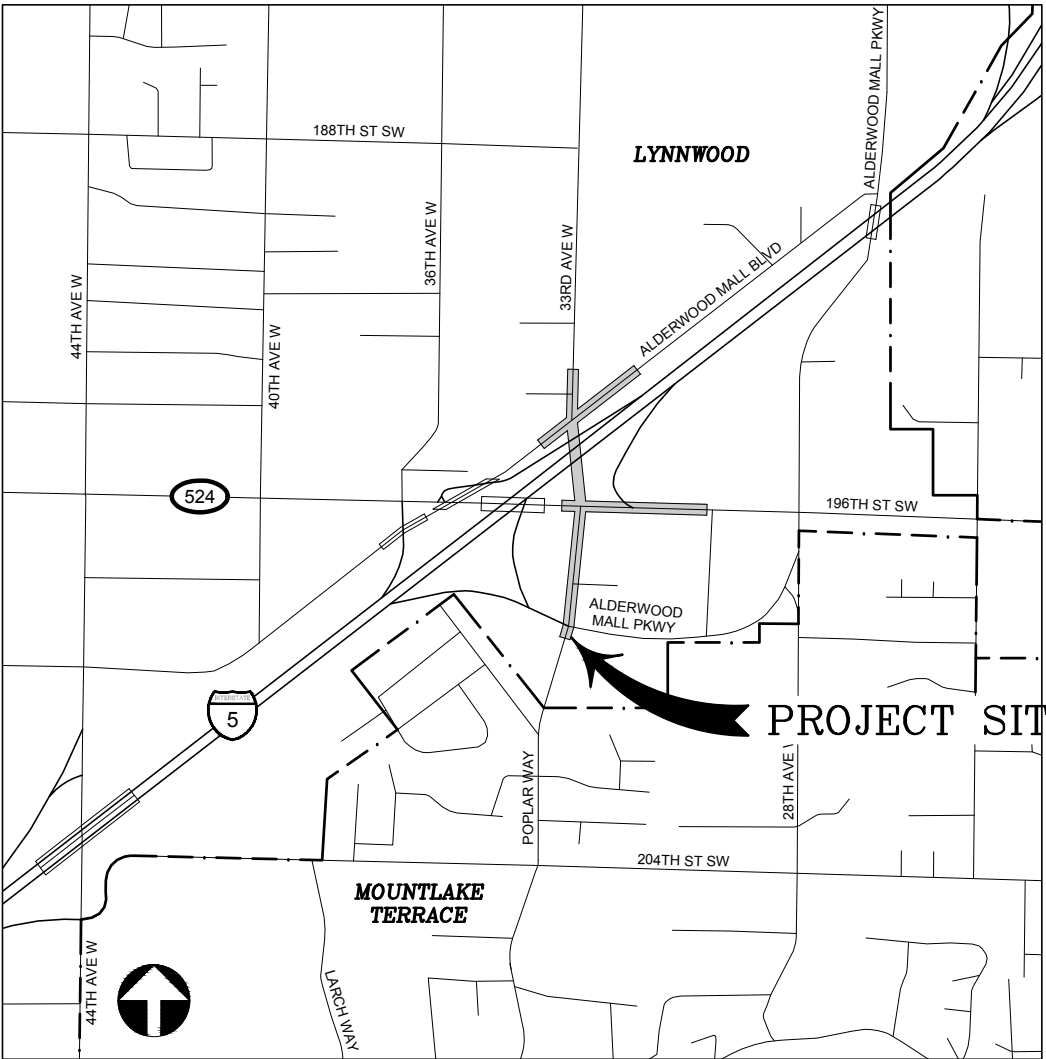
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CITY ENGINEER:

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VICINITY MAP

NOT TO SCALE

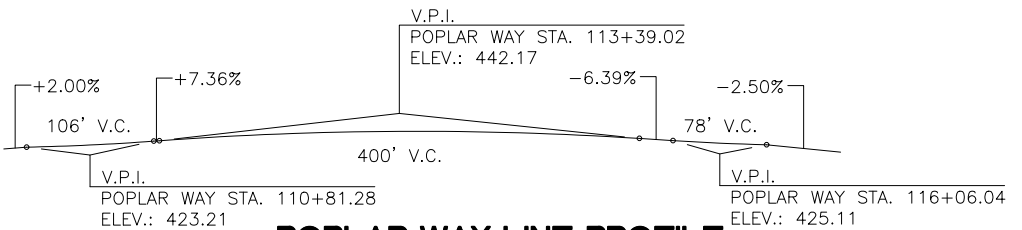
VOLUME 2 OF 2

 BORING LOCATION

NEW UTILITIES : N.A

NOTE:
EXISTING UTILITIES SHALL
BE REMOVED AS NOTED IN
CONTRACT PLANS

	BRIDGE MOUNTED PEDESTRIAN LIGHT POLE
	STRUCTURE MOUNTED ROADWAY LIGHT POLE
	JUNCTION BOX
	BELOW DECK LUMINARIES
	BARRIER MOUNTED COLOR LIGHTING



POPLAR WAY LINE PROFILE



100% REVIEW
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DATUM
NAVD-88

GRADE ELEVATIONS SHOWN ARE FINISH GRADE AT TOP OF
BRIDGE DECK ON POPLAR WAY LINE AND ARE EQUAL TO PROFILE GRADE.

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LYNNWOOD
WASHINGTON



Drawn By	Date
<u>ADH</u>	2/15/24
Designed By	
<u>EBB</u>	2/15/24
Checked By	
<u>TZ</u>	2/15/24
Approved By	

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
BRIDGE LAYOUT 1 OF

Drawing No.
BR1
Sheet No.
of Tot

SEC. 15, T. 27 N., R. 4 E., W.M.
CITY OF LYNNWOOD

CURVE DATA					
PI STATION	Δ	RADIUS	TANGENT	LENGTH	BACK TANGENT BEARING
POPLAR WAY LINE					
115+75.33	32°35'23" LT.	200'-0"	58.46'	113.76'	N 6°2'27" E
N-W LINE					
517+58.39	3°48'51" LT.	10,500'-0"	349.62'	698.98'	N 52°42'9" E
N-E LINE					
525+11.88	2°17'26"	10500'-5½"	209.92'	419.78'	N 52°42'9" E

SIDEWALK GEOMETRY		
POINT CALLOUT	POINT OF ANGLE CHANGE OR CURVATURE AT BARRIER	
	STATION	OFFSET
P1	115+13.33	38.00' LT.
P2	115+42.56	50.85' LT.
P3	115+49.12	53.94' LT.
P4	115+60.90	65.46' LT.
P5	115+88.07	92.75' LT.
P6	115+16.87	45.50' RT.
P7	115+83.11	45.50' RT.
P8	116+06.64	47.48' RT.
P9	116+27.19	53.51' RT.

NOTE: ALL POINTS ARE AT INSIDE FACE OF BARRIER

LEGEND:

EXISTING UTILITIES

—W—W— WATER MAIN
—OP—OP—OP OVERHEAD POWER
—SD—SD—SD STORM DRAIN
—BP—BP—BP BURIED POWER
—G—G— NATURAL GAS

● BORING LOCATION

NEW UTILITIES : N.A.

NOTE:
EXISTING UTILITIES SHALL
BE REMOVED AS NOTED IN
CONTRACT PLANS

* BRIDGE MOUNTED PEDESTRIAN LIGHT POLE
● STRUCTURE MOUNTED ROADWAY LIGHT POLE
■ JUNCTION BOX
□ BELOW DECK LUMINARIES
● BARRIER MOUNTED COLOR LIGHTING

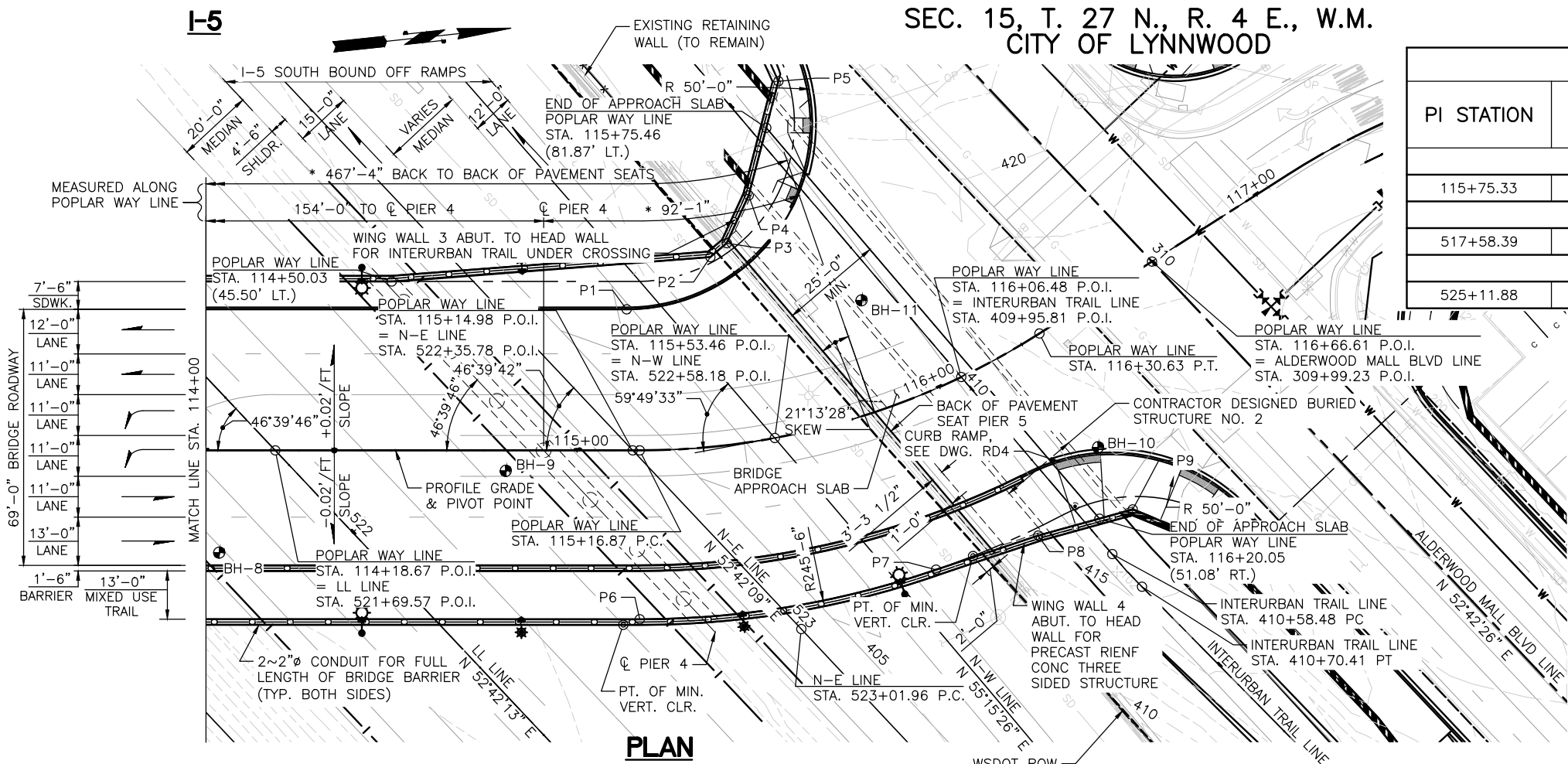
INTERURBAN TRAIL PROFILE

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SCALE
Horiz N/A
Vert N/A
Project Number 20100156

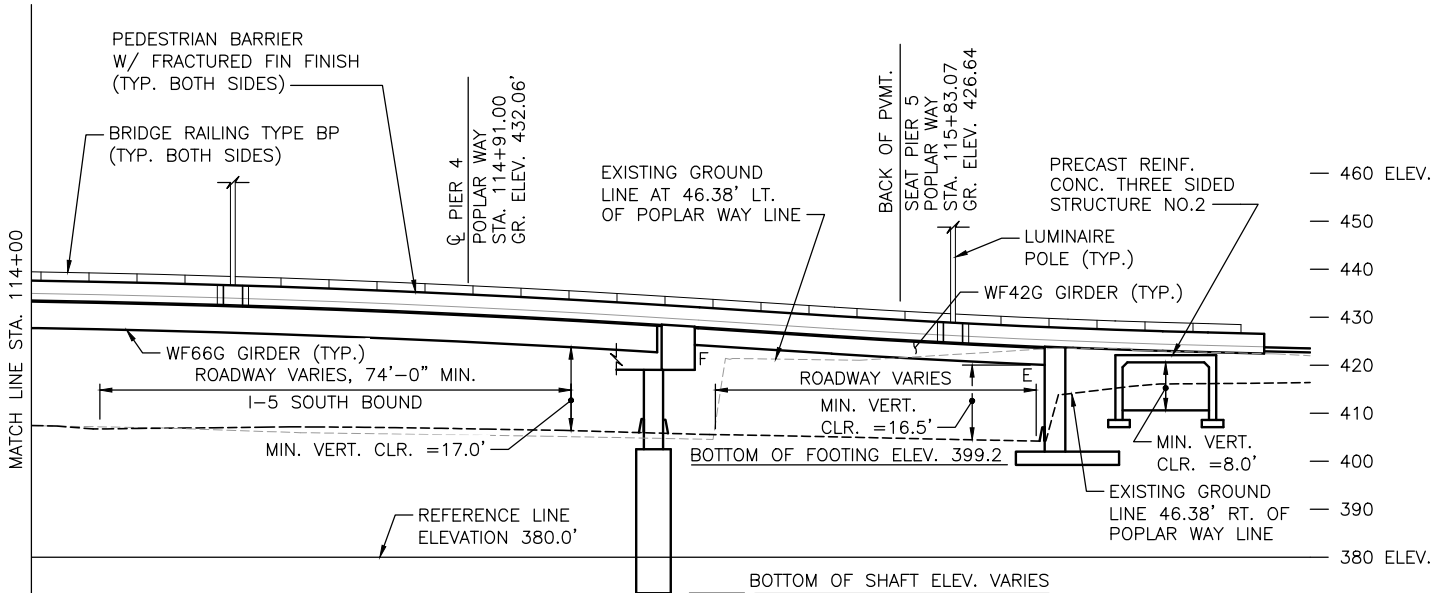
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
BRIDGE LAYOUT 2 OF 2

Drawing No.
BR2
Sheet No.
of Total



PLAN

BEARING OF PIER 4 IS N 52°42'13" E
BEARING OF PIER 5 IS N 55°35'51" E
* SPAN LENGTHS MEASURED ALONG POPLAR WAY LINE



ELEVATION

GRADE ELEVATIONS SHOWN ARE FINISH GRADE AT TOP OF
BRIDGE DECK ON POPLAR WAY LINE AND ARE EQUAL TO PROFILE GRADE.

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LYNNWOOD
WASHINGTON



Drawn By ADH
Designed By EBB
Checked By TZ
Approved By

Date 2/15/24

Date 2/15/24

Date 2/15/24

Date

GENERAL NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WSDOT "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" 2022 EDITION EXCEPT AS AMENDED BY THESE PLANS OR OTHER CONTRACT DOCUMENTS.
2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING.

A. WSDOT BRIDGE DESIGN MANUAL (M23-50) (BDM) WITH UPDATES AND APPLICABLE DESIGN MEMOS THROUGH JUNE 2022.

B. WSDOT GEOTECHNICAL DESIGN MANUAL (M46-03) (GDM), 2022 VERSION.

C. AASHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN (AASHTO GUIDE SPECS), 2ND EDITION, WITH INTERIM REVISIONS THROUGH 2022.

D. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (AASHTO LRFD), CUSTOMARY U.S. UNITS, 9TH EDITION.

E. HWA GEOSCIENCES INC. GEOTECHNICAL REPORT, APRIL 12, 2023.

3. DESIGN LOADS

- A. DEAD LOADS

STRUCTURAL STEEL490 lb/ft³

REINFORCED CONCRETE155 lb/ft³
- B. LIVE LOADS

AASHTO HL-93 VEHICULAR LIVE LOADING
- C. WIND LOAD

PER "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" WITH V=110mph
- D. THERMAL LOADS

DESIGN TEMPERATURE SEASONAL VARIATION64°F

CONCRETE

TEMPERATURE RISE36°F

TEMPERATURE FALL64°F

STEEL

TEMPERATURE RISE56°F

TEMPERATURE FALL64°F
- E. SEISMIC LOADS

DESIGN RESPONSE SPECTRA PARAMETERS

SITE CLASS: C

AsFEESEE0.2330.505

SDS0.5661.164

SD10.1590.393

4. MATERIALS

- A. CAST-IN-PLACE CONCRETE:

BRIDGE DECK SHALL BE CONCRETE CLASS 4000D

DRILLED SHAFTS SHALL BE CONCRETE CLASS 5000P

CROSSBEAM AND PIER DIAPHRAGMS SHALL BE CONCRETE CLASS 5000 AND 5000D AS NOTED IN THE PLANS

ALL OTHER CAST-IN-PLACE CONCRETE SHALL BE CONCRETE CLASS 4000
- B. REINFORCING STEEL IN THE BARRIERS, SIDEWALK, PRECAST-GIRDERS AND BRIDGE DECK SHALL CONFORM TO ASTM A706 GRADE 60 OR AASHTO M 31 GRADE 60. ALL OTHER REINFORCING IN THE BRIDGE SHALL BE ASTM A706 GRADE 60 UNLESS NOTED OTHERWISE. BARS IDENTIFIED WITH SHALL BE EPOXY COATED IN ACCORDANCE WITH AASHTO M284.
- C. PERMANENT STEEL CASINGS FOR DRILLED SHAFTS SHALL CONFORM TO ASTM A36.
- D. WELDING ELECTRODES SHALL CONFORM TO ANSI/AASHTO/AWS D1.5 OR AWS D1.1.
- E. GROUT:

ALL GROUT & EPOXY GROUT, AS NOTED IN THE SPECIFICATIONS, SHALL BE PREPACKAGED, NON-SHRINK GROUT, MIXED, PLACED AND CURED AS RECOMMENDED BY THE MANUFACTURER.
- F. UNDERDRAINS:

UNDERDRAIN PIPE BEHIND ABUTMENTS AND WING WALLS SHALL BE PERFORATED AND SHALL BE IN ACCORDANCE WITH STD. SPEC. SECTION 7-01-3(2). GRAVEL BACKFILL FOR DRAIN SHALL BE WRAPPED WITH NON-WOVEN GEOSYNTHETIC FABRIC CONFORMING TO THE REQUIREMENTS OF STD. SPEC. SECTION 9-33.2 FOR MODERATE SURVIVABILITY, CLASS B.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION. TEMPORARY SUPPORTS AND FALSEWORK SHALL BE GRADUALLY RELEASED TO PREVENT IMPACT OR UNDUE STRESSES IN THE STRUCTURE.
6. THE LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE VICINITY OF THE STRUCTURE SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO EXCAVATING, DRILLING SHAFTS, REMOVING WALL OR OTHER STRUCTURES, OR ANY CONSTRUCTION ACTIVITY THAT DISTURBS EXISTING GROUND.
7. THE BACK FILL BEHIND THE PIER 1 AND 5 ABUTMENTS SHALL BE PLACED PRIOR TO PLACEMENT OF THE SUPERSTRUCTURE.
8. CONDUITS, JUNCTION BOXES AND UTILITIES ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL COORDINATE THESE PLANS WITH ELECTRICAL, ITS AND OTHER CIVIL PLANS.
9. UNLESS OTHERWISE NOTED IN THE PLANS, ALL DIMENSIONS ARE HORIZONTAL AND VERTICAL BASED ON A TEMPERATURE OF 64° F (MEAN TEMPERATURE DURING CONSTRUCTION). DIMENSIONS SHALL NOT BE DETERMINED BY SCALING FROM DRAWINGS.
10. UNLESS OTHERWISE SHOWN ON THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE ANY REINFORCEMENT BAR SHALL BE 2½" AT THE TOP OF THE DECK, 1" AT THE BOTTOM OF THE DECK, 2" AT THE COLUMNS AND SURFACES EXPOSED TO SOIL, 3" AT BOTTOM OF FOOTINGS, 2" FOR MAIN REINFORCING STEEL AND 1½" FOR TIES AND STIRRUPS. ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE NOTED ON THE PLANS.
11. UNLESS OTHERWISE SHOWN ON THE PLANS, ALL EXTERIOR CORNERS AND EDGES SHALL HAVE A ¾" CHAMFER.
12. UNLESS NOTED OTHERWISE, MINIMUM LAP SPLICE LENGTHS SHALL BE AS FOLLOWS:

		TOP BARS*	OTHERS			TOP BARS*	OTHERS
#4	BAR =	2'-0"	2'-0"	#4	▽ BAR =	2'-6"	2'-0"
#5	BAR =	2'-7"	2'-0"	#5	▽ BAR =	3'-1"	2'-6"
#6	BAR =	3'-1"	2'-4"	#6	▽ BAR =	3'-8"	3'-0"
#7	BAR =	3'-7"	2'-9"	#7	▽ BAR =	4'-3"	3'-9"
#8	BAR =	4'-7"	3'-3"	#8	▽ BAR =	5'-7"	4'-11"
#9	BAR =	5'-9"	4'-2"	#9	▽ BAR =	7'-0"	6'-2"
#10	BAR =	7'-4"	5'-3"	#10	▽ BAR =	8'-11"	7'-10"
#11	BAR =	9'-0"	6'-5"	#11	▽ BAR =	10'-11"	9'-8"
▽ DENOTES EPOXY COATED BARS							

ALL LAP SPLICES SHALL BE STAGGERED. *TOP BARS ARE BARS WHICH ARE PLACED SUCH THAT MORE THAN 12" OF FRESH CONCRETE IS PLACED BELOW THE BARS.

13. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS PRIOR TO SHOP FABRICATION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. ALL SHOP DRAWINGS SHALL BE SUBMITTED PRIOR TO FABRICATION, IN ACCORDANCE WITH SPECIFICATIONS.

14. THE NOMINAL SHAFT CAPACITY WITHOUT GROUP EFFECT SHALL BE TAKEN AS:

NOMINAL SHAFT CAPACITY (KIPS) PER SHAFT

PIER NO.	SERVICE 1 LIMIT STATE	STRENGTH 1 LIMIT STATE		EXTREME EVENT 1 LIMIT STATE	
	TOTAL RESISTANCE AT SETTLEMENT OF 1"	SKIN FRICTION	END BEARING	SKIN FRICTION	END BEARING
2	3300	1480	1100	2700	2200
3	3600	1650	1100	3000	2200
4	3700	1700	1100	3100	2200

NOTE: THE AXIAL CAPACITY MULTIPLIER TO ACCOUNT FOR GROUP EFFECTS OF 0.66 IS NOT INCLUDED IN THESE VALUES.

15. THE BEARING CAPACITY OF SPREAD FOOTINGS SHALL BE TAKEN AS:

BEARING CAPACITY (PSF)

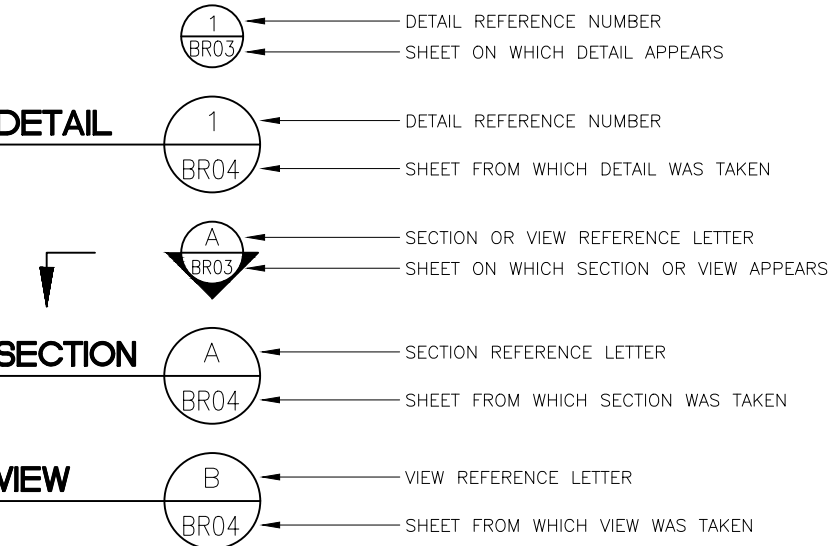
ABUTMENT NO.	SERVICE 1 LIMIT STATE (1" SETTLEMENT)	STRENGTH 1 LIMIT STATE	EXTREME EVENT 1 LIMIT STATE
1	10,800	7,680	19,200
5	13,000	8,320	20,800

FEDERAL AID NO. IMD-STPUL-2004(037)

ABBREVIATIONS:

ABT	ABUTMENT	MAX	MAXIMUM
ALT	ALTERNATE	MIN	MINIMUM
@	AT	MIR	MIRROR
BK	BACK		
BRG	BEARING	NF	NEAR FACE
BOT	BOTTOM	NTS	NOT TO SCALE
BTWN	BETWEEN		
		OC	ON CENTER
CG	CENTER OF GRAVITY		
CL	CENTER LINE	PC	POINT OF CURVATURE
CLR	CLEAR	POI	POINT OF INTERSECTION
CONC	CONCRETE	PVMT	PAVEMENT
CONST	CONSTRUCTION	PS	PRESTRESSED
CONT	CONTINUOUS	PSF	POUNDS PER SQUARE FOOT
CSL	CROSSHOLE SONIC LOG	PT	POINT OF TANGENCY
DIAPH	DIAPHRAGM	REINF	REINFORCEMENT, REINFORCED
DWG	DRAWING	RT	RIGHT
		ROW	RIGHT OF WAY
		RDWY	ROADWAY
EA	EACH		
EF	EACH FACE		
ELEV	ELEVATION	SHLDR	SHOULDER
▽	EPOXY COATED REBAR	SDWK	SIDEWALK
EQ	EQUAL	SPA	SPACING
ES	EACH SIDE	SPEC	SPECIFICATION
		STD	STANDARD
		STA	STATION
		STIRR	STIRRUP
GR	GRADE	TEMP	TEMPORARY
		TOC	TOP OF COLUMN
HS	HIGH STRENGTH	TRANSV	TRANSVERSE
HORIZ	HORIZONTAL	TYP	TYPICAL
JT	JOINT	VERT	VERTICAL
		VC	VERTICAL CURVE
KIPS	1,000 POUNDS	VPI	VERTICAL POINT OF INTERSECTION
LN	LANE	W/	WITH
LT	LEFT	WP	WORK POINT
LB	POUND		
LONGIT	LONGITUDINAL		

LEGEND



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No.	Date	Revision	By	Appr.	

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LYNNWOOD
WASHINGTON



Drawn By ADH
Designed By EBB
Checked By TZ
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

GENERAL NOTES

Drawing No. BR3
Sheet No. _____
of Total

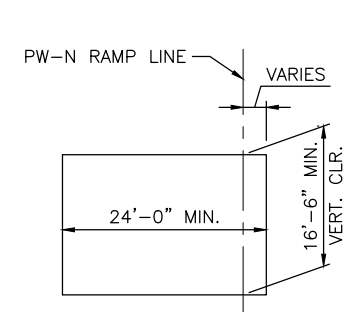
Existing Elevations at PW-N Ramp (NB I-5 Ramp from Poplar Way)						
PW-N Ramp Station	LT Offset	LT Elevation	Mid. Offset	Mid. Elevation	RT Offset	RT Elevation
519+20.00	5.5	405.32	18.2	405.13	27.3	404.89
519+28.04	5.5	405.27	18.2	405.08	27.3	404.86
519+30.00	5.5	405.26	18.2	405.07	27.3	404.85
519+37.08	5.6	405.22	18.3	405.03	27.3	404.82
519+40.00	5.6	405.20	18.3	405.02	27.4	404.80
519+49.67	5.6	405.14	18.3	404.96	27.4	404.76
519+50.00	5.7	405.14	18.3	404.96	27.4	404.76
519+60.00	5.7	405.08	18.3	404.90	27.4	404.68
519+70.00	5.8	405.03	18.4	404.84	27.4	404.59
519+80.00	5.8	404.97	18.4	404.77	27.4	404.50
519+90.00	5.9	404.91	18.3	404.70	27.3	404.41
519+92.36	5.9	404.90	18.3	404.68	27.3	404.39
520+00.00	5.9	404.84	18.3	404.63	27.3	404.35
520+01.35	5.9	404.83	18.3	404.62	27.3	404.34
520+10.00	5.9	404.78	18.3	404.56	27.2	404.30
520+13.63	6.0	404.76	18.3	404.53	27.2	404.28
520+20.00	6.0	404.72	18.3	404.49	27.1	404.25
520+30.00	6.1	404.65	18.3	404.43	27.1	404.20
520+40.00	6.2	404.59	18.2	404.36	27.1	404.15
520+50.00	6.2	404.52	18.2	404.30	27.1	404.11
520+56.83	6.3	404.48	18.2	404.27	27.1	404.09
520+60.00	6.3	404.47	18.2	404.25	27.2	404.08
520+65.77	6.0	404.44	18.2	404.22	27.2	404.05
520+70.00	6.3	404.42	18.2	404.20	27.2	404.02
520+77.59	6.4	404.38	18.2	404.16	27.3	403.97
520+80.00	6.4	404.37	18.2	404.15	27.3	403.95
520+90.00	5.9	404.32	18.2	404.10	27.3	403.89
521+00.00	5.5	404.26	18.3	404.04	27.3	403.82

Existing Elevations at LR Line (NB I-5 Mainline)					
I-5 LR Station	CL Elevation	LT Offset	LT Elevation	RT Offset	RT Elevation
519+60.00	405.88	34.2	405.04	25.1	405.36
519+66.33	405.83	34.2	405.01	25.0	405.32
519+70.00	405.80	34.2	404.99	25.1	405.30
519+80.00	405.74	34.2	404.93	25.1	405.23
519+90.00	405.68	34.1	404.87	25.2	405.17
520+00.00	405.62	34.1	404.80	25.2	405.10
520+10.00	405.56	34.1	404.74	25.2	405.04
520+20.00	405.50	34.2	404.65	25.2	404.98
520+22.26	405.49	34.2	404.63	25.2	404.96
520+30.00	405.45	34.2	404.56	25.2	404.91
520+40.00	405.40	34.3	404.48	25.2	404.85
520+50.00	405.35	34.4	404.40	25.2	404.78
520+60.00	405.24	34.3	404.36	25.2	404.72
520+70.00	405.18	34.2	404.31	25.2	404.66
520+80.00	405.12	34.2	404.26	25.2	404.61
520+90.00	405.05	34.2	404.18	25.2	404.55
520+91.30	405.04	34.2	404.17	25.2	404.54
521+00.00	404.98	35.6	404.03	25.2	404.47
521+10.00	404.92	37.2	403.89	25.2	404.40
521+15.12	404.88	37.4	403.86	25.2	404.36
521+20.00	404.85	37.5	403.83	25.2	404.33
521+30.00	404.78	37.8	403.76	25.2	404.26
521+40.00	404.71	37.9	403.70	25.2	404.19
521+50.00	404.65	37.8	403.64	25.2	404.11
521+50.81	404.64	37.8	403.64	25.2	404.11
521+60.00	404.58	37.8	403.59	25.2	404.04

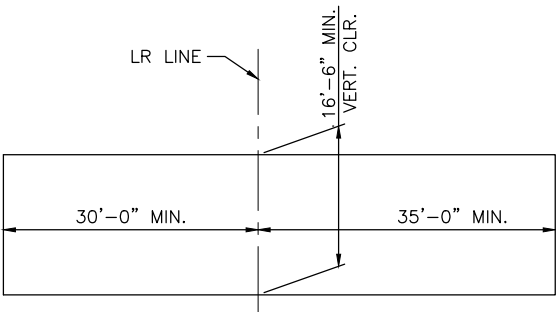
Existing Elevations at LL Line (SB I-5 Mainline)					
I-5 LL Station	CL Elevation	LT Offset	LT Elevation	RT Offset	RT Elevation
520+70.00	408.23	44.9	407.01	35.1	407.62
520+73.91	408.21	44.9	407.00	35.1	407.60
520+80.00	408.18	45.0	406.97	35.1	407.57
520+90.00	408.13	45.1	406.93	35.1	407.51
521+00.00	408.07	45.3	406.89	35.1	407.46
521+07.00	408.04	45.4	406.87	35.1	407.42
521+10.00	408.02	45.5	406.86	35.0	407.41
521+20.00	407.97	45.7	406.82	35.1	407.36
521+30.00	407.92	45.9	406.79	35.1	407.31
521+40.00	407.86	45.9	406.76	35.1	407.26
521+50.00	407.81	46.0	406.75	35.2	407.21
521+50.44	407.81	46.0	406.75	35.2	407.21
521+60.00	407.76	46.1	406.74	35.1	407.15
521+70.00	407.71	46.1	406.73	35.1	407.09
521+80.00	407.65	46.2	406.68	35.0	407.02
521+90.00	407.60	46.2	406.64	34.9	406.96
521+99.13	407.54	46.2	406.60	34.9	406.90
522+00.00	407.54	46.2	406.60	34.9	406.90
522+10.00	407.48	46.2	406.55	34.9	406.84
522+20.00	407.42	46.2	406.49	34.9	406.78
522+30.00	407.37	46.2	406.44	34.9	406.73
522+32.13	407.35	46.2	406.43	35.0	406.72
522+40.00	407.31	46.2	406.38	35.0	406.67
522+50.00	407.25	46.2	406.34	35.0	406.62
522+60.00	407.20	46.2	406.30	35.1	406.57
522+70.00	407.14	46.1'	406.26	35.3'	406.43
522+75.49	407.12	46.1'	406.24	35.6'	406.34
522+80.00	407.09	46.1'	406.23	35.3'	406.32

Existing Elevations at N-E Line (East SB I-5 Off Ramp)					
N-E Line Station	CL Elevation	LT Offset	LT Elevation	RT Offset	RT Elevation
521+50.00	405.81	8.0	405.67	11.2	405.97
521+60.00	405.78	8.0	405.64	11.2	405.92
521+62.63	405.78	8.0	405.63	11.2	405.91
521+70.00	405.75	8.0	405.61	11.2	405.88
521+73.21	405.74	8.0	405.60	11.2	405.86
521+80.00	405.72	8.0	405.57	11.2	405.83
521+80.80	405.72	8.0	405.56	11.2	405.82
521+90.00	405.68	8.0	405.52	11.3	405.78
522+00.00	405.64	8.0	405.48	11.3	405.73
522+10.00	405.61	8.0	405.44	11.3	405.68
522+20.00	405.57	8.0	405.40	11.3	405.64
522+25.18	405.55	8.0	405.38	11.2	405.62
522+30.00	405.54	8.0	405.37	11.2	405.60
522+40.00	405.50	8.0	405.33	11.2	405.55
522+43.11	405.49	8.0	405.32	11.1	405.55
522+50.00	405.47	8.0	405.29	11.2	405.55
522+60.00	405.43	8.0	405.25	11.2	405.55
522+70.00	405.40	8.0	405.22	11.2	405.55
522+80.00	405.37	8.0	405.19	11.2	405.54
522+86.11	405.35	8.0	405.17	11.2	405.53
522+90.00	405.34	8.0	405.16	11.2	405.52
522+94.23	405.33	8.0	405.15	11.2	405.51
522+99.52	405.31	8.0	405.13	11.2	405.50
523+00.00	405.31	8.0	405.13	11.2	405.49
523+10.00	405.28	8.0	405.10	11.2	405.47

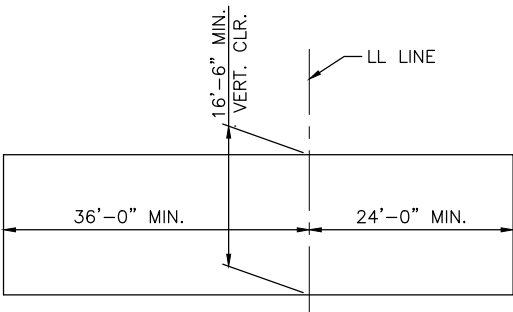
Existing Elevations at N-W Line (West SB I-5 Off Ramp)					
N-W Line Station	CL Elevation	LT Offset	LT Elevation	RT Offset	RT Elevation
521+90.00	405.13	22.8	404.69	6.4	405.27
521+96.94	405.07	22.8	404.65	6.4	405.20
522+00.00	405.06	22.8	404.63	6.4	405.21
522+02.32	405.04	22.8	404.62	6.4	405.20
522+10.00	405.01	22.8	404.57	6.5	405.16
522+10.47	405.01	22.8	404.57	6.5	405.16
522+20.00	404.96	22.8	404.51	6.6	405.12
522+30.00	404.92	22.7	404.48	6.6	405.07
522+40.00	404.88	22.6	404.47	6.6	405.03
522+50.00	404.84	22.5	404.46	6.7	404.98
522+54.12	404.83	22.5	404.45	6.7	404.97
522+60.00	404.81	22.5	404.44	6.7	404.95
522+69.35	404.78	22.4	404.41	6.7	404.92
522+70.00	404.74	22.4	404.40	6.7	404.92
522+80.00	404.74	22.4	404.36	6.8	404.89
522+90.00	404.71	22.3	404.32	6.8	404.86
523+00.00	404.67	22.3	404.26	6.8	404.83
523+06.04	404.65	22.3	404.23	6.8	404.80
523+09.18	404.64	22.3	404.21	6.8	404.79
523+10.00	404.64	22.3	404.20	6.8	404.79
523+17.80	404.63	22.4	404.19	6.8	404.78
523+20.00	404.62	22.4	404.19	6.8	404.78



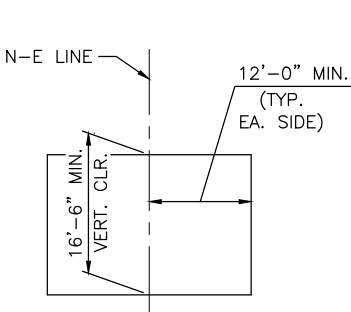
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(PW-N RAMP)



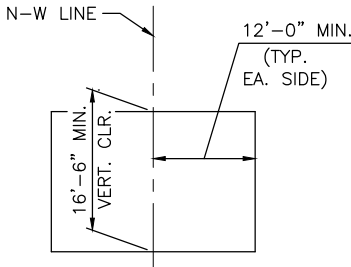
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(NB I-5)



CONSTRUCTION
OPENING DIAGRAM
(SB I-5)



CONSTRUCTION
OPENING DIAGRAM
(N-E RAMP)



CONSTRUCTION
OPENING DIAGRAM
(N-W RAMP)

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Layout Name: I-5 Roadway Elevations

No.	Date	Revision	By	Appr.

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Designed By
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Checked By
PERTEET
Approved By

Date
2/15/24
2/15/24
2/15/24

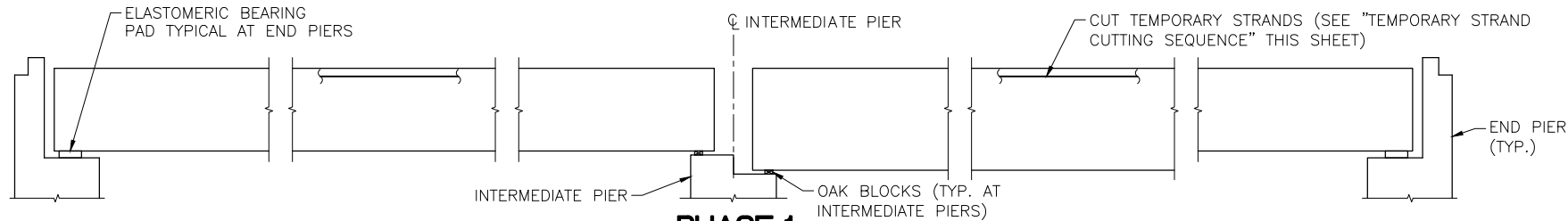
SCALE
Horiz
N/A
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
I-5 ROADWAY ELEVATIONS

Drawing No.
BR4
Sheet No.

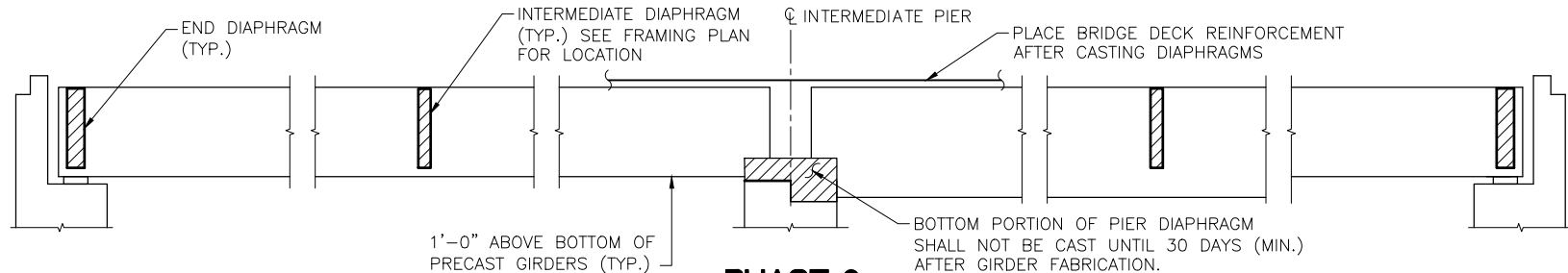
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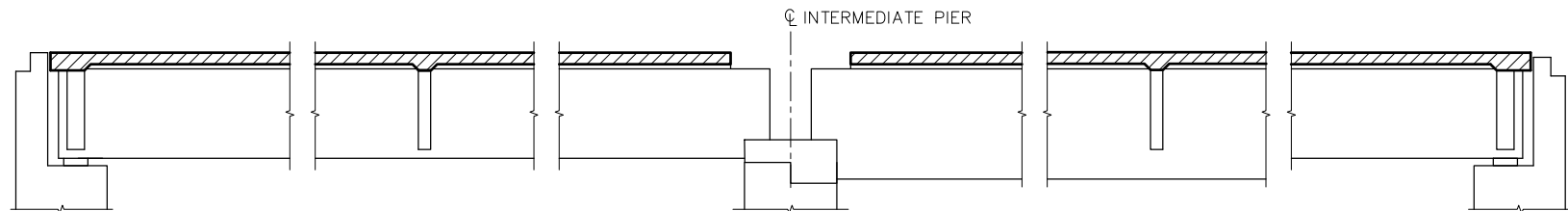
PHASE 1
SET GIRDERS IN PLACE

INSTALL TEMPORARY BRACING FOR ERECTION IN ACCORDANCE WITH WSDOT STD. SPEC. SECTION 6-02.3(17)F.

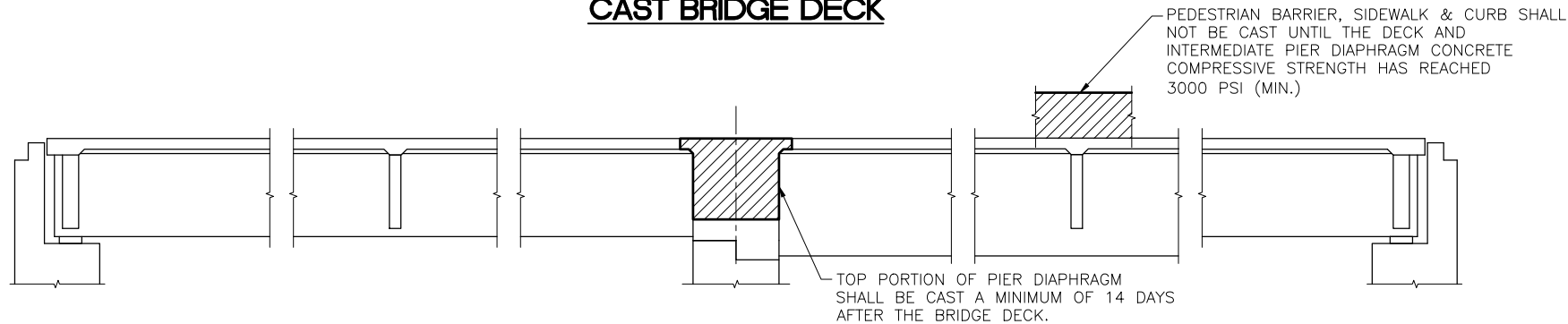


PHASE 2
CAST DIAPHRAGMS AND PLACE BRIDGE DECK REINFORCEMENT

INSTALL TEMPORARY BRACING FOR DIAPHRAGM AND DECK PLACEMENT IN ACCORDANCE WITH WSDOT STD. SPEC. SECTION 6-02.3(17)F. PIERS 2 & 4 SHOWN. PIER 3 SIMILAR TO LEFT SIDE ONLY



PHASE 3
CAST BRIDGE DECK



PHASE 4
COMPLETE DIAPHRAGMS

NOTE:
NO LIVE LOAD SHALL BE ALLOWED ON THE SPANS UNTIL THE COMPRESSIVE STRENGTH OF THE TOP PORTION OF THE PIER DIAPHRAGM HAS REACHED 3000 PSI (MIN.) AND ALL DECK CONCRETE HAS BEEN CURED IN ACCORDANCE WITH THE SPECIFICATIONS.

CONSTRUCTION SEQUENCE - SUPERSTRUCTURE

SCALE: NOT TO SCALE

TEMPORARY STRAND CUTTING SEQUENCE

1. ERECT AND BRACE GIRDERS.
2. REMOVE EXPANDED POLYSTYRENE IN 2"x6" RECESSES IN TOP FLANGE OF GIRDERS.
3. CUT STRANDS IN 2"x6" RECESSES. STRANDS MAY BE CUT BY USING A CUTTING TORCH AND MOVING THE FLAME BACK AND FORTH OVER THE LENGTH OF EXPOSED STRAND TO LET INDIVIDUAL WIRES BREAK ONE AT A TIME TO LESSEN THE SHOCK TO THE GIRDER. STRANDS SHALL BE RELEASED IN A SYMMETRICAL MANNER AROUND THE GIRDER CENTERLINE STARTING WITH THOSE NEAREST THE CENTERLINE AND WORKING OUTWARDS.
4. REMOVE ALL MOISTURE IN RECESS PRIOR TO FILLING RECESS WITH GROUT.

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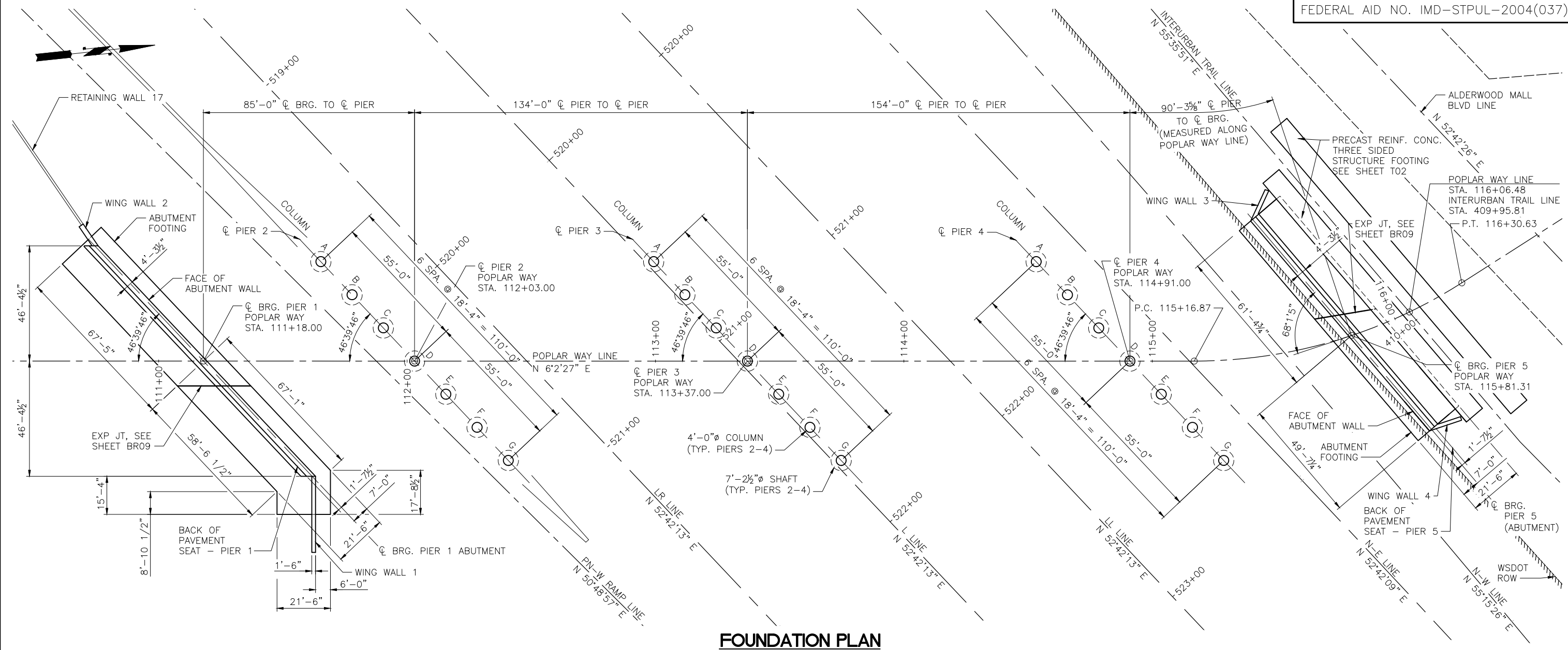
Drawn By ADH Date 2/15/24
Designed By EBB Date 2/15/24
Checked By TZ Date 2/15/24
Approved By _____

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
CONSTRUCTION SEQUENCE

Drawing No. **BR5**
Sheet No. _____
of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



FOUNDATION PLAN

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER

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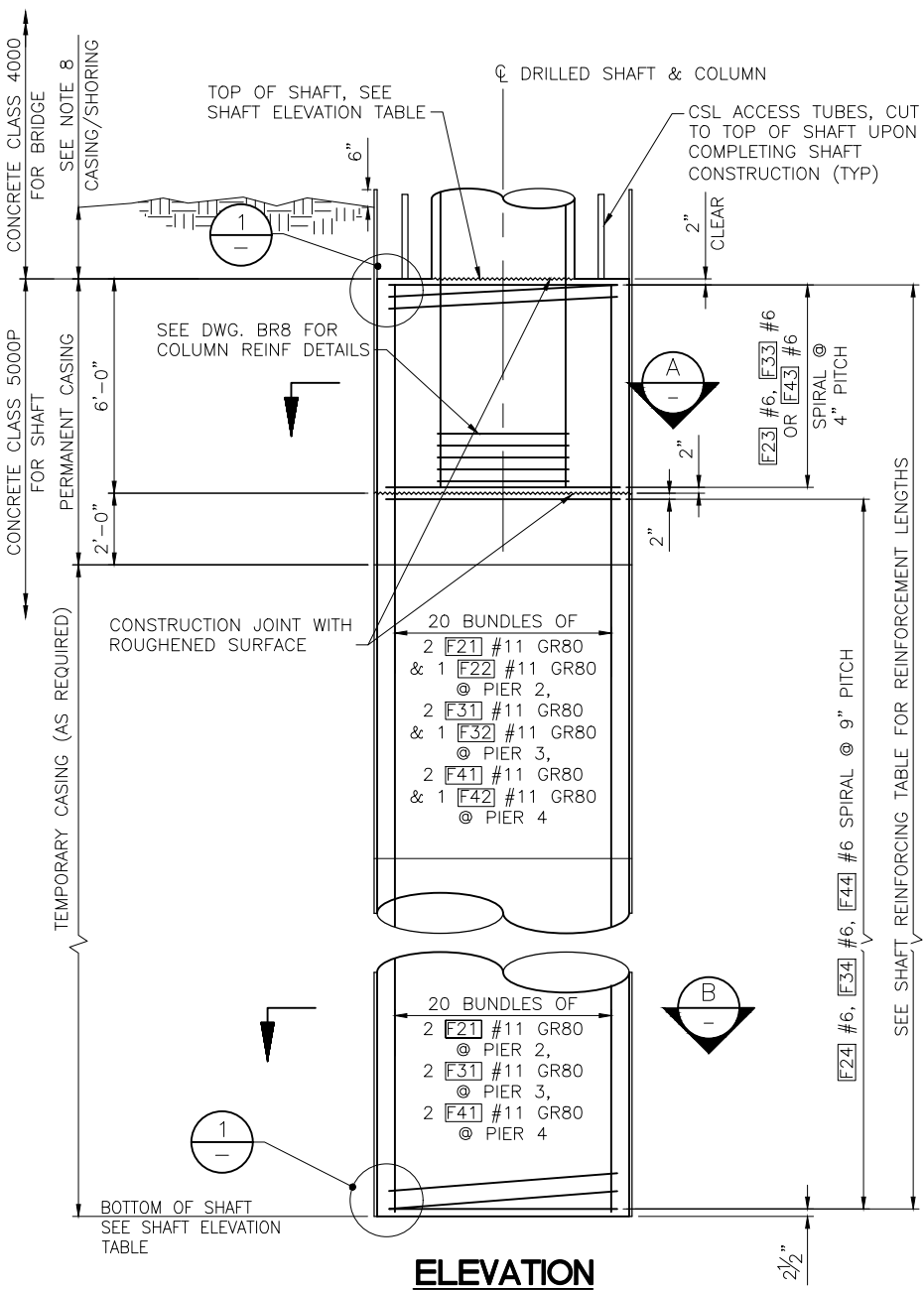


Drawn By: ADH
Designed By: DP
Checked By: EBB
Approved By: _____
Date: 2/15/24
Date: 2/15/24
Date: 2/15/24

SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

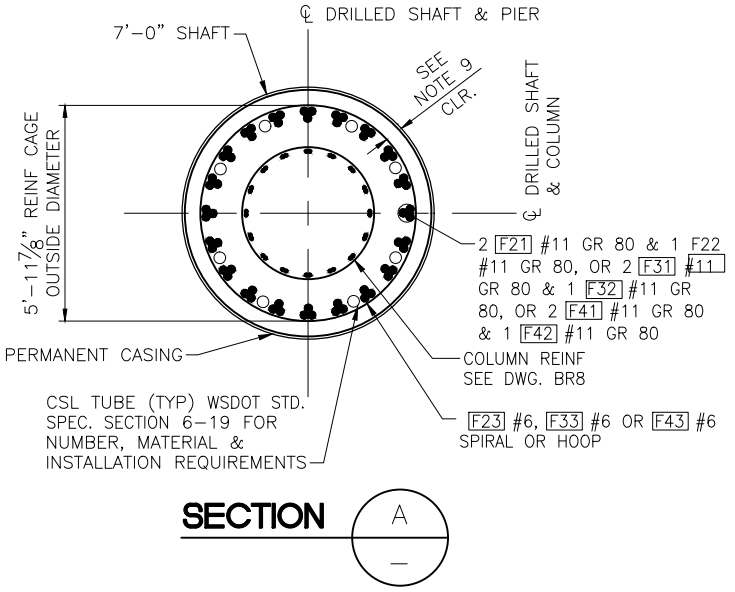
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
FOUNDATION LAYOUT

Drawing No. **BR6**
Sheet No. _____
of Total

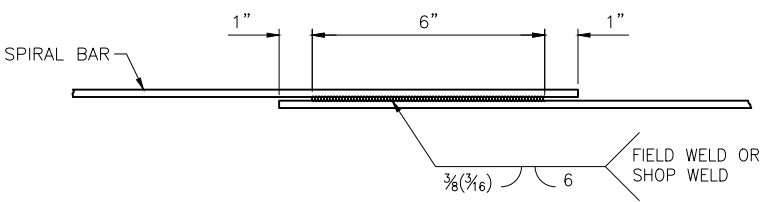


SHAFT REINFORCING TABLE

SHAFT DEPTH PIERS 2 & 4	SHAFT DEPTH PIER 3	SPIRAL REINFORCING	LONG. REINFORCING
0'-0" - 6'-0"	0'-0" - 6'-0"	#6 @ 4"	20 BUNDLES OF 2 #11 & 1 #11
6'-0" - 26'-0"	6'-0" - 35'-0"	#6 @ 9"	20 BUNDLES OF 2 #11 & 1 #11
26'-0" - 33'-0"	35'-0" - 45'-0"	#6 @ 9"	20 BUNDLES OF 2 #11

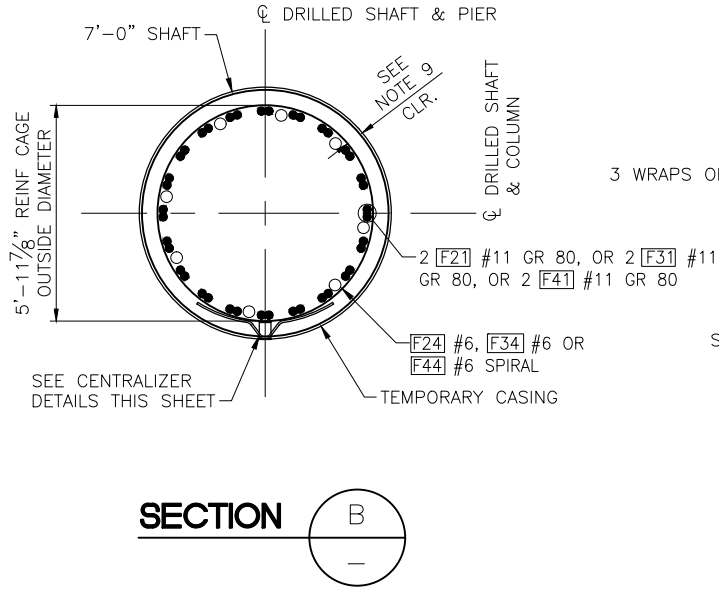


WELDED SPLICE DETAIL
SEE NOTE 7

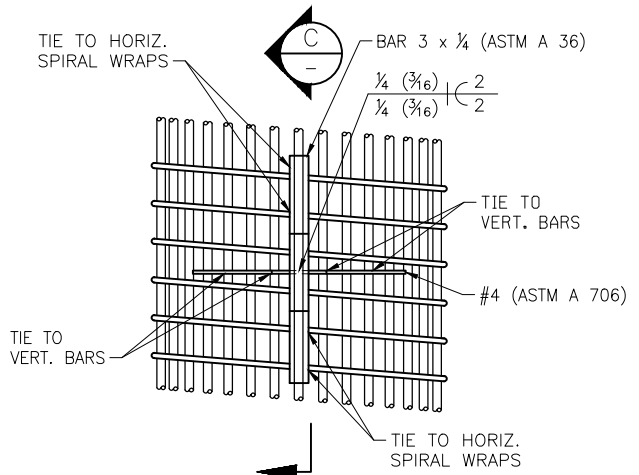


SHAFT ELEVATION TABLE

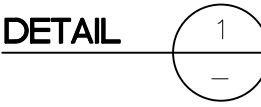
PIER NO.	TOP OF SHAFT ELEVATION						
	SHAFT						
	A	B	C	D	E	F	G
2	400.5	400.8	401.1	401.4	401.7	402.1	402.5
3	407.4	407.1	406.9	406.7	406.5	406.3	406.1
4	402.5	402.5	402.5	402.0	401.5	401.0	400.5
PIER NO.	BOTTOM OF SHAFT ELEVATION						
	SHAFT						
	A	B	C	D	E	F	G
2	367.5	367.8	368.1	368.4	368.7	369.1	369.5
3	362.4	362.1	361.9	361.7	361.5	361.3	361.1
4	369.5	369.5	369.5	369.0	368.5	368.0	367.5



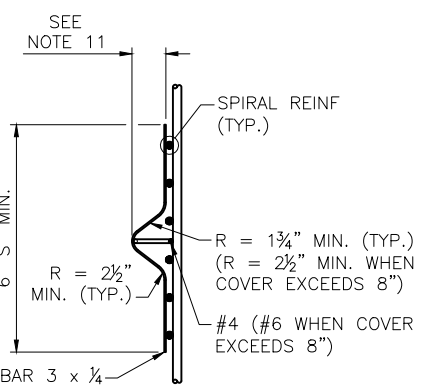
CENTRALIZER DETAIL
SEE NOTES 3, 4, 5, AND 6



SPIRAL TERMINATION



SECTION C



GENERAL NOTES:

- REMOVE SEDIMENT LAITENCE AND WEAK CONCRETE TO SOUND CONCRETE PRIOR TO SETTING COLUMN REINFORCEMENT.
- ALL SPIRALS SHALL HAVE WELDED LAP SPLICES. SEE WELDED LAP SPLICE DETAIL.
- SEE STANDARD SPECIFICATION 6-19.3(5)B FOR SPACING REQUIREMENTS.
- EACH LEG SHALL BE TIED TO TWO (2) VERTICAL BAR AND TWO (2) SPIRAL WRAPS OR TWO (2) HOOPS.
- CENTRALIZERS SHALL BE EPOXY COATED OR PAINTED WITH PAINT CONFORMING TO STANDARD SPECIFICATION 9-08.1(2)c OR 9-08.1(2)f AFTER FABRICATION.
- CAGECASTER(R) REBAR CAGE SPACERS BY FOUNDATION TECHNOLOGIES MAY BE USED IN LIEU OF DETAIL SHOWN. SPACING REQUIREMENTS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. EACH LEG SHALL BE TIED TO A MINIMUM OF TWO (2) SPIRAL WRAPS OR HOOPS.

GENERAL NOTES CONT'D:

- WELDING SHALL MEET THE REQUIREMENTS OF STANDARD SPECIFICATIONS 6-02.3(24)E.
- INSTALL TOP CASING SHORING TO ELEVATION +405FT OR THE GROUND SURFACE, WHICHEVER IS HIGHER.
- SEE STANDARD SPECIFICATION 6-19.3(5)C FOR MINIMUM CONCRETE COVER.
- LONGITUDINAL SHAFT REINFORCEMENT SHALL CONFORM TO ASTM A706 GRADE 80 OR AASHTO M 31 GRADE 80.
- MINIMUM CONCRETE COVER MINUS 1/2".

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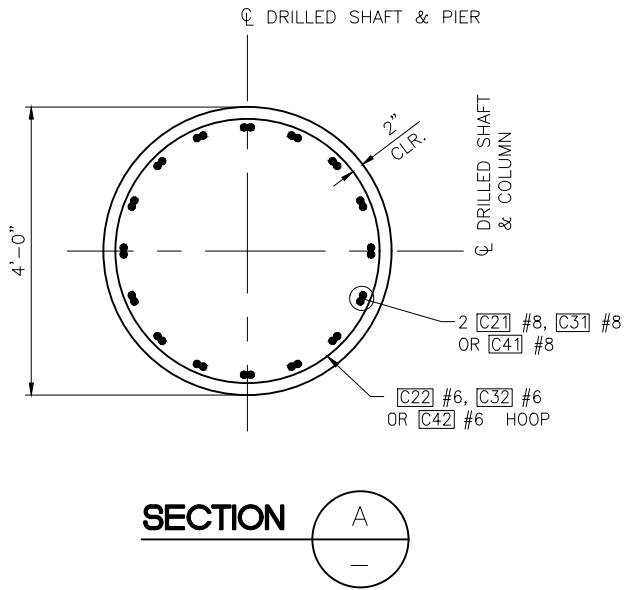
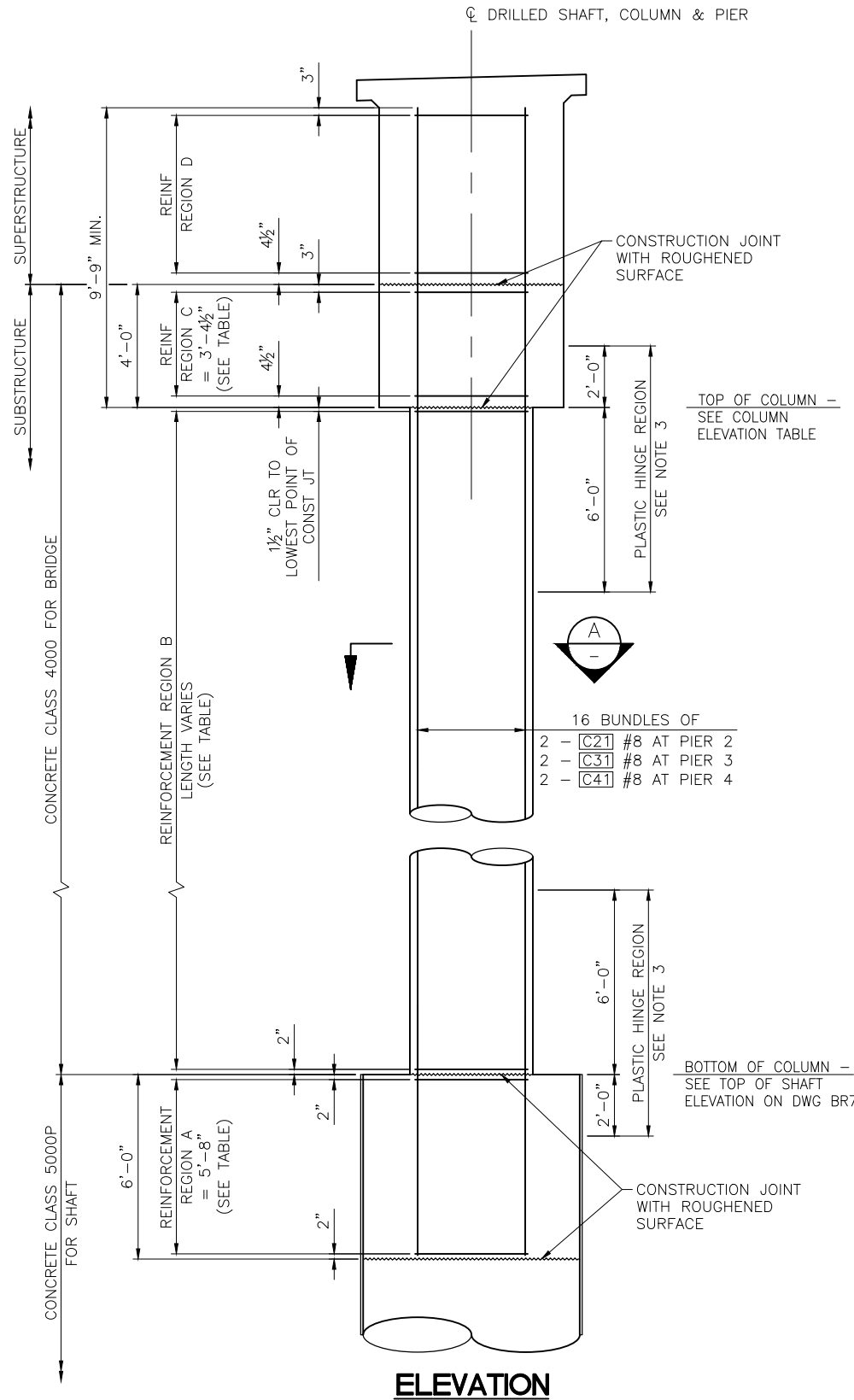
Drawn By
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Designed By
DP
Checked By
EBB
Approved By
Date
2/15/24
2/15/24
2/15/24

SCALE
Horiz
Vert
N/A
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIERS 2 THRU 4 SHAFT DETAILS

Drawing No.
BR7
Sheet No.
of Total

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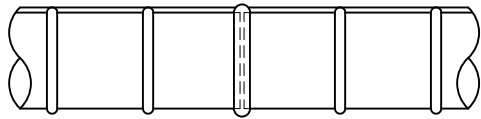


COLUMN REINFORCING TABLE

PIER NO.	HOOP REINFORCING				
	BAR MARK	REGION A	REGION B	REGION C	REGION D
2	C22	#6 @ 4"	#6 @ 4"	#6 @ 4"	#6 @ 9.75" MAX
3	C32	#6 @ 4"	#6 @ 4"	#6 @ 4"	#6 @ 9.75" MAX
4	C42	#6 @ 4"	#6 @ 4"	#6 @ 4"	#6 @ 9.75" MAX

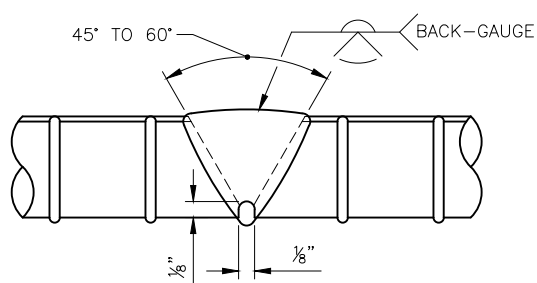
COLUMN ELEVATION TABLE

PIER NO.	TOP OF COLUMN ELEVATION						
	COLUMN						
	A	B	C	D	E	F	G
2	419.72	420.09	420.46	420.83	421.20	421.57	421.94
3	425.03	424.84	424.65	424.45	424.26	424.06	423.87
4	423.94	423.11	422.27	421.44	420.61	419.78	418.95



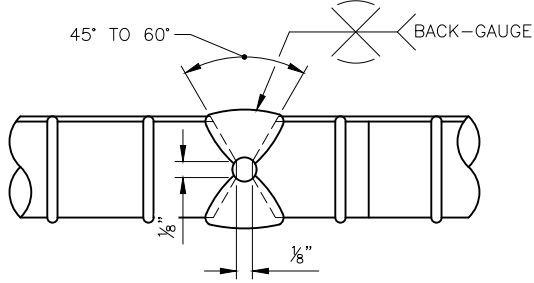
RESISTANCE BUTT JOINT DETAIL

SEE STD. SPEC. 6-02.3(24)I FOR RESISTANCE BUTT WELD SPlicing REQUIREMENTS



SINGLE V-GROOVE WELD

AWS D1.4 FIGURE 5.2(A)



DOUBLE V-GROOVE WELD

AWS D1.4 FIGURE 5.2(B)

RESISTANCE BUTT JOINT DETAIL

ALL BACKING SHALL BE REMOVED.
SEE STD. SPEC. 6-02.3(24)J FOR WELDING REQUIREMENTS AND RT TESTING

GENERAL NOTES:

- ALL HOOPS SHALL HAVE BUTT WELDED SPLICES. SEE RESISTANCE BUTT JOINT DETAIL. STAGGER HOOP SPLICES AROUND THE COLUMN PERIMETER SO THAT SPLICES ON ADJACENT HOOPS ARE MINIMUM OF 2'-0" APART.
- COLUMN LONGITUDINAL REINFORCING SHALL BE CONTINUOUS & SHALL NOT BE SPLICED.
- NO WELDING OF HOOPS IS PERMITTED IN THE PLASTIC HINGE REGION AFTER THE COLUMN CAGE IS ASSEMBLED. HOOPS SHALL BE FIELD OR SHOP WELDED INDEPENDENTLY AND THEN ASSEMBLED AROUND THE COLUMN LONGITUDINAL STEEL AFTER WELDING.

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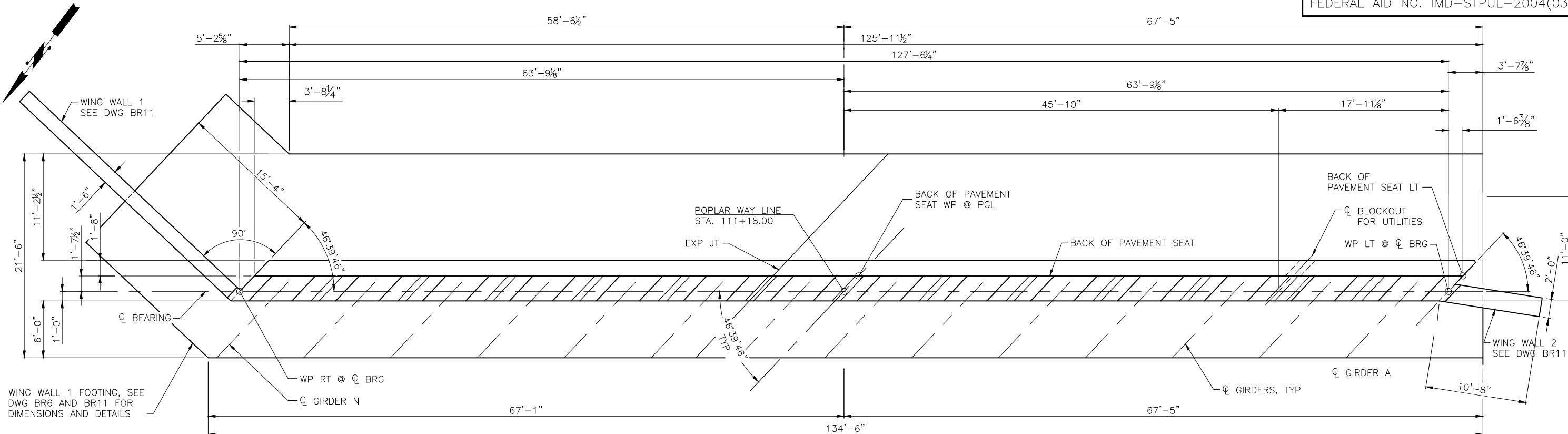
Project Number
20100156

SCALE
Horiz
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Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIERS 2 THRU 4 COLUMN DETAILS

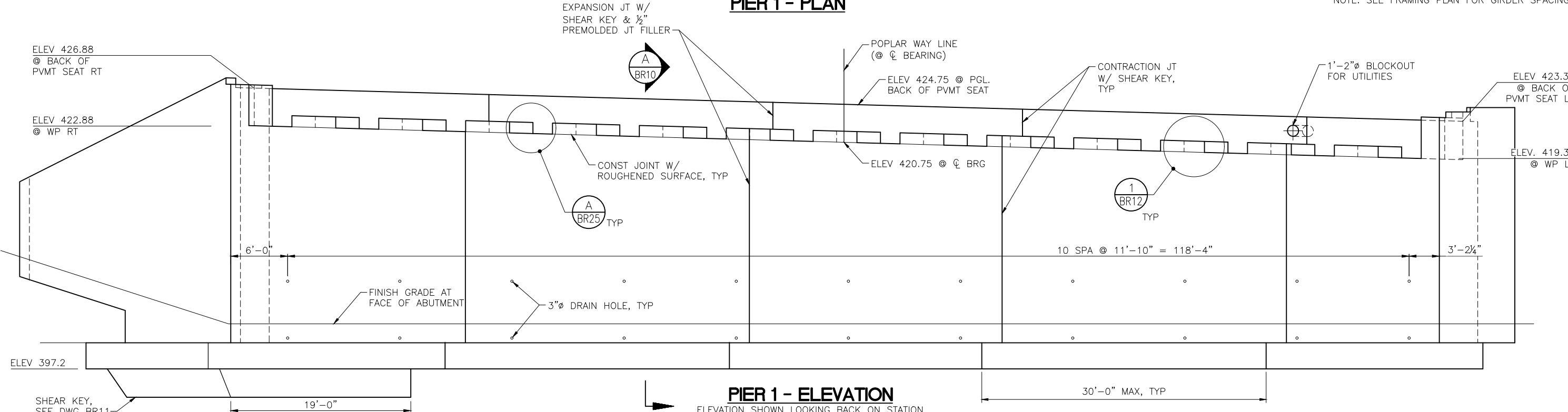
Drawing No.
BR8
Sheet No.

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PIER 1 - PLAN

NOTE: SEE FRAMING PLAN FOR GIRDER SPACING.



PIER 1 - ELEVATION

ELEVATION SHOWN LOOKING BACK ON STATION

TOP OF GROUT PAD ELEVATIONS

GIRDER A	GIRDER B	GIRDER C	GIRDER D	GIRDER E	GIRDER F	GIRDER G	GIRDER H	GIRDER I	GIRDER J	GIRDER K	GIRDER L	GIRDER M	GIRDER N
419.45	419.61	419.79	419.98	420.20	420.44	420.70	420.98	421.27	421.59	421.91	422.23	422.54	422.83

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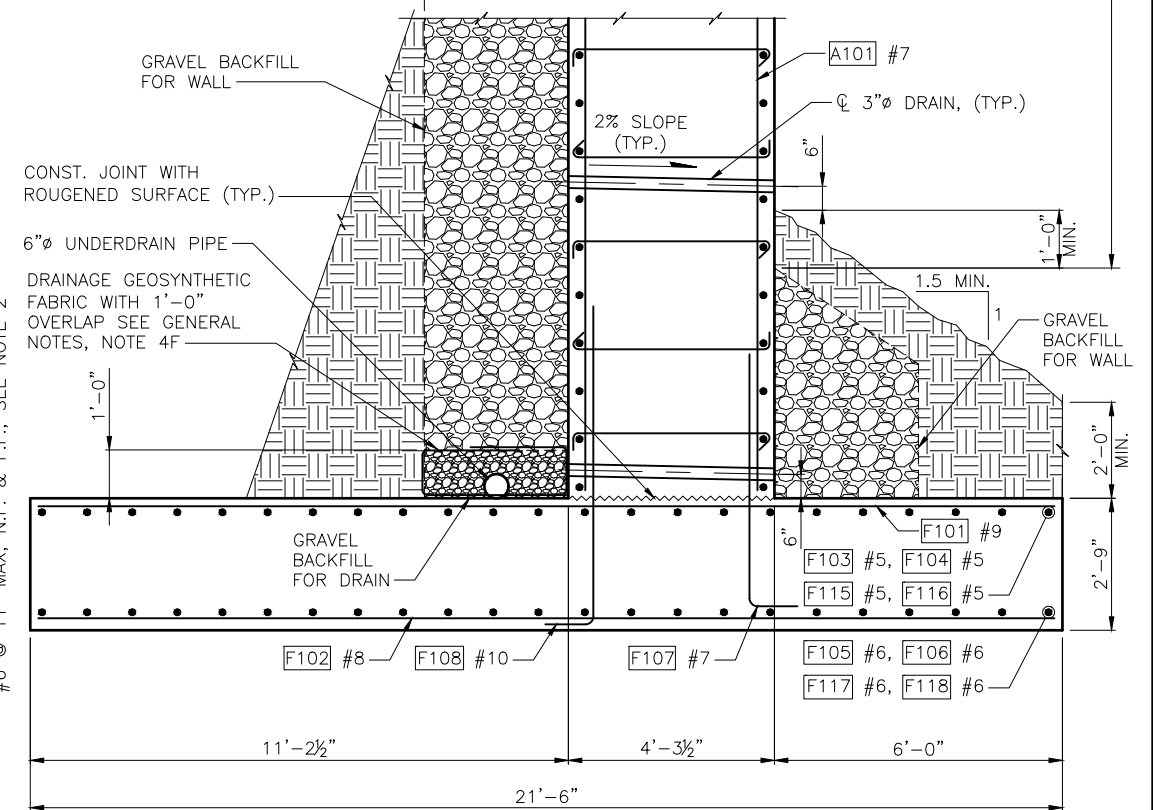
Drawn By: ADH
Designed By: DP
Checked By: EBB
Approved By: _____
Date: 2/15/24
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Date: 2/15/24

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Vert: N/A
Project Number: 20100156

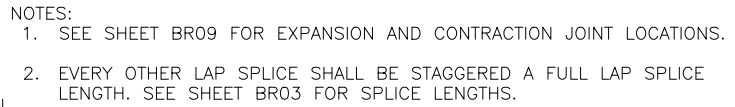
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 1 PLAN AND ELEVATION

Drawing No. **BR9**
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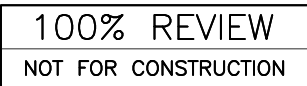
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BR10

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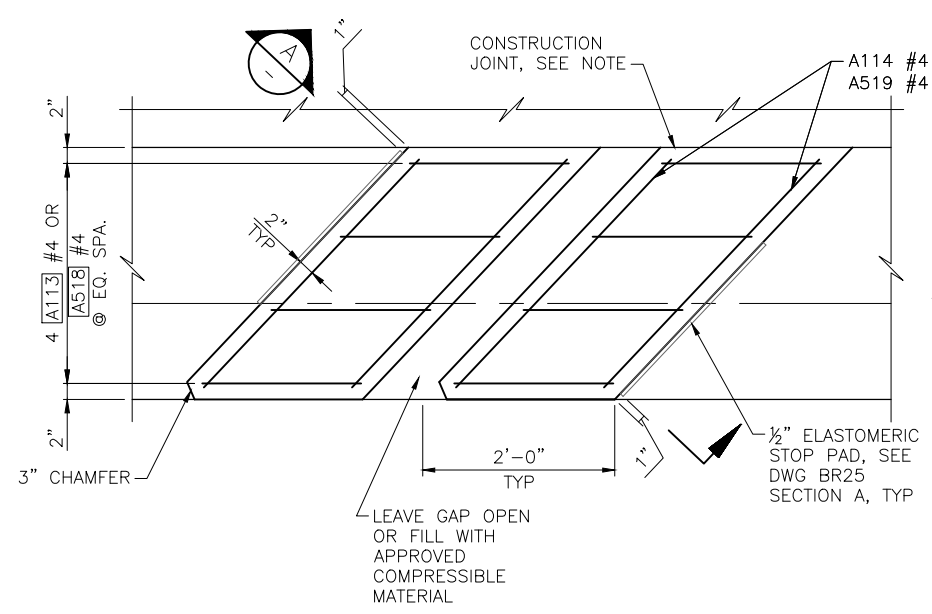
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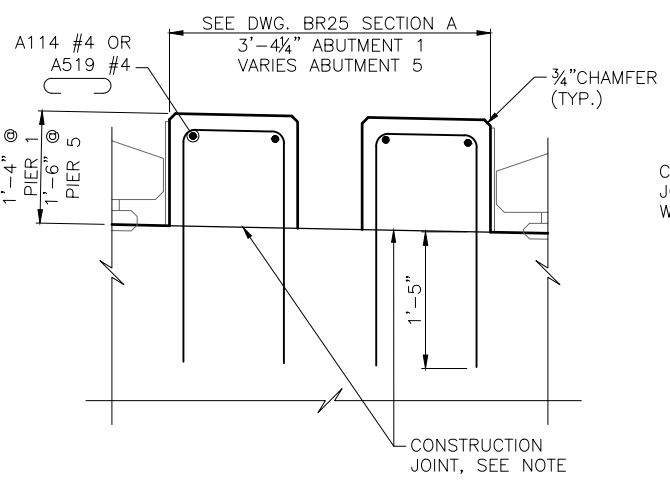
No.	Date		Revision	By	Appr.

Drawing No.
BR11
Sheet No.

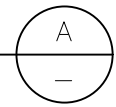
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PLAN

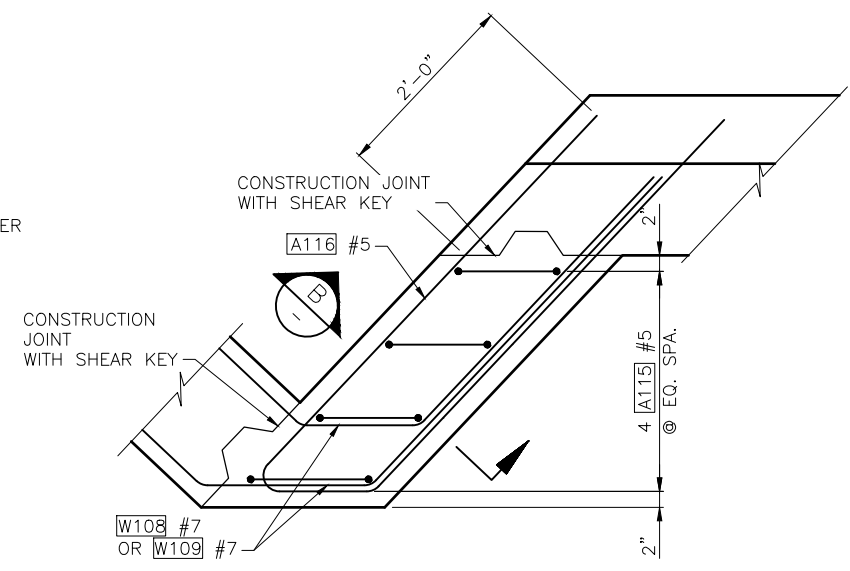
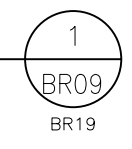


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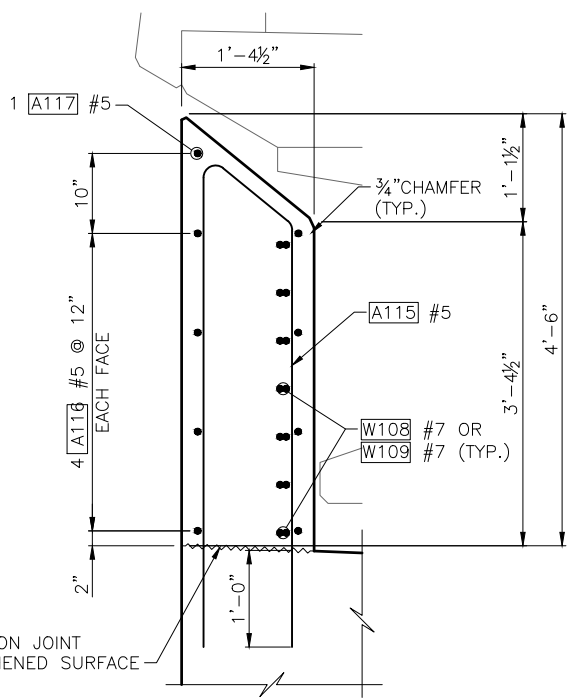


NOTE: CONCRETE SURFACE SHALL BE CLEAN AND FREE OF LAITANCE, BUT NOT ROUGHENED

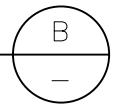
GIRDERSTOP DETAIL



PLAN

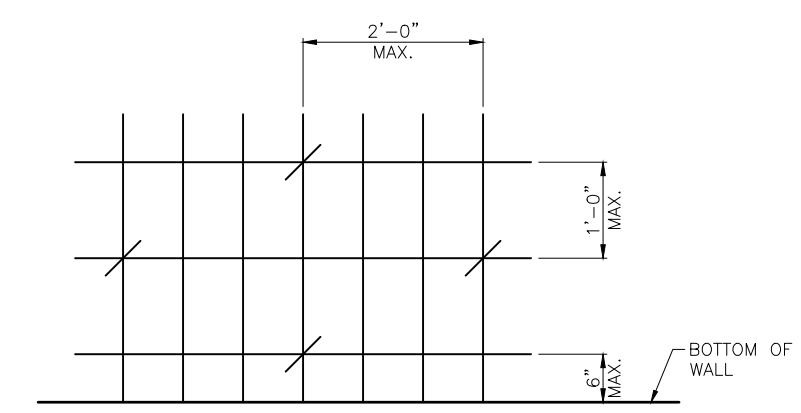
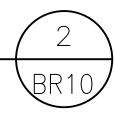


SECTION

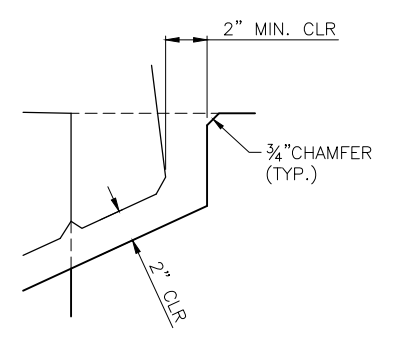


SIDEWALL DETAIL

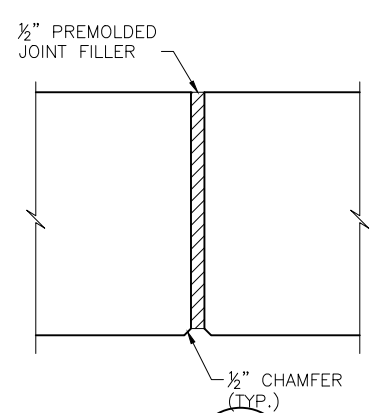
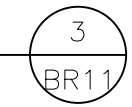
EAST SIDE SHOWN,
WEST SIDE SIMILAR



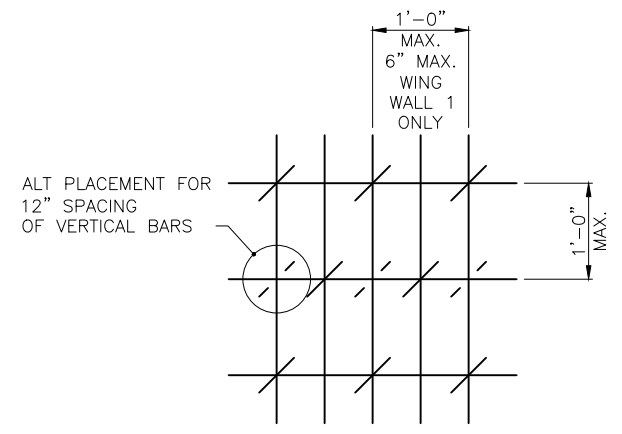
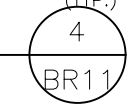
ABUTMENT TIE BAR SPACING DETAIL



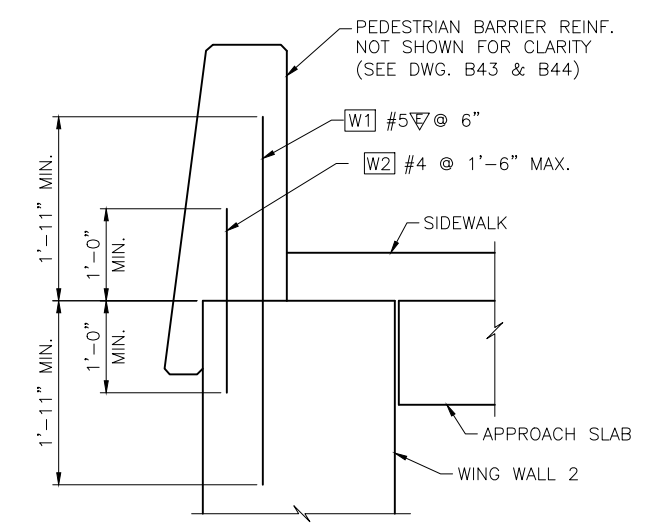
DETAIL



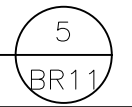
DETAIL



WING WALL TIE BAR SPACING DETAIL



DETAIL



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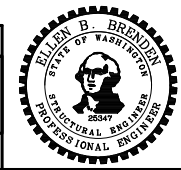
Feb 15, 2024 - 1:38pm adharper J:\00024\CADD\Drawings\BTRUC20100156_BR12.dwg Layout Name: Pier 1 Walls

No.	Date	Revision	By	Appr.

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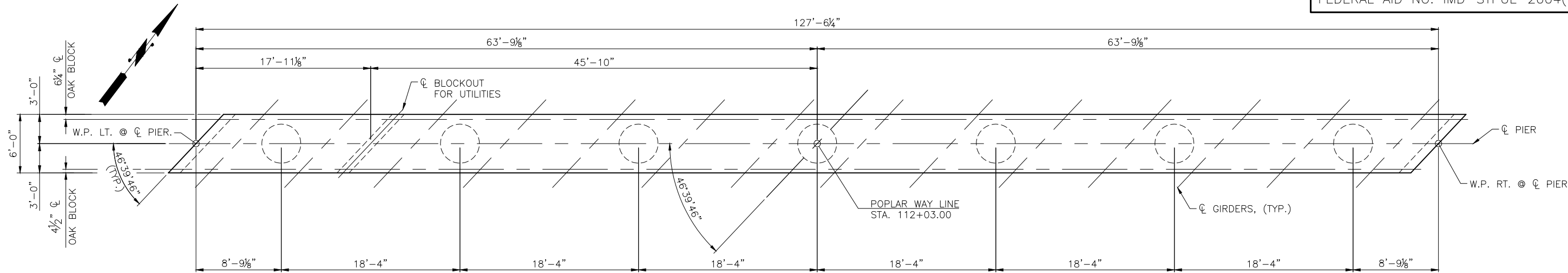
Drawn By: ADH
Designed By: DP
Checked By: EBB
Approved By: _____
Date: 2/15/24
Project Number: 20100156

SCALE
Horiz: N/A
Vert: N/A

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 1 DETAILS

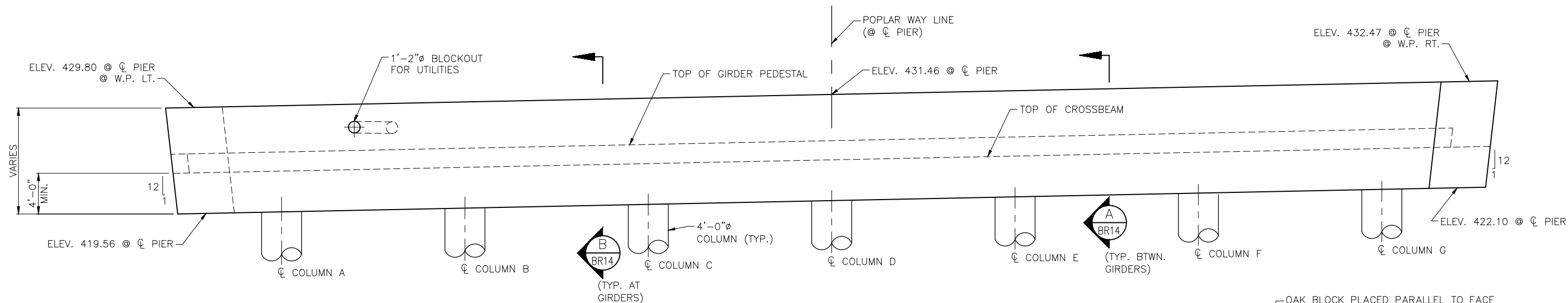
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Sheet No. _____
of Total

C:\S\3120 ~ PROJ. NO. TAZ797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



PIER 2 - PLAN

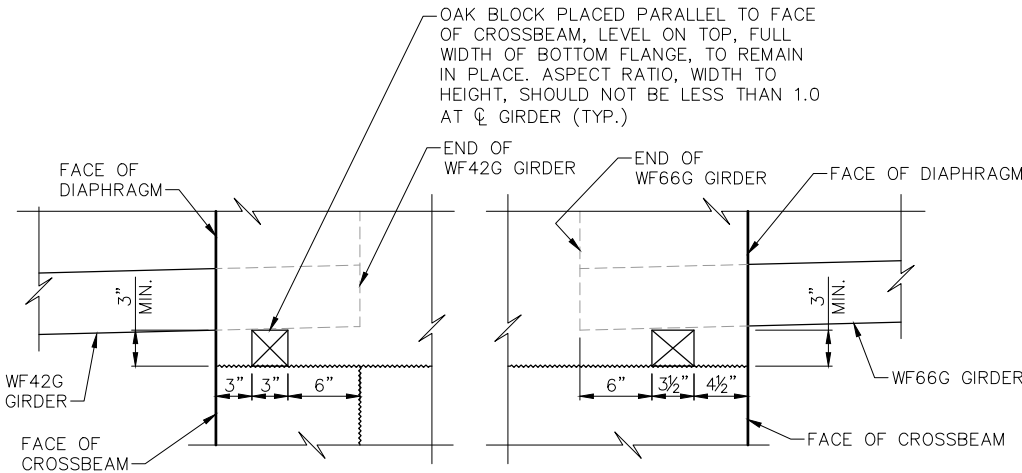
NOTE: SEE FRAMING PLAN FOR GIRDER SPACING.



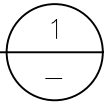
PIER 2 - ELEVATION

TOP OF OAK BLOCK ELEVATIONS

	GIRDER A	GIRDER B	GIRDER C	GIRDER D	GIRDER E	GIRDER F	GIRDER G	GIRDER H	GIRDER I	GIRDER J	GIRDER K	GIRDER L	GIRDER M	GIRDER N
NORTH SIDE (WF66G)	423.92	424.18	424.43	424.67	424.90	425.11	425.31	425.49	425.66	425.82	425.96	426.09	426.21	426.31
SOUTH SIDE (WF42G)	425.02	425.30	425.57	425.82	426.06	426.29	426.50	426.70	426.88	427.06	427.21	427.36	427.49	427.61



OAK BLOCK DETAIL



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Feb 15, 2024 - 11:16am adharper l:\asaw09\lss\6024\CAD\DDIS01\Drawings\STRUCTURE\0100156-BR13.dwg Layout Name: Plans 2 Plan & Elevations

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Designed By: AR
Checked By: EBB
Approved By: _____
Date: 2/15/24
Date: 2/15/24
Date: 2/15/24

SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 2 PLAN & ELEVATION

Drawing No. BR13
Sheet No. _____
of Total

C/S 3120 ~ PROJ. NO. 1A2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

FOR NOTES AND TYPICAL ELEVATION, SEE DWG. BR16

TYPICAL AT COLUMN,
SIM. BETWEEN GIRDERS

TYPICAL AT
GIRDER ENDS

SECTION

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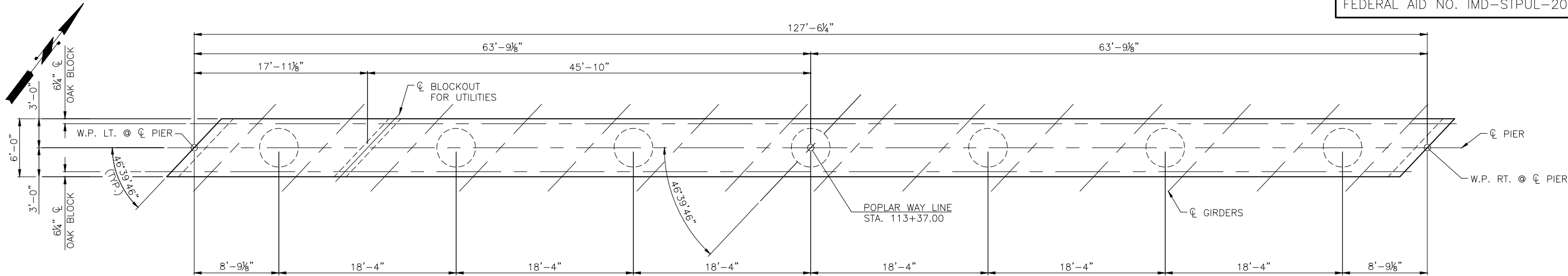
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Drawn By	Date	SCALE
ADH	2/15/24	
Designed By		Horiz
AR	2/15/24	N/A
Checked By		Vert
EBB	2/15/24	N/A
Approved By		Project Number
		20100156

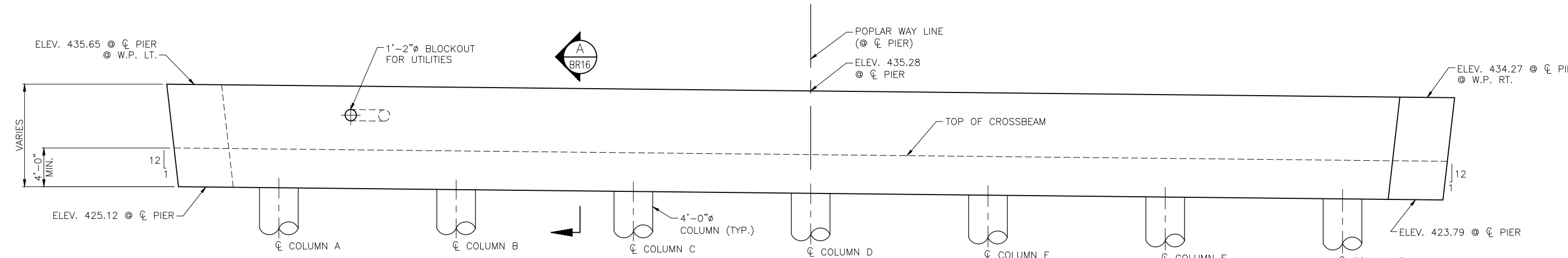
CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 PIER 2 SECTIONS

Drawing No. BR14	Project No. 2012-03-120
Sheet No. 1	Scale 1/4" = 1'-0"
Date 10/1/12	of Total 1



PIER 3 - PLAN

NOTE: SEE FRAMING PLAN FOR GIRDER SPACING.



PIER 3 - ELEVATION

TOP OF OAK BLOCK ELEVATIONS

	GIRDER A	GIRDER B	GIRDER C	GIRDER D	GIRDER E	GIRDER F	GIRDER G	GIRDER H	GIRDER I	GIRDER J	GIRDER K	GIRDER L	GIRDER M	GIRDER N
NORTH SIDE	429.47	429.45	429.41	429.36	429.29	429.22	429.12	429.02	428.90	428.77	428.62	428.46	428.28	428.10
SOUTH SIDE	429.34	429.33	429.31	429.27	429.22	429.16	429.08	428.99	428.88	428.76	428.63	428.49	428.33	428.15

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Feb 15, 2024 - 11:16am adharper l:\seaw09\des16024\CADD\STRUC\20100156_BR15.dwg Layout Name: Pier 3 Plan & Elevation

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Checked By: EBB
Approved By: _____
Date: 2/15/24
Date: 2/15/24
Date: 2/15/24

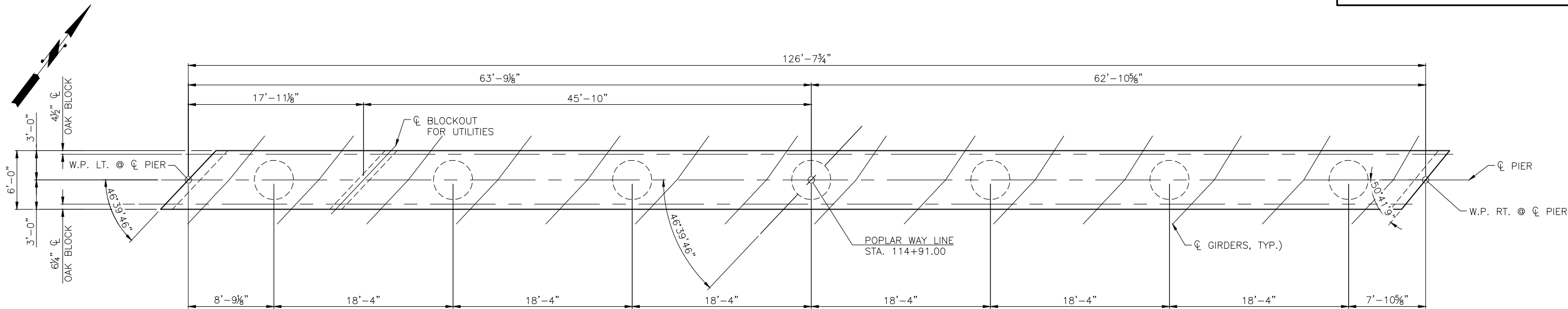
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Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 3 PLAN & ELEVATION

Drawing No.
BR15
Sheet No.
of Total

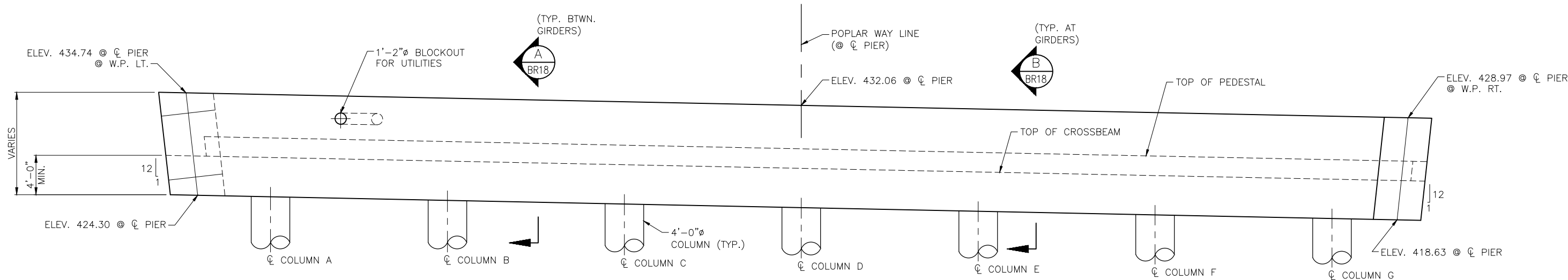
C.S. 3120 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE





PIER 4 - PLAN

NOTE: SEE FRAMING PLAN FOR GIRDER SPACING.



PIER 4 - ELEVATION

TOP OF OAK BLOCK ELEVATIONS

	GIRDER A	GIRDER B	GIRDER C	GIRDER D	GIRDER E	GIRDER F	GIRDER G	GIRDER H	GIRDER I	GIRDER J	GIRDER K	GIRDER L	GIRDER M	GIRDER N
NORTH SIDE (WF42G)	430.01	429.66	429.29	428.91	428.51	428.10	427.68	427.24	426.79	426.33	425.85	425.40	424.96	424.53
SOUTH SIDE (WF66G)	428.46	428.12	427.76	427.39	427.01	426.61	426.20	425.78	425.34	424.89	424.42	423.95	423.50	423.07

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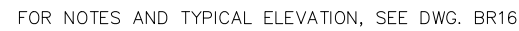
Drawn By: ADH
Designed By: AR
Checked By: EBB
Approved By: _____
Date: 2/15/24
Date: 2/15/24
Date: 2/15/24

SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 4 PLAN & ELEVATION

Drawing No. BR17
Sheet No. _____
of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



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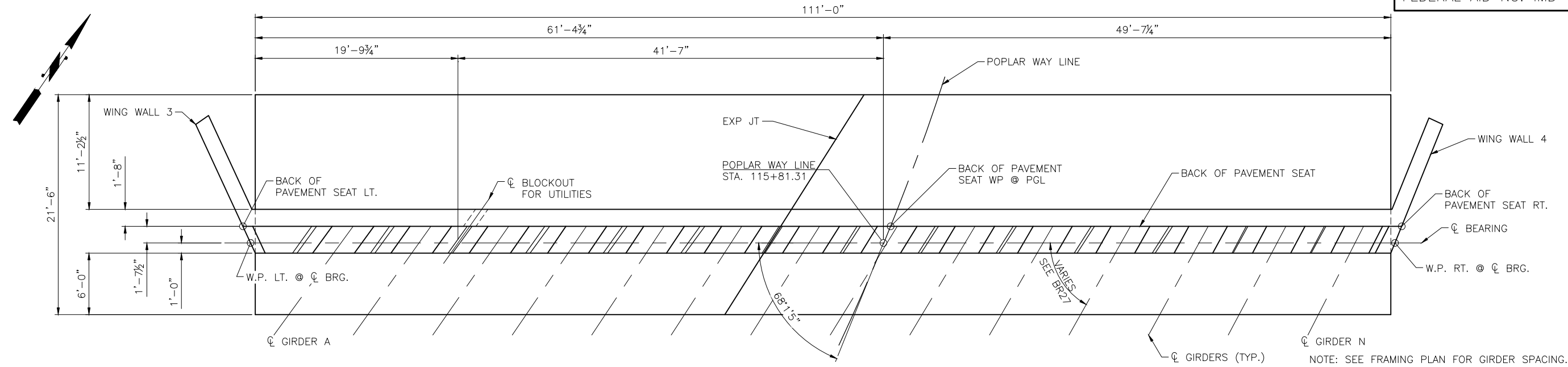
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Designed By	
<u>AR</u>	2/15/24
Checked By	
<u>EBB</u>	2/15/24
Approved By	

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

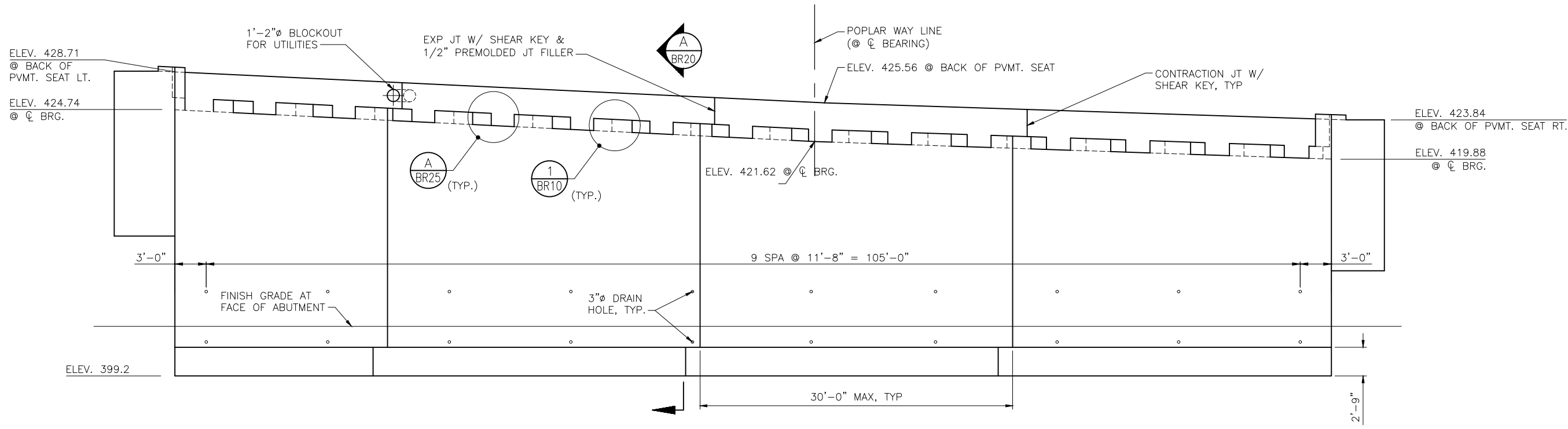
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

PIER 4 SECTIONS

Drawing No.
BR18
Sheet No.
of Total



PIER 5 - PLAN



PIER 5 - ELEVATION

TOP OF GROUT PAD ELEVATIONS

GIRDER A	GIRDER B	GIRDER C	GIRDER D	GIRDER E	GIRDER F	GIRDER G	GIRDER H	GIRDER I	GIRDER J	GIRDER K	GIRDER L	GIRDER M	GIRDER N
424.28	423.85	423.44	423.05	422.68	422.33	422.00	421.69	421.40	421.12	420.84	420.58	420.33	420.08

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Feb 15, 2024 - 11:17am adharper l:\asaw00\l\as16024\CADD\DS01\Drawings\STRUCT\0100156_BR19.dwg Layout Name: Pier 5 Plan and Elevation

No.	Date	Revision	By	Appr.

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Date: 2/15/24
Date: 2/15/24

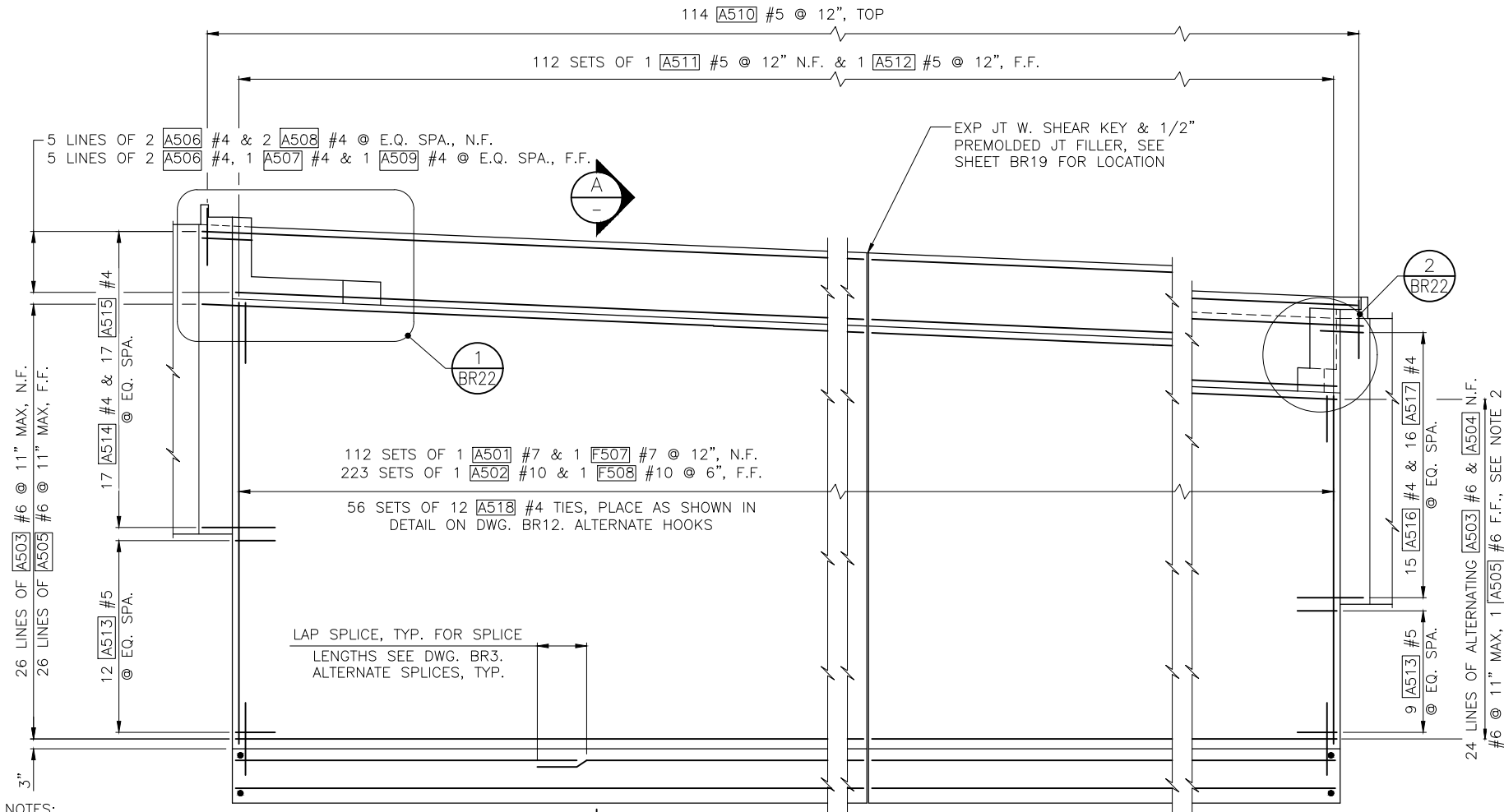
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Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 5 PLAN & ELEVATION

Drawing No. BR19
Sheet No. _____
of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

114 [A510] #5 @ 12", TOP
 112 SETS OF 1 [A511] #5 @ 12" N.F. & 1 [A512] #5 @ 12", F.F.



2. EVERY OTHER LAP SPLICE SHALL BE STAGGERED A FULL LAP SPLICE LENGTH. SEE SHEET BRO3 FOR SPLICE LENGTHS.

Technical drawing of a bridge abutment cross-section, showing structural details, reinforcement, and dimensions. The drawing is divided into two main sections: the upper section for the bridge deck and the lower section for the abutment wall and foundation.

Upper Section (Bridge Deck):

- Dimensions:**
 - Overall width: 21'-6"
 - Deck width: 11'-2 1/2"
 - Abutment width: 4'-3 1/2"
 - Foundation width: 6'-0"
- Reinforcement:**
 - Top deck reinforcement: A510 #5, A512 #5, A506 #4, A507 #4, A508 #4, A509 #4.
 - Vertical reinforcement: A502 #10, A503 #6, A504 #6, A505 #6, A506 #4, A507 #4, A508 #4, A509 #4.
 - Horizontal reinforcement: A501 #7, A502 #10, A503 #6, A504 #6, A505 #6, A506 #4, A507 #4, A508 #4, A509 #4.
 - Foundation reinforcement: F501 #9, F502 #8, F503 #5, F504 #5, F505 #6, F506 #6, F507 #7, F508 #10, F509 #6, F510 #6, F511 #6, F512 #6, F513 #6, F514 #6, F515 #5, F516 #5, F517 #6, F518 #6, F519 #6, F520 #6, F521 #6, F522 #6, F523 #6, F524 #6, F525 #6, F526 #6, F527 #6, F528 #6, F529 #6, F530 #6, F531 #6, F532 #6, F533 #6, F534 #6, F535 #6, F536 #6, F537 #6, F538 #6, F539 #6, F540 #6, F541 #6, F542 #6, F543 #6, F544 #6, F545 #6, F546 #6, F547 #6, F548 #6, F549 #6, F550 #6, F551 #6, F552 #6, F553 #6, F554 #6, F555 #6, F556 #6, F557 #6, F558 #6, F559 #6, F560 #6, F561 #6, F562 #6, F563 #6, F564 #6, F565 #6, F566 #6, F567 #6, F568 #6, F569 #6, F570 #6, F571 #6, F572 #6, F573 #6, F574 #6, F575 #6, F576 #6, F577 #6, F578 #6, F579 #6, F580 #6, F581 #6, F582 #6, F583 #6, F584 #6, F585 #6, F586 #6, F587 #6, F588 #6, F589 #6, F590 #6, F591 #6, F592 #6, F593 #6, F594 #6, F595 #6, F596 #6, F597 #6, F598 #6, F599 #6, F600 #6, F601 #6, F602 #6, F603 #6, F604 #6, F605 #6, F606 #6, F607 #6, F608 #6, F609 #6, F610 #6, F611 #6, F612 #6, F613 #6, F614 #6, F615 #6, F616 #6, F617 #6, F618 #6, F619 #6, F620 #6, F621 #6, F622 #6, F623 #6, F624 #6, F625 #6, F626 #6, F627 #6, F628 #6, F629 #6, F630 #6, F631 #6, F632 #6, F633 #6, F634 #6, F635 #6, F636 #6, F637 #6, F638 #6, F639 #6, F640 #6, F641 #6, F642 #6, F643 #6, F644 #6, F645 #6, F646 #6, F647 #6, F648 #6, F649 #6, F650 #6, F651 #6, F652 #6, F653 #6, F654 #6, F655 #6, F656 #6, F657 #6, F658 #6, F659 #6, F660 #6, F661 #6, F662 #6, F663 #6, F664 #6, F665 #6, F666 #6, F667 #6, F668 #6, F669 #6, F670 #6, F671 #6, F672 #6, F673 #6, F674 #6, F675 #6, F676 #6, F677 #6, F678 #6, F679 #6, F680 #6, F681 #6, F682 #6, F683 #6, F684 #6, F685 #6, F686 #6, F687 #6, F688 #6, F689 #6, F690 #6, F691 #6, F692 #6, F693 #6, F694 #6, F695 #6, F696 #6, F697 #6, F698 #6, F699 #6, F700 #6, F701 #6, F702 #6, F703 #6, F704 #6, F705 #6, F706 #6, F707 #6, F708 #6, F709 #6, F710 #6, F711 #6, F712 #6, F713 #6, F714 #6, F715 #6, F716 #6, F717 #6, F718 #6, F719 #6, F720 #6, F721 #6, F722 #6, F723 #6, F724 #6, F725 #6, F726 #6, F727 #6, F728 #6, F729 #6, F730 #6, F731 #6, F732 #6, F733 #6, F734 #6, F735 #6, F736 #6, F737 #6, F738 #6, F739 #6, F740 #6, F741 #6, F742 #6, F743 #6, F744 #6, F745 #6, F746 #6, F747 #6, F748 #6, F749 #6, F750 #6, F751 #6, F752 #6, F753 #6, F754 #6, F755 #6, F756 #6, F757 #6, F758 #6, F759 #6, F760 #6, F761 #6, F762 #6, F763 #6, F764 #6, F765 #6, F766 #6, F767 #6, F768 #6, F769 #6, F770 #6, F771 #6, F772 #6, F773 #6, F774 #6, F775 #6, F776 #6, F777 #6, F778 #6, F779 #6, F780 #6, F781 #6, F782 #6, F783 #6, F784 #6, F785 #6, F786 #6, F787 #6, F788 #6, F789 #6, F790 #6, F791 #6, F792 #6, F793 #6, F794 #6, F795 #6, F796 #6, F797 #6, F798 #6, F799 #6, F800 #6, F801 #6, F802 #6, F803 #6, F804 #6, F805 #6, F806 #6, F807 #6, F808 #6, F809 #6, F810 #6, F811 #6, F812 #6, F813 #6, F814 #6, F815 #6, F816 #6, F817 #6, F818 #6, F819 #6, F820 #6, F821 #6, F822 #6, F823 #6, F824 #6, F825 #6, F826 #6, F827 #6, F828 #6, F829 #6, F830 #6, F831 #6, F832 #6, F833 #6, F834 #6, F835 #6, F836 #6, F837 #6, F838 #6, F839 #6, F840 #6, F841 #6, F842 #6, F843 #6, F844 #6, F845 #6, F846 #6, F847 #6, F848 #6, F849 #6, F850 #6, F851 #6, F852 #6, F853 #6, F854 #6, F855 #6, F856 #6, F857 #6, F858 #6, F859 #6, F860 #6, F861 #6, F862 #6, F863 #6, F864 #6, F865 #6, F866 #6, F867 #6, F868 #6, F869 #6, F870 #6, F871 #6, F872 #6, F873 #6, F874 #6, F875 #6, F876 #6, F877 #6, F878 #6, F879 #6, F880 #6, F881 #6, F882 #6, F883 #6, F884 #6, F885 #6, F886 #6, F887 #6, F888 #6, F889 #6, F890 #6, F891 #6, F892 #6, F893 #6, F894 #6, F895 #6, F896 #6, F897 #6, F898 #6, F899 #6, F900 #6, F901 #6, F902 #6, F903 #6, F904 #6, F905 #6, F906 #6, F907 #6, F908 #6, F909 #6, F910 #6, F911 #6, F912 #6, F913 #6, F914 #6, F915 #6, F916 #6, F917 #6, F918 #6, F919 #6, F920 #6, F921 #6, F922 #6, F923 #6, F924 #6, F925 #6, F926 #6, F927 #6, F928 #6, F929 #6, F930 #6, F931 #6, F932 #6, F933 #6, F934 #6, F935 #6, F936 #6, F937 #6, F938 #6, F939 #6, F940 #6, F941 #6, F942 #6, F943 #6, F944 #6, F945 #6, F946 #6, F947 #6, F948 #6, F949 #6, F950 #6, F951 #6, F952 #6, F953 #6, F954 #6, F955 #6, F956 #6, F957 #6, F958 #6, F959 #6, F960 #6, F961 #6, F962 #6, F963 #6, F964 #6, F965 #6, F966 #6, F967 #6, F968 #6, F969 #6, F970 #6, F971 #6, F972 #6, F973 #6, F974 #6, F975 #6, F976 #6, F977 #6, F978 #6, F979 #6, F980 #6, F981 #6, F982 #6, F983 #6, F984 #6, F985 #6, F986 #6, F987 #6, F988 #6, F989 #6, F990 #6, F991 #6, F992 #6, F993 #6, F994 #6, F995 #6, F996 #6, F997 #6, F998 #6, F999 #6, F1000 #6.
- Other Details:**
 - CONST. JOINT WITH ROUGHENED SURFACE (TYP.)
 - MIN. SPLICE
 - VARIES SEE ELEV. ON DWG BR19
 - SEE DWG BR55 FOR APPROACH SLAB DOWELS
 - BACK OF PAVEMENT SEAT
 - CL BRG
 - 1'-0"
 - 2'-7 1/2"
 - 1'-8"
 - 4' EQ. SPA.
 - GIRDER STOP
 - A511 #5
 - A518 #4 TIE, (TYP.)
 - A503 #6, A50

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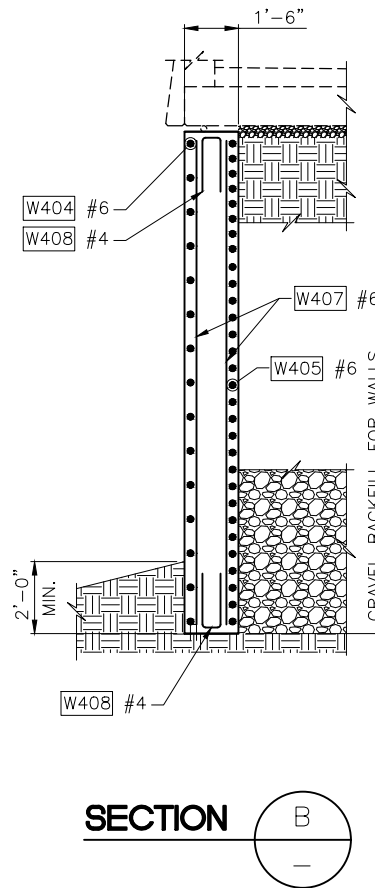
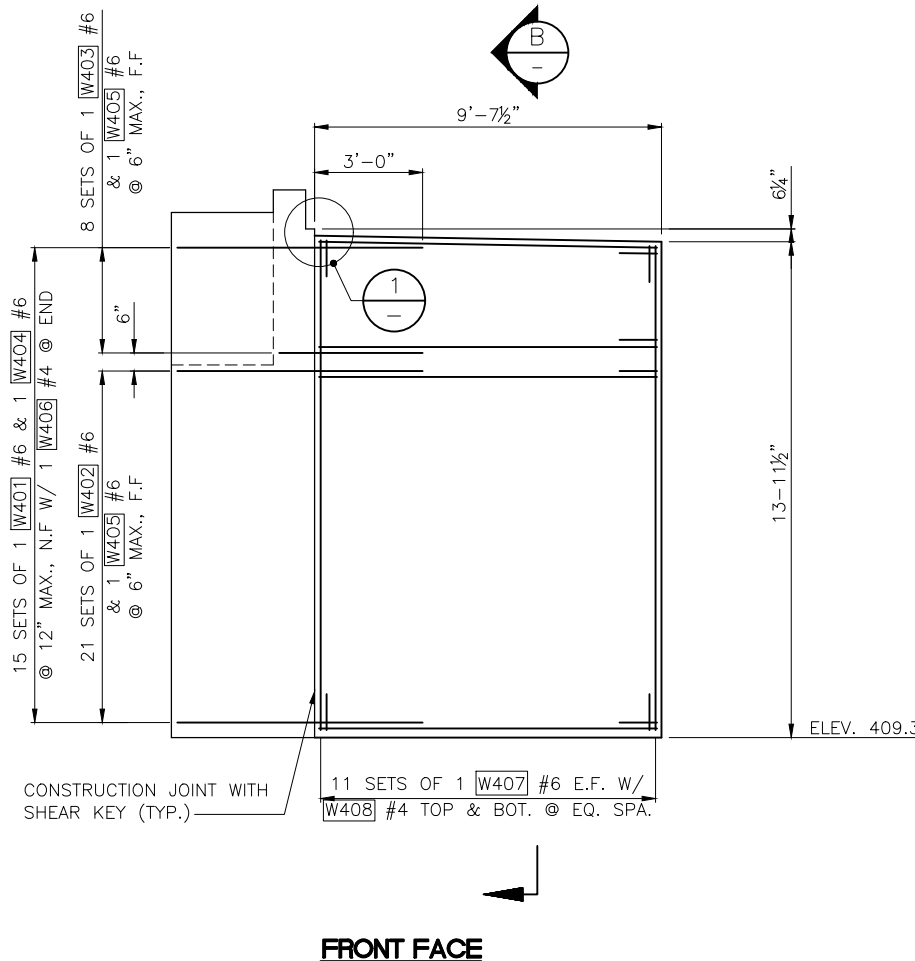
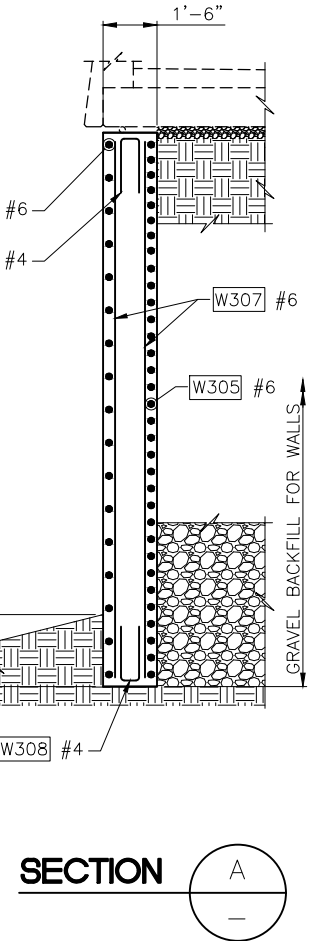
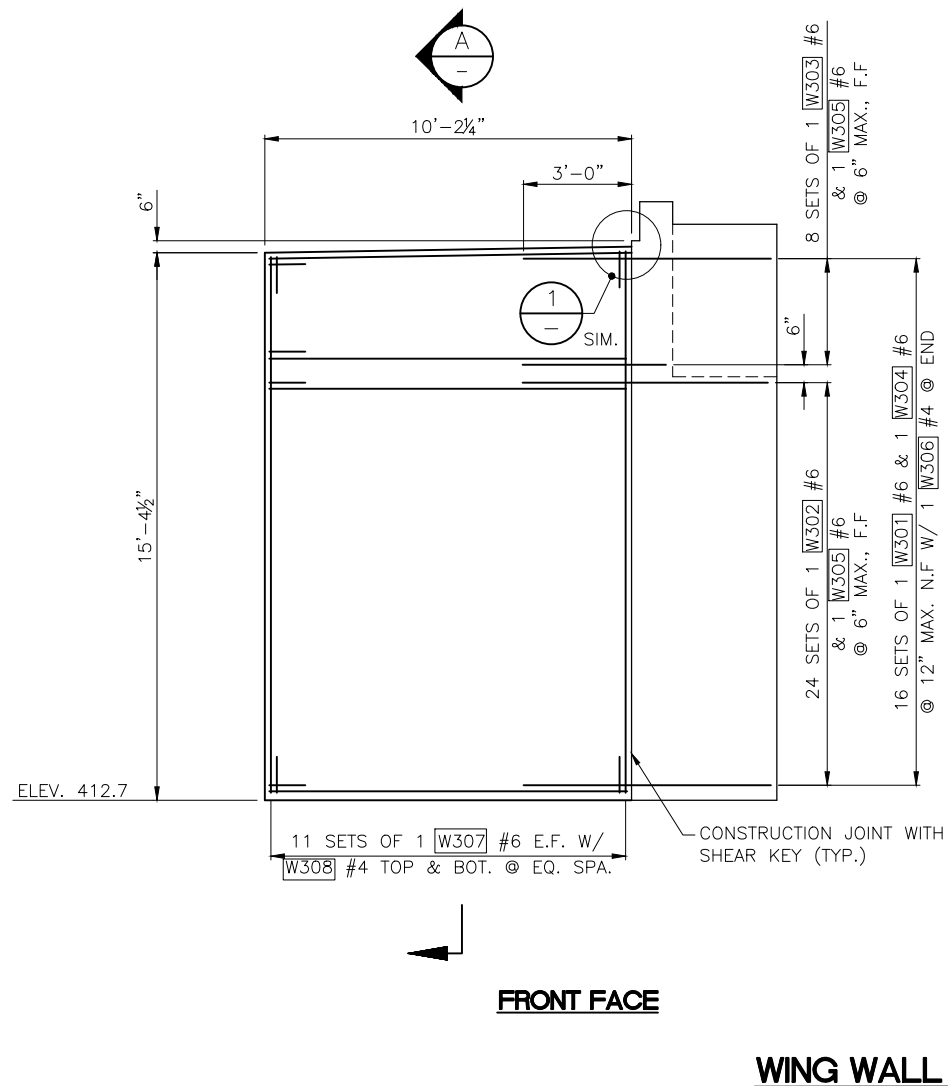
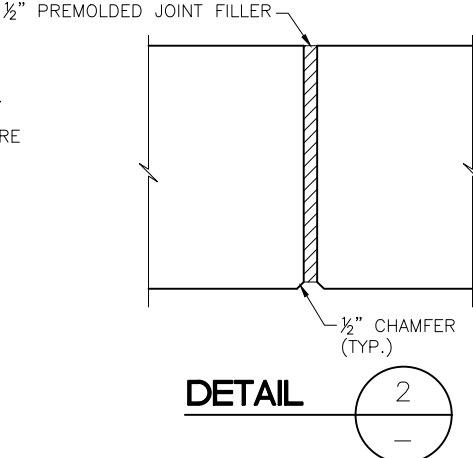
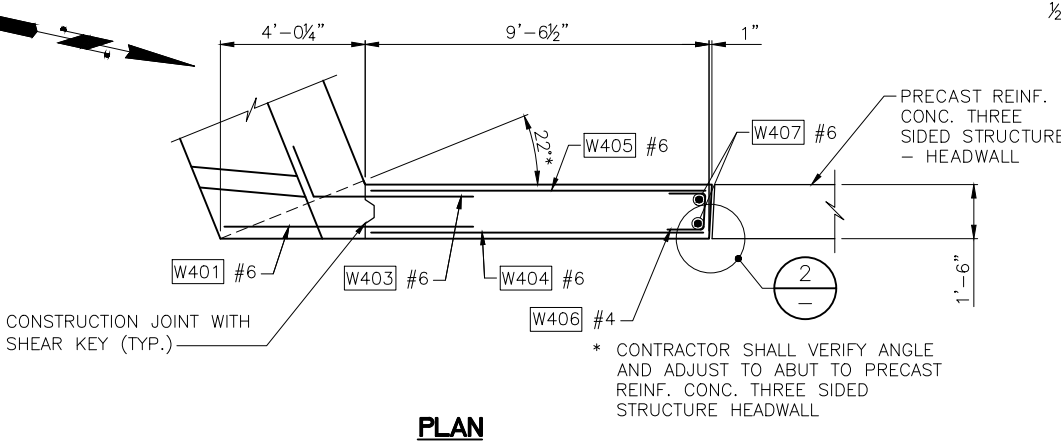
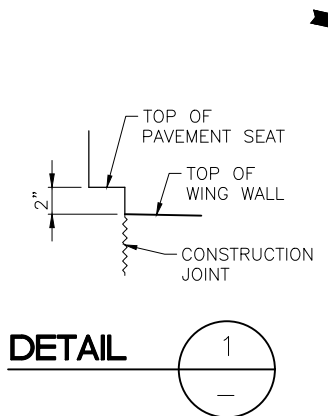
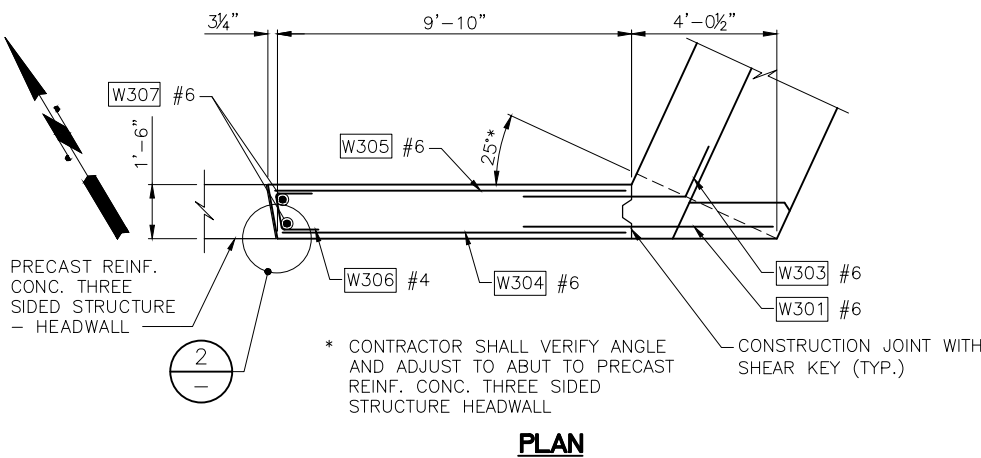


Drawn By	Date	SCALE
ADH	2/15/24	
Designed By		Horiz
DP	2/15/24	N/A
Checked By		Vert
EBB	2/15/24	N/A
Approved By		Project Number
		20100156

CITY OF LYNNWOOD		Dr
POPLAR WAY EXTENSION BRIDGE		SH
PIER 5 SECTION & REINFORCEMENT		

Drawing No. **BR20**

Sheet No. **3120**



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Feb 15, 2024 - 11:17am adharper l:\asaw05\lss6024\CADD\DS01\Drawings\STRUCTURE\BR21.dwg Layout Name: Pier 5 Walls

No.	Date	Revision	By	Appr.

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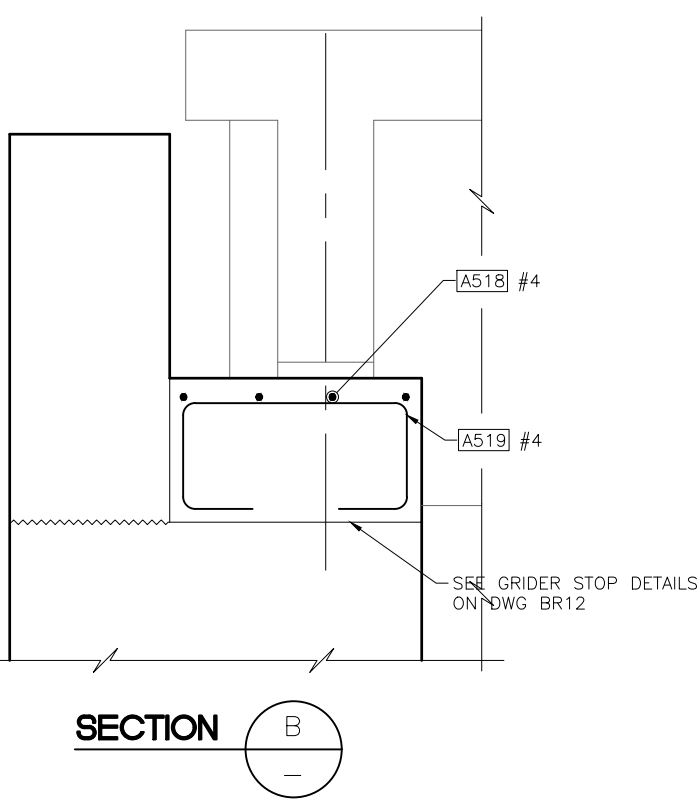
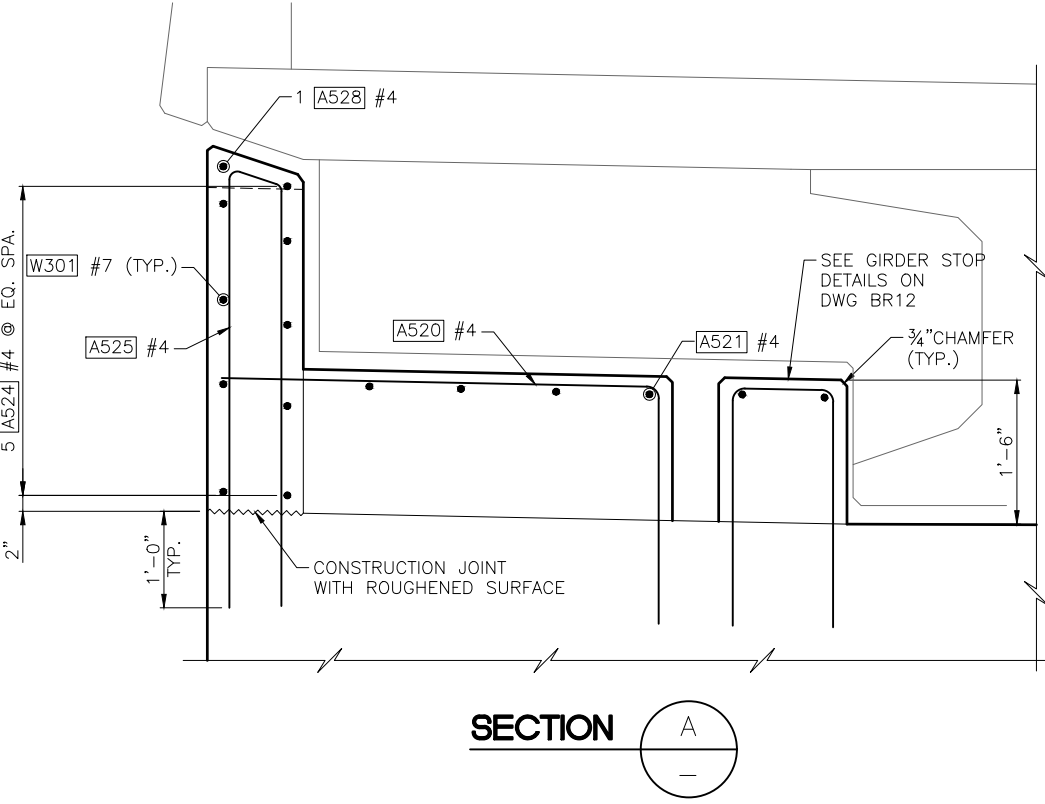
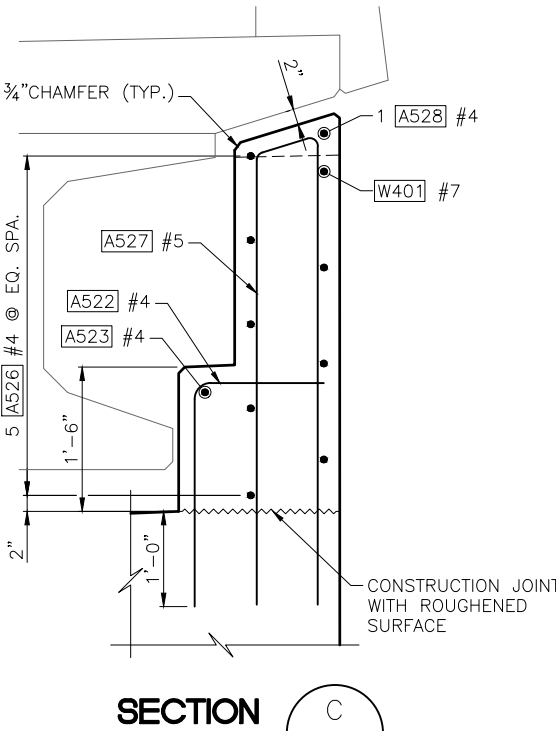
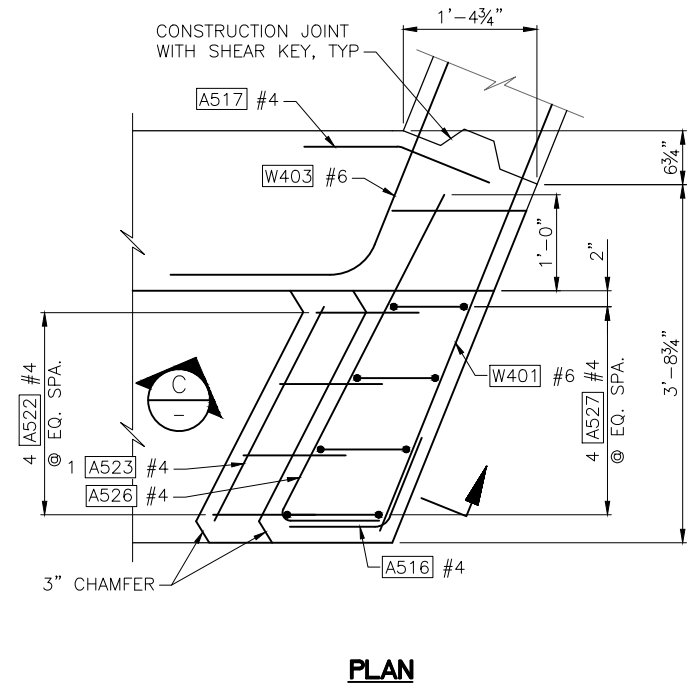
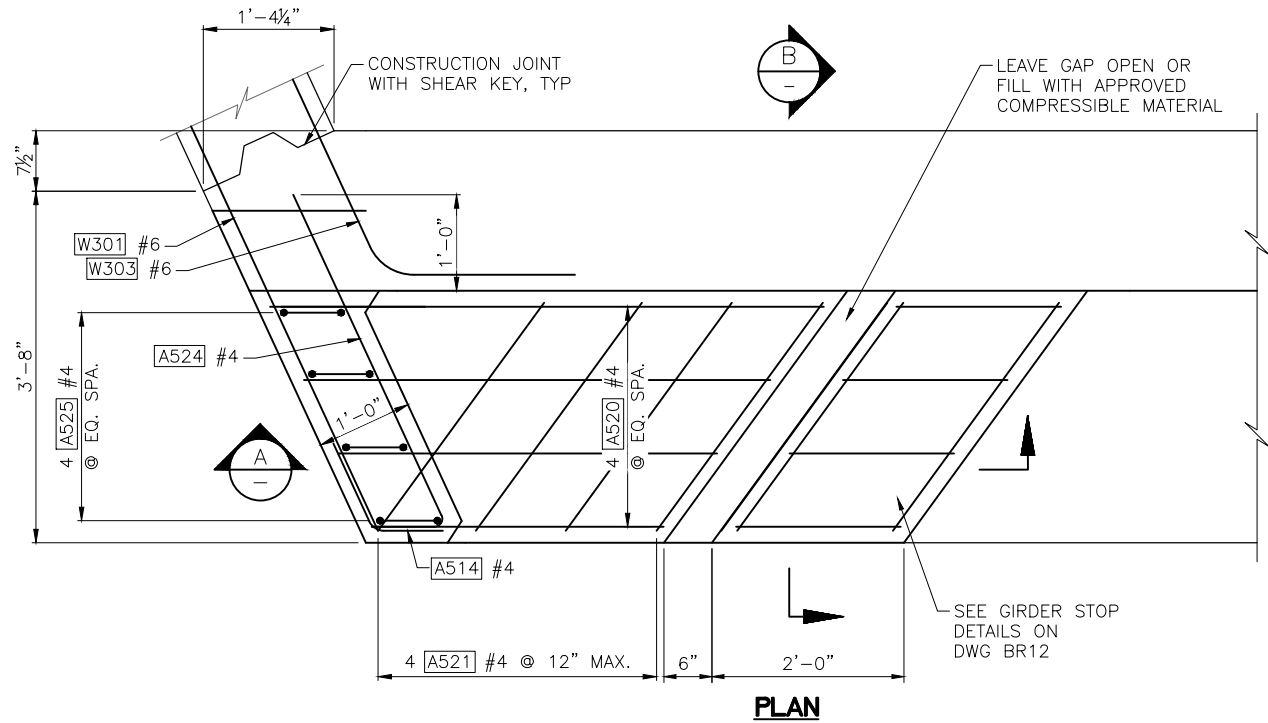
Drawn By ADH
Designed By DP
Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 5 WING WALLS

Drawing No. BR21
Sheet No.
of Total

C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



SIDEWALL DETAIL 2 BR20

SECTION A
SECTION B
SIDEWALL DETAIL 1 BR20

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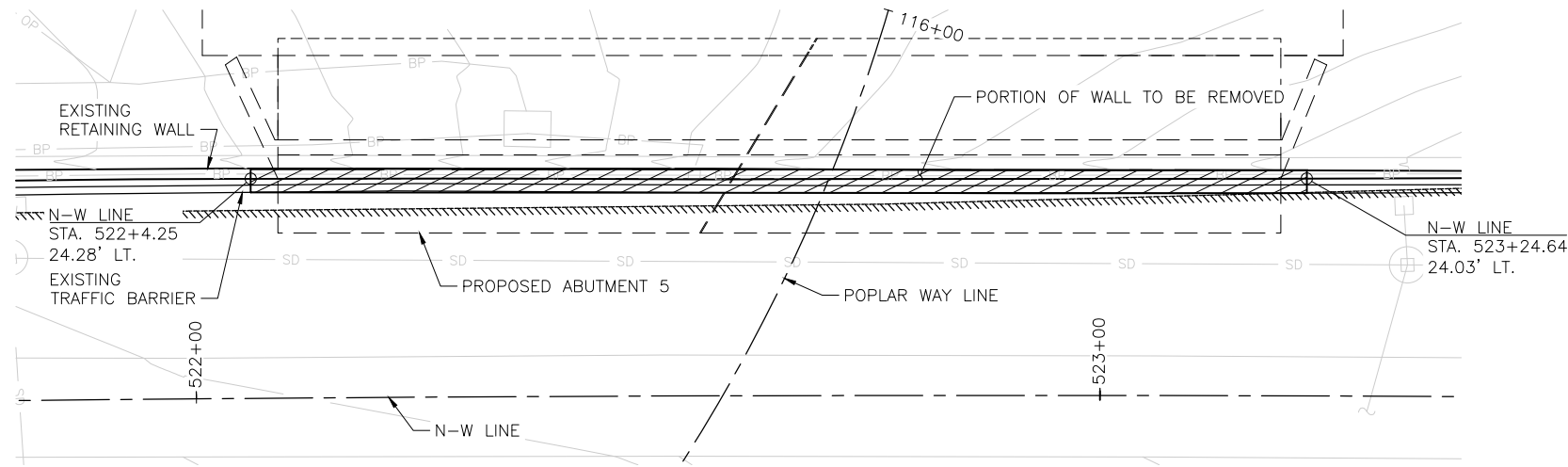
Drawn By ADH
Designed By DP
Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

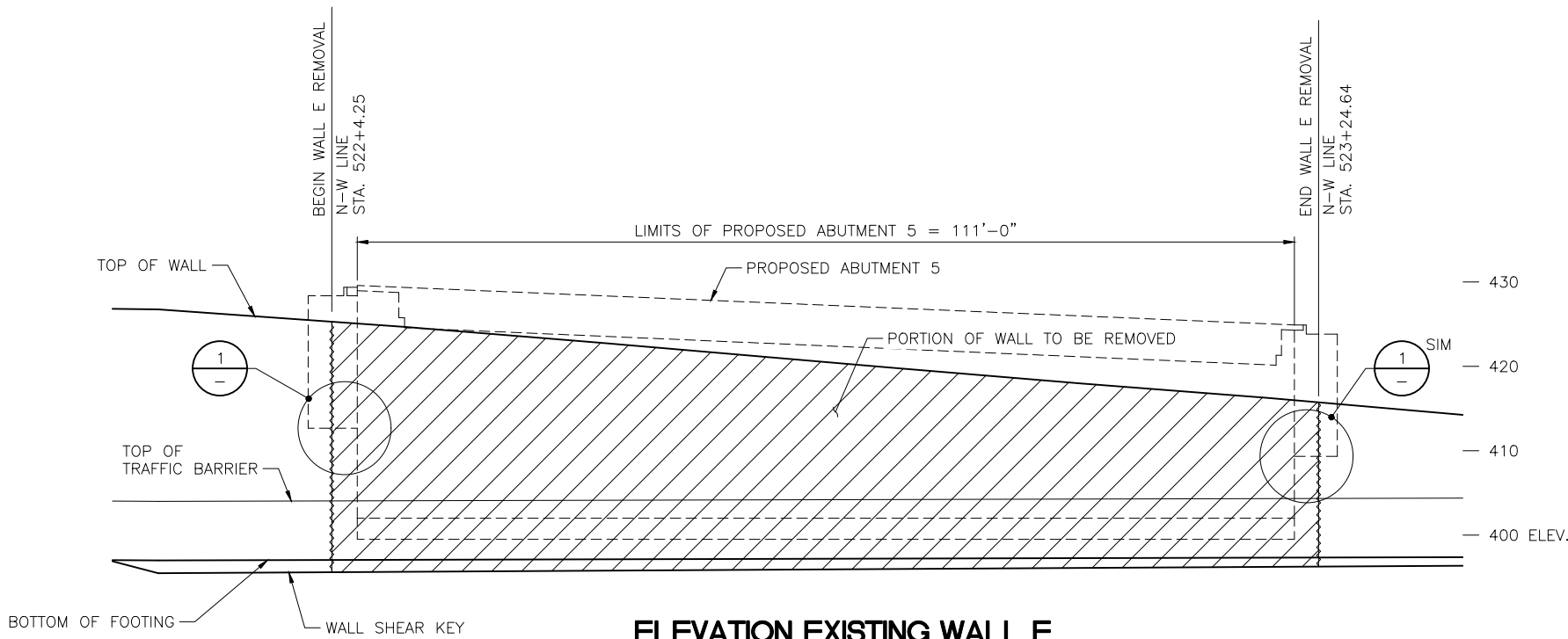
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PIER 5 DETAILS

Drawing No. BR22
Sheet No.
of Total

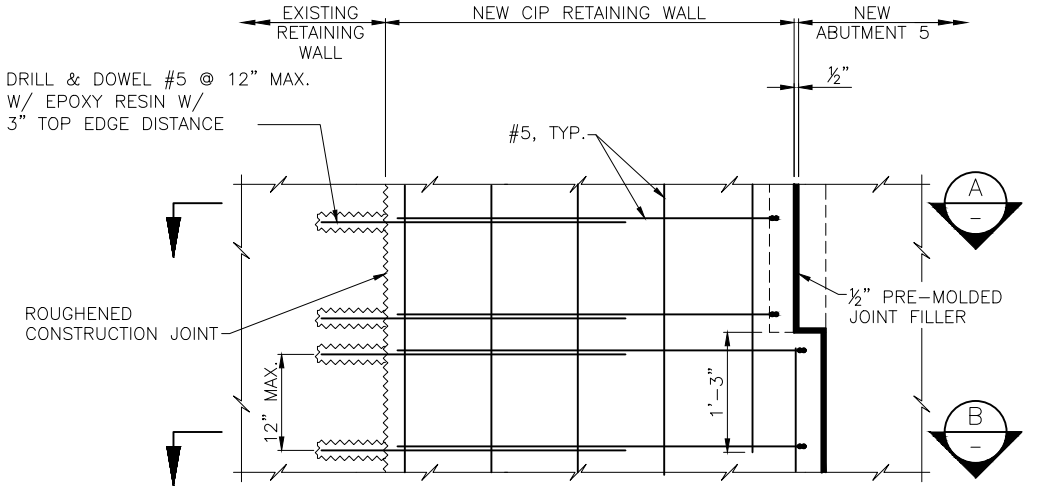
C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



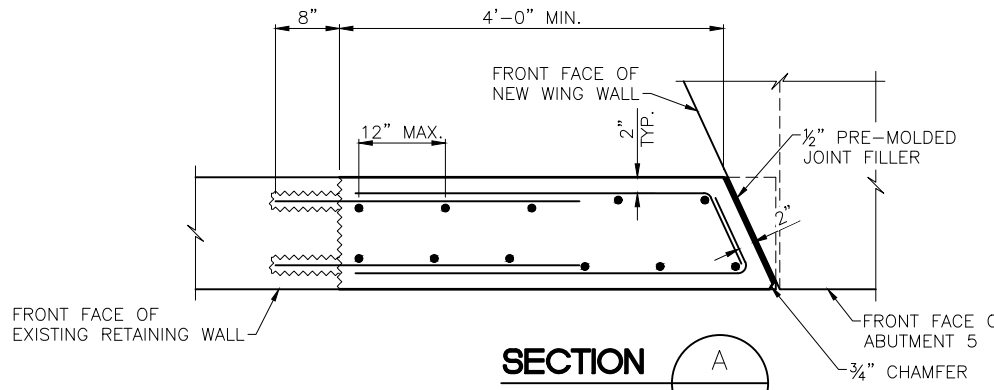
PLAN EXISTING WALL E



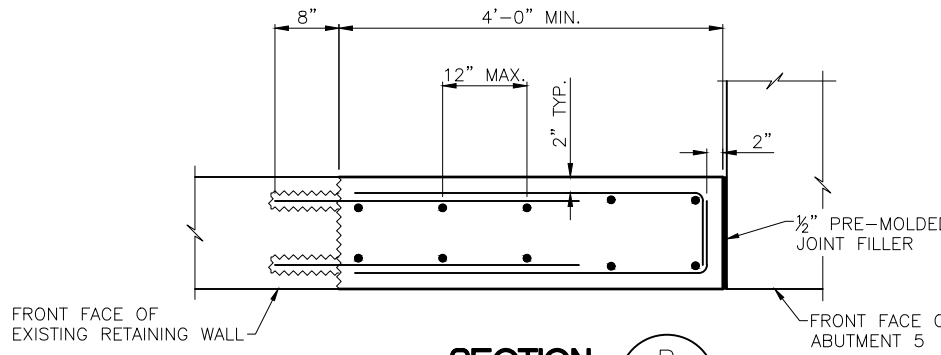
ELEVATION EXISTING WALL E



DETAIL 1



SECTION A



SECTION B

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Feb 15, 2024 - 11:17am adharper l:\asaw09\lss160224\CADD\SDS01\Drawings\STRUCT\02100156-BR23.dwg Layout Name: Wall removal

No.	Date	Revision	By	Appr.

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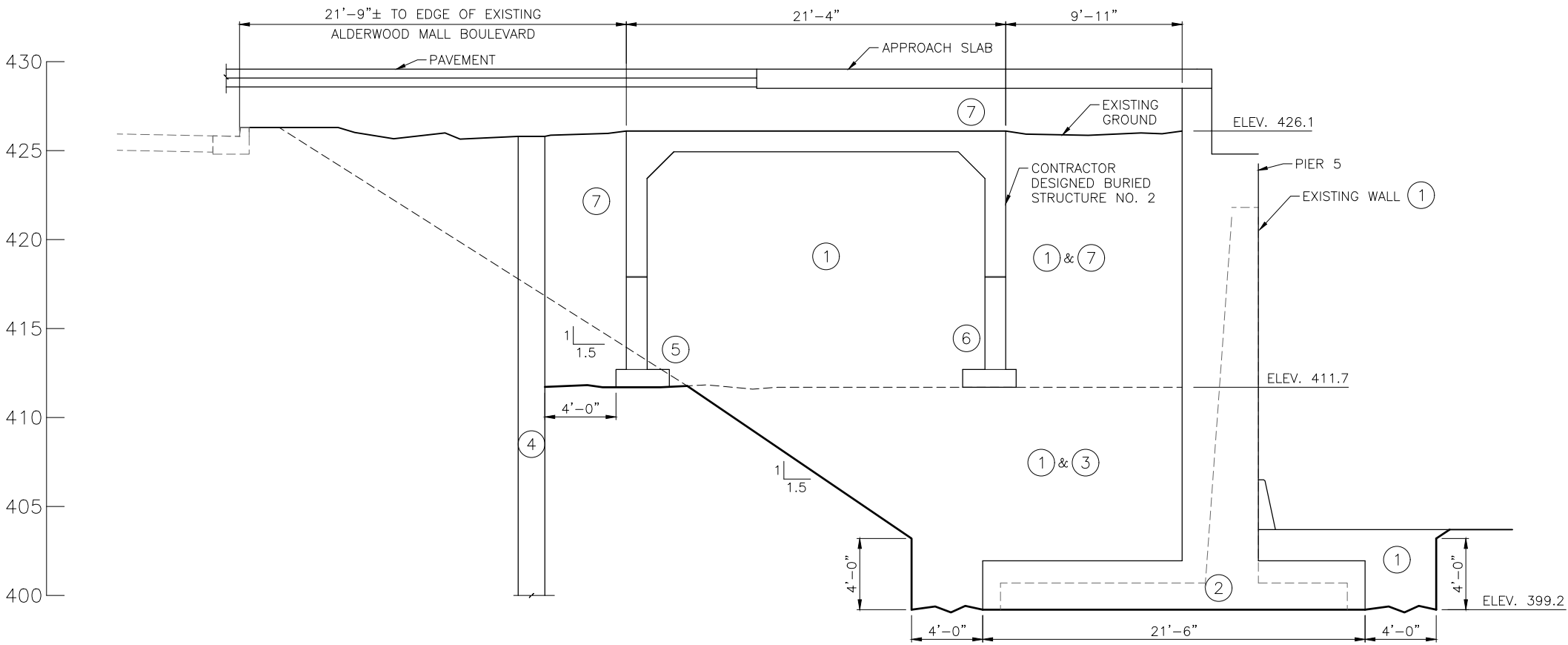
Drawn By ADH
Designed By EBB
Checked By TZ
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WALL DEMOLITION/EXCAVATION PLAN

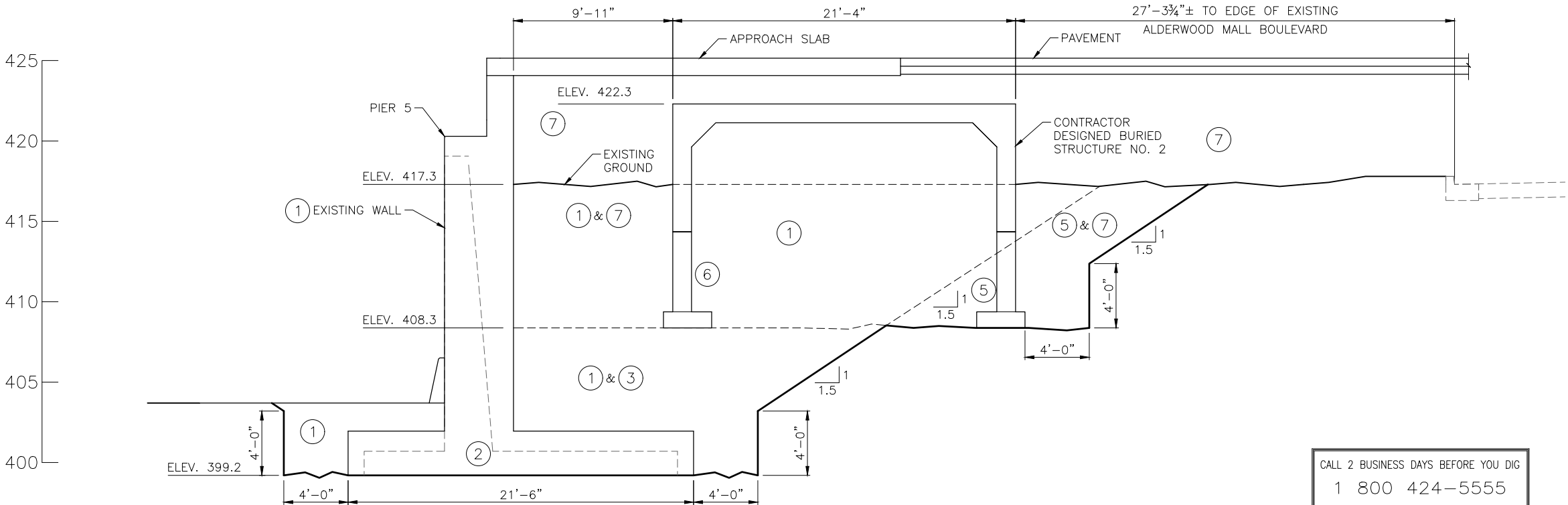
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Sheet No. 1 of Total

C.S. 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



NOTE:
1. UNLESS EXPLICITLY IDENTIFIED AS A CONTRACT REQUIREMENT, THE MEANS AND METHODS OF CONSTRUCTION, THE SEQUENCE OF CONSTRUCTION/DEMOLITION AND CONTRACTOR DESIGN TEMPORARY WORKS PROVIDED WITHIN THESE PLANS ARE CONCEPTUAL IN NATURE AND ARE THE CONTRACTOR'S RESPONSIBILITY. DESCRIPTIONS AND GRAPHICS REPRESENTING THESE ASPECTS OF THE WORK DO NOT ADDRESS ALL CONTRACT REQUIREMENTS AND SHALL NOT BE CONSTRUED TO LIMIT THE CONTRACTOR'S RESPONSIBILITIES.

PIER 5 AND CONTRACTOR DESIGNED BURIED STRUCTURE (WESTERN END)



- ① EXCAVATE FOR CONSTRUCTION OF ABUTMENT AND REMOVE EXISTING WALL (SEE DWG BR23)
- ② CONSTRUCT ABUTMENT FOOTING AND STEM WALL.
- ③ FILL TO BOTTOM OF PRECAST REINF. CONC. THREE SIDED STRUCTURE NO. 2 FOOTINGS.
- ④ INSTALL TEMPORARY WALL AS NECESSARY.
- ⑤ EXCAVATE FOR CONSTRUCTION OF PRECAST REINF. CONC. THREE SIDED STRUCTURE NO. 2
- ⑥ CONSTRUCT PRECAST REINF. CONC. THREE SIDED STRUCTURE NO. 2 FOOTINGS AND PLACE PRECAST REINF. CONC. THREE SIDED STRUCTURE NO. 2
- ⑦ FILL TO BOTTOM OF APPROACH SLAB / PAVEMENT
- ⑧ CONSTRUCT APPROACH SLAB / PAVEMENT.

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER

PIER 5 AND CONTRACTOR DESIGNED BURIED STRUCTURE (EASTERN END)

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adharper
\\seaw09\lsh\6024\CADD\DWG\01\Drawings\STRUC\0100156_BR24.dwg
Layout Name: EXCAVATION

No.	Date	Revision	By	Appr.

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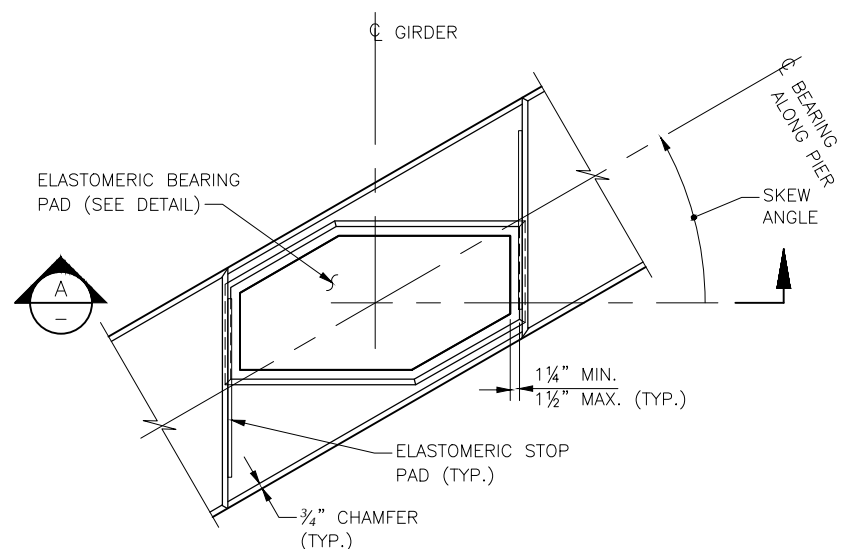
Drawn By: ADH
Designed By: EBB
Checked By: TZ
Approved By: _____
Date: 2/15/24
2/15/24
2/15/24

SCALE
Horiz: 1/4" = 1'-0"
Vert: 1/4" = 1'-0"
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
SUGGESTED EXCAVATION AND
CONSTRUCTION SEQUENCE

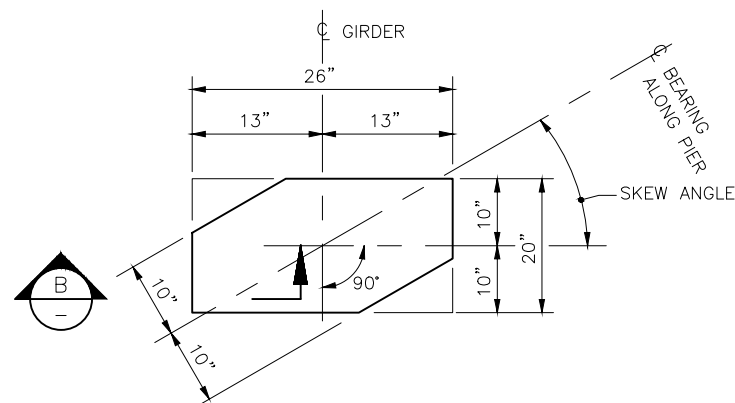
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Sheet No. _____
of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



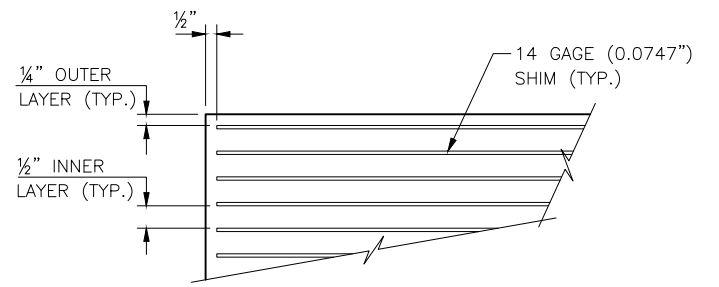
GROUT PAD DETAIL

GIRDER NOT SHOWN FOR CLARITY

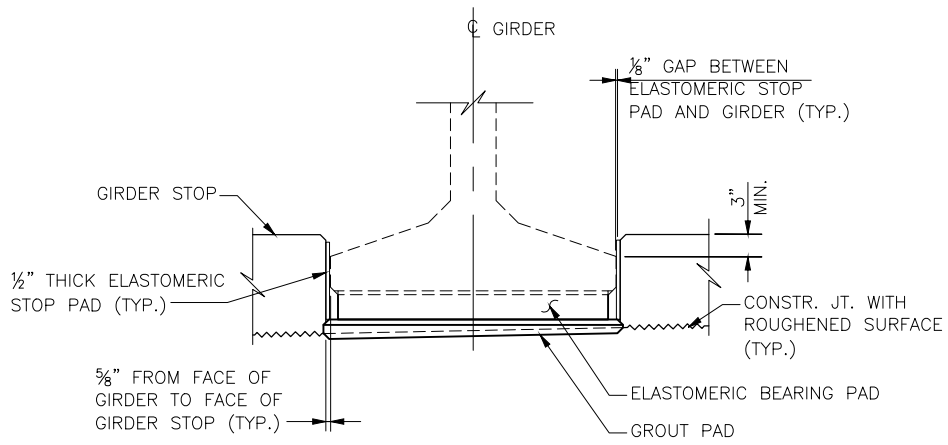


ELASTOMERIC BEARING PAD

LAMINATED ELASTOMERIC BEARING PAD
(10 SHIMS @ PIER 1)
(12 SHIMS @ PIER 5)



SECTION B

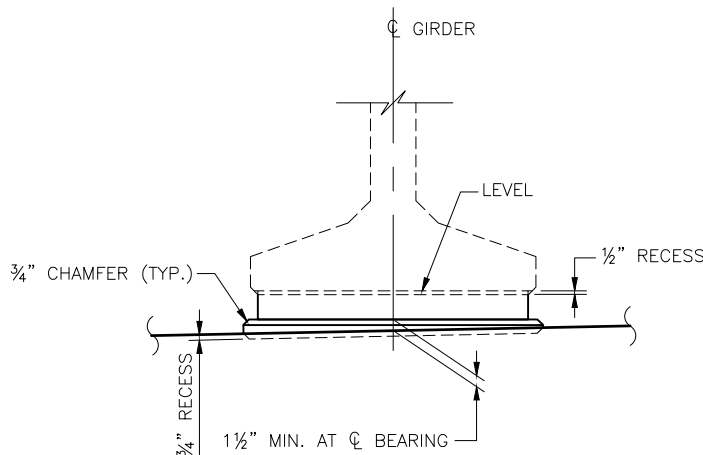


SECTION A

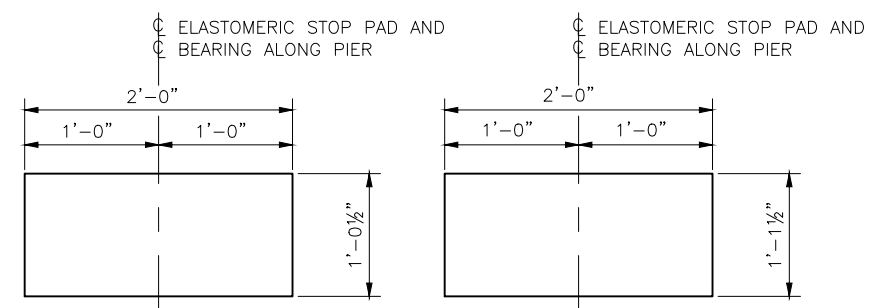
BR9, BR19

NOTES

1. GIRDER STOPS SHALL BE CONSTRUCTED AFTER GIRDER PLACEMENT.
2. THE ELASTOMERIC STOP PADS SHALL BE CEMENTED TO GIRDER STOPS WITH APPROVED ADHESIVE.



GROUT PAD ELEVATION



ELASTOMERIC STOP PAD

SHEAR MODULUS = 165 PSI

BEARING DESIGN TABLE AASHTO METHOD B DESIGN		
SERVICE - I LIMIT STATE		
	ABUTMENT 1	ABUTMENT 5
DEAD LOAD (DL) REACTION	114 KIPS	144 TO 110 KIPS
LIVE LOAD REACTION (W/O IMPACT)	73 KIPS	76 TO 98 KIPS
UNLOADED HEIGHT	5.75 IN	6.90 IN
LOADED HEIGHT (DL)	5.70 IN	6.81 TO 6.83 IN
SHEAR MODULUS @ 73° F	165 PSI	165 PSI

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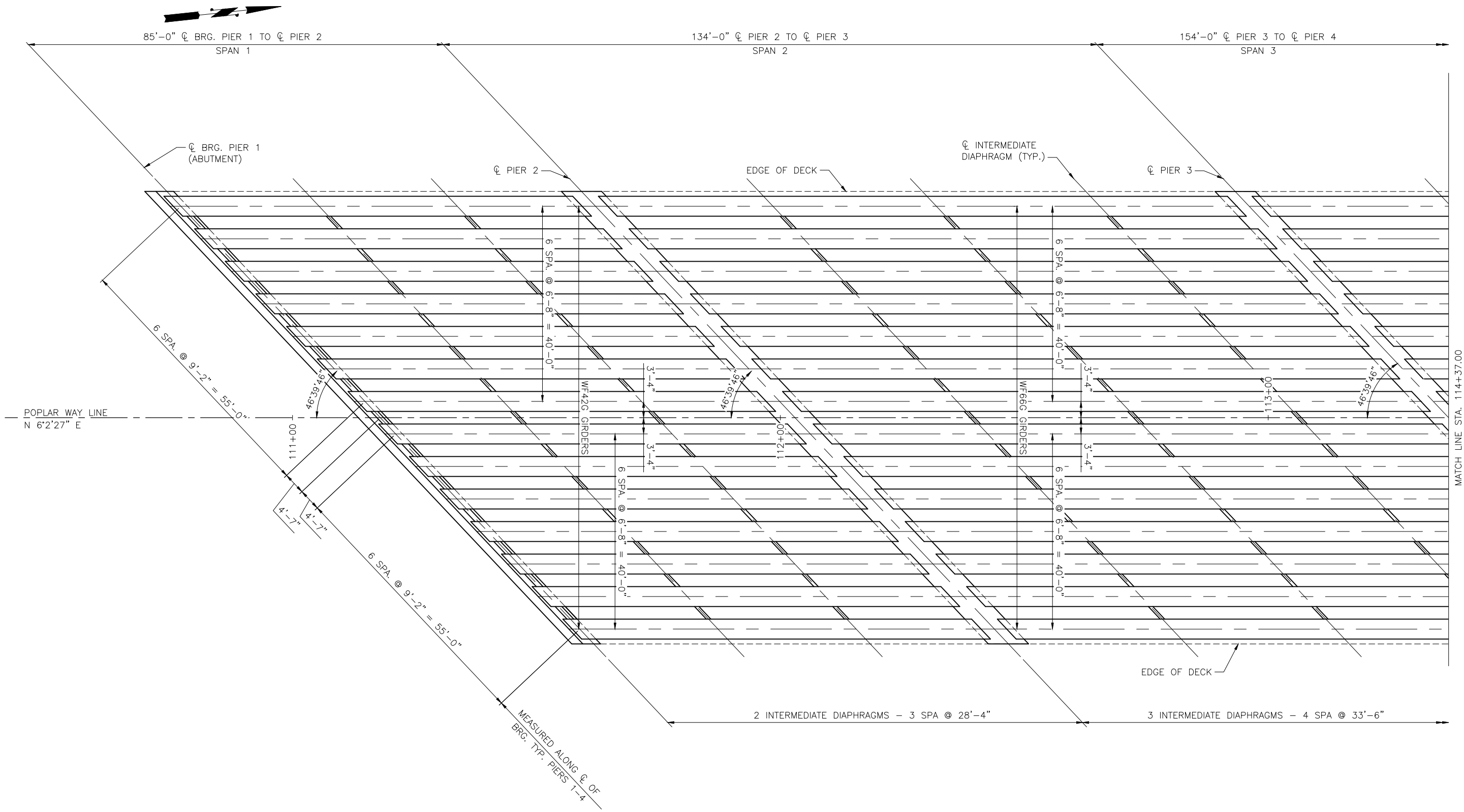
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ADH	2/15/24
Designed By	
EBB	2/15/24
Checked By	
TZ	2/15/24
Approved By	

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
GIRDER BEARING DETAILS

Drawing No.
BR25
Sheet No.
of Total

C/S 3120 ~ PROJ. NO. 1A2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



FRAMING PLAN
N 52°42'13" E

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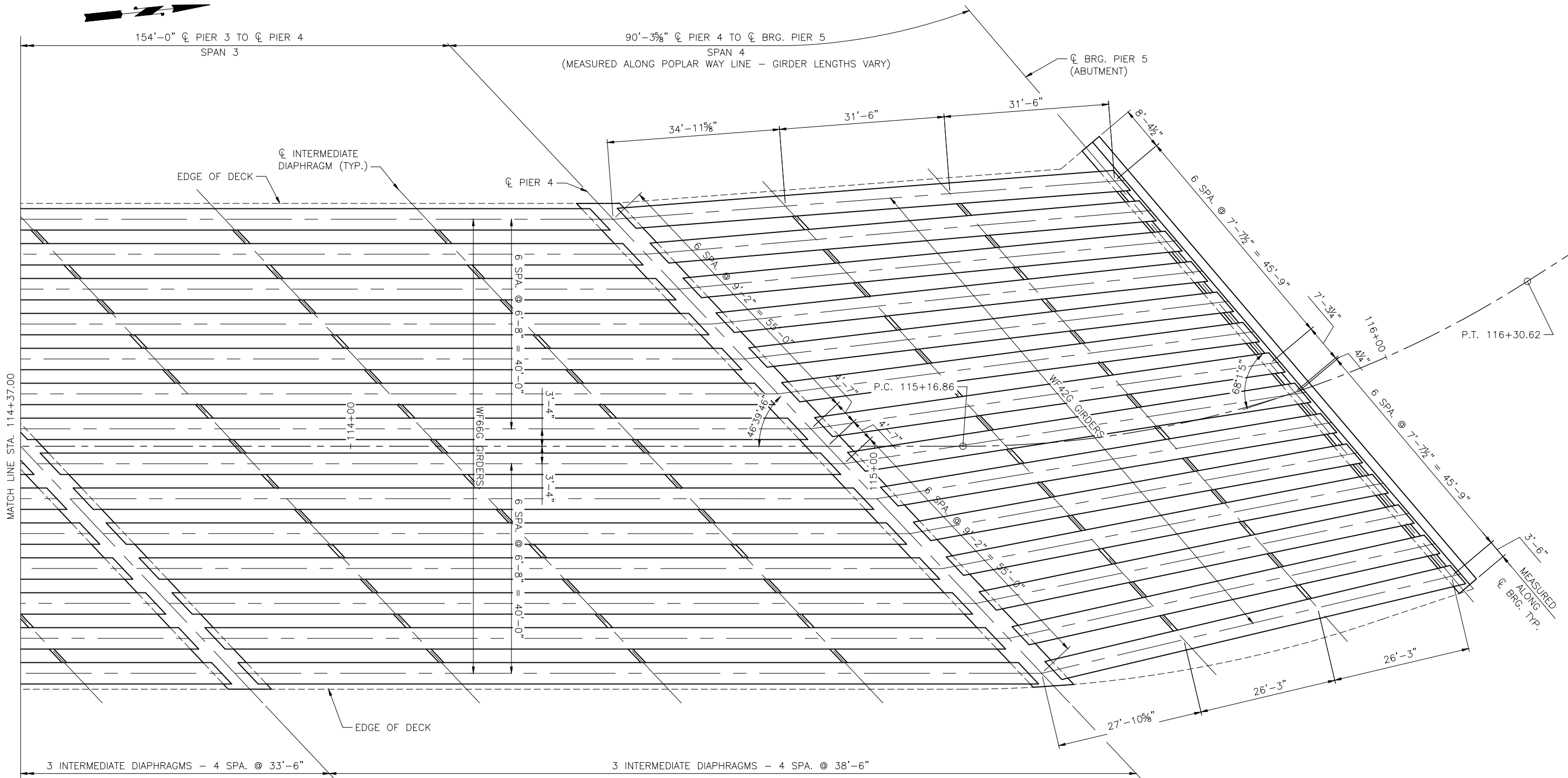


Drawn By: ADH
Designed By: SM
Checked By: EBB
Approved By: _____
Date: 2/15/24
Date: 2/15/24
Date: 2/15/24

SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
FRAMING PLAN 1 OF 2

Drawing No. **BR26**
Sheet No. _____
of Total



FRAMING PLAN

BEARING OF PIER 4 IS
N 52°42'13" E
BEARING OF PIER 5 IS
N 55°16'44" E

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Checked By: EBB
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Date: 2/15/24
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Date: 2/15/24

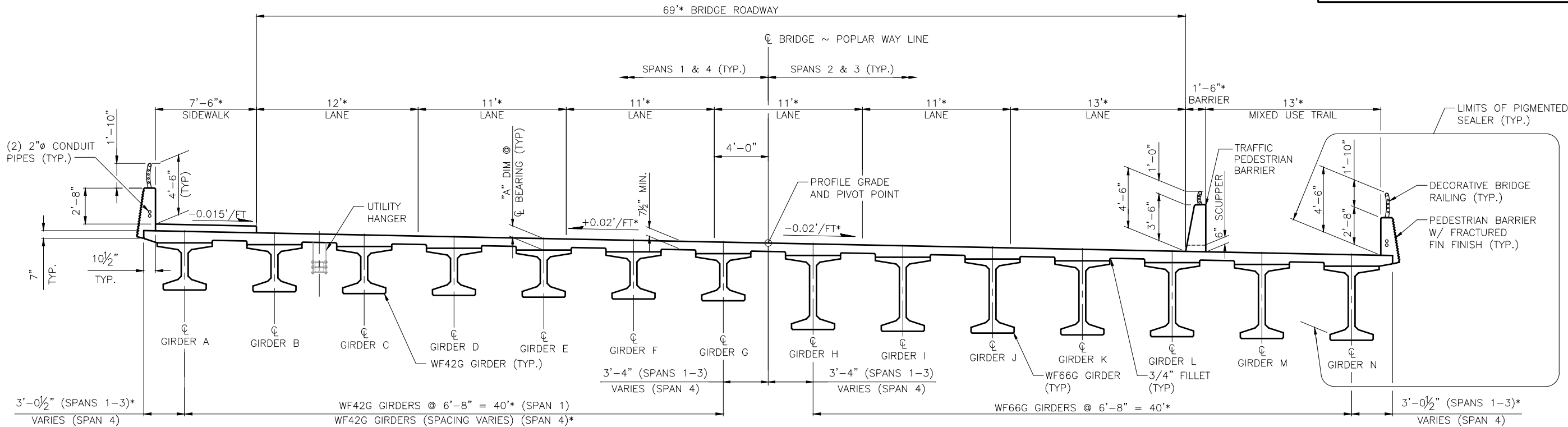
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Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
FRAMING PLAN 2 OF 2

Drawing No. **BR27**
Sheet No. _____
of Total

Feb 15, 2024 - 11:18am adharper l:\asaw09\lss6024\CADD\DD\SS01\Drawings\STRUC\20100156_BR27.dwg Layout Name: Framing Plan 2

C.S. 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



TYPICAL BRIDGE SECTION

* MEASURED PERPENDICULAR TO POPLAR WAY LINE

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Feb 15, 2024 - 11:18am adharper l:\seaw09\les16024\CADD\DS01\Drawings\STRUC\20100156_BR28.dwg Layout Name: Typical Section

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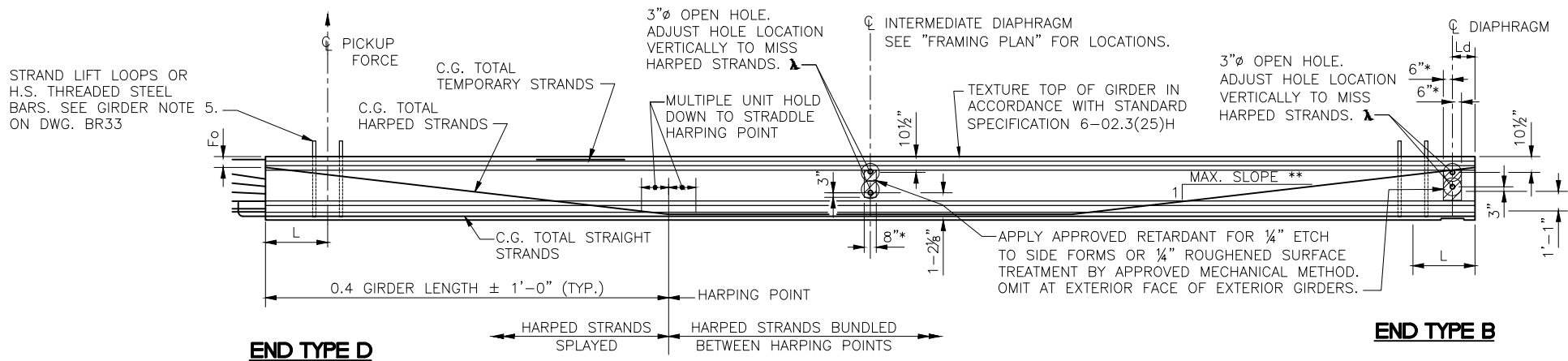
Drawn By	Date
ADH	2/15/24
Designed By	
SM	2/15/24
Checked By	
EBB	2/15/24
Approved By	

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

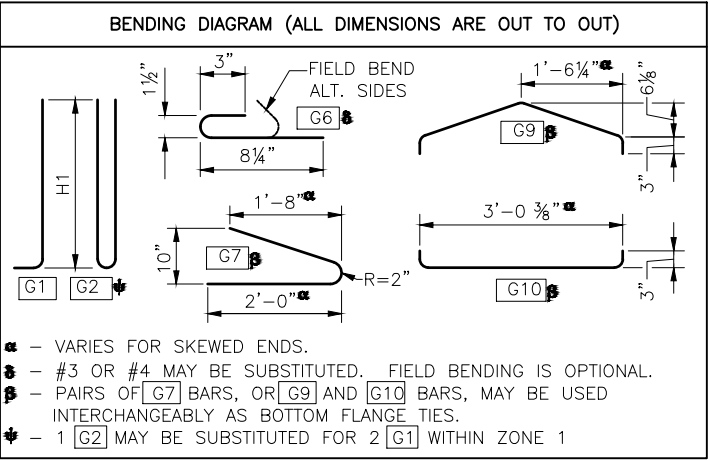
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TYPICAL SECTION

Drawing No.	BR28
Sheet No.	
of Total	

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



GIRDER ELEVATION



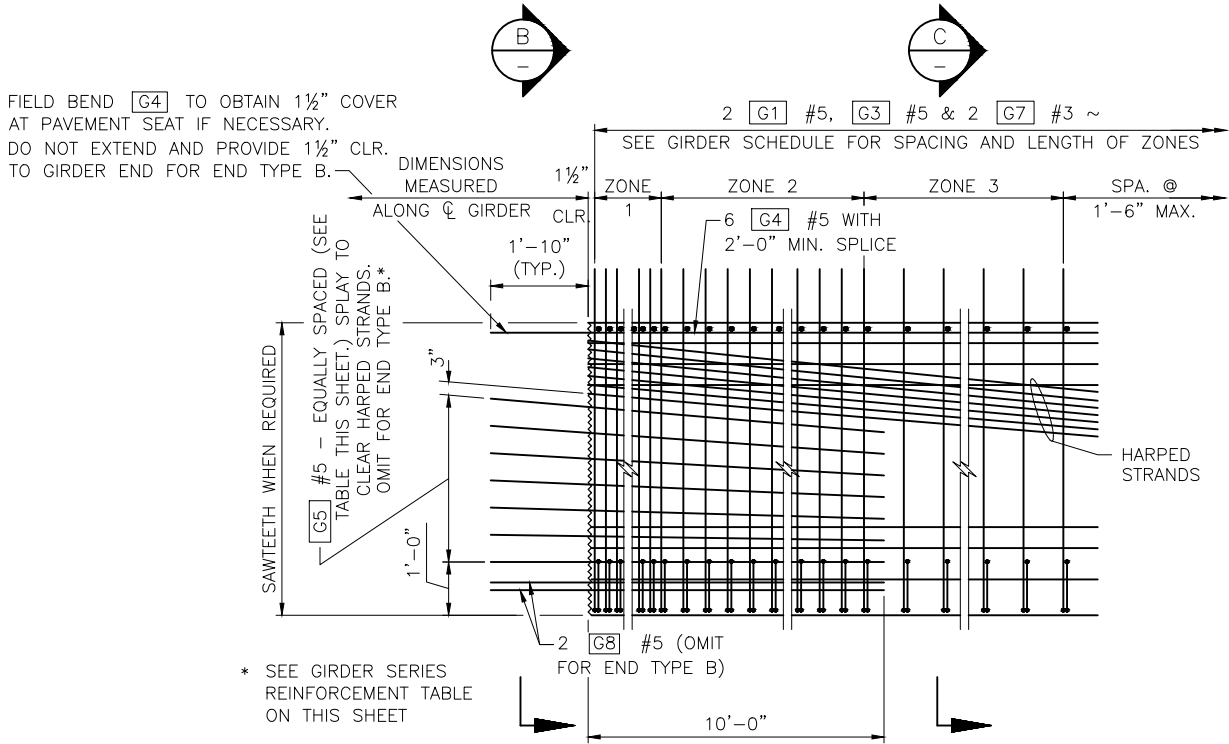
* MEASURED NORMAL TO CL DIAPHRAGM

** 8 : 1 MAXIMUM SLOPE FOR EACH HARPED STRAND

SEE GIRDER NOTE 9. ON DWG. BR33

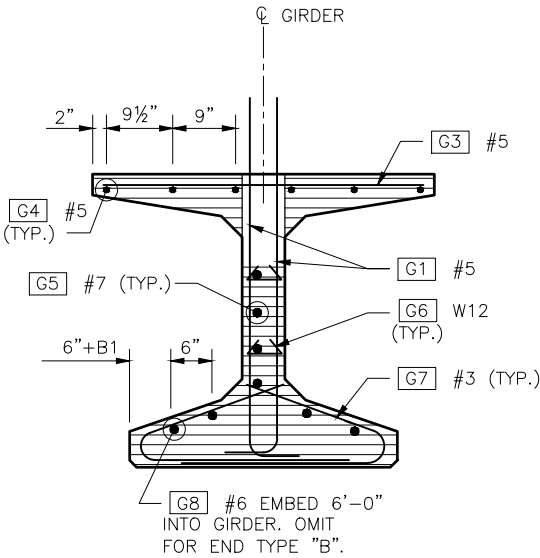
END TYPE PROPERTIES					
END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH
B	YES	0"	0"	0"	NO
D	NO	1'-10"	SEE "STRAND EXTENSION DETAIL"		YES

* PROVIDE 1/2" CLEAR COVER TO GIRDER END FOR END TYPE B.



REINFORCEMENT END ELEVATION

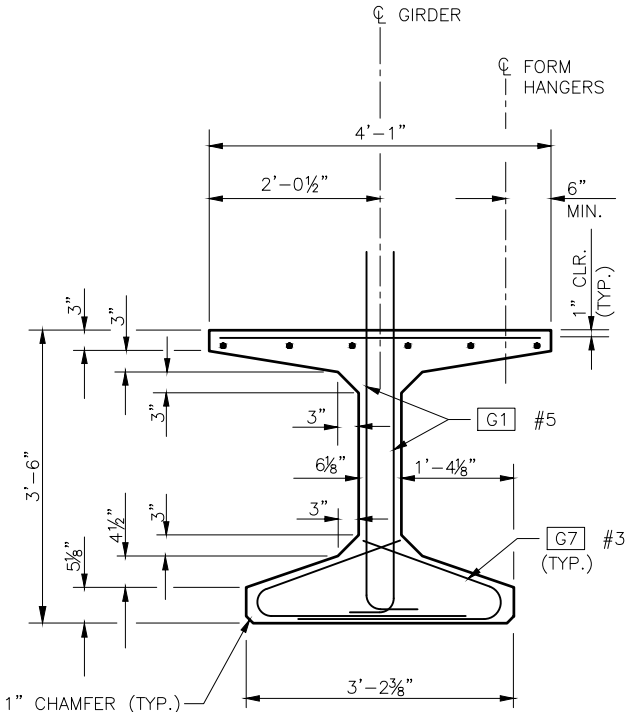
STRAIGHT AND TEMPORARY STRANDS NOT SHOWN FOR CLARITY.



VIEW B

SAWTEETH SHOWN BY HATCHED AREA

STRANDS NOT SHOWN



SECTION C

STRANDS NOT SHOWN

GIRDER SERIES	NO. OF G5 BARS
WF42G	4
WF66G	7

GIRDER SERIES REINFORCEMENT TABLE

100% REVIEW
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File: 15, 2024, 11:18am, adharper, l:\new09\lsh\6024\CADD\DWG\STRUC\0100156_BR29.dwg, Layout Name: WF42G Girder Elevation

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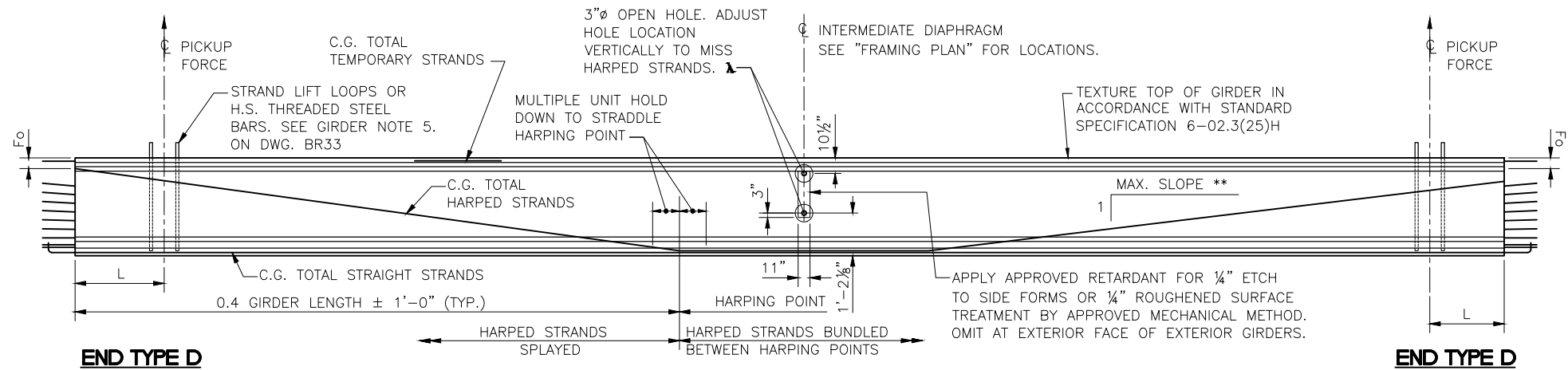


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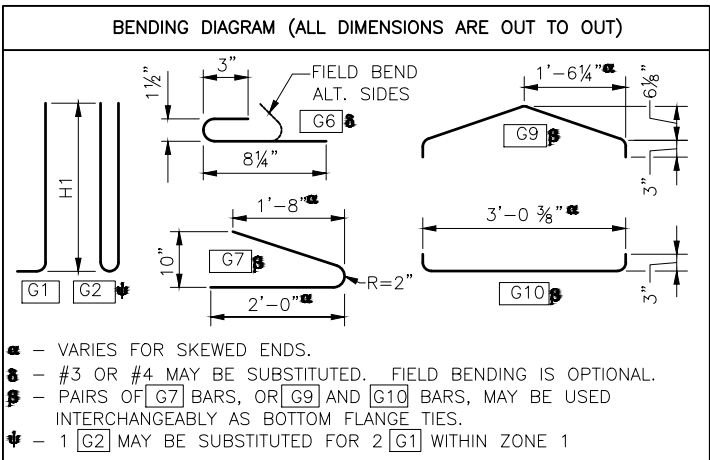
SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD		Drawing No.
POPLAR WAY EXTENSION BRIDGE		BR29
WF42G GIRDER DETAILS 1 OF 3		Sheet No. _____ of Total _____

C/S 3120 ~ PROJ. NO. 142797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



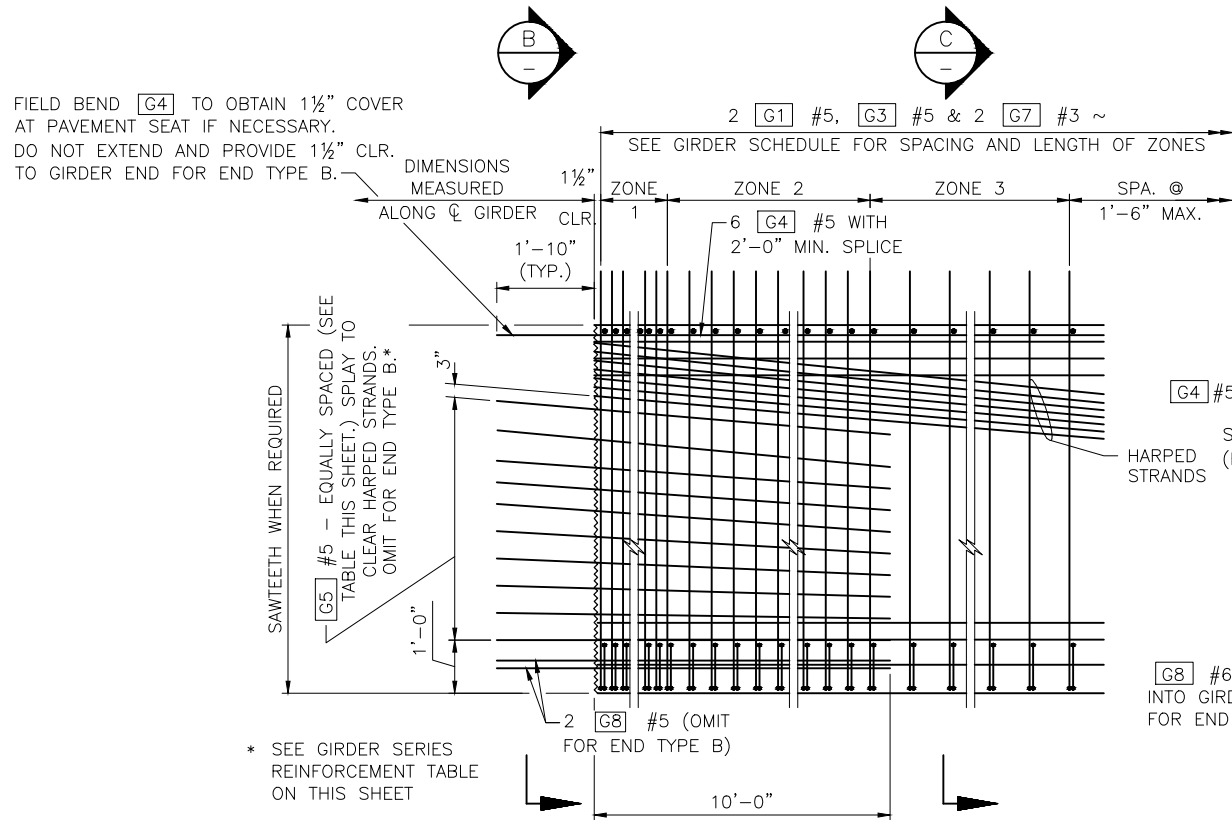
GIRDER ELEVATION



** 8 : 1 MAXIMUM SLOPE FOR EACH HARPED STRAND

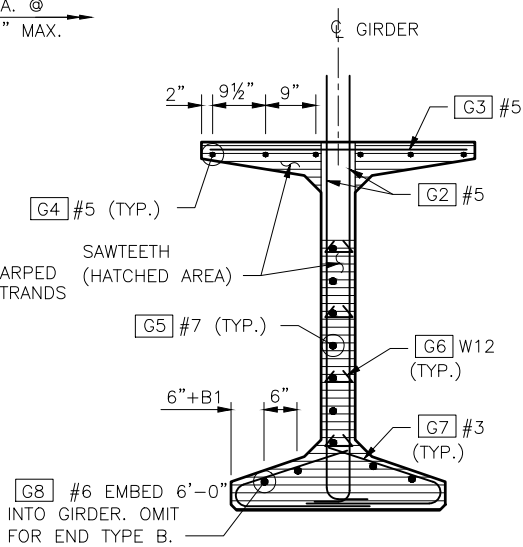
SEE GIRDER NOTE 9 ON DWG. BR33.

END TYPE PROPERTIES					
END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH
D	NO	1'-10"	SEE "STRAND EXTENSION DETAIL"		YES



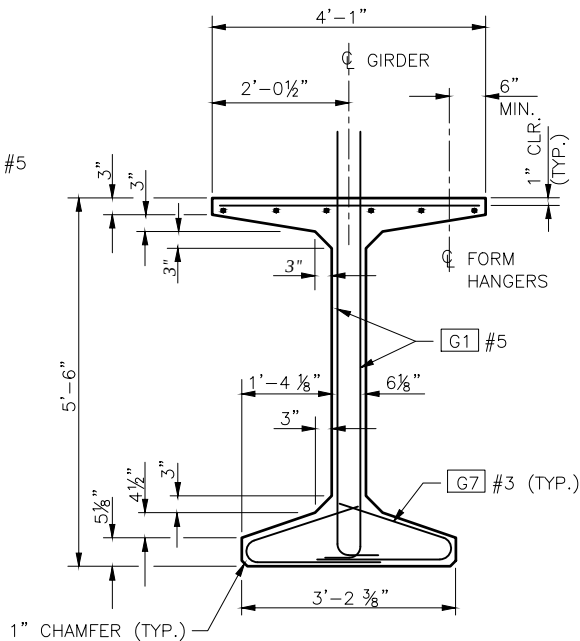
REINFORCEMENT END ELEVATION

STRAIGHT AND TEMPORARY STRANDS NOT SHOWN FOR CLARITY.
WF66G SHOWN, OTHERS SIMILAR



VIEW B
SAWTEETH SHOWN BY HATCHED AREA

STRANDS NOT SHOWN



SECTION C
STRANDS NOT SHOWN

GIRDER SERIES	NO. OF [G5] BARS
WF42G	4
WF66G	7

GIRDER SERIES
REINFORCEMENT TABLE

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Feb 15, 2024 - 11:18am adharper l:\view\05\lsh\6024\CADD\DWG\STRUC\0100156_BR33.dwg Layout Name: WF42G Girder Details

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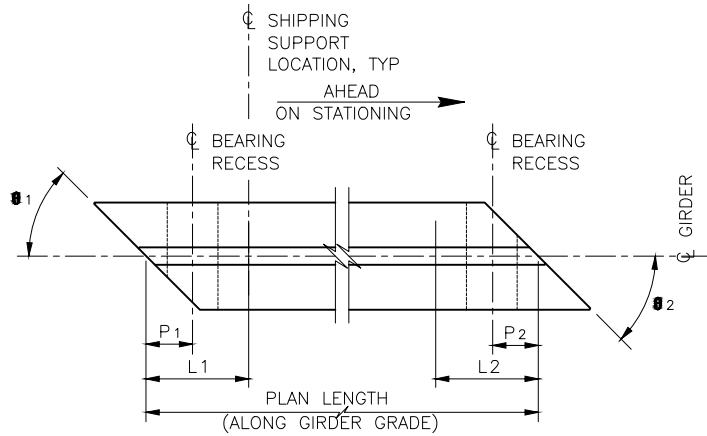


Drawn By ADH
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Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

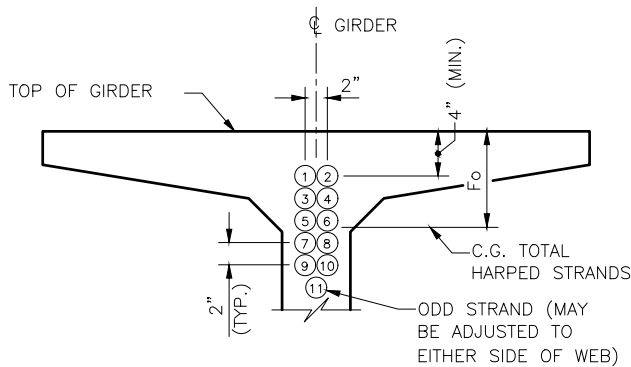
CITY OF LYNNWOOD		Drawing No.
POPLAR WAY EXTENSION BRIDGE		BR30
WF66G GIRDER DETAILS 1 OF 3		Sheet No.
		of Total

C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



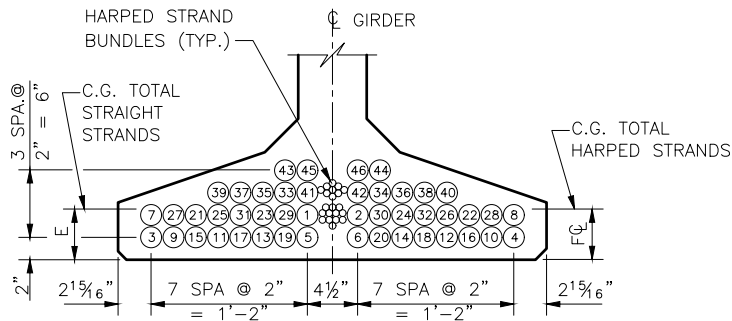
END 1 GIRDER SCHEDULE LEGEND

L1 AND L2 ARE SHIPPING SUPPORT LOCATIONS AT LEADING AND TRAILING ENDS, RESPECTIVELY. SEE DWG BR33 FOR DIMENSIONS AND ANGLES



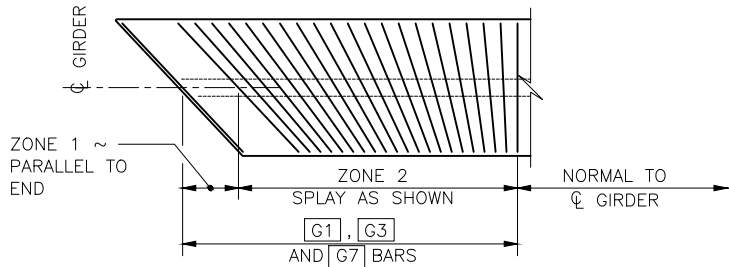
STRAND PATTERN AT GIRDER END

HARPED STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ①, ② ETC.



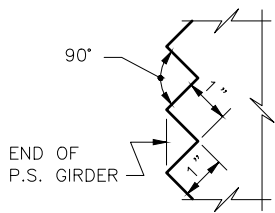
STRAND PATTERN AT ϕ SPAN

STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ①, ② ETC.



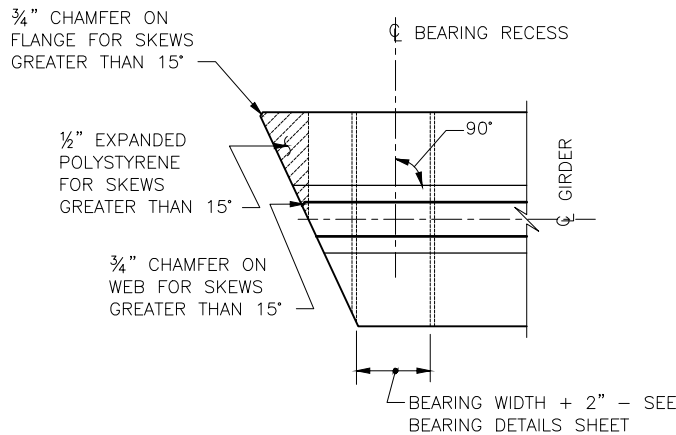
TRANSVERSE REINFORCING SKEWED ENDS

LENGTH OF [G3] AND [G7] VARY WITH SKEW. ONLY TRANSVERSE REINFORCEMENT SHOWN.

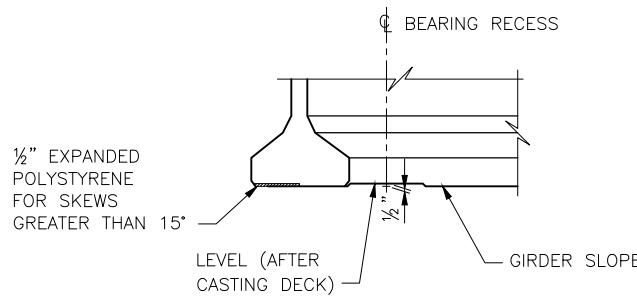


SAWTOOTH DETAILS

SAWTEETH SHALL BE FULL WIDTH - USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL AS TOP FLANGE ADJACENT TO HARPED STRANDS.



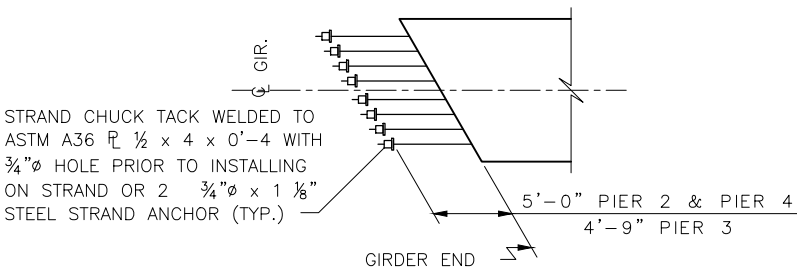
PLAN



ELEVATION

BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION DETAIL

BEARING RECESS FORMS SHALL BE CONSTRUCTED AND FASTENED TO AVOID GIRDER DAMAGE DURING STRAND RELEASE.



STRAND EXTENSION DETAIL

ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

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Feb 15, 2024 - 11:18am adhanper l:\view\05\lsh\6024\CADD\DDSD01\Drawings\STRUC\0100156-BR31.dwg Layout Name: WF Girder Details 1

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EBB
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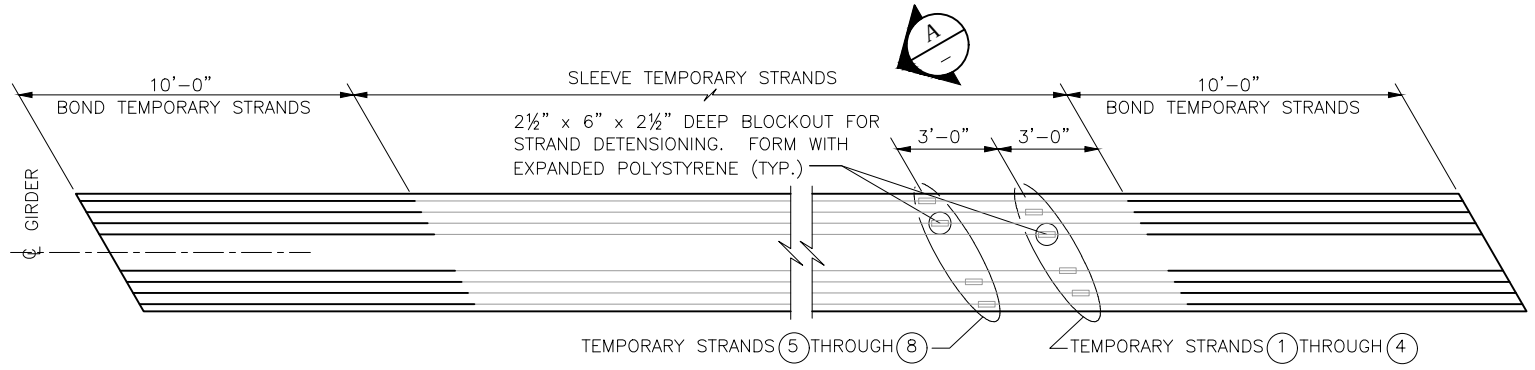
Date
2/15/24
2/15/24
2/15/24

SCALE
Horiz
Vert
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WF42G & WF66G GIRDER DETAILS 2 OF 3

Drawing No.
BR31
Sheet No.

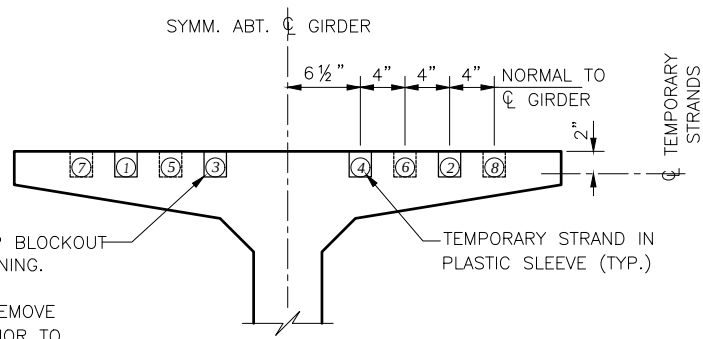
C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



PLAN
PRETENSIONED TEMPORARY
TOP STRANDS ALTERNATE

SEE "GIRDER SCHEDULE" ON DWG. BR33 FOR NUMBER OF TEMPORARY STRANDS REQUIRED.

2 1/2" x 6" x 2 1/2" DEEP BLOCKOUT FOR STRAND DETENSIONING. FORM WITH EXPANDED POLYSTYRENE (TYP.) REMOVE POLYSTYRENE JUST PRIOR TO CUTTING THE TEMPORARY STRANDS AND PREVENT MOISTURE FROM ENTERING THE BLOCKOUT AS DESCRIBED IN THE THE TEMPORARY STRAND CUTTING SEQUENCE. (TYP.)



SECTION
A

NOTES:

- 1. TEMPORARY STRAND LOCATION SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.

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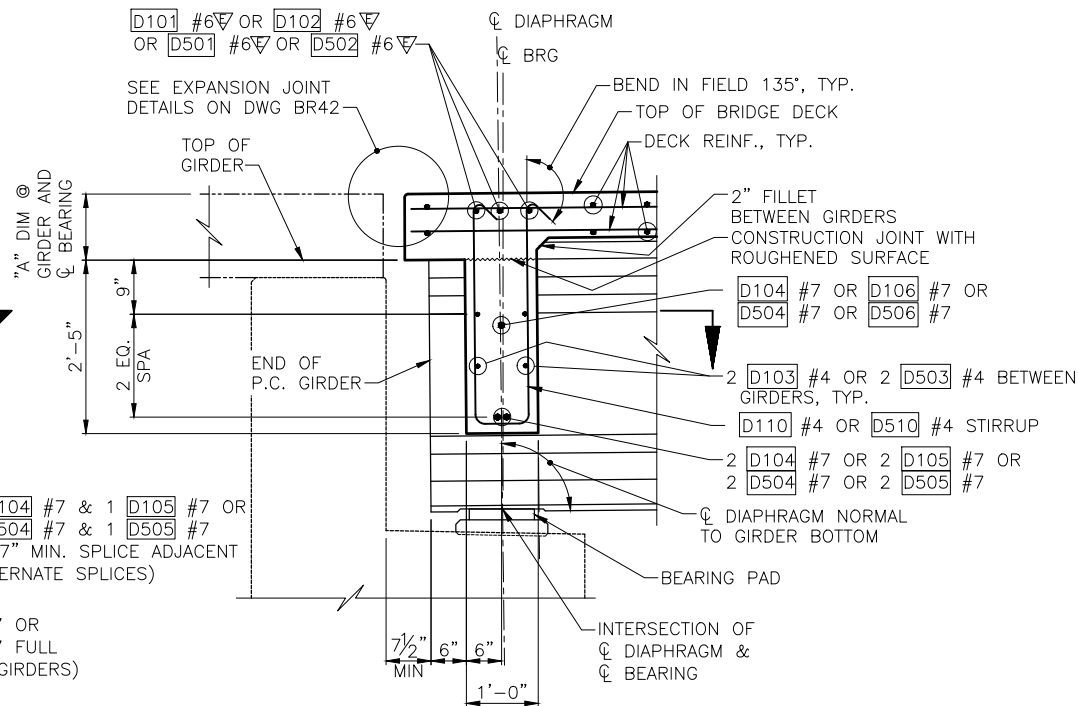
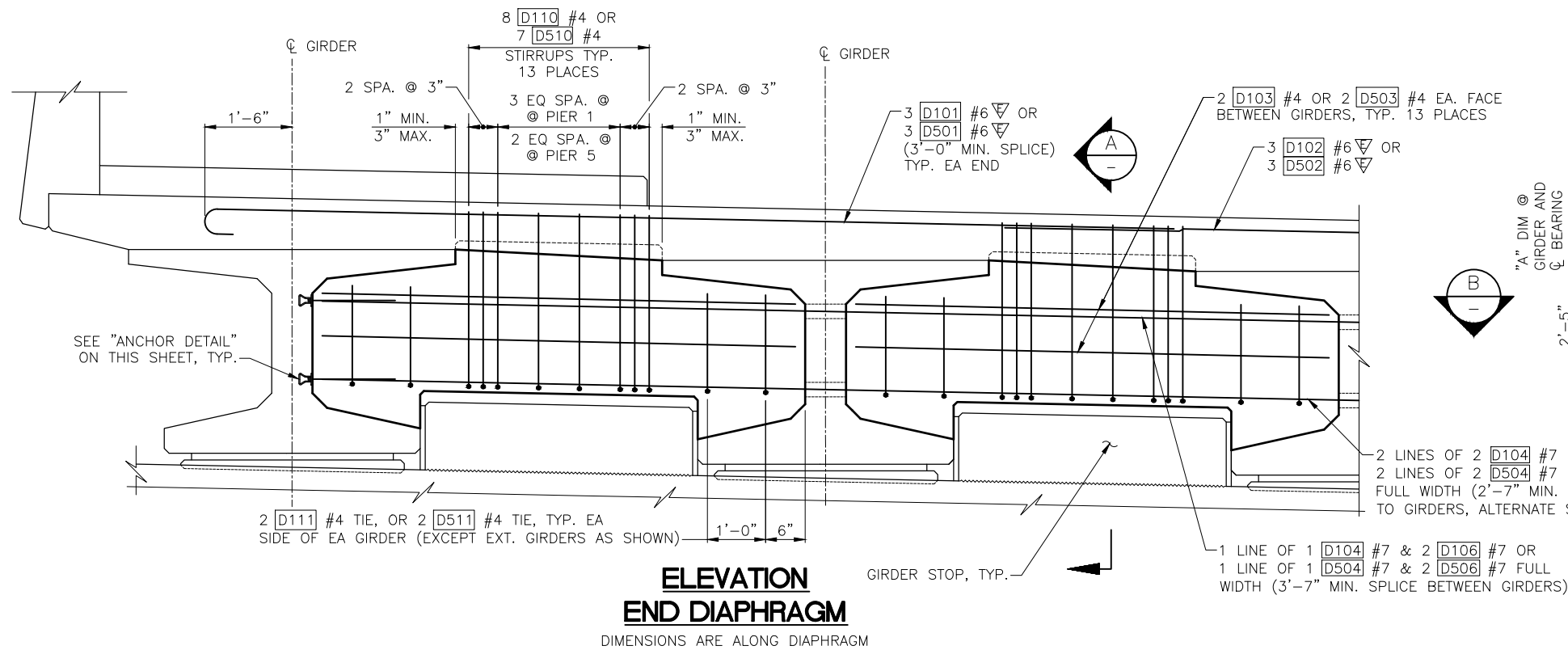
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Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WF42G & WF66G GIRDER DETAILS 3 OF 3

Drawing No.
BR32
Sheet No.
of Total

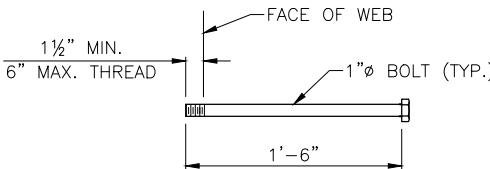
GIRDER SCHEDULE

SPAN	GIRDER	GIRDER SERIES	PLAN LENGTH (ALONG GIRDER GRADE) (SEE GIRDER NOTE 1)	INT. DIAPH (FULL OR PARTIAL)	GIRDER END DETAILS					MIN CONC COMP. STRENGTH		NUMBER OF STRANDS (SEE GIRDER NOTE 2)			LOCATION OF CG STRANDS			STRAIGHT STRANDS TO EXTEND				7/8" DIM AT CL BEARING	DECK SCREED CAMBER	MIDSPAN VERTICAL DEFLECTION, D		REINFORCEMENT DETAILS						SHIPPING AND HAULING DETAILS								
					END 1 TYPE	END 2 TYPE	Ld	S1	S2	P1	P2	28 DAYS	RELEASE	STRAIGHT	HARPED	TEMPORARY	E	F CL	Fo	END 1				END 2		LOWER BOUND @ 40 DAYS	UPPER BOUND @ 120 DAYS	ZONE 1		ZONE 2		ZONE 3		H1	MAXIMUM MIDSPAN VERTICAL DEFLECTION AT SHIPPING	L	L1	L2	K MINIMUM SHIPPING SUPPORT ROTATIONAL SPRING CONSTANT (KIP-IN/RAD)	WCC MINIMUM SHIPPING SUPPORT CNTR-TO-CNTR WHEEL SPACING
																				STRANDS	EXT. LENGTH			STRANDS	EXT. LENGTH			SPACING	LENGTH	SPACING	LENGTH	SPACING	LENGTH							
1	A-C	WF42G	83'-9 5/8"	FULL	B	D	1'-0"	46.66	46.66	1'-4 1/2"	-	10	7	20	10	0	2 3/8"	4"	8"	-	-	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	14"	1"	1 1/8"	2 5/8"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-11"	2 7/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	D-I	WF42G	83'-9 5/8"	FULL	B	D	1'-0"	46.66	46.66	1'-4 1/2"	-	10	7	20	8	0	2 3/8"	4"	7"	-	-	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	14"	7/8"	1"	2 1/2"	3"	1'-9"	6"	12'-0"	9"	5'-3"	5'-1"	2 3/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	J-K	WF42G	83'-9 1/4"	FULL	B	D	1'-0"	46.66	46.66	1'-4 1/2"	-	10	7	20	10	0	2 3/8"	4"	8"	-	-	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	14"	1"	1 1/8"	2 5/8"	3"	1'-9"	6"	12'-0"	9"	5'-3"	5'-1 1/2"	2 7/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	L-N	WF42G	83'-9"	FULL	B	D	1'-0"	46.66	46.66	1'-4 1/2"	-	10	7	24	10	0	2 5/8"	4"	8"	-	-	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	14"	1 1/8"	1 3/8"	3 1/4"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	5'-3"	5'-1"	3 1/2"	3'-0"	3'-6"	3'-6"	28000	6'-0"
2	A-C	WF66G	129'-0 3/4"	FULL	D	D	-	46.66	46.66	-	-	10	7	36	12	0	3 3/8"	4"	9"	9, 10, 11, 12, 13, 14	5'-0"	9, 10, 11, 12, 13, 14	4'-9"	8 3/4"	2 1/4"	2 1/8"	5 1/8"	2.5"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	7'-0"	5 1/2"	3'-6"	5'-6"	5'-6"	32000	6'-0"
	D-H	WF66G	129'-0 1/4"	FULL	D	D	-	46.66	46.66	-	-	10	7	28	12	0	2 7/8"	4"	9"	9, 10, 11, 12, 13, 14	5'-0"	9, 10, 11, 12, 13, 14	4'-9"	8 3/4"	1 3/4"	1 1/2"	3 3/4"	3 1/2"	1'-9"	6"	12'-0"	9"	10'-6"	7'-0 1/2"	4 1/8"	3'-6"	5'-6"	5'-6"	32000	6'-0"
	I-K	WF66G	129'-0"	FULL	D	D	-	46.66	46.66	-	-	10	7	32	12	0	3"	4"	9"	9, 10, 11, 12, 13, 14	5'-0"	9, 10, 11, 12, 13, 14	4'-9"	8 3/4"	1 3/4"	1 7/8"	4 1/2"	3"	1'-9"	6"	12'-0"	9"	10'-6"	7'-0 1/2"	4 7/8"	3'-6"	5'-6"	5'-6"	32000	6'-0"
	L-N	WF66G	128'-11 3/4"	FULL	D	D	-	46.66	46.66	-	-	10	7	38	12	0	3 1/2"	4"	9"	9, 10, 11, 12, 13, 14	5'-0"	9, 10, 11, 12, 13, 14	4'-9"	8 3/4"	2 1/4"	2 3/8"	5 1/2"	2.5"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	7'-0"	5 7/8"	3'-6"	5'-6"	5'-6"	32000	6'-0"
3	A	WF66G	148'-11 1/2"	FULL	D	D	-	46.66	46.66	-	-	10	7.8	46	18	0	4 1/8"	4 3/4"	12"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	4 3/8"	3 1/4"	7 5/8"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	10'-6"	7'-2 3/4"	8 1/4"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	B-C	WF66G	148'-11 5/8"	FULL	D	D	-	46.66	46.66	-	-	10.1	7.8	46	18	0	4 1/8"	4 3/4"	12"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	4 3/8"	3 1/4"	7 1/2"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	10'-6"	7'-2 3/4"	8 1/4"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	D-G	WF66G	148'-11 3/4"	FULL	D	D	-	46.66	46.66	-	-	10	7.5	36	18	0	3 3/8"	4 3/4"	12"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	3 1/2"	2 1/2"	5 3/4"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	7'-3 1/4"	6 3/8"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	H-J	WF66G	149'-0"	FULL	D	D	-	46.66	46.66	-	-	10	7.5	36	18	0	3 3/8"	4 3/4"	12"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	3 1/2"	2 1/2"	5 3/4"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	7'-3 1/4"	6 3/8"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	K	WF66G	149'-0 1/4"	FULL	D	D	-	46.66	46.66	-	-	10	7.5	40	18	0	3 5/8"	4 3/4"	12"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	4"	2 7/8"	6 5/8"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	7'-3 1/4"	7 1/4"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	L-M	WF66G	149'-0 1/2"	FULL	D	D	-	46.66	46.66	-	-	10.2	8.1	46	20	0	4 1/8"	4 7/8"	13"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	4 1/4"	3 1/4"	7 5/8"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	10'-6"	7'-3"	8 1/4"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	N	WF66G	149'-0 1/2"	FULL	D	D	-	46.66	46.66	-	-	10	7.5	44	20	6	3 7/8"	4 7/8"	13"	15, 16, 17, 18, 19, 20	4'-9"	9, 10, 11, 12, 13, 14	5'-0"	8 3/4"	3 7/8"	3 1/8"	7"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	10'-6"	7'-3"	6 3/8"	3'-6"	5'-6"	5'-6"	36000	6'-0"
	A	WF42G	94'-6 5/8"	FULL	D	B	1'-0"	51.2	54.1	-	1'-2 7/8"	10	7.5	32	12	0	3"	4"	9"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	2 1/4"	2 1/8"	5"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	10'-6"	5'-3 1/2"	5 1/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
4	B	WF42G	93'-3 3/8"	FULL	D	B	1'-0"	51.81	54.7	-	1'-2 3/4"	10	7	30	12	0	2 7/8"	4"	9"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1 7/8"	2"	4 3/4"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	5'-3"	5'-3 1/4"	5 1/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	C	WF42G	92'-0 1/8"	FULL	D	B	1'-0"	52.44	55.33	-	1'-2 5/8"	10	7	28	12	0	2 7/8"	4"	9"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1 3/4"	1 7/8"	4 3/8"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	5'-3"	5'-2 1/2"	4 5/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	D	WF42G	90'-9"	FULL	D	B	1'-0"	53.08	55.97	-	1'-2 1/2"	10	7	24	10	0	2 5/8"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1 3/8"	1 1/2"	3 1/2"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	5'-3"	5'-2"	3 3/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	E	WF42G	89'-6"	FULL	D	B	1'-0"	53.74	56.63	-	1'-2 3/8"	10	7	22	10	0	2 1/2"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1 1/4"	1 3/8"	3 1/8"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	5'-3"	5'-0 3/4"	3 3/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	F	WF42G	88'-3 1/8"	FULL	D	B	1'-0"	54.42	57.31	-	1'-2 1/4"	10	7	22	10	0	2 1/2"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1 1/8"	1 1/4"	3 1/8"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	5'-3"	4'-11 3/4"	3 3/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	G	WF42G	87'-0 3/8"	FULL	D	B	1'-0"	55.12	58.01	-	1'-2 1/8"	10	7	20	10	0	2 3/8"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1"	1 1/8"	2 3/4"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-11"	3"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	H	WF42G	85'-9 7/8"	FULL	D	B	1'-0"	55.84	58.73	-	1'-2"	10	7	20	10	0	2 3/8"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	1"	1 1/8"	2 3/4"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-10"	3"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	I	WF42G	84'-7 3/8"	FULL	D	B	1'-0"	56.58	59.47	-	1'-1 7/8"	10	7	20	8	0	2 3/8"	4"	7"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	7/8"	1"	2 1/2"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-9 1/2"	2 3/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	J	WF42G	83'-5"	FULL	D	B	1'-0"	57.34	60.24	-	1'-1 7/8"	10	7	20	8	0	2 3/8"	4"	7"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	3/4"	1"	2 1/2"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-9"	2 3/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	K	WF42G	82'-2 7/8"	FULL	D	B	1'-0"	58.13	61.02	-	1'-1 3/4"	10	7	18	8	0	2 1/2"	4"	7"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	3/4"	7/8"	2 1/8"	3"	1'-9"	6"	12'-0"	9"	5'-3"	4'-9"	2 3/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	L	WF42G	81'-1"	FULL	D	B	1'-0"	58.93	61.83	-	1'-1 5/8"	10	7	22	10	0	2 1/2"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	7/8"	1 1/4"	2 7/8"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	5'-3"	4'-8 1/2"	3"	3'-0"	3'-6"	3'-6"	28000	6'-0"
	M	WF42G	79'-11 1/4"	FULL	D	B	1'-0"	59.76	62.66	-	1'-1 1/2"	10	7	20	10	0	2 3/8"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	7/8"	1 1/8"	2 1/2"	2 1/2"	1'-10 1/2"	6"	12'-0"	9"	10'-6"	4'-8 1/2"	2 3/4"	3'-0"	3'-6"	3'-6"	28000	6'-0"
N	WF42G	78'-9 3/4"	FULL	D	B	1'-0"	60.62	63.51	-	1'-1 3/8"	10	7	24	10	2	2 5/8"	4"	8"	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	5'-0"	-	-	11 1/2"	7/8"	1 1/4"	2 7/8"	2 1/2"	2'-8 1/2"	6"	12'-0"	9"	15'-9"	4'-8 1/2"	2 7/8"	3'-0"	3'-6"	3'-6"	28000	6'-0"	



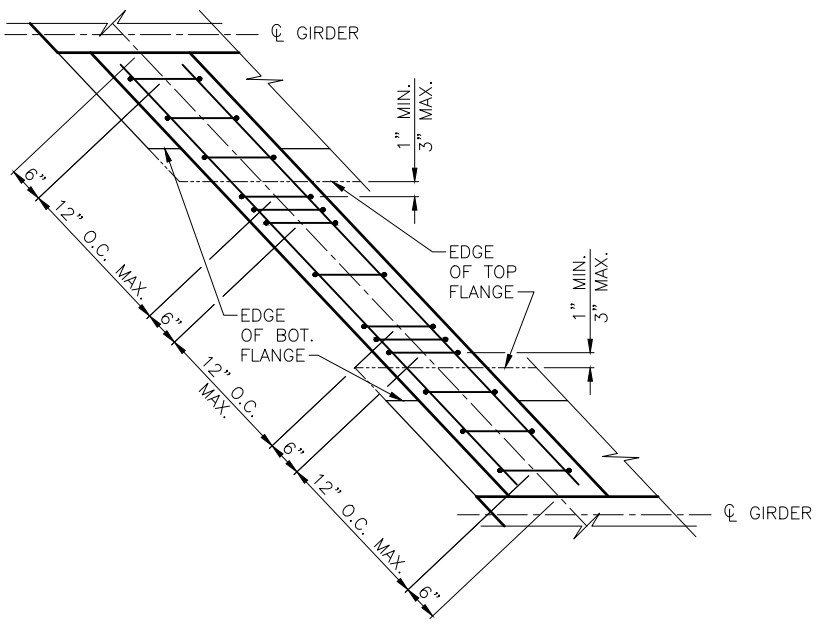
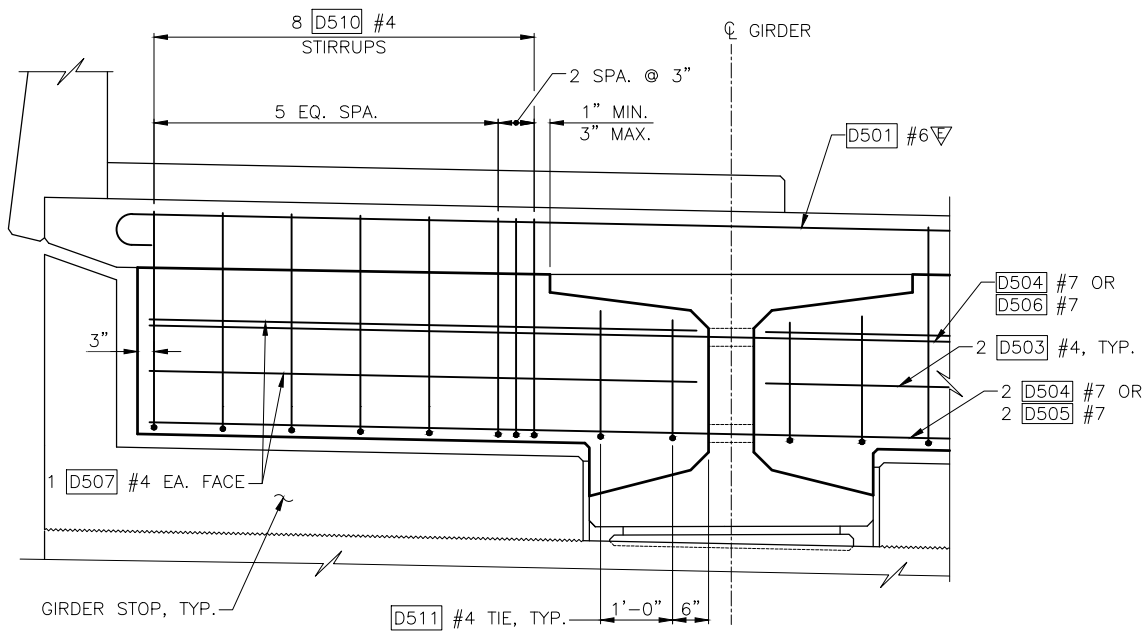
SECTION A

LONGITUDINAL DIMENSIONS ARE NORMAL TO DIAPHRAGM.
GIRDER STOP NOT SHOWN FOR CLARITY.
+ GRADE SHOWN, -GRADE SIMILAR.



- NOTES**
- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
 - THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
 - CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
 - LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
 - FOR CONCRETE PLACEMENT PROCEDURE SEE "CONSTRUCTION SEQUENCE SUPERSTRUCTURE" ON BR5.

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SECTION B
EXTERIOR DIAPHRAGM SIMILAR

Feb 15, 2024, 11:18am adhanper \\saw005\jsh\6024\CADD\SDS01\Drawings\STRUC\0100156_BR34.dwg Layout Name: WF-42G End Diaphragm Details

No.	Date	Revision	By	Appr.

HNTB
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Drawn By
ADH
Designed By
SM
Checked By
EBB
Approved By

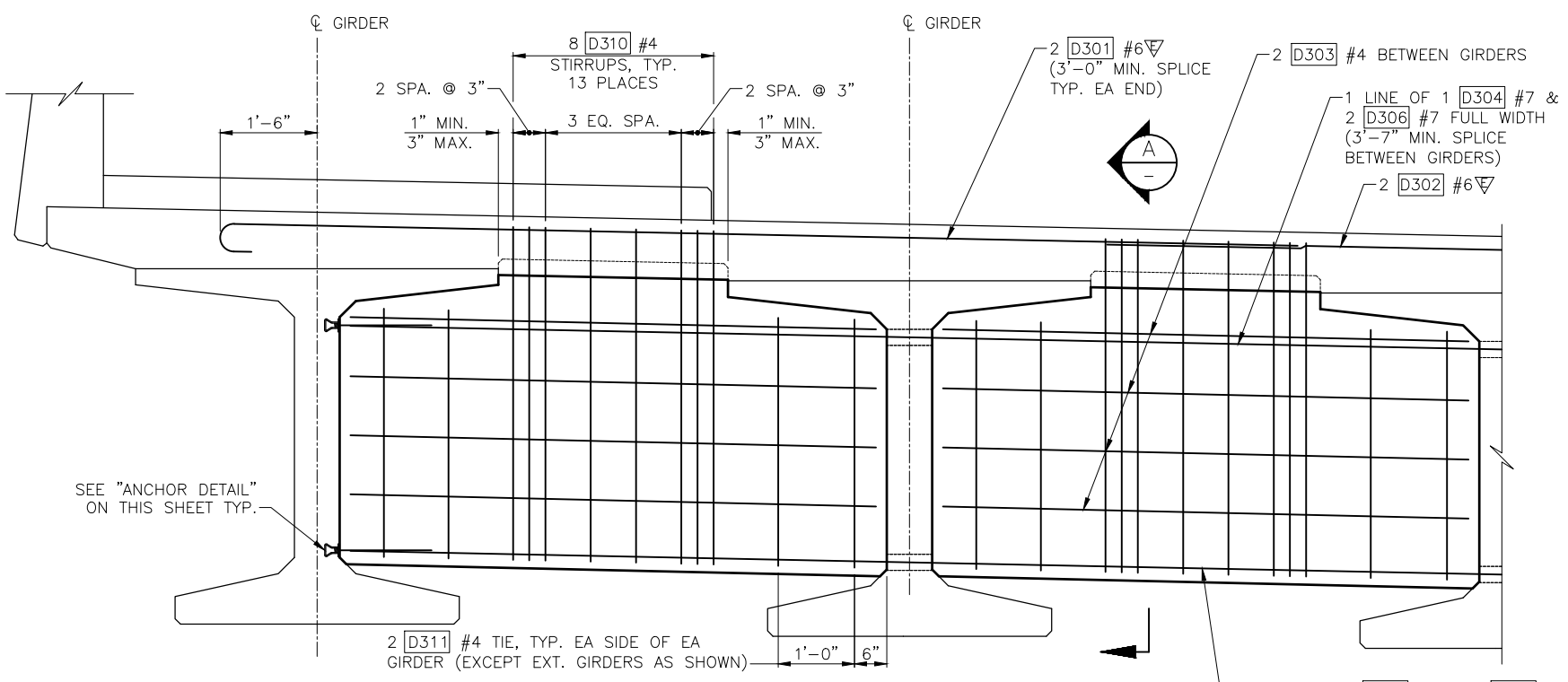
Date
2/15/24
2/15/24
2/15/24

SCALE
Horiz
Vert
N/A
N/A
Project Number
20100156

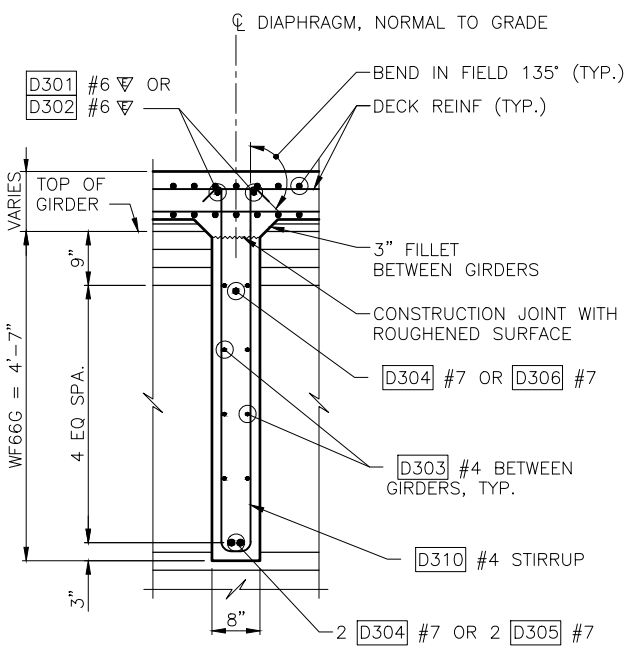
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
END DIAPHRAGM DETAILS

Drawing No.
BR34
Sheet No.

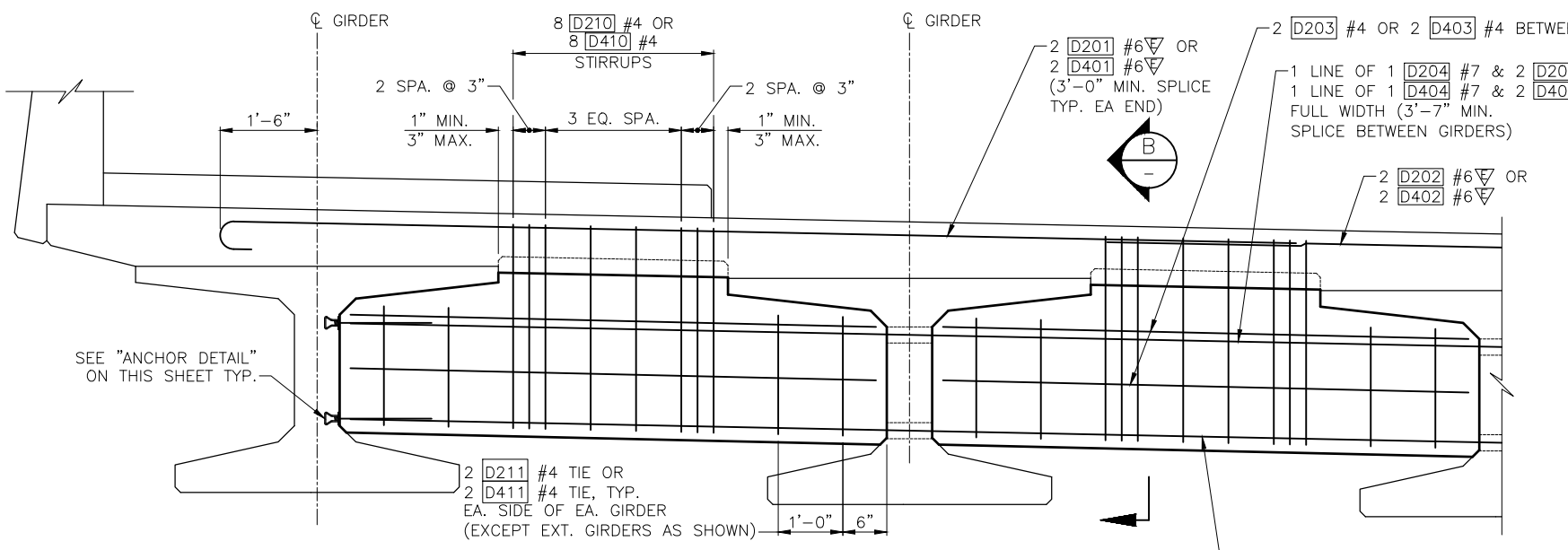
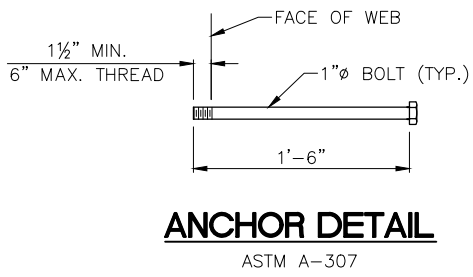
C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



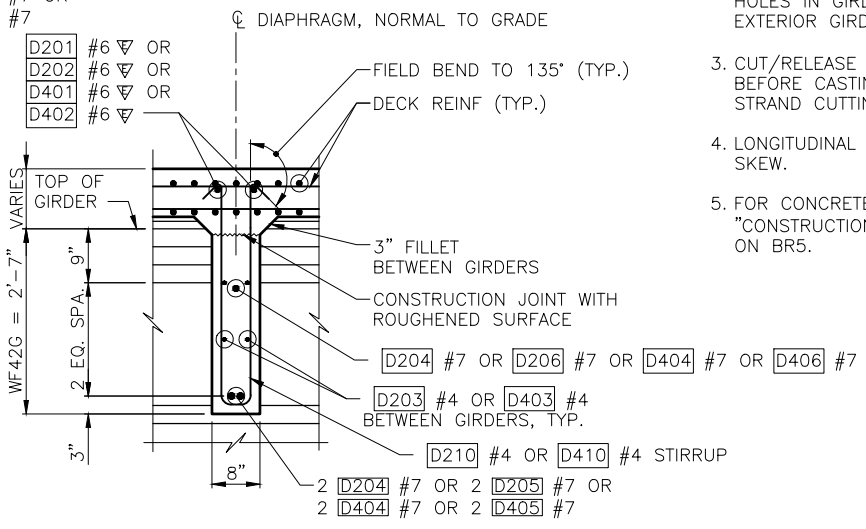
**WF66G GIRDER ELEVATION
INTERMEDIATE DIAPHRAGM**
DIMENSIONS ARE ALONG DIAPHRAGM



SECTION A
SEE GIRDER
SCHEDULE ON
DWG BR33 FOR
DIMENSION "A".



**WF42G GIRDER ELEVATION
INTERMEDIATE DIAPHRAGM**
DIMENSIONS ARE ALONG DIAPHRAGM



SECTION B
SEE GIRDER
SCHEDULE ON
DWG BR33 FOR
DIMENSION "A".

- NOTES:**
- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
 - THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
 - CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
 - LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
 - FOR CONCRETE PLACEMENT PROCEDURE SEE "CONSTRUCTION SEQUENCE SUPERSTRUCTURE" ON BR5.

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Feb 15, 2024 - 2:04pm adharper J:\80024\CADD\Drawings\STRUC\20100156_BR.5.dwg Layout Name: WF42G - WF66G Intermediate Diaphragms

No.	Date	Revision	By	Appr.

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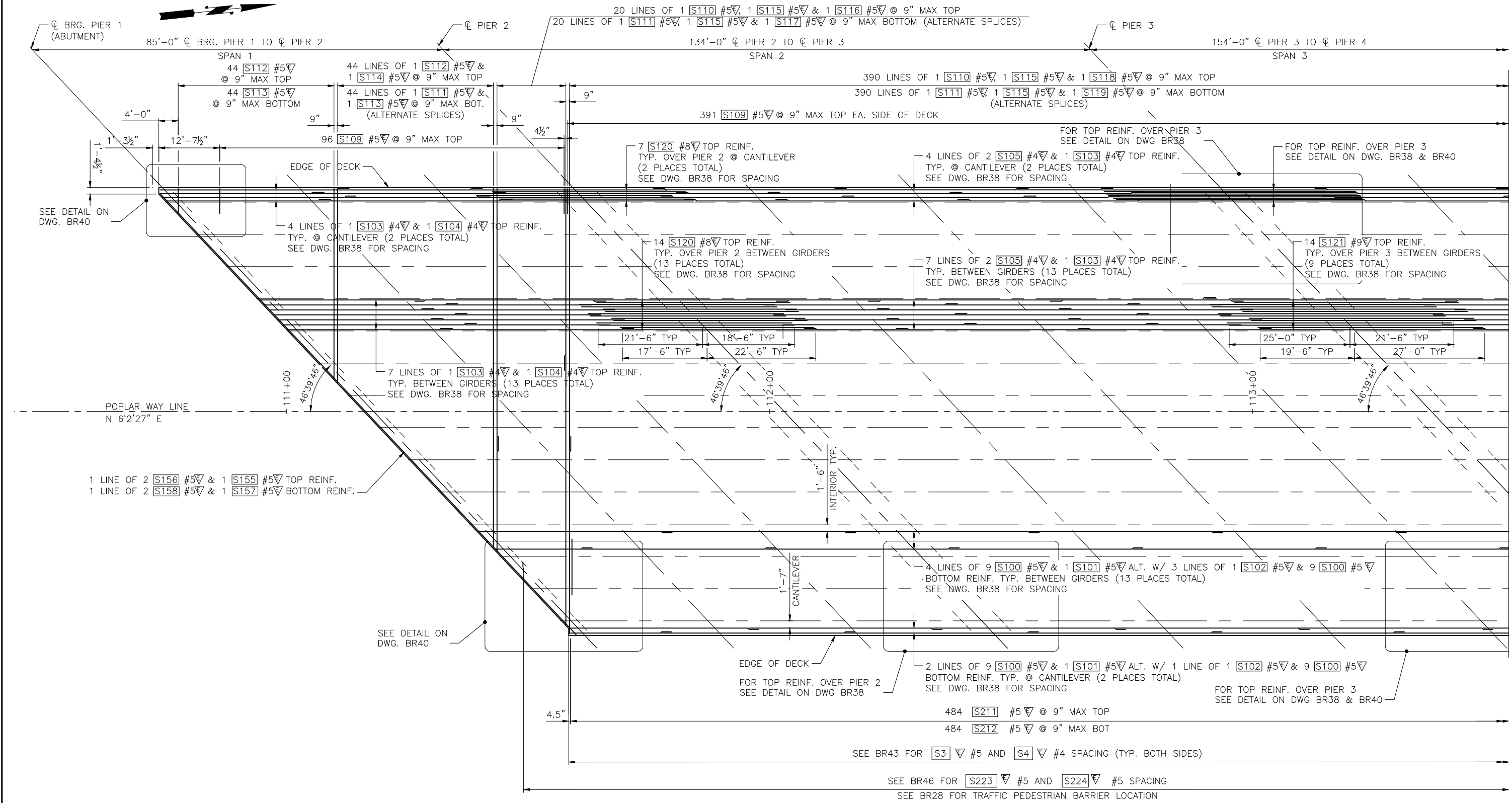
Drawn By	ADH	Date	2/15/24
Designed By	SM		
Checked By	EGH		
Approved By			

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
INTERMEDIATE DIAPHRAGM DETAILS

Drawing No.	BR35
Sheet No.	
of Total	

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

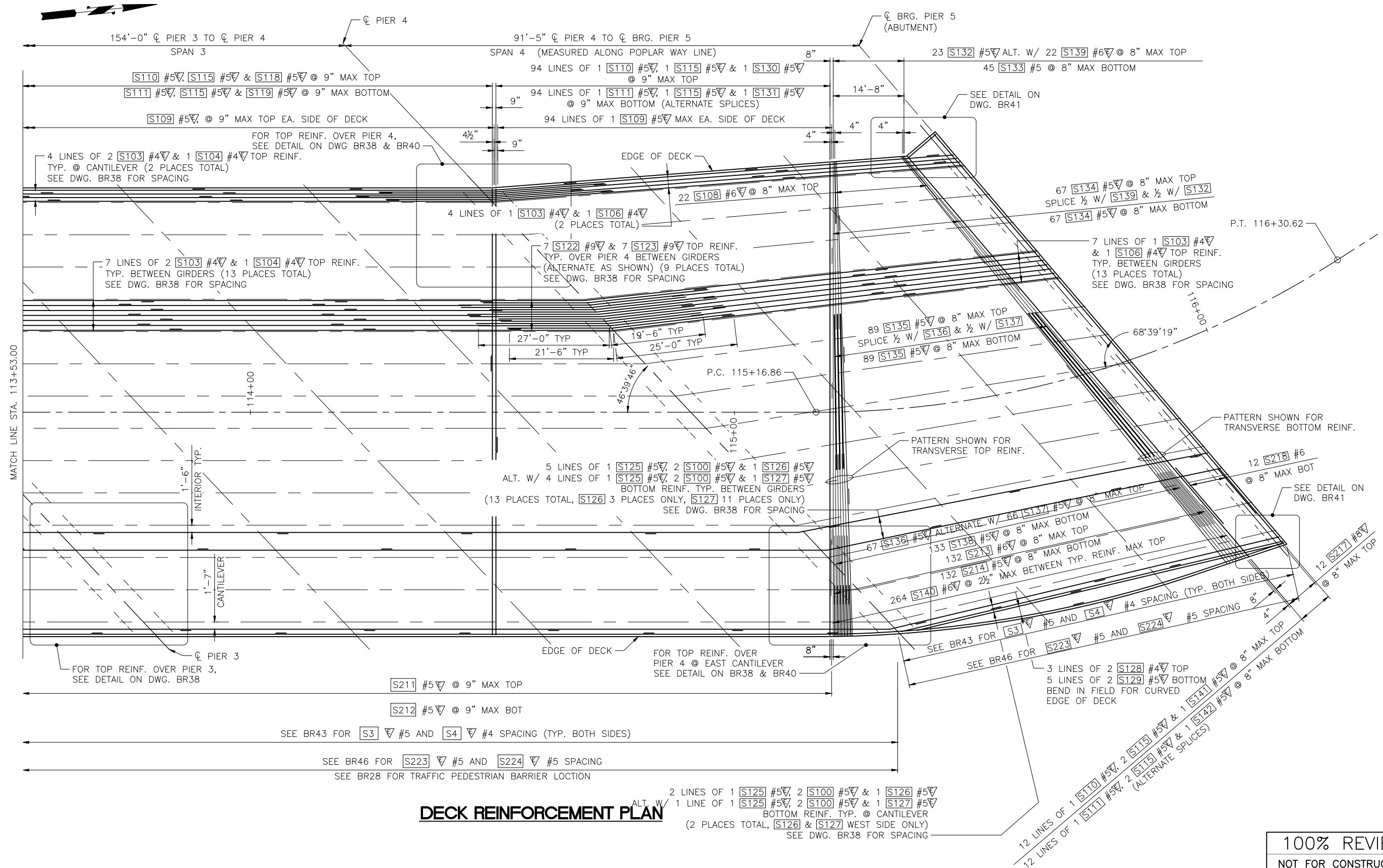


DECK REINFORCING PLAN

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HNTB HNTB Corporation 777 108th Avenue NE Suite 1000 Bellevue, WA 98004 (425) 455-3555		PERTEET 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 800.615.9900		LYNNWOOD WASHINGTON		BRENNEN STATE OF WASHINGTON PROFESSIONAL ENGINEER 25847		Drawn By: ADH Designed By: SM Checked By: EBB Approved By: _____ Date: 2/15/24 SCALE: Horiz N/A, Vert N/A Project Number: 20100156		CITY OF LYNNWOOD POPLAR WAY EXTENSION BRIDGE DECK REINFORCING PLAN 1 OF 2		Drawing No. BR36 Sheet No. _____ of Total _____	
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Feb 15, 2024 - 1:53pm adharper J:\80024\CADD\DS001\Drawings\STRUC\20100156_BR36.dwg Layout Name: Deck Reinforcing Plan 1



DECK REINFORCEMENT PLAN

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File: 26-204-101.dwg
User: hntb
Date: 2/15/24
Project: 20100156
Drawing: BR37
Title: DECK REINFORCING PLAN 2 OF 2

No.	Date	Revision	By	Appr.

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Designed By	SM		
Checked By	EBB		
Approved By			

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DECK REINFORCING PLAN 2 OF 2

Drawing No.	BR37
Sheet No.	
of Total	

C:\S\3120 ~ PROJ. NO. 142797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

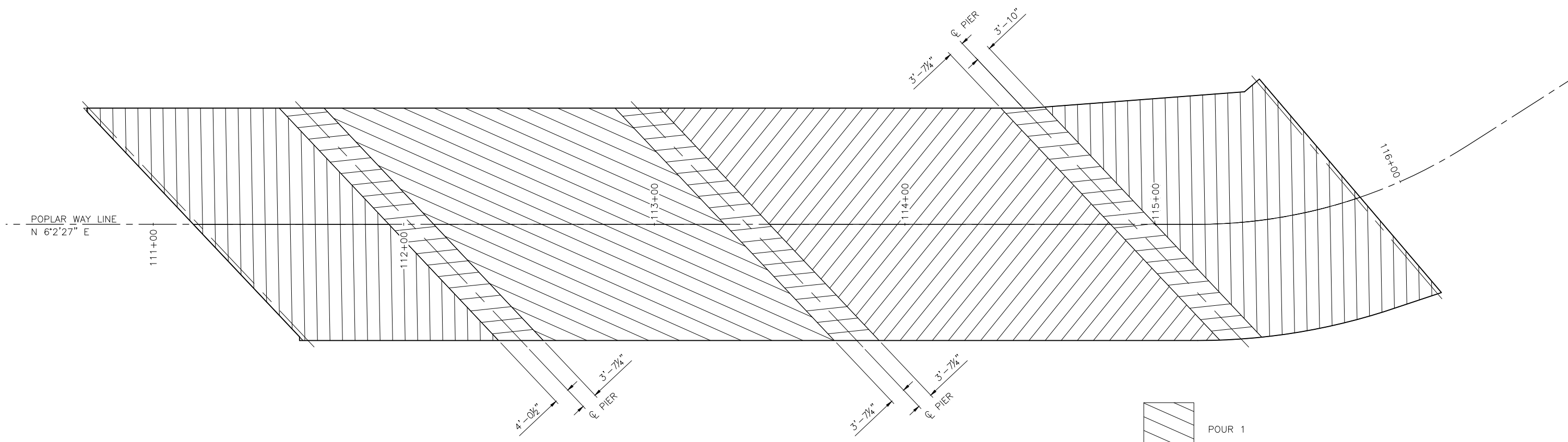
1. ROTATE END HOOKS OF TRANSVERSE REINFORCEMENT TO PROVIDE REQUIRED CLEAR COVER.
2. SPACING OF LONGITUDINAL REINFORCEMENT SHOWN FOR SPANS 1-3. SIMILAR FOR SPAN 4.
3. GIRDER STIRRUPS SHALL BE FIELD BENT OVER TOP LAYER OF LONGITUDINAL REINFORCEMENT.



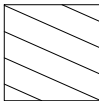
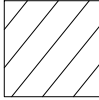
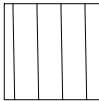
NOT FOR CONSTRUCTION

Drawing No.
BR38

Sheet No. _____
_____ of Total _____



DECK PLACEMENT SEQUENCE

-  POUR 1
-  POUR 2
-  POUR 3
-  POUR 4

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Feb 15, 2024 - 11:19am adharper \\saw09\des16024\CADD\SDS01\Drawings\STRUCT\02100156_BR39.dwg Layout Name: Deck Placemnt Sequence

No.	Date	Revision	By	Appr.

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Drawn By	Date
ADH	2/15/24
Designed By	
EBB	2/15/24
Checked By	
TZ	2/15/24
Approved By	

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

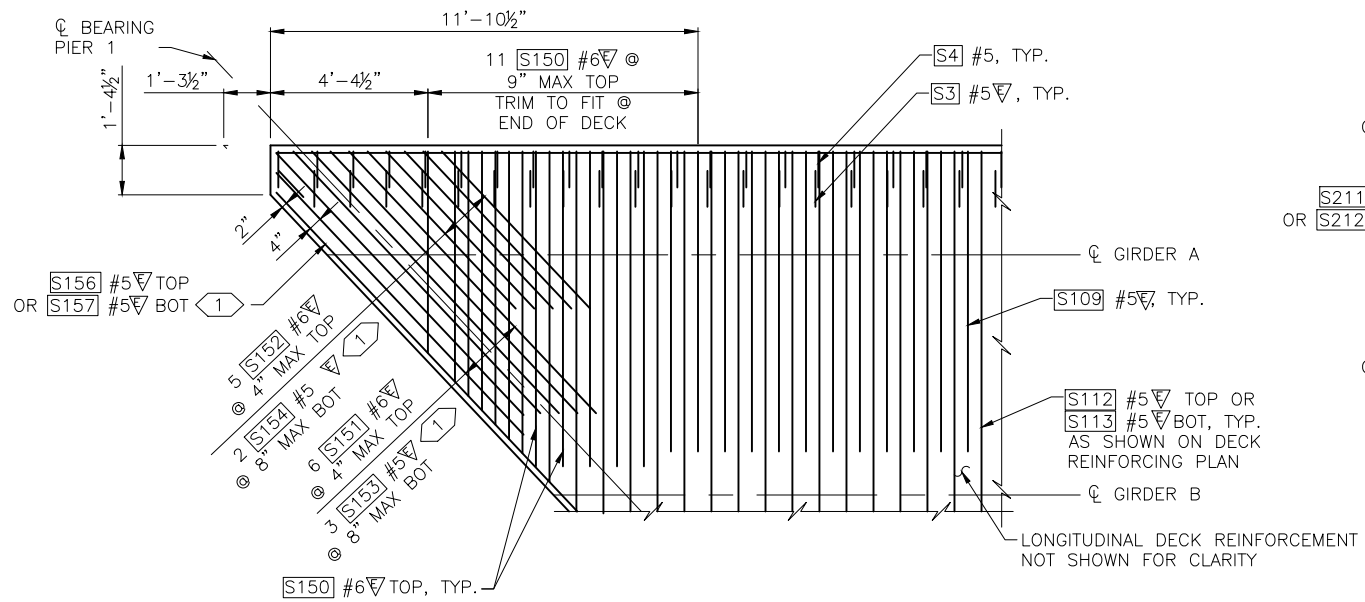
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DECK PLACEMENT SEQUENCE

Drawing No.
BR39

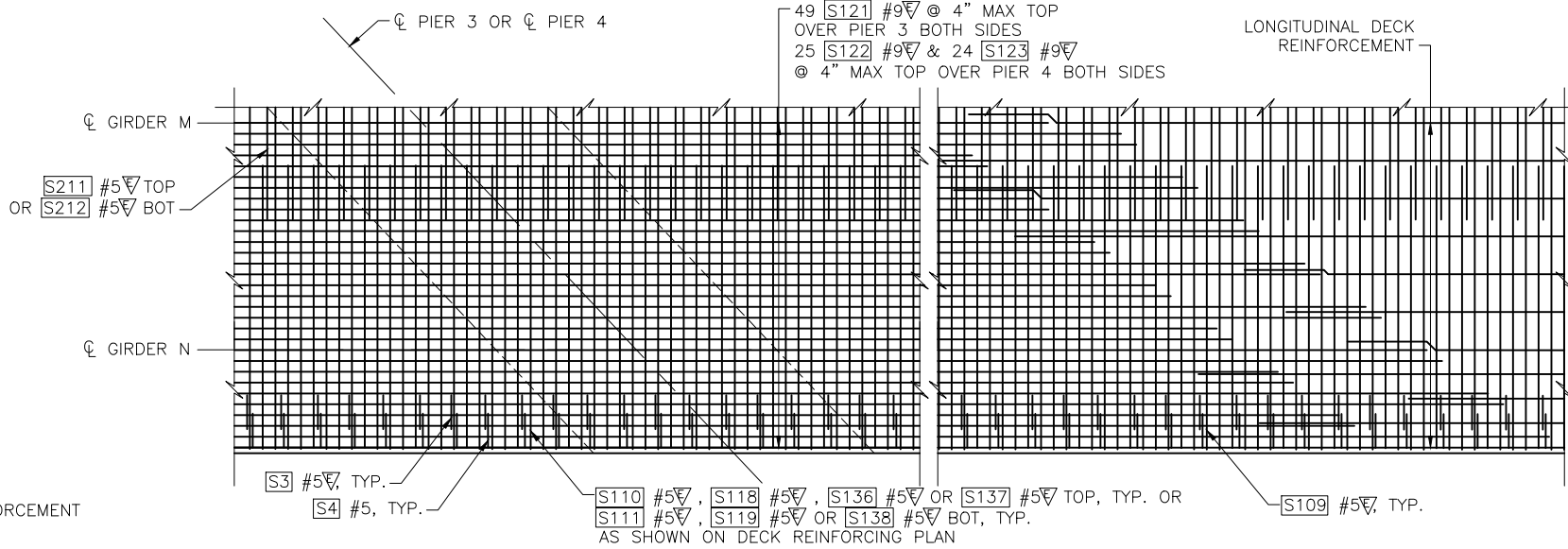
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C:\S\3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

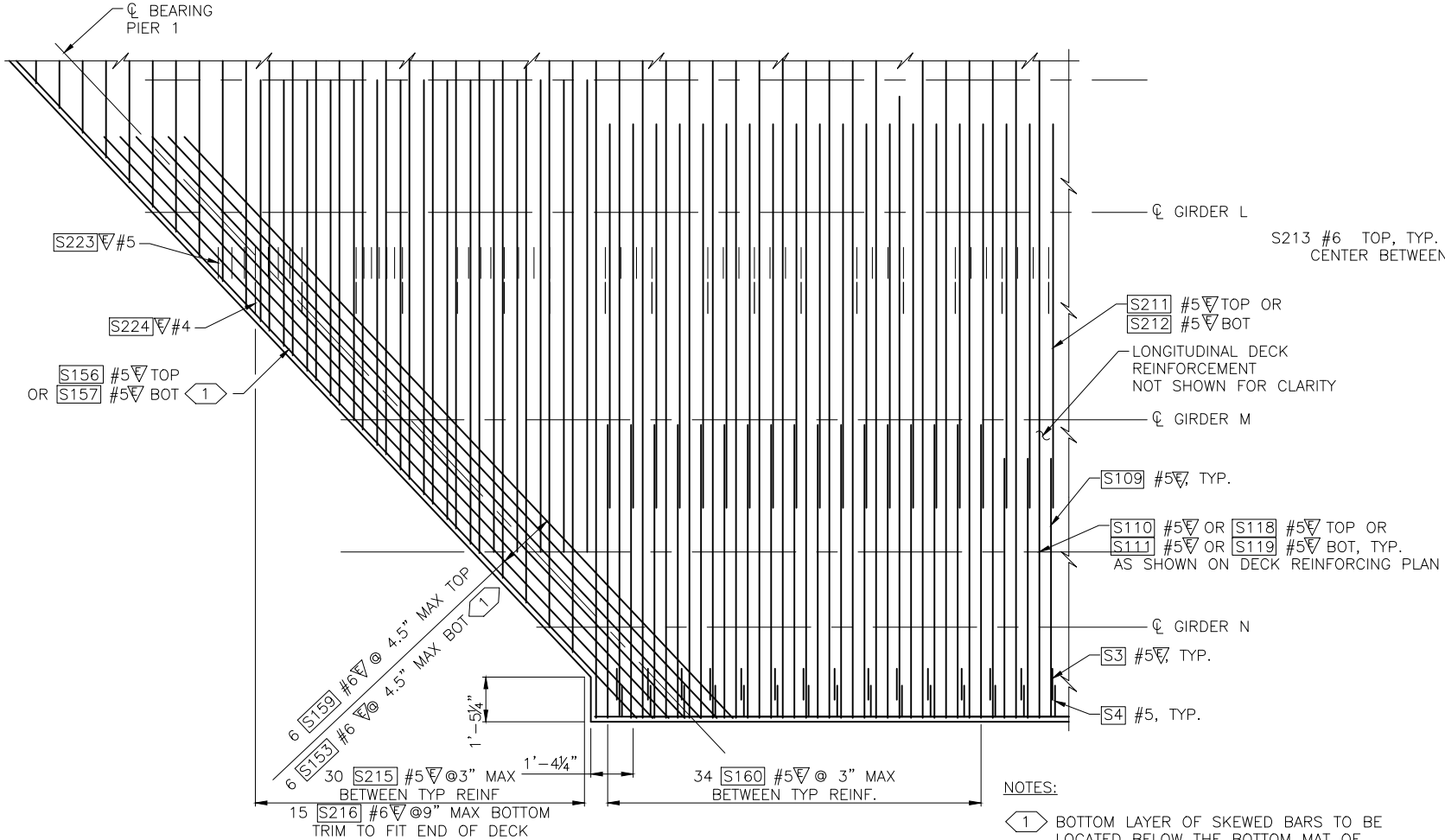


SOUTHWEST CORNER



DECK AT PIERS 3 AND 4 EAST SIDE

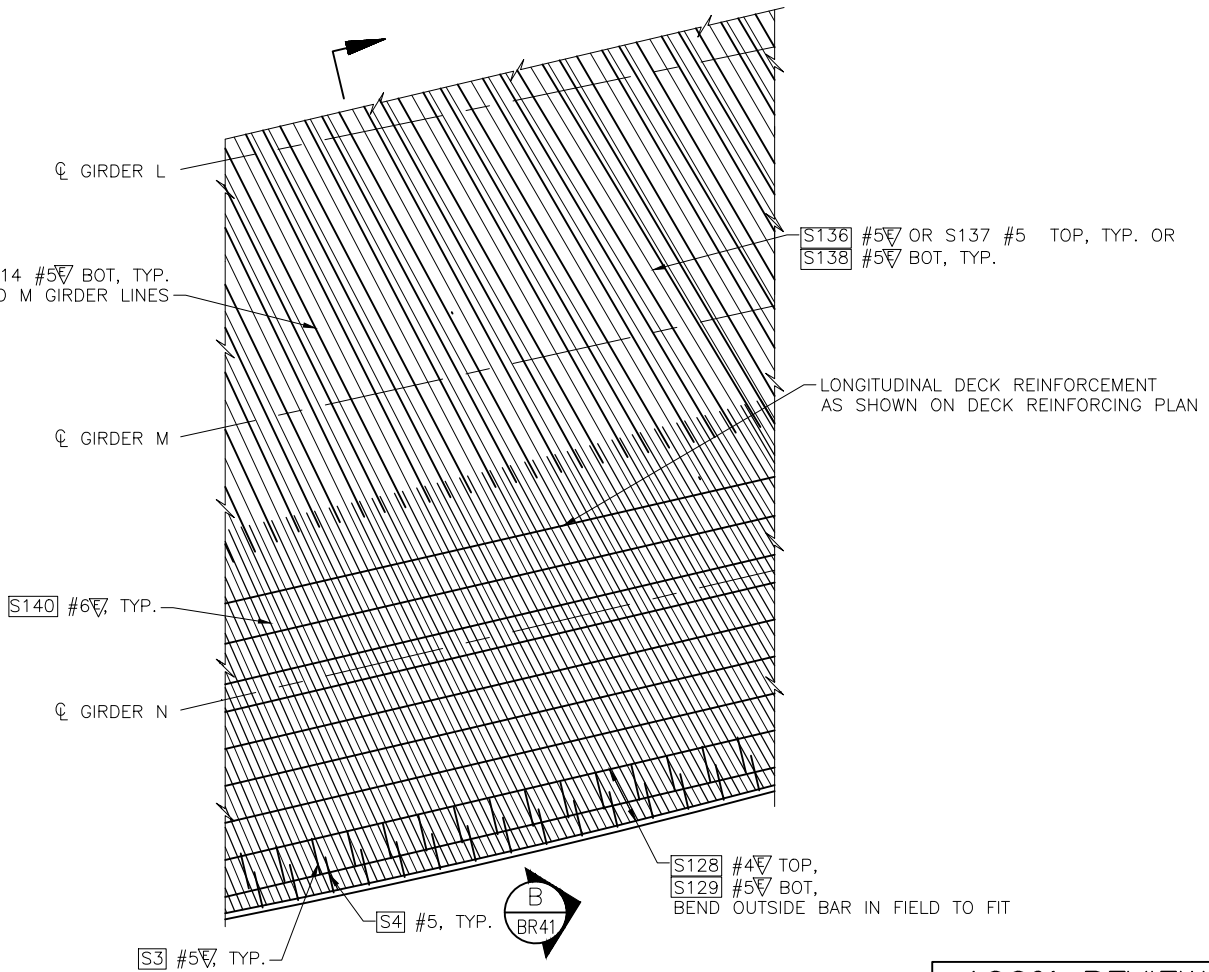
(PIER 3 SHOWN, PIER 4 WEST GEOMETRY SIM.)



SOUTHEAST CORNER

NOTES:

1 BOTTOM LAYER OF SKEWED BARS TO BE LOCATED BELOW THE BOTTOM MAT OF LONGITUDINAL AND TRANSVERSE BARS.



SPAN 4 EAST SIDE CANTILEVER

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Feb 26, 2024 - 10:20am adharper l:\seaw001\0150024\CADD\DS001\Drawings\STRUC\20100156_BR40.dwg LayoutName: Sub Corner Plans - Details 1

No.	Date	Revision	By	Appr.

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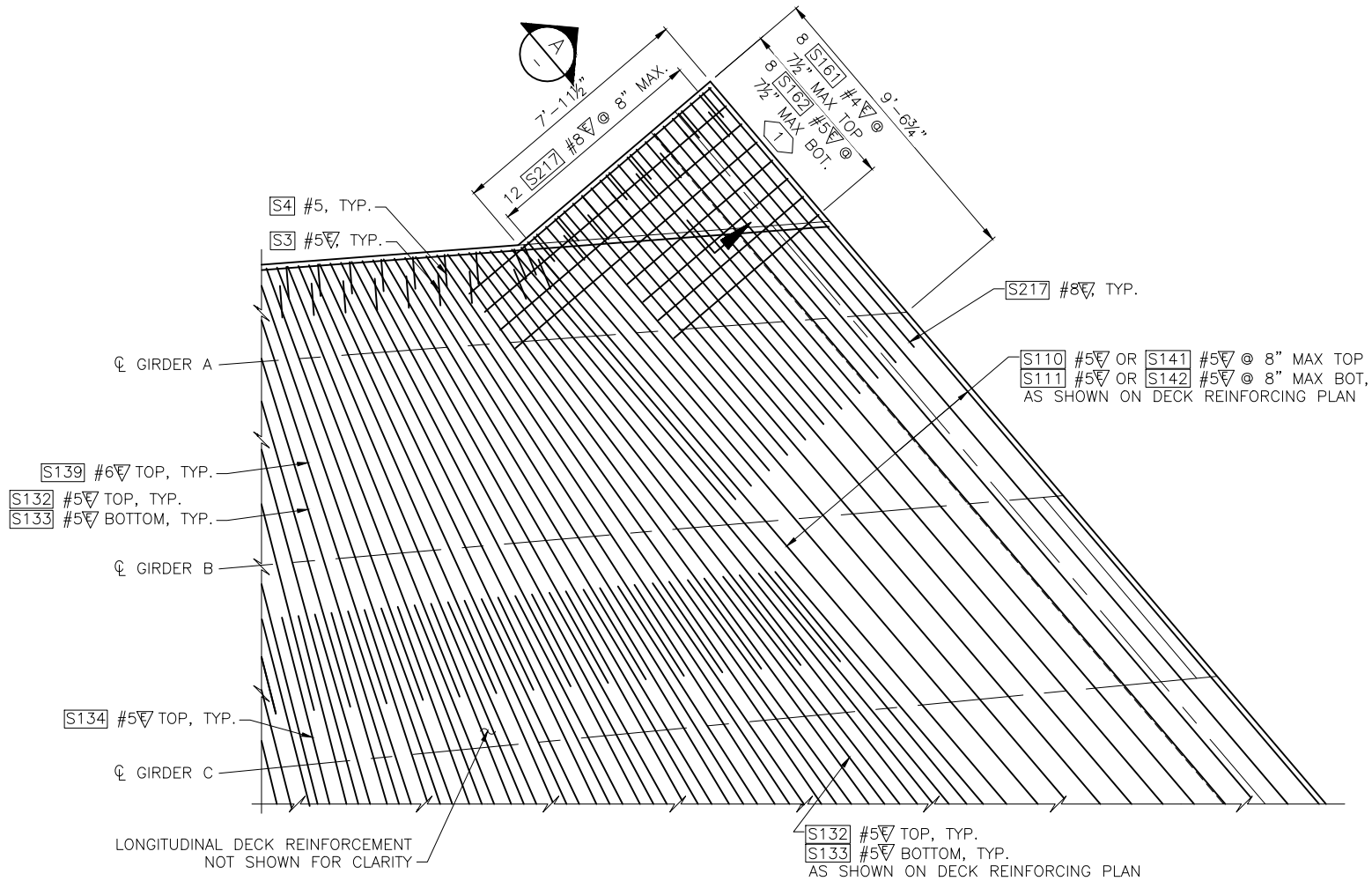
Drawn By ADH
Designed By SM
Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

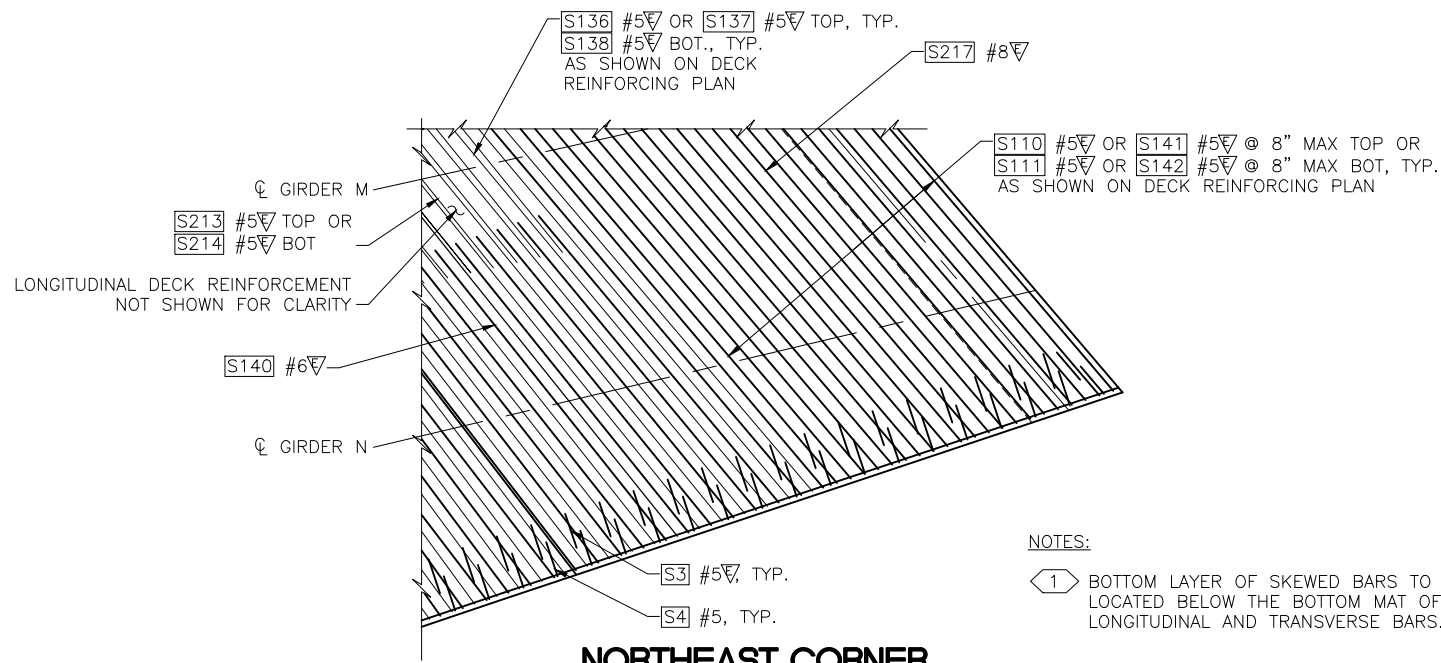
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DECK REINFORCEMENT DETAILS 1 OF 2

Drawing No. BR40
Sheet No.
of Total

C/S 3120 ~ PROJ. NO. T4297 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



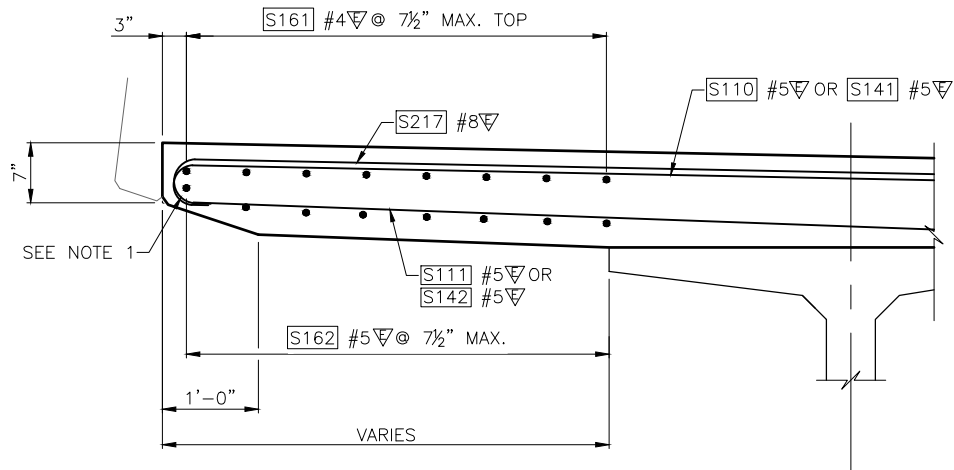
NORTHWEST CORNER



NORTHEAST CORNER

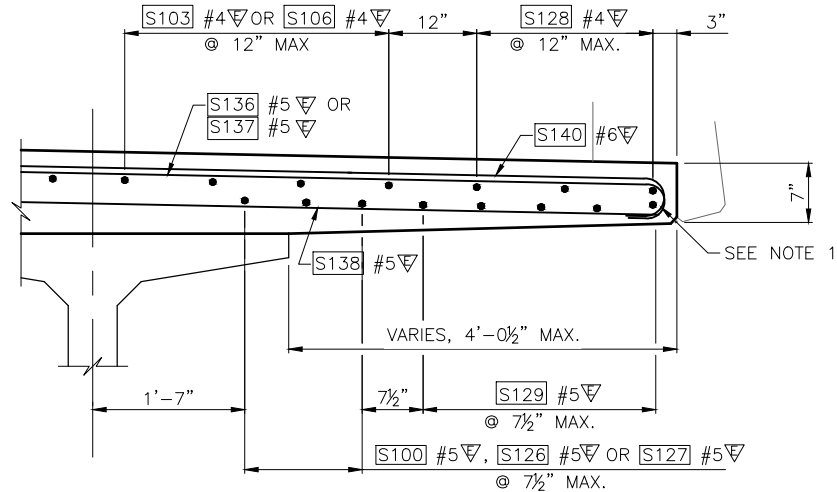
NOTES:

- 1 BOTTOM LAYER OF SKEWED BARS TO BE LOCATED BELOW THE BOTTOM MAT OF LONGITUDINAL AND TRANSVERSE BARS.



SECTION A

NOTE 1. ROTATE END HOOKS OF TRANSVERSE REINFORCEMENT TO PROVIDE REQUIRED CLEAR COVER.



SECTION B

BR40

100% REVIEW
NOT FOR CONSTRUCTION

Feb 26, 2024 - 10:22am adharper l:\eaw001\0150024\CADD\Drawings\STPUL\0100150_BR41.dwg Layout Name: Sub Corner Plans - Details 2

No.	Date	Revision	By	Appr.

HNTB
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LYNNWOOD
WASHINGTON



Drawn By ADH
Designed By SM
Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DECK REINFORCEMENT DETAILS 2 OF 2

Drawing No. BR41
Sheet No. 2
of Total

C/S 3120 ~ PROJ. NO. 1A2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



EXTEND BRIDGE DECK REINFORCEMENT AND ABUTMENT
STEM WALL REINFORCEMENT INTO THE BLOCKOUT



MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL TO JOINT	OPENING "G" NORMAL TO JOINT		
		MIN.	MAX.		@40°F	@64°F	@80°F
D. S. BROWN	A2R-400 OR E2M-SEAL*	1 1/8"	5 1/8"	1 1/2"	2 1/2"	2"	1 3/4"
WATSON BOWMAN ACME	WABO STRIP SEAL SE-400	1 1/8"	5 1/8"	1 1/2"	2"	1 1/2"	1 1/4"
R.J. WATSON, INC.	R.J. STRIP SEAL 400	1 1/8"	5 1/8"	1 1/2"	2"	1 1/2"	1 1/4"
DYMAT CONSTRUCTION PRODUCTS, INC.	DYMA STRIP SEAL J200-C	1 1/8"	5 1/8"	1 1/2"	2"	1 1/2"	1 1/4"

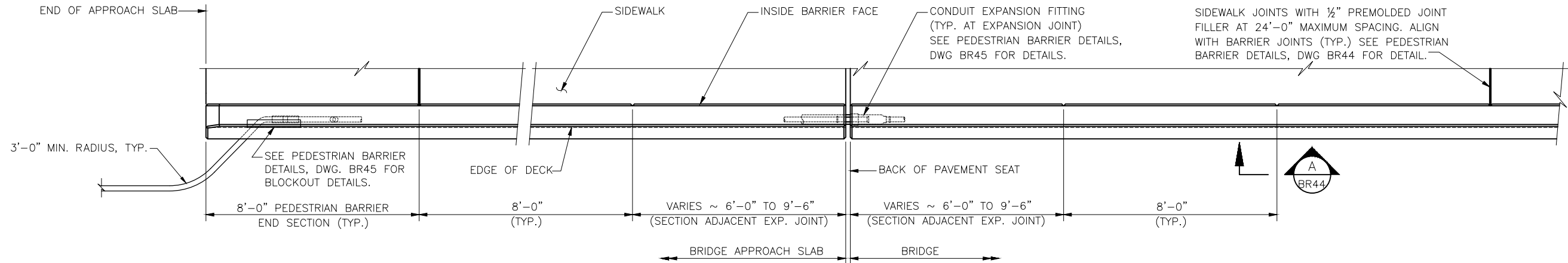
*USE E2M-SEAL WITH SSE2M SHAPE ONLY

MANUFACTURER	ITEM NAME	BRIDGE DECK			TRAFFIC BARRIERS					
		TYPE	S	T	TYPE	V	W	TYPE	X	Y
D. S. BROWN	DSB STRIP SEAL	SSCM2	1 1/4"	3 3/4"	SSA2	1 1/4"	2"	SSE2	1"	1 1/2"
WATSON BOWMAN ACME	WABO STRIP SEAL	R	2 3/4"	3 1/4"	A	1 1/4"	2"	E	1 1/2"	1 1/2"
R.J. WATSON, INC.	RJ STRIP SEAL	RJM	2 3/4"	3 1/4"	RJA	1 1/4"	2"	RJE	1 1/4"	1 1/2"
DIAMAT CONSTRUCTION PRODUCTS, INC.	DIAMAT STRIP SEAL	C	2 1/2"	3"	A	1 3/8"	2"	E	1 1/2"	1 3/8"

• ALTERNATELY, TRIM VERTICAL LEG OF SSCM2 SHAPE FOR USE IN TRAFFIC BARRIER

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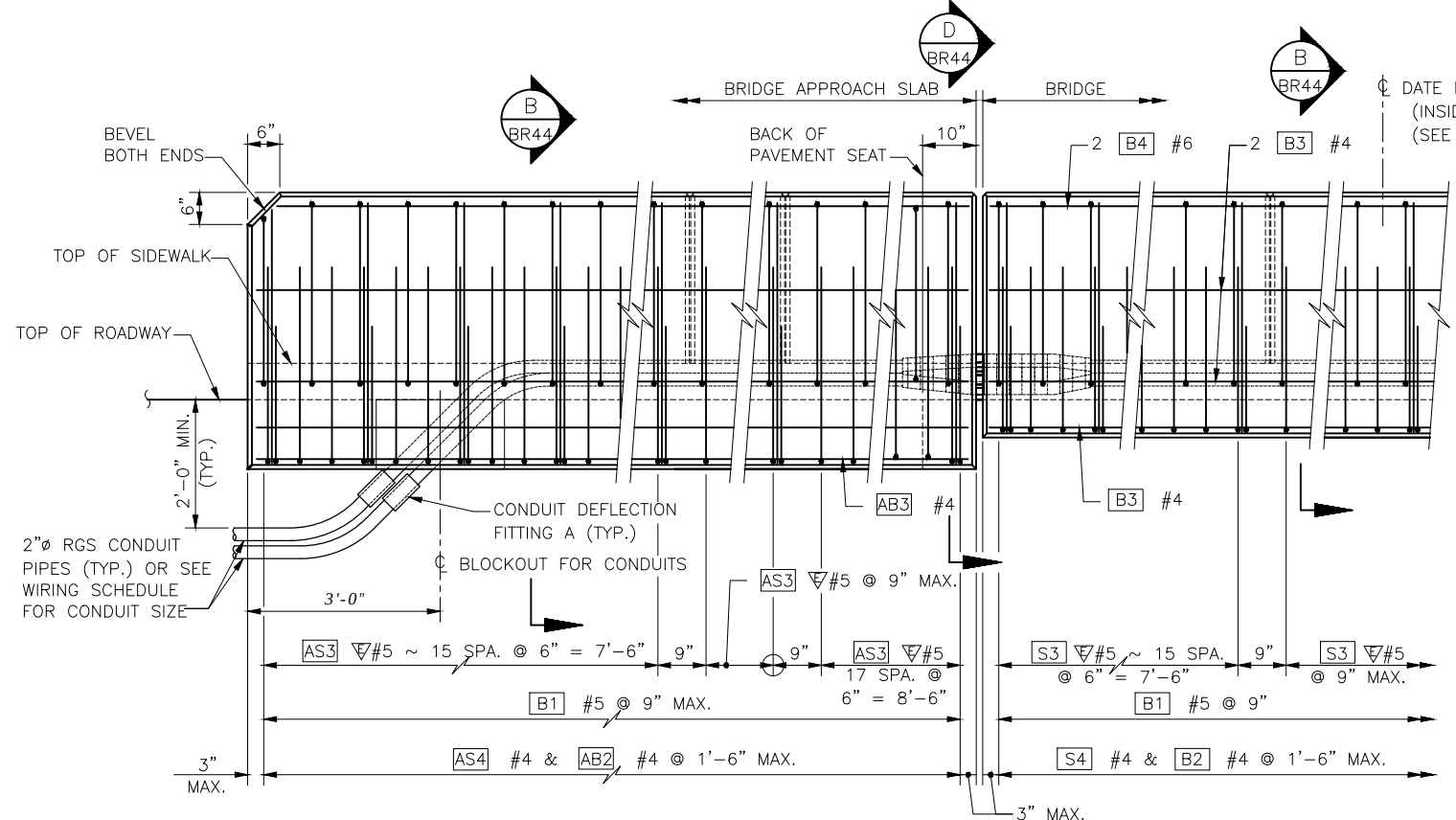
					 HNTB Corporation 777 108th Avenue NE Suite 1000 Bellevue, WA 98004 (425) 455-3555		 PERTEET 2707 COLBY AVENUE, SUITE 900 EVERETT, WA 98201 425.252.7700 800.615.9900		 LYNNWOOD WASHINGTON				<table><tr><td>Drawn By</td><td>ADH</td><td>Date</td><td>2/15/24</td></tr><tr><td>Designed By</td><td>ER</td><td>2/15/24</td><td></td></tr><tr><td>Checked By</td><td>TZ</td><td>2/15/24</td><td></td></tr><tr><td>Approved By</td><td></td><td></td><td></td></tr></table>		Drawn By	ADH	Date	2/15/24	Designed By	ER	2/15/24		Checked By	TZ	2/15/24		Approved By				<table><tr><td>SCALE</td><td></td></tr><tr><td>Horiz</td><td>N/A</td></tr><tr><td>Vert</td><td>N/A</td></tr><tr><td>Project Number</td><td>20100156</td></tr></table>		SCALE		Horiz	N/A	Vert	N/A	Project Number	20100156	<table><tr><td colspan="2">CITY OF LYNNWOOD</td></tr><tr><td colspan="2">POPLAR WAY EXTENSION BRIDGE</td></tr><tr><td colspan="2">EXPANSION JOINT DETAILS</td></tr></table>		CITY OF LYNNWOOD		POPLAR WAY EXTENSION BRIDGE		EXPANSION JOINT DETAILS		<table><tr><td>Drawing No.</td><td>BR42</td></tr><tr><td>Sheet No.</td><td></td></tr><tr><td colspan="2">of Total</td></tr></table>		Drawing No.	BR42	Sheet No.		of Total	
Drawn By	ADH	Date	2/15/24																																																					
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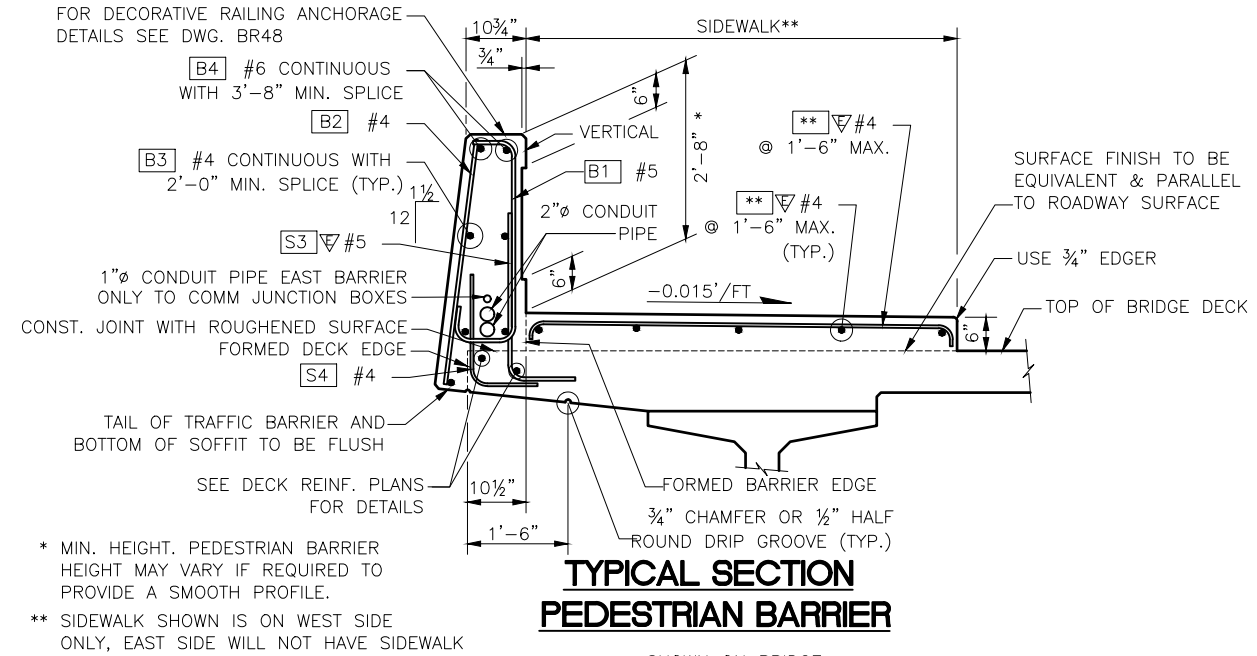
NOTE:
TERMINATE EACH CONDUIT PIPE AT SEPARATE
JUNCTION BOXES OFF END OF BRIDGE AS SHOWN ON LAYOUT.

**PLAN
PEDESTRIAN BARRIER**

BARRIER CONTINUOUS BETWEEN ROADWAY EXPANSION JOINTS.
SEE DRAWING WP8 FOR EXPANSION JOINT LOCATIONS ALONG WALL 17.
CONSTRUCTION JOINTS WITH SHEAR KEYS ARE PERMISSIBLE AT DUMMY JOINT LOCATIONS.
FORM JOINTS BETWEEN DUMMY JOINTS SHALL NOT BE PERMITTED.



**OUTSIDE ELEVATION
END OF PEDESTRIAN BARRIER**
SHOWN WITH APPROACH SLAB



* MIN. HEIGHT. PEDESTRIAN BARRIER
HEIGHT MAY VARY IF REQUIRED TO
PROVIDE A SMOOTH PROFILE.
** SIDEWALK SHOWN IS ON WEST SIDE
ONLY, EAST SIDE WILL NOT HAVE SIDEWALK

**TYPICAL SECTION
PEDESTRIAN BARRIER**

SHOWN ON BRIDGE
SHOWN FOR WEST SIDE,
EAST SIDE SIM.

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Feb 15, 2024 - 11:19am adhanper l:\aaw09\lsh\6024\CADD\DDIS\TRUC\00100156 BR43.dwg Layout Name: Pedestrian Barrier Details 1

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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PEDESTRIAN BARRIER DETAILS 1 OF 3

Drawing No.
BR43
Sheet No.
of Total

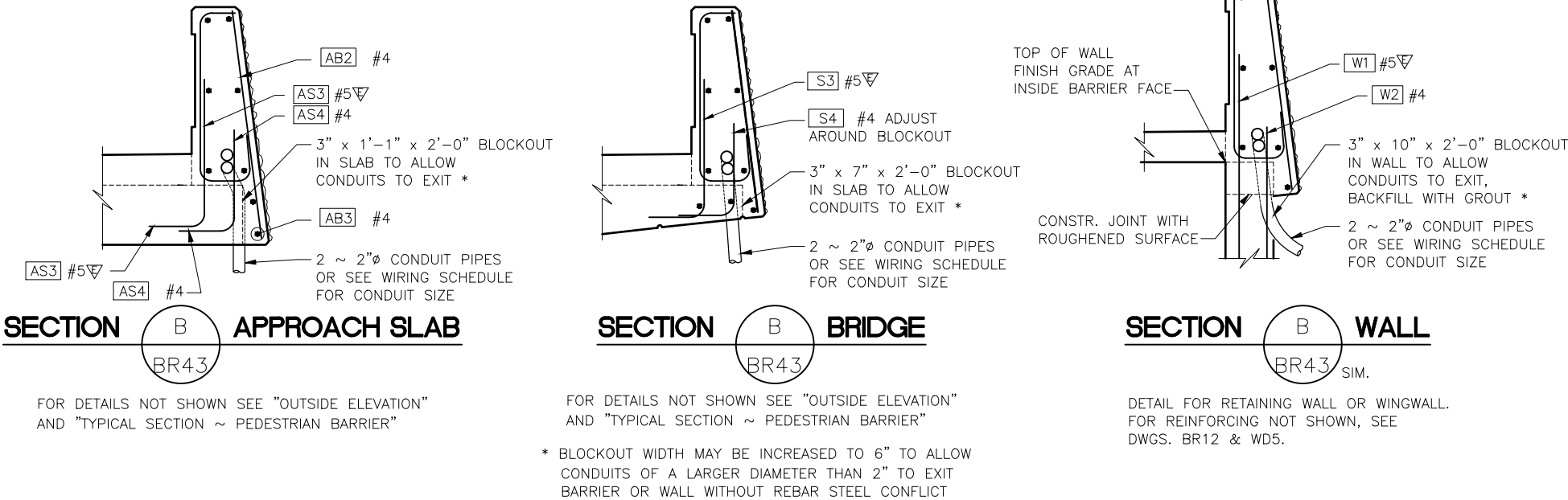
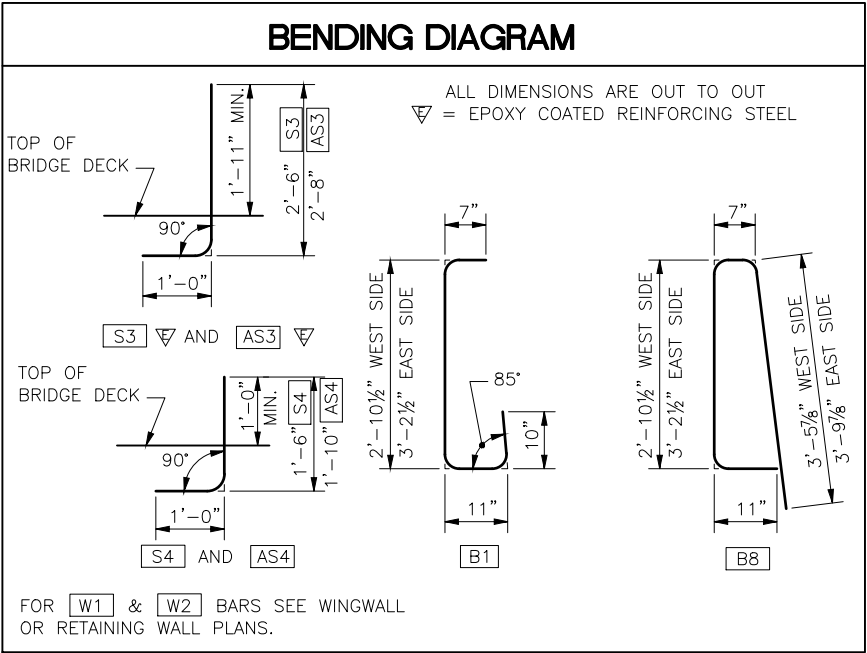
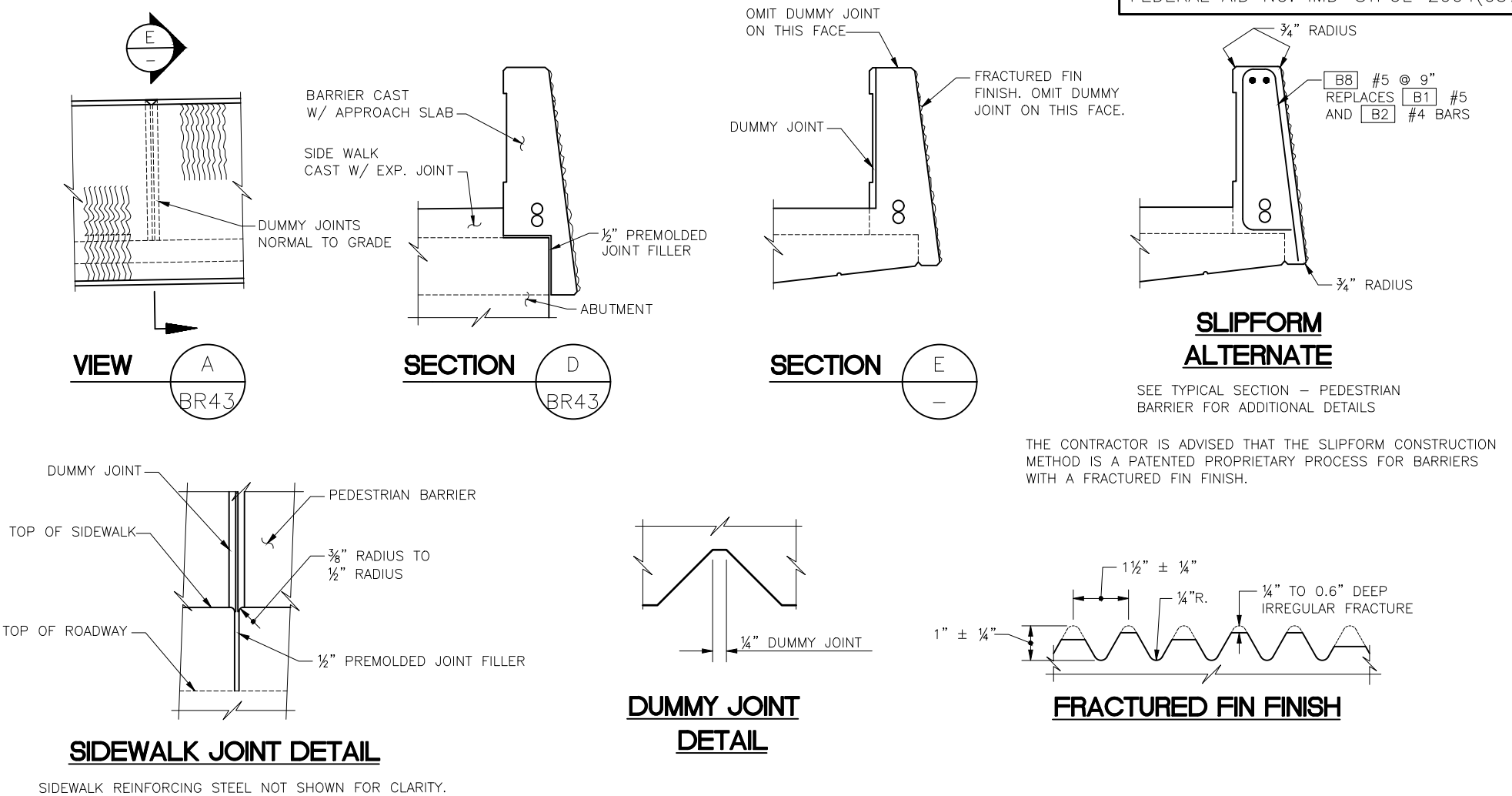
C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

BRIDGE JUNCTION BOX SCHEDULE					
STATION	OFFSET	PURPOSE	STATION	OFFSET	PURPOSE
110+89.5	45.5' LT	COMM	111+16.2	45.5' RT	WSDOT
111+45.5	45.5' LT	LT	111+45.1	45.5' RT	LT
111+47.5	45.5' LT	COMM	111+47.1	45.5' RT	COMM
111+81.5	45.5' LT	LT	111+80.9	45.5' RT	LT
111+83.5	45.5' LT	COMM	111+82.9	45.5' RT	COMM
112+41.0	45.5' LT	LT	112+42.0	45.5' RT	WSDOT
112+43.0	45.5' LT	COMM	112+59.5	45.5' RT	LT
112+95.5	45.5' LT	LT	112+61.5	45.5' RT	COMM
112+97.5	45.5' LT	COMM	112+95.5	45.5' RT	LT
113+31.5	45.5' LT	LT	112+97.5	45.5' RT	COMM
113+33.5	45.5' LT	COMM	113+31.5	45.5' RT	LT
113+81.0	45.5' LT	WSDOT	113+33.5	45.5' RT	COMM
113+91.0	45.5' LT	LT	113+72.0	45.5' RT	WSDOT
113+93.0	45.5' LT	COMM	113+91.0	45.5' RT	LT
114+45.0	45.5' LT	LT	113+93.0	45.5' RT	COMM
114+47.0	45.5' LT	COMM	114+45.0	45.5' RT	LT
114+80.5	47.7' LT	LT	114+47.0	45.5' RT	COMM
114+82.5	47.8' LT	COMM	114+80.0	45.5' RT	LT
115+83.9	89.4' LT	LT	114+82.0	45.5' RT	COMM
115+85.9	91.1' LT	COMM	115+34.6	45.5' RT	LT
			115+36.6	45.5' RT	COMM
			115+78.2	45.5' LT	LT
			115+80.2	45.5' LT	COMM
			116+16.3	50.3' RT	TS
			116+22.6	50.2' RT	LT
			116+24.6	50.7' RT	COMM

COMM= CITY ITS
WSDOT= WSDOT ITS
LT= CITY ILLUMINATION
TS= CITY TRAFFIC SIGNAL

JUNCTION BOX LOCATIONS SHOWN ARE APPROXIMATE. CENTER JUNCTION BOX INSTALLATION BETWEEN BARRIER DUMMY JOINTS.

INSTALL ALL CONDUIT RUNS TO DRAIN TO A BRIDGE END OR PROVIDE DRAIN AT ALL LOW POINTS IN CONDUIT RUN ON BRIDGE.



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Feb 21, 2024 - 2:45pm adharper: Useaw001.dbs602024\CADD\DS001\Drawings\STRUC\20100156_BR44.dwg Layout Name: Pedestrian Barrier Details 2

No.	Date	Revision	By	Appr.

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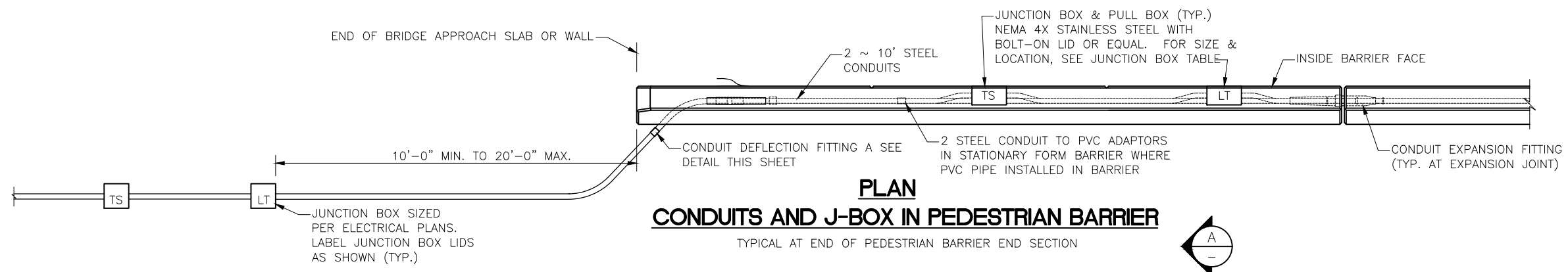
Drawn By: ADH
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Checked By: TZ
Approved By: _____
Date: 2/15/24
2/15/24
2/15/24

SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PEDESTRIAN BARRIER DETAILS 2 OF 3

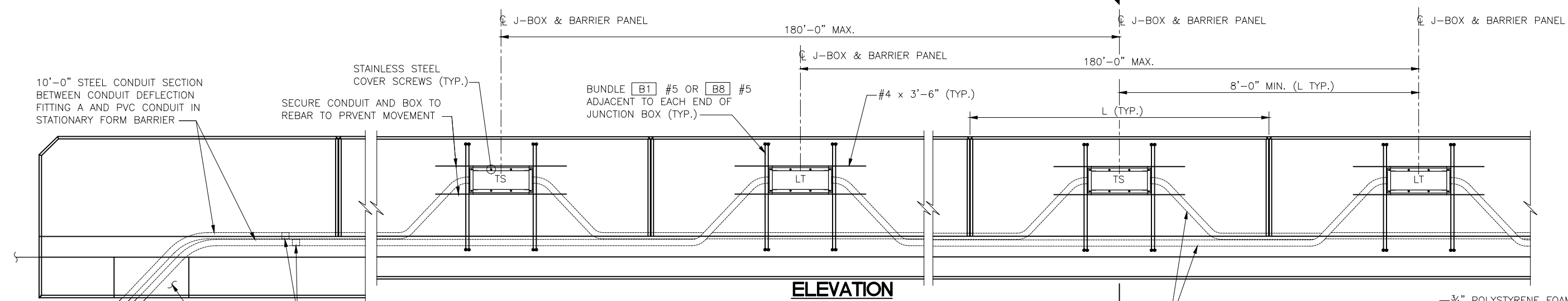
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Sheet No. _____
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C/S 3120 ~ PROJ. NO. 142797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



PLAN
CONDUITS AND J-BOX IN PEDESTRIAN BARRIER

TYPICAL AT END OF PEDESTRIAN BARRIER END SECTION



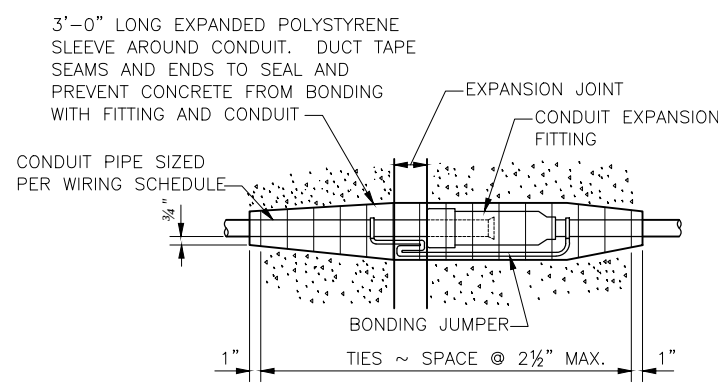
ELEVATION
CONDUITS AND J-BOX IN PEDESTRIAN BARRIER

LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION 9-29.2(4) AND SPECIAL PROVISIONS. ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP

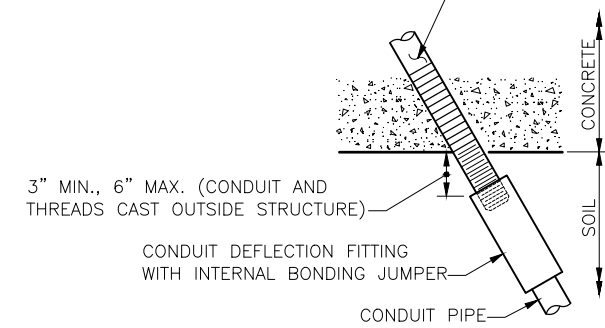
1/2" PREMOLDED JOINT FILLER
SEE STANDARD PLANS

WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL. THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP



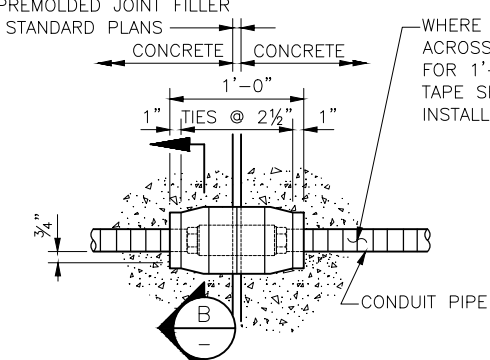
CONDUIT EXPANSION FITTING

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 2") AT BRIDGE EXPANSION JOINTS



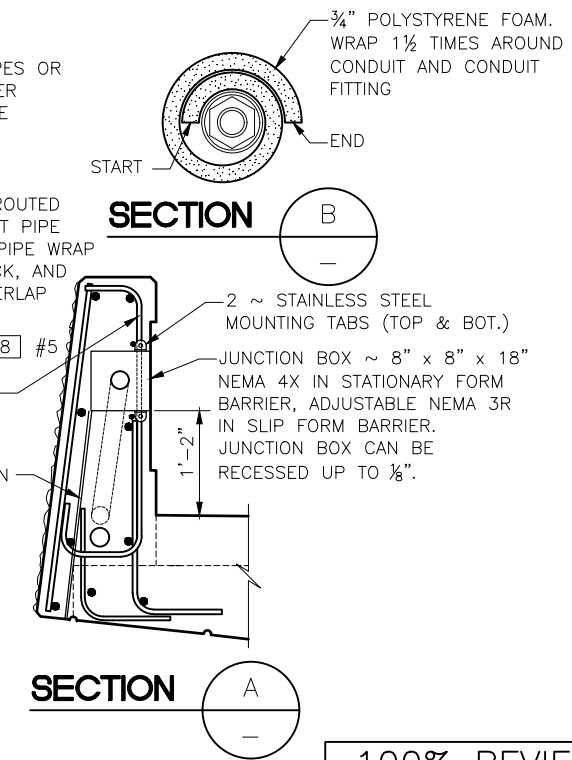
CONDUIT DEFLECTION FITTING A

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE



CONDUIT DEFLECTION FITTING B

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. CONDUIT PIPES PLACED THROUGH RETAINING WALL PEDESTRIAN BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE PEDESTRIAN BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.



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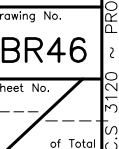
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2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PEDESTRIAN BARRIER DETAILS 3 OF 3

Drawing No. BR45
Sheet No. 3 of Total

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TZ	2/15/24	----
Approved By		Project Number
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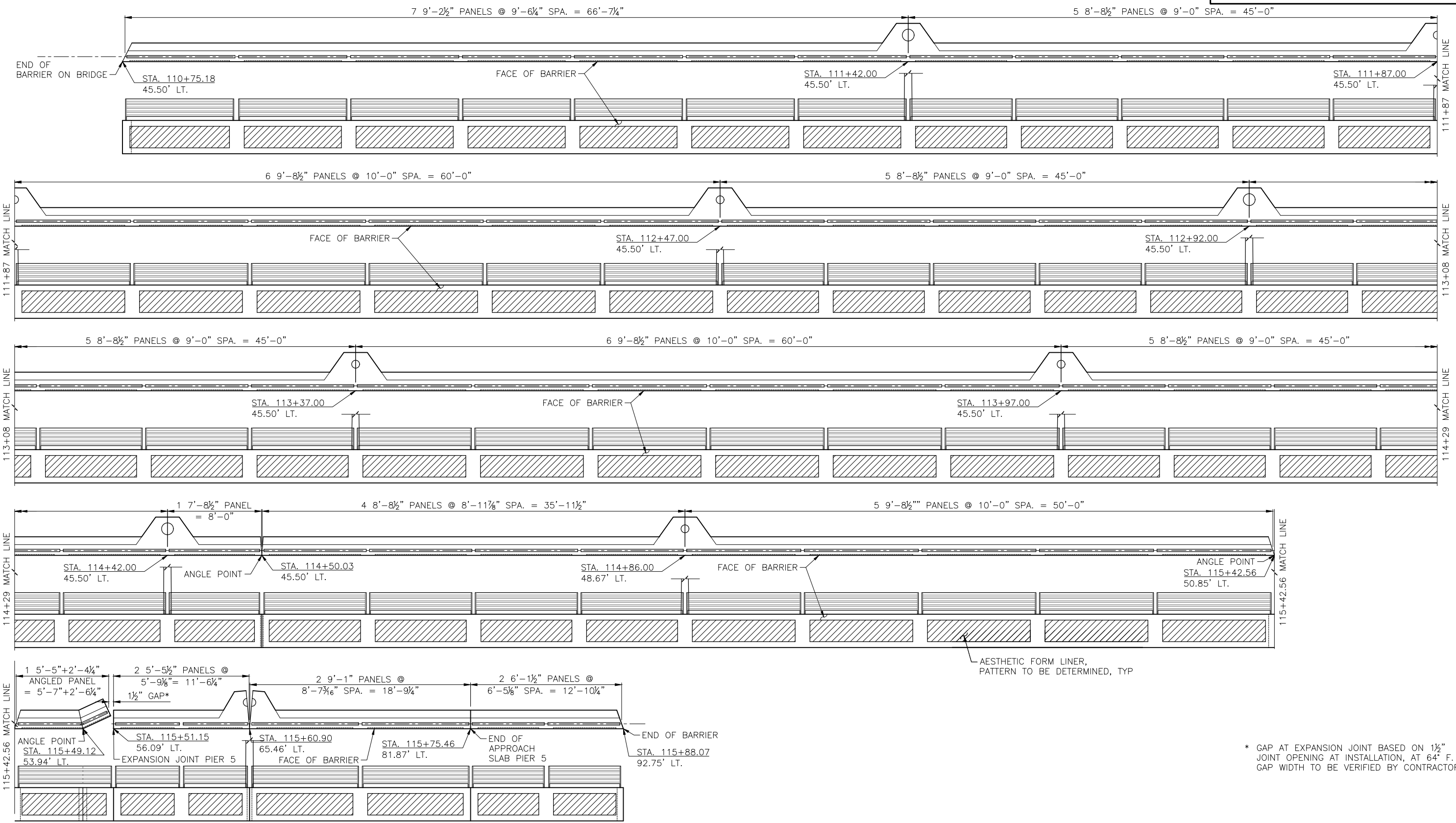
Project Number
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TRAFFIC PEDESTRIAN BARRIER
DETAILS 2 OF 2

Drawing No.
BR47

Sheet No.

of Total



WEST BARRIER AND RAIL ELEVATION

* GAP AT EXPANSION JOINT BASED ON $\frac{1}{2}"$ JOINT OPENING AT INSTALLATION, AT 64° F. GAP WIDTH TO BE VERIFIED BY CONTRACTOR.

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Approved By: _____
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Project Number: 20100156

SCALE
Horiz: N/A
Vert: N/A

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
RAILING LAYOUT 1 OF 2

Drawing No. **BR48**
Sheet No. _____
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C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



EAST BARRIER AND RAIL ELEVATION

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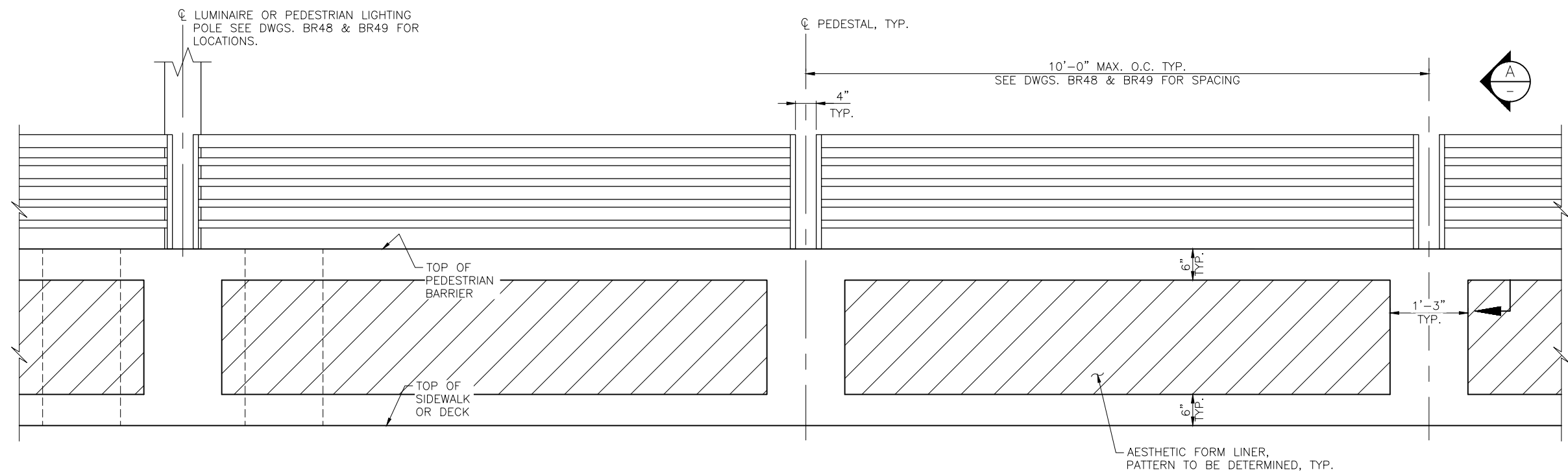


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<u>SM</u>	2/15/24
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SCALE	
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Project Number	20100156

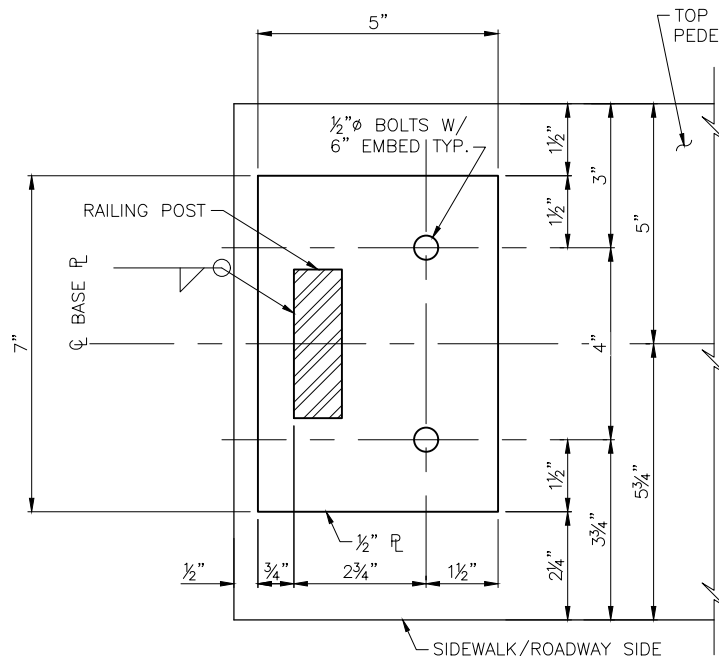
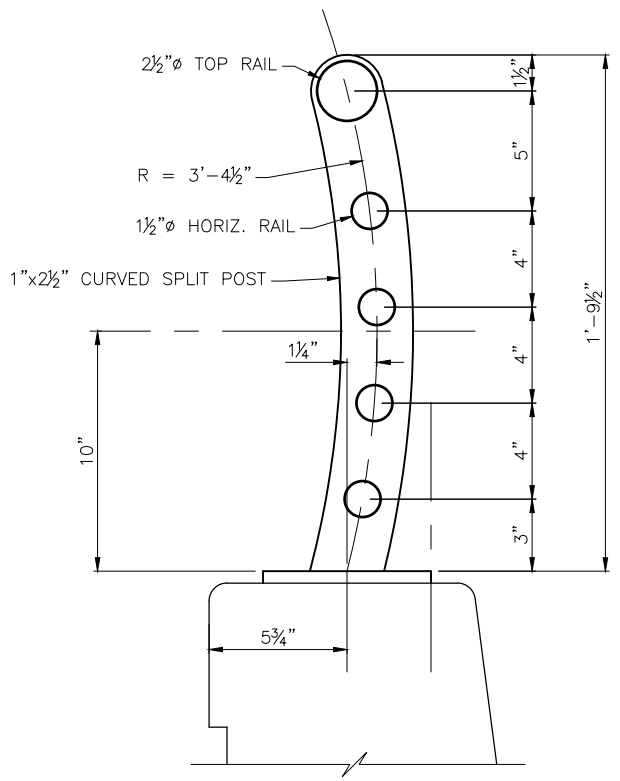
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
RAILING LAYOUT 2 OF 2

Drawing No. BR49	PRO 2 3120 C.S.
Sheet No. 	
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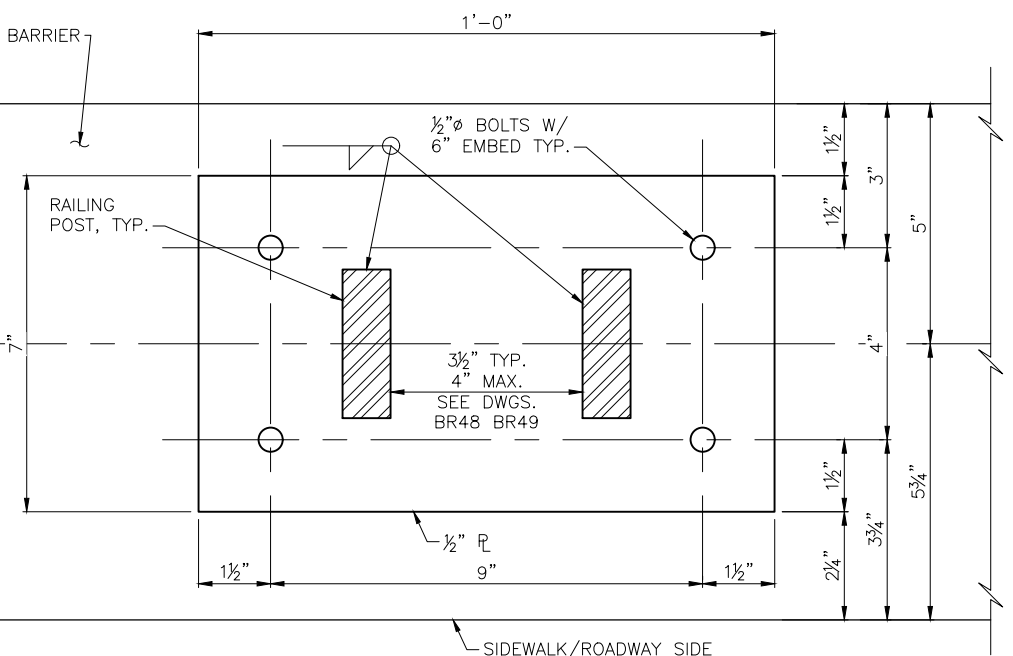


PEDESTRIAN RAILING TYPICAL ELEVATION

- NOTES:**
1. ALL HORIZONTAL RAILS SHALL BE PARALLEL TO GRADE. ALL POSTS SHALL BE VERTICAL.
 2. ALL RAILS SHALL BE SCHEDULE 40 TYPE 304 STAINLESS STEEL PIPE WITH MINIMUM YIELD STRENGTH OF $F_y=31.2$ ksi. SIZES SHOWN ARE NOMINAL PIPE SIZES.
 3. STRUCTURAL STEEL FOR POSTS SHALL CONFORM TO TYPE 304 STAINLESS STEEL WITH A MINIMUM YIELD STRENGTH OF 31.2ksi.
 4. STRUCTURAL STEEL FOR BASE PLATES SHALL CONFORM TO TYPE 316 STAINLESS STEEL WITH A MINIMUM YIELD STRENGTH OF 42 ksi.
 5. WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1.



END RAILING POST CONNECTION PLATE
USE AT ENDS OF RAILING AND EXPANSION JOINTS



TYPICAL RAILING POST CONNECTION PLATE

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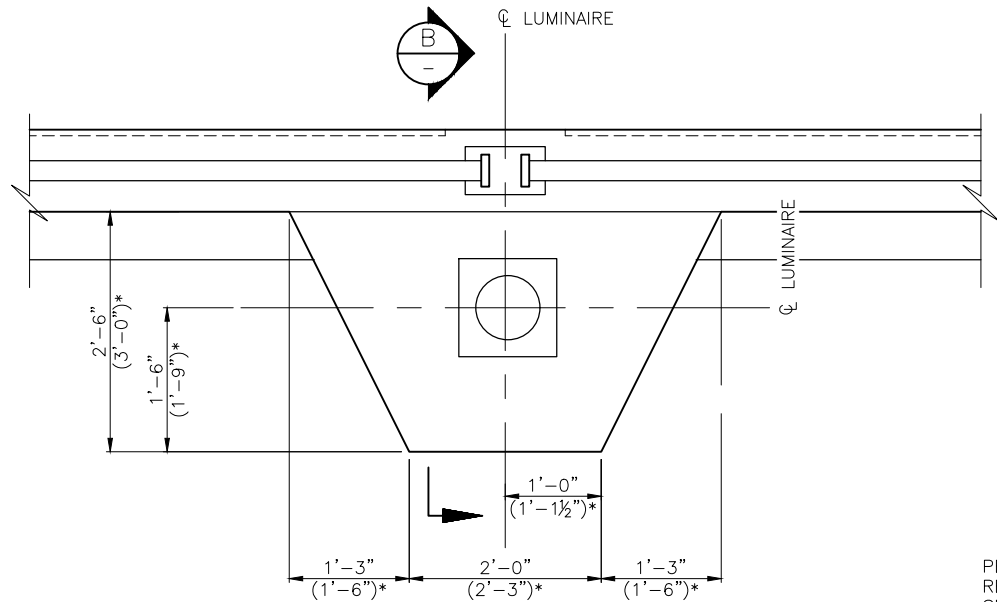
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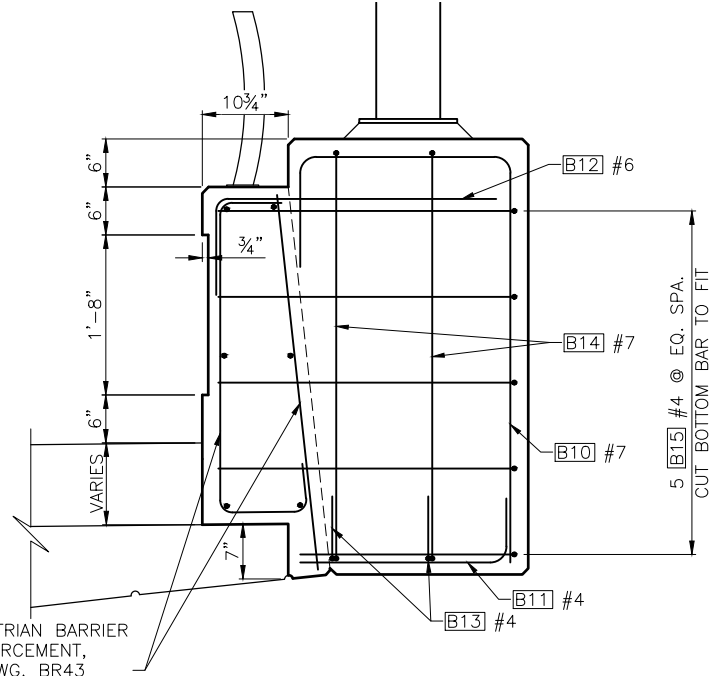
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
RAILING DETAILS 1 OF 3

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BR50
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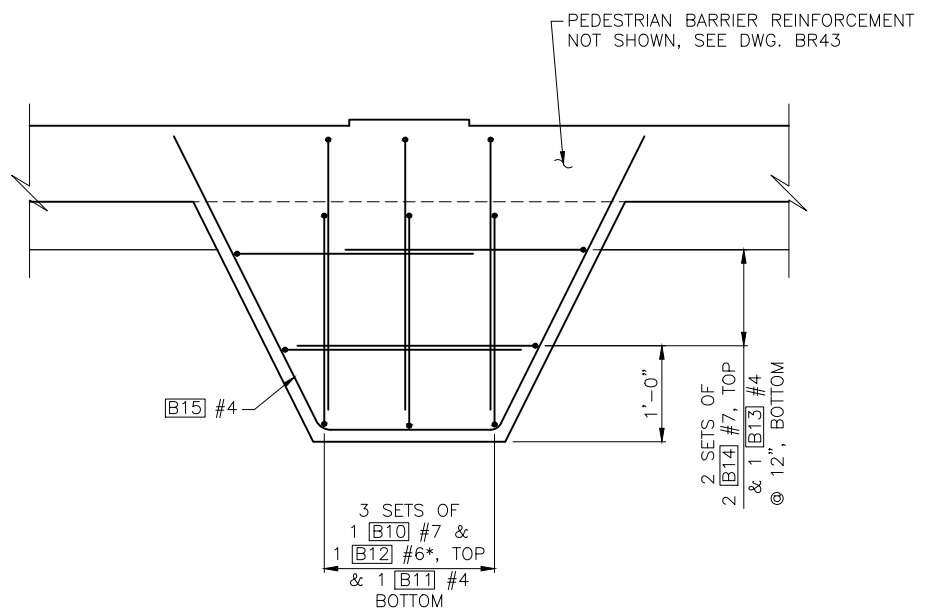
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LUMINAIRE PEDESTAL DETAIL
CAMERA POLE AND SIGNAL POLE PEDESTALS
SIMILAR
* DIMENSIONS FOR CAMERA POLE AND TYPE III
SIGNAL POLE LOCATIONS.

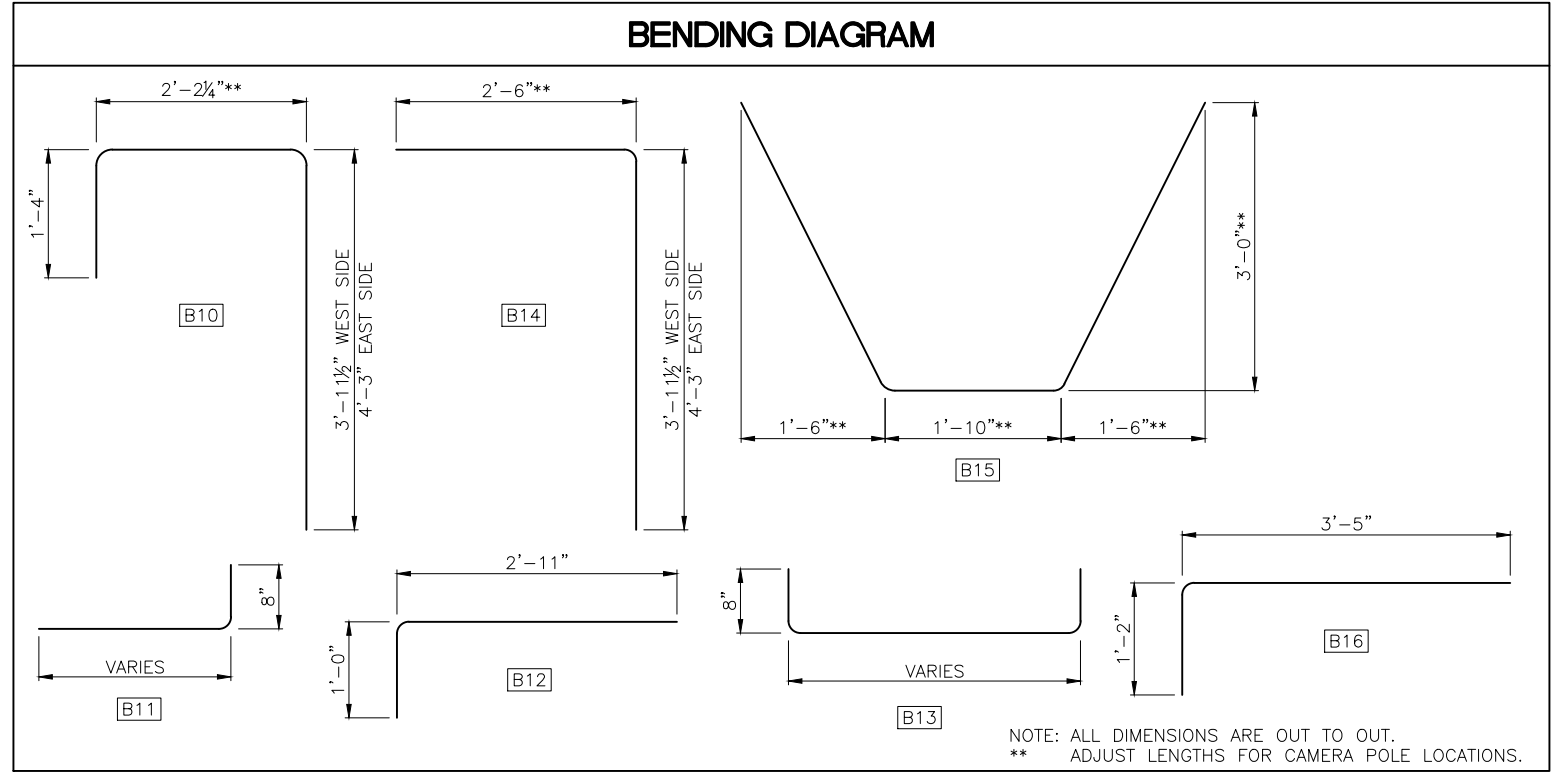


SECTION
B
—



LUMINAIRE PEDESTAL REINFORCEMENT
* AT CAMERA POLE AND TYPE III SIGNAL POLE
LOCATION. REPLACE 3 B12 #6 WITH 7 B16 #7
ADJUST SPACING TO CLEAR ANCHOR BOLTS.

- NOTES:**
1. USE LUMINAIRE PEDESTAL DETAIL FOR ALL LUMINAIRE POLES, PEDESTRIAN LIGHTING POLES, CAMERA POLES AND SIGNAL POLES AS SHOWN IN ILLUMINATION PLANS AND ON DWGS. BR1, BR2, AND SG1.
 2. FOR LUMINAIRE BASE DETAILS NOT SHOWN, SEE CITY OF LYNNWOOD STANDARD PLAN 8-08.
 3. FOR CAMERA POLE MOUNTING DETAILS NOT SHOWN, SEE WSDOT STANDARD PLAN J-29.10-00.
 4. FOR SIGNAL POLE BASE DETAILS NOT SHOWN, SEE WSDOT STANDARD PLAN J-21.10-04 FOR TYPE I SIGNAL POLE AND SEE WSDOT STANDARD PLAN J-26.10-02 FOR TYPE III SIGNAL POLE.



NOTE: ALL DIMENSIONS ARE OUT TO OUT.
** ADJUST LENGTHS FOR CAMERA POLE LOCATIONS.

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NOT FOR CONSTRUCTION

Feb 15, 2024 - 11:20am adharper I:\SEA\W00\Jobs\60024\CA\DD\DS001\Drawings\STRUCTUC20100156_BR51.dwg Layout Name: 20100156_BR51

No.	Date	Revision	By	Appr.

HNTB
HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



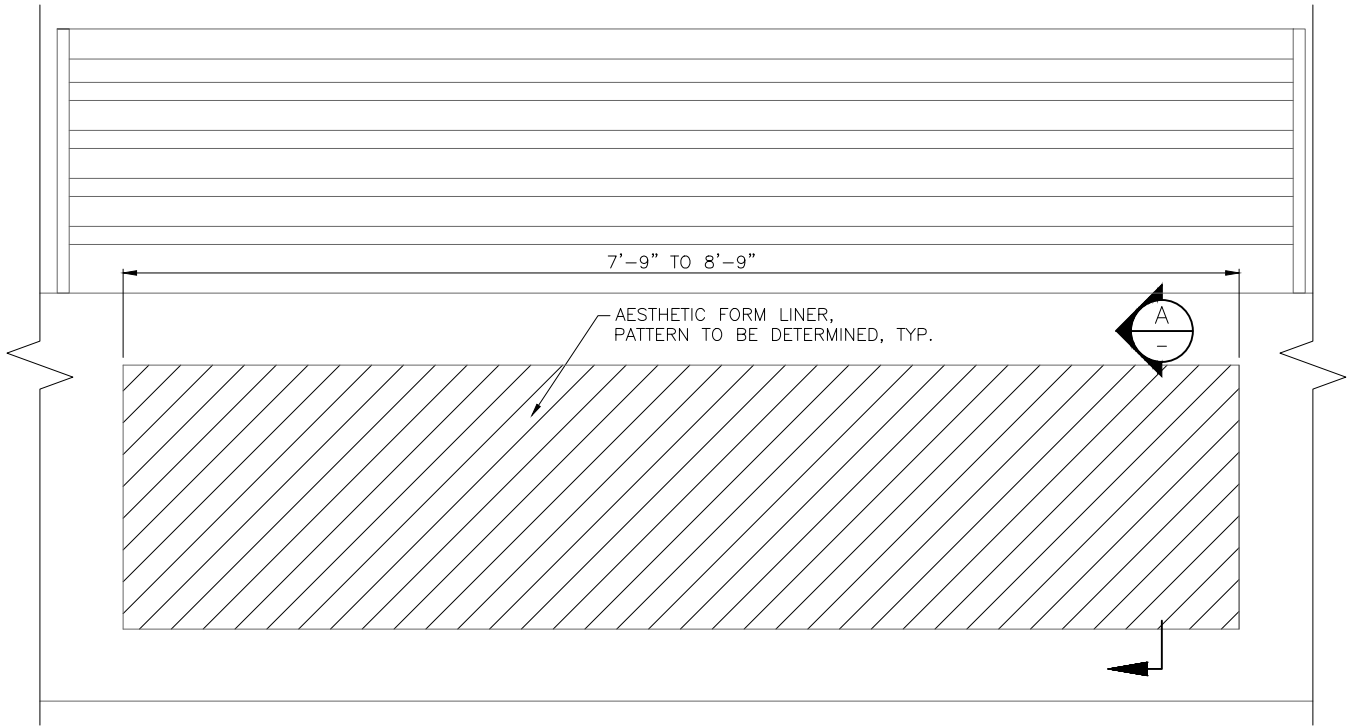
Drawn By	Date
ADH	2/15/24
Designed By	
SM	2/15/24
Checked By	
EBB	2/15/24
Approved By	

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

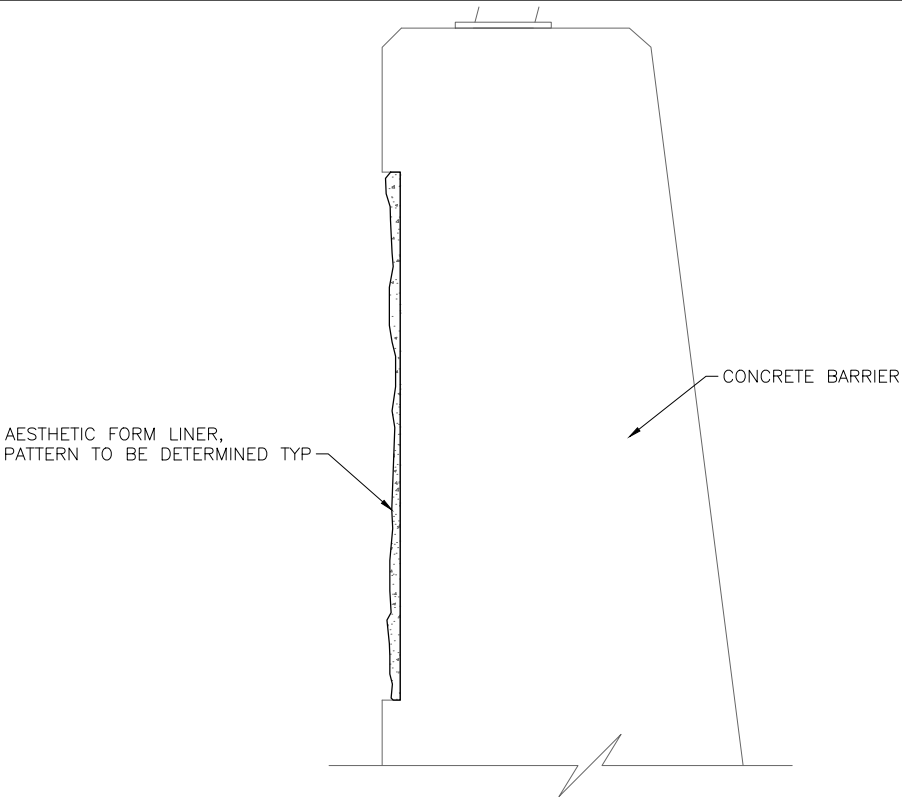
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
RAILING DETAILS 2 OF 3

Drawing No.	BR51
Sheet No.	
of Total	

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



TYPICAL FORM LINER DETAIL



SECTION A

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No.	Date	Revision	By	Appr.

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WASHINGTON

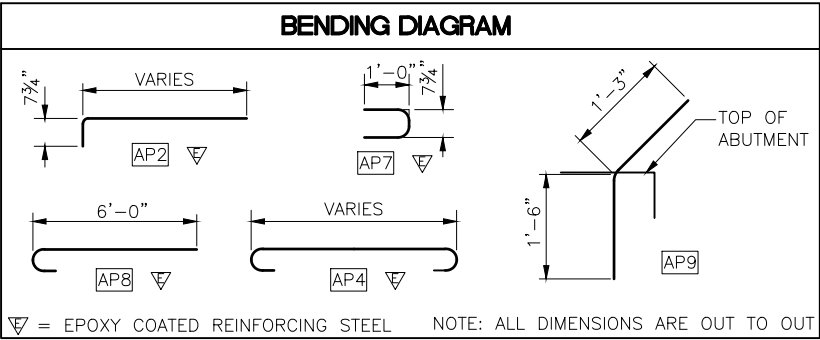
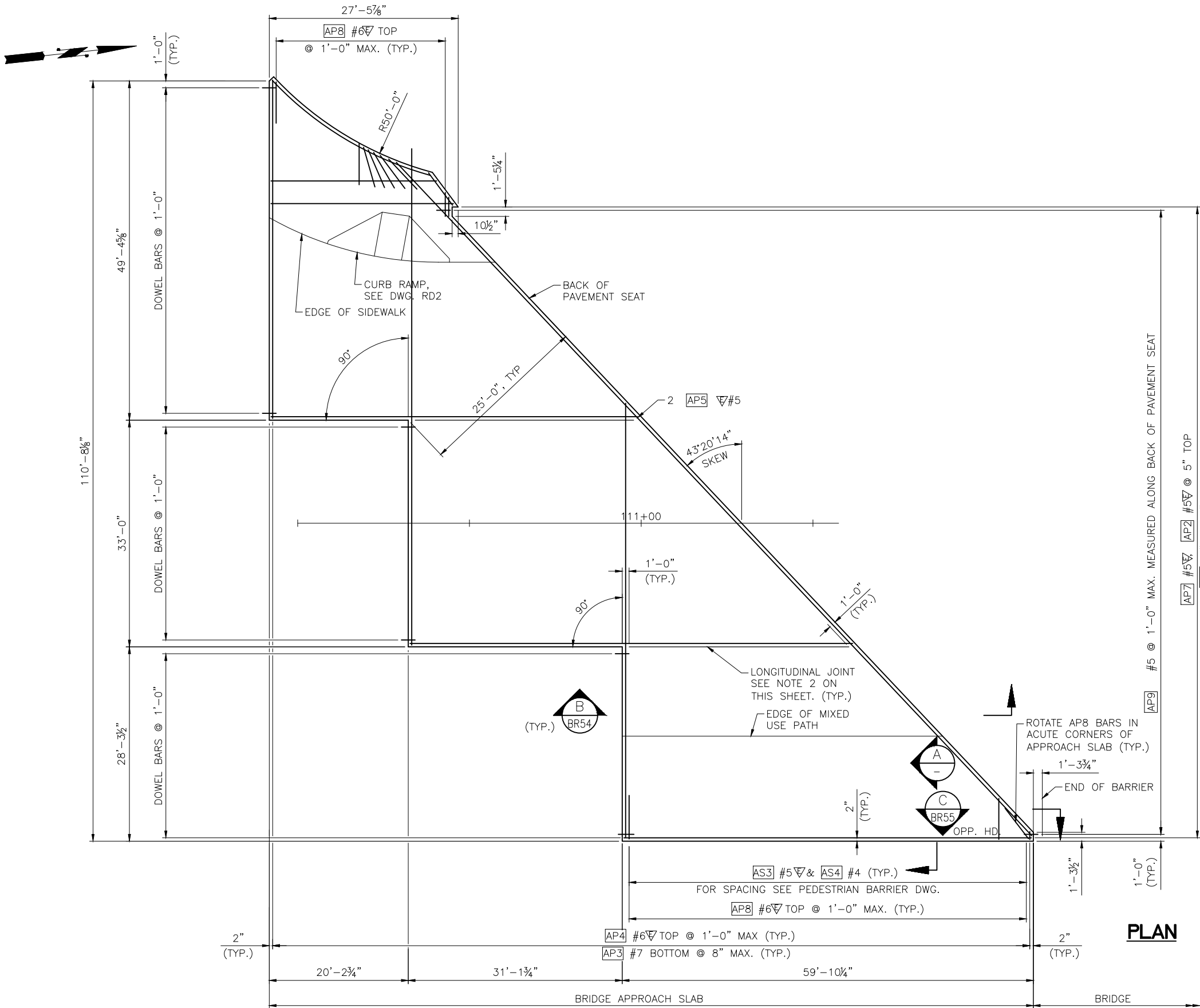


Drawn By ADH Date 2/15/24
Designed By EBB Date 2/15/24
Checked By BME Date 2/15/24
Approved By _____

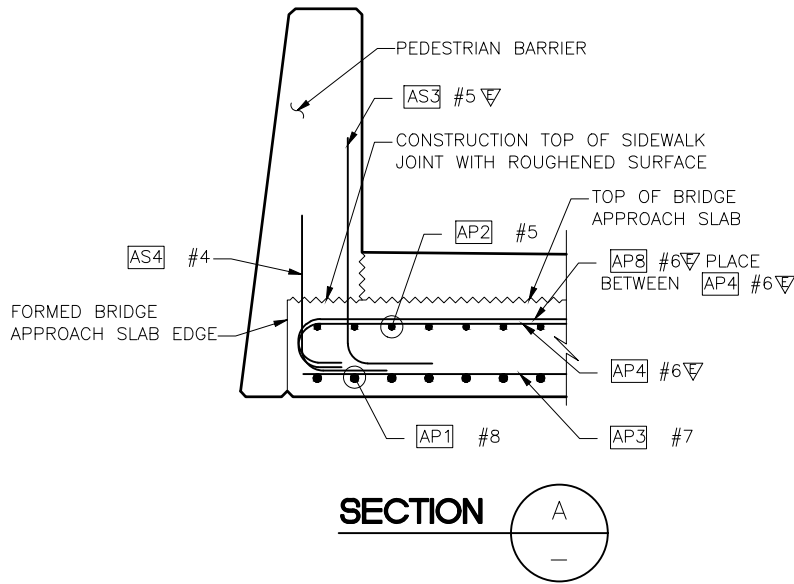
SCALE
Horiz ----
Vert ----
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
RAILING DETAILS 3 OF 3

Drawing No. **BR52**
Sheet No. _____
of Total



- NOTES:**
- ALL EDGES OF BRIDGE APPROACH SLAB SHALL HAVE $\frac{1}{2}$ " RADIUS EXCEPT AT LONGITUDINAL JOINTS AND ADJACENT TO L-TYPE ABUTMENTS.
 - LONGITUDINAL JOINTS SHALL BE PLACED ON LANE LINES AND SHALL BE CONSTRUCTED AND SEALED IN ACCORDANCE WITH WSDOT STD. SPEC. SECTION 5-05.3(8). JOINTS MAY BE EITHER A SAWCUT CRACK CONTROL JOINT OR A CONSTRUCTION JOINT. SAWCUT JOINTS SHALL TERMINATE 1'-0" BEFORE REACHING EDGE OF SLAB AND MUST BE SAW CUT AS SOON AS POSSIBLE AFTER PLACEMENT OF CONCRETE. SEE "LONGITUDINAL JOINT DETAIL ON DRAWING BR55.
 - FOR MINIMUM LAP SPLICE LENGTHS, SEE DWG. BR3. ALL LAP SPLICES SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF REBAR IS SPLICED AT THE SAME LOCATION. LAP SPLICES SHALL BE LOCATED WITHIN THE MIDDLE HALF OF THE BRIDGE APPROACH SLAB. OPTIONAL SPLICES ARE ALLOWED FOR AP4 #6.



NOTE: PAYMENT FOR SIDEWALK CONCRETE AND REINF. WILL BE INCLUDED WITH BRIDGE APPROACH SLAB.

PLAN

100% REVIEW
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Feb 15, 2024 - 2:15pm adharper J:\80024\CADD\DS001\Drawings\STRUC\20100156_BR5.dwg Layout Name: Bridge Approach Slab at Pier 1

No.	Date	Revision	By	Appr.

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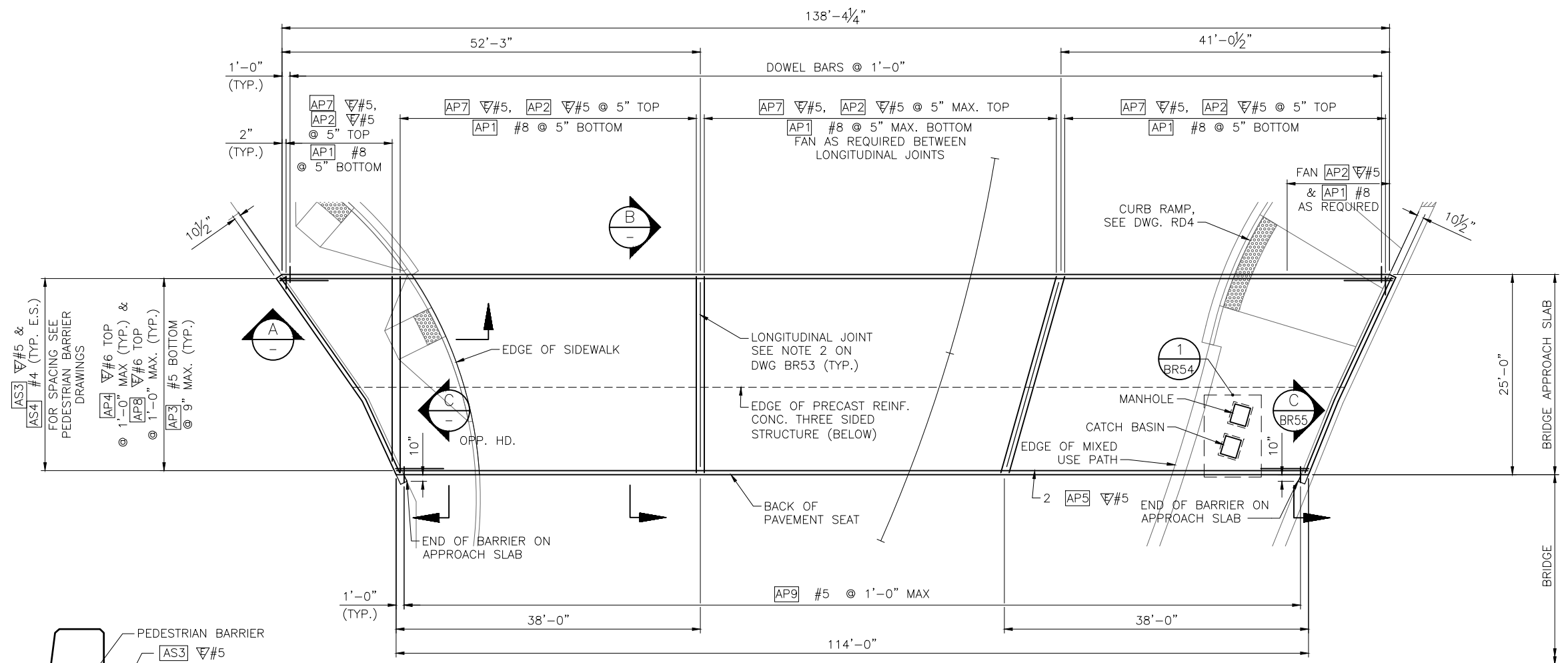
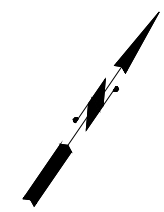
Drawn By ADH
Designed By EBB
Checked By TZ
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
BRIDGE APPROACH SLAB AT PIER 1

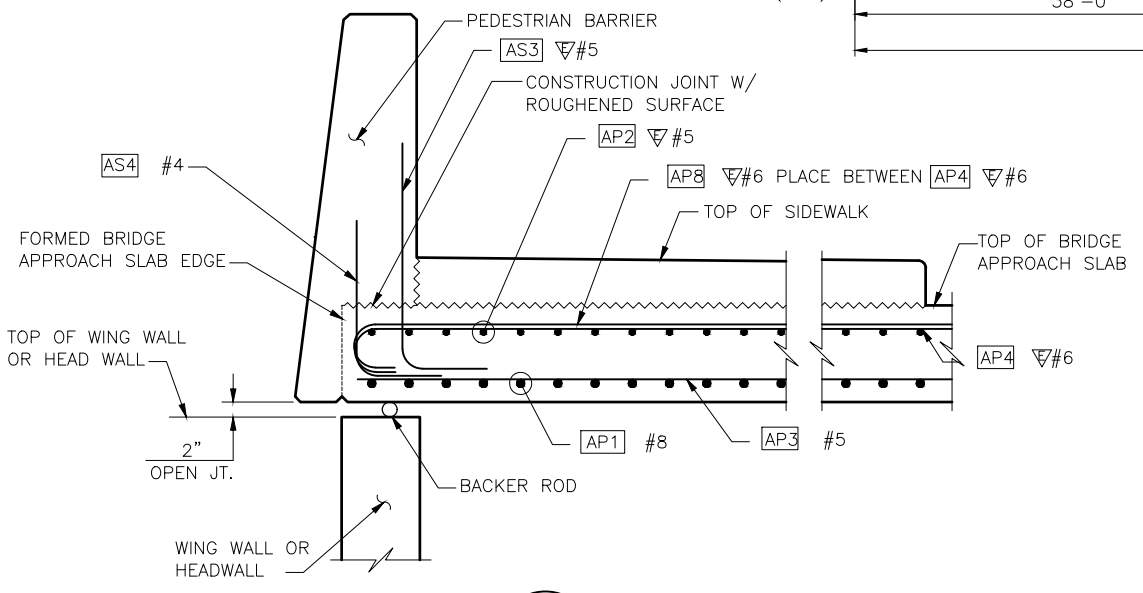
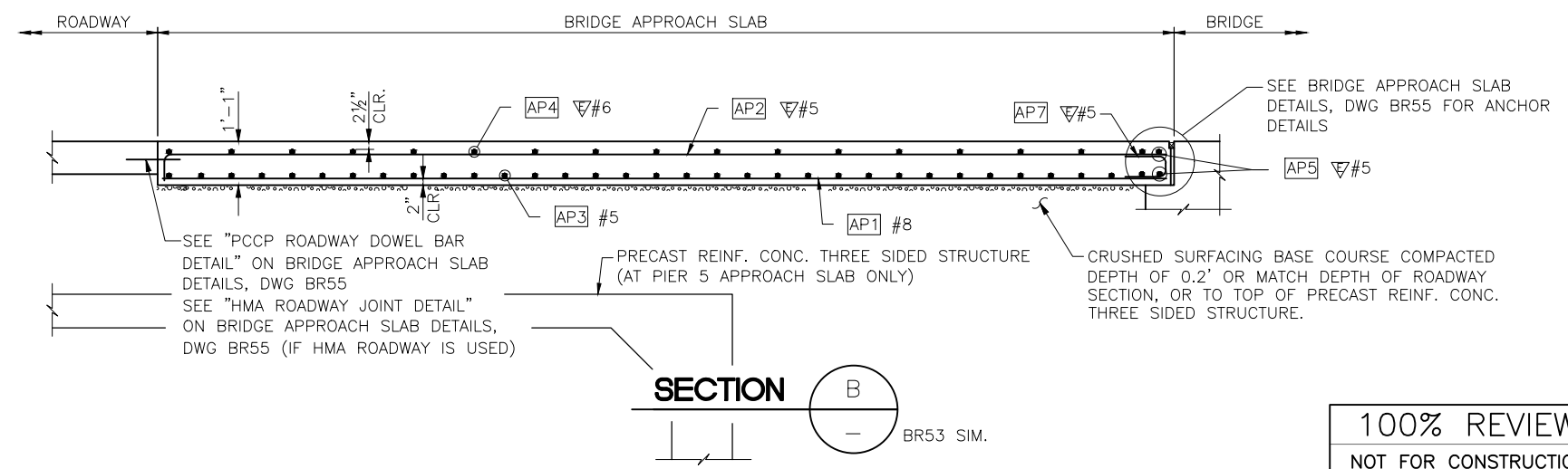
Drawing No. BR53
Sheet No. 1
of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



NOTE:
1. SEE SHEET BR53 FOR NOTES AND BENDING DIAGRAMS.

PLAN



SECTION A

NOTE: PAYMENT FOR SIDEWALK CONCRETE AND REINF. WILL BE INCLUDED WITH BRIDGE APPROACH SLAB.

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Feb 15, 2024 - 11:20am adharper I:\SEA\W00\Jobs\60024\CA\DD\SDS001\Drawings\STRUCTURE\20100156_BR54.dwg Layout Name: Bridge Approach Slab at Pier 5

No.	Date	Revision	By	Appr.

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WASHINGTON



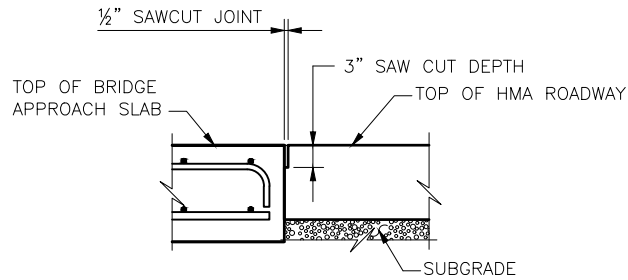
Drawn By	Date
ADH	2/15/24
Designed By	
EBB	2/15/24
Checked By	
TZ	2/15/24
Approved By	

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
BRIDGE APPROACH SLAB AT PIER 5

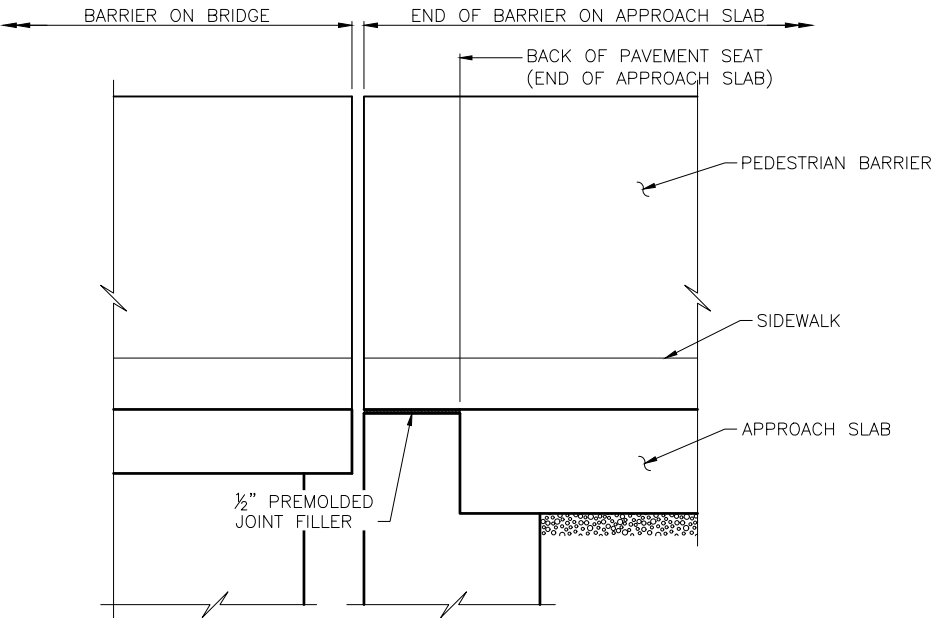
Drawing No. **BR54**
Sheet No.
of Total

C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

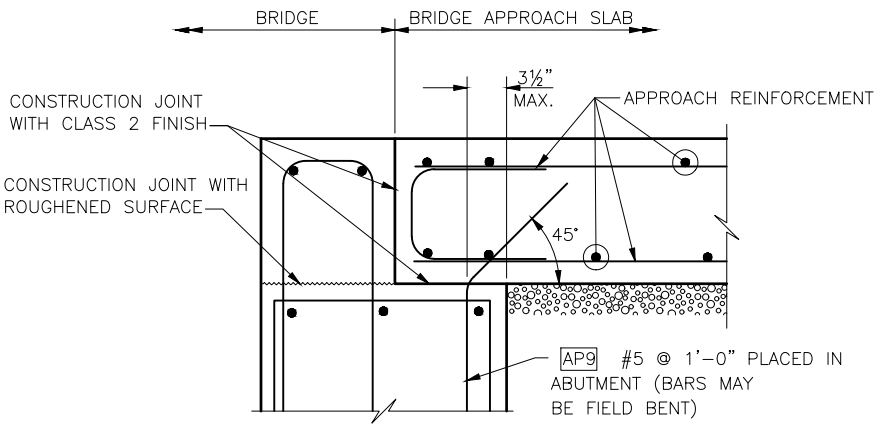
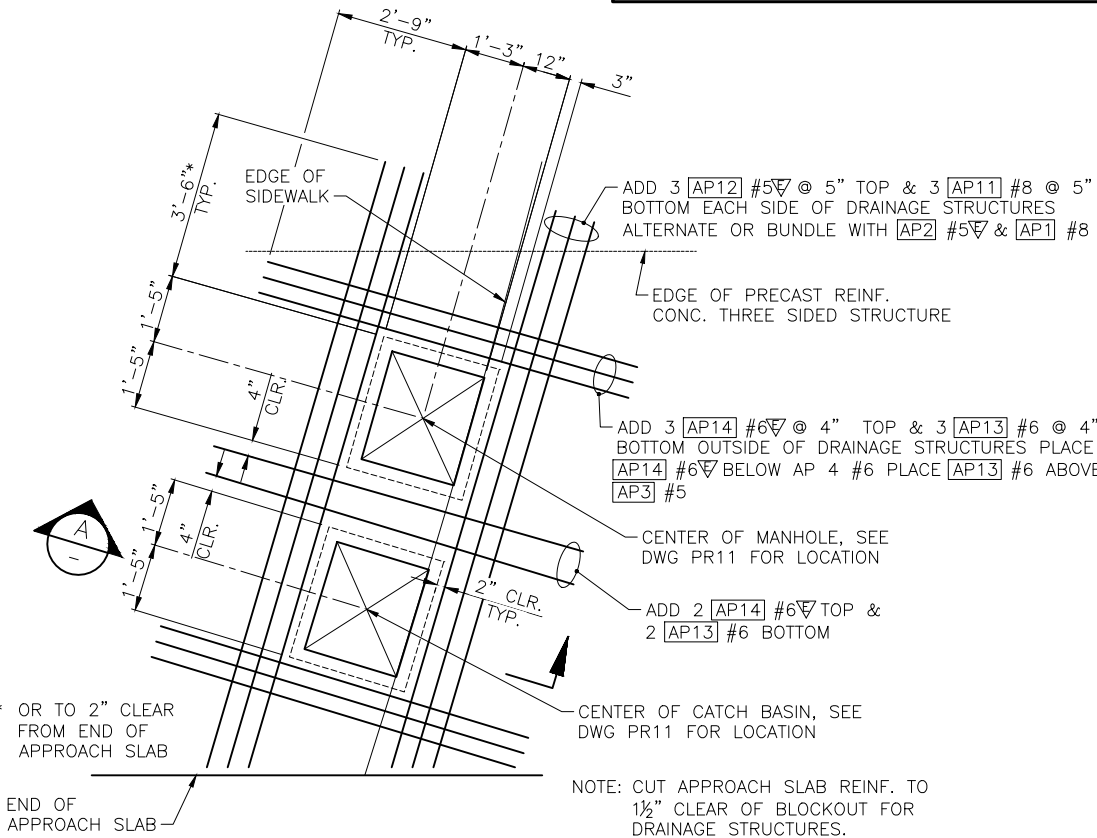


HMA ROADWAY JOINT DETAIL

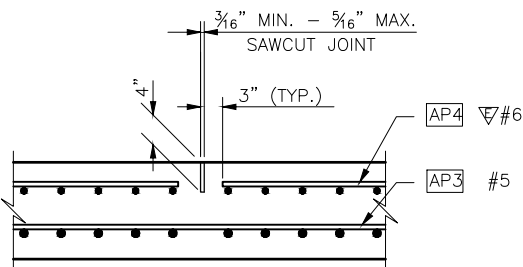
SAWCUT SHALL BE FILLED WITH HOT-POURED COMPONENT IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 9-04.2(1) AND SEALED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 5-05.3(8)B.



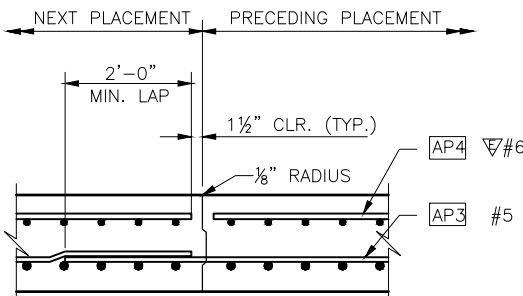
SECTION C
BR54
BR53



ANCHOR DETAIL

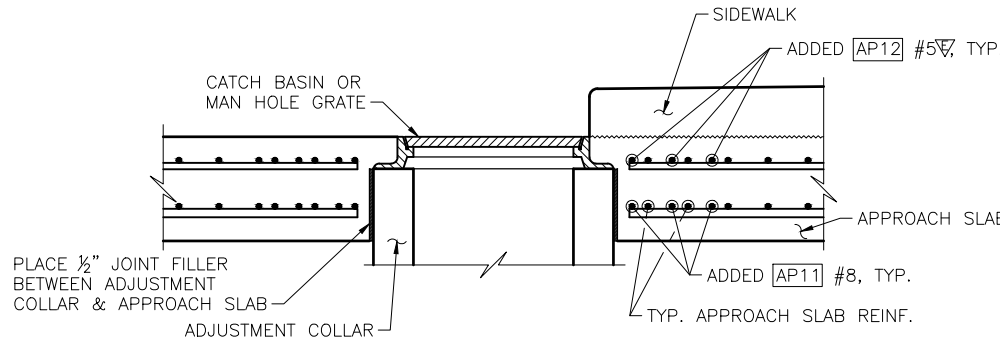


LONGITUDINAL JOINT DETAIL



ALTERNATE LONGITUDINAL JOINT DETAIL

EDGE PRECEDING PLACEMENT ONLY WITH 1/8" RADIUS.



SECTION A

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Feb 15, 2024 - 11:20am adharper I:\SEA\W00\Jobs\60024\CADD\Drawings\STRUCTURE\20100156_BR55.dwg Layout Name: Bridge Approach Slab Details

No.	Date	Revision	By	Appr.

HNTB
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LYNNWOOD
WASHINGTON



Drawn By ADH
Designed By EBB
Checked By TZ
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
BRIDGE APPROACH SLAB DETAILS

Drawing No. **BR55**
Sheet No.
of Total

C:\S\3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

No.	Date	Revision	By	Appr.

Drawing No. BR56	Project No. 2012-03-120
Sheet No. 1	Scale 1/4" = 1'-0"
Date 12/12/12	of Total 1

S = Bar is included in substructure quantities.
L = Lump sum quantity
T = Transverse or S = Seismic
E = Bar is to be epoxy coated.
V = Bar dimensions vary between dimension shown on this line and the following line.

S = Bar is included in substructure quantities.
L = Lump sum quantity
T = Transverse or S = Seismic
E = Bar is to be epoxy coated.
V = Bar dimensions vary between dimension shown on this line and the following line.

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)												LENGTH		WEIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)														LENGTH		WEIGHT
											U		W		X		Y		Z		Ø1	Ø2					
											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.	Lbs.		
											ABUTMENT 1																
F101	FOOTING TOP BAR	9	276	50			S				21	2											21	2	19863		
F102	FOOTING BOT. BAR	8	276	50			S				21	2											21	2	15598		
F103	FOOTING TOP BAR	5	22	50			S		V	1	28	6											28	6	772		
											38	9											38	9			
F104	FOOTING TOP BAR	5	22	50			S		V	1	35	3											35	3	691		
											25	0											25	0			
F105	FOOTING BOT. BAR	6	22	50			S				38	6											38	6	1272		
F106	FOOTING BOT. BAR	6	22	50			S		V	1	35	3											35	3	826		
											14	9											14	9			
F107	FOOTING DOWEL	7	128	54			S				5	0											6	0.5	1581		
F108	FOOTING DOWEL	10	255	54			S				7	8											9	3.2	10167		
F109	FOOTING TOP BAR	9	30	50			S		V	2	21	2											21	2	1275		
											3	10											3	10			
F110	FOOTING BOT. BAR	8	30	50			S		V	2	21	2											21	2	1001		
											3	10											17	7			
F111	FOOTING TOP BAR	5	22	50			S		V		17	7											17	7	328		
											11	0											11	0			
F112	FOOTING BOT. BAR	6	22	50			S		V		17	7											17	7	472		
											11	0											11	0			
F113	FOOTING DOWEL	9	62	54			S				8	9											10	1.5	2134		
F114	FOOTING SHEAR KEY	4	24	80			S				0	9	5	0	5	0					135	135	10	7.2	170		
F115	FOOTING TOP BAR	5	22	50			S				44	6											54	3.0	1021		
F116	FOOTING TOP BAR	5	22	50			S		V	1	20	7											0	0.0	708		
											41	1											22	8.0			
F117	FOOTING BOT. BAR	6	22	50			S				44	3											19	1.0	1462		
F118	FOOTING BOT. BAR	6	22	50			S		V	1	20	7											19	1.0	1019		
											41	1															
A101	WALL VERT. BAR	7	128	50			S		V	1	22	8											22	8	5462		
											19	1											19	1			
A102	WALL VERT. BAR	10	255	50			S		V	1	22	9											22	9	22997		
											19	2											19	2			
A103	WALL HORIZ. BAR	6	100	50			S				54	3											54	3	8148		
A104	WALL HORIZ. BAR	6	48	50			S				21	6											21	6	1550		
A106	WALL HORIZ. BAR	4	20	50			S				54	3											54	3.0	725		
A107	WALL HORIZ. BAR	4	10	50			S				20	9											20	9.0	139		
A108	WALL TOP BAR	5	128	74			S				1	8	6	2	0	0							7	7.9	1022		
A109	WALL STEP BAR	5	128	74			S				5	4	2	6	0	0							7	7.9	1022		
A110	WALL TOP BAR	5	135	74			S				1	8	6	2	0	0							7	7.9	1078		
A111	WALL END BAR	5	24	80			S				5	6.5	1	0	1	0					133.3	46.6	7	4.4	184		
A112	TIE BARS	4	768	58	T		S				4	0.5											4	8.9	2432		
A113	GIRDER STOP BAR	4	104	74			S				1	8	2	7	2	7							6	8.3	465		
A114	GIRDER STOP BAR	4	52	61			S				3	3	1	2	1	2	0	8	0	8			6	7.5	230		
A115	SIDEWALL BAR	5	8	80			S				1	4.5	4	4	5	3					113.3	66.7	10	9.4	90		
A116	SIDEWALL BAR	5	8	80			S				1	6.5	5	5	5	5					133.3	46.6	12	2.4	102		
A117	SIDEWALL BAR	5	2	50			S				5	5											5	5	11		

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V = Bar dimensions vary between dimension shown on this line and the following line.

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)														LENGTH		WEIGHT
											U		W		X		Y		Z		Ø1	Ø2					
											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.	Lbs.		
	WING WALL 1																										
W101	VERTICAL BAR	5	32	50			S		V	2	17	1												17	1	396	
											6	8												6	8		
W102	VERTICAL BAR	5	62	50			S		V		27	7												27	7	988	
											20	1												20	1		
W103	TOP& BOT. BAR	4	63	74			S				1	1.5	1	0	1	0								2	11.75	125	
W104	HORIZONTAL BAR	7	6	50			S				15	0												15	0	184	
W105	HORIZONTAL BAR	7	12	50			S		V	2	16	3												16	3	571	
											26	5												26	5		
W106	HORIZONTAL BAR	7	30	50			S				30	4												30	4	1860	
W107	HORIZONTAL BAR	7	40	50			S		V	2	28	8												28	8	1693	
											10	6												10	6		
W108	HORIZONTAL BAR	7	6	80			S		V	2	9	6	1	6	2	0					137	133	12	9	144.613		
											7	7	1	6	2	0					137	133	10	10			
W109	DIAGONAL BAR	7	8	80			S				8	0	1	6	2	0					137	133	11	3	184		
W110	DIAGONAL BAR	7	2	50			S				8	0												8	0	33	
W111	EDGE BAR	7	2	50			S				33	1												33	1	135	
W112	DOWEL BAR	7	94	80			S				3	9	2	9							137			6	3	1201	
W113	END BAR	7	8	74			S				1	2.5	1	0	1	0								2	11.5	48	
W114	EDGE BAR	7	2	50			S				18	1												18	1	74	
W115	TIE BAR	4	24	58			S				1	3												2	2.625	36	
	WING WALL 2																										
W201	DOWEL BAR	6	20	50			S				6	0												6	0	180	
W202	DOWEL BAR	7	39	50			S				7	6												7	6	598	
W203	DOWEL BAR	7	11	80			S				4	9	1	9							52.4			6	3	141	
W204	HORIZONTAL BAR	6	26	50			S				10	4												10	4	404	
W205	HORIZONTAL BAR	7	50	50			S				9	2												9	2	937	
W206	END BAR	4	26	74			S				1	8.5	1	0	4	0								3	6.75	62	
W207	VERTICAL BAR	6	22	50			S				24	1												24	1	796	
W208	TOP/BOTTOM BAR	4	22	74			S				1	6	1	0	1	0								3	4.25	49	
W209	DOWEL BAR	6	6	80			S				4	0	1	6	0	0					52.4			5	3.375	48	
W210	TIE BAR	4	9	58	T		S				1	9												2	5.375	15	
	ABUTMENT 5																										
F501	FOOTING TOP BAR	9	222	50			S				21	2												21	2	15977	
F502	FOOTING BOT. BAR	8	222	50			S				21	2												21	2	12546	
F503	FOOTING TOP BAR	5	22	50			S				30	0												30	0	688	
F504	FOOTING TOP BAR	5	22	50			S		V		31	9												18	2	573	
											18	2															
F505	FOOTING BOT. BAR	6	22	50			S				30	0												30	0	991	
F506	FOOTING BOT. BAR	6	22	50			S		V		17	11												17	11	816	
											31	6															

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V = Bar dimensions vary between dimension shown on this line and the following line.

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)												LENGTH		WEIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.	Lbs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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FEDERAL AID NO. IMD-STPUL-2004(037)

S = Bar is included in substructure quantities.

L = Lump sum quantity –

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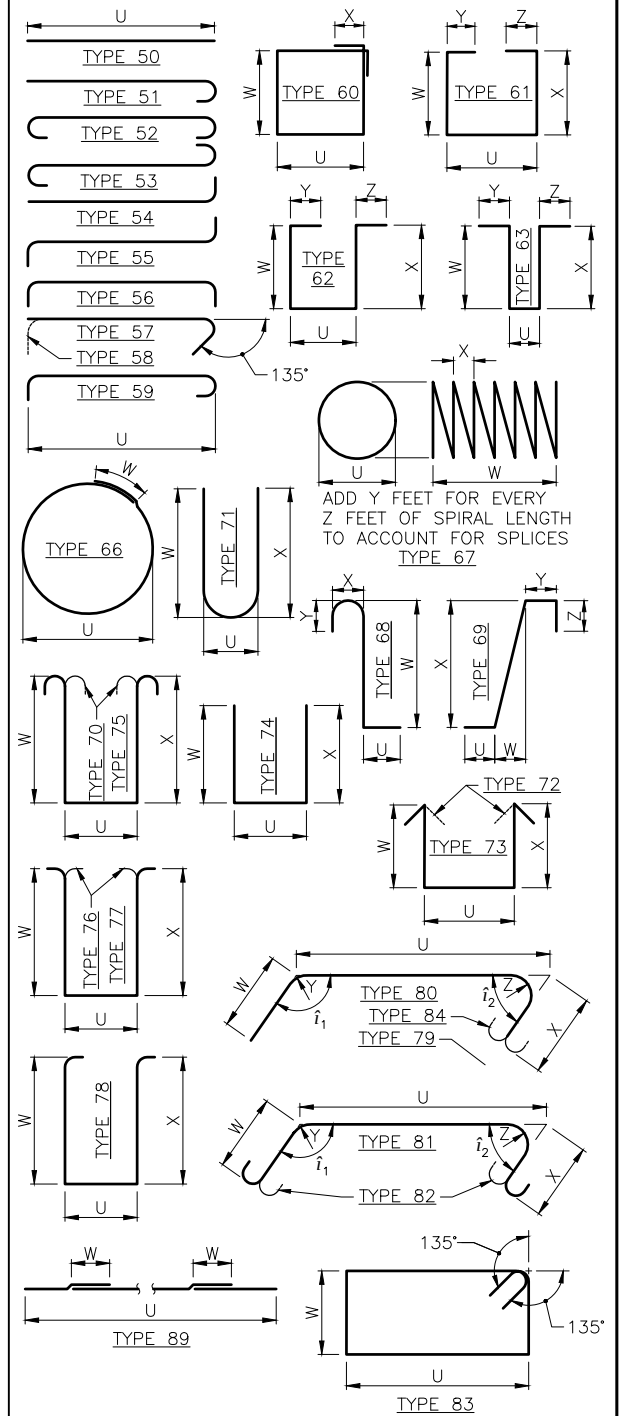
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MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)														LENGTH		WEIGHT		
											U		W		X		Y		Z		Ø1	Ø2							
											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.	Lbs.				
	WING WALL 3																												
W301	DOWEL BAR	6	16	50			S				6	11													6	11		166	
W302	DOWEL BAR	6	24	50			S				6	0													6	0		216	
W303	DOWEL BAR	6	8	80			S				4	6	1	6	0	0					115				6	0		72	
W304	HORIZONTAL BAR	6	16	50			S				9	7													9	7		230	
W305	HORIZONTAL BAR	6	32	50			S				9	10													9	10		473	
W306	END BAR	4	16	74			S				1	2.5	1	0	1	0									3	0.75		33	
W307	VERTICAL BAR	5	22	50			S				15	0													15	0		344	
W308	TOP/BOTTOM BAR	4	22	74			S				1	1	1	0	1	0									2	11.25		43	
	WING WALL 4																												
W401	DOWEL BAR	6	15	50			S				6	11													6	11		156	
W402	DOWEL BAR	6	21	50			S				6	0													6	0		189	
W403	DOWEL BAR	6	8	80			S				4	5	1	6	0	0					112				5	11		71	
W404	HORIZONTAL BAR	6	15	50			S				9	3													9	3		208	
W405	HORIZONTAL BAR	6	29	50			S				9	4													9	4		407	
W406	END BAR	4	15	74			S				1	2.5	1	0	1	0									3	0.75		31	
W407	VERTICAL BAR	5	22	50			S				13	7													13	7		312	
W408	TOP/BOTTOM BAR	4	22	74			S				1	1	1	0	1	0									2	11.25		43	
	PIER 2 CAP																												
P201	PIER CAP HORIZ. BAR	8	24	50			S				37	3													37	3		2387	
P202	VERT. END BAR	9	12	80			S				9	3	31	0	19	0					95	85			58	10		2400	
P203	PIER CAP HORIZ. BAR	9	24	50			S				60	0													60	0		4896	
P204	PIER CAP HORIZ. BAR	9	12	50			S				17	9													17	9		724	
P205	PIER CAP HORIZ. BAR	5	36	50			S				40	0													40	0		1502	
P206	PIER CAP HORIZ. BAR	5	12	50			S				14	1													14	1		176	
P207	PIER CAP END BAR	4	18	80			S				7	7.5	2	0	2	0					133.3	46.7			11	6		138	
P208	PIER CAP STIRRUP	5	168	70	S		S				7	9.5	3	8	3	8									16	1		2824	
P209	PIER CAP TIE BAR	5	386	57	T		S				5	6													5	12		2399	
P210	PIER CAP TIE BAR	5	386	58	T		S				3	9.5													4	8		1873	
P211	STEP STIRRUP	5	126	74	S		S				1	0	2	9	2	9									6	4		831	
P212	STEP HORIZ. BAR	4	378	54			S				2	7													3	2		802	
P213	VERT. TIE BAR	9	392	56				V	56		9	5													12	2		16438	
											9	9													12	6			
P214	VERT. TIE BAR	5	108	57							7	2													7	8		859	
P215	VERT. END BAR	9	12	80							9	3	21	3	19	0					95	85			49	1		2003	
P220	DIAPH. HORIZ. BAR	5	104	50							8	2													8	2		886	
P221	DIAPH. HORIZ. BAR	5	26	50							4	6													4	6		122	

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)												LENGTH		WEIGHT				
											U		W		X		Y		Z		Ø1	Ø2							
											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.	Lbs.				
	PIER 2 CAP																												
P222	DIAPH. HORIZ. BAR	5	50	50							3	3												3	3		169		
P223	DIAPH. TIE BAR	5	324	57	T						5	6												6	0		2014		
P224	VERT. TIE BAR	5	112	50					V	56	4	7												4	7		518		
											4	3.5												4	4				
P225	VERT. TIE BAR	5	112	50					V	56	2	7												2	7		285		
											2	3.5												2	4				
P226	CAGE STIR. BAR	6	70	83							4	10	4	4										19	4		2033		
P227	CAGE TIE BAR	5	140	58							4	12												5	10		850		
P228	DIAPH. HORIZ. BAR	4	42	50							40	0												40	0		1122		
P229	DIAPH. HORIZ. BAR	4	14	50							14	1												14	1		132		
P230	DIAPH. HORIZ. BAR	8	16	50							60	0												60	0		2563		
P231	DIAPH. HORIZ. BAR	8	8	50							16	6												16	6		352		
P232	DIAPH. J BAR - 24	5	224	57							2	0												2	6		574		
P233	DIAPH. J BAR - 30	5	168	57							2	6												3	0		518		
	PIER 3 CAP																												
P301	PIER CAP HORIZ. BAR	8	24	50			S				37	3												37	3		2387		
P302	VERT. BEND BAR	9	12	80			S				9	7	31	0	19	0					95	85		59	2		2414		
P303	PIER CAP HORIZ. BAR	9	24	50			S				60	0												60	0		4896		
P304	PIER CAP HORIZ. BAR	9	12	50			S				17	9												17	9		724		
P305	PIER CAP HORIZ. BAR	5	36	50			S				40	0												40	0		1502		
P306	PIER CAP HORIZ. BAR	5	12	50			S				14	1												14	1		176		
P307	PIER CAP END BAR	4	18	80			S				7	7.5	2	0	2	0					133.3	46.7		11	6		138		
P308	PIER CAP STIRRUP	5	168	70	S		S				7	9.5	3	8	3	8								16	1		2824		
P309	PIER CAP TIE BAR	5	336	57	T		S				5	6												5	12		2088		
P310	PIER CAP TIE BAR	5	336	58	T		S				3	9.5												4	8		1630		
P312	VERT. END BAR	9	12	80							9	7	21	3	19	0					95	85		49	5		2016		
P313	VERT. TIE BAR	9	392	56					V	56	9	9												12	6		16882		
											10	1												12	10				
P314	VERT. TIE BAR	5	108	57							7	2												7	8		859		
P320	DIAPH. HORIZ. BAR	5	130	50							8	2												8	2		1107		
P321	DIAPH. HORIZ. BAR	5	26	50							4	6												4	6		122		
P322	DIAPH. HORIZ. BAR	5	50	50							3	3												3	3		169		
P323	DIAPH. TIE BAR	5	432	57	T						5	6												6	0		2685		
P324	VERT. TIE BAR	5	112	50					V	56	4	7												4	7		518		
											4	3.5												4	4				
P328	DIAPH. HORIZ. BAR	4	42	50							40	0												40	0		1122		
P329	DIAPH. HORIZ. BAR	4	14	50							14	1												14	1		132		
P330	DIAPH. HORIZ. BAR	8	16	50							60	0												60	0		2563		
P331	DIAPH. HORIZ. BAR	8	8	50							16	6												16	6		352		
P332	DIAPH. J BAR - 24	5	224	57							2	0												2	6		574		
P333	DIAPH. J BAR - 30	5	168	57							2	6												3	0		518		



NOTES:

1. ALL REINFORCING BARS ON THIS SHEET SHALL BE ASTM A 706 UNLESS SHOWN OTHERWISE.
2. REINFORCING FOR TRAFFIC BARRIERS NOT SHOWN IN THE BAR LIST, SEE TRAFFIC BARRIER SHEET.
3. NUMBER AND LENGTH OF BARS TO BE DETERMINED BY THE CONTRACTOR FROM PLANS.

100% REVIEW
NOT FOR CONSTRUCTION

No.	Date	Revision	By	Appr.



PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900



LYNNWOOD
WASHINGTON

Drawn By	Date	SCALE
ADH	2/15/24	
Designed By		Horiz
EBB	2/15/24	
Checked By		Vert
DP	2/15/24	
Approved By		Project Number
		20100156

SCALE

• • •

Horiz

Vert

Project

201

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

BARLIST 3 OF 6

Drawing No.

BR59

Sheet No. 7

Total 1

FEDERAL AID NO. IMD-STPUL-2004(037)

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[illegible]

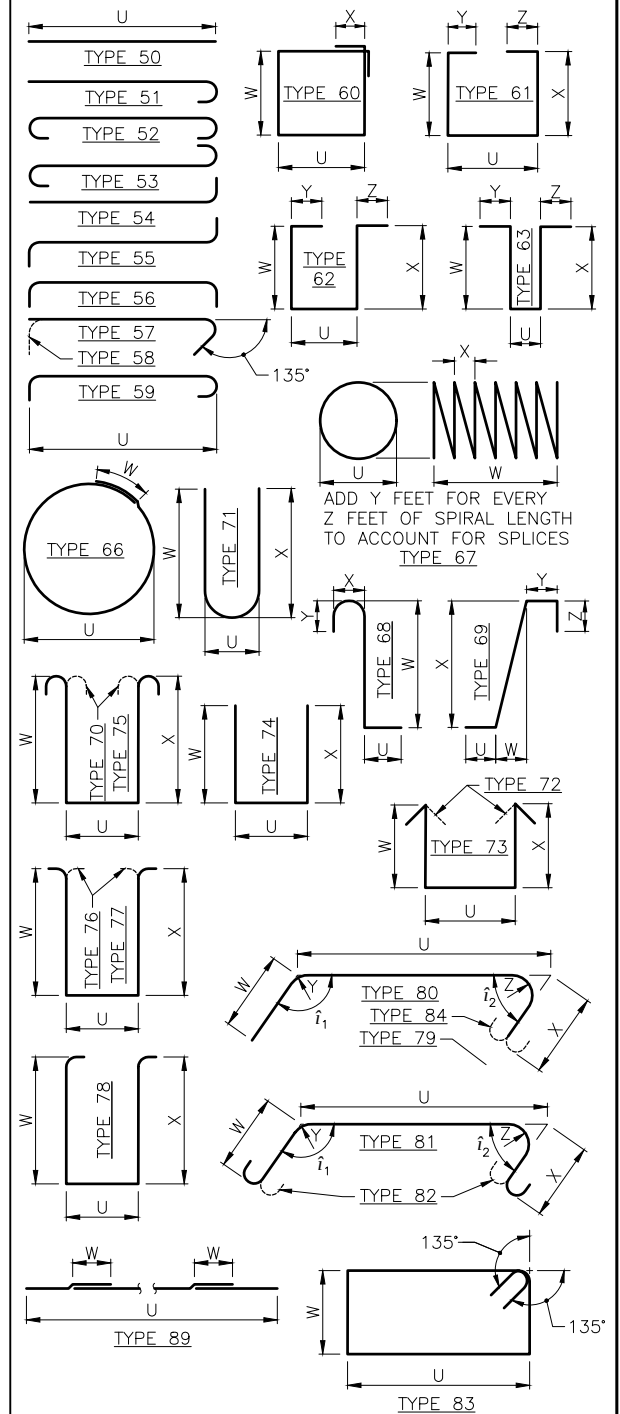
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Drawn By	Date	SCALE
ADH	2/15/24	
Designed By		Horiz
EBB	2/15/24	
Checked By		Vert
DP	2/15/24	
Approved By		Project Number
		20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

BARLIST 4 OF 6

rawing No.
BR60
heet No.

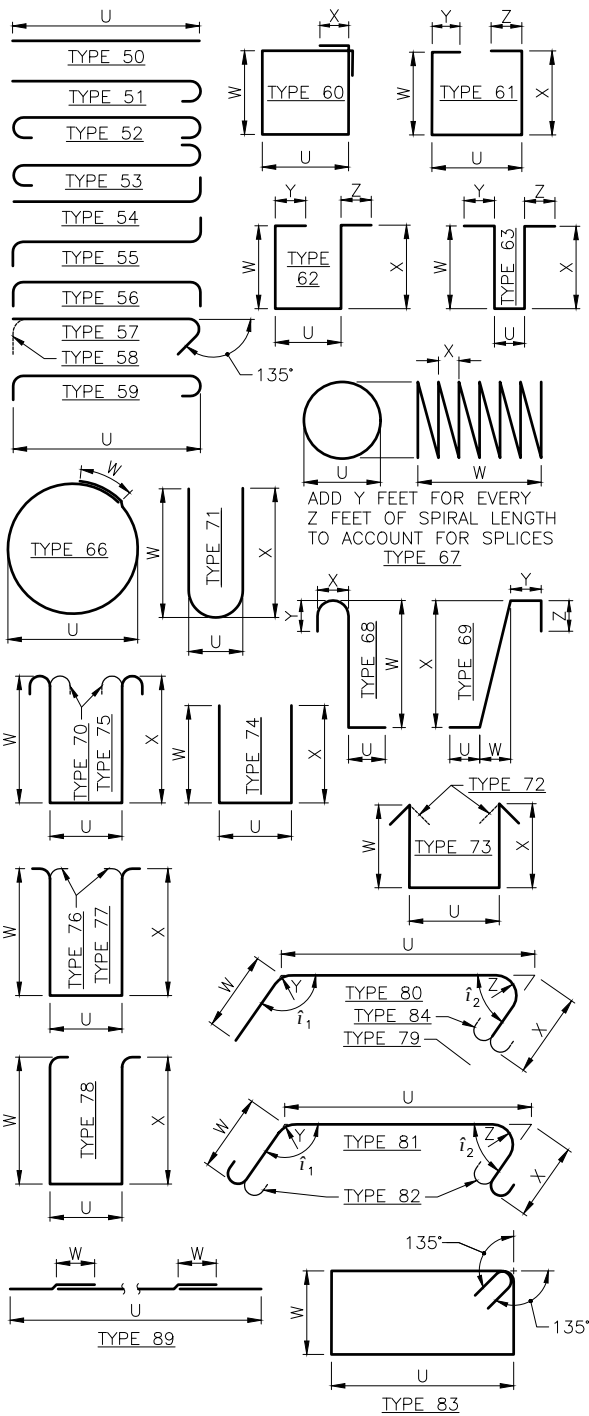
of Total

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MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)												LENGTH		WEIGHT	
											U		W		X		Y		Z		Ø1	Ø2				
											Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Deg.	Deg.	Ft.	In.		Lbs.
	WF42G INT. DIAPH.																									
	SPAN 4																									
D401	TOP BAR	6	8	51				E	V	4	38	3											38	11	448	
											34	11											35	7		
D402	TOP BAR	6	4	50				E			45	0											45	0	270	
D403	SIDE BAR	4	104	50					V	52	6	9											6	9	452	
											6	3											6	3		
D404	SPAN BAR	7	10	50							45	10											45	10	562	
D405	SPAN BAR	7	4	50					V	1	25	1											25	1	89	
											18	5											18	5		
D406	SPAN BAR	7	4	50					V	2	36	6											36	6	285	
											33	2											33	2		
D410	STIRRUPS	4	208	74	S						0	6.5	4	4	4	4							9	0.75	1259	
D411	STIRRUPS	4	104	74	S						0	6.5	1	9	1	9							3	10.75	271	
	SPAN 4B																									
D421	SPAN BAR	6	2	51				E			15	7											16	3	49	
D422	SPAN BAR	6	2	50				E			43	7											43	7	131	
D423	SPAN BAR	6	2	50				E			35	6											35	6	107	
D424	SPAN BAR	6	2	51				E			23	6											24	2	73	
D425	TOP BAR	7	2	50							29	9											29	9	122	
D426	TOP BAR	7	1	50							52	4											52	4	107	
D427	BOTT. BAR	7	2	50							45	5											45	5	186	
D428	BOTT. BAR	7	2	50							43	3											43	3	177	
D429	BOTT. BAR	7	2	50							21	2											21	2	87	
D430	BETWEEN BAR	4	78	50							7	2											7	2	373	
D431	STIRRUPS	4	104	74	S						0	6.9	3	6	3	6							7	5.125	516	
D432	STIRRUPS	4	52	74	S						1	0.4	1	9	1	9							4	4.625	152	
	WF66G INT. DIAPH.																									
	SPANS 2 & 3																									
D301	TOP BAR	6	24	51				E			39	8											40	4	1454	
D302	TOP BAR	6	12	50				E			48	10											48	10	880	
D303	SIDE BAR	4	624	50							8	3											8	3	3439	
D304	SPAN BAR	7	30	50							48	5											48	5	1781	
D305	SPAN BAR	7	12	50							26	7											26	7	326	
D306	SPAN BAR	7	12	50							38	6											38	6	944	
D310	STIRRUPS	4	624	74	S				V	208	0	6.5	5	11	5	11							12	2.75	5236	
											0	6.5	6	3	6	3							12	10.75		
D311	STIRRUPS	4	312	74	S						0	6.5	3	9	3	9							7	10.75	1646	

MARK NO.	LOCATION	SIZE	NO REQ'D	BEND TYPE	TIE OR STIR.	LUMP SUM	SUBSTR.	EPOXY COAT	VARIES	NO. EACH	DIMENSIONS (OUT TO OUT)												LENGTH		WEIGHT		
											U		W		X		Y		Z		Ø1	Ø2	Ft.	In.	Ft.	In.	Ft.
	DECK - GENERAL																										
S100	LONGIT BOT	5	1127	50				E			40	0												40	0	47018	
S101	LONGIT BOT	5	56	50				E			30	0												30	0	1752	
S102	LONGIT BOT	5	41	50				E			20	0												20	0	855	
S103	LONGIT TOP	4	495	50				E			40	0												40	0	13226	
S104	LONGIT TOP	4	198	50				E			34	0												34	0	4497	
S105	LONGIT TOP	4	198	50				E			30	0												30	0	3968	
S106	LONGIT TOP	4	99	50				E	V	7	39	0												39	0	1951	
											20	0												20	0		
S109	TRANS TOP	6	1066	51				E			8	4												9	0	14410	
S110	TRANS TOP	5	496	51				E			34	0												34	7	17891	
S111	TRANS BOT	5	540	50				E			37	6												37	6	21121	
S112	TRANS TOP	5	88	51				E	V	2	5	0												5	7	2088	
											39	4												39	11		
S113	TRANS BOT	5	88	50				E	V	2	5	0												5	0	2035	
											39	4												39	4		
S114	TRANS TOP	5	44	50				E			37	6												37	6	1721	
S115	TRANS TOP & BOT	5	1016	50				E			36	0												36	0	38149	
S116	TRANS TOP	5	20	50				E	V	1	10	3												10	3	373	
											25	6												25	6		
S117	TRANS BOT	5	20	50				E	V	1	6	9												6	9	300	
											22	0												22	0		
S118	TRANS TOP	5	390	51				E			27	6												28	1	11423	
S119	TRANS BOT	5	390	50				E			24	0												24	0	9762	
S211	TRANS TOP	5	484	50				E			12	4												12	4	6226	
S212	TRANS BOT	5	484	50				E			12	4												12	4	6226	
	DECK OVER PIERS																										
S120	LONGIT TOP	8	196	50				E			40	0												40	0	20933	
S121	LONGIT TOP	9	224	50				E			46	6												46	6	35414	
S122	LONGIT TOP	9	113	80				E	V	7	27	0	19	6										46	6	17865	
											27	0	19	6										166	46	6	
S123	LONGIT TOP	9	111	80				E	V	7	21	6	25	0										177	46	6	17549
											21	6	25	0										166	46	6	



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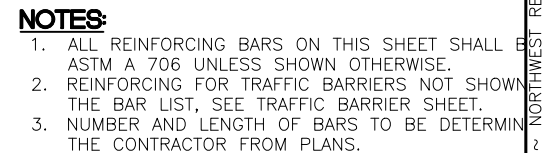
HNTB
HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON

Drawn By ADH
Designed By SM
Checked By GP
Approved By
Date 2/15/24
2/15/24

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[illegible]

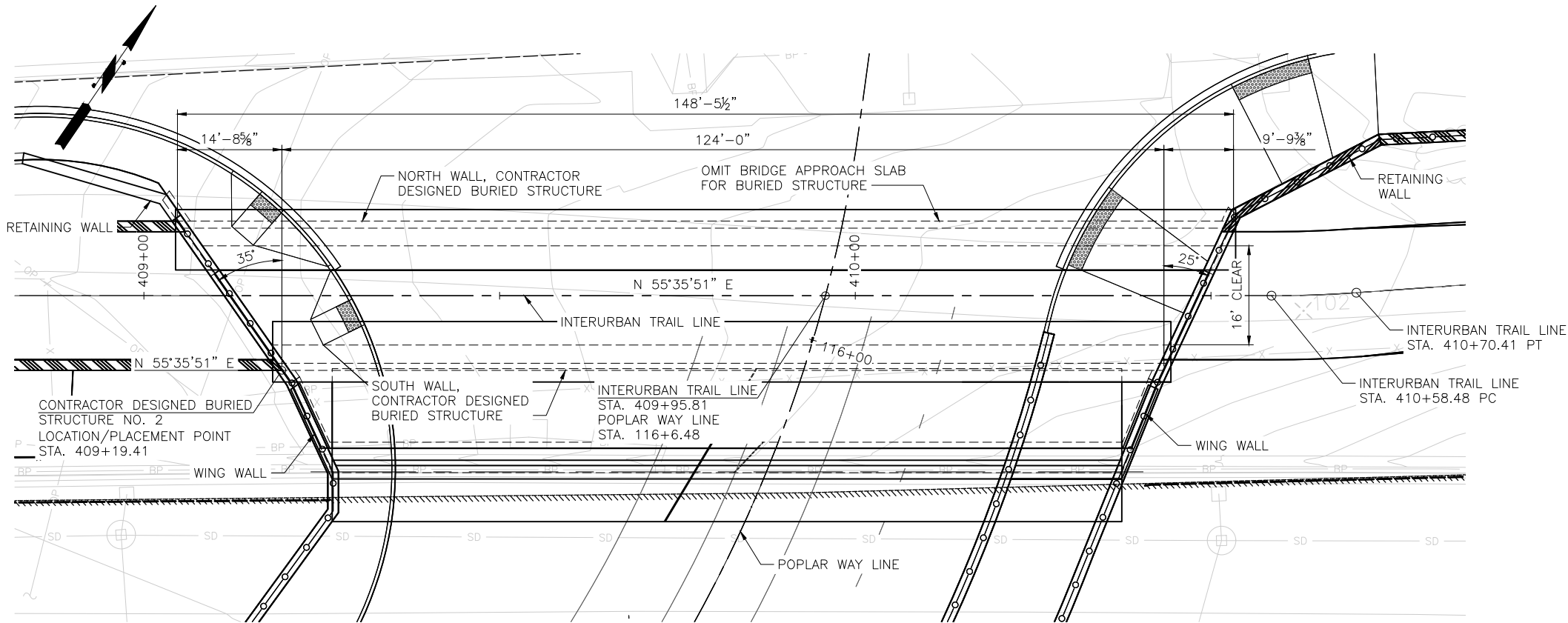
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Sheet No. **2**

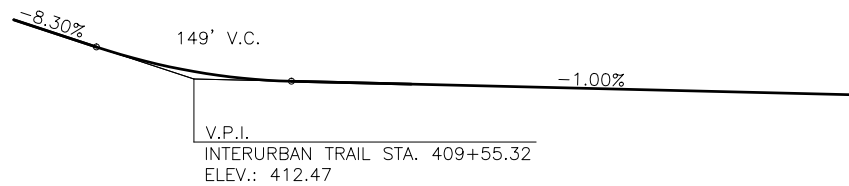
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SEC. 15, T. 27 N., R. 4 E., W.M.
CITY OF LYNNWOOD

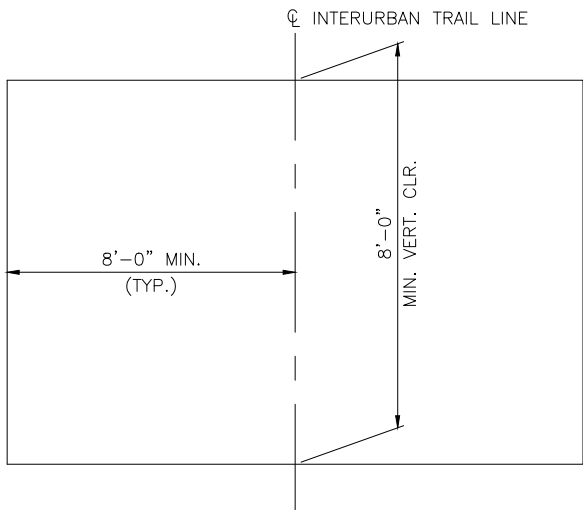
FEDERAL AID NO. IMD-STPUL-2004(037)



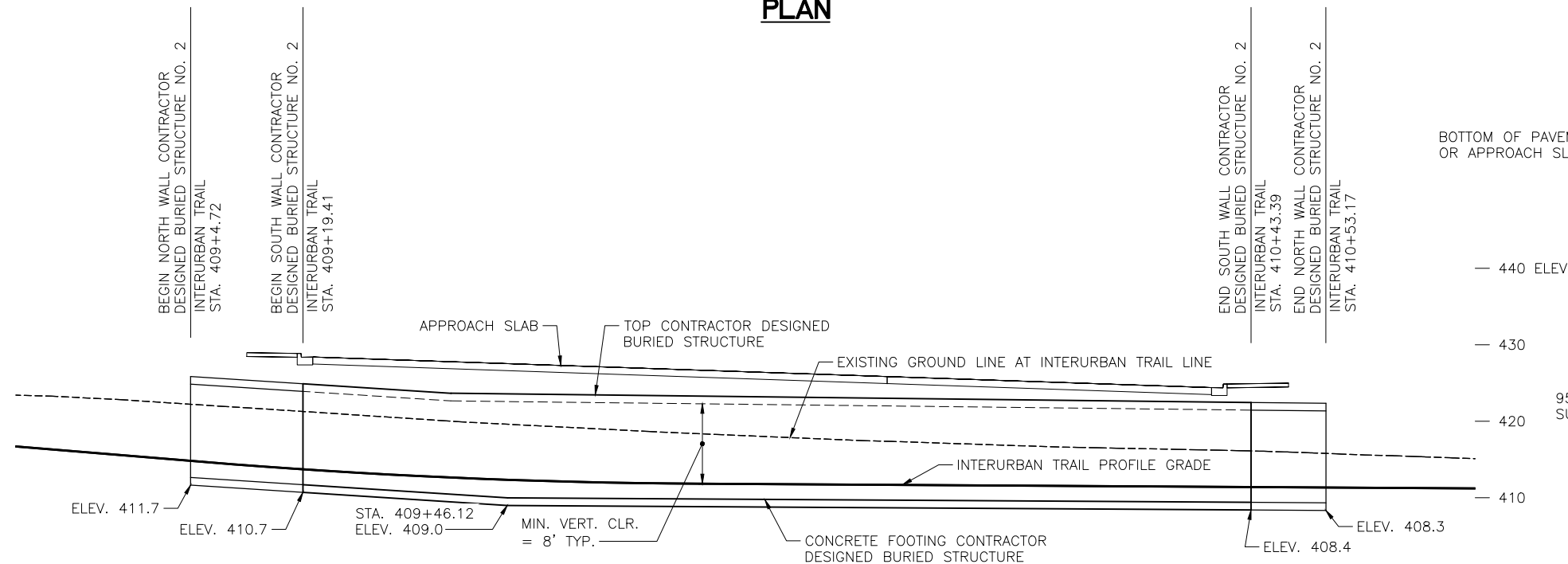
PLAN



INTERURBAN TRAIL PROFILE



INTERURBAN TRAIL
CLEARANCE ENVELOPE



ELEVATION

NOTE: RETAINING WALLS
NOT SHOWN IN ELEVATION

DATUM
NAVD-88

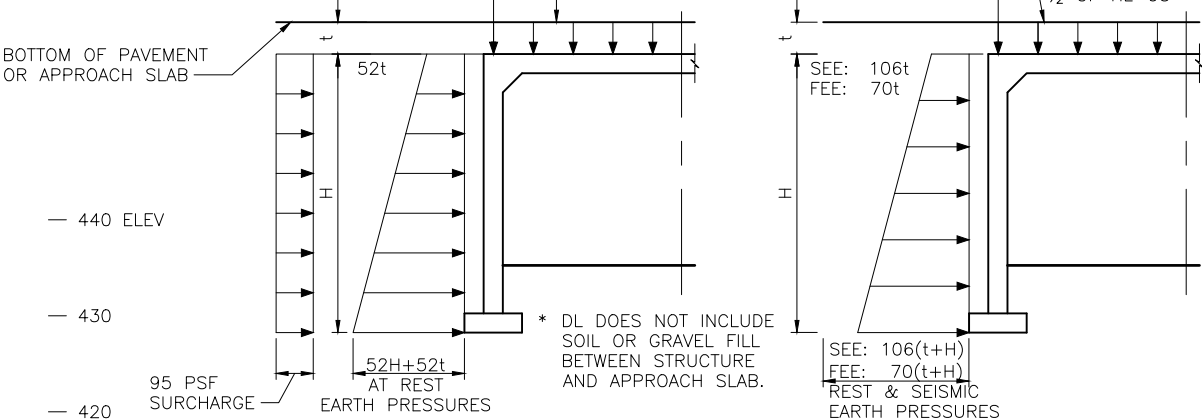
LOADING FROM APPROACH SLAB:

SERVICE LOADING
ON WALL:
DL= 1400 lb/ft
LL = 3100 lb/ft

SERVICE LOADING
ON SLAB:
DL= 170 PSF*
LL = 520 PSF OR
HL-93

LOADING ON WALL:
DL= 1400 lb/ft
LL = 1550 lb/ft

LOADING ON SLAB:
DL= 170 PSF*
LL = 260 PSF OR
1/2 OF HL-93



STRENGTH AND SERVICE LOADS

EXTREME EVENT LOADS

DESIGN LATERAL SOIL PRESSURE AND
LOADING FORM APPROACH SLAB

CONTRACTOR DESIGNED BURIED
STRUCTURE NO. 2
LOADING: HL-93

SEISMIC OPERATION CLASSIFICATION: ORDINARY

100% REVIEW
NOT FOR CONSTRUCTION

No.	Date	Revision	By	Appr.

HNTB
HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By: AT
Designed By: 2/15/24
Checked By: EV
Approved By: 2/15/24

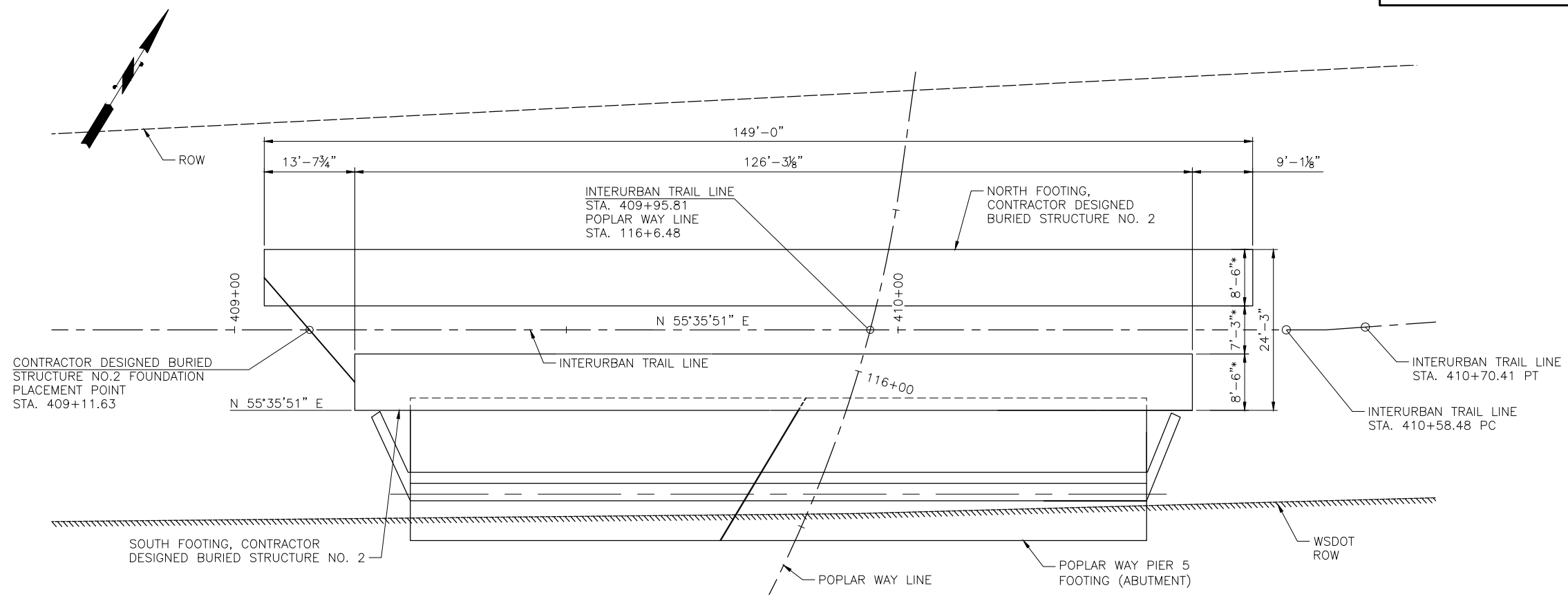
SCALE
Horiz: N/A
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TRAIL OVERCROSSING LAYOUT PLAN

Drawing No.
T01
Sheet No.
of Total

Feb 27, 2024 - 12:25pm adhaner l:\seaw00\p\sls0024\CADD\DS001\Drawings\STRUC\20100156_T01.dwg Layout Name: Trail Overcrossing Layout Plan

C/S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



FOUNDATION PLAN

* NOTE: CONTRACTOR SHALL VERIFY STRUCTURE WIDTH AND FOOTING DIMENSIONS TO PROVIDE REQUIRED TRAIL CLEARANCES AND TO MEET BEARING PRESSURE REQUIREMENTS.

BEARING CAPACITY OF SPREAD FOOTING SHALL BE TAKEN AS:

BEARING CAPACITY (PSF)

FOOTING WIDTH	SERVICE 1 LIMIT STATE (1" SETTLEMENT)	STRENGTH 1 LIMIT STATE	EXTREME EVENT 1 LIMIT STATE
6'-0"	22,000	6,000	15,000
7'-0"	20,200	6,320	15,800
8'-0"	19,000	6,520	16,300
8'-6"	18,500	6,640	16,600

BEARING CAPACITIES FOR OTHER WIDTHS NOT GIVEN HERE MAY BE DETERMINED USING LINEAR INTERPOLATION OF THESE VALUES.

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER

100% REVIEW
NOT FOR CONSTRUCTION

No.	Date	Revision	By	Appr.

HNTB
HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By	AT	Date	2/15/24
Designed By	AR		
Checked By	EBB	2/15/24	
Approved By			

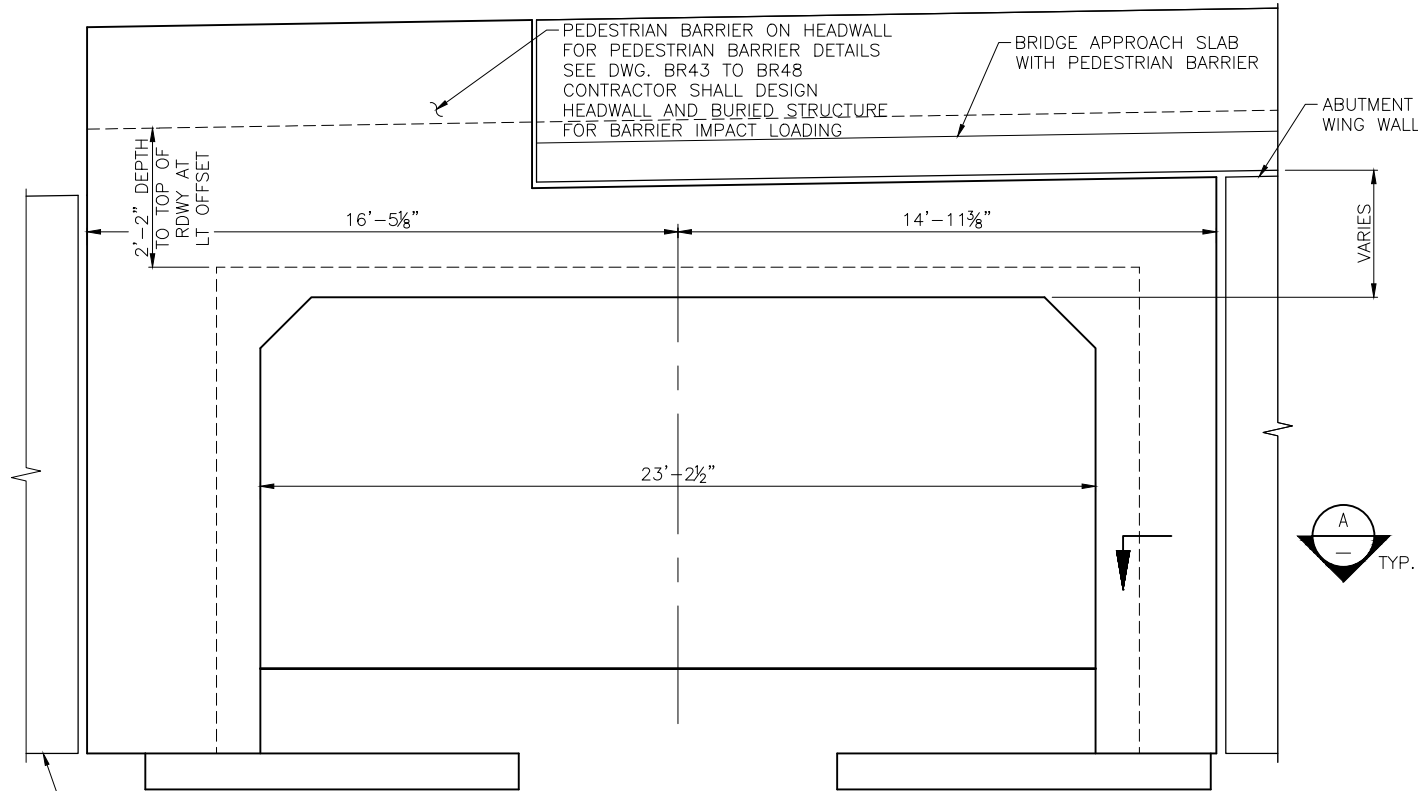
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Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TRAIL OVERCROSSING FOUNDATION LAYOUT

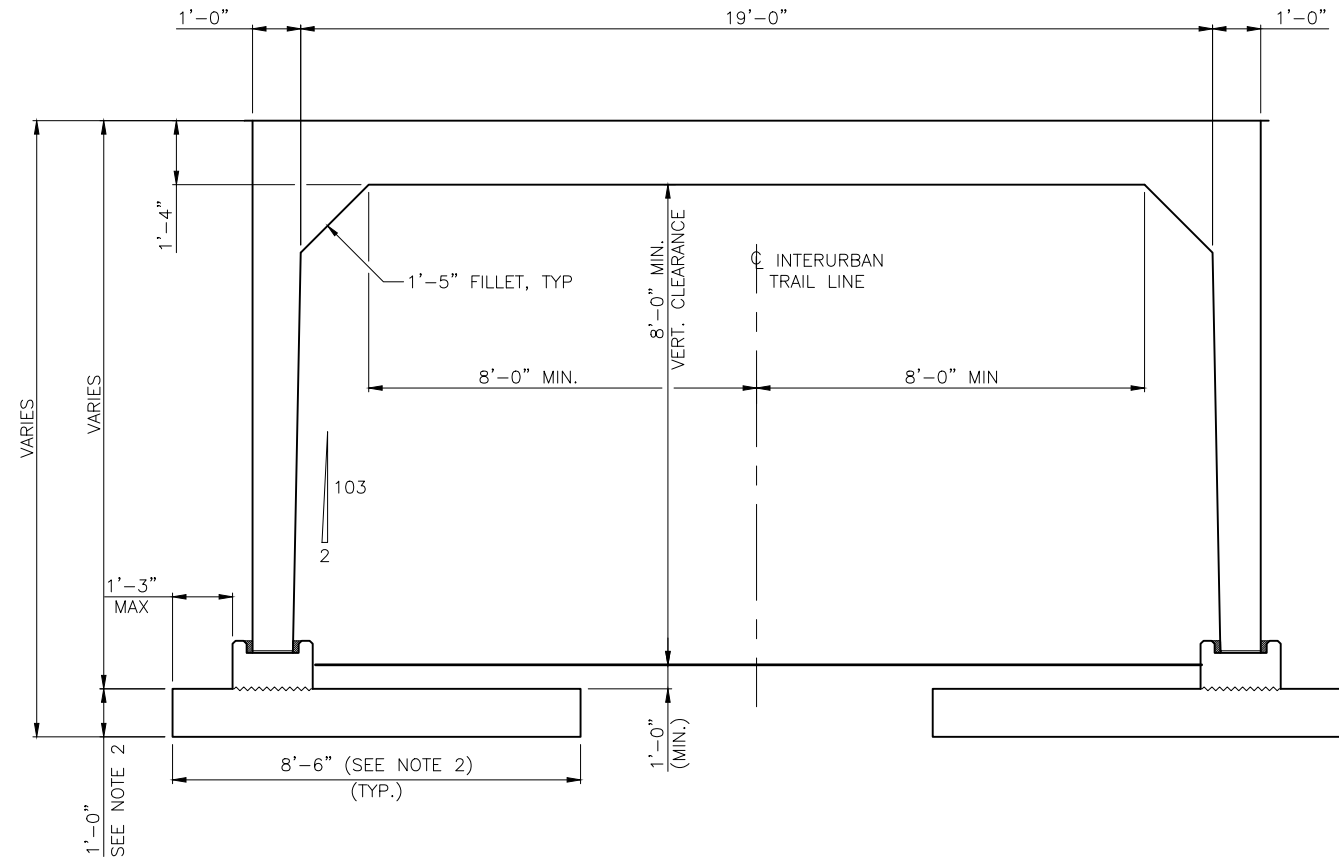
Drawing No.	T02
Sheet No.	
of Total	

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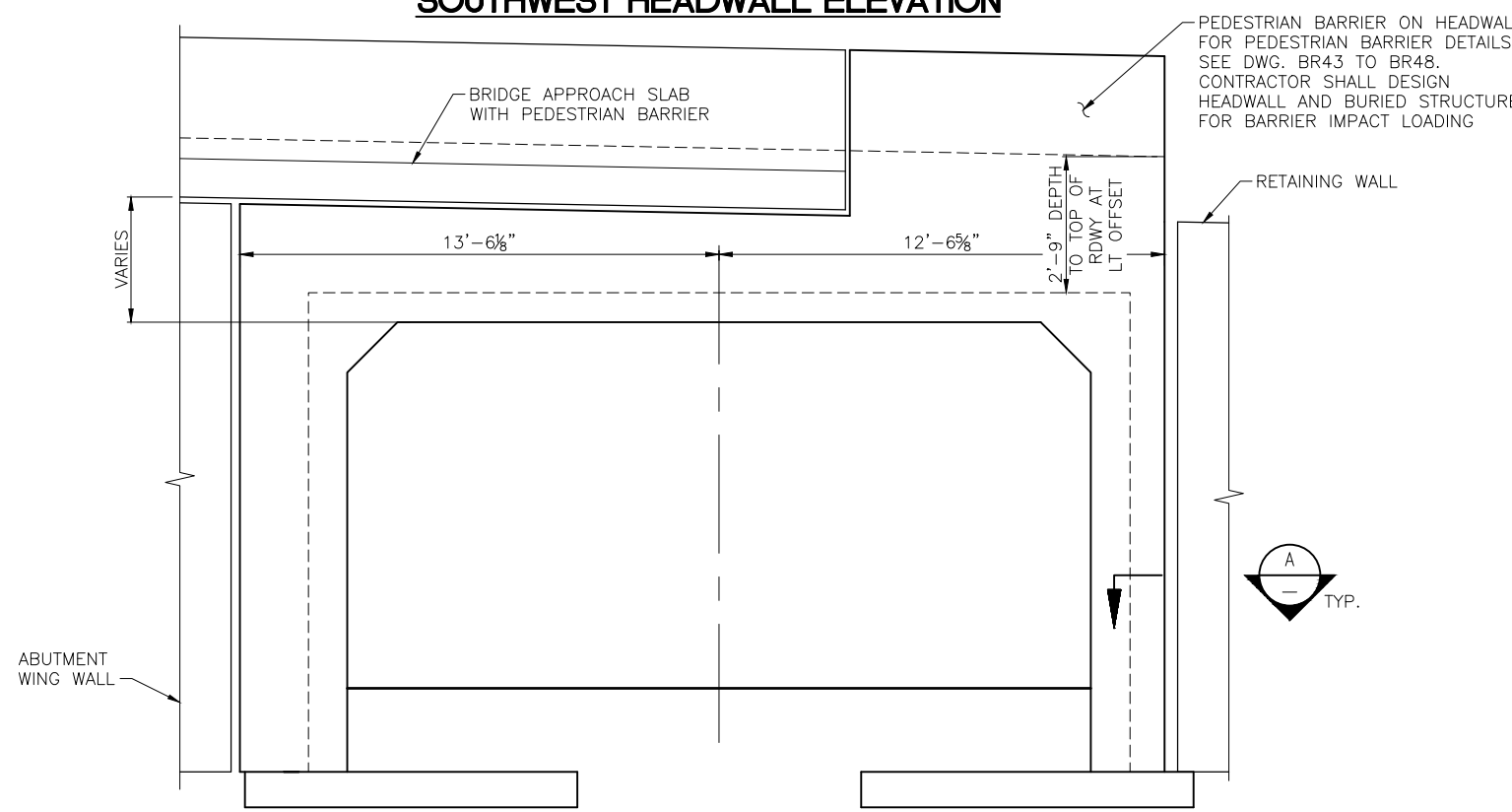
C.S 3120 ~ PROJ. NO. T42797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



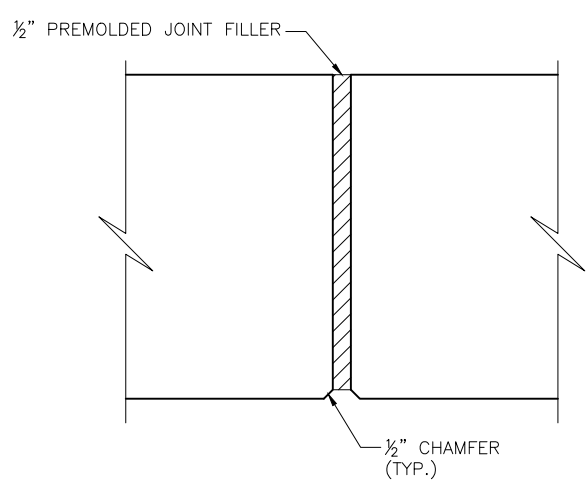
CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2
SOUTHWEST HEADWALL ELEVATION



CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2
TYPICAL SECTION



CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2
NORTHEAST HEADWALL ELEVATION



SECTION A

- NOTES:
- STRUCTURE DIMENSIONS ARE ASSUMED FROM WSDOT STANDARD PLAN E-20.20-00. CONTRACTOR IS RESPONSIBLE FOR FINAL DESIGN AND DIMENSION OF THE BURIED STRUCTURE. CLEARANCE REQUIREMENTS SHALL BE MET.
 - CONTRACTOR SHALL VERIFY FOOTING DIMENSIONS TO MEET BEARING PRESSURE AND STRUCTURAL DESIGN REQUIREMENTS.

100% REVIEW
NOT FOR CONSTRUCTION

Feb 27, 2024 - 12:29pm adhaner l:\seaw00\p\sls\60024\CADD\DS01\Drawings\STRUCT\0100156_T03.dwg Layout Name: Trail Overcrossing Sections & Details

No.	Date	Revision	By	Appr.

HNTB
HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



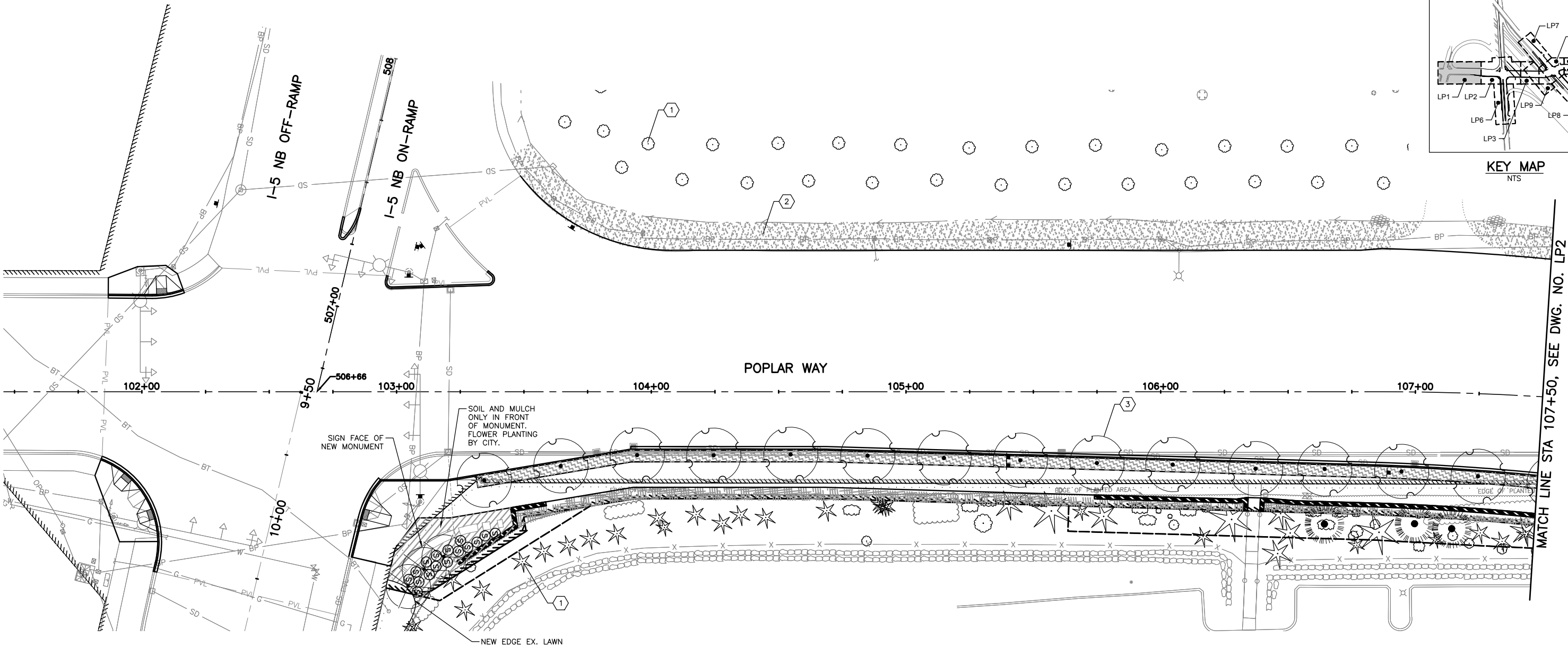
Drawn By AT
Designed By AR
Checked By EBB
Approved By
Date 2/15/24
2/15/24
2/15/24

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TRAIL OVERCROSSING
HEADWALLS AND SECTION

Drawing No. T03
Sheet No. 3 of Total

C/S 3120 ~ PROJ. NO. TA2797 ~ NORTHWEST REGION ~ I-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE

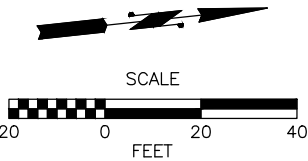


CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
- 3 NEW STREET TREE (TYPICAL)
- 4 BIKE RACK (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-14)
- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

Feb 27, 2024 - 1:28pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP1



No.	Date	Revision	By	Appr.

PERTEET
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EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 108+00
LANDSCAPE PLAN

Drawing No.	LP1
Sheet No.	281
355 of Total	

Feb 27, 2024 - 1:28pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP2

SEC. 15 & 22, T. 27 N., R. 4 E., W.M.

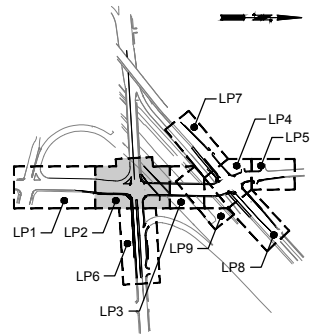
FEDERAL AID NO. IMD-STPUL-2004(037)

CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
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- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

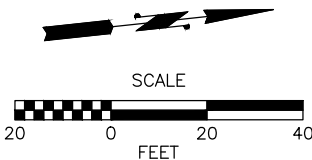
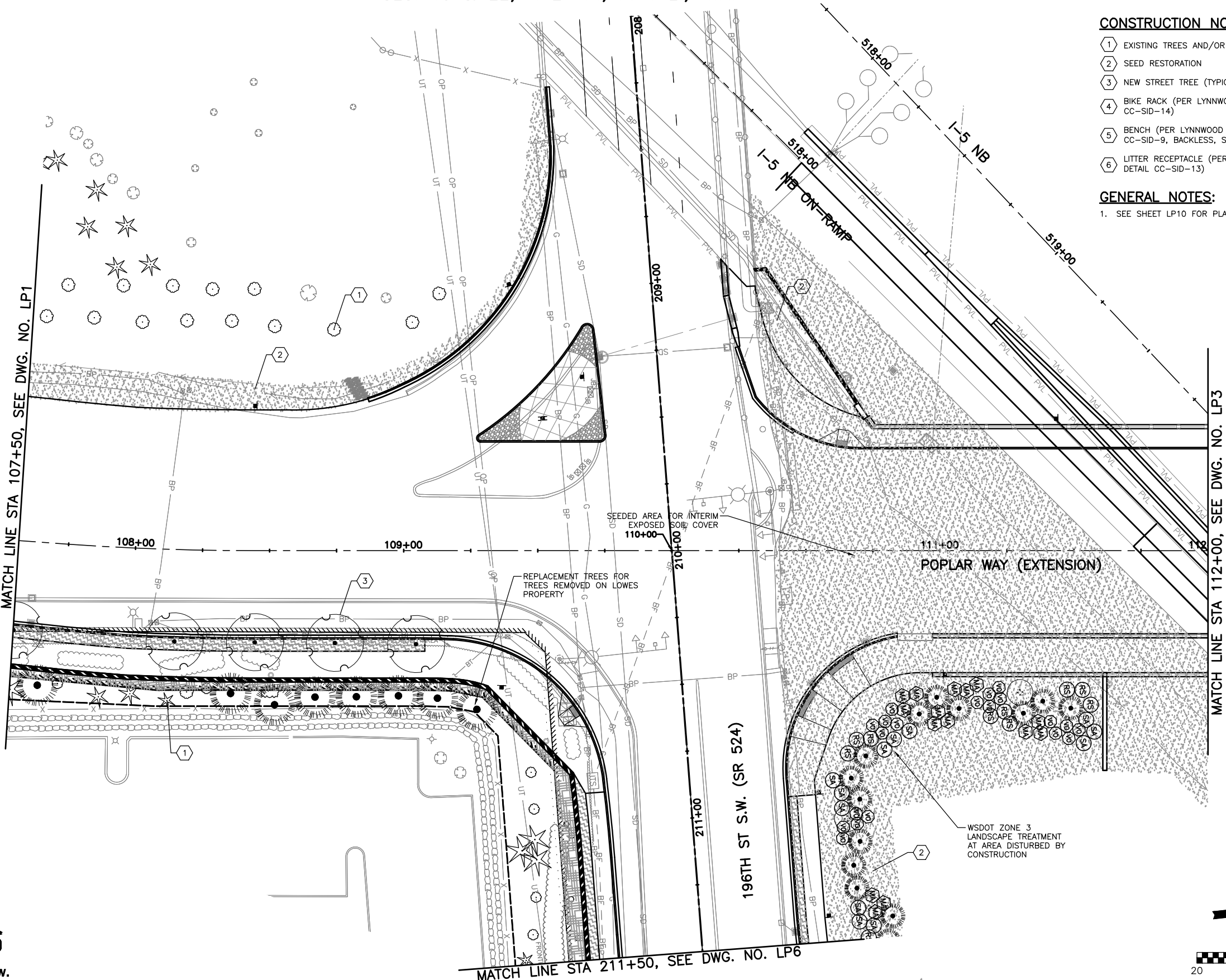
- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



KEY MAP
NTS

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS.



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No.	Date	Revision	By	Appr.

PERTEET
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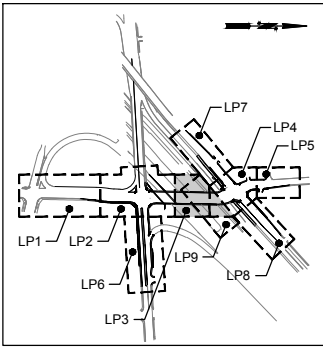


Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

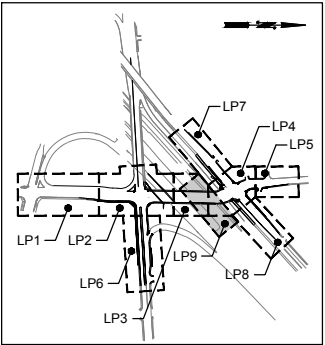
SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 108+00 TO STA 112+00
LANDSCAPE PLAN

Drawing No.
LP2
Sheet No.
282
355 of Total



KEY MAP
NTS



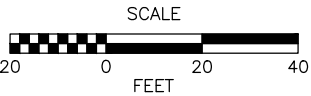
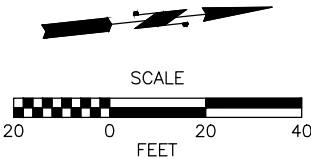
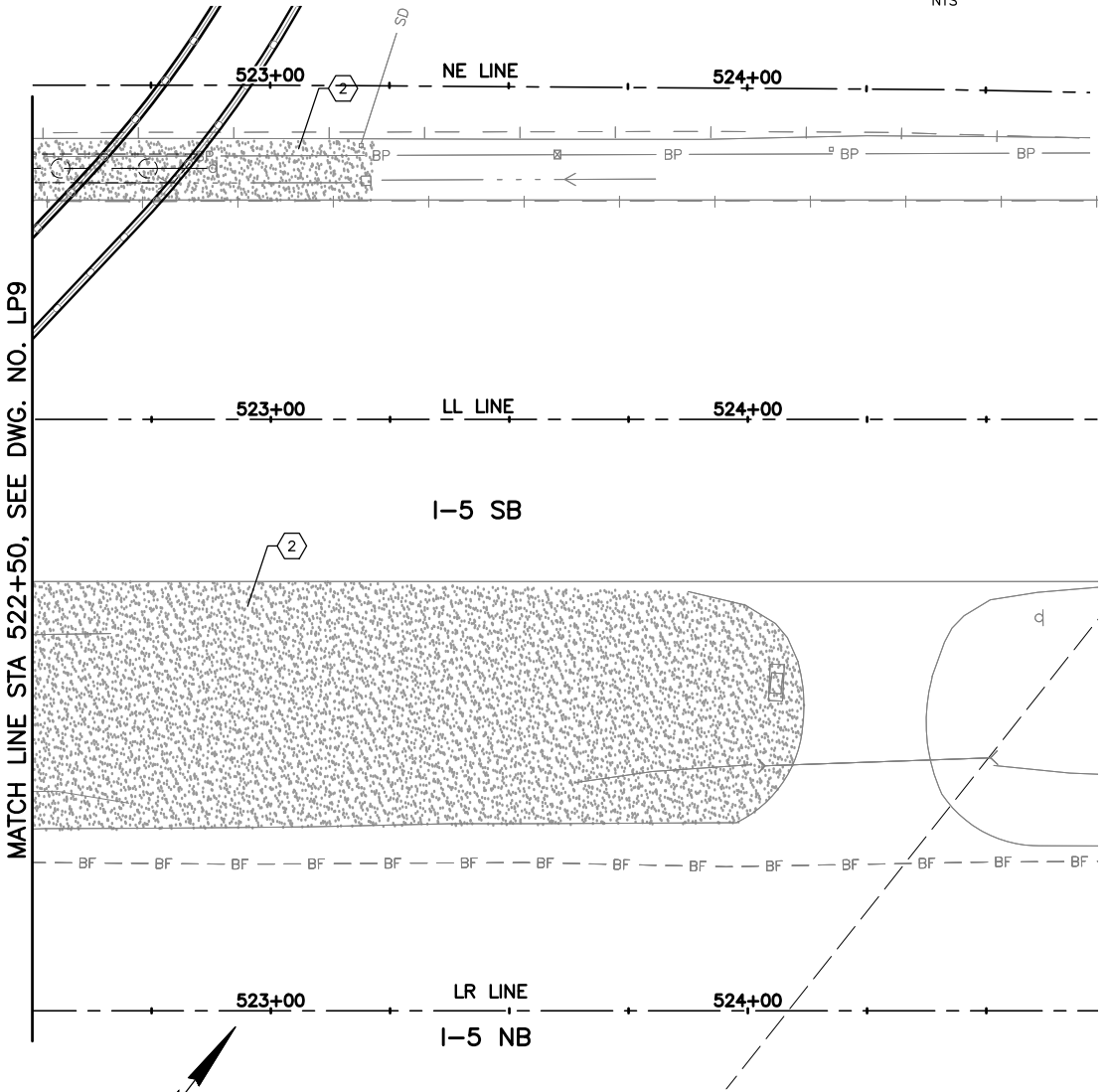
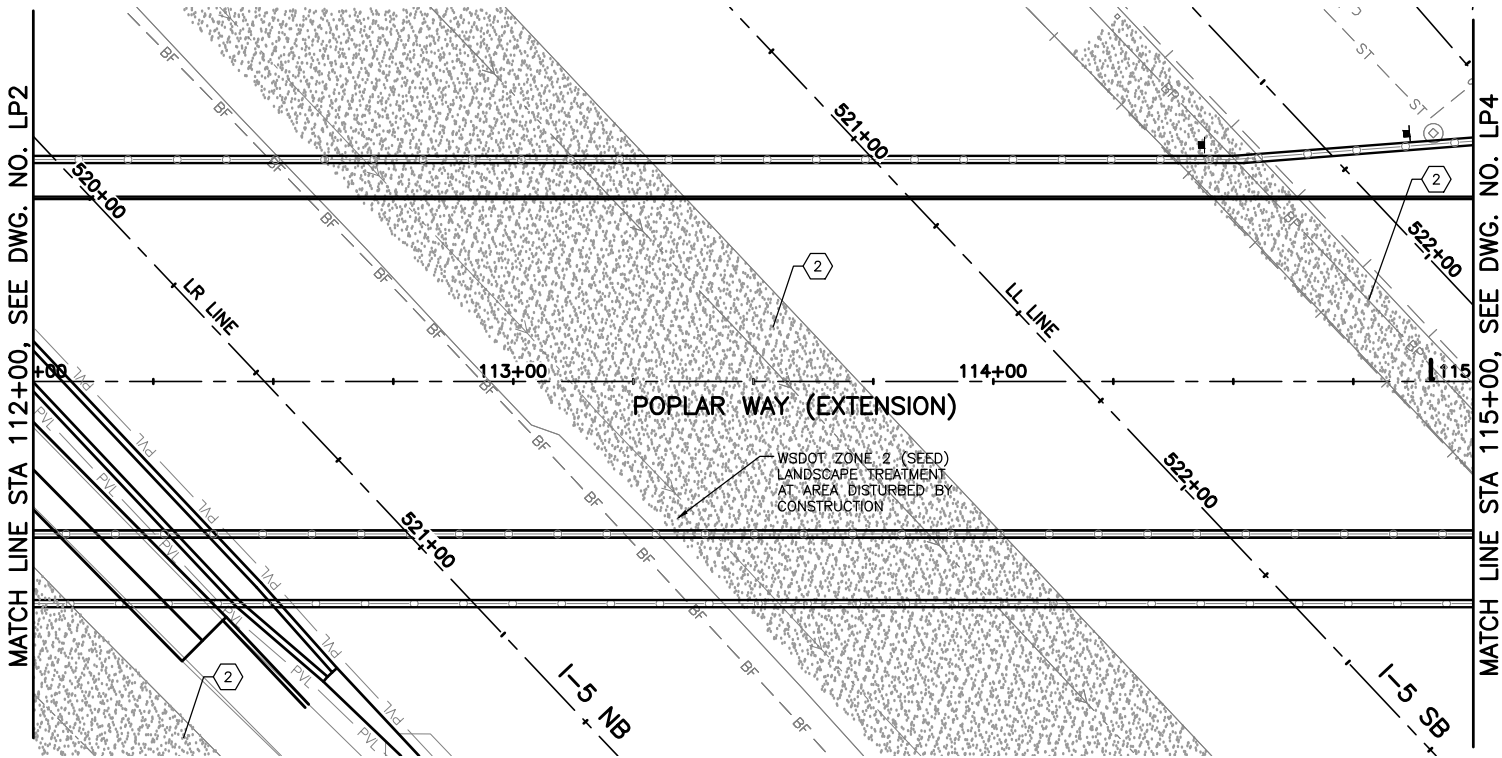
KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
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- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



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Feb 27, 2024 - 1:28pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP3



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EVERETT, WA 98201
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LYNNWOOD
WASHINGTON

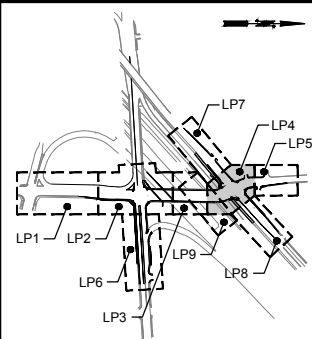


Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 112+00 TO STA 115+00
LANDSCAPE PLAN

Drawing No.
LP3
Sheet No.
283
355
of Total



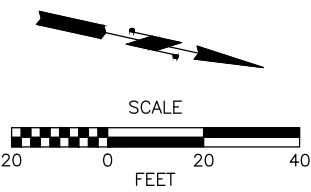
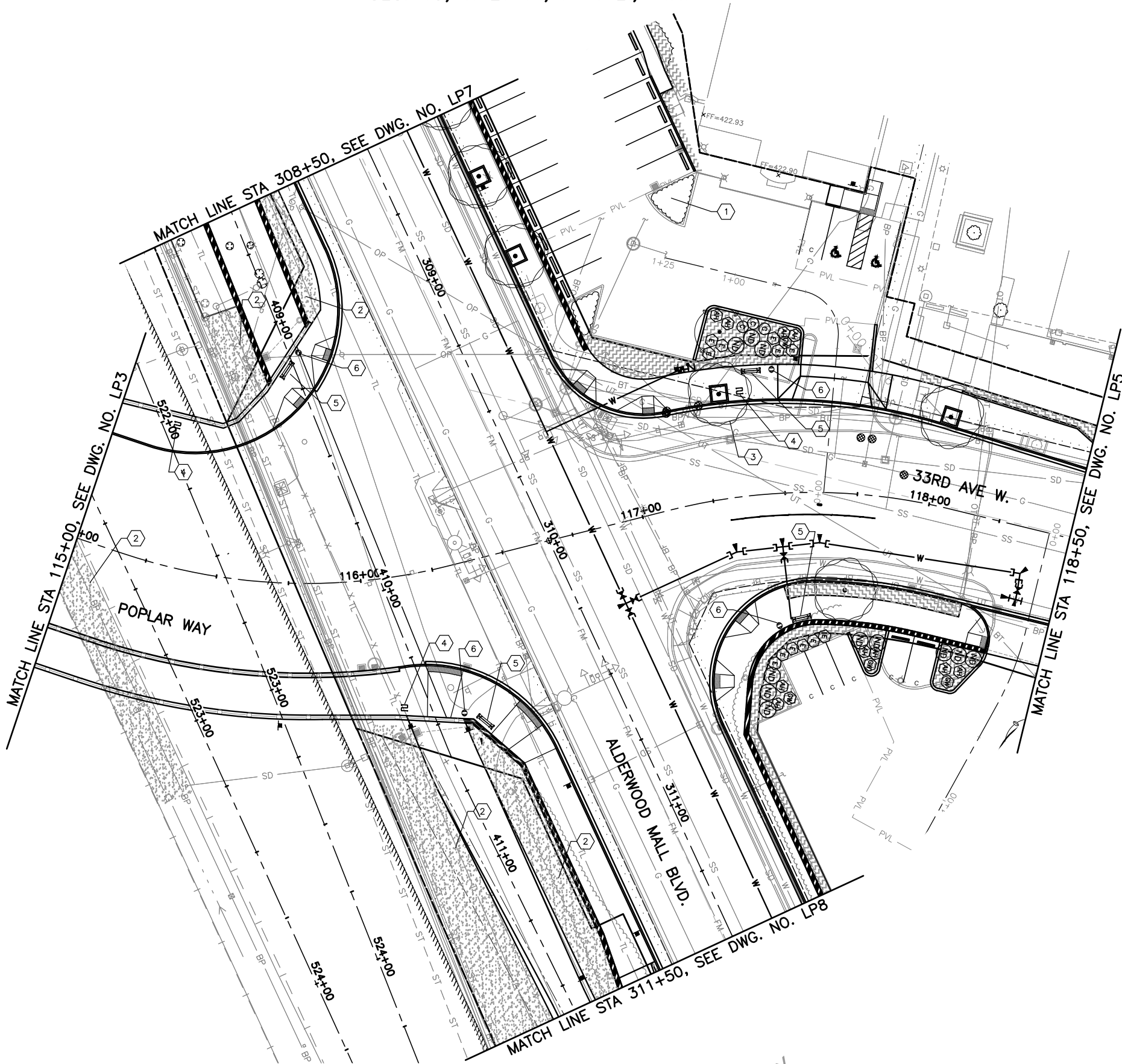
KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
- 3 NEW STREET TREE (TYPICAL)
- 4 BIKE RACK (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-14)
- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



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PERTEET
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EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



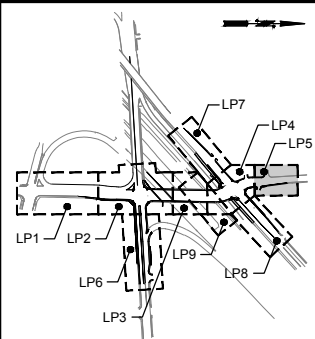
Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 115+00 TO STA 118+50
LANDSCAPE PLAN

Drawing No.	LP4
Sheet No.	284
355 of Total	

Feb 27, 2024 - 1:28pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP4



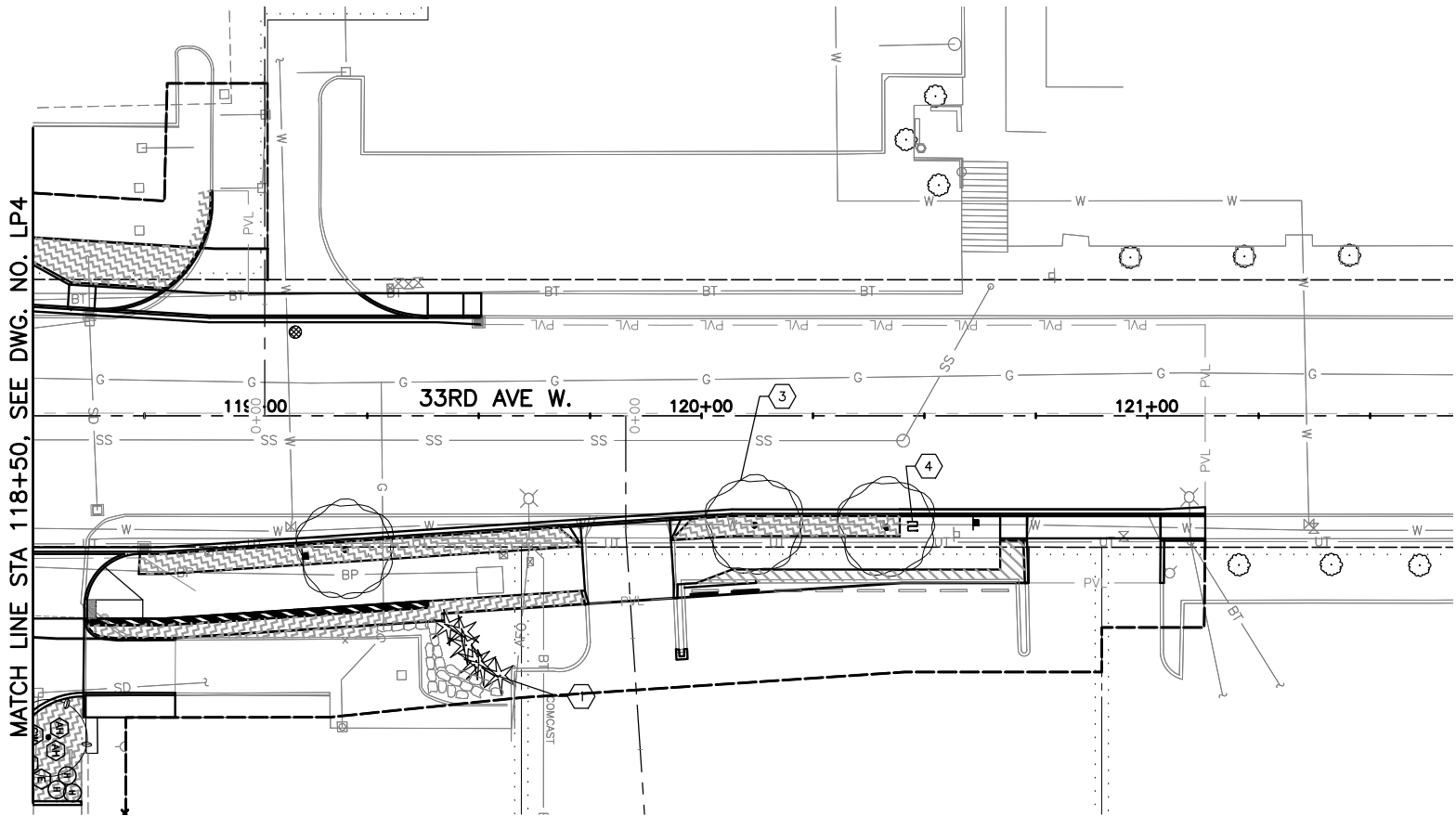
KEY MAP
NTS

CONSTRUCTION NOTES:

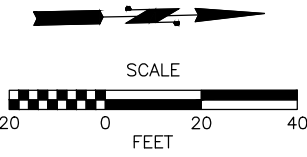
- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
- 3 NEW STREET TREE (TYPICAL)
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- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



MATCH LINE STA 118+50, SEE DWG. NO. LP4



100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

Feb 27, 2024 - 1:28pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP5

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON

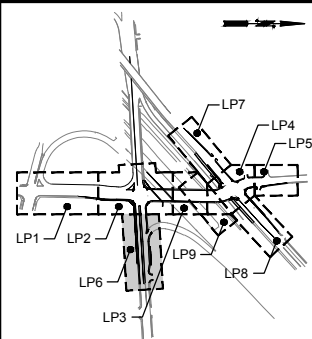


Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+50 TO E.O.P.
LANDSCAPE PLAN

Drawing No.
LP5
Sheet No.
285 355
of Total



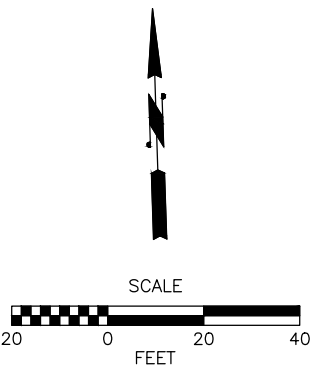
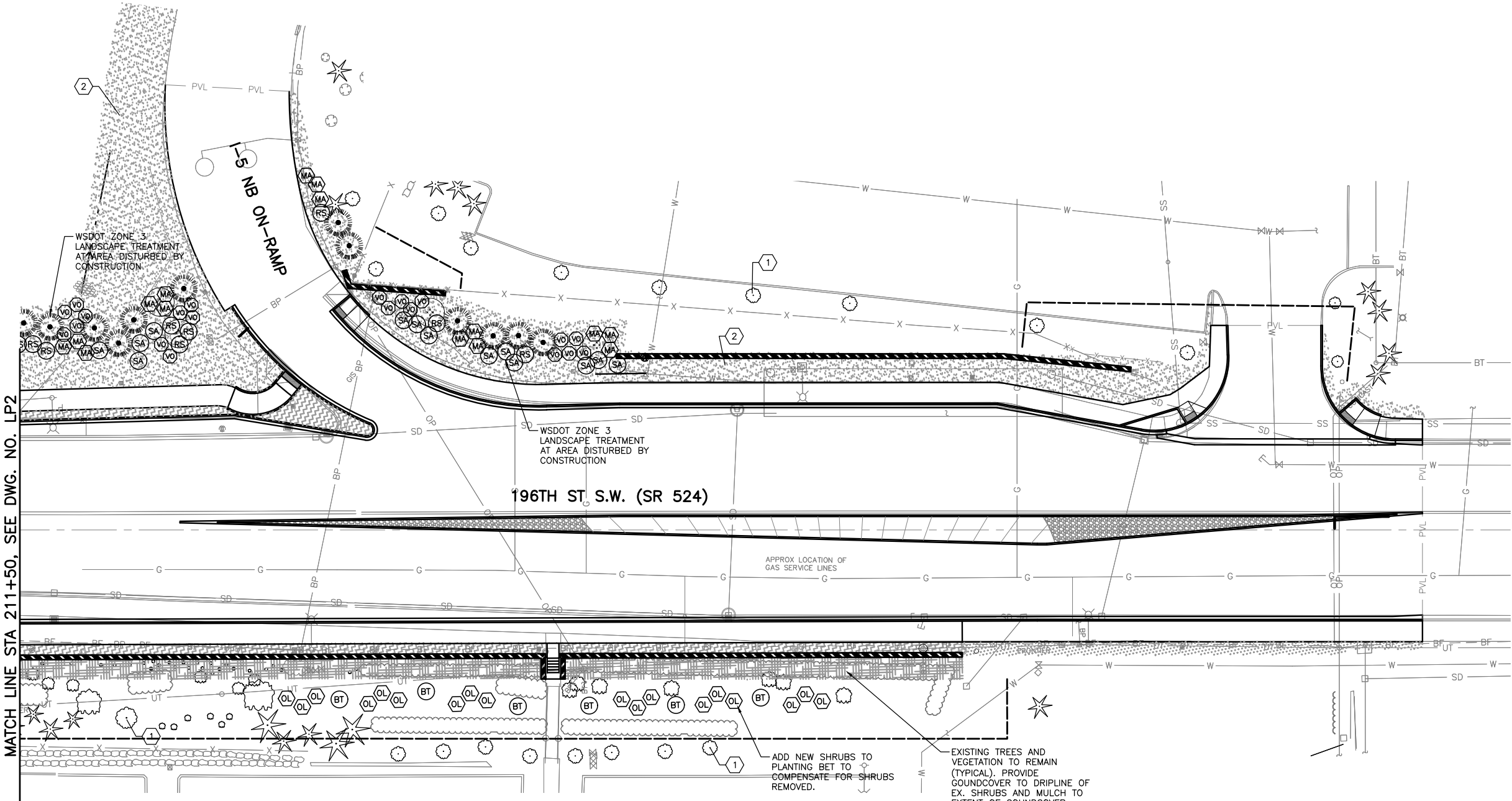
KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
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- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



100% PLANS
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Feb 27, 2024 - 11:28pm X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 LP.dwg Layout Name: LP6



PERTEET
2707 COLBY AVENUE, SUITE 900
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425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



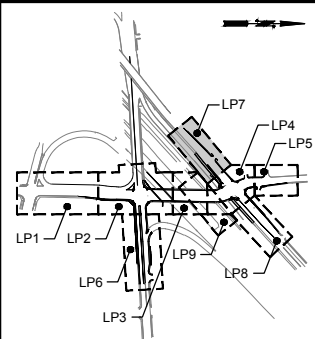
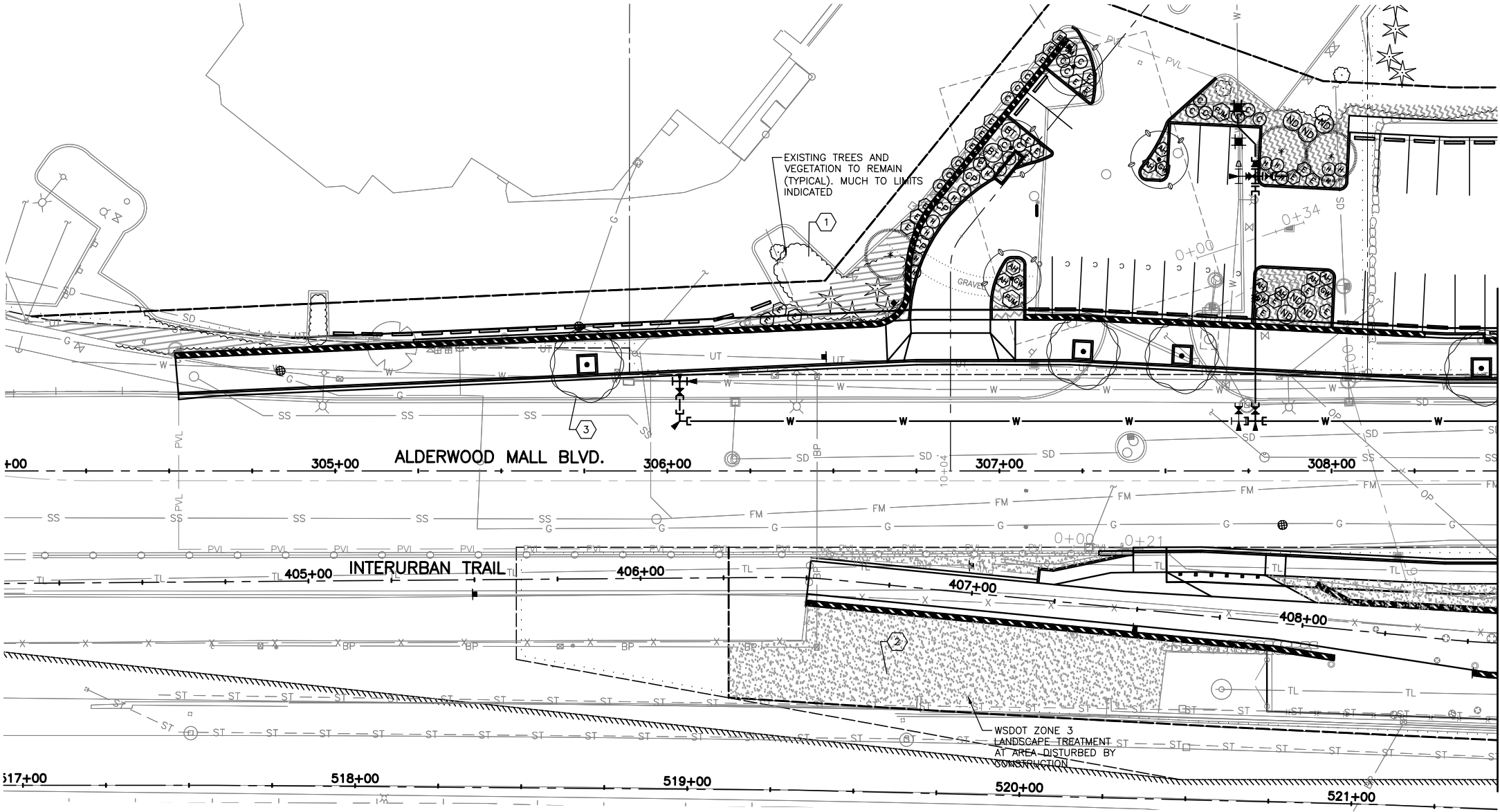
Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES	Date	2/2024
Checked By	V. WEN	Date	2/2024
Approved By	V. WEN	Date	2/2024

SCALE	1"=20'
Horiz	1"=20'
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 211+50 TO STA E.O.P.
LANDSCAPE PLAN

Drawing No.	LP6
Sheet No.	286
355 of Total	

No.	Date	Revision	By	Appr.



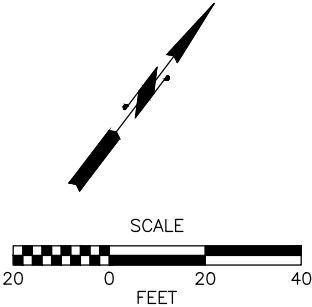
KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
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- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



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PERTEET
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EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



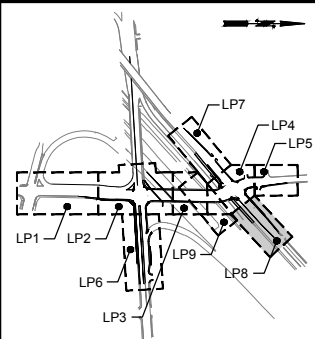
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

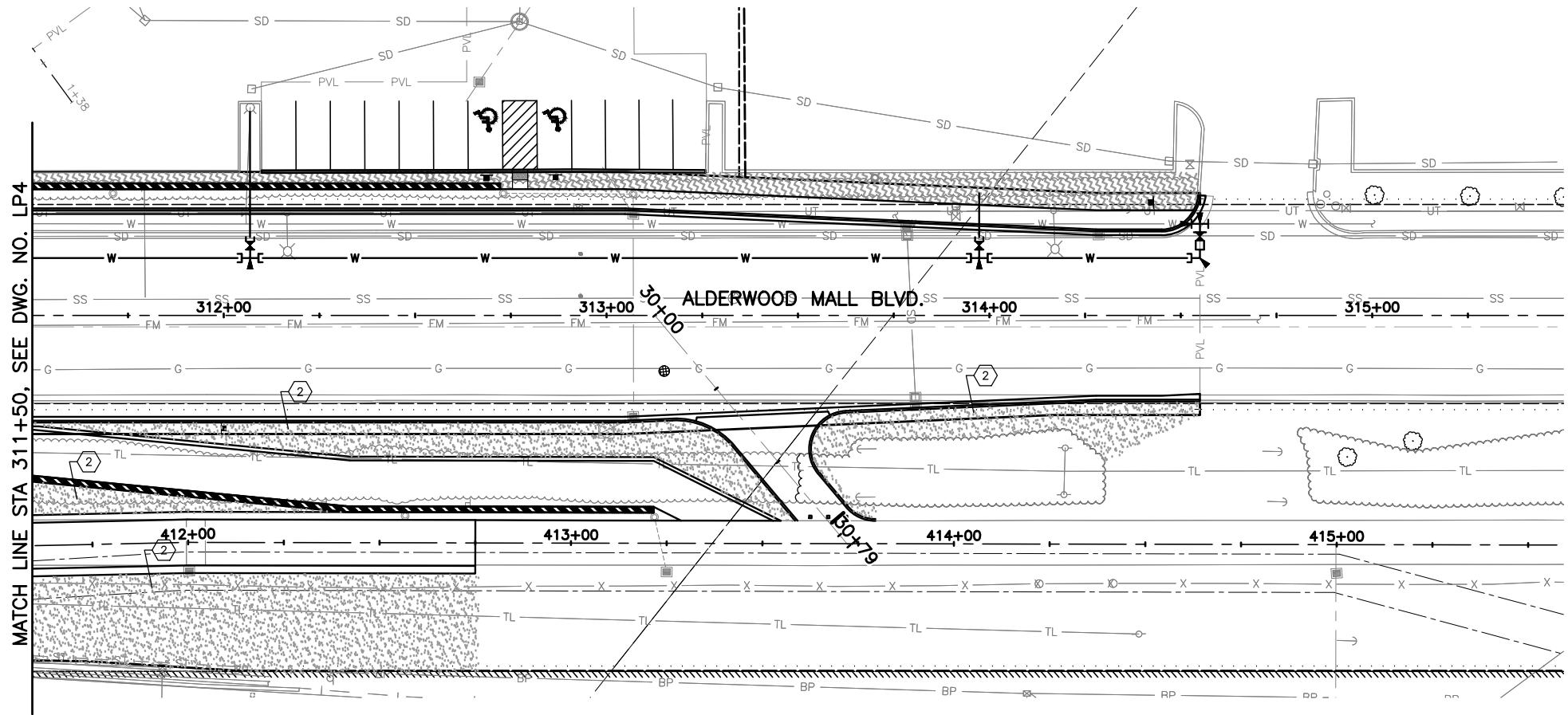
SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
LANDSCAPE PLAN

Drawing No.
LP7
Sheet No.
287
355
of Total



KEY MAP
NTS

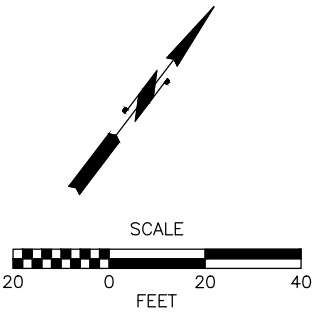


CONSTRUCTION NOTES:

- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
- 3 NEW STREET TREE (TYPICAL)
- 4 BIKE RACK (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-14)
- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION



PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+50 TO E.O.P.
LANDSCAPE PLAN

Drawing No.
LP8
Sheet No.
288
355
of Total

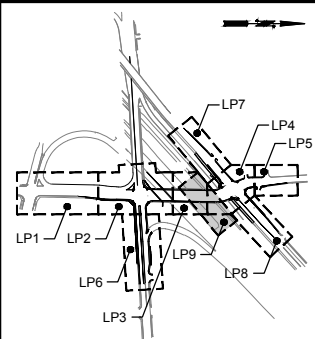
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CONSTRUCTION NOTES:

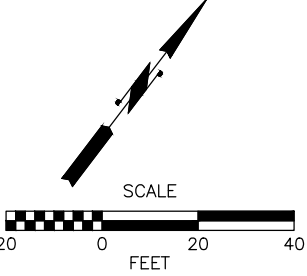
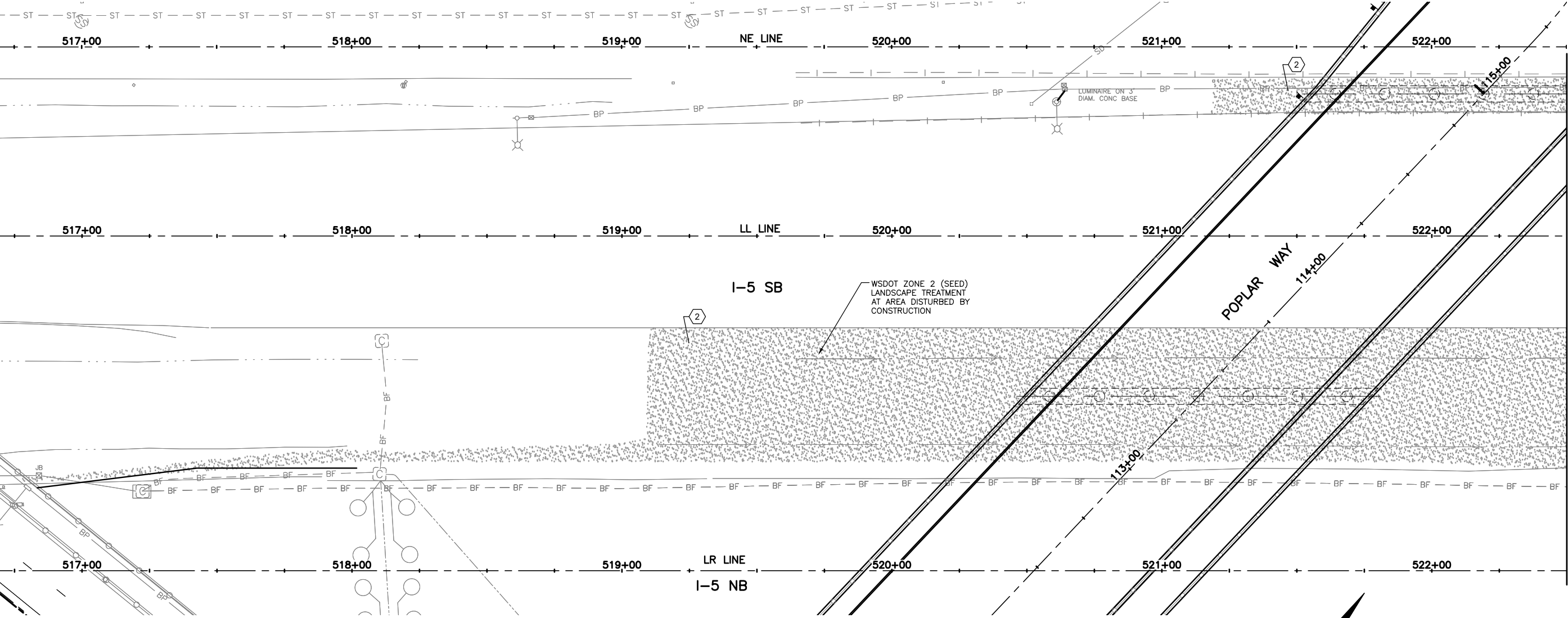
- 1 EXISTING TREES AND/OR VEGETATION TO REMAIN (TYPICAL)
- 2 SEED RESTORATION
- 3 NEW STREET TREE (TYPICAL)
- 4 BIKE RACK (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-14)
- 5 BENCH (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-9, BACKLESS, SURFACE MOUNT)
- 6 LITTER RECEPTACLE (PER LYNNWOOD CITY CENTER STANDARD DETAIL CC-SID-13)

GENERAL NOTES:

- 1. SEE SHEET LP10 FOR PLANT SCHEDULE AND DETAILS



KEY MAP
NTS



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No.	Date	Revision	By	Appr.

PERTEET
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EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
I-5 GUARDRAIL PLAN
LANDSCAPE PLAN

Drawing No.	LP9
Sheet No.	289
of Total	355

PLANT SCHEDULE

SEC. 15, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

TREES

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SPACING	QTY.	SIZE (MIN.)	NOTES
	AMELANCHIER LAEVIS 'JFS-ARB'	SPRING FLURRY SERVICEBERRY	30' O.C.	12	2" CAL.	SINGLE TRUNK, MATCHED, 6' CLEAR CANOPY
	ACER RUBRUM 'KARPICK'	KARPICK MAPLE	30' O.C.	19	2" CAL.	SINGLE TRUNK, MATCHED, 6' CLEAR CANOPY
	CERCIS CANADENSIS 'HEARTS OF GOLD'	EASTERN REDBUD	8' O.C.	3	1" CAL.	MATCHED
	PYRUS CALLERYANA 'CHANTICLEER'	FLOWERING PEAR	AS SHOWN	6	2" CAL.	SINGLE TRUNK, MATCHED, 6' CLEAR CANOPY
	THUJA PLICATA 'EXCELSA'	EXCELSA RED CEDAR	AS SHOWN	11	8' HT. MIN.	FULL, SINGLE LEADER.
	THUJA PLICATA 'EXCELSA'	EXCELSA RED CEDAR	AS SHOWN	25	5 GAL.	FULL, SINGLE LEADER.
	PINUS NIGRA	AUSTRIAN PINE	AS SHOWN	3	8' HT. MIN.	FULL, SINGLE LEADER.
	ACER CIRCINATUM	VINE MAPLE	AS SHOWN	7	4' HT. MIN.	MULTI-STEM CLUMP

SHRUBS

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SPACING	QTY.	SIZE (MIN.)	NOTES
	AZALEA HINO CRIMSON	HINO CRIMSON AZALEA	3' O.C.	20	2 GAL.	FULL
	AZALEA GUMPO WHITE	GUMPO WHITE AZALEA	3' O.C.	10	2 GAL.	FULL
	CORNUS SERICEA 'KELSEY'	DWARF RED-OSIER DOGWOOD	3' O.C.	22	1 GAL.	MULTI-CANE
	CISTUS X PURPUREUS	PURPLE ROCK ROSE	4' O.C.	3	5 GAL.	FULL
	NANDINA DOMESTICA 'GULF STREAM'	GULF STREAM NANDINA	4' O.C.	17	5 GAL.	FULL
	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	4' O.C.	40	1 GAL.	FULL
	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN LAUREL	2'-3' O.C.	18	5 GAL.	FULL
	ERICA C. 'SPRINGWOOD PINK'	PINK HEATH	2'-3' O.C.	40	1 GAL.	FULL
	BERBERIS THUNBERGII 'ROSE GLOW'	ROSE GLOW BARBERRY	5' O.C.	8	5 GAL.	FULL
	RHODODENDRON PJM COMPACTA	DWARF PJM RHODODENDRON	5' O.C.	3	21" HT.	FULL
	CAREX COMANS 'FROSTED CURLS'	NEW ZEALAND HAIR SEDGE	3' O.C.	0	1 GAL.	FULL
	HEMEROCALLIS FULVA	DAYLILY	2'-3' O.C.	17	1 GAL.	FULL
	SYMPHORICARPOS ALBUS	SNOWBERRY	4' O.C.	25	1 GAL.	FULL
	MAHONIA AQUIFOLIUM	OREGON GRAPE	4' O.C.	30	1 GAL.	FULL
	RIBES SANGUINEUM	FLOWERING CURRANT	4' O.C.	18	1 GAL.	FULL
	SPIRAEA JAPONICA 'SHIROBANA' (1ST CHOICE) OR 'LITTLE PRINCESS'	JAPANESE SPIRAEA	3' O.C.	16	5 GAL.	FULL

GROUNDCOVERS

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SPACING	AREA (SF)	QTY.	UNIT	NOTES
	ARCTOSTAPHYLOS UVA-URSI	KINKKINNICK	24" O.C.	20,500	7,000	1 GAL.	FUL
	MAHONIA NERVOSA	DULL OREGON GRAPE	24" O.C.	4,700	1,270	1 GAL.	FUL
	SEED AT EXPOSED SOIL AREAS			95,400	SAME	SF	ON 6" DEPTH TOPSOIL
	MULCH ONLY (3" DEPTH)			1500	15	CY, SPREAD	ON 6" DEPTH TOPSOIL
	SOD			1500	SAME	SF	ON 6" DEPTH TOPSOIL

SEED MIX

(ALL EXPOSED SOILS OUTSIDE OF PLANTING AREAS SHALL BE SEEDED)

SCIENTIFIC NAME:	COMMON NAME:	% WEIGHT	% PURITY	% GERMINATION
AGROSTIS ALBA OR AGROSTIS OREGONENSIS	REDTOP OR OREGON BENTGRASS	20	92	85
FESTUCA RUBRA	RED FESCUE	70	98	90
TRIFOLIUM REPENS	WHITE DUTCH CLOVER	10	98	90

SEED APPLICATION RATE: 120 LBS/ACRE
APPLICATION METHOD: HYDROSEED

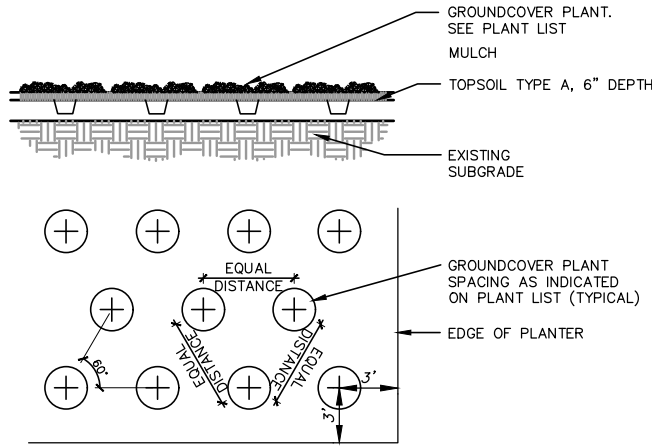
SEED MIX REFERENCE: WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOLUME II - CONSTRUCTION STORMWATER POLLUTION PREVENTION, TABLE 4.6.

TREE REMOVAL/ REPLACEMENT NOTES

- TOTAL EVERGREEN TREES REMOVED FOR PROJECT = 18 CONIFERS (PRIMARILY CEDAR, D. FIR AND PINE, 4"-16" DBH)
- TOTAL DECIDUOUS TREES REMOVED FOR PROJECT = 51 STANDARD STREET TREES (OAK, MAPLE, AND CHERRY, 3"-15" DBH)
- TOTAL EVERGREEN TREES PROVIDED = 36
- TOTAL DECIDUOUS TREES PROVIDED = 56

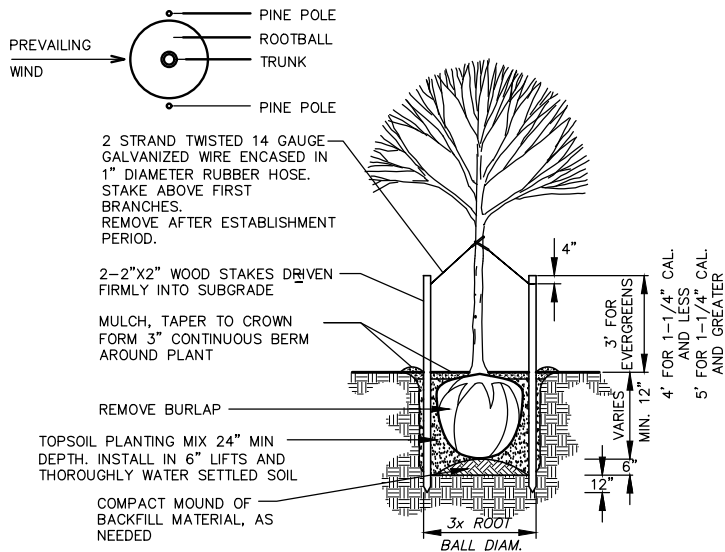
GENERAL PLANTING NOTES

- ON-SITE SOIL MIXING OR PLACEMENT NOT ALLOWED WHEN SOIL IS SATURATED, FROZEN, OR IN THE OPINION OF THE ENGINEER, IN A CONDITION DETRIMENTAL TO THE WORK.
- LANDSCAPE PLANTING AREAS (ALL SHRUB AND GROUNDCOVER AREAS) SHALL RECEIVE 6" DEPTH TOPSOIL TYPE A AND MIN. 3" DEPTH OF MEDIUM BARK MULCH AFTER PLANTING.
- AFTER PLANTING, IMMEDIATELY SATURATE ALL PLANTING PITS TO ELIMINATE AIR POCKETS AND FACILITATE SETTLING OF BACKFILL MATERIAL.
- ROOT MASSES OF CONTAINERIZED STOCK SHOULD BE "SCORED" WITH A SHARP OBJECT TO INSURE THE PLANTS WILL NOT BECOME ROOT BOUND.
- ANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
- LANDSCAPE PLANTING SHALL BE INSTALLED AFTER SITE WORK IS DONE, INCLUDING ROADS UTILITIES, DRIVEWAYS, ETC.
- PROVIDE GROUNDCOVER PER PLAN TO DRIPLINES OF NEW AND EXISTING SHRUBS GROUNDCOVERS.
- HYDROSEED ALL EXPOSED SOIL AREAS CAUSED BY UTILITY INSTALLATION AND CONSTRUCTION ACTIVITIES THAT OCCUR OUTSIDE OF SHRUB AND GROUNDCOVER AREAS AND IF NOT OTHERWISE HATCHED TO BE SEEDED PER LANDSCAPE PLAN.
- SEE SPEC FOR BIDDER PROVIDED IRRIGATION AT COMMERCIAL PROPERTIES NORTH OF ALDERWOOD MALL BLVD. AUTOMATIC IRRIGATION TO BE PROVIDED BY BIDDER DESIGN AND SHALL REQUIRE BACKFLOW PROTECTION. SEE SPEC. IRRIGATION SHALL BE OPERATIONAL FOR AT LEAST TWO YEARS.
- SEE IRRIGATION PLANS FOR MEDIANS AND STREET TREE IRRIGATION AND FOR RESTORATION OF LOWES IRRIGATION.
- CONTRACTOR TO PROVIDE WATERING FOR ESTABLISHMENT AT ALL OTHER LANDSCAPE AREAS FOR DURATION OF PLANT ESTABLISHMENT PERIOD.
- TREE STAKING SHALL BE MAINTAINED DURING THE 1ST YEAR BY CONTRACTOR AS PART OF SPECIFIED MAINTENANCE TERMS IN CONTRACT. ALL CONTRACT PLANTING MAINTENANCE AND ESTABLISHMENT STANDARDS AND PROCEDURES, INCLUDING THOSE RELATED TO POSTING AND RELEASING THE BOND, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



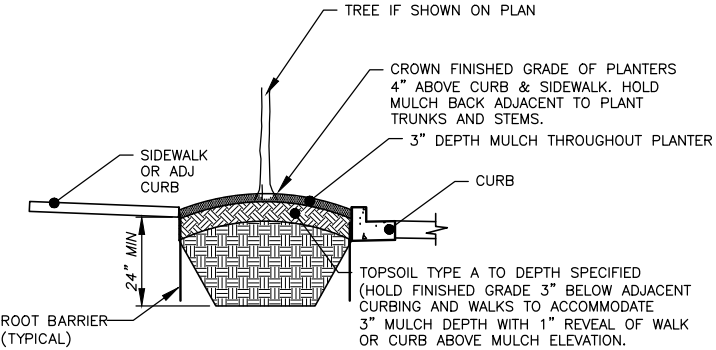
TYPICAL GROUNDCOVER SPACING DETAIL

N.T.S.



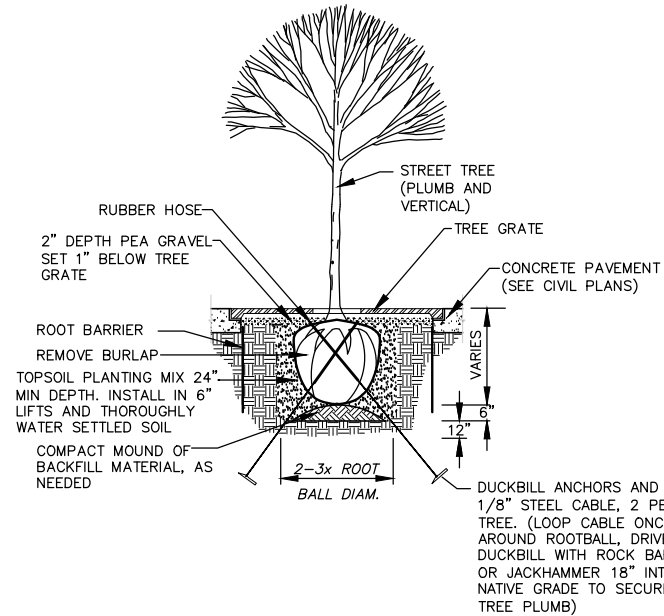
TYPICAL TREE PLANTING DETAIL

N.T.S.



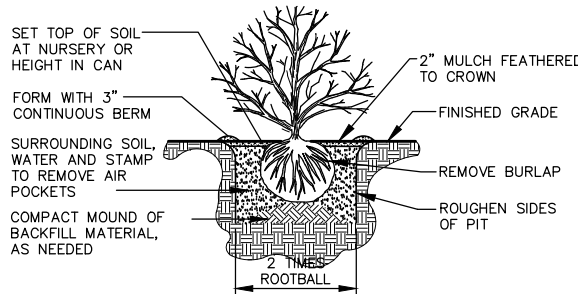
TYPICAL PLANTING BED DETAIL

N.T.S.



TYPICAL TREE GRATE PLANTING DETAIL

N.T.S.



TYPICAL SHRUB PLANTING DETAIL

N.T.S.

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LYNNWOOD
WASHINGTON



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
LANDSCAPE PLAN

Drawing No.

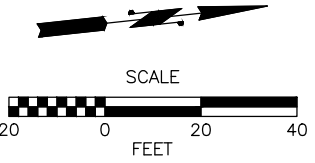
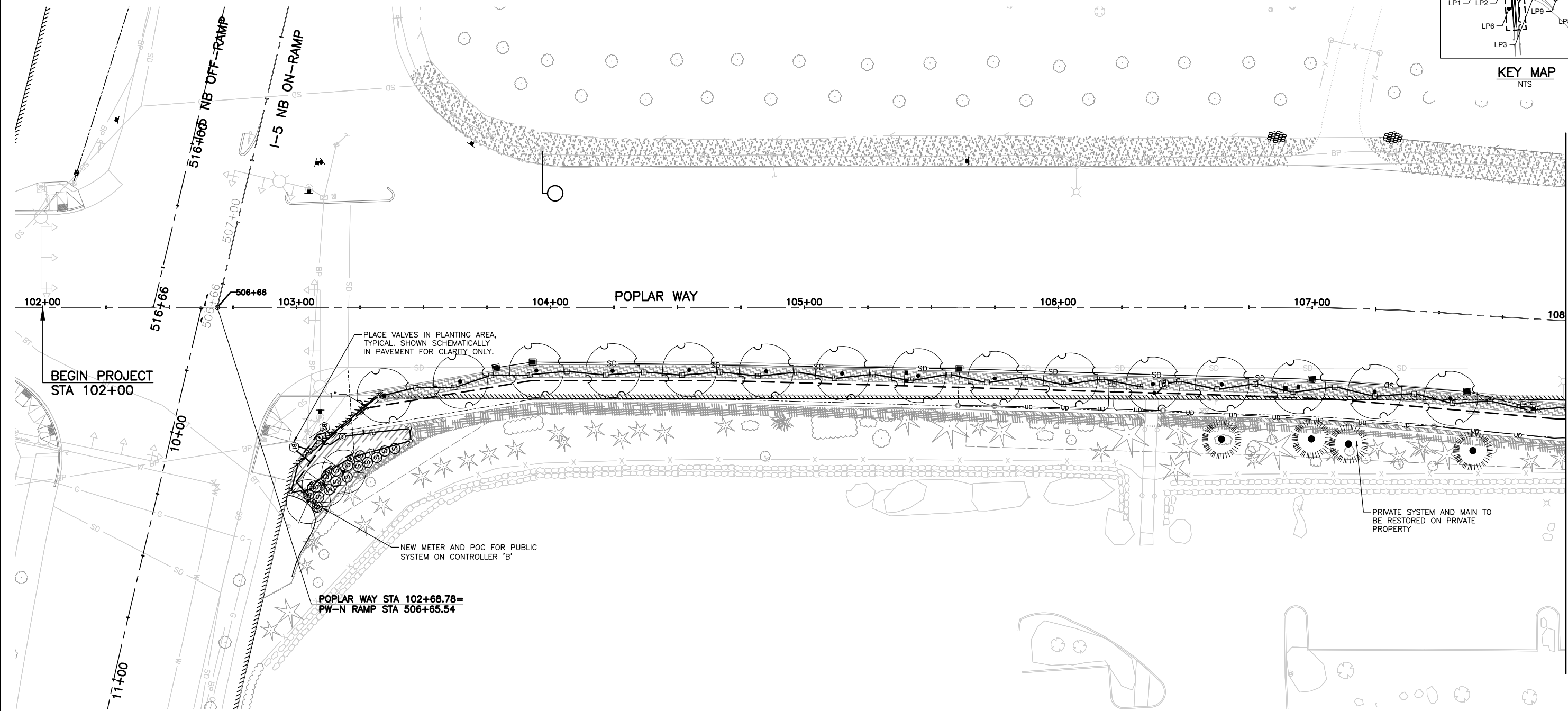
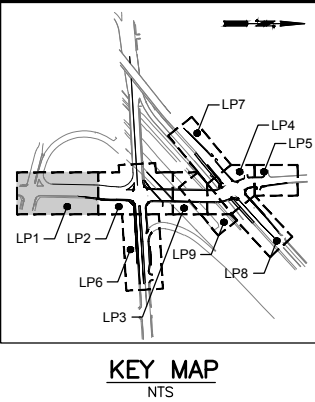
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Sheet No.

290 355

of Total

CONSTRUCTION NOTES:
1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.



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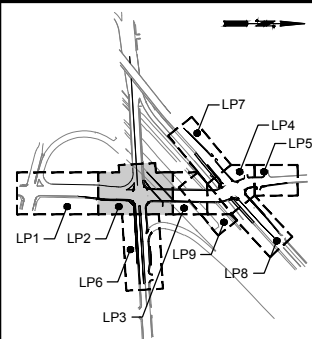
STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

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Project Number 20100156

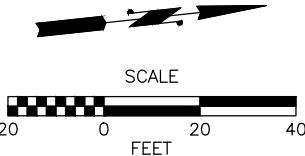
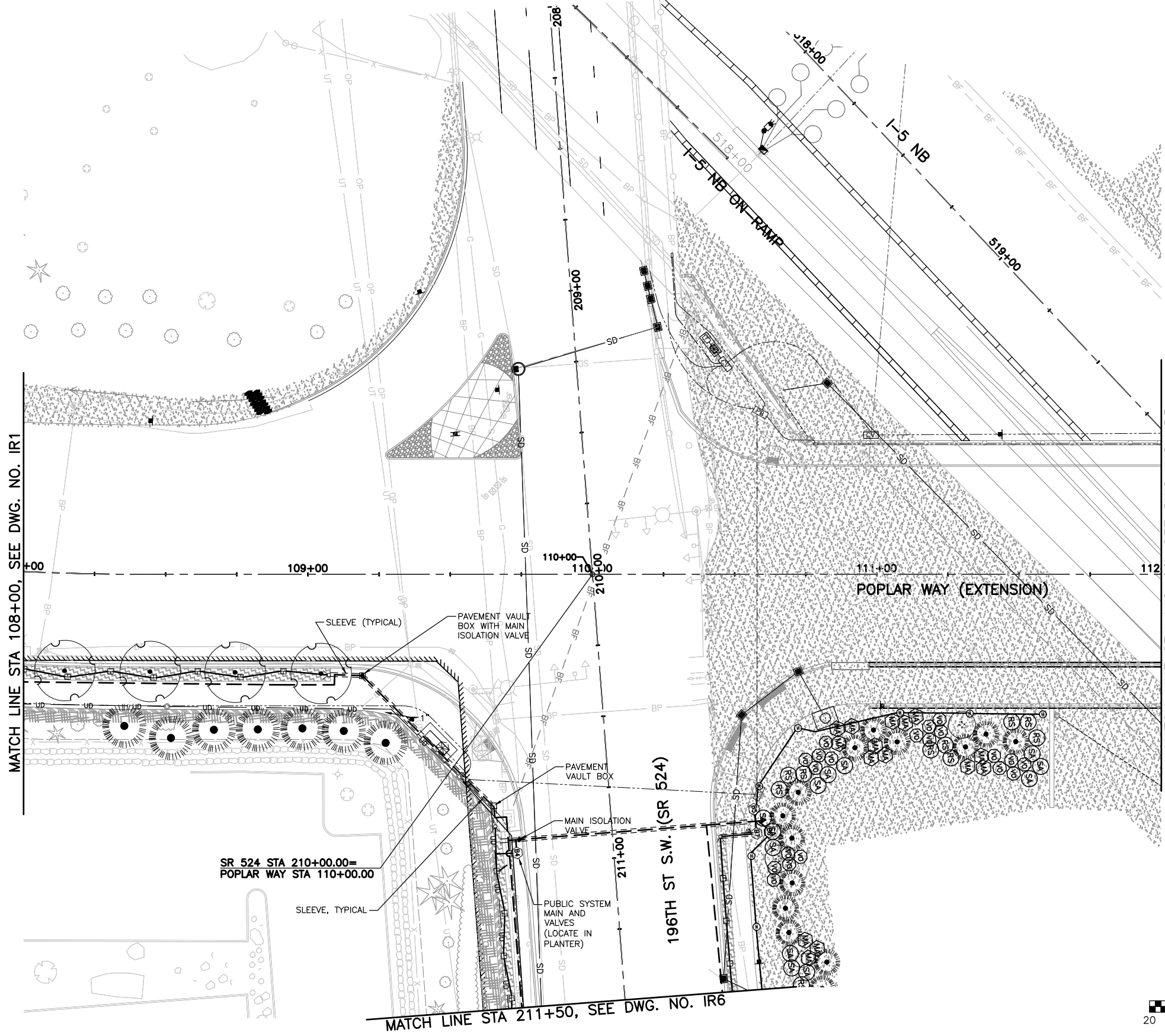
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 108+00
IRRIGATION PLAN

Drawing No.
IR1
Sheet No.
291
355 of Total



KEY MAP
NTS

CONSTRUCTION NOTES:
1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.



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JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By	S. DELAVARPOUR	Date	2/2024
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Checked By	V. WEN	Date	2/2024
Approved By	V. WEN	Date	2/2024

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Project Number 20100156

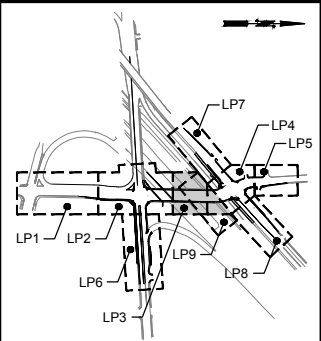
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 108+00 TO STA 112+00
IRRIGATION PLAN

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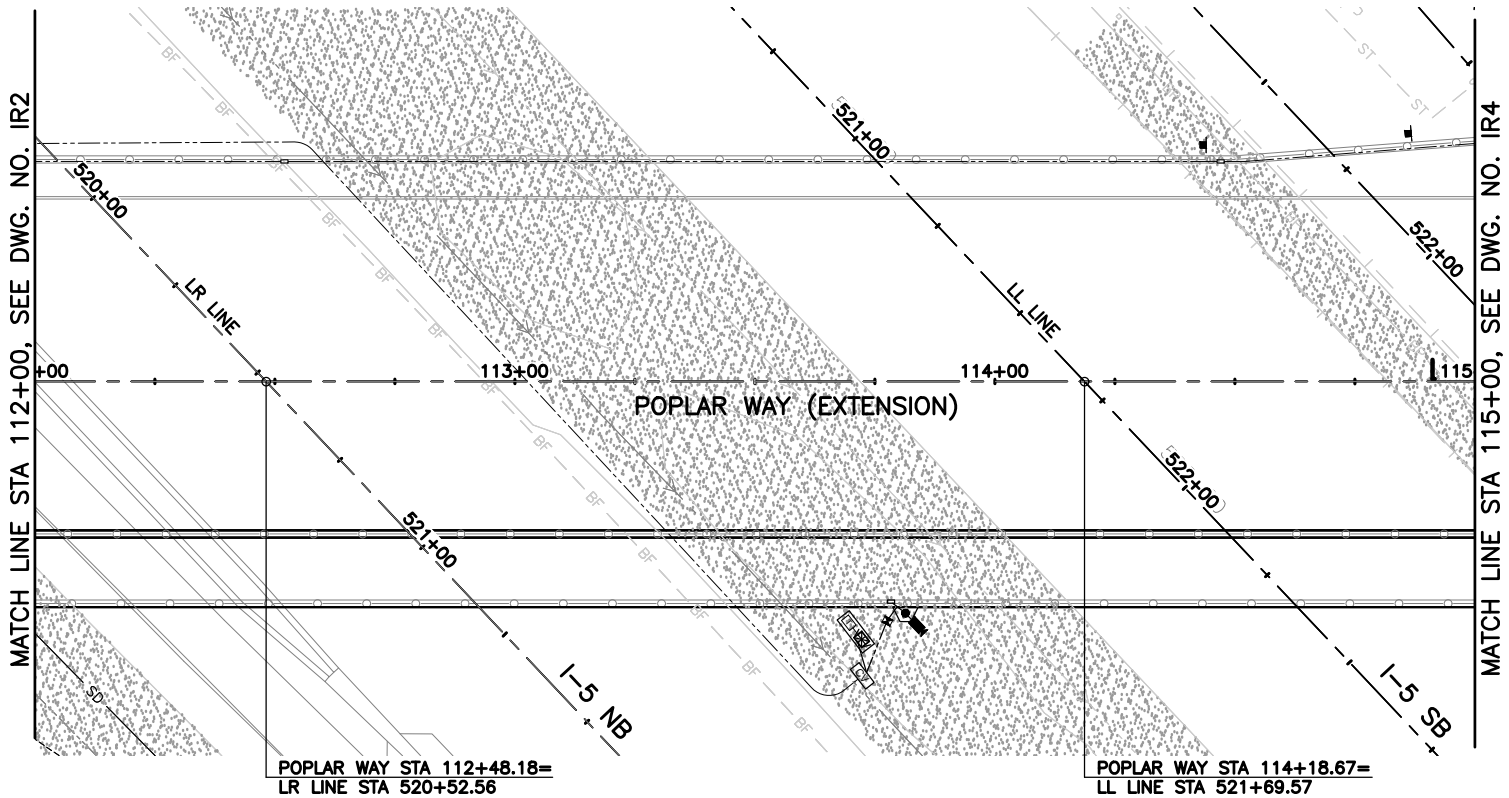
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811
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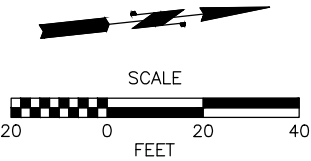


GENERAL NOTES:

- 1. NO AUTOMATIC IRRIGATION THIS SHEET
- 2. SEE SPECIFICATIONS FOR WATERING REQUIREMENTS FOR PLANT ESTABLISHMENT.



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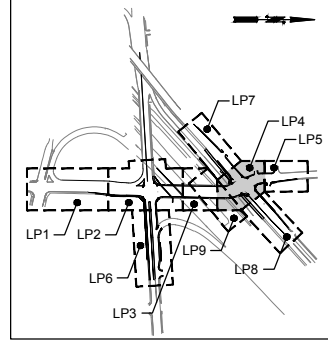
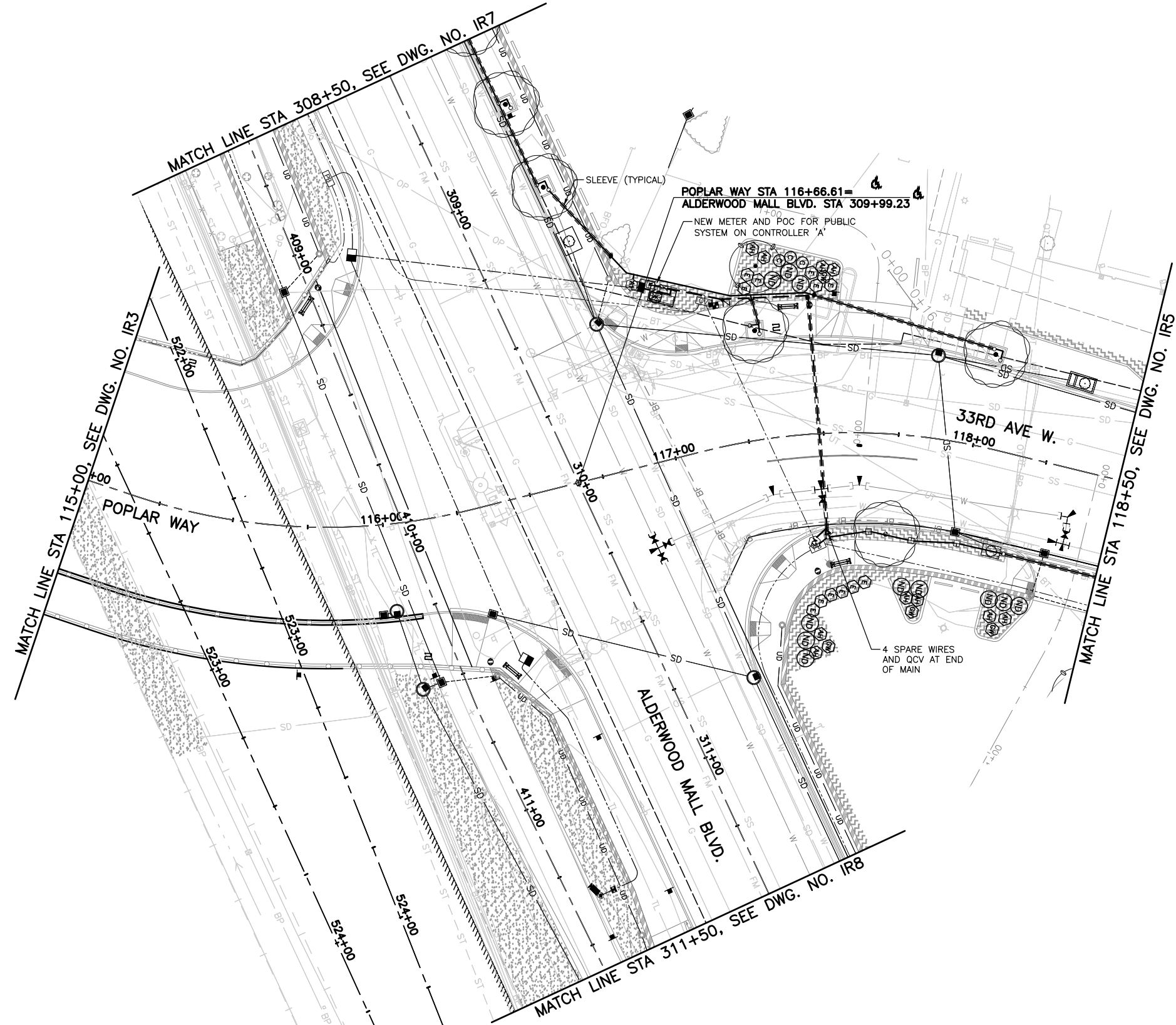
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S. DELAVARPOUR
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E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
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SCALE
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Project Number
20100156

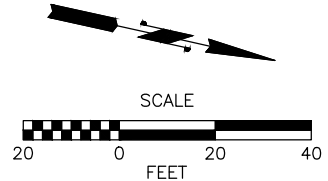
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 112+00 TO STA 115+00
IRRIGATION PLAN

Drawing No.
IR3
Sheet No.
293
355
of Total



KEY MAP
NTS

- CONSTRUCTION NOTES:**
1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.
 2. SEE SPEC FOR RESTORATION OF IRRIGATION AND EXTENSION OF EXISTING IRRIGATION TO PLANTING AREAS AT COMMERCIAL PROPERTIES.



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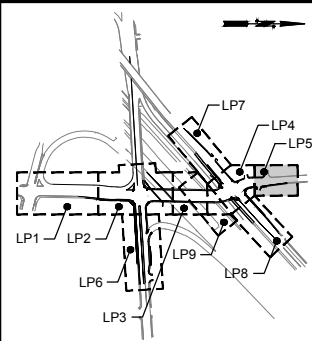
STATE OF WASHINGTON
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LANDSCAPE ARCHITECT
JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES	Date	2/2024
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Approved By	V. WEN	Date	2/2024

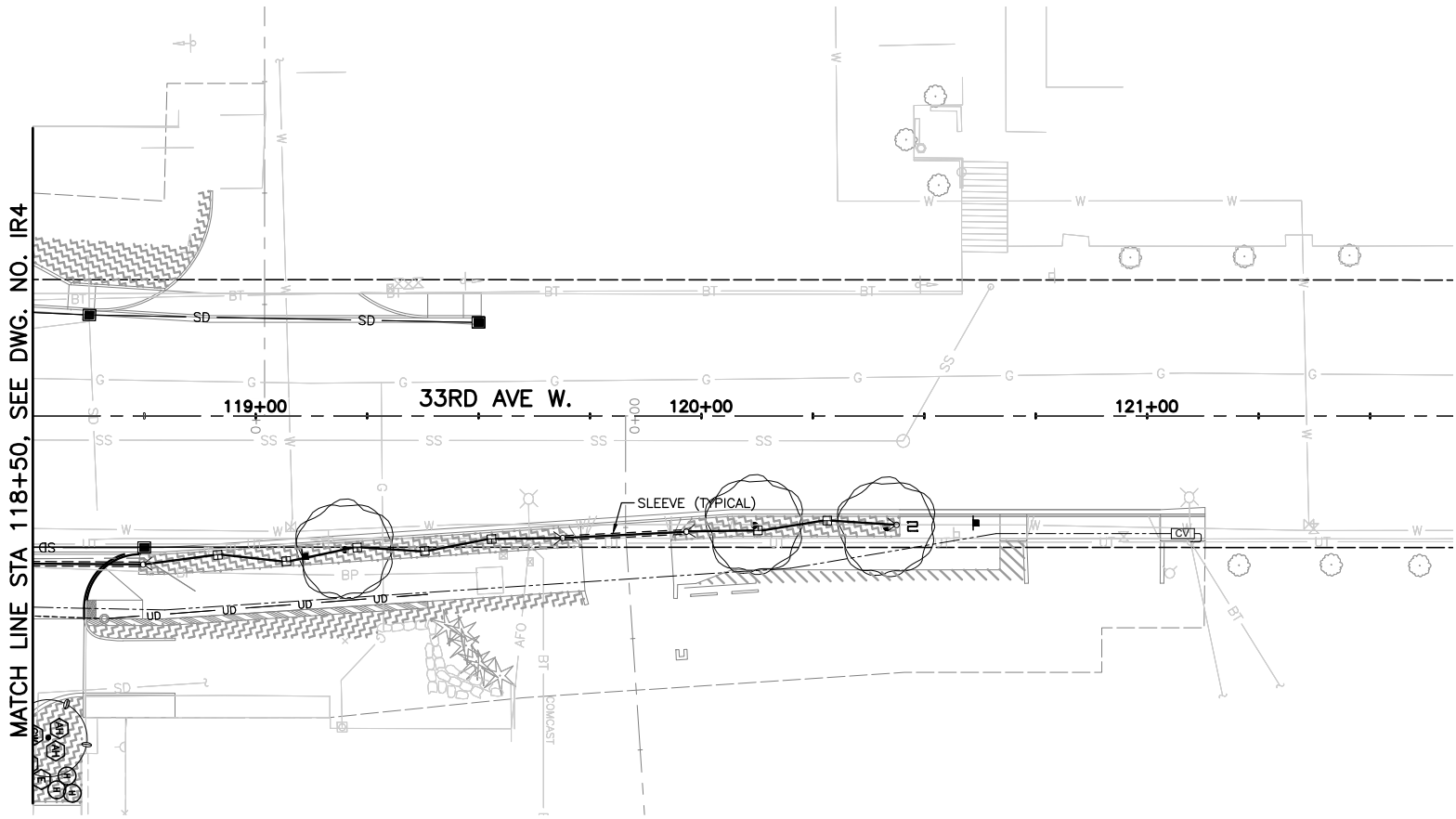
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Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 115+00 TO STA 118+50
IRRIGATION PLAN

Drawing No.	IR4
Sheet No.	294
355 of Total	



KEY MAP
NTS

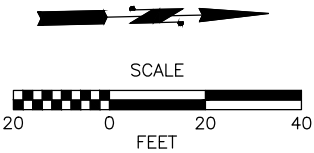


CONSTRUCTION NOTES:

1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.
2. SEE SPEC FOR RESTORATION OF IRRIGATION AND EXTENSION OF EXISTING IRRIGATION TO PLANTING AREAS AT COMMERCIAL PROPERTIES.



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LYNNWOOD
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STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

JASON TODD WALKER
CERTIFICATE NO. 766

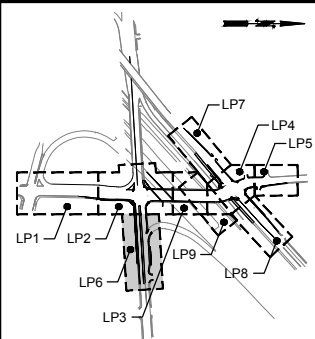
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+50 TO E.O.P.
IRRIGATION PLAN

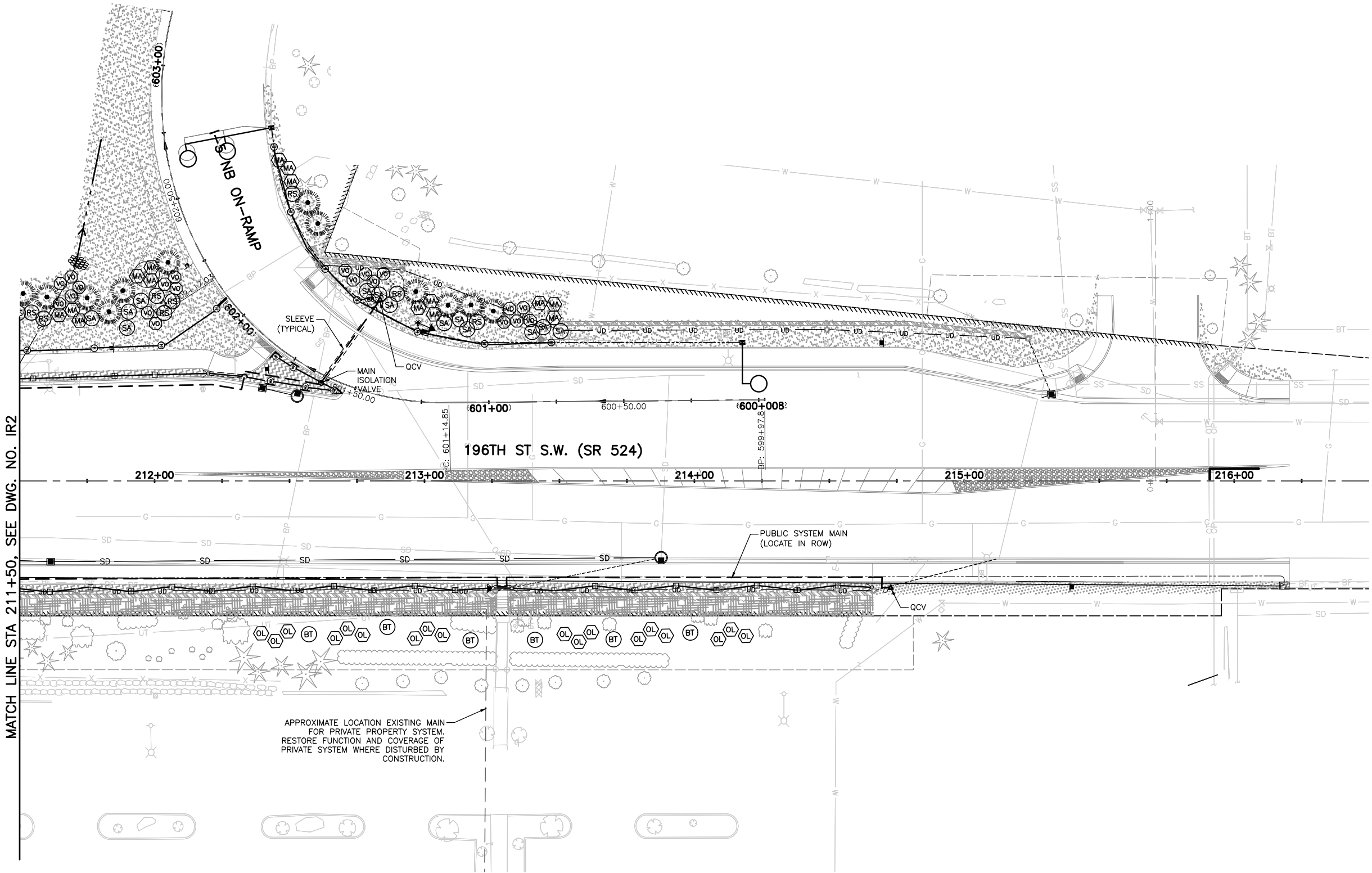
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Sheet No.
295 / 355
of Total



KEY MAP
NTS

CONSTRUCTION NOTES:

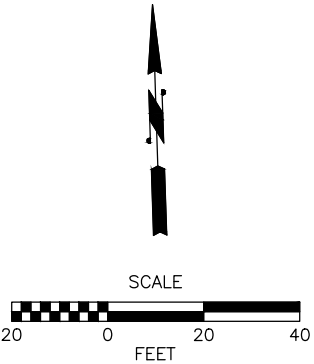
1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.



MATCH LINE STA 211+50, SEE DWG. NO. IR2



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No.	Date	Revision	By	Appr.

PERTEET
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LYNNWOOD
WASHINGTON

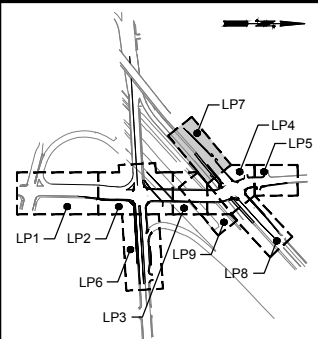
STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 211+50 TO STA E.O.P.
IRRIGATION PLAN

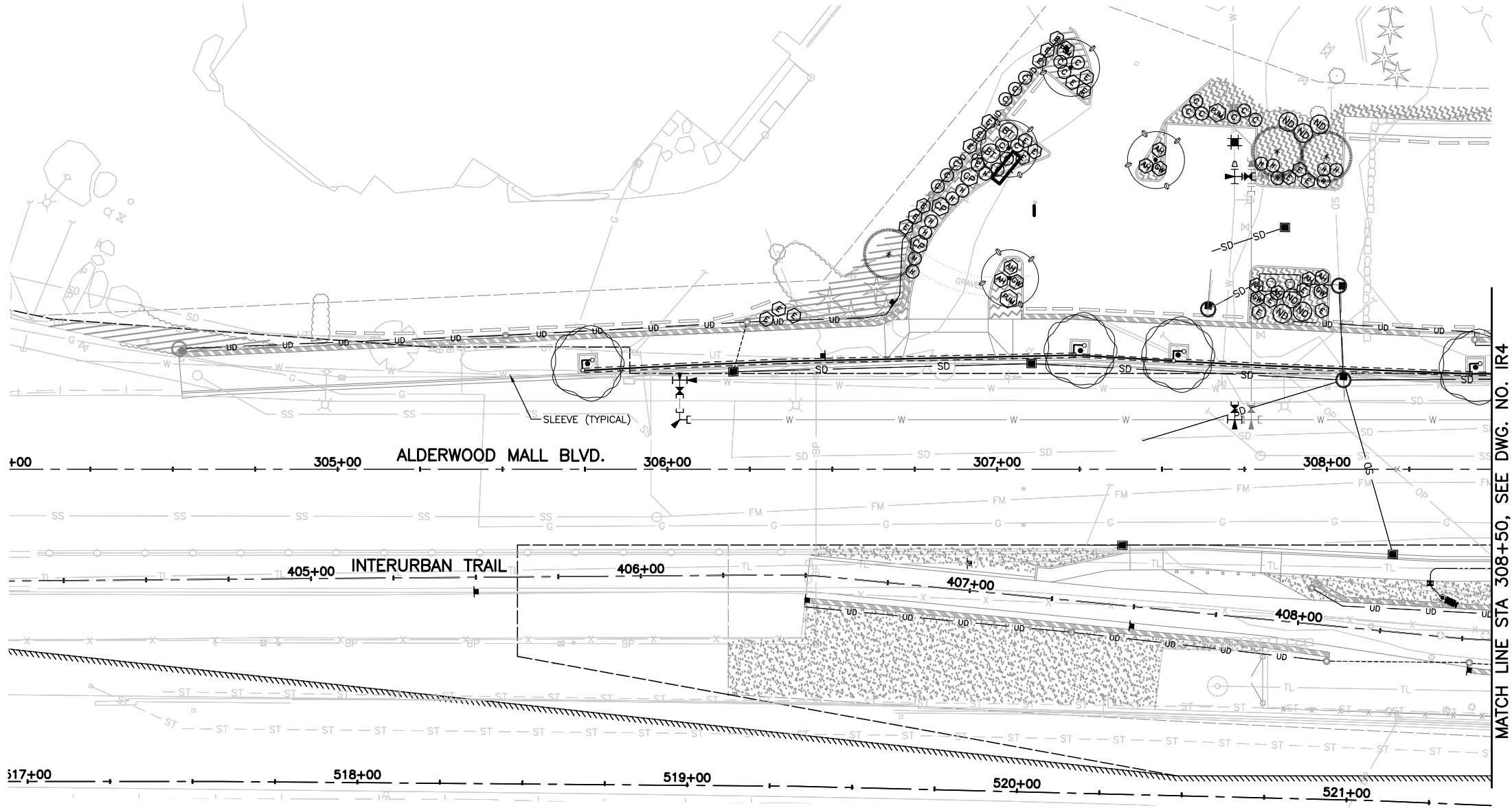
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IR6
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296
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of Total



KEY MAP
NTS

CONSTRUCTION NOTES:

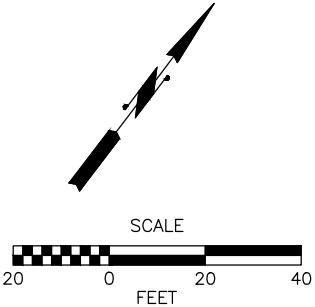
1. SEE SHEET IR10 FOR LEGEND, NOTES, AND DETAILS.
2. SEE SPEC FOR RESTORATION OF IRRIGATION AND EXTENSION OF EXISTING IRRIGATION TO NEW PLANTING AREAS AT COMMERCIAL PROPERTIES.



MATCH LINE STA 308+50, SEE DWG. NO. IR4



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Feb 27, 2024 - 1:31pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IR.dwg Layout Name: IR7

No.	Date	Revision	By	Appr.

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JASON TODD WALKER
CERTIFICATE NO. 766

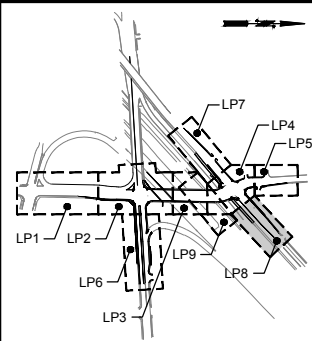
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

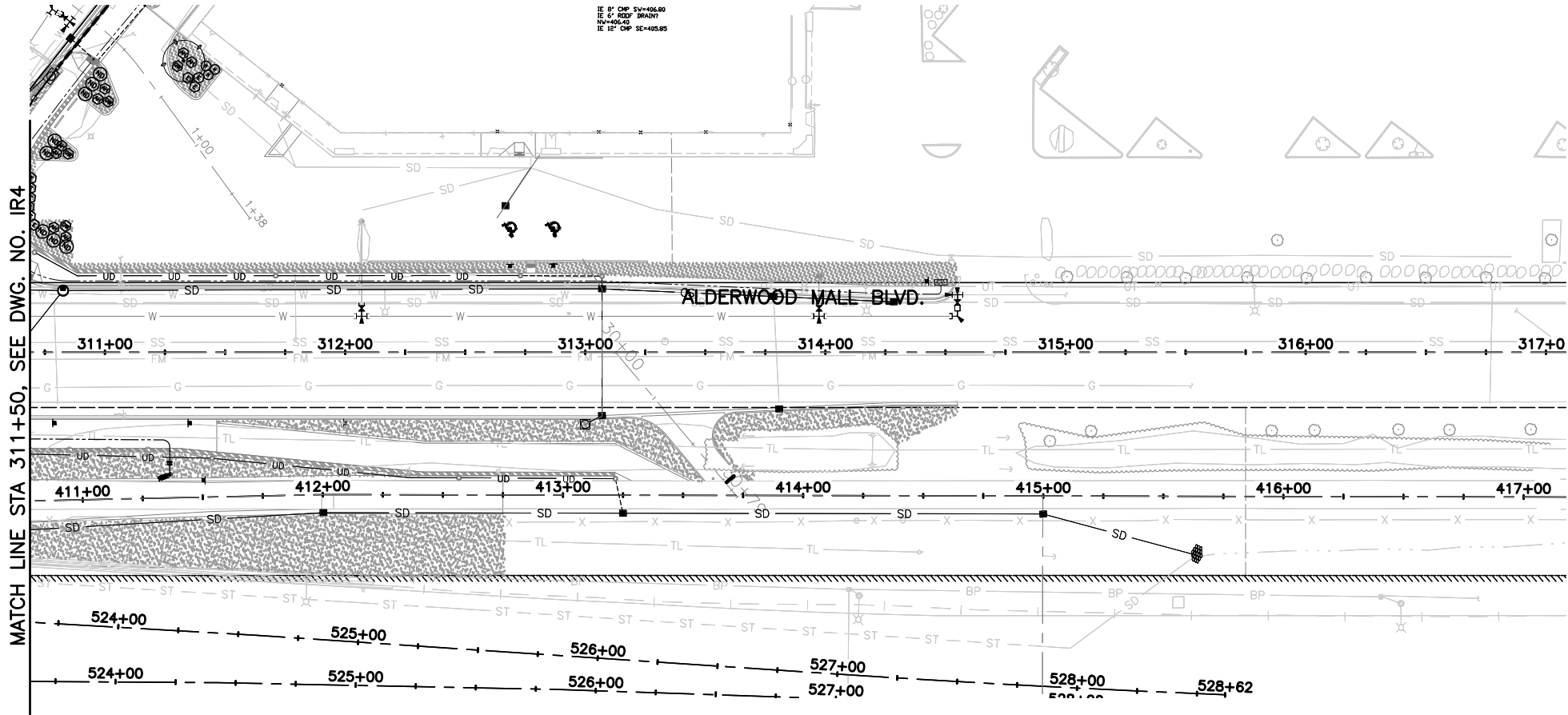
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Horiz
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Vert
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Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
IRRIGATION PLAN

Drawing No.
IR7
Sheet No.
297
355
of Total



KEY MAP
NTS

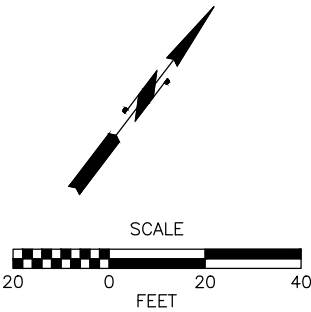


GENERAL NOTES:

1. NO PUBLIC AUTOMATIC IRRIGATION THIS SHEET
2. SEE SPECIFICATIONS FOR WATERING REQUIREMENTS FOR PLANT ESTABLISHMENT.
2. SEE SPEC FOR RESTORATION OF IRRIGATION TO PLANTING AREAS AT COMMERCIAL PROPERTIES.



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V. WEN
Date
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2/2024
2/2024

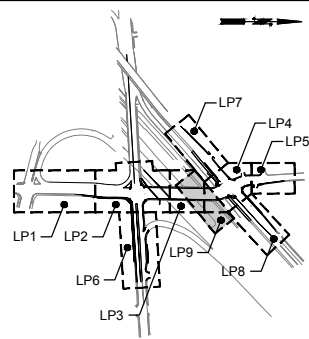
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Horiz
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Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+50 TO E.O.P.
IRRIGATION PLAN

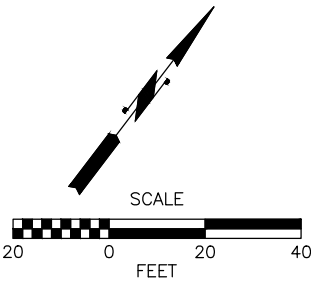
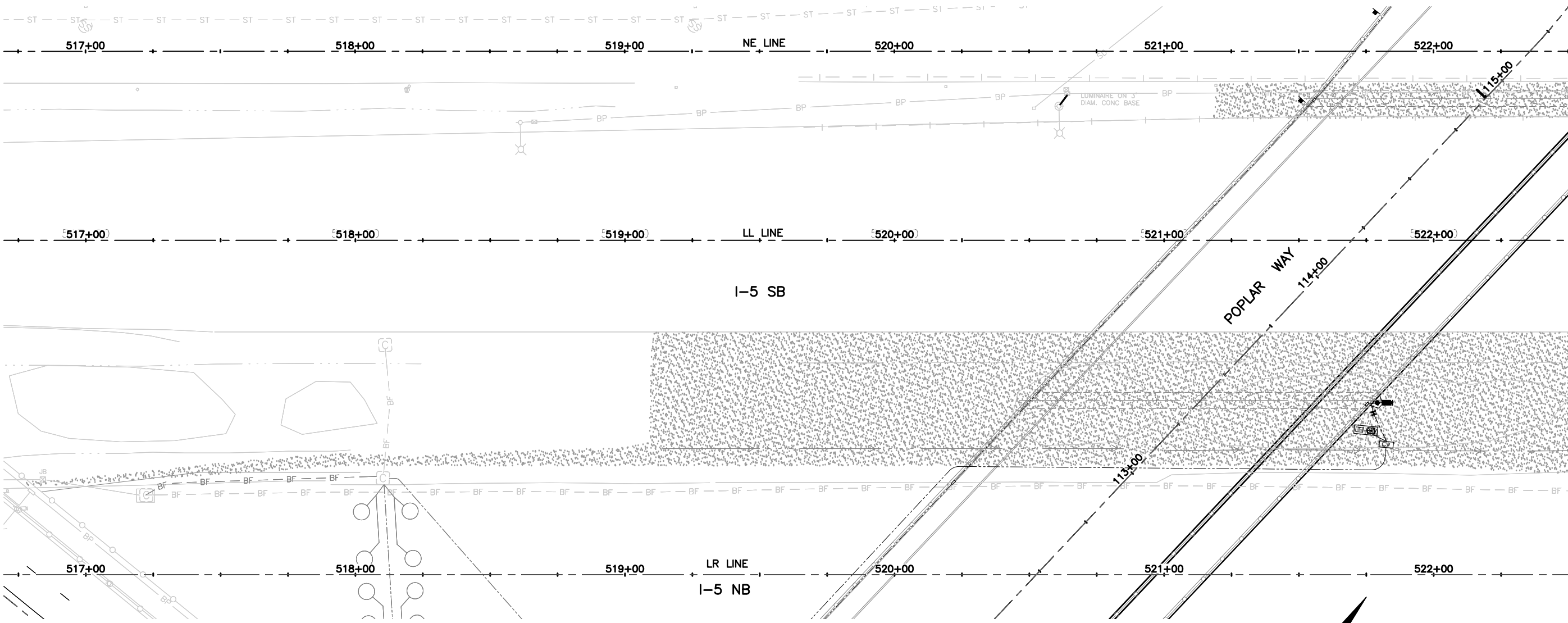
Drawing No.
IR8
Sheet No.
298
355
of Total

GENERAL NOTES:

- 1. NO AUTOMATIC IRRIGATION THIS SHEET
- 2. SEE SPECIFICATIONS FOR WATERING REQUIREMENTS FOR PLANT ESTABLISHMENT.



KEY MAP
NTS



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Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES	Date	2/2024
Checked By	V. WEN	Date	2/2024
Approved By	V. WEN	Date	2/2024

SCALE	1"=20'
Horiz	1"=20'
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
I-5 GUARDRAIL PLAN
IRRIGATION PLAN

Drawing No.
IR9
Sheet No.
299
355
of Total

IRRIGATION PARTS LEGEND

SYMBOL	DESCRIPTION	RAIN BIRD 1812 SAM PRS SERIES HEADS AND MPR NOZZLES	MANUFACTURER/NOTES
	IRRIGATION METERS (2)	1" INSTALLED PER WATER APPLICATION PROCESS. (METER BY MECHANICAL ALL DOWNSTREAM COMPONENTS BY IRRIGATION CONTRACTOR).	MPR PLASTIC NOZZLE RAIN BIRD 8 SERIES 8' RADIUS AT 30 PSI
	NEW CONTROLLERS IN ROW (2) (LOCATION VERIFIED BY ENGINEER)	TORO DXi 8 ZONE, SPED PEDESTAL AND MBC CELL KIT GENERAL TO PROVIDE POWER SOURCE IN CONDUIT TO DUPLEX RECEPTACLE IN PEDESTAL ENCLOSURE	MPR PLASTIC NOZZLE RAIN BIRD 12 SERIES 12' RADIUS AT 30 PSI
	P.O.C.	P.O.C TO INCLUDE: DVCA AND QCV	
	ELECTRONIC CONTROL VALVE	1" 100 RAIN BIRD PEB-PRSD	
	QUICK COUPLER	RAINBIRD 33DRC W/ KEY AT POC AND END OF MAINS	
	MAINLINE	1-1/2" SIZE - SCH. 40 PVC BELL PIPE	
	LATERIAL LINE	CLASS 200 PVC BELL PIPE, 3/4" FOR ENTIRE DRIP ZONE	
	MAINLINE ISOLATION VALVE	1-1/2" SIZE TO MAIN BRASS	
	LATERIAL LINE ISOLATION VALVE	SCH 80 SIZE TO LATERAL	
	SLEEVE	SEE SPEC	
		8F (1.05 GPM @ 30 PSI) 8H (0.52 GPM @ 30 PSI) 8T (0.35 GPM @ 30 PSI) 8Q (0.26 GPM @ 30 PSI) 12F (2.60 GPM @ 30 PSI) 12TT (1.74 GPM @ 30 PSI) 12H (1.30 GPM @ 30 PSI) 12T (0.87 GPM @ 30 PSI) 12Q (0.65 GPM @ 30 PSI) 15F (3.70 GPM @ 30 PSI) 15TQ (2.78 GPM @ 30 PSI) 15TT (2.48 GPM @ 30 PSI) 15H (1.85 GPM @ 30 PSI) 15T (1.23 GPM @ 30 PSI) 15Q (0.92 GPM @ 30 PSI) 15VANQ (0.93 GPM @ 30 PSI) 12VANQ (0.65 GPM @ 30 PSI) 8VANQ (0.72 GPM @ 30 PSI) 15SST (1.21 GPM @ 30 PSI) 4'X 30' 15EST (0.61 GPM @ 30 PSI) 4'X 15'	MPR PLASTIC NOZZLE RAIN BIRD 15 SERIES 15' RADIUS AT 30 PSI VAN PLASTIC NOZZLE VARIABLE RADIUS AT 30 PSI. ADJUST TO ELIMINATE OVERSPRAY MPR PLASTIC NOZZLE RAIN BIRD STRIP 4' WIDE PATTERN AT 30 PSI
		1402 BUBBLER NOZZLE (0.50 GPM @ 30 PSI)	BUBBLER WITH CONNECTORS ON RISER FLUSH WITH TOP OF PEA GRAVEL IN TREE GRATE PIT
		3500 WITH 3.0 NOZZLE (2.60 GPM @ 35 PSI) 25' SPACING FOR 50' RADIUS. ADJUST ARC TO ELIMINATE OVERSPRAY.	BIRD 3500 SERIES HEAD AND NOZZLE AT NATIVE PLANT ZONES

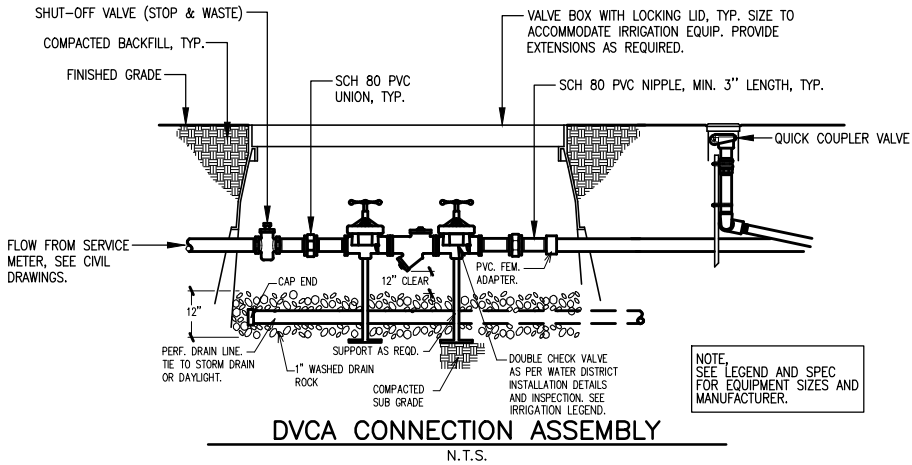
IRRIGATION GENERAL NOTES

- GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR TO COORDINATE:
 - PROTECTION OF SITE, INCLUDING: LOCATING ALL EXISTING AND NEW UNDERGROUND UTILITY LINES PRIOR TO ANY CONSTRUCTION, SAVING AND PROTECTING EXISTING TREES DESIGNATED TO REMAIN, REPAIRING ANY DAMAGE DONE TO CURBING, SIDEWALKS, FENCES, AND ANY OTHER DAMAGE CAUSED AS A RESULT OF THIS CONTRACT.
 - INSTALL 110V ELECTRICAL SERVICE FROM ELECTRICAL SOURCE TO NEW AUTOMATIC CONTROLLERS, INCLUDING WIRE HOOK-UP INTO MOUNTED CONTROLLER. IRRIGATION CONTRACTOR WILL MOUNT CONTROLLER IN CABINET AND COORDINATE WITH GENERAL CONTRACTOR.
 - INSTALLATION OF IRRIGATION/SERVICE METER AND STUB TO NEW IRRIGATION POINTS OF CONNECTION, PER UTILITY PLAN(S) AND PURSUANT TO WATER DISTRICT REQUIREMENTS.
 - PROVISION OF STANDARD THREADED STUB-OUT WITH THREADED CAP ON DISCHARGE SIDE OF NEW METERS. STUB-OUT TO BE INSTALLED APPROXIMATELY 18 INCHES BELOW FINISHED GRADE.
 - VERIFICATION OF STATIC WATER PRESSURE AT POINT-OF-CONNECTION (P.O.C.) CONTRACTOR SHALL NOTIFY ENGINEER OF STATIC PRESSURE AND ADVISE IF SYSTEM PRV IS NECESSARY
 - INSTALLATION OF ALL NECESSARY SLEEVING TO BE COORDINATED BETWEEN IRRIGATION CONTRACTOR AND GENERAL CONTRACTOR.
- CONTROLLER FOR THE LOWES SITE IS EXISTING AND LOCATED IN MECHANICAL ROOM. ALL EXISTING ZONES WHERE PLANTING AREAS ARE NOT REMOVED FOR NEW STREET AND SIDEWALK CONSTRUCTION SHALL BE RESTORED IN EXISTING, AND ASSUMED OPERABLE, CONDITION. CONTRACTOR SHALL BUDGET FOR REPAIRS FOR DAMAGE AND CAPPING/REMOVAL OF SOME SYSTEM COMPONENTS ALONG THE NEW ROW IMPROVEMENTS. CONTRACTOR SHALL PERFORM A SYSTEM CHECK OF EXISTING LOWES IRRIGATION AND SHALL HAVE ALL ZONES OPERABLE UPON COMPLETION OF PROJECT.
- SYSTEM HAS BEEN DESIGNED FOR MAX. 30 GPM AT 35 PSI AT THE FURTHEST NOZZLE. VERIFY ADEQUATE STATIC PRESSURE SETTING AT SYSTEM PRV FOR OPTIMAL SYSTEM PERFORMANCE.
- PRIOR TO INITIATION OF WORK CONTRACTOR SHALL VERIFY ALL WORK TO BE DONE PER LOCAL CODE AND PER MANUFACTURER'S SPECIFICATIONS.
- SET VALVE BOXES FLUSH WITH FINISHED GRADES IN PLANTING AREAS.
- PIPES FOR LATERAL LINES SHALL BE SIZED BY CONTRACTOR IN DECREASING DOWNSTREAM ORDER (PER RAIN BIRD DESIGN STANDARDS).
- LINE POSITIONING IS DIAGRAMMATIC ON PLAN. ADJUST IN FIELD AS NECESSARY FOR ADEQUATE COVERAGE. COORDINATE WITH LANDSCAPE PLANS. VALVES SHALL BE POSITIONED ADJACENT TO CURBS, IN SHRUB BEDS WHERE POSSIBLE. FOR SCHEMATIC CLARITY, MAIN AND LATERAL LINE SYMBOLS ON PLANS MAY BE INDICATED AT PAVEMENT, AND ADJACENT AND PARALLEL TO PLANTING AREAS, AND OUTSIDE OF LOT LINES. LINES SHOWN FOR CLARITY IN THESE AREAS ARE TO BE PLACED IN ADJACENT PLANTING AREAS, WITHIN THE PROJECT SITE.
- PROVIDE OWNER WITH TWO (2) SETS OF AS-BUILT DRAWINGS AND OPERATOR'S MANUAL UPON COMPLETION. INSTRUCT OWNER AS TO PROPER WINTERIZATION OF IRRIGATION SYSTEM (BLOW OUT).
- FAMILIARIZE FACILITY OPERATOR(S) WITH IRRIGATION SYSTEM FUNCTION, CONTROLLER PROGRAMMING, SYSTEM OPERATION AND MAINTENANCE REQUIREMENTS FOR PUBLIC AND PRIVATE SYSTEMS UNDER THIS CONTRACT.
- ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES.
- ALL ELECTRICAL EQUIPMENT SHALL BE U.L. TESTED AND APPROVED, AND SHALL BEAR THE U.L. LABEL.
- PROVIDE MANUAL SHUT-OFF VALVE TO LATERAL LINES TO ISLAND PLANTERS IN 6 INCH DIAMETER VALVE BOX NEAR MAIN CONNECTION.
- CROSS CONNECTION PROTECTION INSPECTION REQUIRED FOR ALL IRRIGATION SYSTEMS UNDER THIS CONTRACT. BACKFLOW DEVICES SHALL BE TESTED UPON INSTALLATION OR REINSTATEMENT OF OPERATION. A PERSON HOLDING A CURRENT CERTIFICATE AS A BACKFLOW TESTER SHALL PERFORM THE TESTING. THE TEST REPORT SHALL BE SUBMITTED TO THE LOCAL WATER DISTRICT AND OWNER. CONTRACTOR SHALL INCLUDE TESTING IN THE SCOPE OF WORK. OWNER IS RESPONSIBLE FOR ANNUAL INSPECTIONS AFTER THE INITIAL INSPECTION.
- CONTRACTOR SHALL PROVIDE SYSTEM WINTERIZATION/SPRING SERVICE WHEN INSTALLATION HAS BEEN COMPLETED WITHIN 90 DAYS OF NOVEMBER 1 FOR WINTERIZATION, OR MAY 15 FOR SPRING SERVICE. SERVICE TO BE PERFORMED AS NEAR AS PRACTICAL TO THE ABOVE DATES, OR AS FREEZE/PRECIPITATION CONDITIONS DETERMINE SERVICE NEED.
- PROVIDE AUTOMATIC RAIN SHUT-OFFS FOR EACH NEW CONTROLLER.
- IRRIGATION CONTRACTOR TO PROVIDE A ONE YEAR WARRANTY AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR ALL WORK PREFORMED AND OR NEW DEVICES INSTALLED..
- SEE SPECIFICATIONS

ZONE SCHEDULE

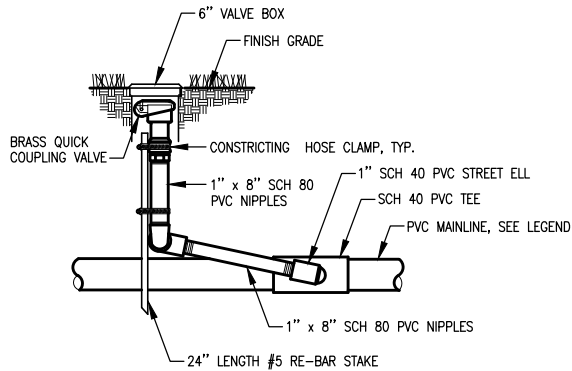
ZONE	SIZE	GPM	TYPE	NOTES
A1	1"	32.00	TREE WELL ZONE	TREE GRATE PIT BUBBLERS
A2	1"	15.76	TREE PLANTER STRIP ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
A3	1"	0.00	OPEN	PROVIDE SPARE WIRE FOR OPEN ZONE A3 AT A4 VALVE BOX
A4	1"	0.00	OPEN	PROVIDE SPARE WIRE FOR OPEN ZONE A4 AT A4 VALVE BOX
A5	1"	0.00	OPEN	PROVIDE SPARE WIRE FOR OPEN ZONE A5 AT A4 VALVE BOX
A6	1"	0.00	OPEN	PROVIDE SPARE WIRE FOR OPEN ZONE A6 AT A4 VALVE BOX
A7	1"	0.00	OPEN	OPEN
A8	1"	0.00	OPEN	OPEN
B1	1"	4.78	WELCOME SIGN ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
B2	1"	24.81	TREE PLANTER STRIP ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
B3	1"	21.17	TREE PLANTER STRIP ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
B4	1"	30.23	PLANTER STRIP ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
B5	1"	13.00	NAIVE PLANT ROTOR ZONE	RAIN BIRD 3500 ADJUST ARC TO ELIMINATE OVERSPRAY
B6	1"	15.60	NAIVE PLANT ROTOR ZONE	RAIN BIRD 3500 ADJUST ARC TO ELIMINATE OVERSPRAY
B7	1"	18.24	PLANTER STRIP ZONE	RAIN BIRD 1800 SERIES SIDE AND END STRIP NOZZLES
B8	1"	18.20	NAIVE PLANT ROTOR ZONE	RAIN BIRD 3500 ADJUST ARC TO ELIMINATE OVERSPRAY

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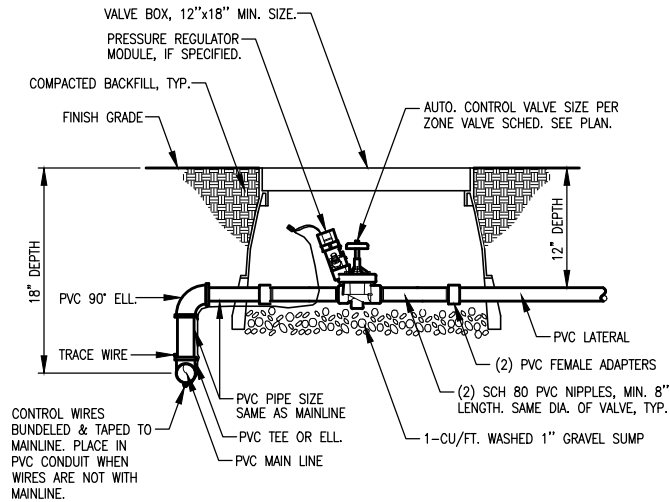
DVCA CONNECTION ASSEMBLY

N.T.S.



QUICK COUPLER VALVE (QCV) DETAIL

N.T.S.



AUTOMATIC CONTROL VALVE DETAIL

N.T.S.



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JASON TODD WALKER
CERTIFICATE NO. 766

Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=20'
Vert
NONE
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

IRRIGATION PLAN

Drawing No.

IR10

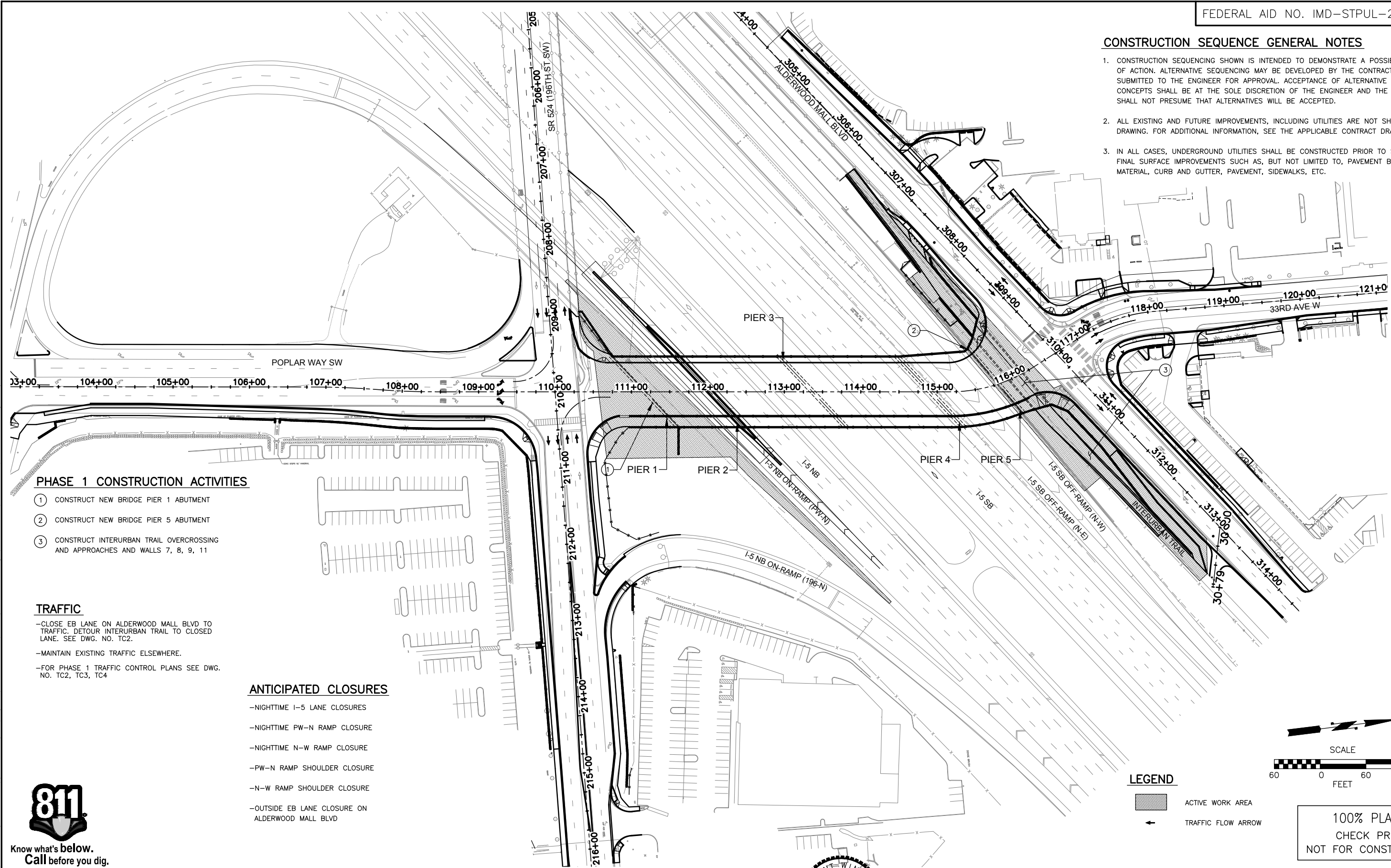
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355
of Total

CONSTRUCTION SEQUENCE GENERAL NOTES

1. CONSTRUCTION SEQUENCING SHOWN IS INTENDED TO DEMONSTRATE A POSSIBLE COURSE OF ACTION. ALTERNATIVE SEQUENCING MAY BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. ACCEPTANCE OF ALTERNATIVE SEQUENCING CONCEPTS SHALL BE AT THE SOLE DISCRETION OF THE ENGINEER AND THE CONTRACTOR SHALL NOT PRESUME THAT ALTERNATIVES WILL BE ACCEPTED.
2. ALL EXISTING AND FUTURE IMPROVEMENTS, INCLUDING UTILITIES ARE NOT SHOWN ON THIS DRAWING. FOR ADDITIONAL INFORMATION, SEE THE APPLICABLE CONTRACT DRAWINGS.
3. IN ALL CASES, UNDERGROUND UTILITIES SHALL BE CONSTRUCTED PRIOR TO START OF FINAL SURFACE IMPROVEMENTS SUCH AS, BUT NOT LIMITED TO, PAVEMENT BASE MATERIAL, CURB AND GUTTER, PAVEMENT, SIDEWALKS, ETC.



PHASE 1 CONSTRUCTION ACTIVITIES

1. CONSTRUCT NEW BRIDGE PIER 1 ABUTMENT
2. CONSTRUCT NEW BRIDGE PIER 5 ABUTMENT
3. CONSTRUCT INTERURBAN TRAIL OVERCROSSING AND APPROACHES AND WALLS 7, 8, 9, 11

TRAFFIC

- CLOSE EB LANE ON ALDERWOOD MALL BLVD TO TRAFFIC. DETOUR INTERURBAN TRAIL TO CLOSED LANE. SEE DWG. NO. TC2.
- MAINTAIN EXISTING TRAFFIC ELSEWHERE.
- FOR PHASE 1 TRAFFIC CONTROL PLANS SEE DWG. NO. TC2, TC3, TC4

ANTICIPATED CLOSURES

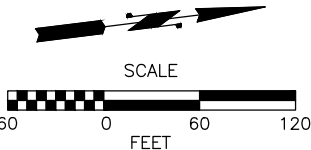
- NIGHTTIME I-5 LANE CLOSURES
- NIGHTTIME PW-N RAMP CLOSURE
- NIGHTTIME N-W RAMP CLOSURE
- PW-N RAMP SHOULDER CLOSURE
- N-W RAMP SHOULDER CLOSURE
- OUTSIDE EB LANE CLOSURE ON ALDERWOOD MALL BLVD



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LEGEND

- ACTIVE WORK AREA
- TRAFFIC FLOW ARROW



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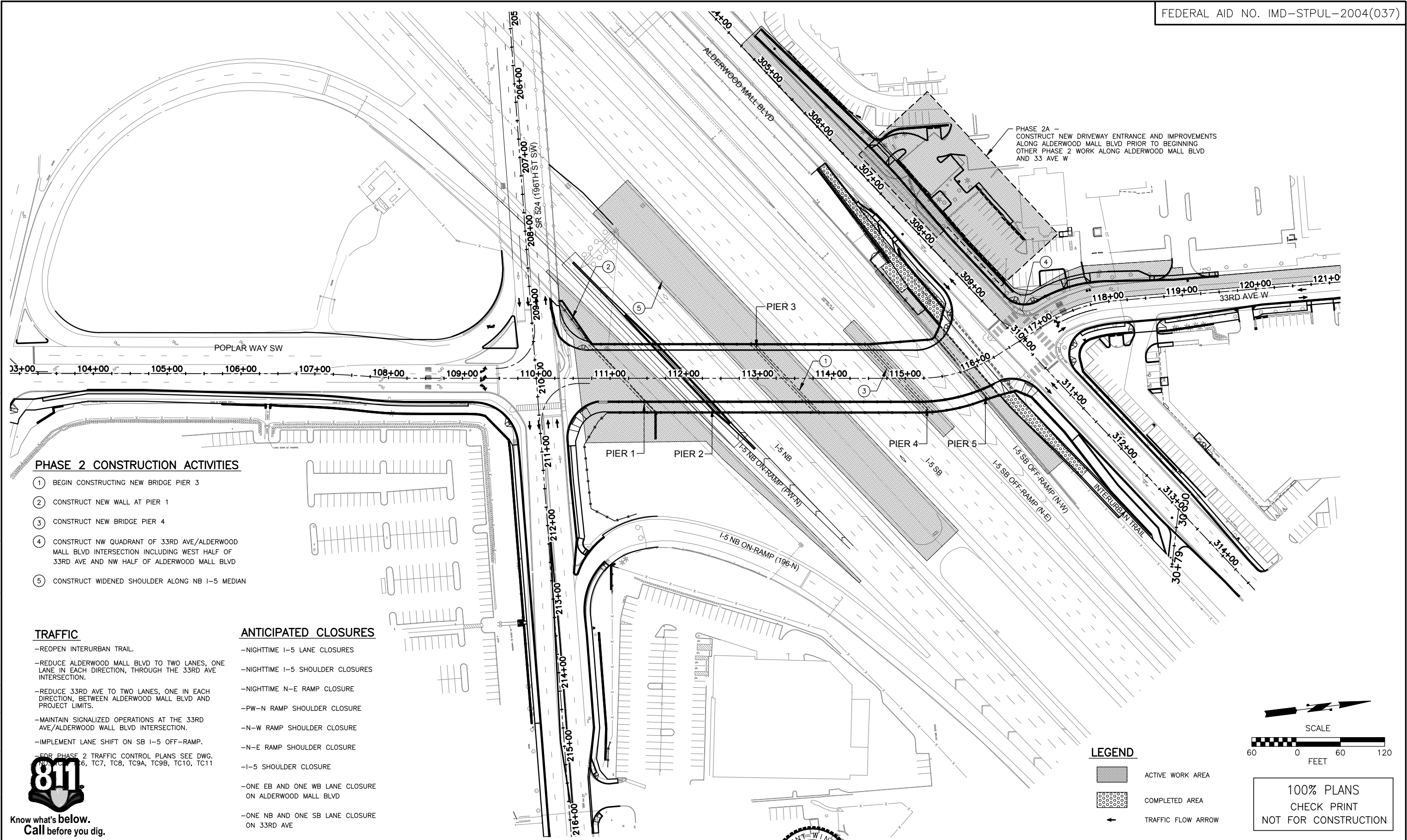


Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=60'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 1
CONSTRUCTION SEQUENCING PLAN

Drawing No.
CS1
Sheet No.
301
355
of Total



PHASE 2 CONSTRUCTION ACTIVITIES

- 1 BEGIN CONSTRUCTING NEW BRIDGE PIER 3
- 2 CONSTRUCT NEW WALL AT PIER 1
- 3 CONSTRUCT NEW BRIDGE PIER 4
- 4 CONSTRUCT NW QUADRANT OF 33RD AVE/ALDERWOOD MALL BLVD INTERSECTION INCLUDING WEST HALF OF 33RD AVE AND NW HALF OF ALDERWOOD MALL BLVD
- 5 CONSTRUCT WIDENED SHOULDER ALONG NB I-5 MEDIAN

TRAFFIC

- REOPEN INTERURBAN TRAIL.
- REDUCE ALDERWOOD MALL BLVD TO TWO LANES, ONE LANE IN EACH DIRECTION, THROUGH THE 33RD AVE INTERSECTION.
- REDUCE 33RD AVE TO TWO LANES, ONE IN EACH DIRECTION, BETWEEN ALDERWOOD MALL BLVD AND PROJECT LIMITS.
- MAINTAIN SIGNALIZED OPERATIONS AT THE 33RD AVE/ALDERWOOD WALL BLVD INTERSECTION.
- IMPLEMENT LANE SHIFT ON SB I-5 OFF-RAMP.
- FOR PHASE 2 TRAFFIC CONTROL PLANS SEE DWG. NO. 1-5, 6, TC7, TC8, TC9A, TC9B, TC10, TC11

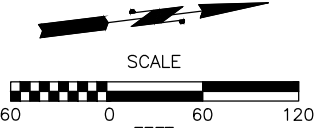
ANTICIPATED CLOSURES

- NIGHTTIME I-5 LANE CLOSURES
- NIGHTTIME I-5 SHOULDER CLOSURES
- NIGHTTIME N-E RAMP CLOSURE
- PW-N RAMP SHOULDER CLOSURE
- N-W RAMP SHOULDER CLOSURE
- N-E RAMP SHOULDER CLOSURE
- I-5 SHOULDER CLOSURE
- ONE EB AND ONE WB LANE CLOSURE ON ALDERWOOD MALL BLVD
- ONE NB AND ONE SB LANE CLOSURE ON 33RD AVE



LEGEND

- ACTIVE WORK AREA
- COMPLETED AREA
- TRAFFIC FLOW ARROW



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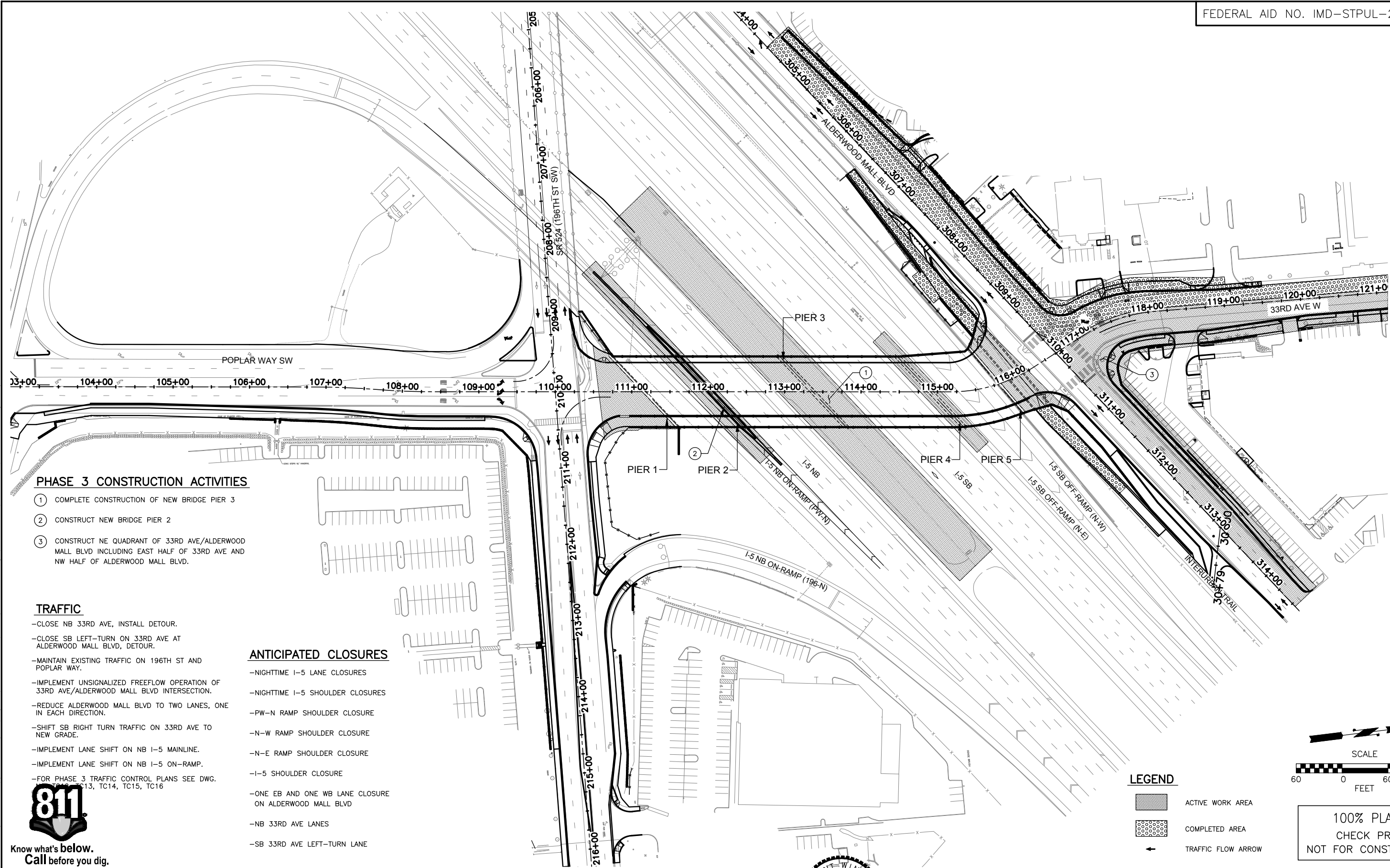


Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE	
Horiz	1"=60'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
CONSTRUCTION SEQUENCING PLAN

Drawing No.	CS2
Sheet No.	302
355 of Total	



PHASE 3 CONSTRUCTION ACTIVITIES

- ① COMPLETE CONSTRUCTION OF NEW BRIDGE PIER 3
- ② CONSTRUCT NEW BRIDGE PIER 2
- ③ CONSTRUCT NE QUADRANT OF 33RD AVE/ALDERWOOD MALL BLVD INCLUDING EAST HALF OF 33RD AVE AND NW HALF OF ALDERWOOD MALL BLVD.

TRAFFIC

- CLOSE NB 33RD AVE, INSTALL DETOUR.
- CLOSE SB LEFT-TURN ON 33RD AVE AT ALDERWOOD MALL BLVD, DETOUR.
- MAINTAIN EXISTING TRAFFIC ON 196TH ST AND POPLAR WAY.
- IMPLEMENT UNSIGNALIZED FREEFLOW OPERATION OF 33RD AVE/ALDERWOOD MALL BLVD INTERSECTION.
- REDUCE ALDERWOOD MALL BLVD TO TWO LANES, ONE IN EACH DIRECTION.
- SHIFT SB RIGHT TURN TRAFFIC ON 33RD AVE TO NEW GRADE.
- IMPLEMENT LANE SHIFT ON NB I-5 MAINLINE.
- IMPLEMENT LANE SHIFT ON NB I-5 ON-RAMP.
- FOR PHASE 3 TRAFFIC CONTROL PLANS SEE DWG. 303, TC13, TC14, TC15, TC16

ANTICIPATED CLOSURES

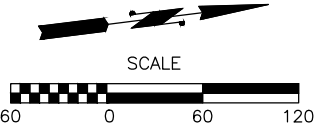
- NIGHTTIME I-5 LANE CLOSURES
- NIGHTTIME I-5 SHOULDER CLOSURES
- PW-N RAMP SHOULDER CLOSURE
- N-W RAMP SHOULDER CLOSURE
- N-E RAMP SHOULDER CLOSURE
- I-5 SHOULDER CLOSURE
- ONE EB AND ONE WB LANE CLOSURE ON ALDERWOOD MALL BLVD
- NB 33RD AVE LANES
- SB 33RD AVE LEFT-TURN LANE



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LEGEND

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- COMPLETED AREA
- TRAFFIC FLOW ARROW



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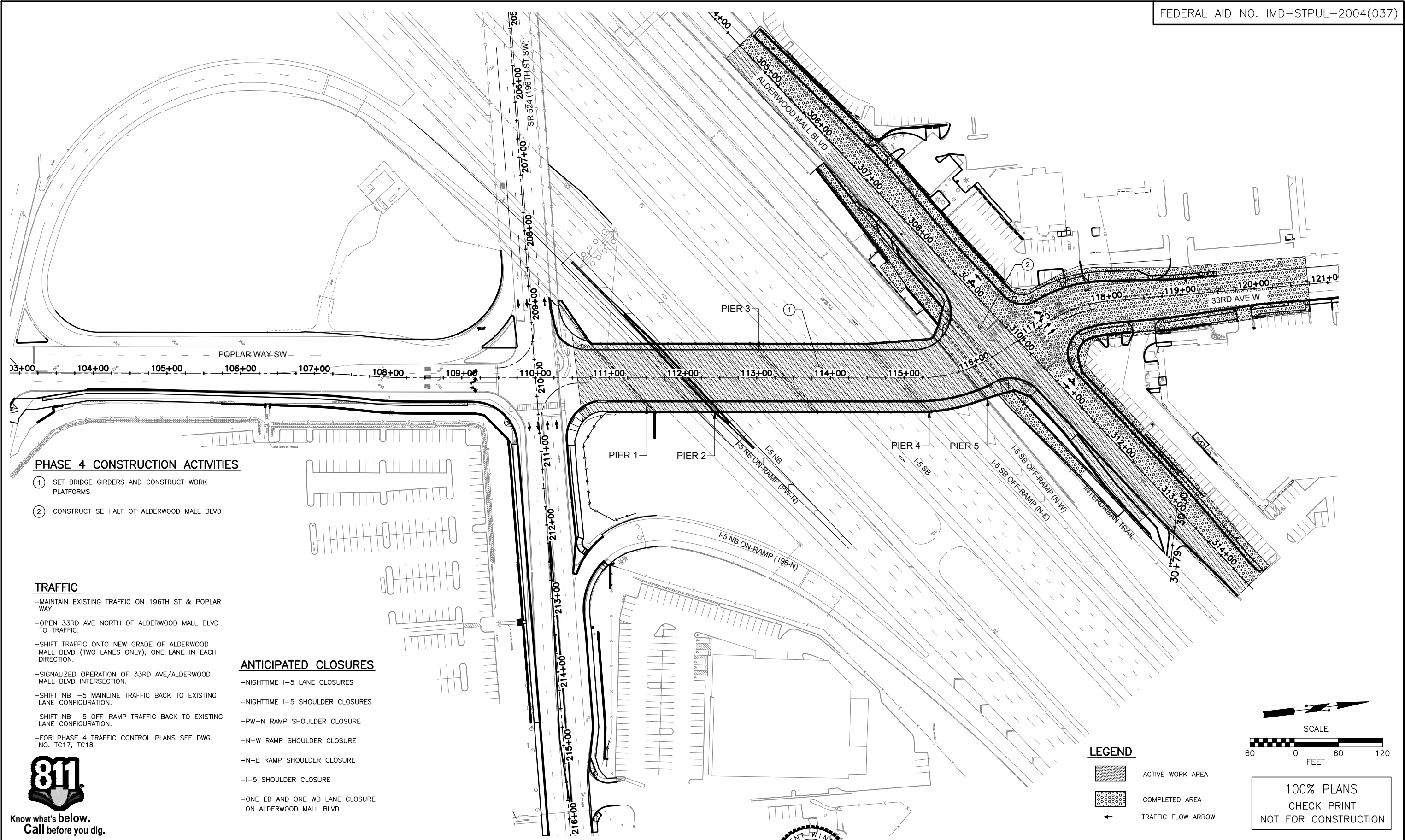


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V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=60'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3
CONSTRUCTION SEQUENCING PLAN

Drawing No.
CS3
Sheet No.
303
355
of Total



PHASE 4 CONSTRUCTION ACTIVITIES

- ① SET BRIDGE GIRDERS AND CONSTRUCT WORK PLATFORMS
- ② CONSTRUCT SE HALF OF ALDERWOOD MALL BLVD

TRAFFIC

- MAINTAIN EXISTING TRAFFIC ON 196TH ST & POPLAR WAY.
- OPEN 33RD AVE NORTH OF ALDERWOOD MALL BLVD TO TRAFFIC.
- SHIFT TRAFFIC ONTO NEW GRADE OF ALDERWOOD MALL BLVD (TWO LANES ONLY), ONE LANE IN EACH DIRECTION.
- SIGNALIZED OPERATION OF 33RD AVE/ALDERWOOD MALL BLVD INTERSECTION.
- SHIFT NB I-5 MAINLINE TRAFFIC BACK TO EXISTING LANE CONFIGURATION.
- SHIFT NB I-5 OFF-RAMP TRAFFIC BACK TO EXISTING LANE CONFIGURATION.
- FOR PHASE 4 TRAFFIC CONTROL PLANS SEE DWG. NO. TC17, TC18

ANTICIPATED CLOSURES

- NIGHTTIME I-5 LANE CLOSURES
- NIGHTTIME I-5 SHOULDER CLOSURES
- PW-N RAMP SHOULDER CLOSURE
- N-W RAMP SHOULDER CLOSURE
- N-E RAMP SHOULDER CLOSURE
- I-5 SHOULDER CLOSURE
- ONE EB AND ONE WB LANE CLOSURE ON ALDERWOOD MALL BLVD



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LYNNWOOD
WASHINGTON

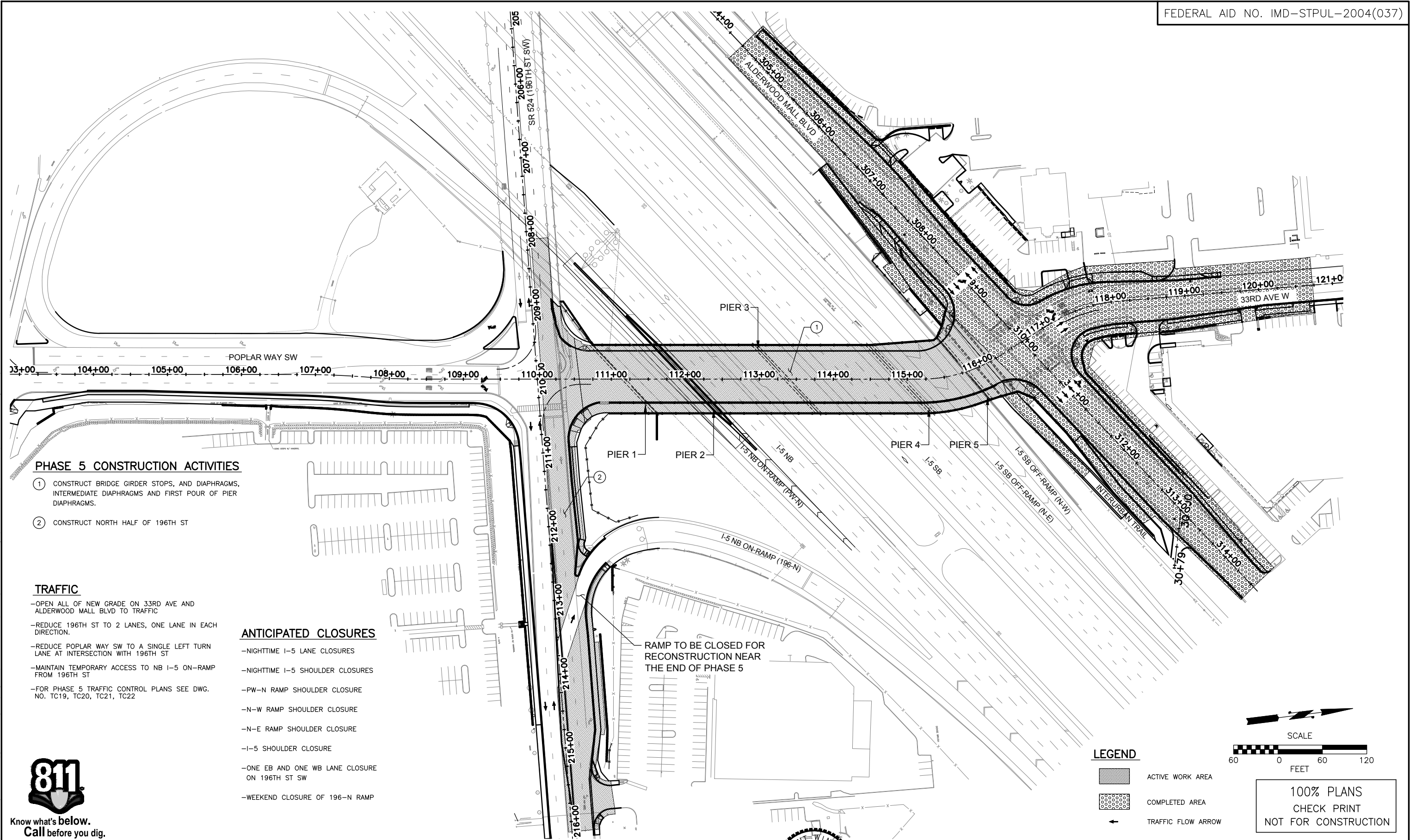


Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=60'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4
CONSTRUCTION SEQUENCING PLAN

Drawing No.
CS4
Sheet No.
304
355
of Total



PHASE 5 CONSTRUCTION ACTIVITIES

- 1 CONSTRUCT BRIDGE GIRDER STOPS, AND DIAPHRAGMS, INTERMEDIATE DIAPHRAGMS AND FIRST POUR OF PIER DIAPHRAGMS.
- 2 CONSTRUCT NORTH HALF OF 196TH ST

TRAFFIC

- OPEN ALL OF NEW GRADE ON 33RD AVE AND ALDERWOOD MALL BLVD TO TRAFFIC
- REDUCE 196TH ST TO 2 LANES, ONE LANE IN EACH DIRECTION.
- REDUCE POPLAR WAY SW TO A SINGLE LEFT TURN LANE AT INTERSECTION WITH 196TH ST
- MAINTAIN TEMPORARY ACCESS TO NB I-5 ON-RAMP FROM 196TH ST
- FOR PHASE 5 TRAFFIC CONTROL PLANS SEE DWG. NO. TC19, TC20, TC21, TC22

ANTICIPATED CLOSURES

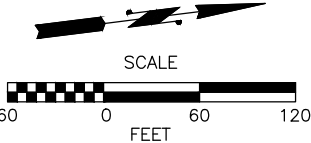
- NIGHTTIME I-5 LANE CLOSURES
- NIGHTTIME I-5 SHOULDER CLOSURES
- PW-N RAMP SHOULDER CLOSURE
- N-W RAMP SHOULDER CLOSURE
- N-E RAMP SHOULDER CLOSURE
- I-5 SHOULDER CLOSURE
- ONE EB AND ONE WB LANE CLOSURE ON 196TH ST SW
- WEEKEND CLOSURE OF 196-N RAMP



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LEGEND

- ACTIVE WORK AREA
- COMPLETED AREA
- TRAFFIC FLOW ARROW



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No.	Date	Revision	By	Appr.

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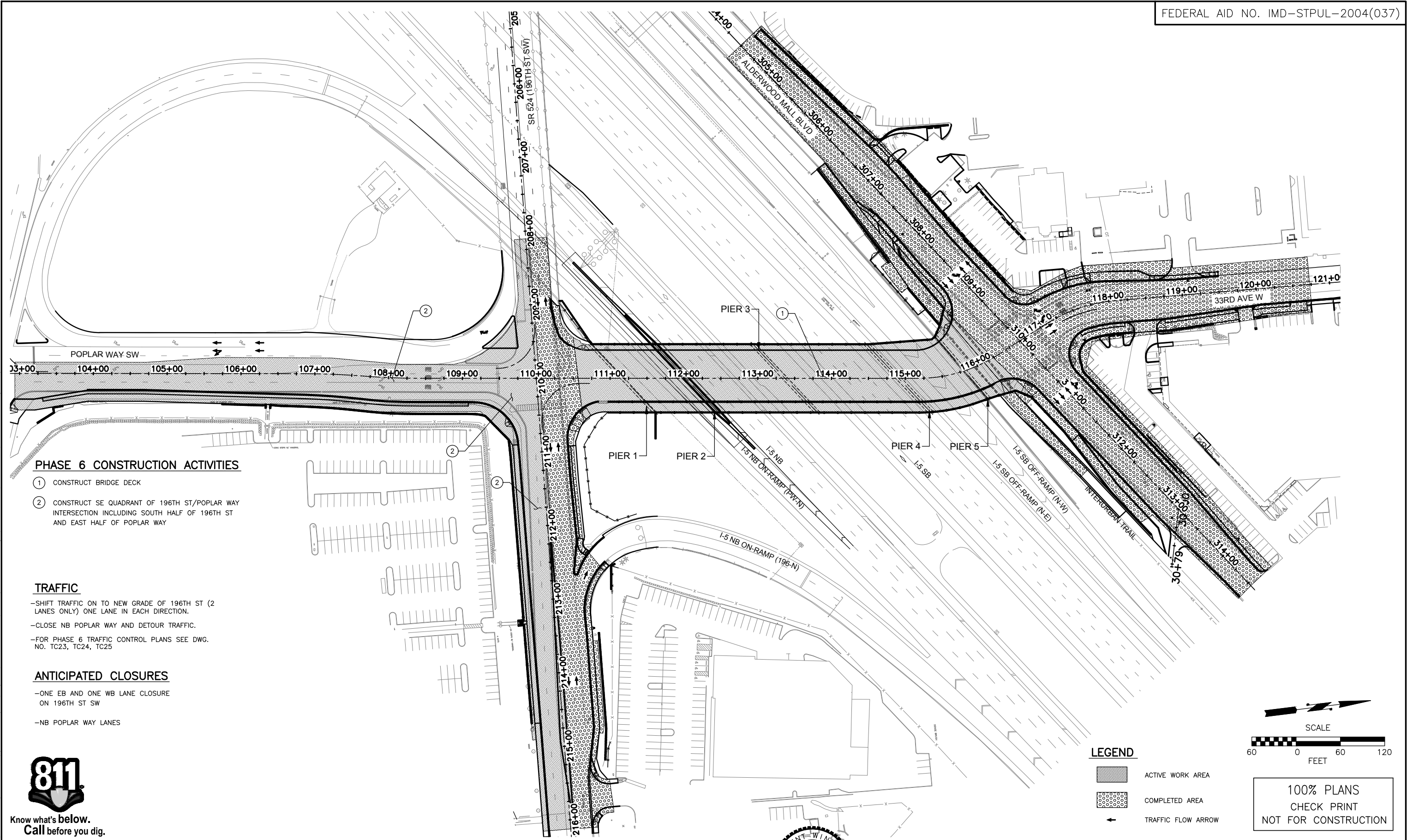
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1"=60'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 5
CONSTRUCTION SEQUENCING PLAN

Drawing No.
CS5
Sheet No.
305 355
of Total



PHASE 6 CONSTRUCTION ACTIVITIES

- ① CONSTRUCT BRIDGE DECK
- ② CONSTRUCT SE QUADRANT OF 196TH ST/POPLAR WAY INTERSECTION INCLUDING SOUTH HALF OF 196TH ST AND EAST HALF OF POPLAR WAY

TRAFFIC

- SHIFT TRAFFIC ON TO NEW GRADE OF 196TH ST (2 LANES ONLY) ONE LANE IN EACH DIRECTION.
- CLOSE NB POPLAR WAY AND DETOUR TRAFFIC.
- FOR PHASE 6 TRAFFIC CONTROL PLANS SEE DWG. NO. TC23, TC24, TC25

ANTICIPATED CLOSURES

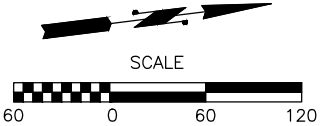
- ONE EB AND ONE WB LANE CLOSURE ON 196TH ST SW
- NB POPLAR WAY LANES



Know what's below.
Call before you dig.

LEGEND

- ACTIVE WORK AREA
- COMPLETED AREA
- TRAFFIC FLOW ARROW



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No.	Date	Revision	By	Appr.

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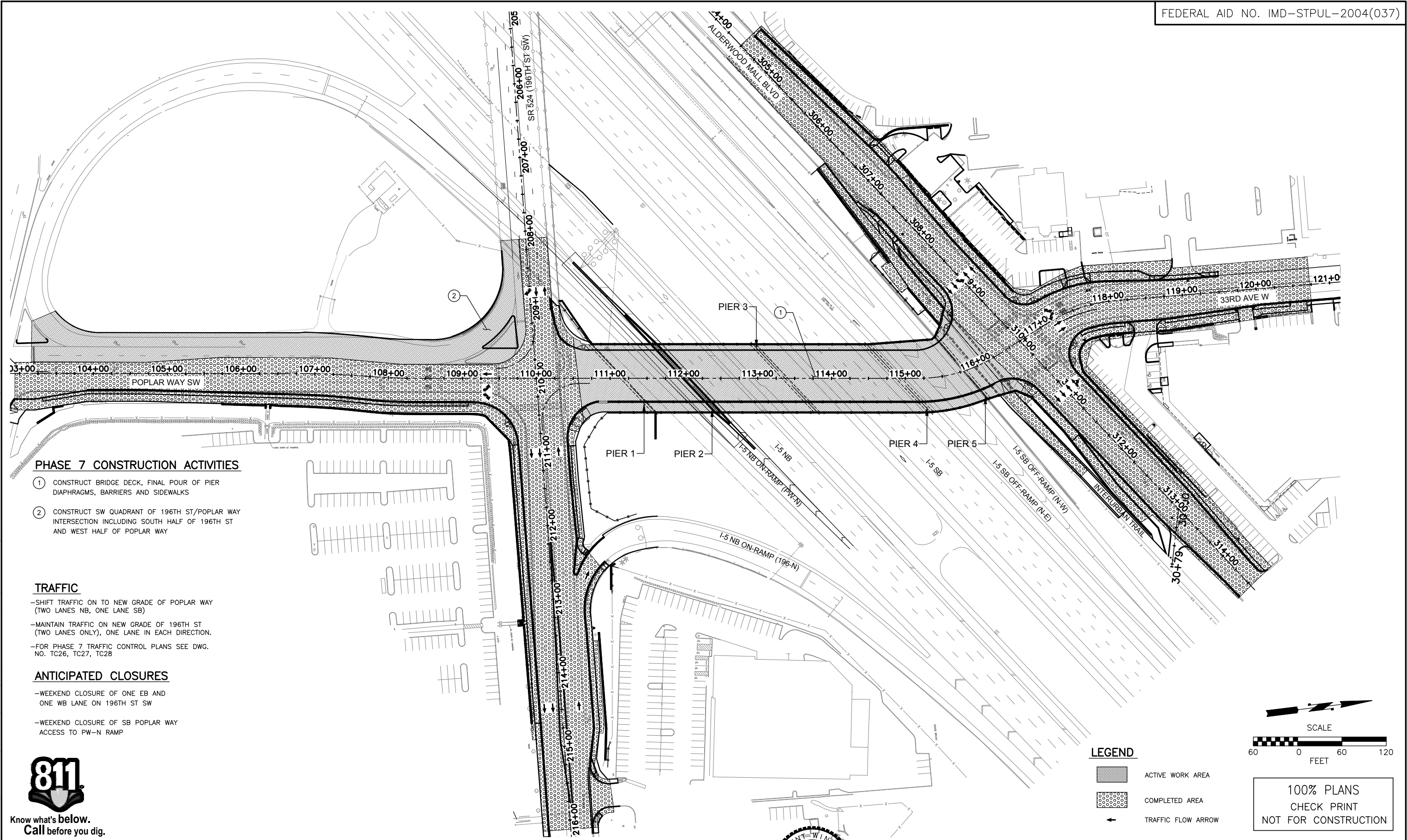


Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES	Date	2/2024
Checked By	V. WEN	Date	2/2024
Approved By	V. WEN	Date	2/2024

SCALE	1"=60'
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 6
CONSTRUCTION SEQUENCING PLAN

Drawing No.	CS6
Sheet No.	306
of Total	355



PHASE 7 CONSTRUCTION ACTIVITIES

- ① CONSTRUCT BRIDGE DECK, FINAL POUR OF PIER DIAPHRAGMS, BARRIERS AND SIDEWALKS
- ② CONSTRUCT SW QUADRANT OF 196TH ST/POPLAR WAY INTERSECTION INCLUDING SOUTH HALF OF 196TH ST AND WEST HALF OF POPLAR WAY

TRAFFIC

- SHIFT TRAFFIC ON TO NEW GRADE OF POPLAR WAY (TWO LANES NB, ONE LANE SB)
- MAINTAIN TRAFFIC ON NEW GRADE OF 196TH ST (TWO LANES ONLY), ONE LANE IN EACH DIRECTION.
- FOR PHASE 7 TRAFFIC CONTROL PLANS SEE DWG. NO. TC26, TC27, TC28

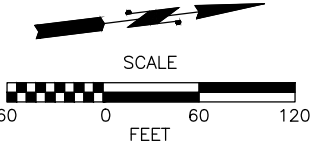
ANTICIPATED CLOSURES

- WEEKEND CLOSURE OF ONE EB AND ONE WB LANE ON 196TH ST SW
- WEEKEND CLOSURE OF SB POPLAR WAY ACCESS TO PW-N RAMP



LEGEND

- ACTIVE WORK AREA
- COMPLETED AREA
- TRAFFIC FLOW ARROW



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No.	Date	Revision	By	Appr.

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Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES	Date	2/2024
Checked By	V. WEN	Date	2/2024
Approved By	V. WEN	Date	2/2024

SCALE	1"=60'
Horiz	N/A
Vert	N/A
Project Number	20100156

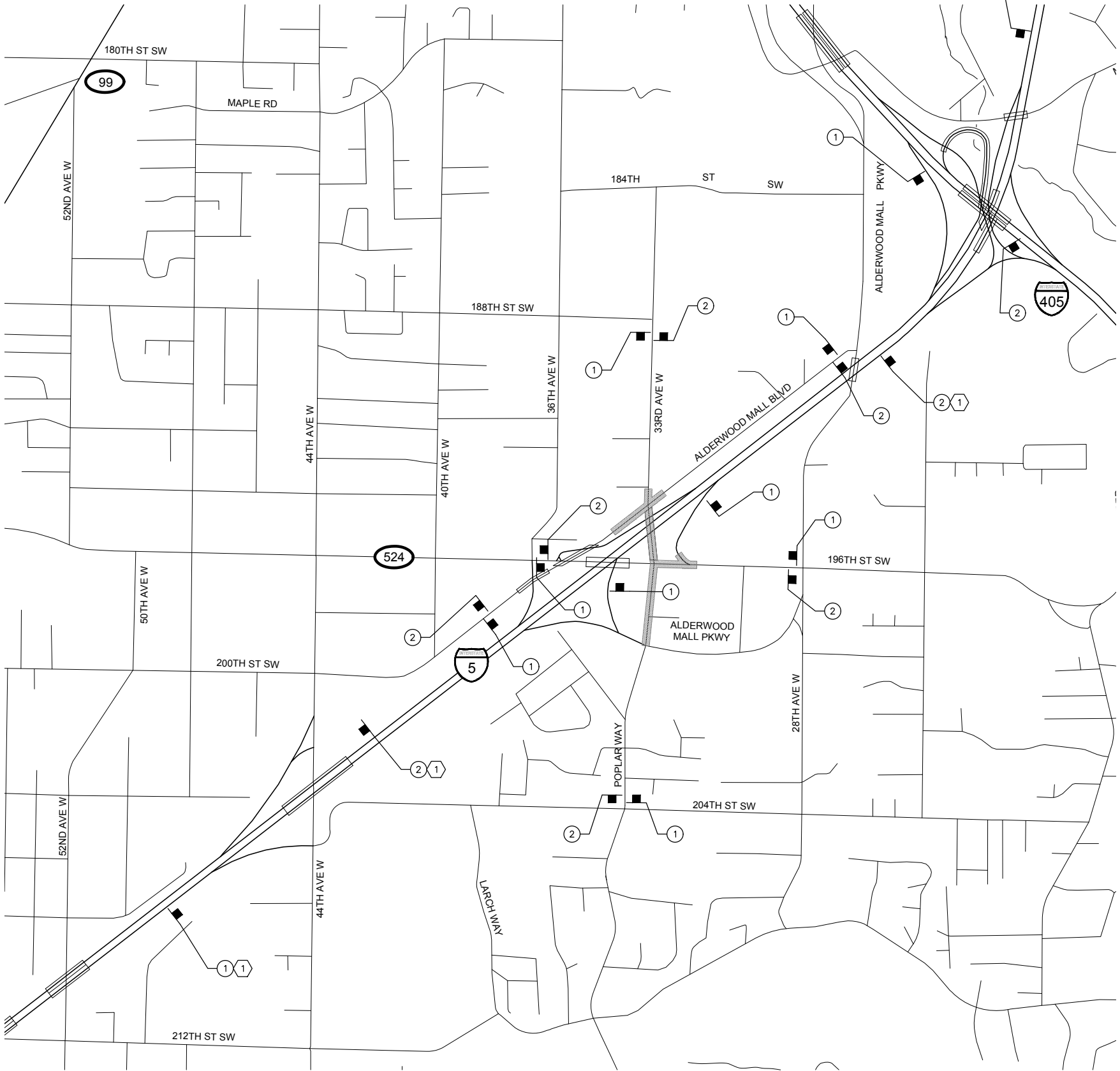
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 7
CONSTRUCTION SEQUENCING PLAN

Drawing No.	CS7
Sheet No.	307
of Total	355

Feb 27, 2024 - 1:35pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC1.dwg Layout Name: TC1 nancy.edon

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



SIGN SPACING		
I-5 & I-405	60 MPH	1500'±
SR 524/196TH ST SW & ALDERWOOD MALL BLVD	35 MPH	350'±
POPLAR WAY & 33RD AVE W	30 MPH	200'±(2)



W20-1
1



G20-2A
2

CONSTRUCTION NOTES:

- 1 INSTALL ON BOTH SIDES OF THE ROADWAY

GENERAL NOTES:

- CONTACT WSDOT SEATTLE RADIO. IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
- ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP.

LEGEND:

- CONSTRUCTION SIGN LOCATION (CLASS A)
- SIGN NO.
- WORK ZONE

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Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

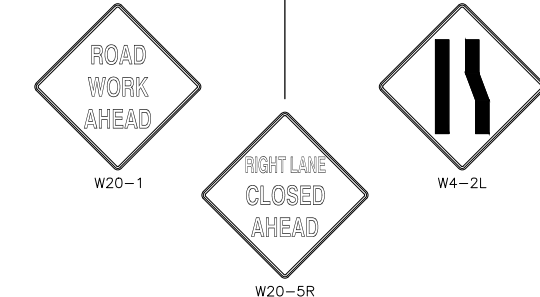
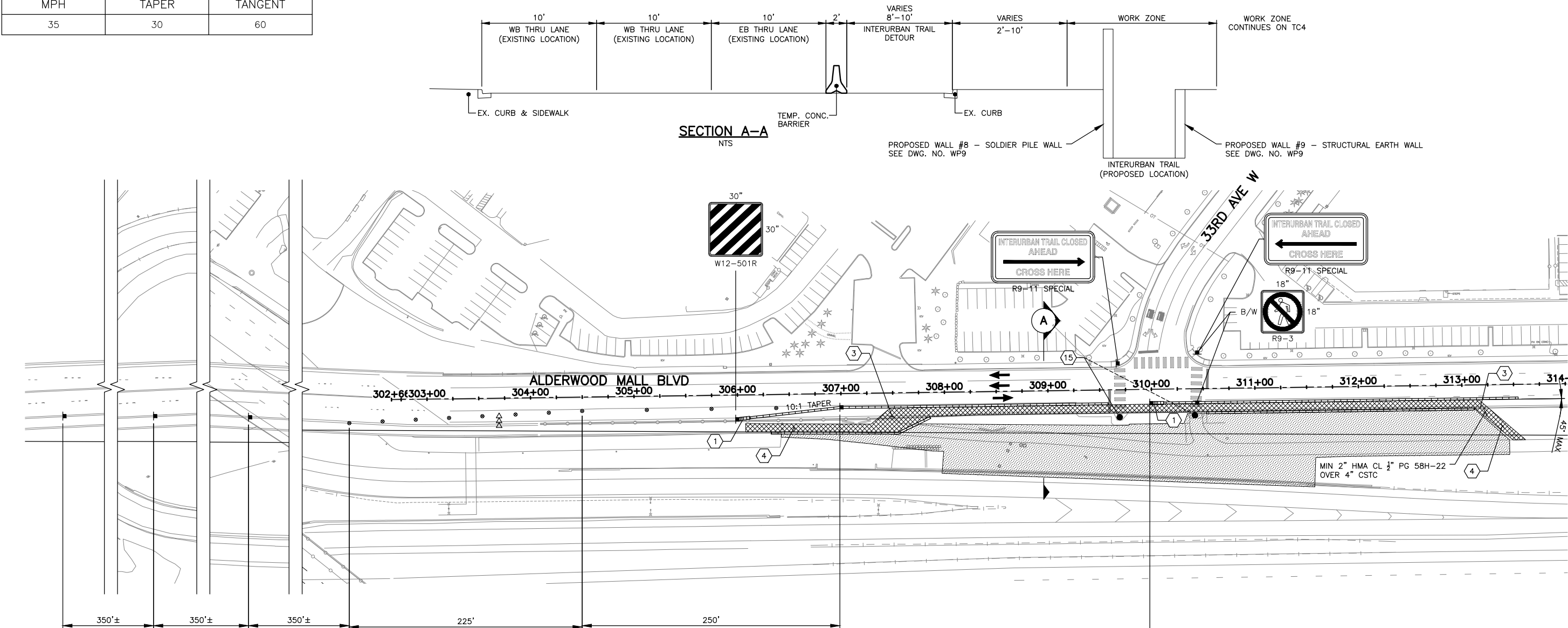
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POPLAR WAY EXTENSION BRIDGE CONSTRUCTION SIGN - CLASS A TRAFFIC CONTROL PLAN		TC1
Sheet No. 308	355	of Total

Feb 27, 2024 - 1:36pm
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nancy.edon

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO 1-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

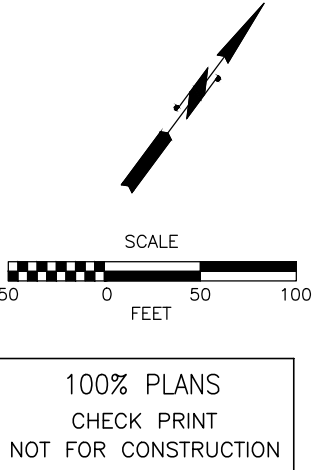
- CONSTRUCTION SIGN LOCATION (CLASS A)
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- ⇨⇨ SEQUENTIAL ARROW SIGN
- ▬ TEMPORARY CONC. BARRIER
- ▨ ACTIVE WORK AREA
- ▩ TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- ✂ TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- 1 PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 3 PROVIDE TEMPORARY PEDESTRIAN RAMP
- 4 CONSTRUCT TEMPORARY TRAIL CONNECTION:
 - MIN 8' WIDTH
 - 2% MAX CROSS SLOPE
 - 5% MAX RUNNING SLOPE
 - USE HMA WEDGE AGAINST CURB FOR TRAIL TRANSITION TO STREET WHERE BARRIER IS REMOVED FOR PERMANENT IMPROVEMENTS
- 15 RELOCATE BUS STOP

ACCEPTED TEMPORARY ATTENUATORS

SPEED	TEMPORARY ATTENUATOR
<45	QUADGUARD ELITE (5-BAY) - 24"/30"/69"/90" WIDTHS
	REACT 350 (4-BAY)
>60	SCI70GM
	QUADGUARD ELITE (8-BAY) - 24"/30"/69"/90" WIDTHS
	QUADGUARD ELITE M10 (8-BAY) - 24" WIDTH
	REACT 350 (9-BAY)
	REACT M
	SCI100GM



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S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 1
TRAFFIC CONTROL PLAN

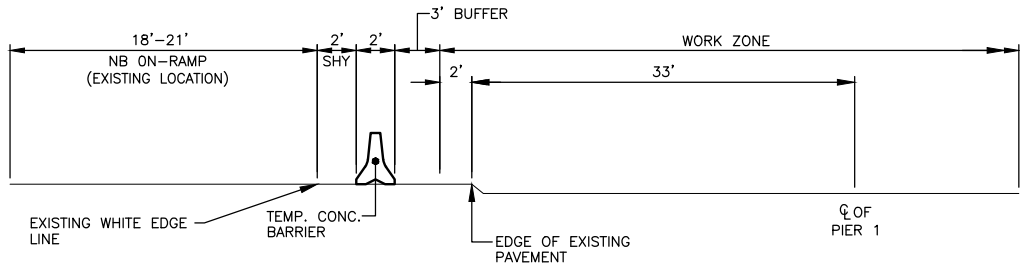
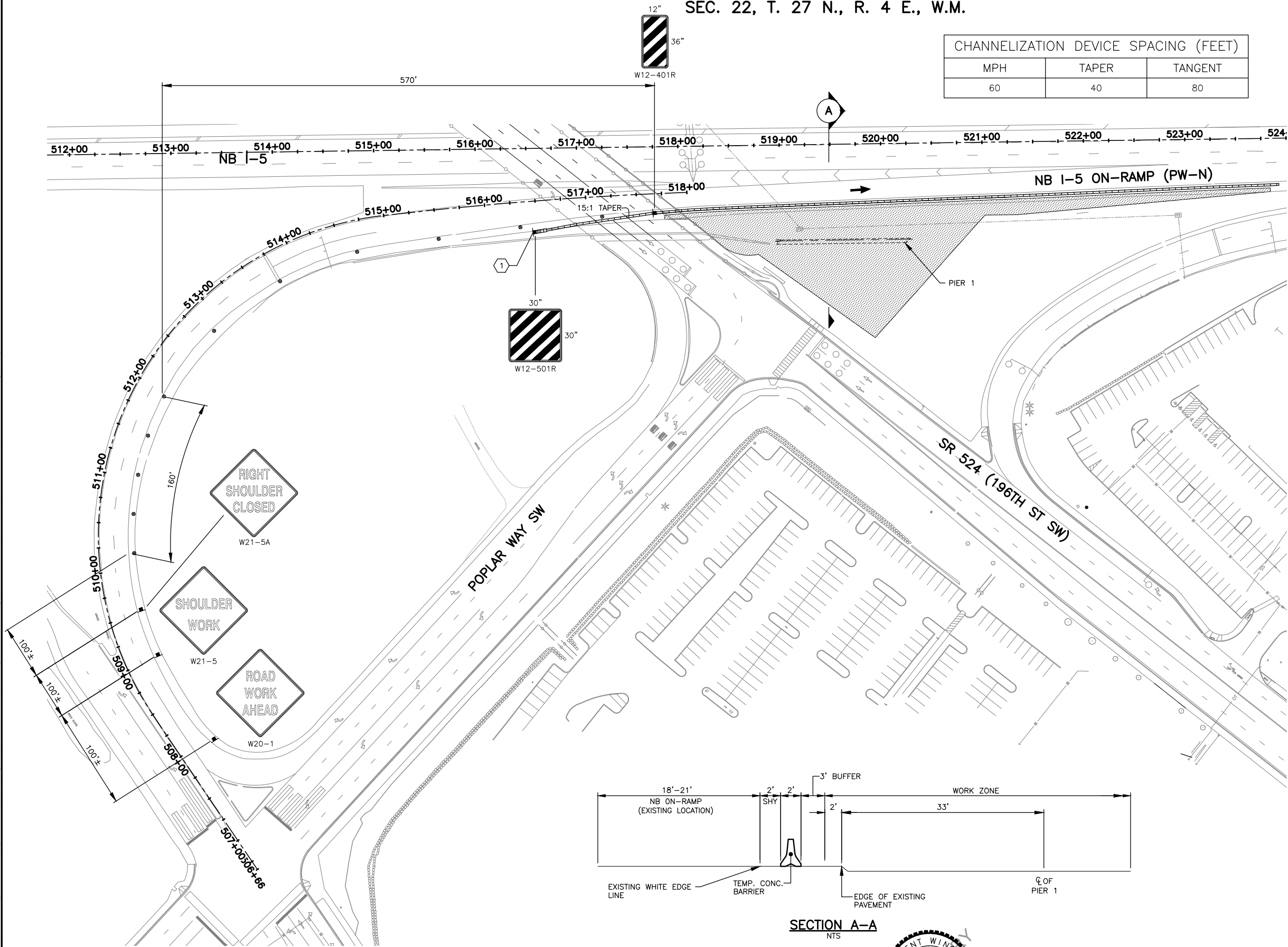
Drawing No.	TC2
Sheet No.	309
355 of Total	

Feb 27, 2024 - 1:36pm nancy.edon K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC3.dwg Layout Name: TC3

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80



NOTES:

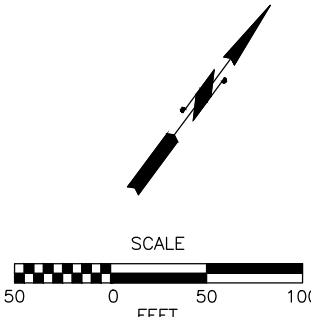
1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

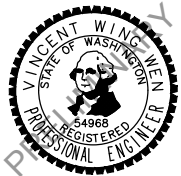
1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER



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S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2/2024
2/2/2024
2/2/2024
2/2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 1
TRAFFIC CONTROL PLAN

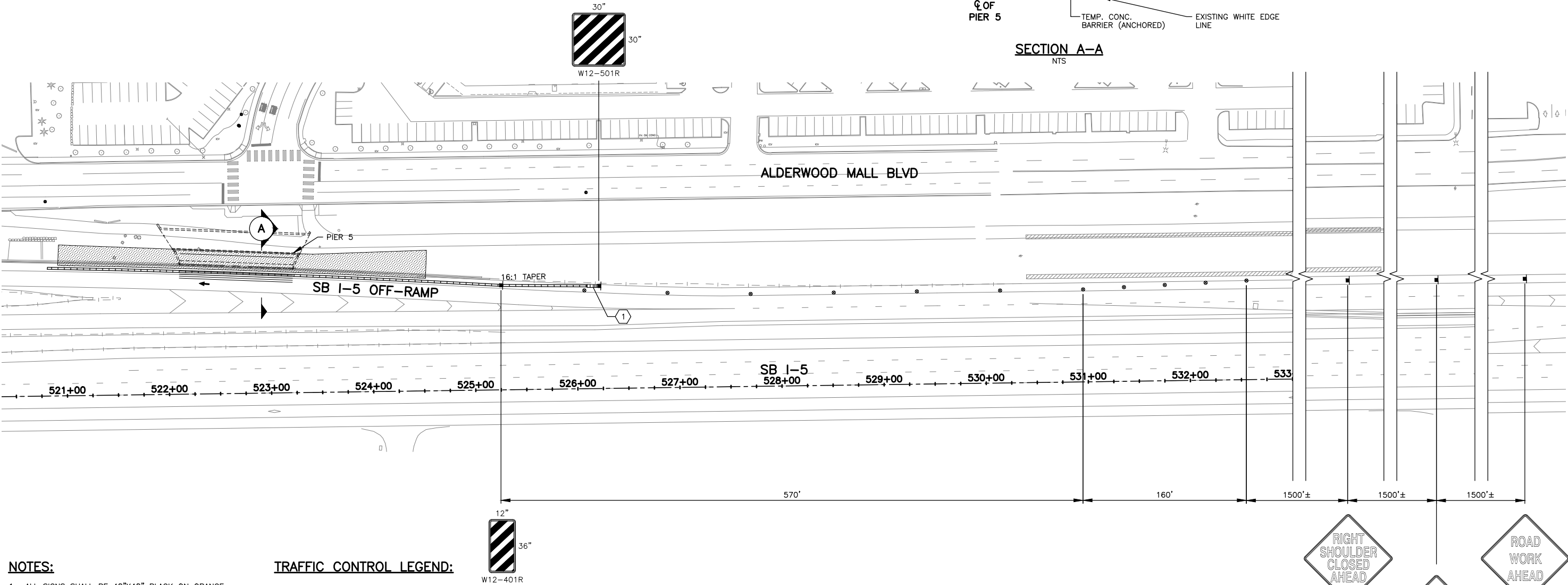
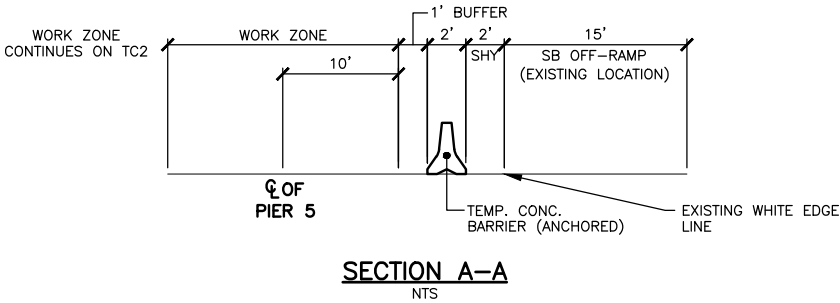
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Sheet No.
310
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of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

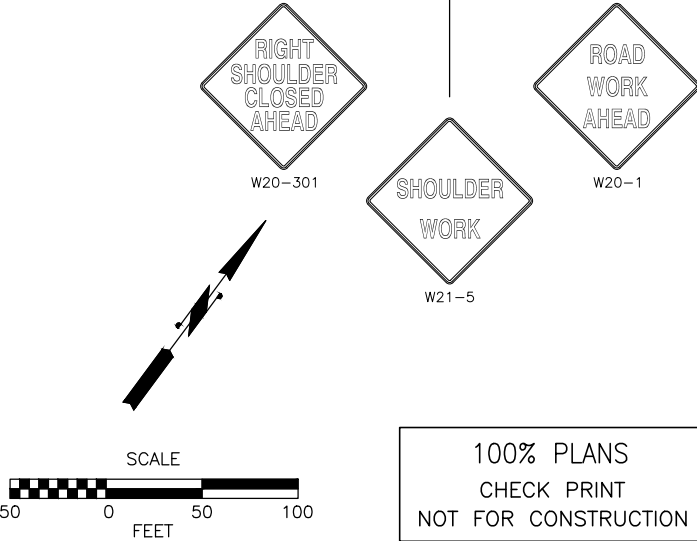
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCRDACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.



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Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 1
TRAFFIC CONTROL PLAN

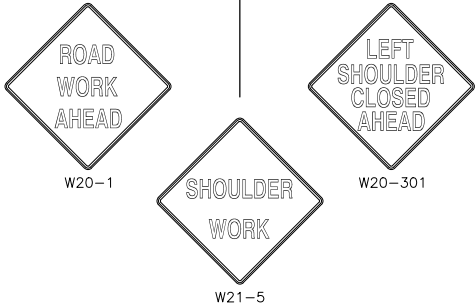
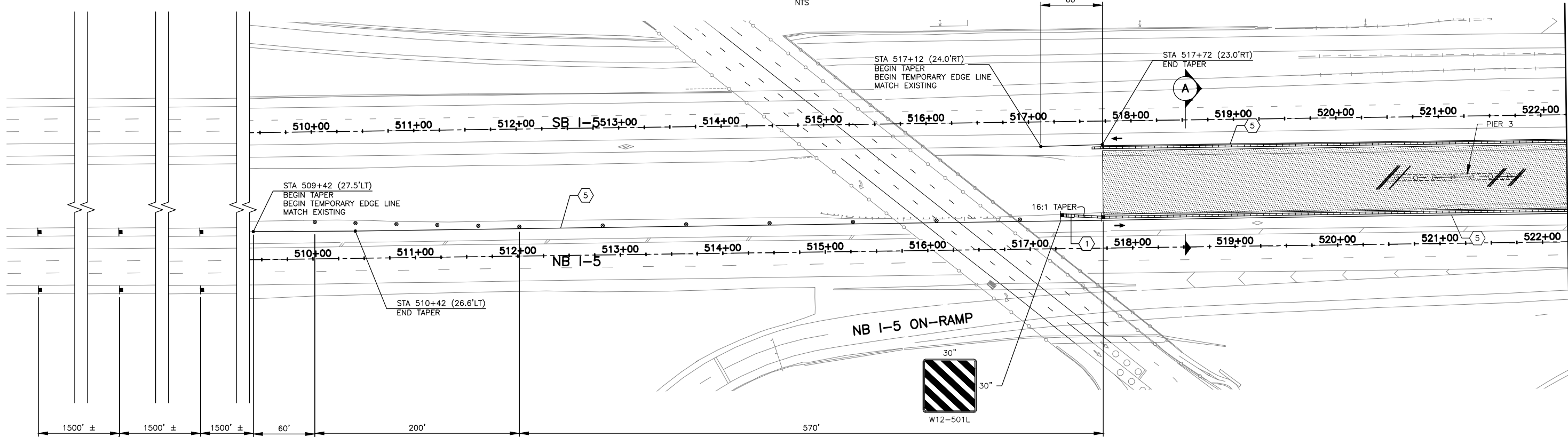
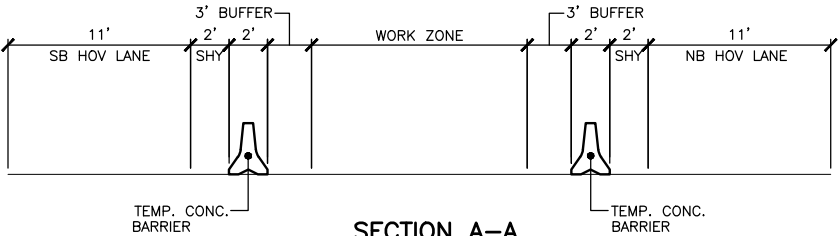
Drawing No.
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Sheet No.
311
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of Total

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FEDERAL AID NO. IMD-STPUL-2004(037)

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80



NOTES:

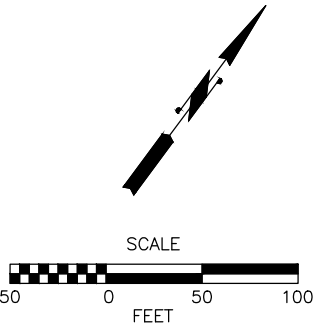
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- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- INSTALL TEMPORARY YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10-04



100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES Date 2/2024
Checked By V. WEN Date 2/2024
Approved By V. WEN Date 2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

Drawing No. TC5
Sheet No. 312 of 355

Feb 27, 2024 - 1:37pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC5.dwg Layout Name: TC6

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

NOTES:

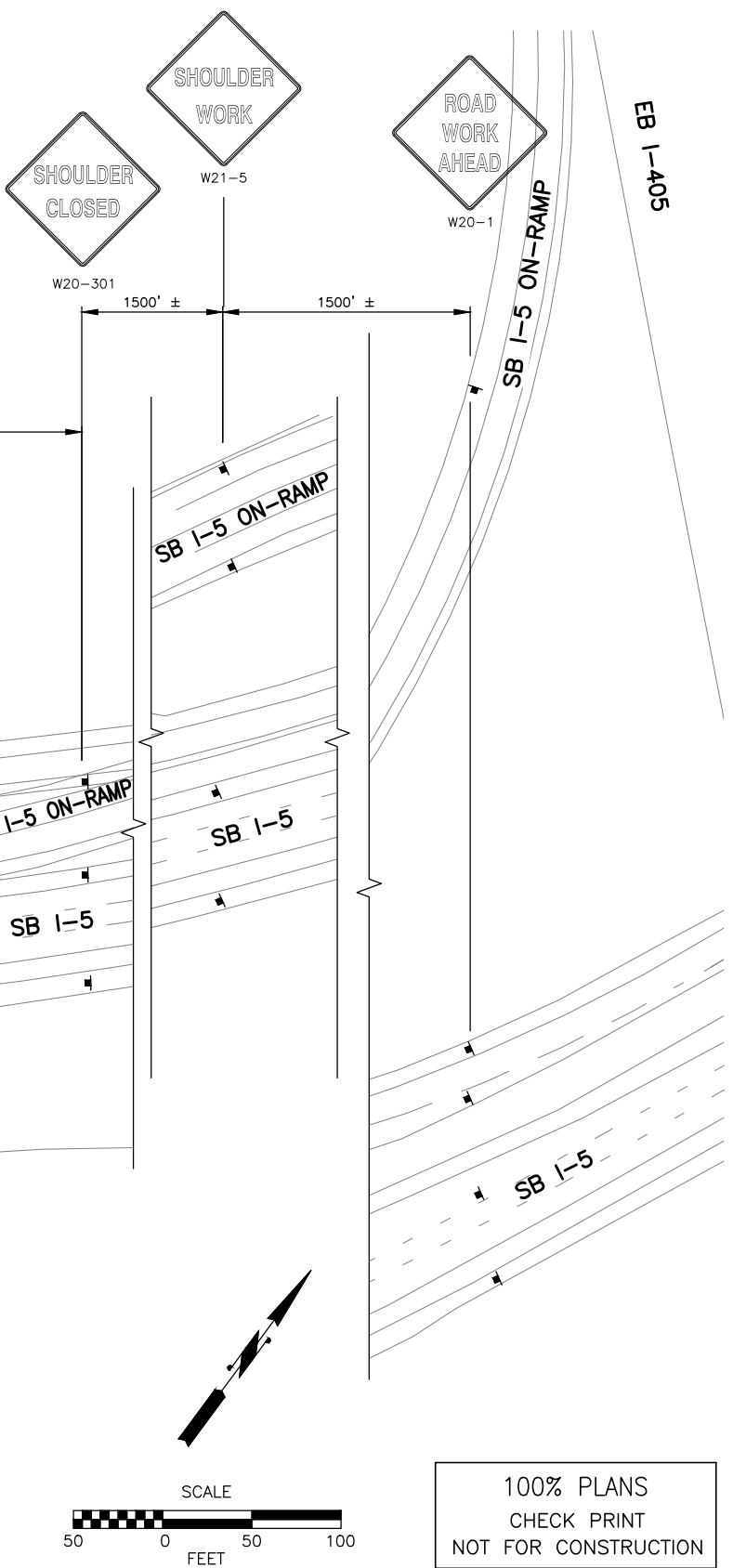
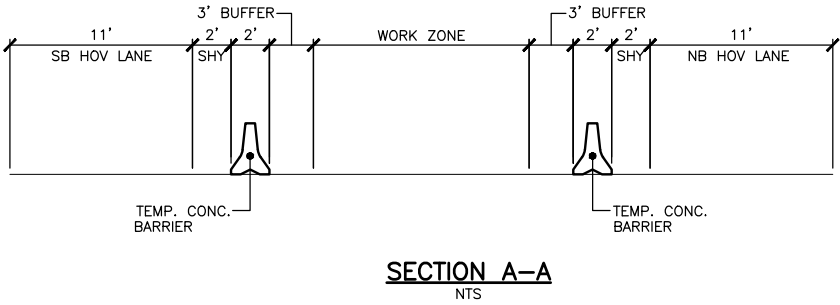
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- INSTALL TEMPORARY YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10-04



MATCH LINE
SEE DWG. NO. TC5



PERITEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



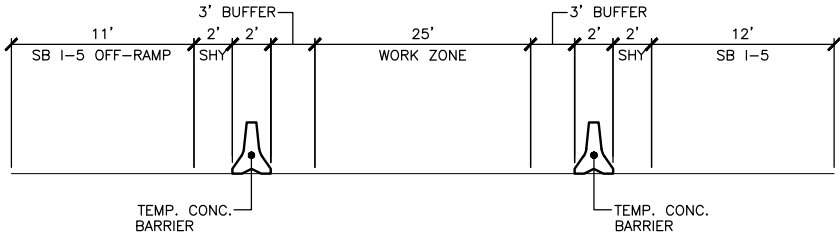
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

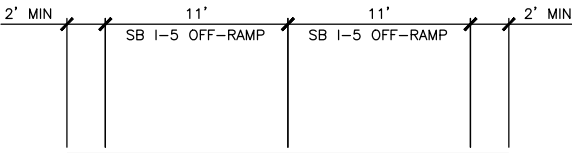
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

Drawing No.
TC6
Sheet No.
313
355
of Total

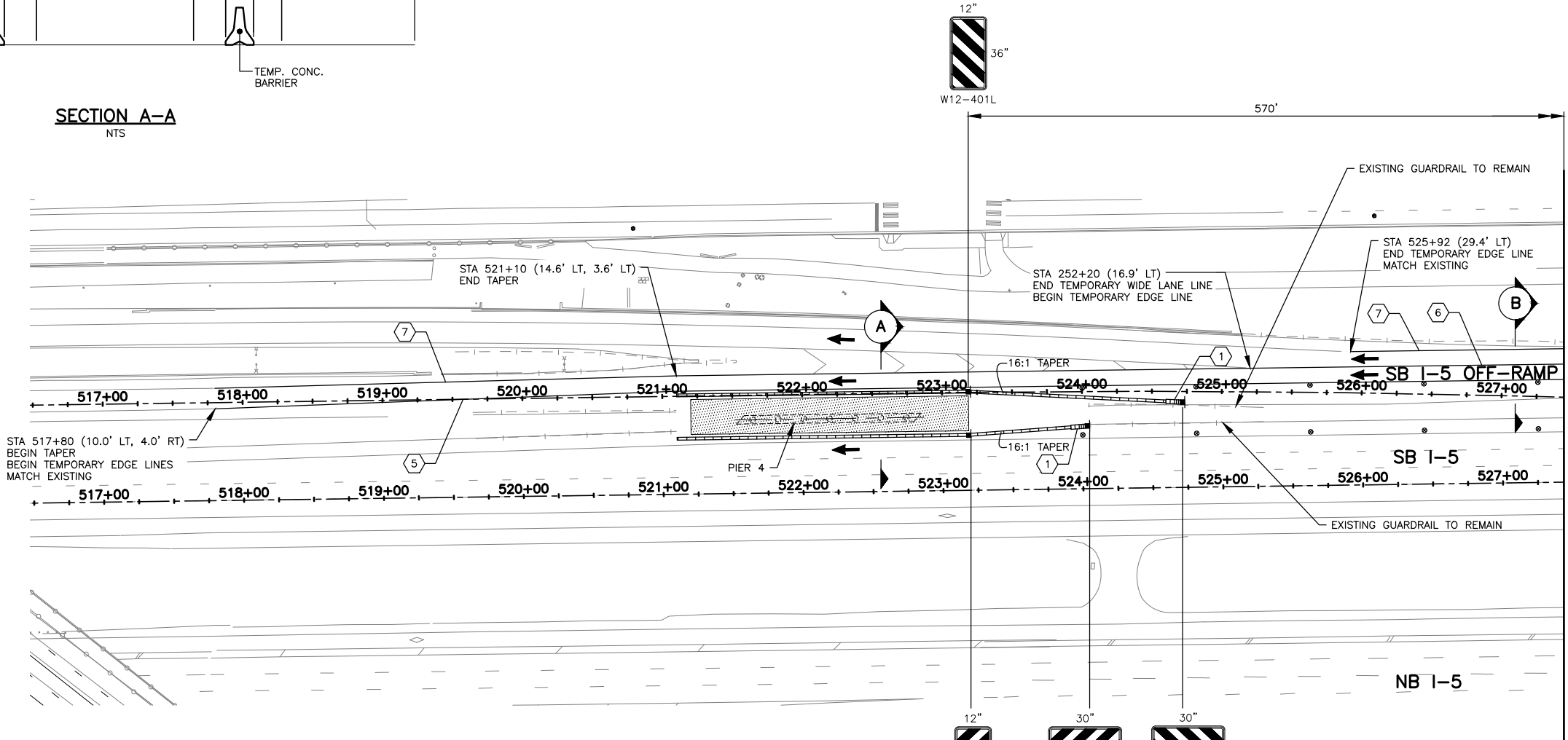
CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80



SECTION A-A
NTS



SECTION B-B



NOTES:

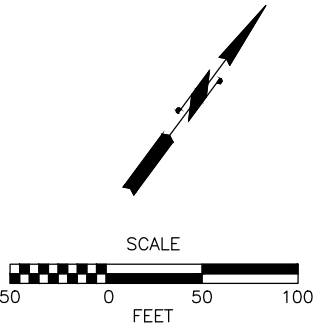
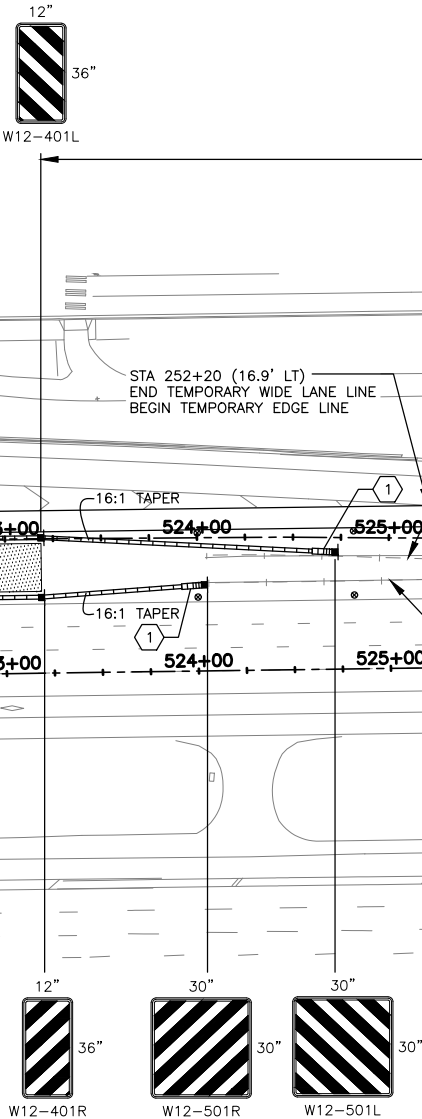
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- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- INSTALL TEMPORARY YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.50-02
- INSTALL TEMPORARY WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-04



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Feb 27, 2024 1:37pm K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC7.dwg Layout Name: TC7

No.	Date	Revision	By	Appr.

PERTEET
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EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

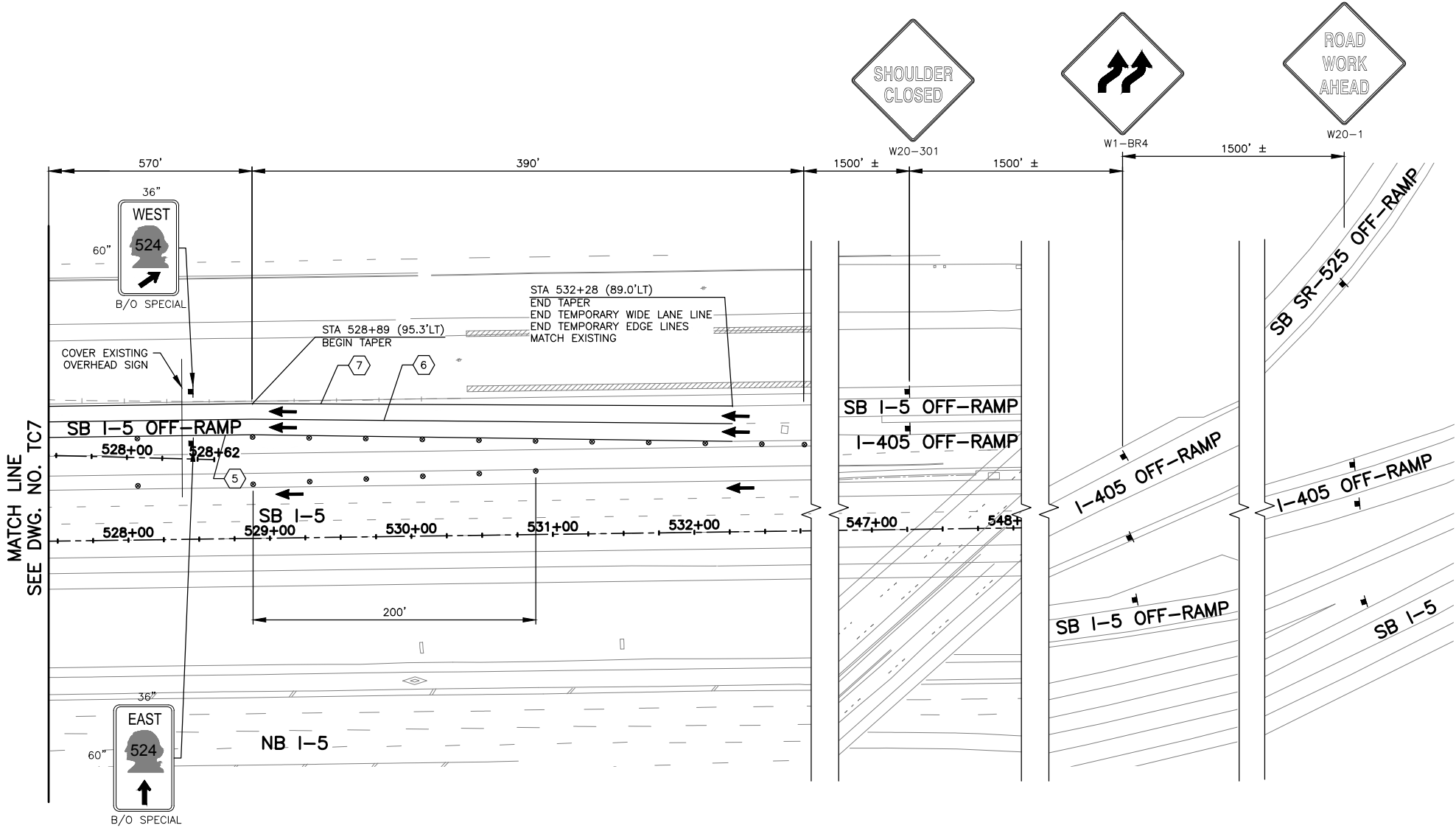
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TC7
Sheet No.
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nancy.edon
Feb 27, 2024 1:37pm

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

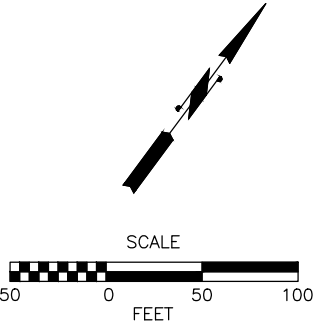
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
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- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- INSTALL TEMPORARY YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.50-02
- INSTALL TEMPORARY WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-04

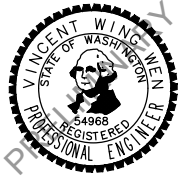


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No.	Date	Revision	By	Appr.

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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

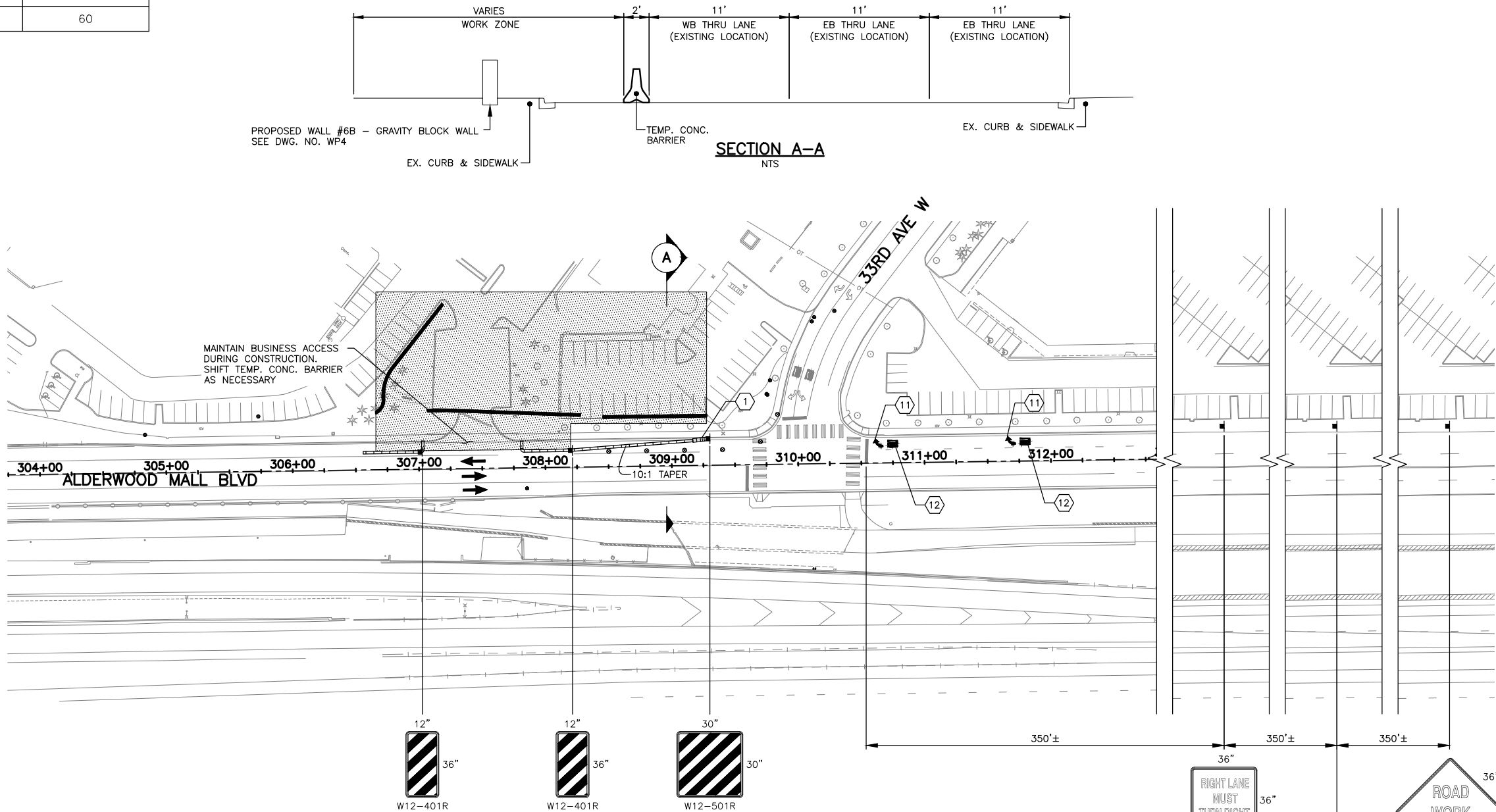
Drawing No.
TC8
Sheet No.
315
355
of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
11. INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
12. INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

Drawing No.
TC9A
Sheet No.
316
355
of Total

Feb 27, 2024 - 1:38pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC9B.dwg Layout Name: TC9

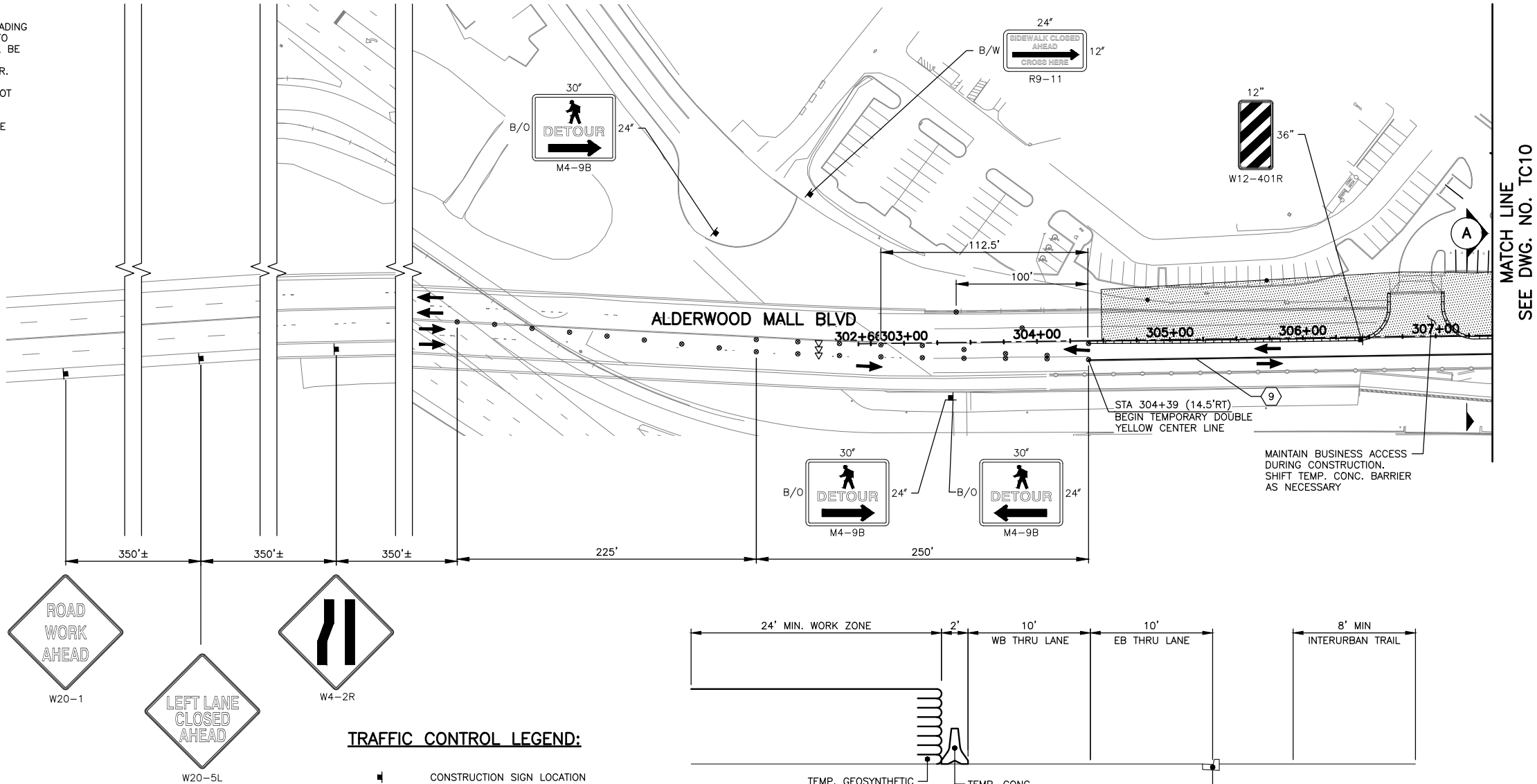
CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

CONSTRUCTION NOTES:

- 1
- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 7
- INSTALL TEMPORARY WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-04
- 9
- INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.50-02

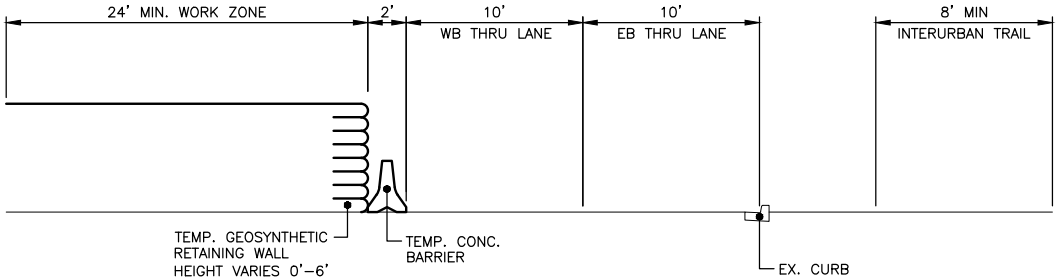


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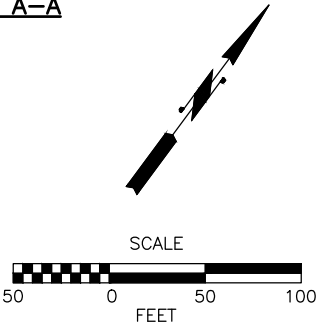
1.
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
6.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

-
- CONSTRUCTION SIGN LOCATION
-
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
-
- TYPE 2 BARRICADE
-
- SEQUENTIAL ARROW SIGN
-
- TEMPORARY CONC. BARRIER
-
- ACTIVE WORK AREA
-
- TEMPORARY INTERURBAN TRAIL DETOUR
-
- APPROXIMATE PROPOSED BUS STOP LOCATION
-
- EXISTING BUS STOP LOCATION
-
- TYPE 3 BARRICADE



SECTION A-A
NTS



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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

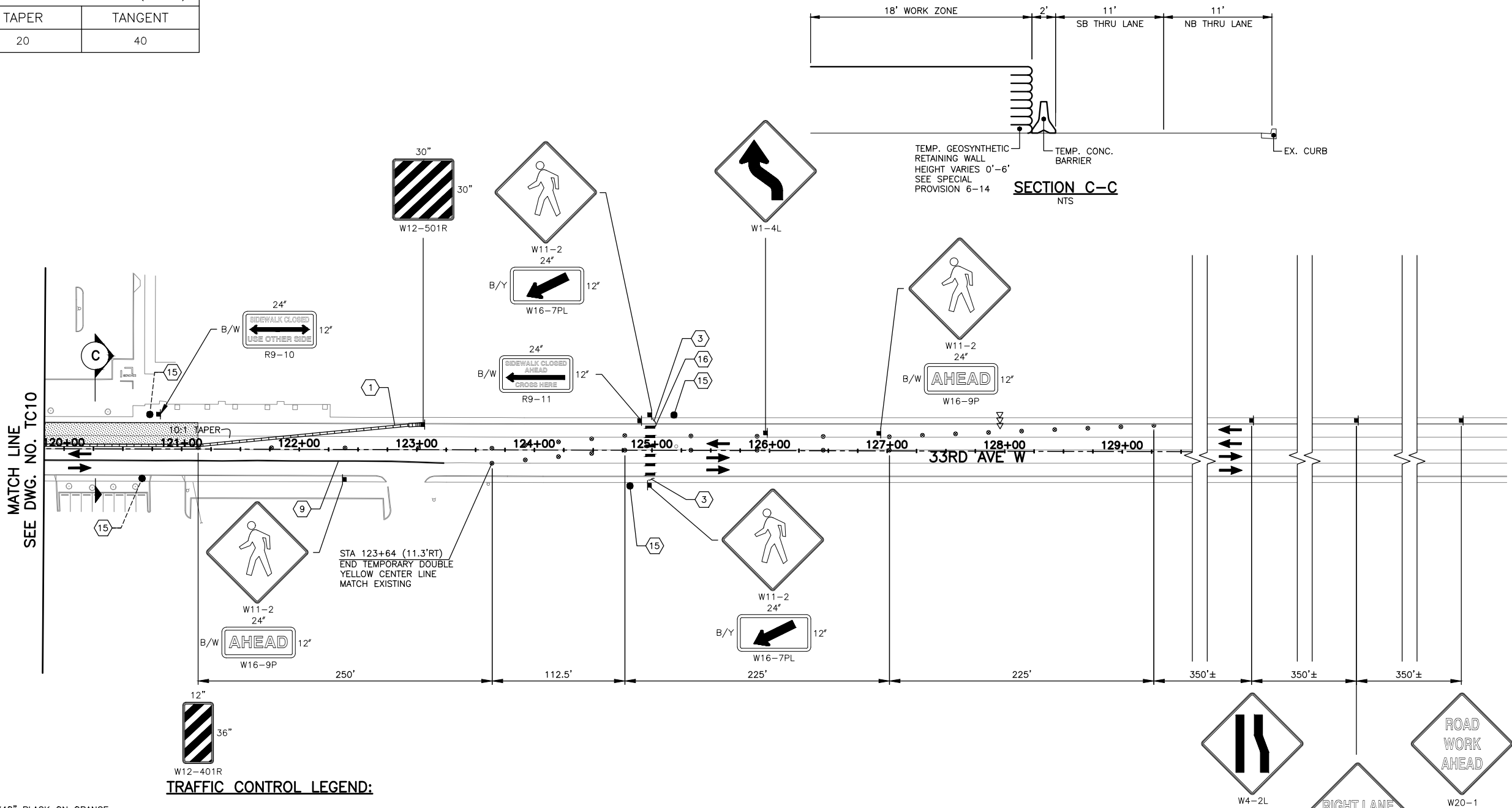
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Sheet No.
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of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
30	20	40

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

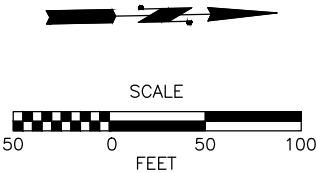
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- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- PROVIDE TEMPORARY PEDESTRIAN RAMP
- INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- RELOCATE BUS STOP
- INSTALL TEMPORARY CROSSWALK PER WSDOT STD PLAN M-15.10-01



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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 2
TRAFFIC CONTROL PLAN

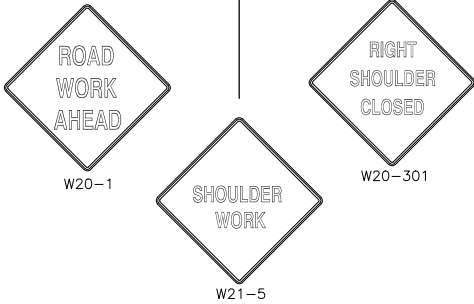
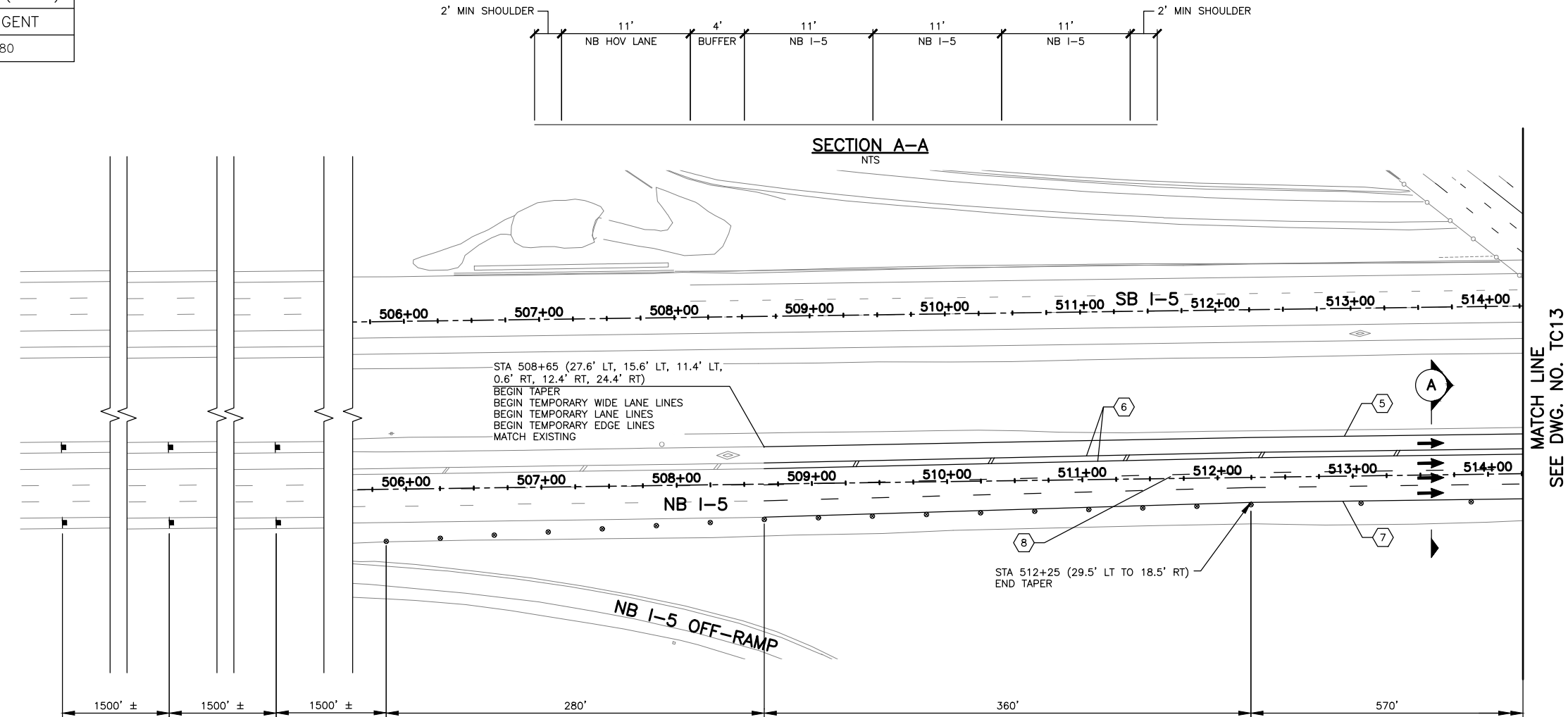
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Sheet No.
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Feb 27, 2024 -- 1:38pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC12.dwg Layout Name: TC12

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
60	40	80

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

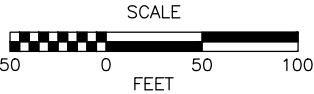
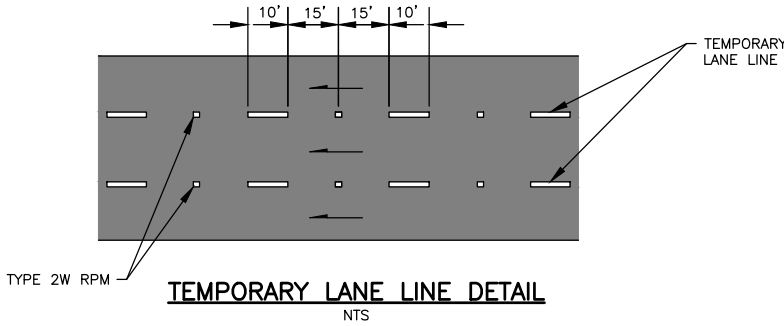
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- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- INSTALL TEMPORARY YELLOW EDGE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY LANE LINE PER DETAIL ON DWG. NO. TC12



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NOT FOR CONSTRUCTION

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LYNNWOOD
WASHINGTON



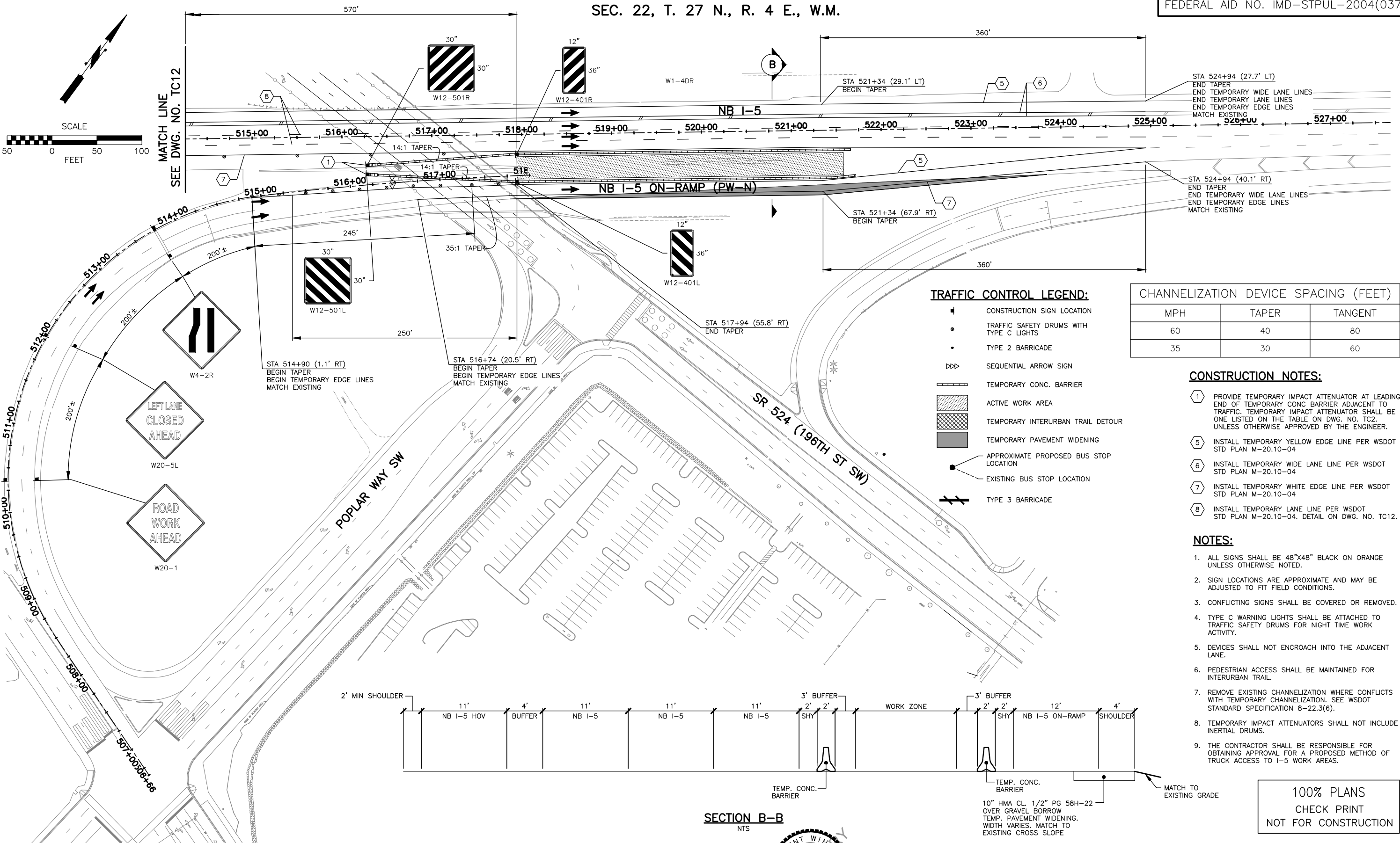
Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3
TRAFFIC CONTROL PLAN

Drawing No.
TC12
Sheet No.
320 of 355

Feb 27, 2024 - 1:38pm nancy.edon K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC12.dwg Layout Name: TC13



No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

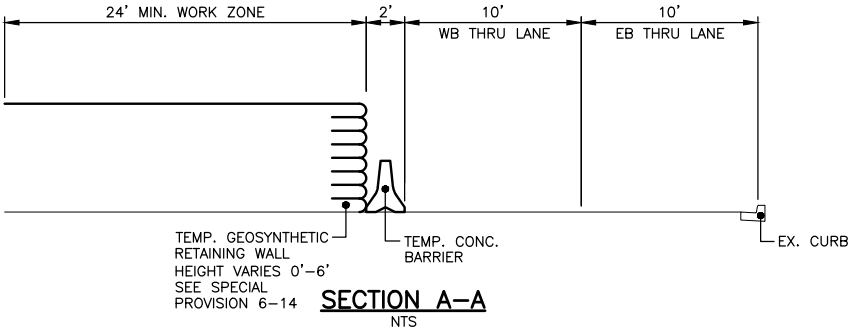
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3
TRAFFIC CONTROL PLAN

Drawing No.
TC13
Sheet No.
321
355
of Total

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60



CONSTRUCTION NOTES:

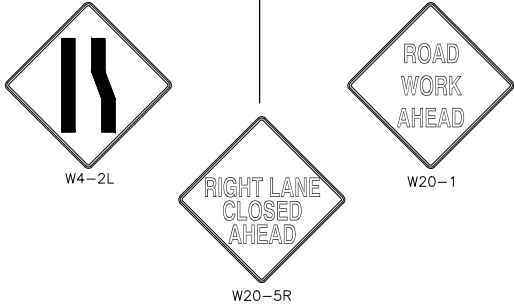
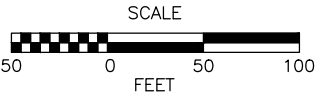
- 1 PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 3 PROVIDE TEMPORARY PEDESTRIAN RAMP
- 4 CONSTRUCT TEMPORARY TRAIL CONNECTION:
 - MIN 2" HMA CL 1/2" PG 58H-22 OVER 4" CSTC
 - MIN 4' WIDTH
 - 2% MAX CROSS SLOPE
 - 5% MAX RUNNING SLOPE
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 16 INSTALL TEMPORARY CROSSWALK PER WSDOT STD PLAN M-15.10-01

NOTES:

1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE



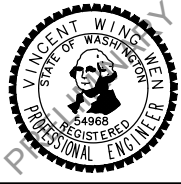
100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

Feb 27, 2024 - 1:39pm nancy.edon K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC14.dwg Layout Name: TC15

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3
TRAFFIC CONTROL PLAN

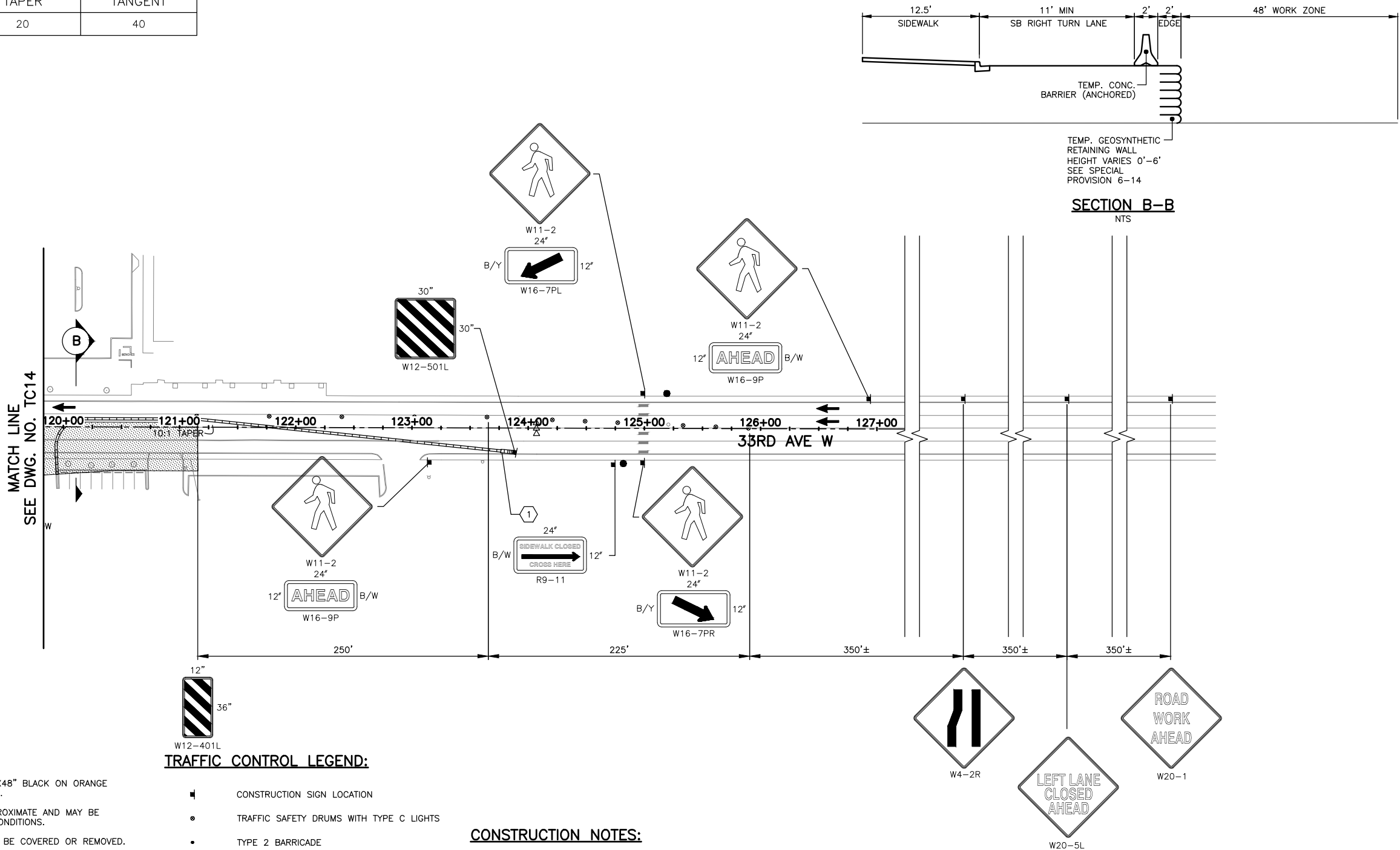
Drawing No.
TC15
Sheet No.
323
355
of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
30	20	40

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

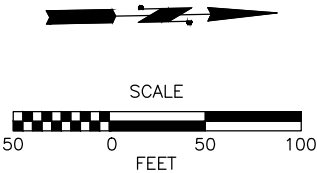
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.



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No.	Date	Revision	By	Appr.

PERTEET
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LYNNWOOD
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3
TRAFFIC CONTROL PLAN

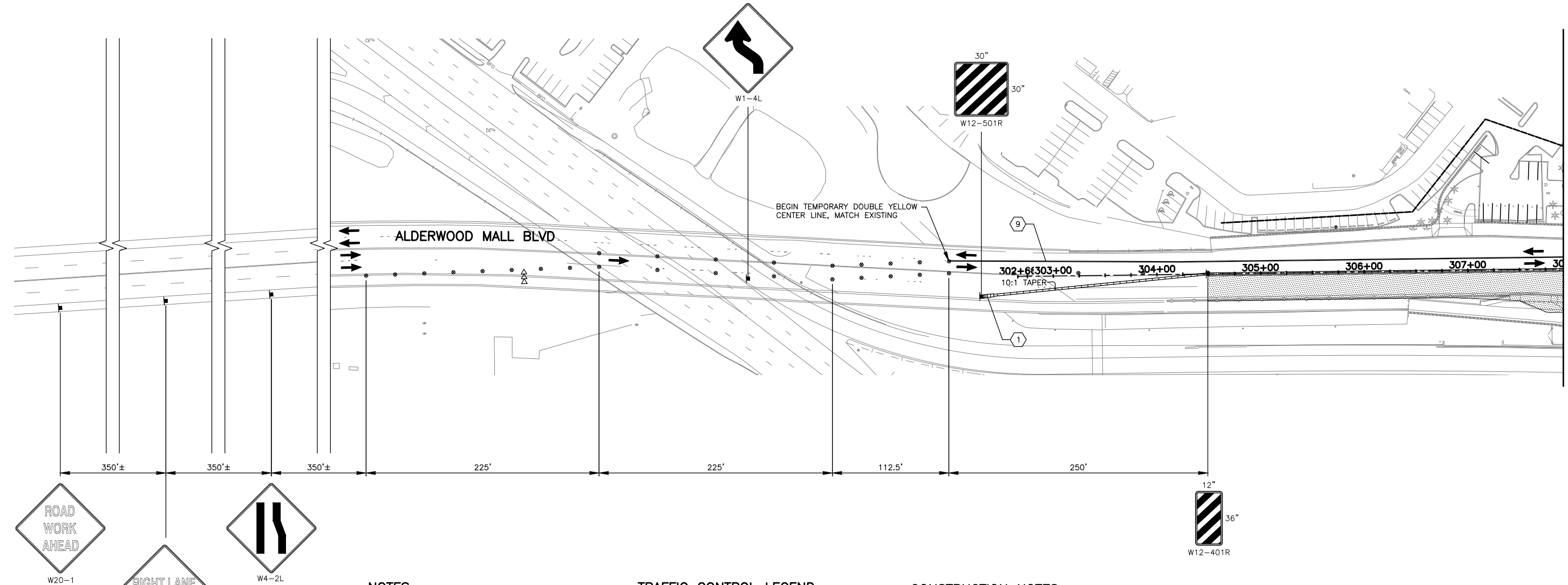
Drawing No.	TC16
Sheet No.	324
355 of Total	

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



MATCH LINE
SEE DWG. NO. TC18

NOTES:

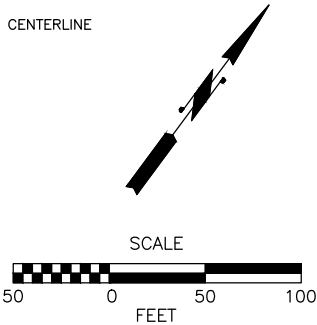
1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
9. INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04

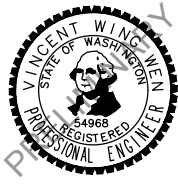


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No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4
TRAFFIC CONTROL PLAN

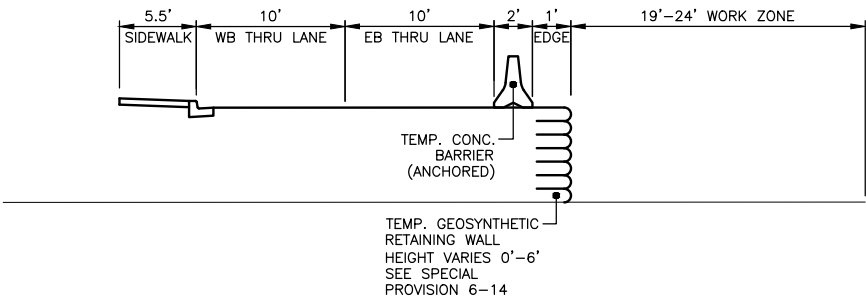
Drawing No.
TC17
Sheet No.
325
355
of Total

Feb 27, 2024 - 1:40pm nancy.edon K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC17.dwg Layout Name: TC18

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

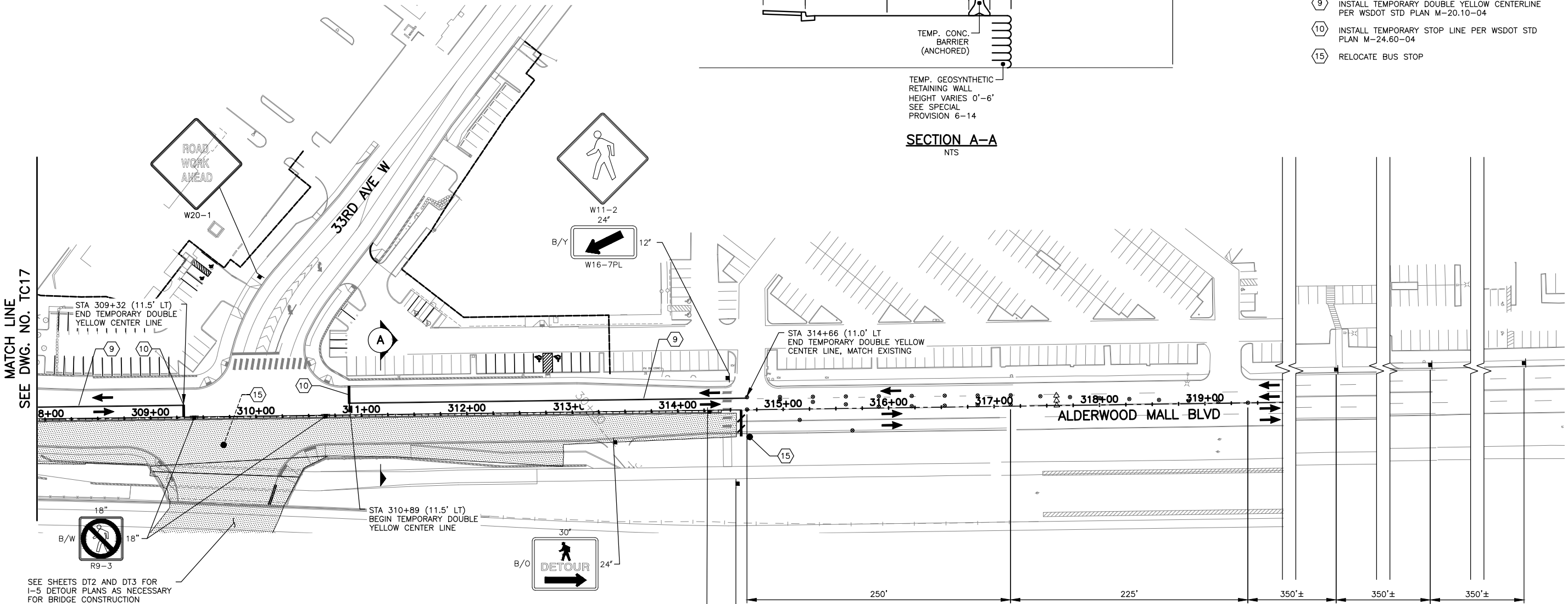
SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



CONSTRUCTION NOTES:

- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 10 INSTALL TEMPORARY STOP LINE PER WSDOT STD PLAN M-24.60-04
- 15 RELOCATE BUS STOP

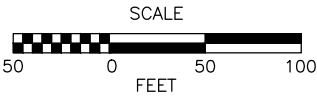


NOTES:

- ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE



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PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4
TRAFFIC CONTROL PLAN

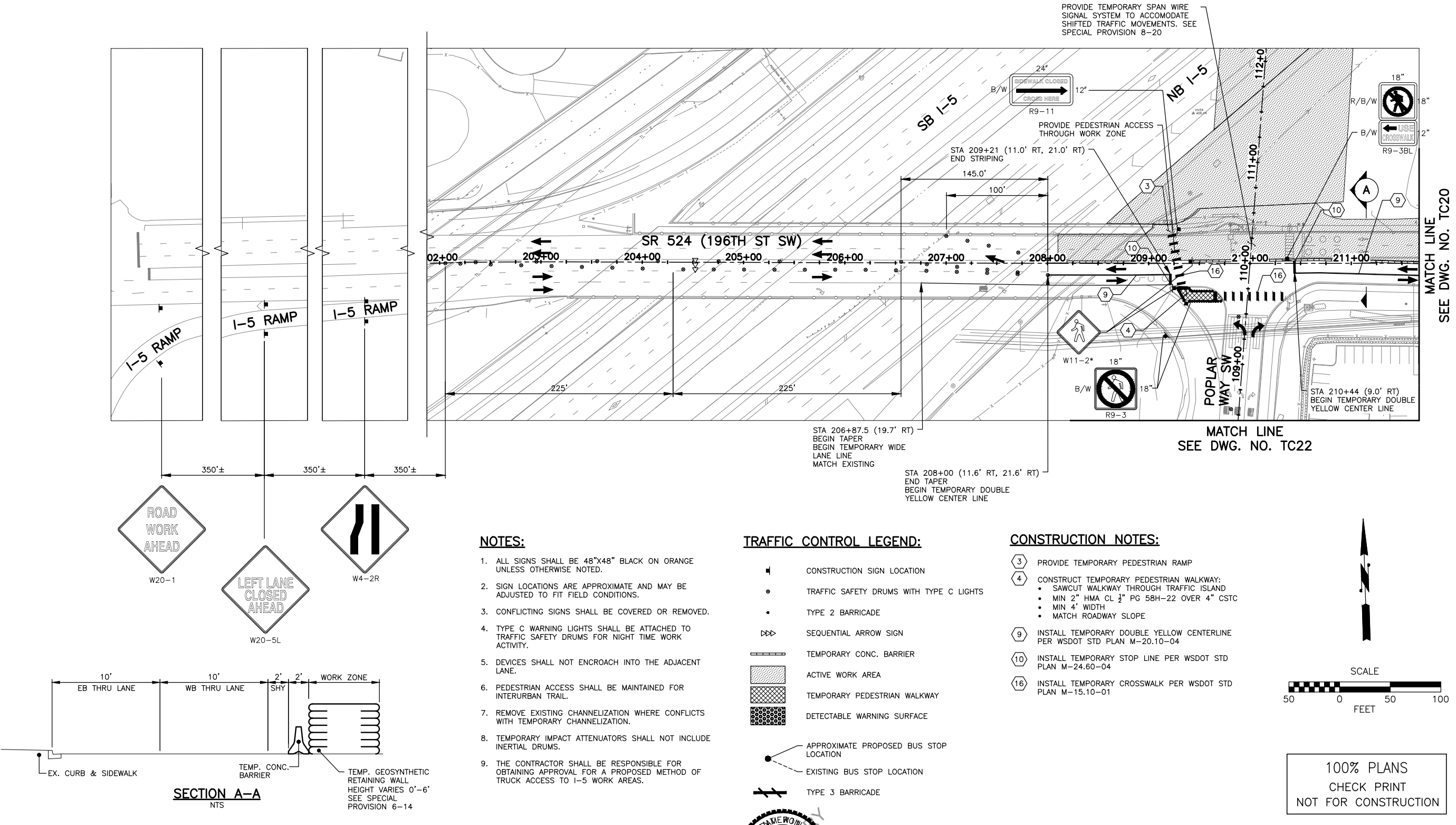
Drawing No.
TC18
Sheet No.
326
355
of Total

Feb 27, 2024 - 1:40pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC19.dwg Layout Name: TC19

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

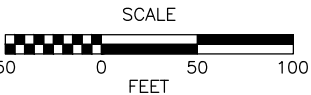
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY PEDESTRIAN WALKWAY
- DETECTABLE WARNING SURFACE
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY PEDESTRIAN RAMP
- CONSTRUCT TEMPORARY PEDESTRIAN WALKWAY:
 - SAWCUT WALKWAY THROUGH TRAFFIC ISLAND
 - MIN 2" HMA CL 1/2" PG 58H-22 OVER 4" CSTC
 - MIN 4' WIDTH
 - MATCH ROADWAY SLOPE
- INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL TEMPORARY CROSSWALK PER WSDOT STD PLAN M-15.10-01



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2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
R. BARRON
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 5
TRAFFIC CONTROL PLAN

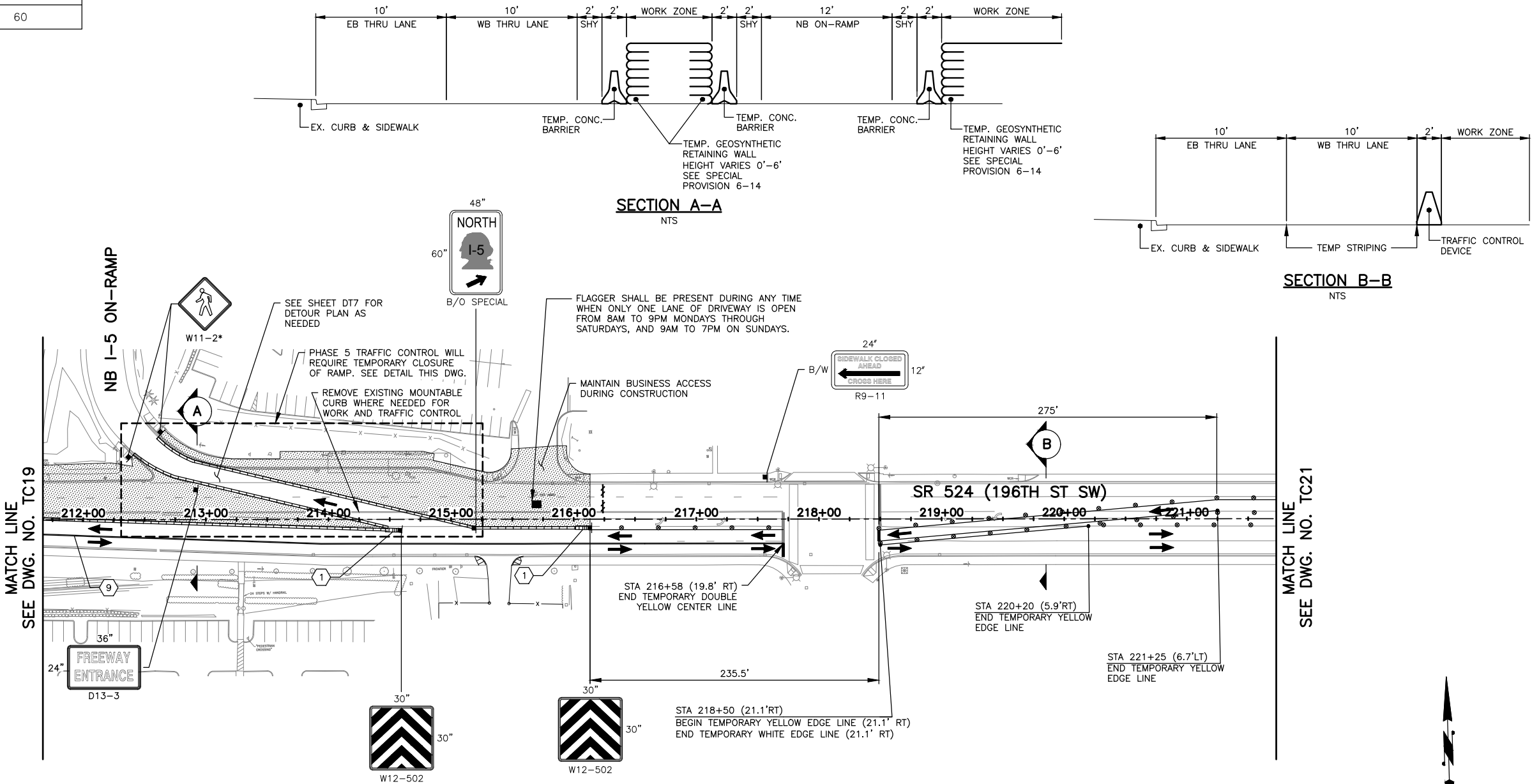
Drawing No.
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Sheet No.
327
355 of Total

Feb 27, 2024 - 1:40pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC19.dwg Layout Name: TC20

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

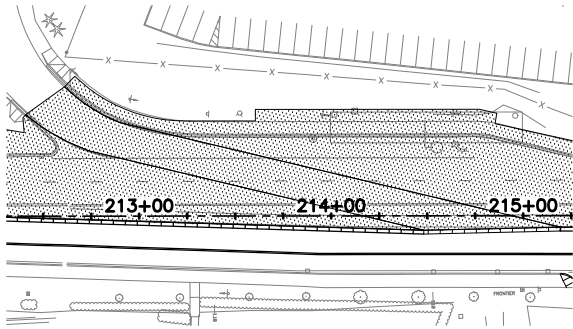
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

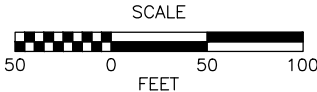
- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04



NB I-5 ON-RAMP CLOSURE DETAIL

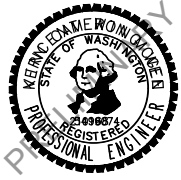


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NOT FOR CONSTRUCTION



PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
B. BARKER
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 5
TRAFFIC CONTROL PLAN

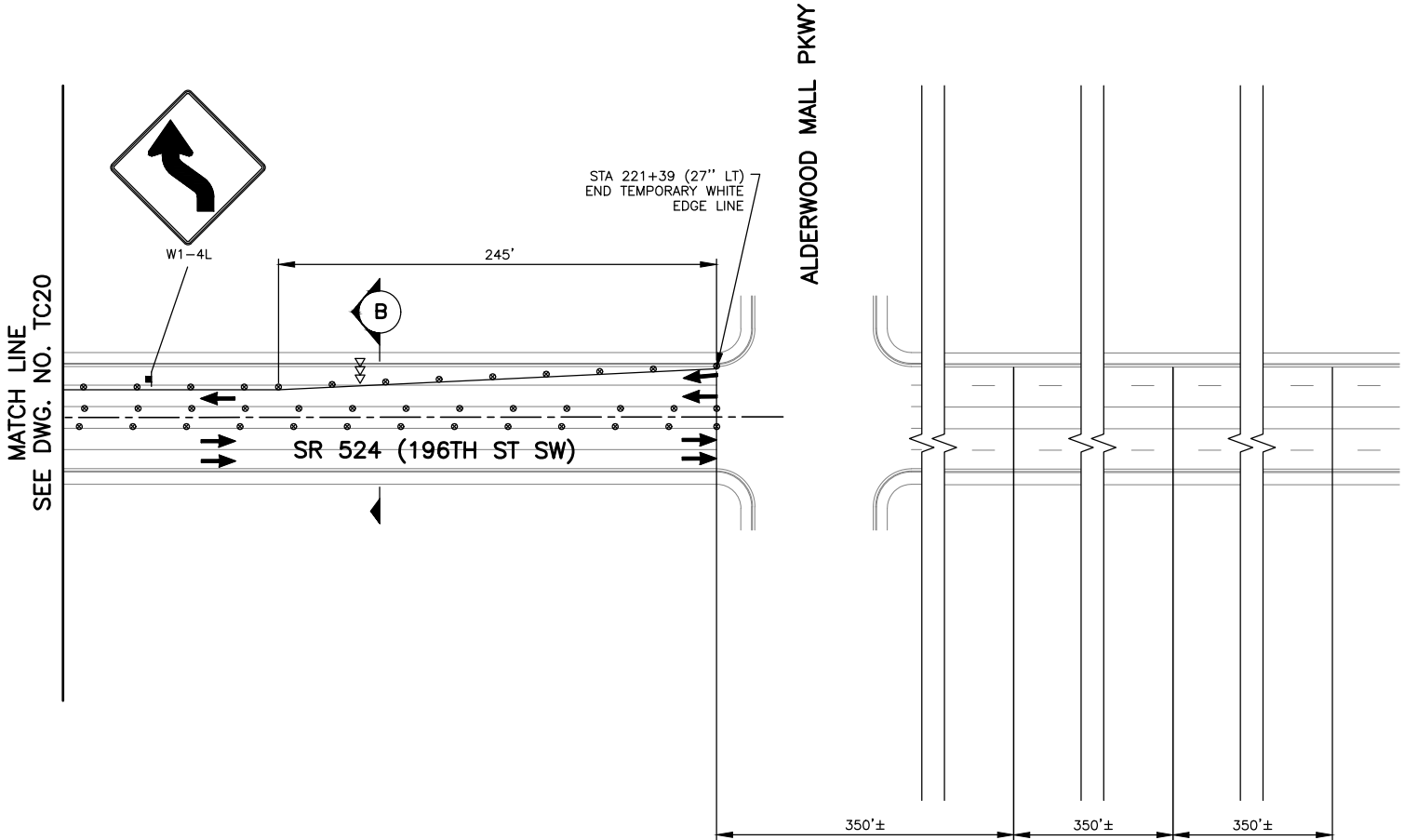
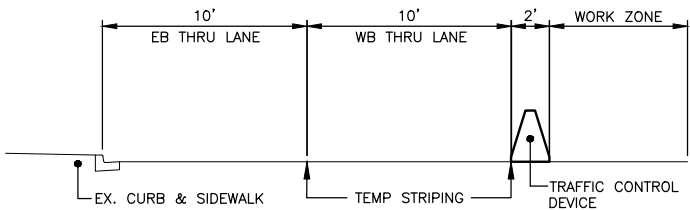
Drawing No.
TC20
Sheet No.
328
355
of Total

Feb 27, 2024 - 1:41pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC19.dwg Layout Name: TC21

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

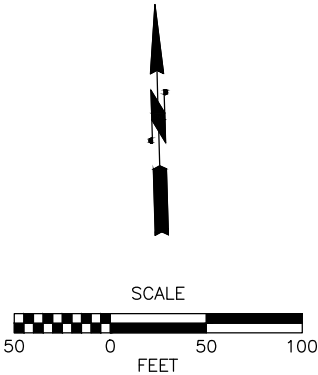
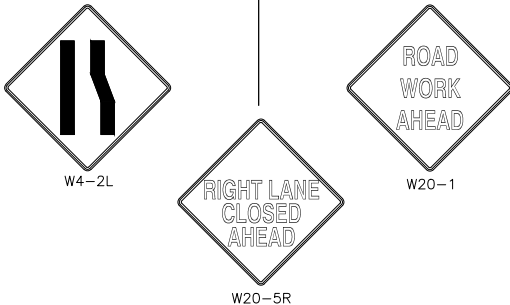


NOTES:

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- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO 1-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE



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Drawn By
S. DELAVARPOUR
Designed By
B. BARNES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 5
TRAFFIC CONTROL PLAN

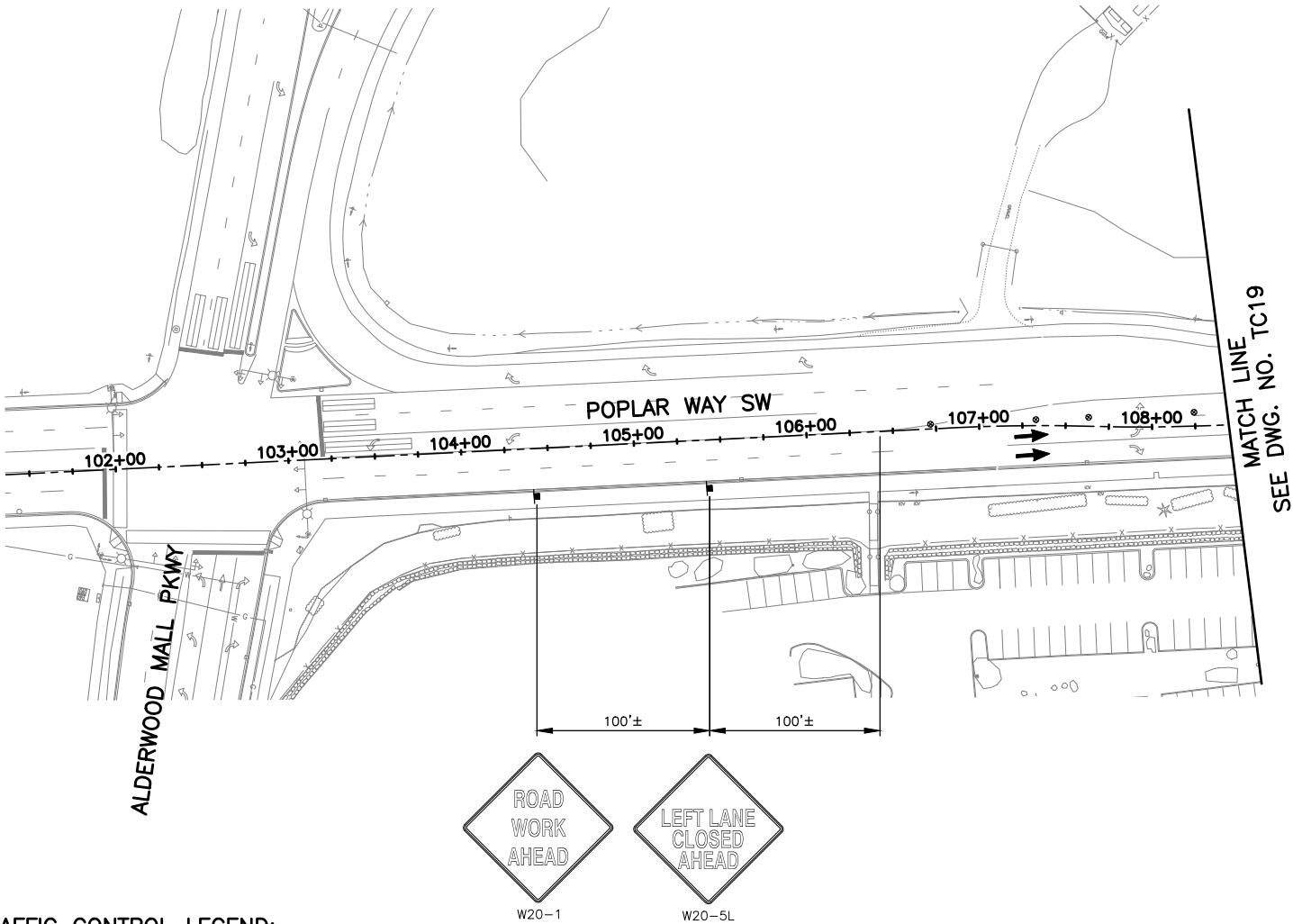
Drawing No.
TC21
Sheet No.
329
355
of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
30	20	40

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

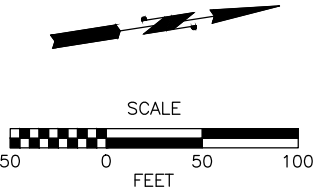
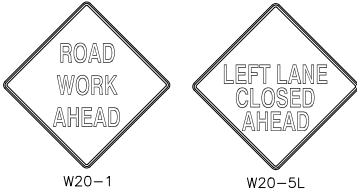


NOTES:

- 1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- 7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE



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LYNNWOOD
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
R. BARTHOLOMEW	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

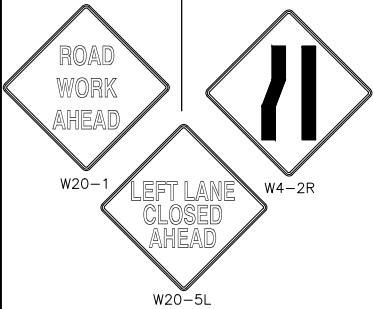
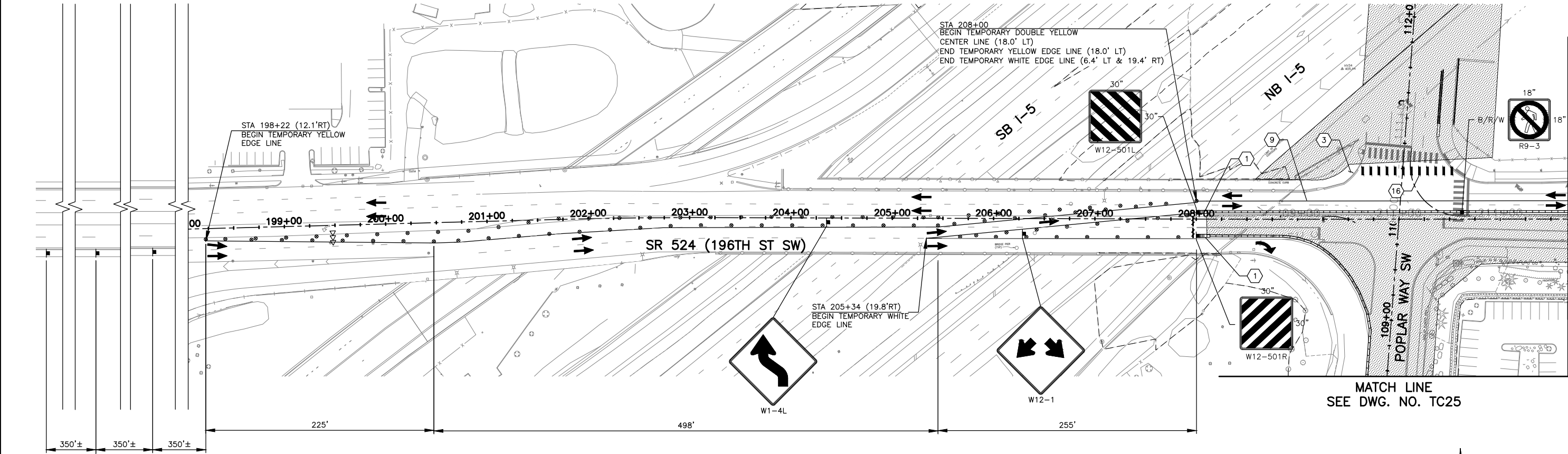
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 5
TRAFFIC CONTROL PLAN

Drawing No.	TC22
Sheet No.	330
355 of Total	

Feb 27, 2024 - 1:41pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC23.dwg Layout Name: TC23

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

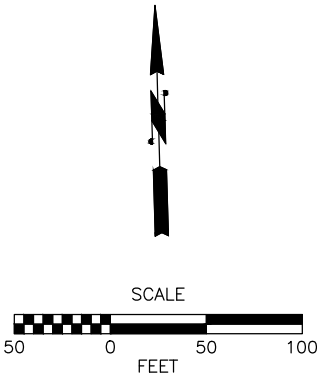
1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
6. PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
7. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
8. TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

1. PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. PROVIDE TEMPORARY PEDESTRIAN RAMP PER DETAIL ON DWG. NO TC33
9. INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
16. INSTALL TEMPORARY CROSSWALK PER WSDOT STD PLAN M-15.10-01



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No.	Date	Revision	By	Appr.

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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
R. BARTHOLOMEW
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 6
TRAFFIC CONTROL PLAN

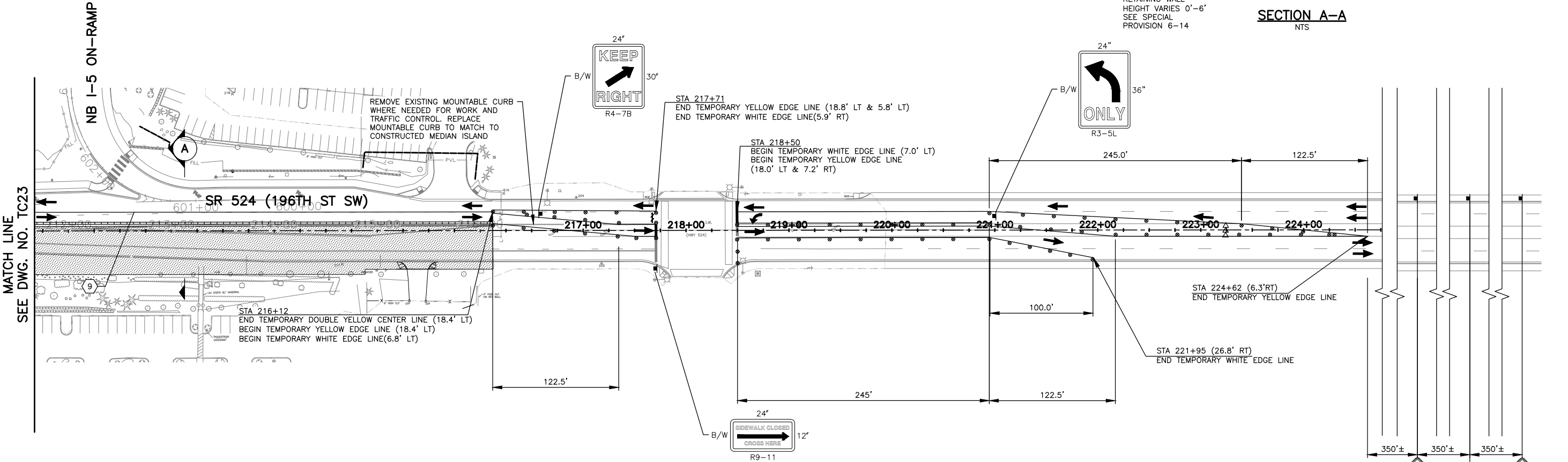
Drawing No.
TC23
Sheet No.
331 of 355

Feb 27, 2024 - 1:41pm nancy.edon K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC23.dwg Layout Name: TC24

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

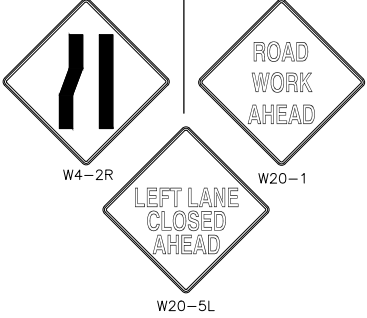
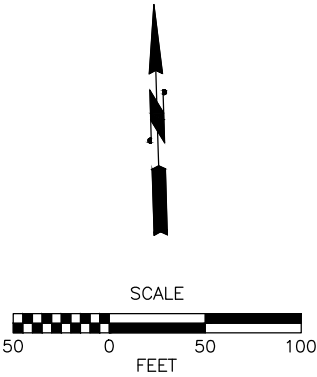
- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04



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No.	Date	Revision	By	Appr.

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LYNNWOOD
WASHINGTON



Drawn By: S. DELAVARPOUR
Designed By: S. DELAVARPOUR
Checked By: V. WEN
Approved By: V. WEN
Date: 2/2024

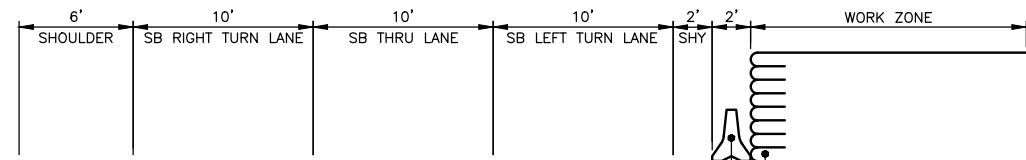
SCALE
Horiz: 1" = 50'
Vert: N/A
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 6
TRAFFIC CONTROL PLAN

Drawing No. TC24
Sheet No. 332 of 355

Feb 27, 2024 - 1:42pm nancy.edon X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC23.dwg Layout Name: TC25

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
30	20	40



SECTION B-B
NTS

TEMP. CONC. BARRIER
TEMP. GEOSYNTHETIC RETAINING WALL
HEIGHT VARIES 0'-6'
SEE SPECIAL PROVISION 6-14

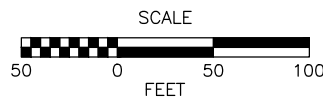
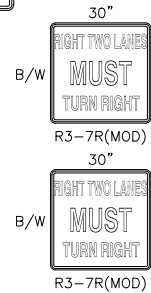
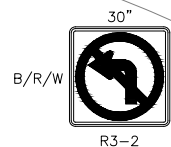
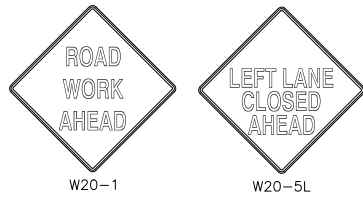
SEE SHEET DT4 FOR TRAFFIC AND PEDESTRIAN DETOUR PLAN

STA 105+41 (39.3' LT)
BEGIN TEMPORARY WIDE LANE LINE

STA 104+72 (29.3' LT)
BEGIN TEMPORARY WIDE LANE LINE

STA 102+96 (29.3' LT, 39.3' LT)
END TEMPORARY WIDE LANE LINES

NB I-5 ON-RAMP
NB I-5 OFF-RAMP



MATCH LINE
SEE DWG. NO. TC23

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

CONSTRUCTION NOTES:

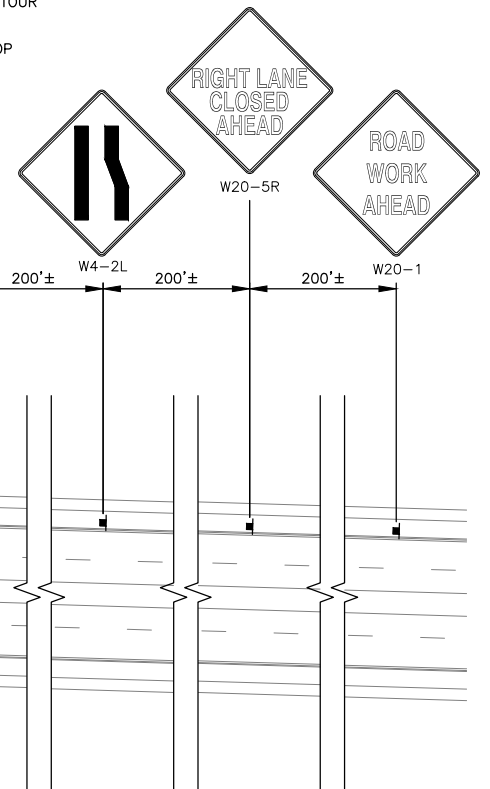
- INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.50-02
- INSTALL TEMPORARY STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- INSTALL TEMPORARY TYPE 2SL TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02

NOTES:

- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
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- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO 1-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

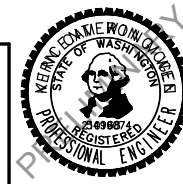


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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
B. BARRON
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 6
TRAFFIC CONTROL PLAN

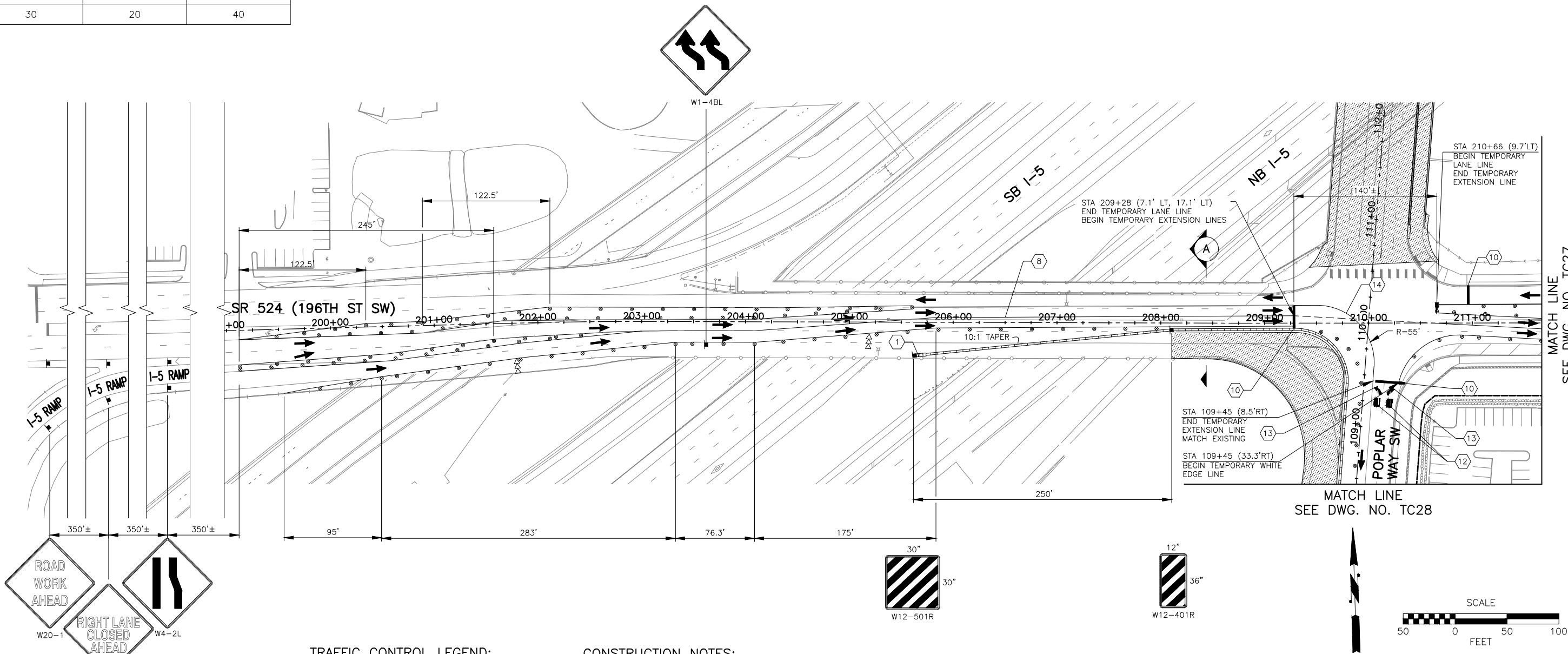
Drawing No.
TC25
Sheet No.
333
355
of Total

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CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60
30	20	40

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

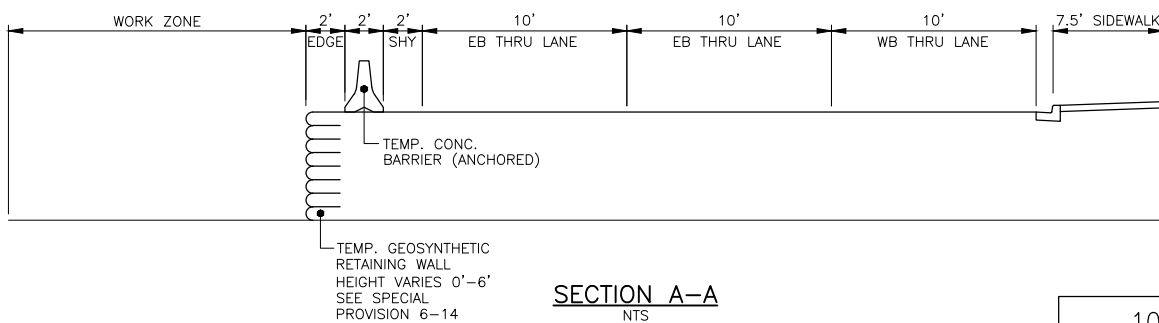
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
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- CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- DEVICES SHALL NOT ENCR OACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2.
- INSTALL TEMPORARY LANE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL TEMPORARY TYPE 25R TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- INSTALL TEMPORARY TYPE 25L TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50-02



SECTION A-A
NTS

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Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 7
TRAFFIC CONTROL PLAN

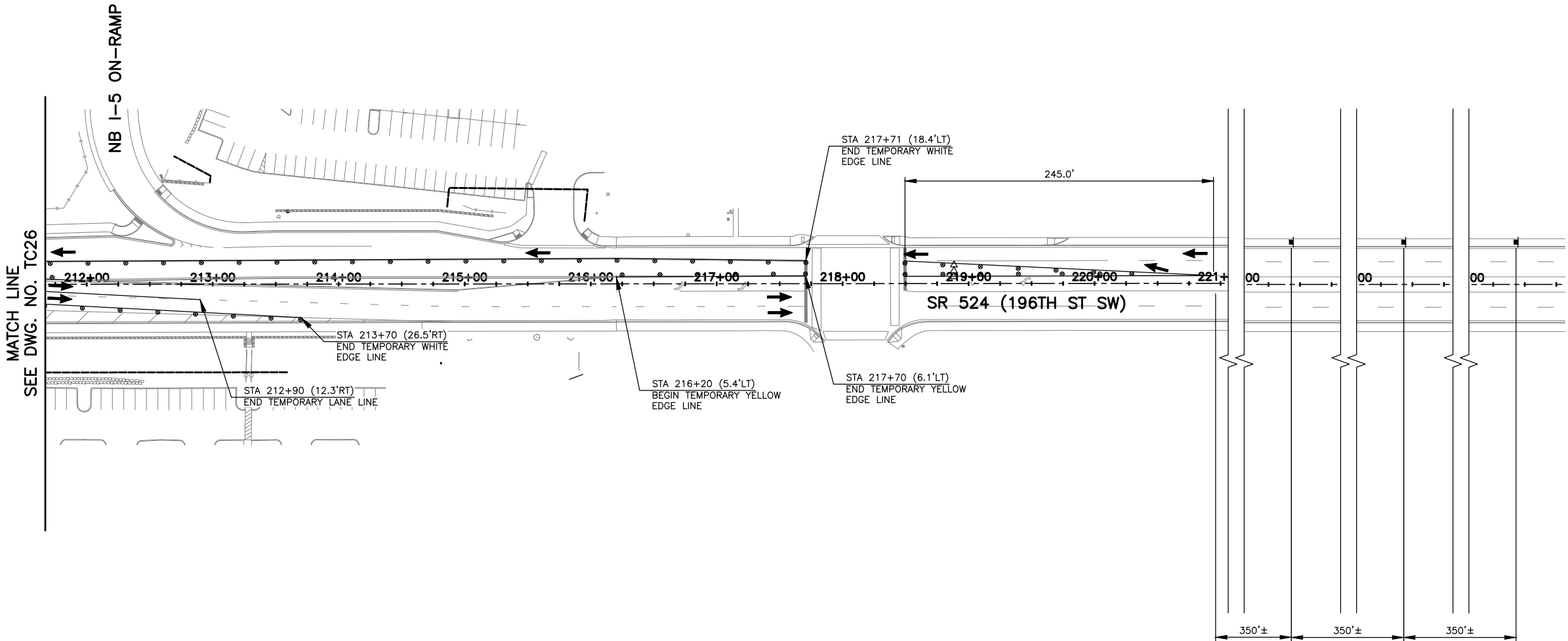
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TC26
Sheet No.
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Feb 27, 2024 -- 1:42pm K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC26.dwg Layout Name: TC27

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35	30	60

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

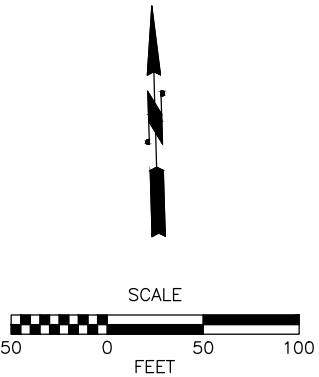
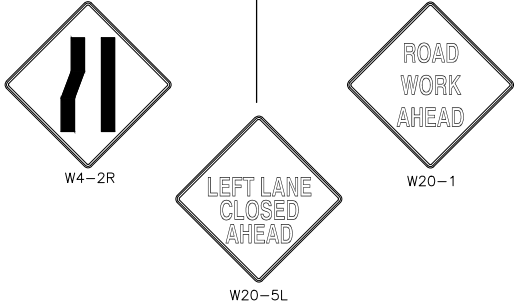


NOTES:

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- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

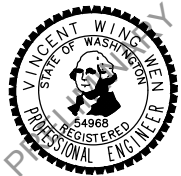


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No.	Date	Revision	By	Appr.

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2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 7
TRAFFIC CONTROL PLAN

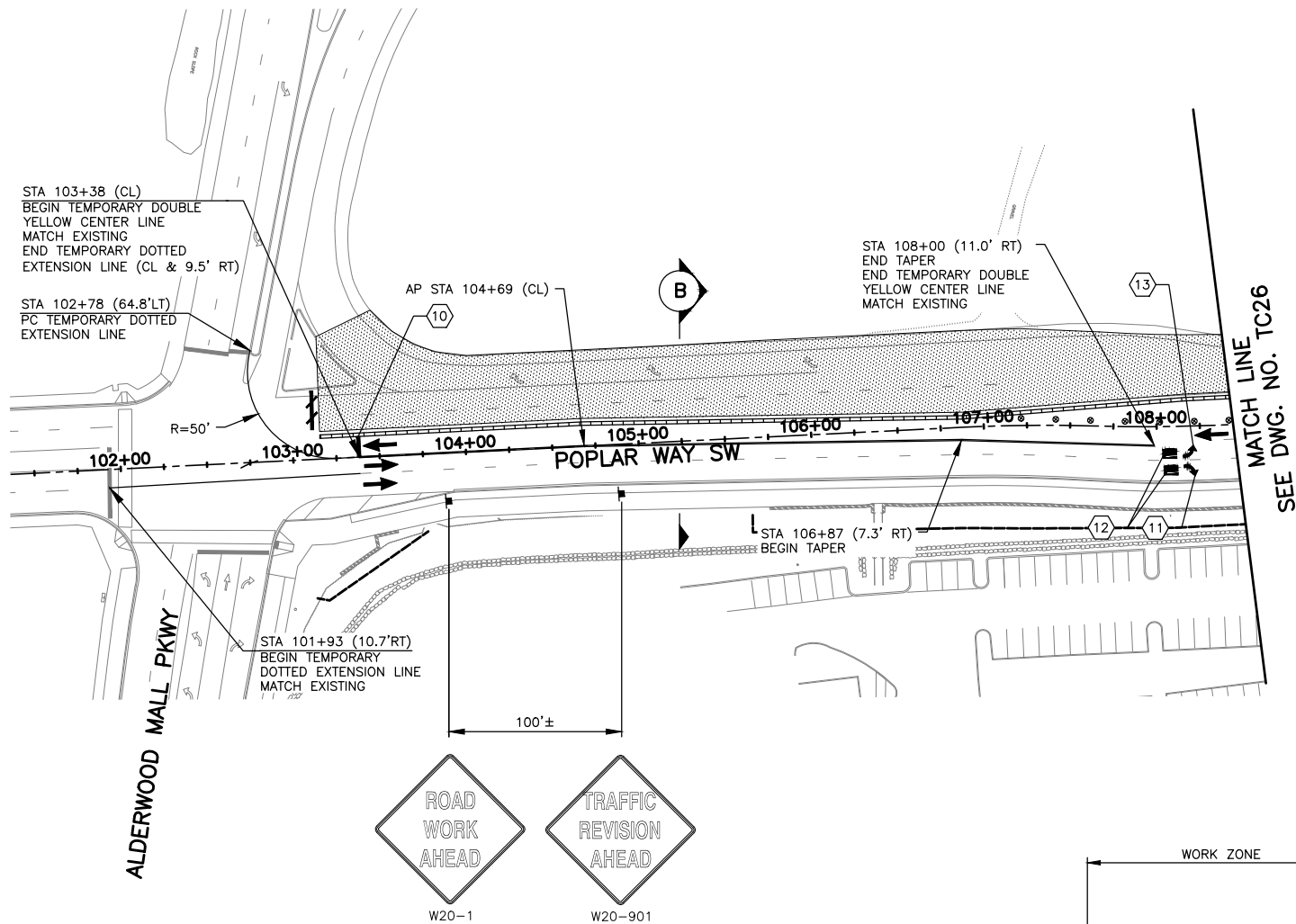
Drawing No.
TC27
Sheet No.
335
355
of Total

Feb 27, 2024 - 1:42pm nancy.edson X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC26.dwg Layout Name: TC28

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
30	20	40

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



NOTES:

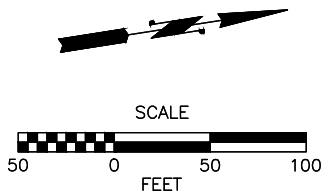
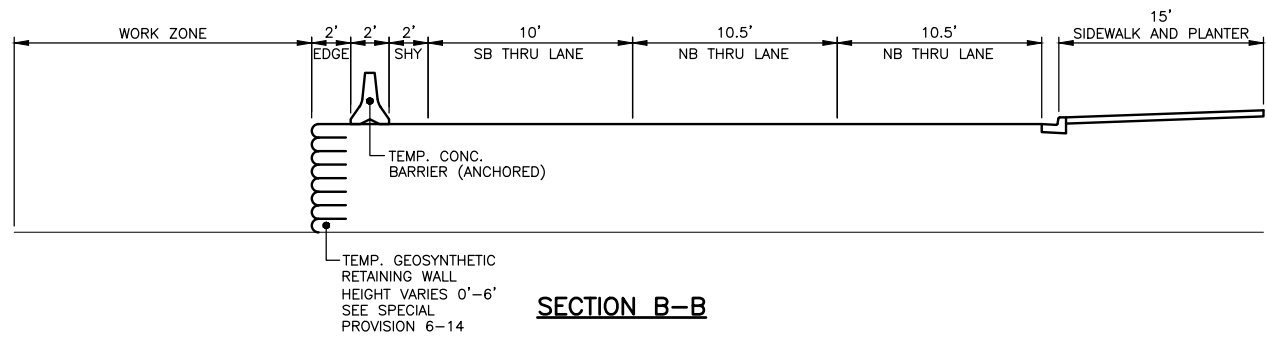
- ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
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- DEVICES SHALL NOT ENCOACH INTO THE ADJACENT LANE.
- PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR INTERURBAN TRAIL.
- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- TEMPORARY IMPACT ATTENUATORS SHALL NOT INCLUDE INERTIAL DRUMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION
- TYPE 3 BARRICADE

CONSTRUCTION NOTES:

- PROVIDE TEMPORARY IMPACT ATTENUATOR AT LEADING END OF TEMPORARY CONC BARRIER ADJACENT TO TRAFFIC. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE LISTED ON THE TABLE ON DWG. NO. TC2. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- INSTALL TEMPORARY STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- INSTALL TEMPORARY TYPE 2SL TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY DOTTED EXTENSION LINE PER WSDOT STD PLAN M-20.50-02



100% PLANS
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EVERETT, WA 98201
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LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
1" = 50'
Vert
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 7
TRAFFIC CONTROL PLAN

Drawing No.
TC28
Sheet No.
336
355
of Total

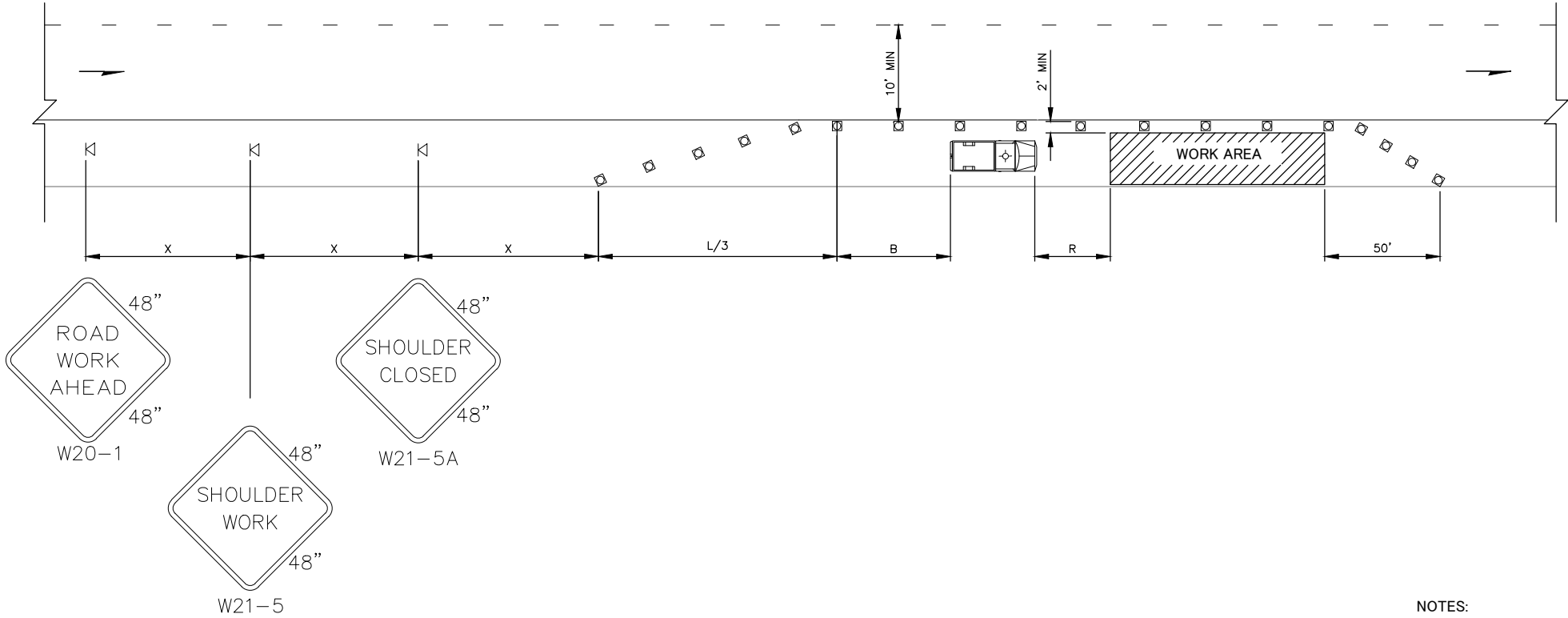
Feb 27, 2024 - 1:42pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC29.dwg Layout Name: TC29 nancy.edon

SIGN SPACING = X (1)		
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS. (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
	8'	40	40	60	90	-	-	-	-	-
10'	40	60	90	90	-	-	-	-	-	-
USE A 3 DEVICES TAPER FOR SHOULDERS LESS THEN 8'										

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
35/40	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.						HOST VEHICLE WEIGHT > 22,000 lbs.				
< 45 MPH	45-55 MPH	> 55 MPH				< 45 MPH	45-55 MPH	> 55 MPH		
100'	123'	172'				74'	100'	150'		



LEGEND

- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE

TYPICAL SHOULDER CLOSURE – LOW SPEED
(40 MPH OR LESS)
NOT TO SCALE

- NOTES:
1. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 2. ALL SIGNS ARE BLACK ON ORANGE.

100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

No.	Date	Revision	By	Appr.

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**LYNNWOOD**
WASHINGTON



Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD		Drawing No.
POPLAR WAY EXTENSION BRIDGE		TC29
TYPICAL TRAFFIC CONTROL PLAN		Sheet No. 337 of 355

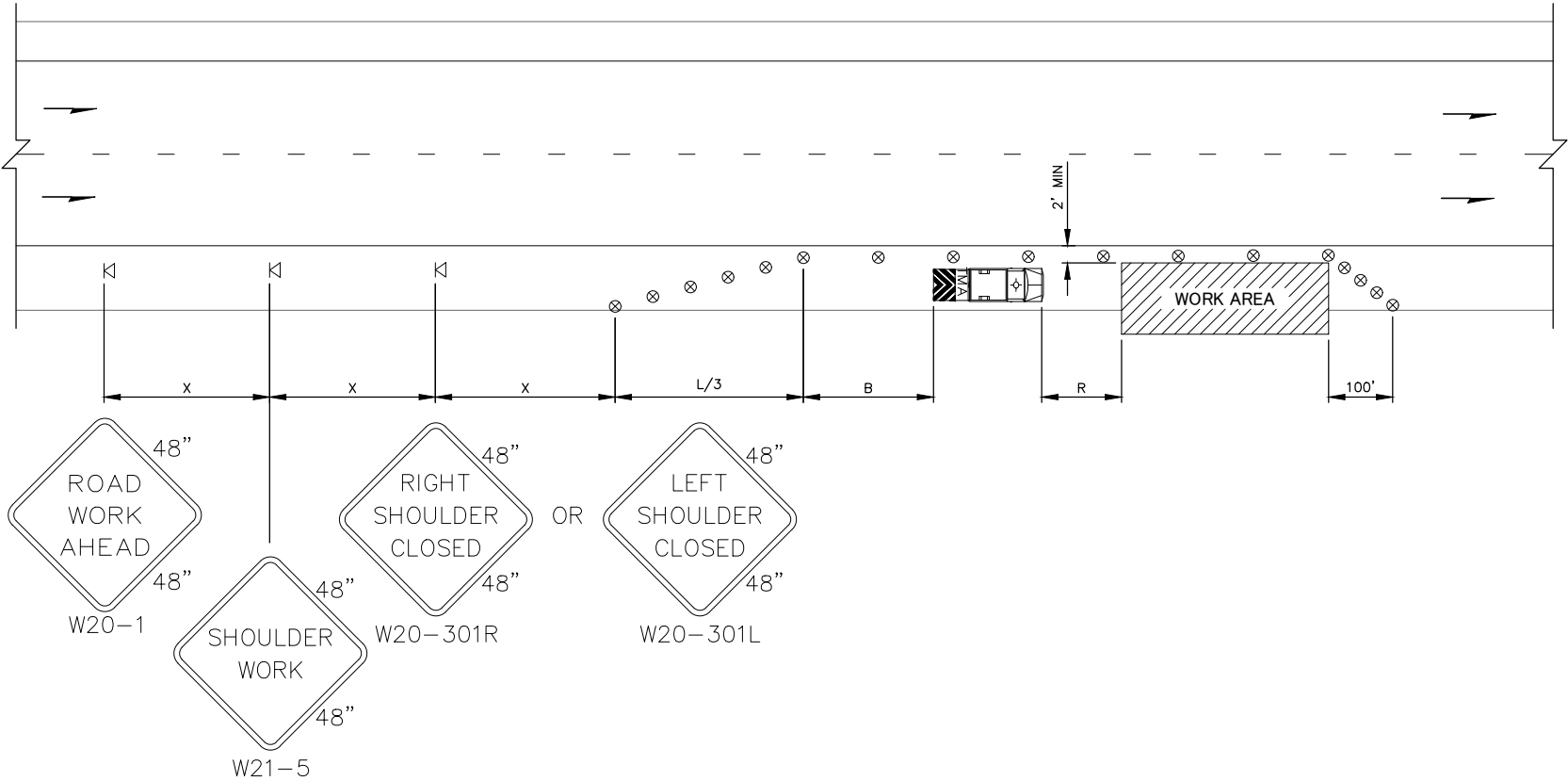
Feb 27, 2024 - 1:42pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC30.dwg Layout Name: TC30

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPs, AT-GRADE INTERSECTIONS AND DRIVEWAYS.		

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	-	-	-	-	120	130	150	160	170	190
10'	-	-	-	-	150	170	190	200	220	240
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.										

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	-	-	-	-	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.						HOST VEHICLE WEIGHT > 22,000 lbs.				
< 45 MPH	45-55 MPH	> 55 MPH				< 45 MPH	45-55 MPH	> 55 MPH		
100'	123'	172'				74'	100'	150'		



LEGEND

- TEMPORARY SIGN LOCATION
- TRAFFIC SAFETY DRUM WITH TPYE C STEADY BURN LIGHTS
- TRANSPORTABLE ATTENUATOR

- NOTES:
- NO ENCROACHMENT IN TRAVELED LANE.
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT) O.C.
 - ALL SIGNS ARE BLACK ON ORANGE.

100% PLANS
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LYNNWOOD
WASHINGTON

VINCENT WING WEN
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
54968

Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES Date 2/2024
Checked By V. WEN Date 2/2024
Approved By V. WEN Date 2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TYPICAL TRAFFIC CONTROL PLAN

Drawing No. TC30
Sheet No. 338 of 355

Feb 27, 2024 -- 1:42pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 TC31.dwg Layout Name: TC31

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

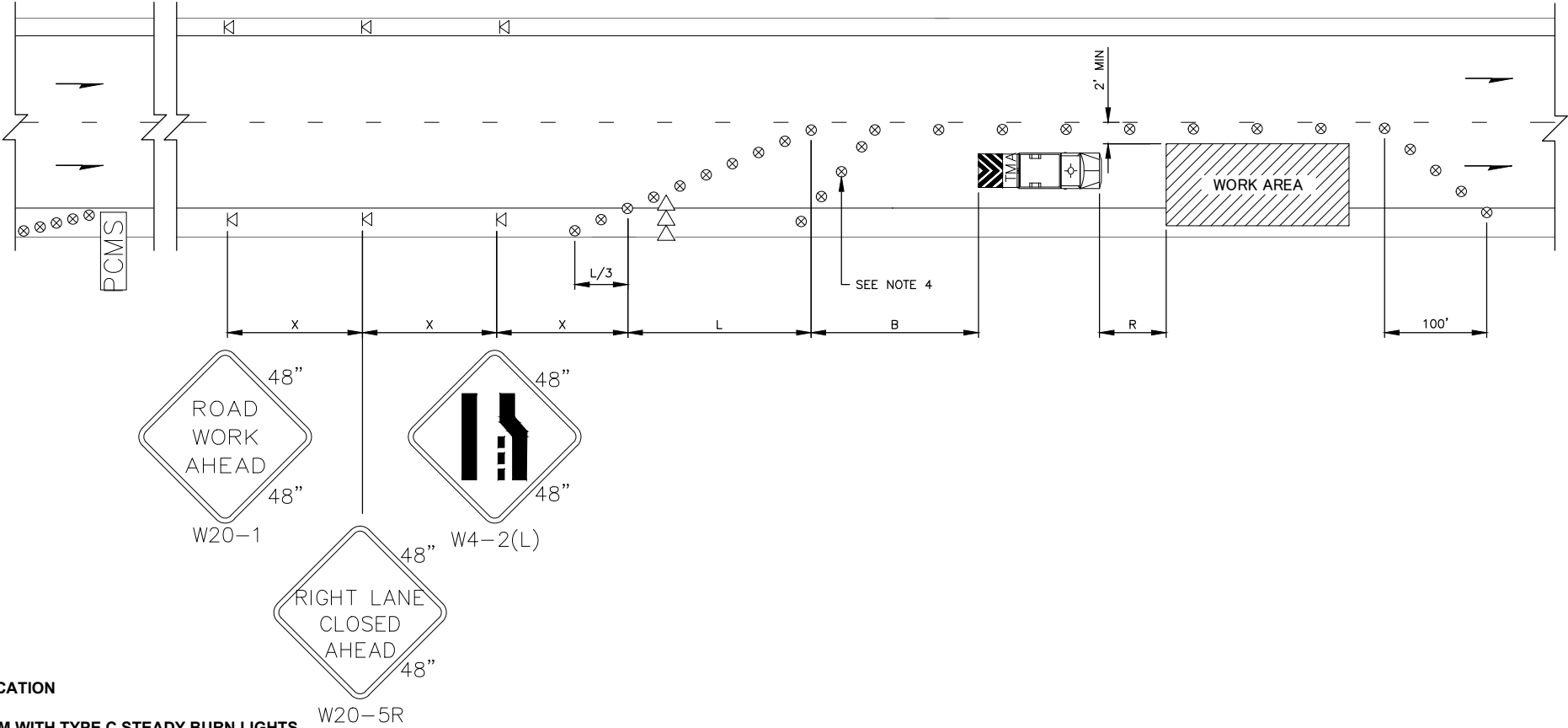
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS	25 / 30 MPH	200' ± (2)
RESIDENTIAL & BUSINESS DISTRICTS		
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPs, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	-	-	-	-	360	425	495	570	645	730

TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'



PCMS	
1	2
RIGHT LANE CLOSED	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1 MILE ± IN ADVANCE OF LANE CLOSURE SIGNING.

- NOTES:
- SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 - EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
 - DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
 - USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 500' (FT) (RECOMMENDED).
 - DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.

100% PLANS
CHECK PRINT
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TYPICAL SINGLE-LANE CLOSURE
NOT TO SCALE

- LEGEND**
- TEMPORARY SIGN LOCATION
 - TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHTS
 - SEQUENTIAL ARROW SIGN
 - TRANSPORTABLE ATTENUATOR
 - PCMS PORTABLE CHANGEABLE MESSAGE SIGN

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LYNNWOOD
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VINCENT WING WEN
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
54988

Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES 2/2024
Checked By V. WEN 2/2024
Approved By V. WEN 2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TYPICAL TRAFFIC CONTROL PLAN

Drawing No. TC31
Sheet No. 339 of 355

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.										

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

FIELD LOCATE 1 MILE ± IN
ADVANCE OF LANE CLOSURE SIGNING.



1. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
2. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
3. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANES.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 500' (FT) (RECOMMENDED).
5. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT).
6. ALL SIGNS ARE BLACK ON ORANGE.

100% PLANS
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TYPICAL DOUBLE-LANE CLOSURE
NOT TO SCALE

No.	Date	Revision	By	Appr.

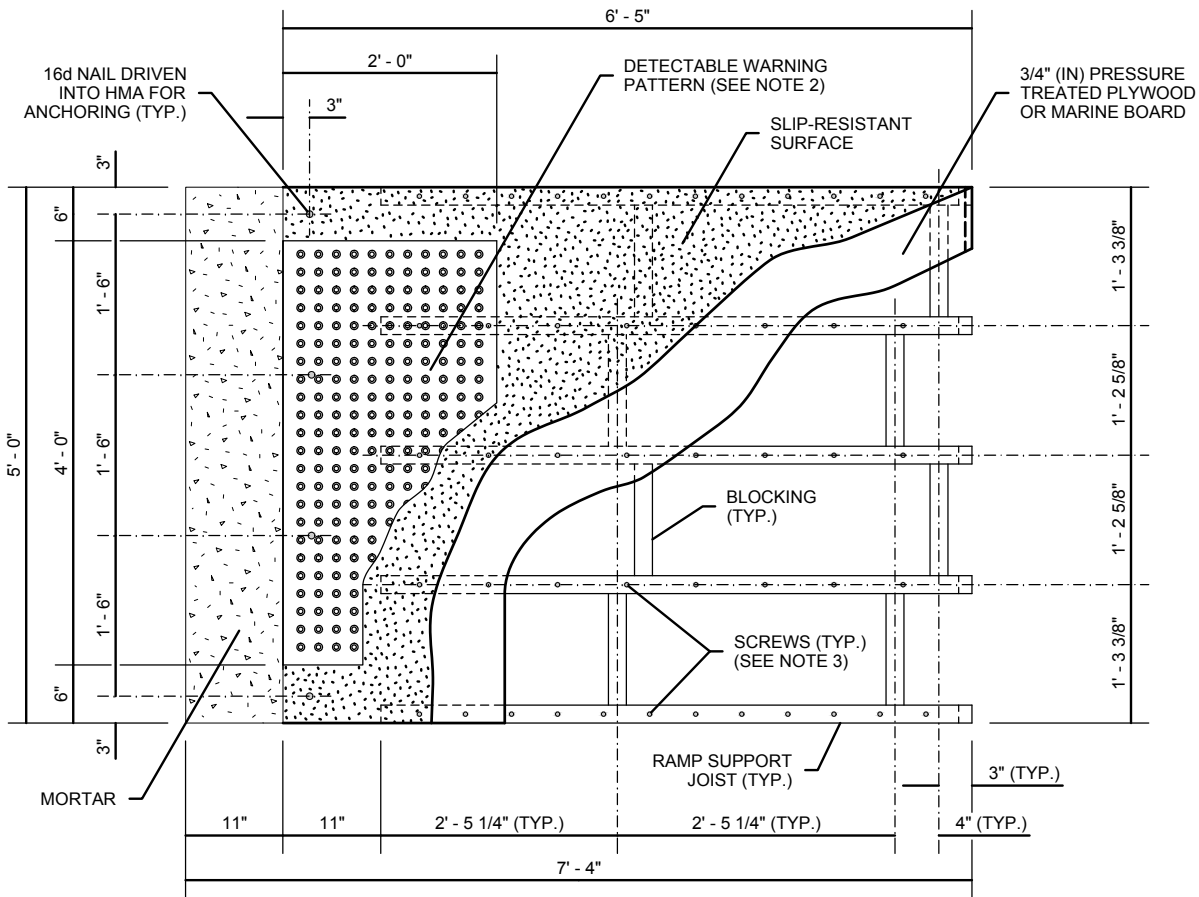


Drawn By	Date
<u>S. DELAVARPOUR</u>	<u>2/2024</u>
Designed By	
<u>E. BORGES</u>	<u>2/2024</u>
Checked By	
<u>V. WEN</u>	<u>2/2024</u>
Approved By	
<u>V. WEN</u>	<u>2/2024</u>

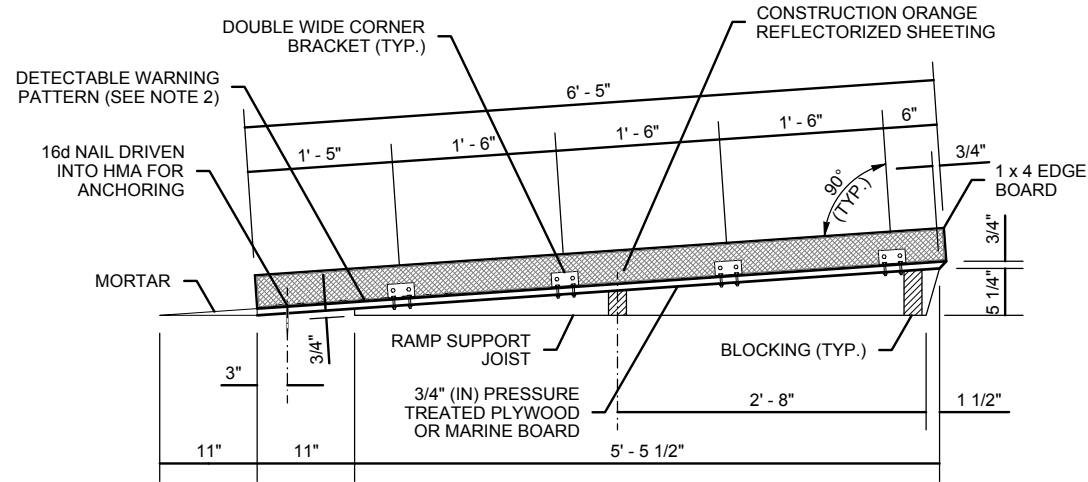
SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
TYPICAL TRAFFIC CONTROL PLAN

TC32



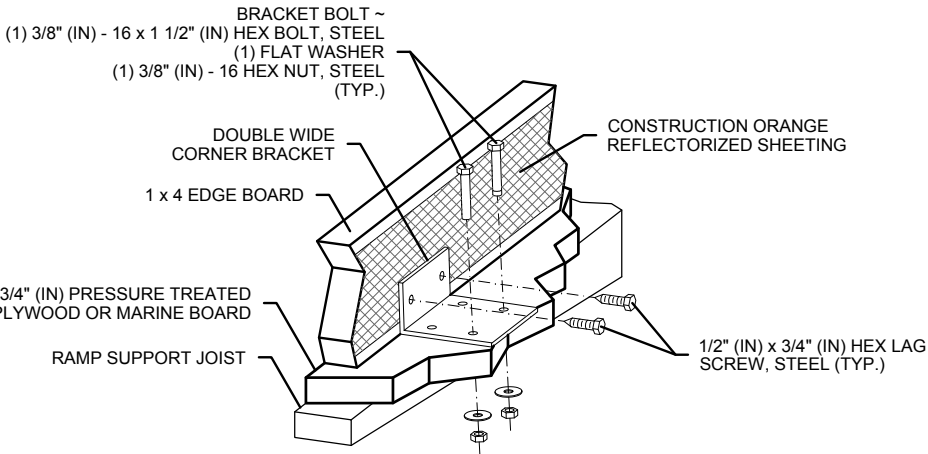
TOP VIEW
RAMP DETAIL



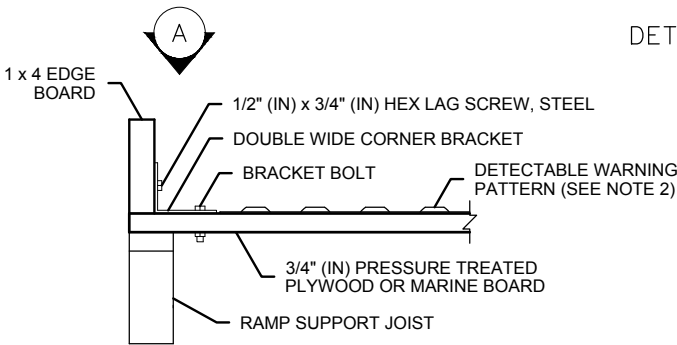
SIDE VIEW
RAMP AND EDGE BOARD

NOTES

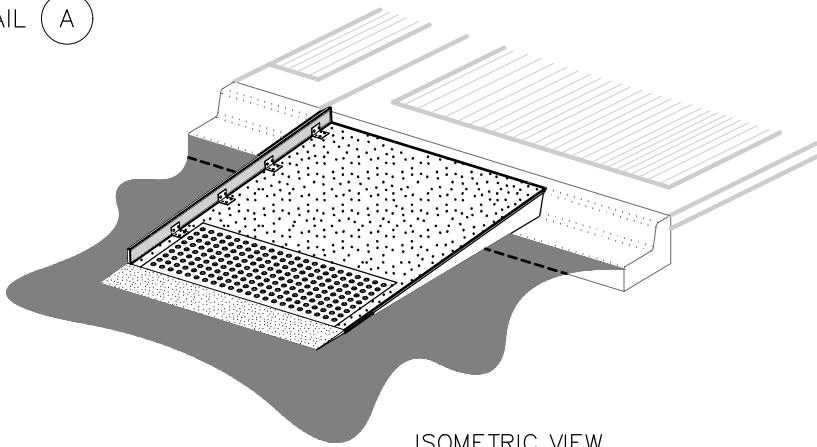
1. THIS DESIGN ASSUMES OPTIMAL CONDITIONS AND A STANDARD CURB HEIGHT OF 6" (IN). INSTALLED RAMPS SHALL BE NO STEEPER THAN 12H : 1V, AND SHALL HAVE A CROSS-SLOPE OF 2% OR LESS. USE SHIMS OR GROUT AS REQUIRED TO ADJUST FOR EXISTING CONDITIONS AND TO PREVENT ROCKING. SHIMS SHALL BE NO HIGHER THAN 1" (IN), AND SHALL BE SECURED TO THE RAMP. FOR CURBS SHORTER THAN 6" (IN), INSTALL A RAMP ON THE SIDEWALK, NO STEEPER THAN 12H : 1V, MADE OF GROUT OR AS APPROVED BY THE ENGINEER. ADJUSTMENTS TO THE RAMP DIMENSIONS SHOWN MAY BE REQUIRED TO MATCH EXISTING CONDITIONS.
2. THE DETECTABLE WARNING PATTERN SHALL BE INSTALLED ONLY WHEN THE INTENT IS TO GUIDE PEDESTRIANS DIRECTLY ACROSS THE ROADWAY (CROSSWALK). SEE **STANDARD PLAN F-45.10** FOR DETAILS.
3. SCREWS SHALL BE USED TO SECURE THE RAMP SURFACE. SPACING SHALL BE IN ACCORDANCE WITH THE CURRENT BUILDING CODE.
4. USE A SLIP-RESISTANT TREATMENT FOR THE SURFACE OF RAMP.
5. ALL FASTENERS SHALL BE GALVANIZED.
6. DO NOT INSTALL A HAND RAILING IF USING THE EDGE BOARD OPTION.



PERSPECTIVE VIEW
DETAIL A



END VIEW
EDGE BOARD
ATTACHMENT DETAIL



ISOMETRIC VIEW

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No.	Date	Revision	By	Appr.

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WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN

Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz N/A
Vert N/A
Project Number
20100156

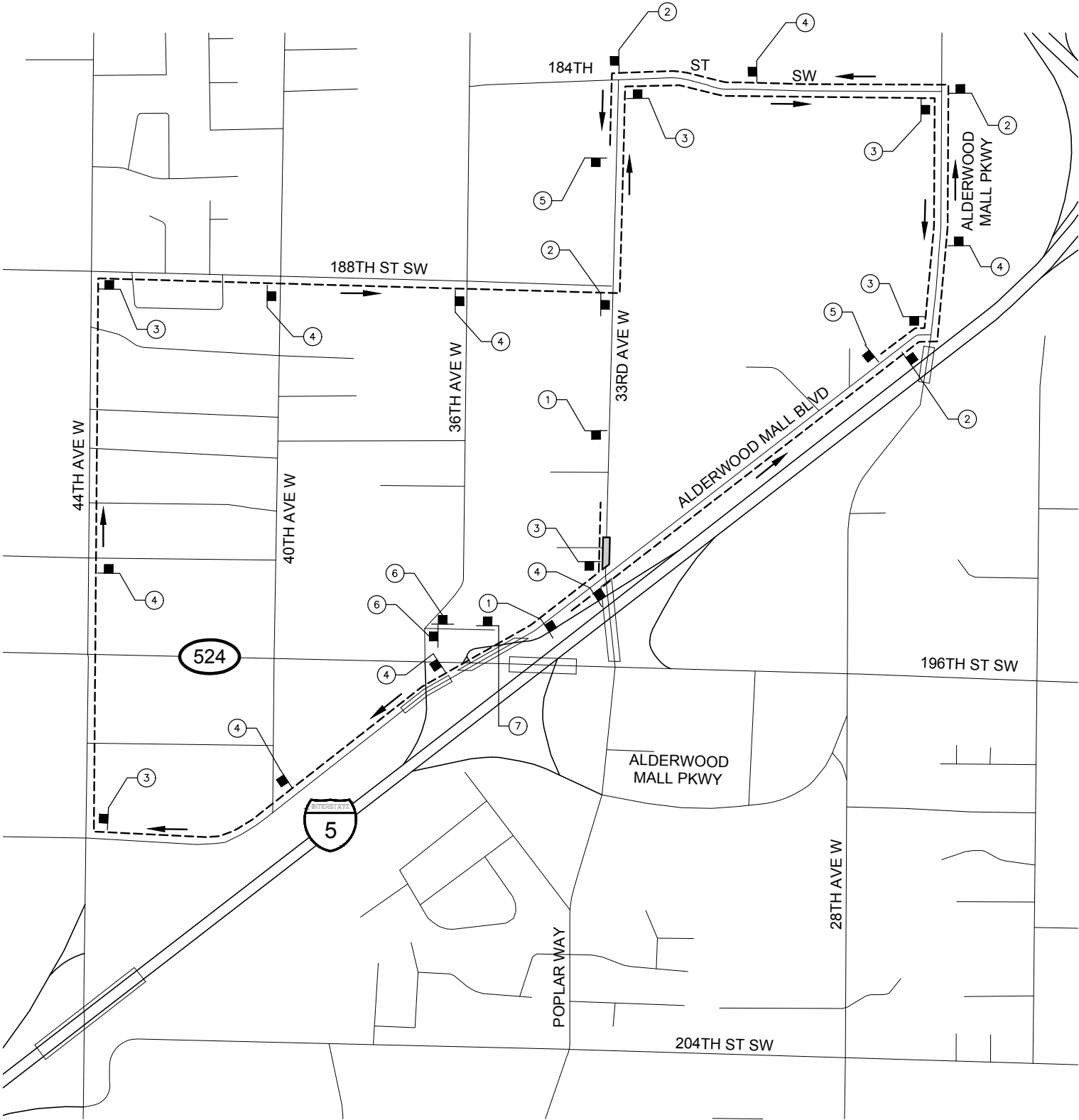
CITY OF LYNNWOOD POPLAR WAY EXTENSION BRIDGE		Drawing No. TC33
TEMPORARY PEDESTRIAN RAMP DETAIL		Sheet No. 341 of 355

NOTES:

- 1. CONTACT WSDOT SEATTLE RADIO, IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
- 2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
- 3. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 5. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 6. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.

DETOUR LEGEND:

- CONSTRUCTION SIGN LOCATION
- SIGN NO.
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ROAD CLOSED
- DETOUR ROUTE

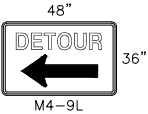


SIGN SPACING		
FREeways AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

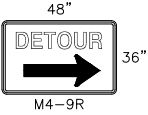
- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



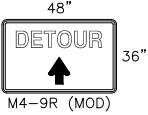
W20-2
①



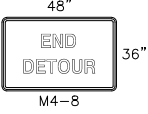
M4-9L
②



M4-9R
③



M4-9R (MOD)
④



M4-8
⑤



M4-9B
⑥



M4-9B
⑦

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Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES 2/2024
Checked By V. WEN 2/2024
Approved By V. WEN 2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 3 - NB 33RD AND SB 33RD LEFT-TURN CLOSURE
DETOUR PLAN

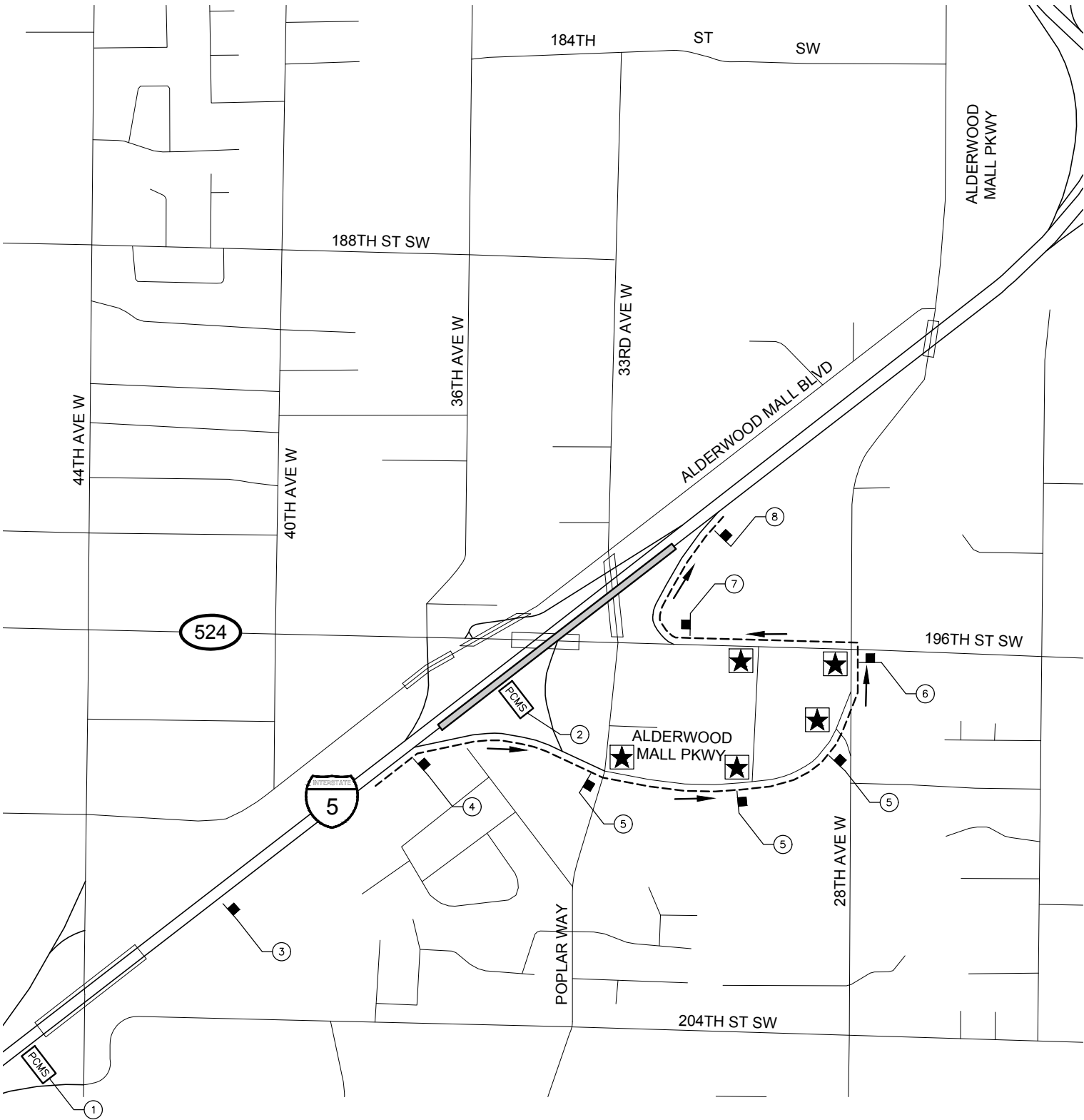
Drawing No. DT1
Sheet No. 342 355 of Total

NOTES:

1. CONTACT WSDOT SEATTLE RADIO, IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
3. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
5. 8' MINIMUM SHOULDER WIDTH REQUIRED FOR PORTABLE CHANGEABLE MESSAGE SIGNS.
6. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
7. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.
8. SEE SHEET DT3 FOR DETOUR DETAILS.

DETOUR LEGEND:

- CONSTRUCTION SIGN LOCATION
- SIGN NO.
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ROAD CLOSED
- DETOUR ROUTE
- UNIFORMED POLICE OFFICER



SIGN SPACING		
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPs, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

PCMS	
1	2
NB I-5 CLOSED AT 196TH	DETOUR USE EXIT 181B
2.0 SEC	2.0 SEC

PCMS	
1	2
NB I-5 WILL BE CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC



W20-2
48"



SPECIAL
48"



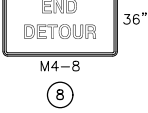
SPECIAL
48"



SPECIAL
48"



SPECIAL
48"



M4-8
36"

100% PLANS
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No.	Date	Revision	By	Appr.

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LYNNWOOD
WASHINGTON



Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES 2/2024
Checked By V. WEN 2/2024
Approved By V. WEN 2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4A - NB I-5 MAINLINE CLOSURE
DETOUR PLAN

Drawing No. DT2
Sheet No. 343 of 355

Feb 27, 2024 -- 1:48pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 DT.dwg Layout Name: DT3

SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)

NOTES:

1. CONTACT WSDOT SEATTLE RADIO. IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
3. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
5. 8' MINIMUM SHOULDER WIDTH REQUIRED FOR PORTABLE CHANGEABLE MESSAGE SIGNS.
6. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
7. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.

SOUTH BOUND I-5 MAINLINE CLOSURE NOTES:

1. SOUTH BOUND I-5 CLOSURE PLANS PHASE 4B AND 4C SHALL NOT BE USED CONCURRENTLY.

PCMS	
1	2
SB I-5 CLOSED	DETOUR USE EXIT 181
2.0 SEC	2.0 SEC

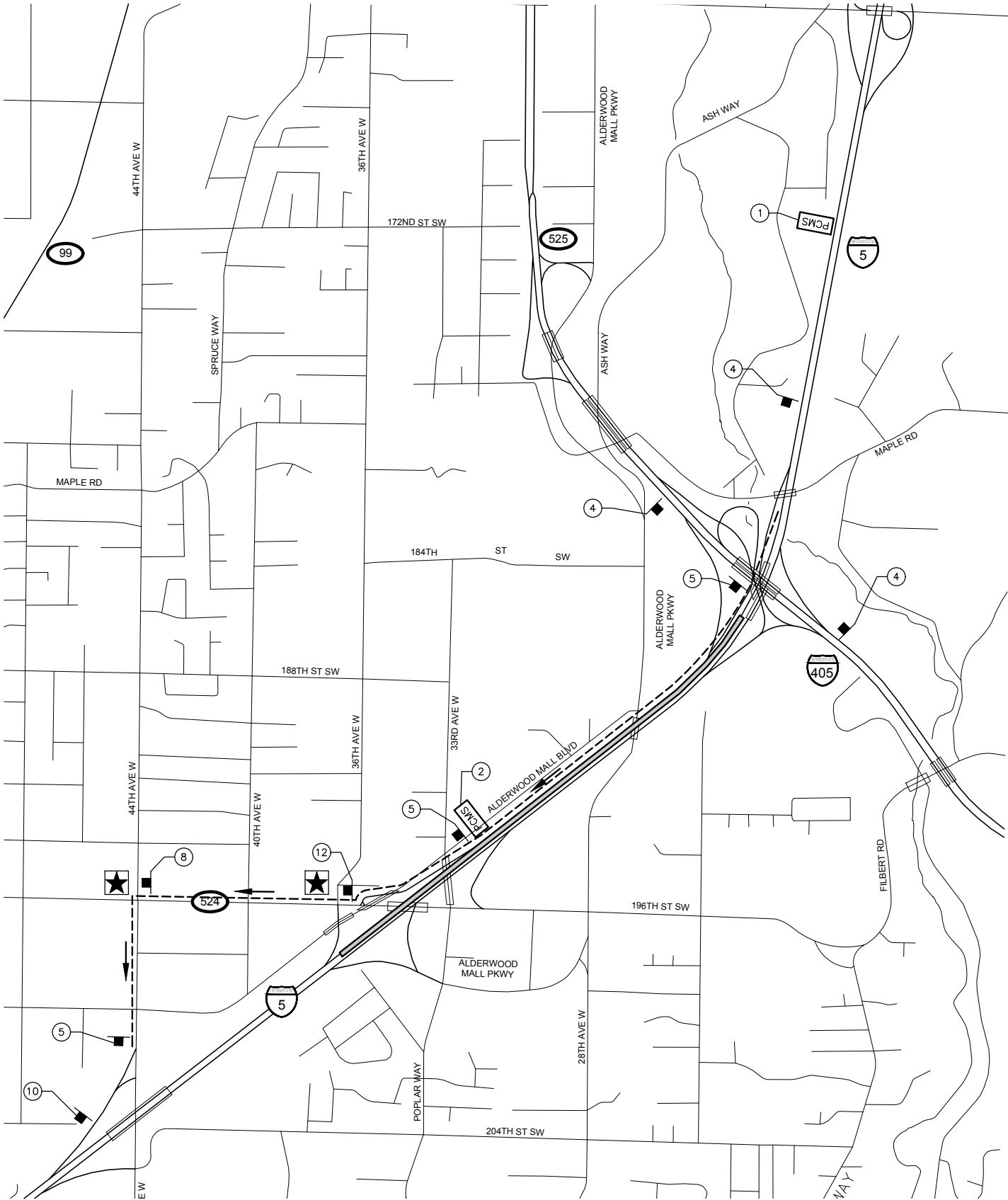
①

PCMS	
1	2
SB I-5 WILL BE CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC

②

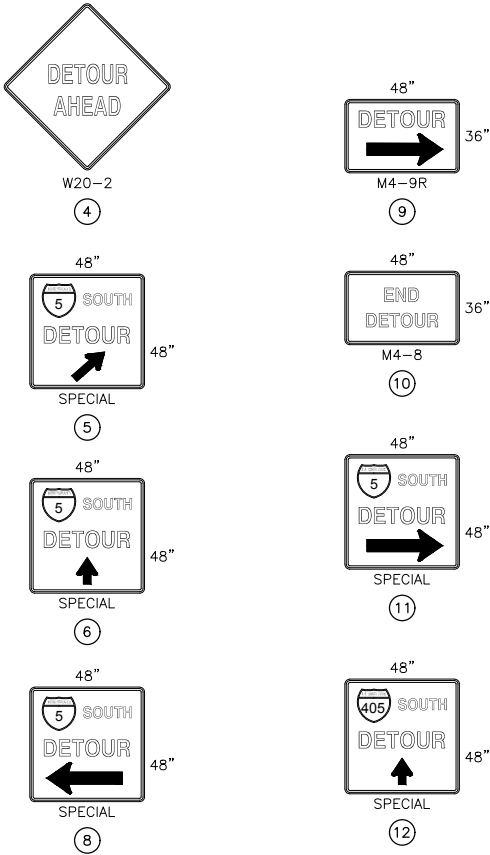
PCMS	
1	2
SB I-5 EXIT CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC

③



SIGN SPACING		
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



DETOUR LEGEND:

- CONSTRUCTION SIGN LOCATION
- ⓧ SIGN NO.
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ROAD CLOSED
- DETOUR ROUTE
- ★ UNIFORMED POLICE OFFICER

100% PLANS
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PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES 2/2024
Checked By V. WEN 2/2024
Approved By V. WEN 2/2024

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4B - SB I-5 MAINLINE CLOSURE
DETOUR PLAN

Drawing No.
DT3
Sheet No.
344 355
of Total

Feb 27, 2024 - 1:48pm nancy.edon K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 DT.dwg Layout Name: DT4

NOTES:

1. CONTACT WSDOT SEATTLE RADIO. IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
3. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
5. 8' MINIMUM SHOULDER WIDTH REQUIRED FOR PORTABLE CHANGEABLE MESSAGE SIGNS.
6. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
7. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.

SOUTH BOUND I-5 MAINLINE CLOSURE NOTES:

1. SOUTH BOUND I-5 CLOSURE PLANS PHASE 4B AND 4C SHALL NOT BE USED CONCURRENTLY.

PCMS	
1	2
EXIT 181 CLOSED	DETOUR USE EXIT 183
2.0 SEC	2.0 SEC

①

PCMS	
1	2
EXIT 181 WILL BE CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC

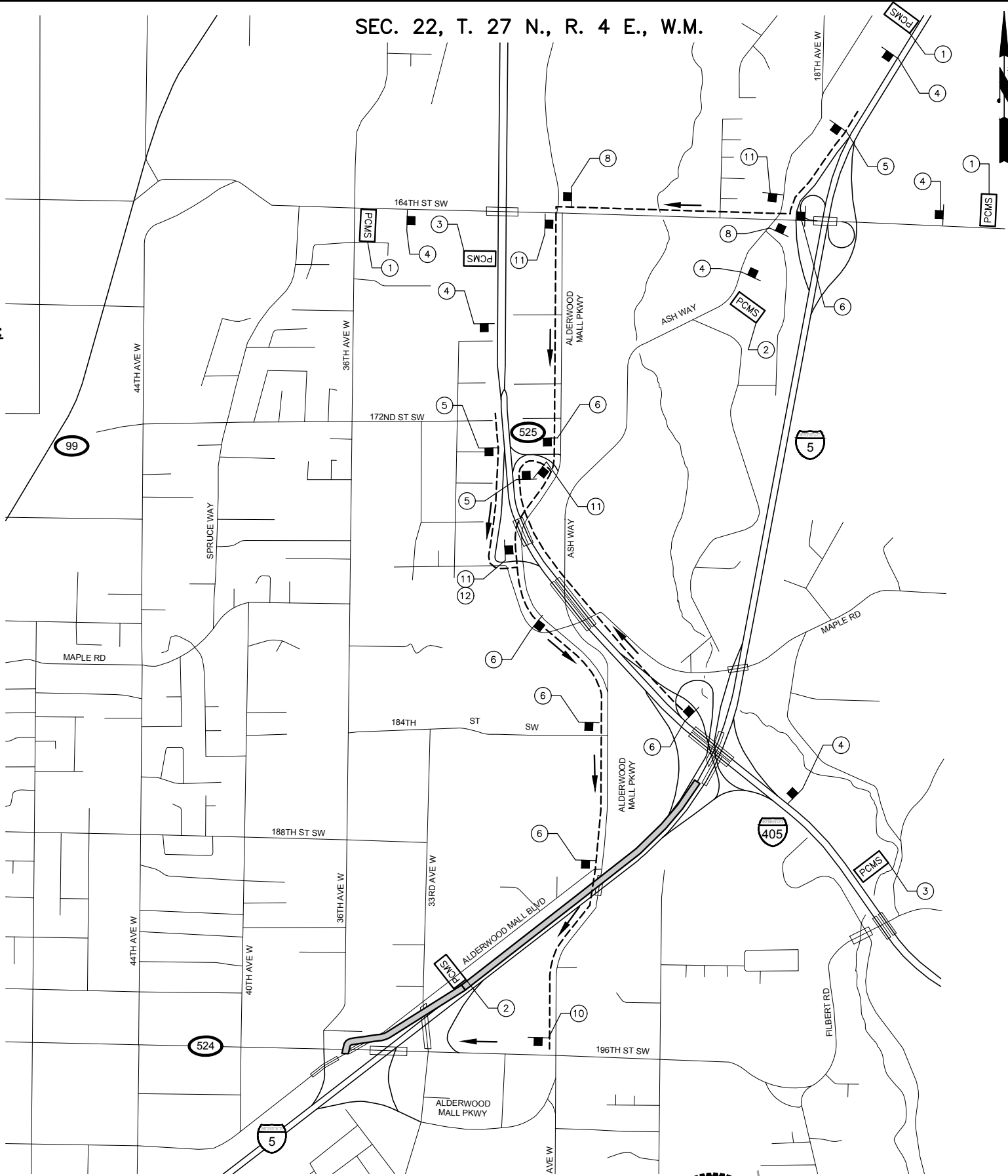
②

PCMS	
1	2
SR 524 EXIT CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC

③

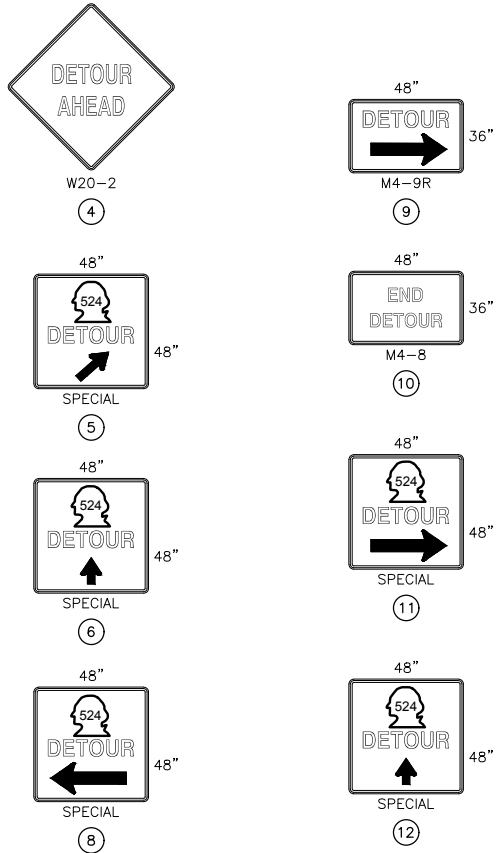
SEC. 22, T. 27 N., R. 4 E., W.M.

FEDERAL AID NO. IMD-STPUL-2004(037)



SIGN SPACING		
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



DETOUR LEGEND:

- CONSTRUCTION SIGN LOCATION
- SIGN NO.
- PCMS
- ROAD CLOSED
- DETOUR ROUTE
- UNIFORMED POLICE OFFICER

100% PLANS
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NOT FOR CONSTRUCTION

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By
S. DELAVARPOUR
Designed By
E. BORGES
Checked By
V. WEN
Approved By
V. WEN
Date
2/2024
2/2024
2/2024
2/2024

SCALE
Horiz
Vert
N/A
N/A
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 4C - SB I-5 MAINLINE CLOSURE
DETOUR PLAN

Drawing No.
DT4
Sheet No.
345
355
of Total

NOTES:

- 1. CONTACT WSDOT SEATTLE RADIO, IMMEDIATELY UPON SET-UP AND REMOVAL OF TRAFFIC CONTROL.
- 2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
- 3. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 5. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 6. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.

DETOUR LEGEND:

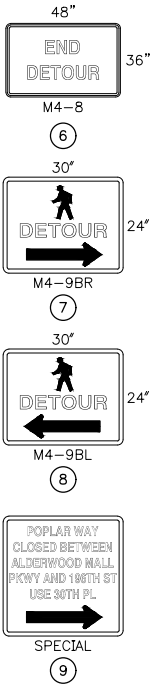
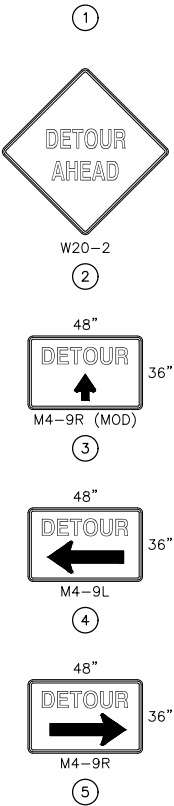
- CONSTRUCTION SIGN LOCATION
- SIGN NO.
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- ROAD CLOSED
- DETOUR ROUTE



SIGN SPACING		
FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPs, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.
- (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

PCMS	
1	2
POPLAR WILL BE CLOSED	MON DA MON DA XPM-XAM
1.5 SEC	1.5 SEC



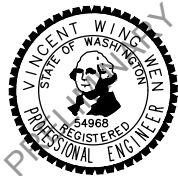
100% PLANS
CHECK PRINT
NOT FOR CONSTRUCTION

Feb 27, 2024 - 1:48pm K:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 DT.dwg Layout Name: DT5

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON



Drawn By S. DELAVARPOUR Date 2/2024
Designed By E. BORGES Date 2/2024
Checked By V. WEN Date 2/2024
Approved By V. WEN Date 2/2024

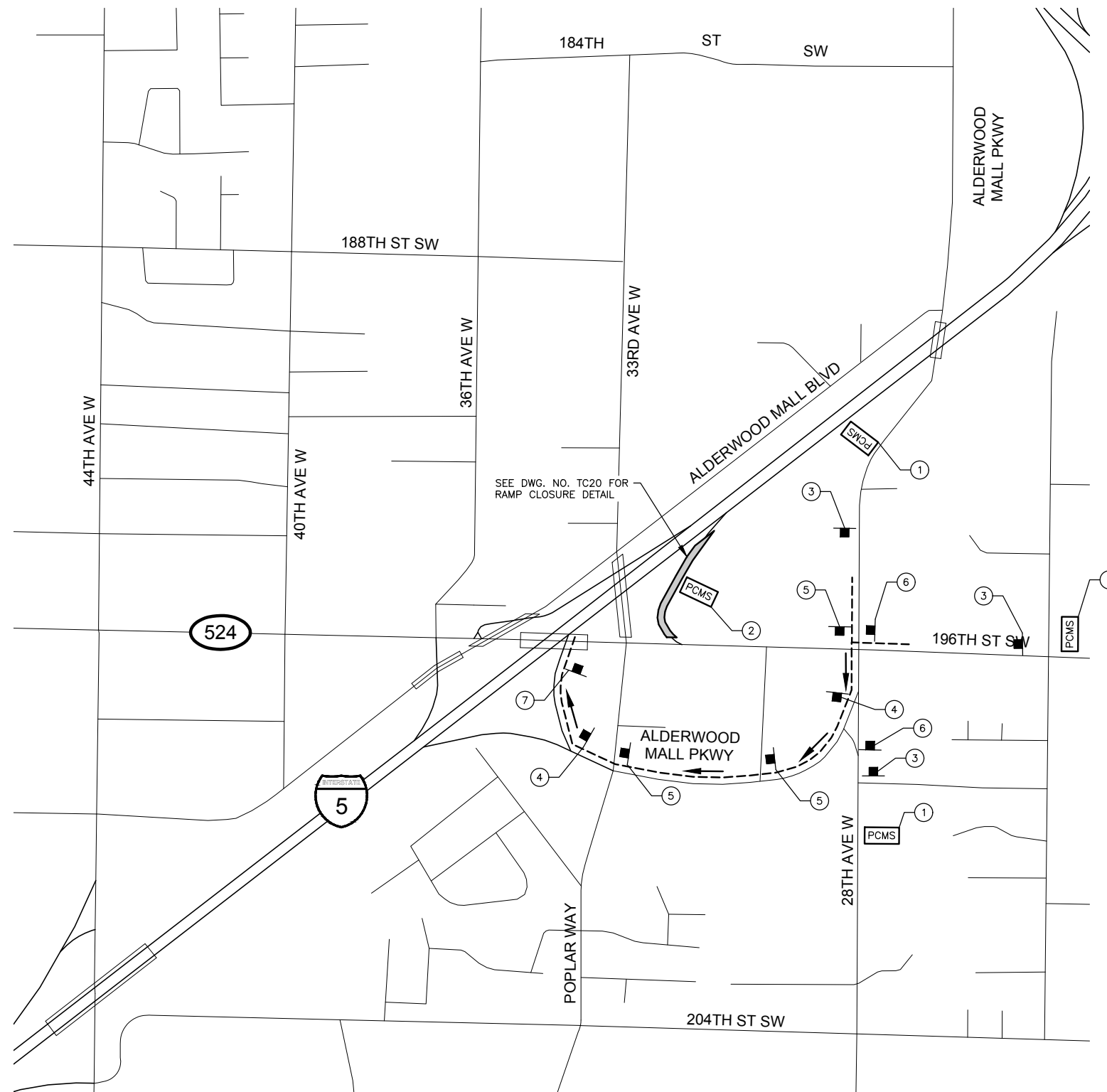
SCALE
Horiz N/A
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
PHASE 6 - NB POPLAR WAY CLOSURE
DETOUR PLAN

Drawing No. DT5
Sheet No. 346 of 355

1. CONTACT TRAFFIC SYSTEMS MANAGEMENT CENTER PRIOR TO BEGINNING WORK AND AFTER LANES ARE OPEN TO TRAFFIC.
2. ALL CLOSURES AND TRAFFIC IMPACTS SHALL BE COORDINATED WITH NORTHWEST REGION TRAFFIC SECTION AT LEAST 14 DAYS IN ADVANCE OF NEED AND BE ACCEPTED BY THAT GROUP INTO THE NORTHWEST REGION TRAFFIC CLOSURE DATABASE.
3. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
4. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
5. 8' MINIMUM SHOULDER WIDTH REQUIRED FOR PORTABLE CHANGEABLE MESSAGE SIGNS.
6. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
7. ADVANCE NOTIFICATION OF ROAD CLOSURE SHALL BE POSTED A MINIMUM OF SEVEN DAYS PRIOR TO ROAD CLOSURE.

	CONSTRUCTION SIGN LOCATION
	SIGN NO.
	PORTABLE CHANGEABLE MESSAGE SIGN
	ROAD CLOSED
	DETOUR ROUTE



FREEWAYS AND EXPRESSWAYS	55/70 MPH	1500'±
RURAL HIGHWAYS	60/65 MPH	800'±
RURAL ROADS	45/55 MPH	500'±
RURAL ROADS AND URBAN ARTERIALS	35/40 MPH	350'±
RESIDENTIAL AND BUSINESS DISTRICTS	25/30 MPH	200'±(2)
URBAN STREETS	25 MPH OR LESS	100'±(2)

(1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS, AND DRIVEWAYS.

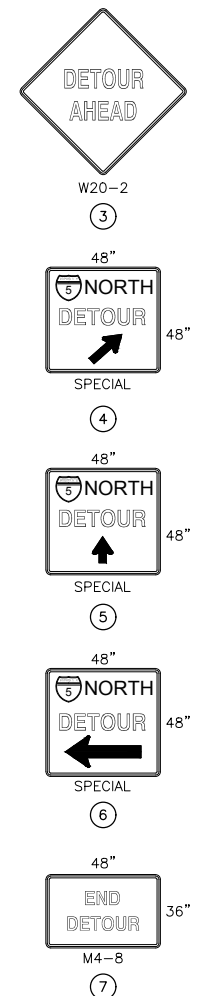
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

PCMS #1	
1	2
NB I-5 ON-RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

①

PCMS #2	
1	2
RAMP WILL BE CLOSED	MON DA MON DA XPM-XAM
2.0 SEC	2.0 SEC

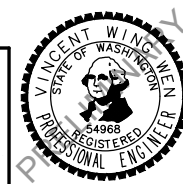
②



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Feb 27, 2024 — 1:46 PM

No.	Date	Revision	By	Appr.



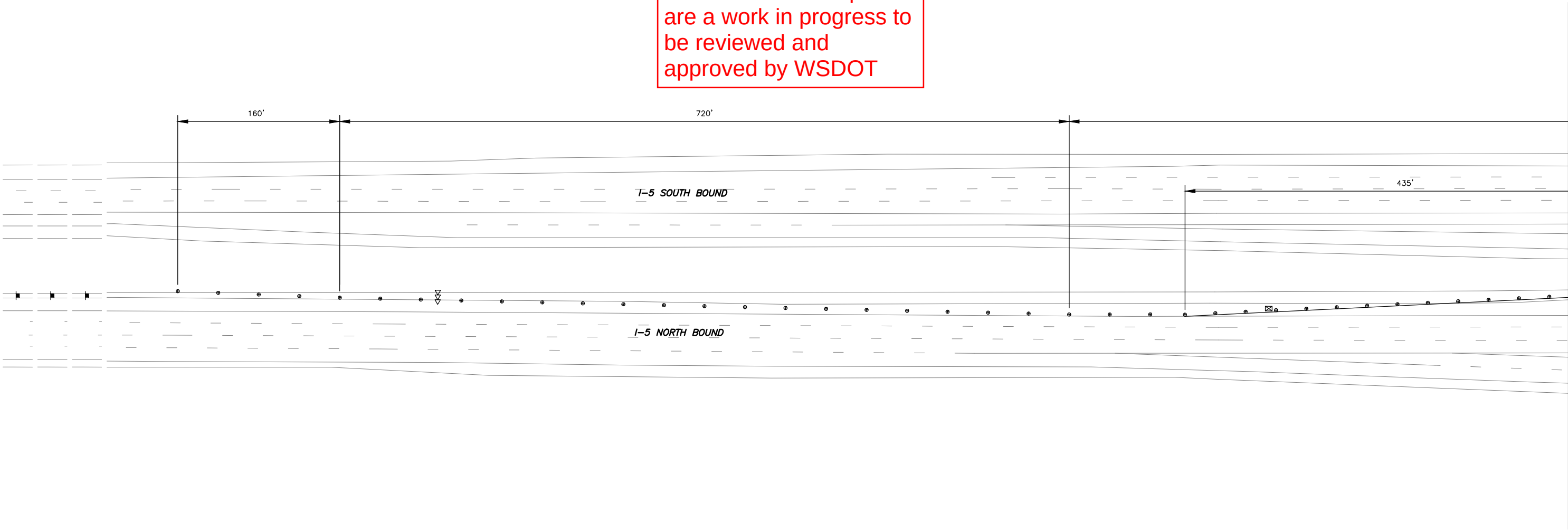
Drawn By	Date
<u>S. DELAVARPOUR</u>	<u>2/2024</u>
Designed By	
<u>E. BORGES</u>	<u>2/2024</u>
Checked By	
<u>V. WEN</u>	<u>2/2024</u>
Approved By	
<u>V. WEN</u>	<u>2/2024</u>

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD	Dr
POPLAR WAY EXTENSION BRIDGE	
PHASE 5 – WB 524 TO NB I-5 ON-RAMP CLOSURE	Sh
DETOUR PLAN	3

Drawing No.
DT6
Sheet No.
47 355
of Total

These I-5 Closure plans
are a work in progress to
be reviewed and
approved by WSDOT



NOTES:

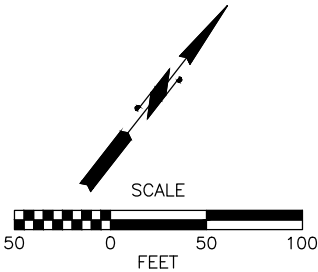
- 1. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

CONSTRUCTION NOTES:

- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



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Feb 27, 2024 - 1:48pm nancy.edon X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 CP.dwg Layout Name: CP1

No.	Date	Revision	By	Appr.

**PERITEET**
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EVERETT, WA 98201
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**LYNNWOOD**
WASHINGTON



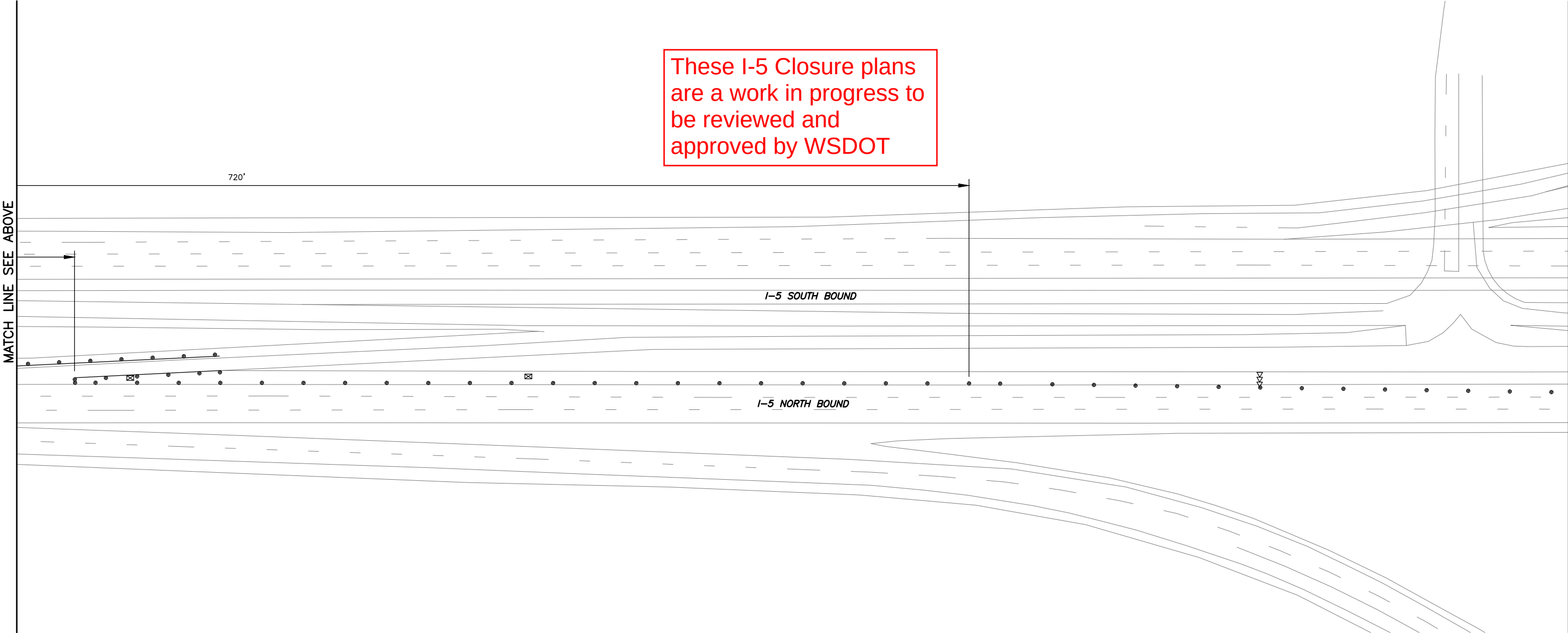
Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
NB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP1
Sheet No.	348
of Total	355

These I-5 Closure plans
are a work in progress to
be reviewed and
approved by WSDOT



CONSTRUCTION NOTES:

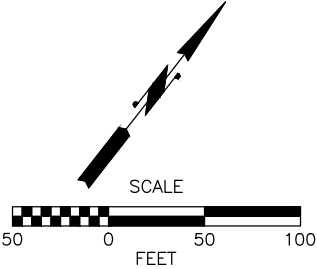
- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

NOTES:

- 1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



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PERTEET
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EVERETT, WA 98201
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Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
SB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP2
Sheet No.	349
of Total	355

These I-5 Closure plans
are a work in progress to
be reviewed and
approved by WSDOT

MATCH LINE SEE DWG CP2

MATCH LINE SEE DWG CP4

I-5 SOUTH BOUND

I-5 NORTH BOUND

NOTES:

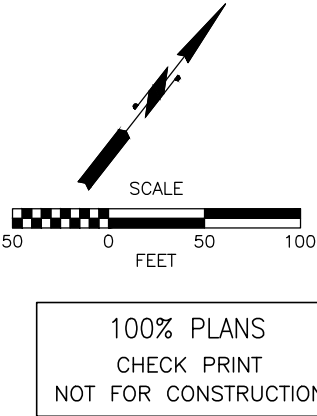
- 1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

CONSTRUCTION NOTES:

- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



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EVERETT, WA 98201
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Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

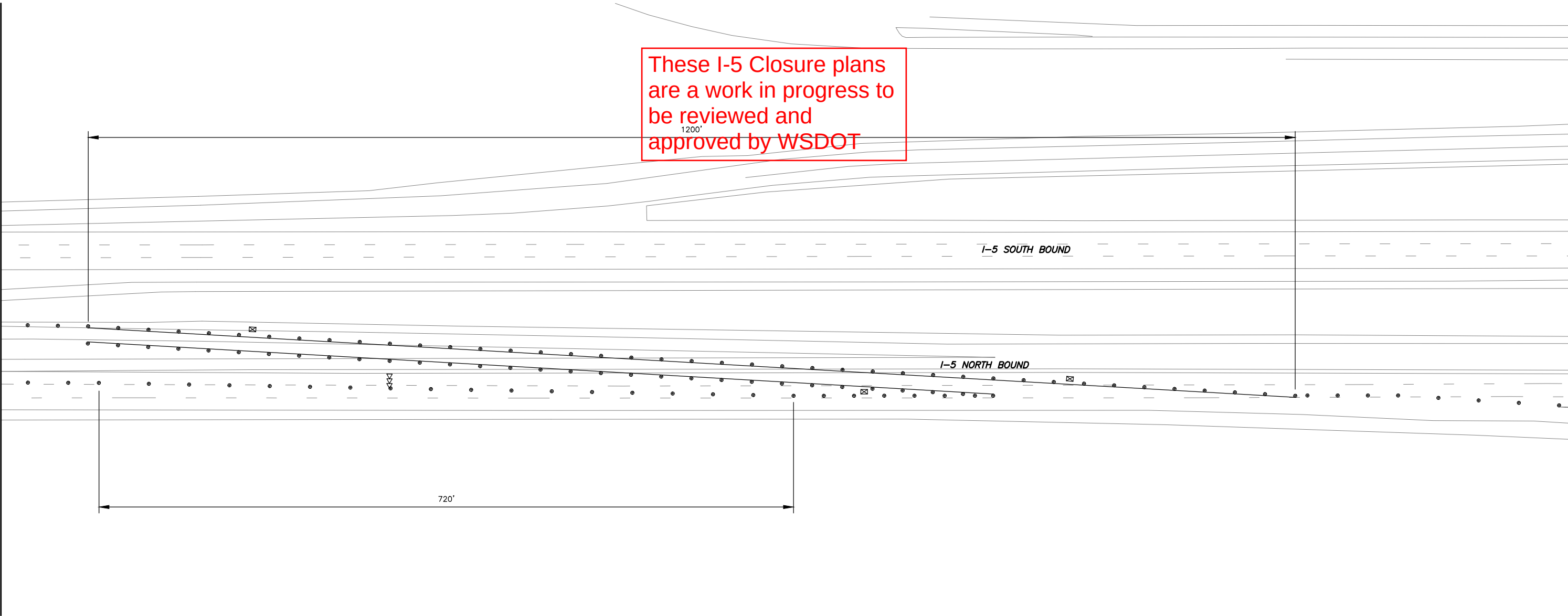
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

SB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP3
Sheet No.	350
of Total	355

MATCH LINE SEE DWG CP3

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are a work in progress to
be reviewed and
approved by WSDOT



CONSTRUCTION NOTES:

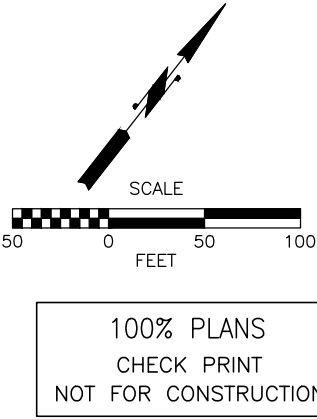
- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

NOTES:

- 1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



No.	Date	Revision	By	Appr.

PERTEET
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WASHINGTON

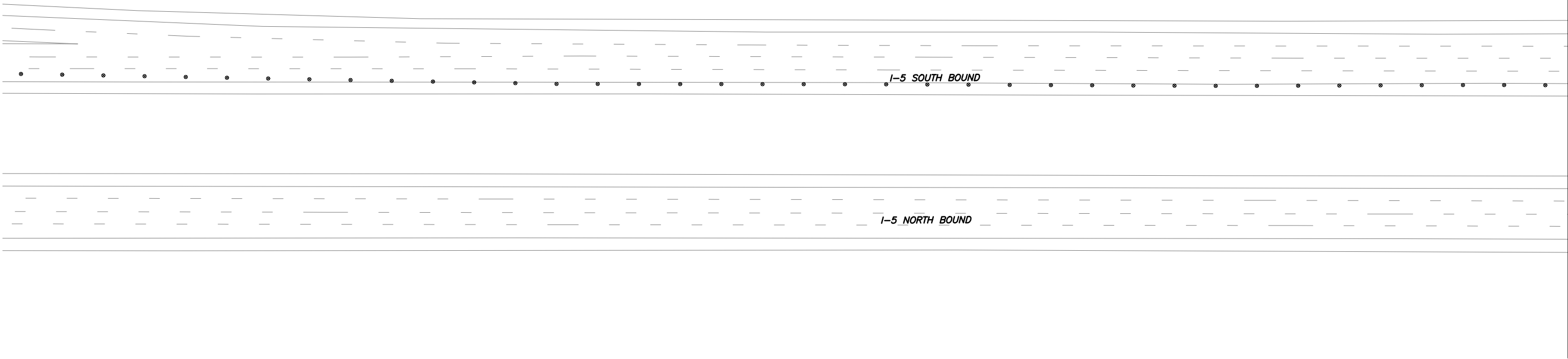


Drawn By	Date
S. DELAVARPOUR	2/2024
Designed By	
E. BORGES	2/2024
Checked By	
V. WEN	2/2024
Approved By	
V. WEN	2/2024

SCALE
Horiz 1" = 50'
Vert N/A
Project Number 20100156

CITY OF LYNNWOOD		Drawing No.
POPLAR WAY EXTENSION BRIDGE		CP4
SB I-5 MAINLINE CLOSURE PLAN		Sheet No. 351
		355 of Total

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are a work in progress to
be reviewed and
approved by WSDOT



MATCH LINE SEE DWG CP6

CONSTRUCTION NOTES:

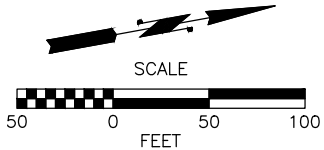
- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

NOTES:

- 1. ALL SIGNS SHALL BE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- 2. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- 3. CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.
- 4. TYPE C WARNING LIGHTS SHALL BE ATTACHED TO TRAFFIC SAFETY DRUMS FOR NIGHT TIME WORK ACTIVITY.
- 5. DEVICES SHALL NOT ENCROACH INTO THE ADJACENT LANE.
- 6. REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

TRAFFIC CONTROL LEGEND:

- Construction sign location
- Traffic safety drums with type C lights
- Type 2 Barricade
- Sequential arrow sign
- Temporary conc. barrier
- Active work area
- Temporary interurban trail detour
- Approximate proposed bus stop location
- Existing bus stop location



100% PLANS
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Feb 27, 2024 - 1:48pm K:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\Traffic Control\20100156 CP.dwg Layout Name: CP5

No.	Date	Revision	By	Appr.



PERITEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900



LYNNWOOD
WASHINGTON



Drawn By	S. DELAVARPOUR	Date	2/2024
Designed By	E. BORGES		2/2024
Checked By	V. WEN		2/2024
Approved By	V. WEN		2/2024

SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

SB I-5 MAINLINE CLOSURE PLAN

Drawing No.
CP5

Sheet No.
352
of Total
355

These I-5 Closure plans
are a work in progress to
be reviewed and
approved by WSDOT

MATCH LINE SEE DWG CP5

MATCH LINE SEE DWG CP7

I-5 SOUTH BOUND

I-5 NORTH BOUND

NOTES:

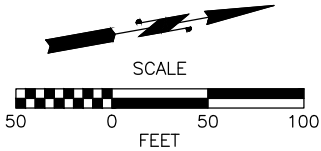
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- REMOVE EXISTING CHANNELIZATION WHERE CONFLICTS WITH TEMPORARY CHANNELIZATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR A PROPOSED METHOD OF TRUCK ACCESS TO I-5 WORK AREAS.

CONSTRUCTION NOTES:

- INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- RELOCATE BUS STOP

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



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SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

SB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP6
Sheet No.	353
of Total	355

These I-5 Closure plans
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approved by WSDOT

MATCH LINE SEE DWG CP6

MATCH LINE SEE DWG CP8

I-5 SOUTH BOUND

I-5 NORTH BOUND

NOTES:

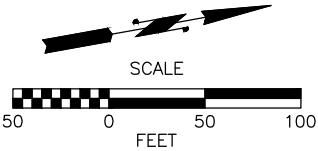
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CONSTRUCTION NOTES:

- 6 INSTALL TEMPORARY WIDE LANE LINE PER WSDOT STD PLAN M-20.10-04
- 9 INSTALL TEMPORARY DOUBLE YELLOW CENTERLINE PER WSDOT STD PLAN M-20.10-04
- 11 INSTALL TEMPORARY TYPE 2SR TRAFFIC ARROW PER WSDOT STD PLAN M-24.40-02
- 12 INSTALL TEMPORARY TRAFFIC LETTERS PER WSDOT STD PLAN M-80.10-01
- 15 RELOCATE BUS STOP

TRAFFIC CONTROL LEGEND:

- CONSTRUCTION SIGN LOCATION
- TRAFFIC SAFETY DRUMS WITH TYPE C LIGHTS
- TYPE 2 BARRICADE
- SEQUENTIAL ARROW SIGN
- TEMPORARY CONC. BARRIER
- ACTIVE WORK AREA
- TEMPORARY INTERURBAN TRAIL DETOUR
- APPROXIMATE PROPOSED BUS STOP LOCATION
- EXISTING BUS STOP LOCATION



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Approved By	V. WEN		2/2024

SCALE	
Horiz	1" = 50'
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

SB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP7
Sheet No.	354
of Total	355

These I-5 Closure plans
are a work in progress to
be reviewed and
approved by WSDOT

MATCH LINE SEE DWG CP7

I-5 SOUTH BOUND

I-5 NORTH BOUND

CONSTRUCTION NOTES:

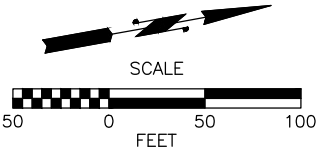
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
SB I-5 MAINLINE CLOSURE PLAN

Drawing No.	CP8
Sheet No.	355
of Total	355