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PLAN REFERENCE NO.

SHEET OF SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\010-Index\XL6285_PS_IN01.dgn
TIME	3:08:40 PM
DATE	4/5/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

INDEX

Plot 1

PLAN REF. NO. IN1

SHEET 1 OF 91 SHEETS

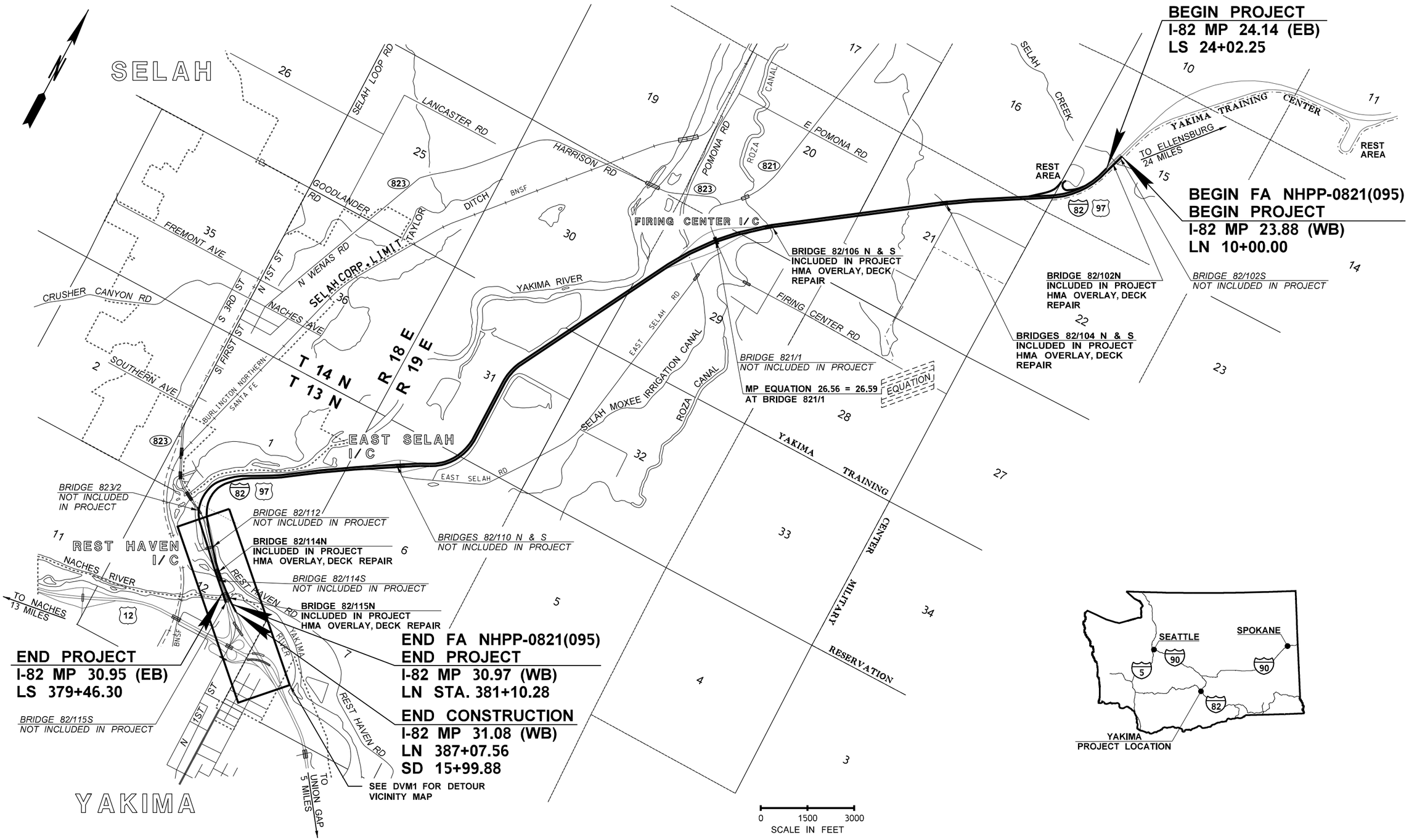
PROJECT LICENSED PROFESSIONAL CERTIFICATES

Andrew Byrd Apr 14, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Bijan Khaleghi Apr 14, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Michael Rosa Apr 14, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.

NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.



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TIME	3:16:11 PM					
DATE	4/5/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

VICINITY MAP

Plot 1
PLAN REF NO VM1
SHEET 3 OF 91 SHEETS

SUMMARY OF QUANTITIES

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 BRIDGE 82/102 N	GROUP 2 I-82 LN LINE MP 24.14 TO MP 26.22	GROUP 3 I-82 LN LINE MP 26.22 TO MP 26.78	GROUP 4 I-82 LN LINE MP 26.78 TO MP 30.36	GROUP 5 I-82 LN LINE MP 30.36 TO MP 30.93	GROUP 6 I-82 LN LINE MP 30.93 TO MP 31.08	GROUP 2 I-82 LS LINE MP 24.14 TO MP 26.22	GROUP 2 REST AREA RAMP RA AND PL LINE	GROUP 3 I-82 LS LINE MP 26.22 TO MP 26.78	GROUP 4 I-82 LS LINE MP 26.78 TO MP 30.36	GROUP 5 I-82 LS LINE MP 30.36 TO MP 30.93	GROUP 6 I-82 LS LINE MP 30.93 TO MP 31.08	GROUP 5 SR 823 / I-82 LN LINE DETOUR	GROUP 7 THIRD PARTY DAMAGES		
						PREPARATION																
1	LUMP SUM		LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.				
2	766.00		766.00	0185	EACH	REMOVING GUIDE POST	13.00	111.00	30.00	191.00	30.00	8.00	111.00	21.00	30.00	191.00	30.00					
3	30630.00		30630.00		L.F.	REMOVING TEMPORARY PAVEMENT MARKING													30,630.00			
4	9015.00		9015.00	0187	L.F.	REMOVING PAINT LINE													9,015.00			
5	665.00		665.00	0190	L.F.	REMOVING PLASTIC LINE													665.00			
6	8.00		8.00	0200	EACH	REMOVING PLASTIC TRAFFIC MARKING													8.00			
						GRADING																
7	40.00		40.00	0300	C.Y.	ROADWAY EXCAVATION					40.00											
						STRUCTURE																
8	76.00		76.00	4444	L.F.	EXPANSION JOINT MODIFICATION STRIP SEAL & HDR REPLACMENT	76.00															
9	254.00		254.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/102N	254.00															
10	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/104N		50.00														
11	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/106N			50.00													
12	57.00		57.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/114N					57.00											
13	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/115N					50.00											
14	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/104S							50.00									
15	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 82/106S									50.00							
16	5646.00		5646.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/102N	5,646.00															
17	722.00		722.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/104N		722.00														
18	583.00		583.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/106N			583.00													
19	1195.00		1195.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/114N					1,195.00											
20	1104.00		1104.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/115N					1,104.00											
21	750.00		750.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/104S							750.00									
22	443.00		443.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 82/106S									443.00							
						LIQUID ASPHALT																
23	14.00		14.00	5340	TON	ASPHALT FOR FOG SEAL	0.24	2.03	0.55	3.49	0.56	0.15	2.03	0.35	0.55	3.49	0.56					
						HOT MIX ASPHALT																
24	14.76		14.76	5701	CM	CRACK SEALING-CM	0.26	2.14	0.58	3.69	0.59	0.15	2.14	0.35	0.58	3.69	0.59					
25	242554.27		242554.27	5711	S.Y.	PLANING BITUMINOUS PAVEMENT	133.74	33,434.96	10,594.54	66,951.79	6,252.48	646.72	37,867.79	5,917.26	9,355.66	66,817.86	4,581.47					
26	5645.00		5645.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/102N	5,645.00															
27	722.00		722.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/104N		722.00														
28	583.00		583.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/106N			583.00													
29	1195.00		1195.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 2/114N					1,195.00											
30	1104.00		1104.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/115					1,104.00											
31	750.00		750.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/104S							750.00									
32	443.00		443.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK 82/106S									443.00							
33	1790.00		1790.00	5766	TON	HMA CL. 3/8 IN. PG 64H-28	965.00	120.00	105.00		405.00		120.00		75.00							
34	24875.00		24875.00	5767	TON	HMA CL. 1/2 IN. PG 64H-28	434.00	3,608.00	971.00	6,210.00	989.00	260.00	3,608.00	625.00	971.00	6,210.00	989.00					
35	67755.00		67755.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1,181.00	9,827.00	2,646.00	16,915.00	2,694.00	710.00	9,826.00	1,701.00	2,646.00	16,915.00	2,694.00					
36	112925.00		112925.00	5835	DOL	COMPACTION PRICE ADJUSTMENT	1,969.00	16,380.00	4,410.00	28,190.00	4,490.00	1,181.00	16,380.00	2,835.00	4,410.00	28,190.00	4,490.00					
37	16711.00		16711.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	291.00	2,424.00	652.00	4,172.00	664.00	175.00	2,424.00	420.00	653.00	4,172.00	664.00					
38	726.00		726.00	6514	L.F.	LONGITUDINAL JOINT SEAL	76.00				612.00		38.00									
39	773.00		773.00	6511	L.F.	HMA SAWCUT AND SEAL		88.00	107.00	73.00	144.00		88.00		80.00	73.00	120.00					

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	082	391800	**	STATE MVA,FEDERAL
2	082	391800	**	STATE MVA,FEDERAL
3	082	391801	**	STATE MVA,FEDERAL
4	082	391800	**	STATE MVA,FEDERAL
5	082	391801	**	STATE MVA,FEDERAL
6	082	391810	**	STATE MVA,FEDERAL
7	082	391800	**	STATE 3RD PARTY

SUMMARY OF QUANTITIES

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 BRIDGE 82/102 N	GROUP 2 I-82 LN LINE MP 24.14 TO MP 26.22	GROUP 3 I-82 LN LINE MP 26.22 TO MP 26.78	GROUP 4 I-82 LN LINE MP 26.78 TO MP 30.36	GROUP 5 I-82 LN LINE MP 30.36 TO MP 30.93	GROUP 6 I-82 LN LINE MP 30.93 TO MP 31.08	GROUP 2 I-82 LS LINE MP 24.14 TO MP 26.22	GROUP 2 REST AREA RAMP RA AND PL LINE	GROUP 3 I-82 LS LINE MP 26.22 TO MP 26.78	GROUP 4 I-82 LS LINE MP 26.78 TO MP 30.36	GROUP 5 I-82 LS LINE MP 30.36 TO MP 30.93	GROUP 6 I-82 LS LINE MP 30.93 TO MP 31.08	GROUP 5 SR 823 / I-82 LN LINE DETOUR	GROUP 7 THIRD PARTY DAMAGES		
40	-1.00		-1.00	6516	DOL	CYCLIC DENSITY PRICE ADJUSTMENT	-1.00															
41	-1.00		-1.00	6520	DOL	ASPHALT BINDER REVISION				-1.00												
						EROSION CONTROL AND ROADSIDE PLANTING																
42	50.00		50.00	6471	EACH	INLET PROTECTION		4.00	2.00	8.00			5.00	3.00	5.00	23.00						
43	10000.00		10000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	174.00	1,450.00	390.00	2,496.00	398.00	105.00	1,450.00	253.00	390.00	2,496.00	398.00					
						TRAFFIC																
44	25.00		25.00	6701	L.F.	CEMENT CONC. TRAFFIC CURB			25.00													
45	5.00		5.00	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 2													5.00			
46	75.00		75.00	6780	L.F.	REMOVING AND RESETTING BEAM GUARDRAIL													75.00			
47	467.00		467.00	6781	L.F.	TEMPORARY BARRIER													467.00			
48	965.00		965.00	6784	L.F.	REMOVING AND RESETTING EXISTING PERMANENT BARRIER													965.00			
49	1150.00		1150.00	6832	EACH	FLEXIBLE GUIDE POST		153.00	41.00	264.00	42.00	12.00	153.00	138.00	41.00	264.00	42.00					
50	86.00		86.00	6830	EACH	BARRIER DELINEATOR													86.00			
51	167240.00		167240.00	6806	L.F.	PAINT LINE	2,961.00	24,637.00	6,633.00	42,404.00	6,752.00	1,777.00	24,637.00	1,650.00	6,633.00	42,404.00	6,752.00					
52	73252.00		73252.00	6813	L.F.	GROOVED PLASTIC LINE	1,310.00	10,899.00	2,934.00	18,758.00	2,987.00	786.00	10,899.00		2,934.00	18,758.00	2,987.00					
53	12190.00		12190.00	6861	L.F.	GROOVED PLASTIC WIDE LINE		1,799.00	487.00	3,097.00	493.00	130.00	1,799.00	311.00	484.00	3,097.00	493.00					
54	3057.00		3057.00		L.F.	GROOVED PLASTIC LANE LINE - DOTTED		451.00	121.00	777.00	124.00	33.00	451.00	78.00	121.00	777.00	124.00					
55	1902.00		1902.00		L.F.	GROOVED PLASTIC WIDE LINE - DOTTED					1,327.00	575.00										
56	33.00		33.00		EACH	TUBULAR MARKER													33.00			
57	8.00		8.00	6833	EACH	PLASTIC TRAFFIC ARROW					2.00			1.00					5.00			
58	237.00		237.00	6880	EACH	PAINTED DRAINAGE MARKING		39.00	16.00	35.00			41.00	18.00	20.00	68.00						
59	8.00		8.00	9244	EACH	PLASTIC AERIAL SURVEILLANCE FULL MARKER		3.00		1.00			3.00			1.00						
60	8.00		8.00	9246	EACH	PLASTIC AERIAL SURVEILLANCE 1/2 MARKER		2.00	1.00	1.00			2.00		1.00	1.00						
61	13.92		13.92	6892	MI.	SHOULDER RUMBLE STRIP TYPE 1		2.03	0.60	3.49	0.56	0.20	2.03	0.36	0.60	3.49	0.56					
62	LUMP SUM		LUMP SUM	6890	L.S.	PERMANENT SIGNING													L.S.			
63	166043.00		166043.00	6895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	2,956.00	21,598.00	5,815.00	37,173.00	5,918.00	1,558.00	21,598.00	3,737.00	5,815.00	37,173.00	5,919.00		16,783.00			
64	3.00		3.00	6872	EACH	TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION													3.00			
65	885.00		885.00	6902	S.F.	SIGN COVERING													885.00			
66	5250.00		5250.00	6993	HR	PORTABLE CHANGEABLE MESSAGE SIGN								1,050.00					4,200.00			
67	LUMP SUM		LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL													L.S.			
68	1620.00		1620.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	24.00		64.00	96.00			58.00		64.00	56.00			1,258.00			
69	90.00		90.00	6821	L.F.	PAINTED CROSSHATCH MARKING													90.00			
						OTHER ITEMS																
70	LUMP SUM		LUMP SUM	7003	L.S.	TYPE B PROGRESS SCHEDULE	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.					
71	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING	L.S.	L.S.	L.S.		L.S.		L.S.		L.S.		L.S.					
72	3.00		3.00		EACH	REMOVING AND RESETTING MONUMENT CASE AND COVER				1.00						2.00						
73	7500.00		7500.00	7480	DOL	ROADSIDE CLEANUP	131.00	1,088.00	293.00	1,872.00	298.00	79.00	1,088.00	188.00	293.00	1,872.00	298.00					
74	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE														5.00		
75	-1.00		-1.00	7728	DOL	MINOR CHANGE				-1.00												
76	-1.00		-1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT				-1.00												
77	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.					

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	082	391800	**	STATE MVA,FEDERAL
2	082	391800	**	STATE MVA,FEDERAL

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	NHPP-0821(095)

JOB NUMBER 22Y008/2

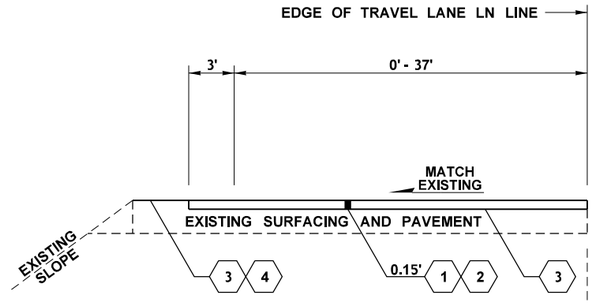
CONTRACT NO 000000

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY
PAVING & JOINT REPAIR

SUMMARY OF QUANTITIES

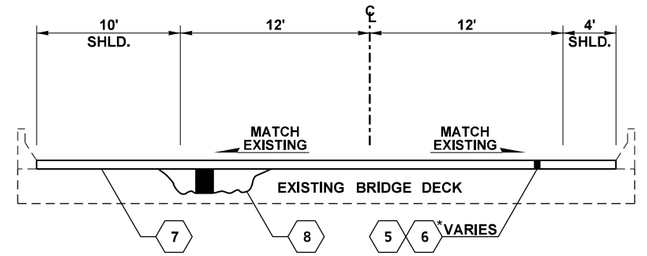
SQ2



SPEED CHANGE LANE SECTION A1

(NOT TO SCALE)

LN 339+96 TO LN 354+87

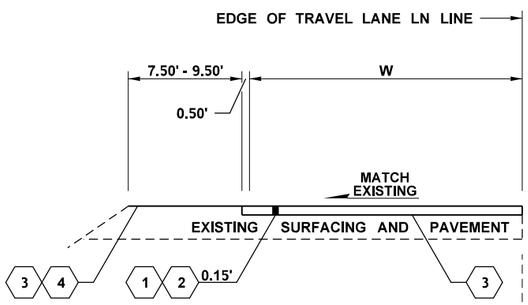


*0.22' TO 0.33' (82/104N)
0.24' TO 0.27' (82/106N)

ROADWAY SECTION B

(NOT TO SCALE)

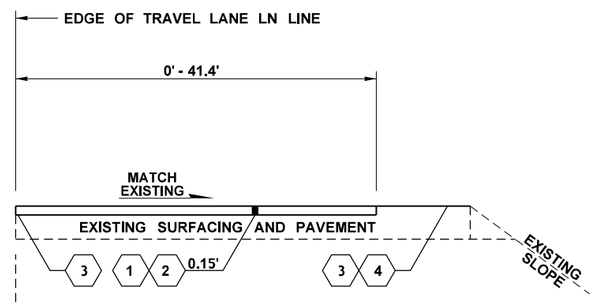
LN 77+46 TO LN 79+13 (82/104N)
LN 133+76 TO LN 134+81 (82/106N)



SPEED CHANGE LANE SECTION A3

(NOT TO SCALE)

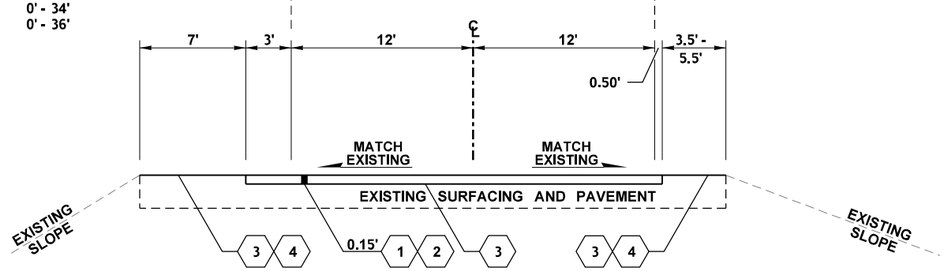
STATION	W
LN 127+53 TO LN 133+76	0' - 34'
LN 134+81 TO LN 142+66	0' - 35'
LN 168+38 TO LN 171+90	0' - 36'
LN 258+34 TO LN 274+25	0' - 34'
LN 291+48 TO LN 295+00	0' - 36'



SPEED CHANGE LANE SECTION A2

(NOT TO SCALE)

LN 360+85 TO LN 370+35



ROADWAY SECTION A

(NOT TO SCALE)

LN 10+00 TO LN 10+44
LN 23+80 TO LN 77+46
LN 79+13 TO LN 127+53
LN 142+66 TO LN 168+38
LN 171+90 TO LN 258+34
LN 274+25 TO LN 281+34
LN 282+38 TO LN 291+48
LN 295+00 TO LN 339+96
LN 354+87 TO LN 360+85

LEGEND

1. HMA CL. 1/2 IN. PG 64H-28
2. PLANING BITUMINOUS PAVEMENT
3. CRACK SEALING - CM
4. ASPHALT FOR FOG SEAL
5. HMA CL. 3/8 IN. PG 64H-28
6. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
7. WATERPROOF MEMBRANE
8. BRIDGE DECK REPAIR

NOTES:

1. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS.
2. SEE PAVING PLANS AND PAVEMENT MARKING PLANS FOR VARIABLE LANE AND SHOULDER WIDTHS.
3. SEE SHEET PD1 PAVING DETAILS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\050-RdwySec\XL6285_PS_RS.dgn
TIME	1:38:52 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19987 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
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DATE
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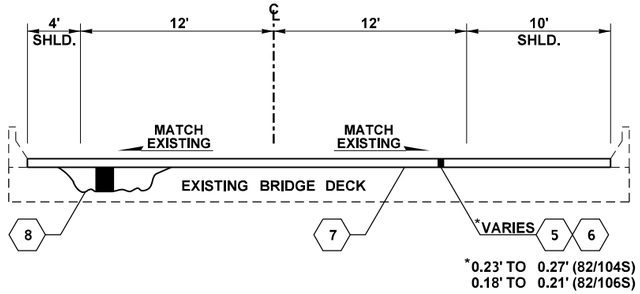
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ROADWAY SECTIONS

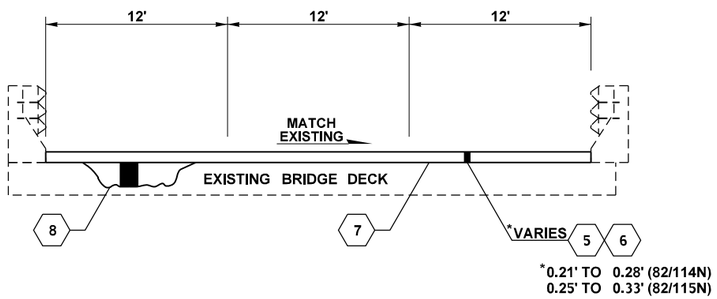
Plot 1
PLAN REF NO RS1
SHEET 6 OF 91 SHEETS



ROADWAY SECTION D

(NOT TO SCALE)

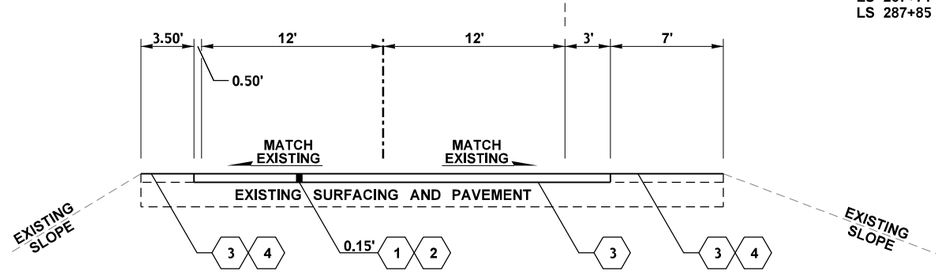
LS 77+28 TO LS 79+05 (82/104S)
LS 133+42 TO LS 134+47 (82/106S)



ROADWAY SECTION E

(NOT TO SCALE)

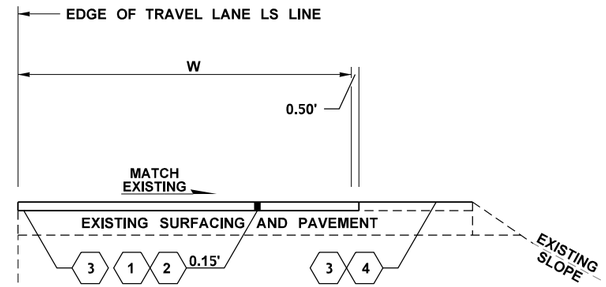
LN 370+35 TO LN 373+50 (82/114N)
LN 376+85 TO LN 379+60 (82/115N)



ROADWAY SECTION C

(NOT TO SCALE)

LS 24+02 TO LS 28+56	LS 178+24 TO LS 267+71
LS 34+00 TO LS 48+08	LS 272+79 TO LS 280+45
LS 62+19 TO LS 77+28	LS 281+49 TO LS 287+85
LS 79+05 TO LS 133+42	LS 302+09 TO LS 354+85
LS 134+47 TO LS 135+00	LS 357+79 TO LS 369+23
LS 138+52 TO LS 164+07	

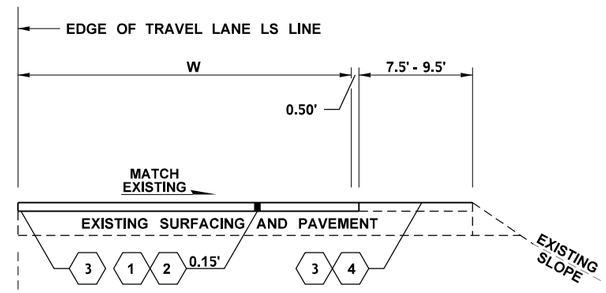


SPEED CHANGE LANE SECTION C1

(NOT TO SCALE)

STATION	W
LS 28+56 TO LS 34+00	0' - 52'
LS 48+08 TO LS 62+19	0' - 44'
LS 354+85 TO LS 359+79	0' - 30'

STATION	W
LS 369+23 TO LS 372+45	10' - 37'
LS 375+30 TO LS 378+17	12'
LS 378+32 TO LS 379+46	12'



SPEED CHANGE LANE SECTION C2

(NOT TO SCALE)

STATION	W
LS 135+00 TO LS 138+52	0' - 36'
LS 164+07 TO LS 178+24	0' - 34'
LS 267+71 TO LS 272+79	0' - 34'
LS 287+85 TO LS 302+09	0' - 34'

LEGEND

1. HMA CL. 1/2 IN. PG 64H-28
2. PLANING BITUMINOUS PAVEMENT
3. CRACK SEALING - CM
4. ASPHALT FOR FOG SEAL
5. HMA CL. 3/8 IN. PG 64H-28
6. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
7. WATERPROOF MEMBRANE
8. BRIDGE DECK REPAIR

NOTES:

1. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS.
2. SEE PAVING PLANS AND PAVEMENT MARKING PLANS FOR VARIABLE LANE AND SHOULDER WIDTHS.
3. SEE SHEET PD1 PAVING DETAILS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\050-RdwySec\XL6285_PS_RS.dgn
TIME	1:38:59 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19873 — REGISTERED PROFESSIONAL ENGINEER

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Washington State Department of Transportation

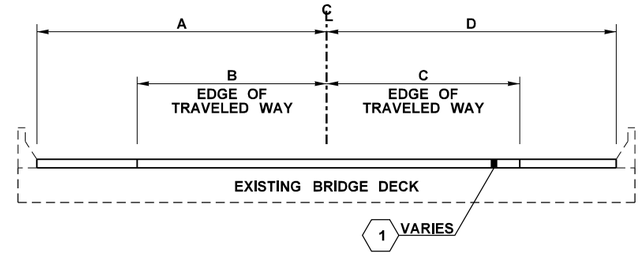
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

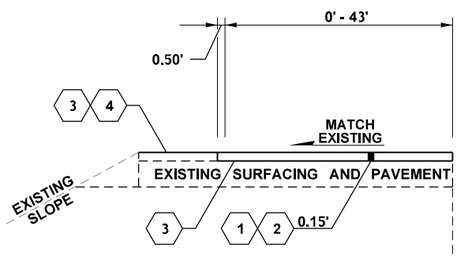
ROADWAY SECTIONS

Plot 2
PLAN REF NO RS2
SHEET 7 OF 91 SHEETS

BRIDGE PAVING SCHEDULE

STA	BRIDGE NUMBER	A	B	C	D	GRADE CONTROL	EXISTING BITUMIN. DEPTH	MAX. PLANE DEPTH (1)	
								PARTIAL/FULL	DEPTH
LN 10+44 TO LN 23+80	82/102N	22'	12'	12'	16'	GRADE CONTROLLED	0.18'-0.30'	FULL	0.18'-0.30'
LN 77+46 TO LN 79+13	82/104N	22'	12'	12'	16'	GRADE CONTROLLED	0.22'-0.33'	FULL	0.22'-0.33'
LS 77+28 TO LS 79+05	82/104S	16'	12'	12'	22'	GRADE CONTROLLED	0.23'-0.27'	FULL	0.23'-0.27'
LN 133+76 TO LN 134+81	82/106N	34.25'/ 36.33'	12'	12'	16'	GRADE CONTROLLED	0.24'-0.27'	FULL	0.24'-0.27'
LS 133+42 TO LS 134+47	82/106S	16'	12'	12'	22'	GRADE CONTROLLED	0.18'-0.21'	FULL	0.18'-0.21'
LN 370+35 TO LN 373+50	82/114N	12'	12'	24'	24'	GRADE CONTROLLED	0.21'-0.28'	PARTIAL	0.21'-0.28'
LN 376+85 TO LN 379+60	82/115N	12'	12'	24'	24'	GRADE CONTROLLED	0.25'-0.33'	PARTIAL	0.25'-0.33'

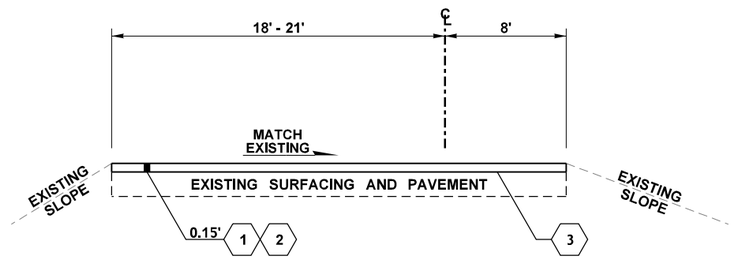




SPEED CHANGE LANE SECTION F1

(NOT TO SCALE)

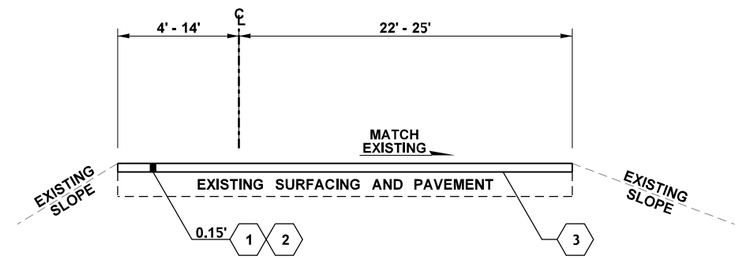
LN 366+76 TO LN 370+17



ROADWAY SECTION G

(NOT TO SCALE)

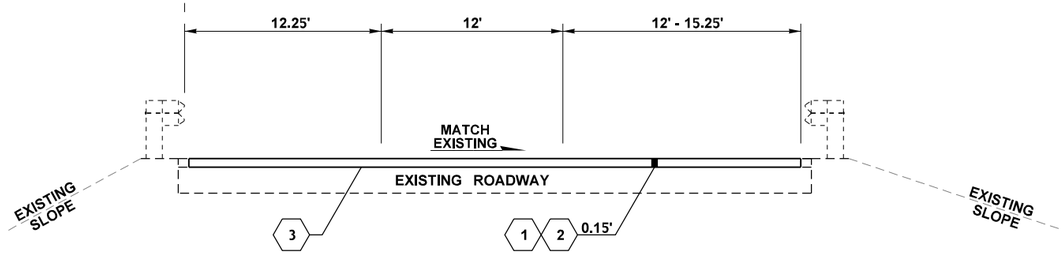
RA 0+72 TO RA 7+96
RA 30+77 TO RA 40+73



ROADWAY SECTION H

(NOT TO SCALE)

PL 0+00 TO PL 1+92.50



ROADWAY SECTION F

(NOT TO SCALE)

LN 373+50 TO LN 376+85
LN 379+60 TO LN 381+10

NOTES:

1. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS.
2. SEE PAVING PLANS AND PAVEMENT MARKING PLANS FOR VARIABLE LANE AND SHOULDER WIDTHS.
3. SEE SHEET PD1 PAVING DETAILS.

LEGEND

- (1) HMA CL. 1/2 IN. PG 64H-28
- (2) PLANING BITUMINOUS PAVEMENT
- (3) CRACK SEALING - CM
- (4) ASPHALT FOR FOG SEAL

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\050-RdwySec\XL6285_PS_RS.dgn
TIME	1:39:06 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER

CONTRACT NO. | LOCATION NO.

SEE SHEET CT1

DATE

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DATE

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Washington State Department of Transportation

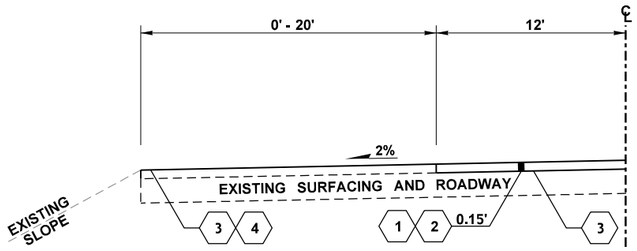
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ROADWAY SECTIONS

Plot 3

PLAN REF NO RS3

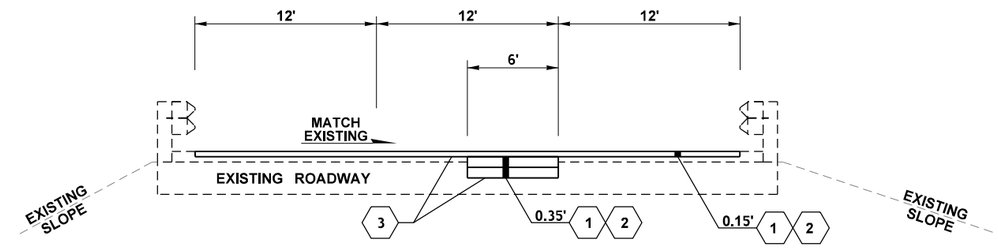
SHEET 8 OF 91 SHEETS



ROADWAY SECTION I

CHAIN UP/CHAIN OFF AREA
(NOT TO SCALE)

LN 92+73 TO LN 128+69

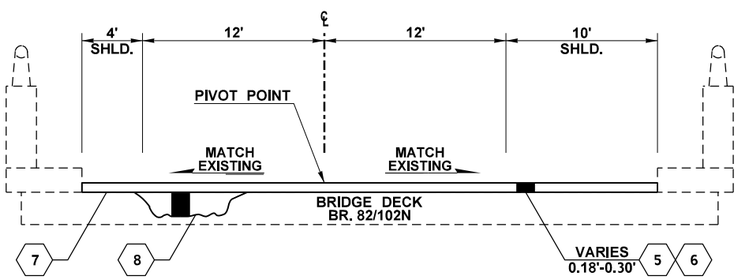


ROADWAY SECTION K

(NOT TO SCALE)

*LS 378+17 TO LS 378+32

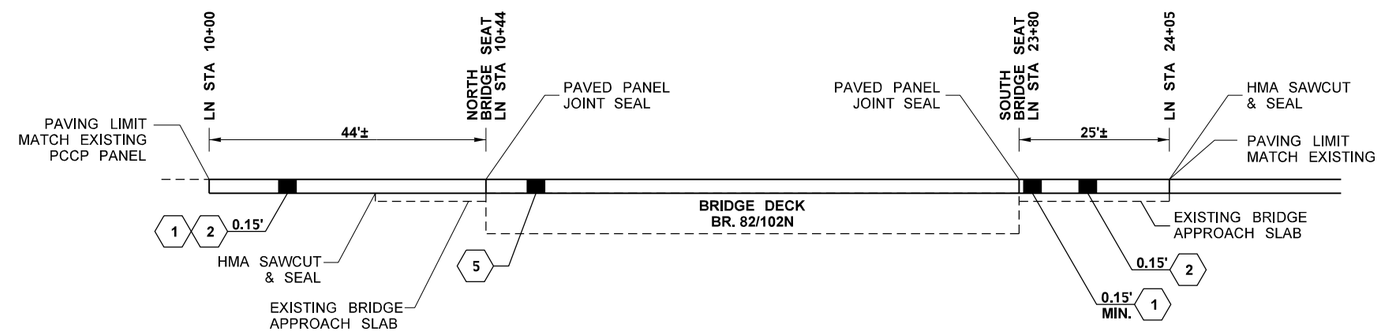
*EXACT LOCATION OF ADDITIONAL PLANING BITUMINOUS PAVEMENT TO BE VERIFIED IN THE FIELD BY ENGINEER.



BRIDGE SECTION J

(NOT TO SCALE)

SEE BA1 FOR PAVING LIMITS
LN 10+44 TO LN 23+80 (82/102N)



BRIDGE TRANSITION DETAIL

(NOT TO SCALE)

LN 10+00 TO LN 24+05

LEGEND

1	HMA CL. 1/2 IN. PG 64H-28	5	HMA CL. 3/8 IN. PG 64H-28
2	PLANING BITUMINOUS PAVEMENT	6	REMOVING EXISTING OVERLAY FROM BRIDGE DECK
3	CRACK SEALING - CM	7	WATERPROOF MEMBRANE
4	ASPHALT FOR FOG SEAL	8	BRIDGE DECK REPAIR

NOTES:

1. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS.
2. SEE PAVING PLANS AND PAVEMENT MARKING PLANS FOR VARIABLE LANE AND SHOULDER WIDTHS.
3. SEE SHEET PD1 PAVING DETAILS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\050-RdwySec\XL6285_PS_RS.dgn				REGION NO. 10	STATE WASH
TIME	1:39:13 PM					
DATE	4/11/2022					
PLOTTED BY	kolzowa				JOB NUMBER 22Y008	
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU				CONTRACT NO.	
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

FED.AID PROJ.NO.
NHPP-0821(095)
LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

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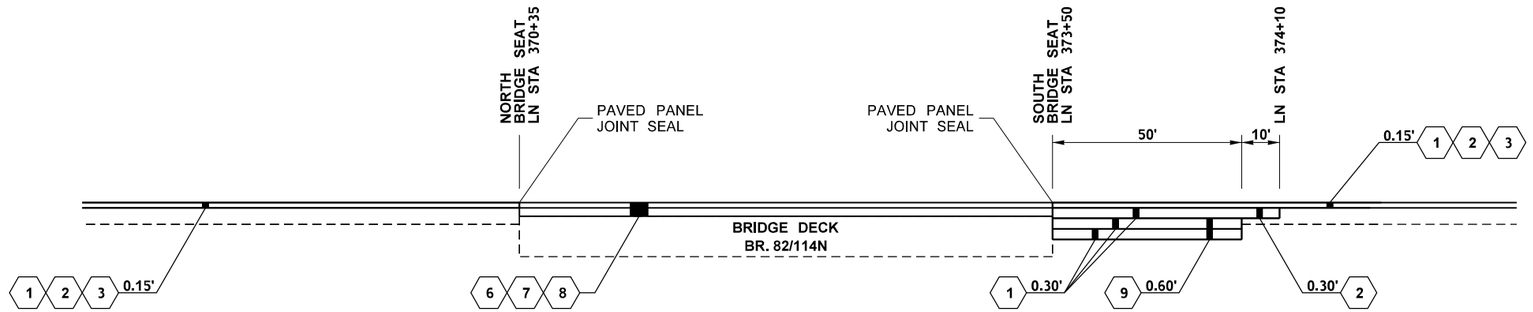
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

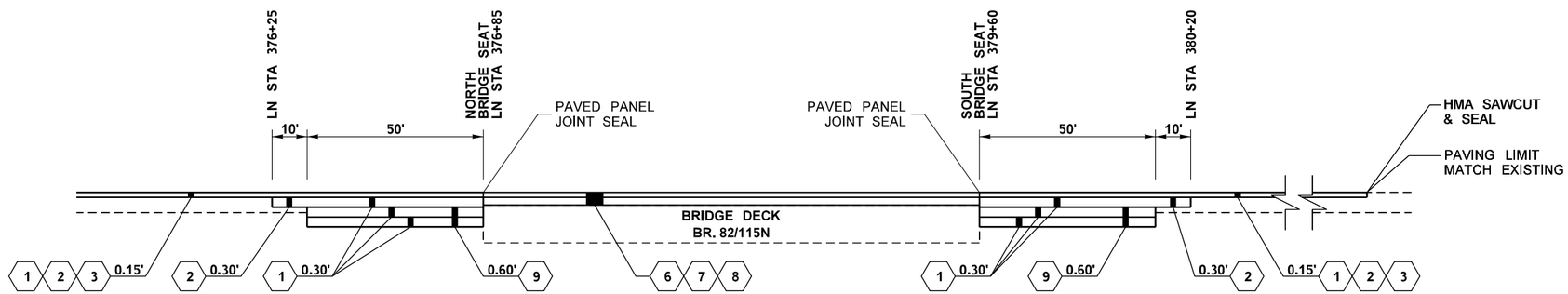
ROADWAY SECTIONS

Plot 4
PLAN REF NO RS4
SHEET 9 OF 91 SHEETS



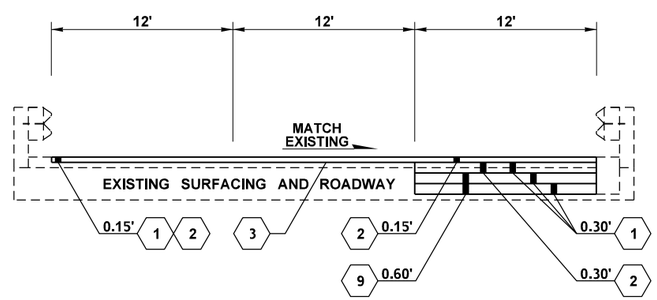
ROADWAY BRIDGE APPROACH TRANSITION DETAIL (82/114N)

(NOT TO SCALE)



ROADWAY BRIDGE APPROACH TRANSITION DETAIL (82/115N)

(NOT TO SCALE)



ROADWAY BRIDGE APPROACH SECTION (OUTSIDE LANE)

(NOT TO SCALE)

NOTES:

1. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS.
2. SEE PAVING PLANS AND PAVEMENT MARKING PLANS FOR VARIABLE LANE AND SHOULDER WIDTHS.
3. SEE SHEET PD1 PAVING DETAILS.

LEGEND

1	HMA CL. 1/2 IN. PG 64H-28
2	PLANING BITUMINOUS PAVEMENT
3	CRACK SEALING - CM
6	REMOVING EXISTING OVERLAY FROM BRIDGE DECK
7	WATERPROOF MEMBRANE
8	BRIDGE DECK REPAIR
9	ROADWAY EXCAVATION

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\050-RdwySec\XL6285_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
TIME	1:39:23 PM				JOB NUMBER 22Y008		
DATE	4/11/2022				CONTRACT NO.		LOCATION NO.
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	A. KOLZOW						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

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Washington State Department of Transportation

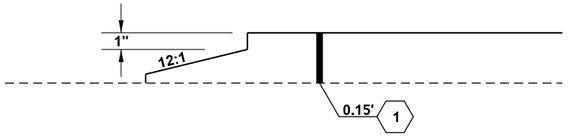
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ROADWAY REPAIR PLAN

Plot 5

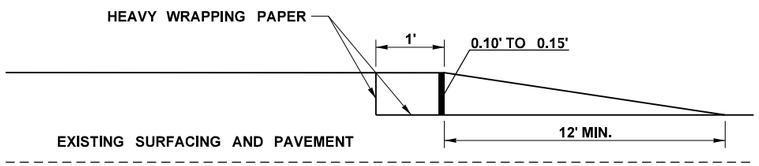
PLAN REF NO RS5

SHEET 10 OF 91 SHEETS



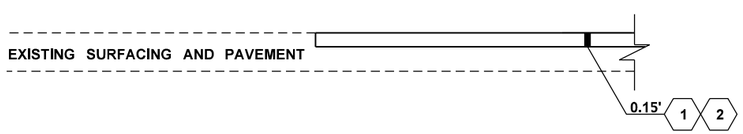
NOTCHED WEDGE LONGITUDINAL PAVED JOINT

(NOT TO SCALE)



TEMPORARY TRANSVERSE HMA WEDGE

(NOT TO SCALE)



TYPICAL BUTT JOINT PLANING DETAIL

(NOT TO SCALE)
FOR USE ON ALL MAINLINE & RAMP BUTT JOINTS

LEGEND

1 HMA CL. 1/2 IN. PG 64H-28

2 PLANING BITUMINOUS PAVEMENT

NOTE:

CONTRACTOR SHALL REPAVE BACK TO EXISTING GRADE.

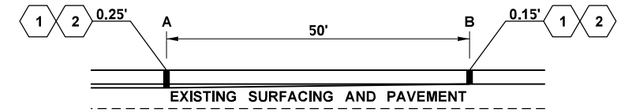
DRAINAGE MARKING LOCATIONS

LS LINE	NO. OF MARKERS	INLET PROTECTION
40+84	2	1
47+73	2	1
52+09	2	
64+28	2	
67+20	2	1
73+70	2	
76+35	2	
84+30	2	1
88+78	2	
90+20	2	
93+23	2	
102+90	2	
104+27	2	
104+30	2	1
104+87	2	
112+79	1	
116+35	2	
120+97	2	
123+30	2	
129+29	2	
133+33	2	
134+57	1	1
134+70	1	1
134+99	2	
135+01	2	
135+80	2	1
138+30	2	
140+83	2	1
145+09	2	
159+02	2	
159+16	2	1
161+40	2	
163+80	2	
164+48	2	
167+72	2	1
168+19	2	
176+72	2	1
179+72	2	
186+72	2	1
191+71	2	
196+72	2	1
208+72	2	1
218+74	2	1
221+47	2	
228+90	2	1
238+98	2	1
241+39	2	
247+72	2	
249+21	2	1
249+98	2	
259+00	2	1
275+07	2	1
287+07	2	1
289+32	2	
292+07	2	1
296+07	2	1
301+07	2	1
306+14	2	1
314+14	2	1
318+14	2	1
322+14	2	1
327+14	2	1
330+14	2	1
334+41	2	1
339+39	2	1
350+10	2	
TOTAL	129	33

LN LINE	NO. OF MARKERS	INLET PROTECTION
48+47	2	
65+41	2	
74+06	2	
76+96	2	1
77+03	2	
78+69	1	
89+56	2	
89+71	2	
92+96	4	1
103+57	2	
105+66	2	
106+26	2	
114+28	2	
116+56	2	
120+96	2	1
122+36	2	
123+97	2	
129+86	2	1
129+96	2	
133+70	2	
134+84	1	1
134+99	1	1
135+26	2	
135+38	2	
138+97	2	
145+51	2	
159+28	2	
161+96	2	
164+06	2	
165+28	2	
167+93	1	1
168+26	2	
179+96	2	
191+38	2	
221+71	2	
240+56	2	
247+47	2	
250+16	2	
270+95	2	1
290+21	2	
301+96	2	1
306+96	2	1
328+02	2	1
335+25	2	1
359+66	2	1
360+70	2	1
TOTAL	90	14

RA LINE	NO. OF MARKERS	INLET PROTECTION
6+04	2	
16+36	2	
29+49	2	
31+71	2	
35+13	2	1
40+40	2	1
44+73	2	
TOTAL	14	2

PL LINE	NO. OF MARKERS	INLET PROTECTION
1+13	2	1
2+98	2	
TOTAL	4	1



BRIDGE PAVING TRANSITION DETAIL

	A STA.	TO	B STA.
BRIDGE 82/102N	LN 9+94		LN 10+44
	LN 23+80		LN 24+30
BRIDGE 82/104S	LS 76+78		LS 77+28
	LS 79+05		LS 79+55
BRIDGE 82/104N	LN 76+96		LN 77+46
	LN 79+13		LN 79+63
BRIDGE 82/106S	LS 132+92		LS 133+42
	LS 134+47		LS 134+97
BRIDGE 82/106N	LN 133+26		LN 133+76
	LN 134+81		LN 135+31
BRIDGE 82/114N	LN 369+85		LN 370+35
	LN 373+50		LN 374+00
BRIDGE 82/115N	LN 376+35		LN 376+85
	LN 379+60		LN 380+10

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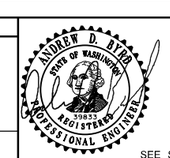
DATE	4/11/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	S. BOURQUE					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.



SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

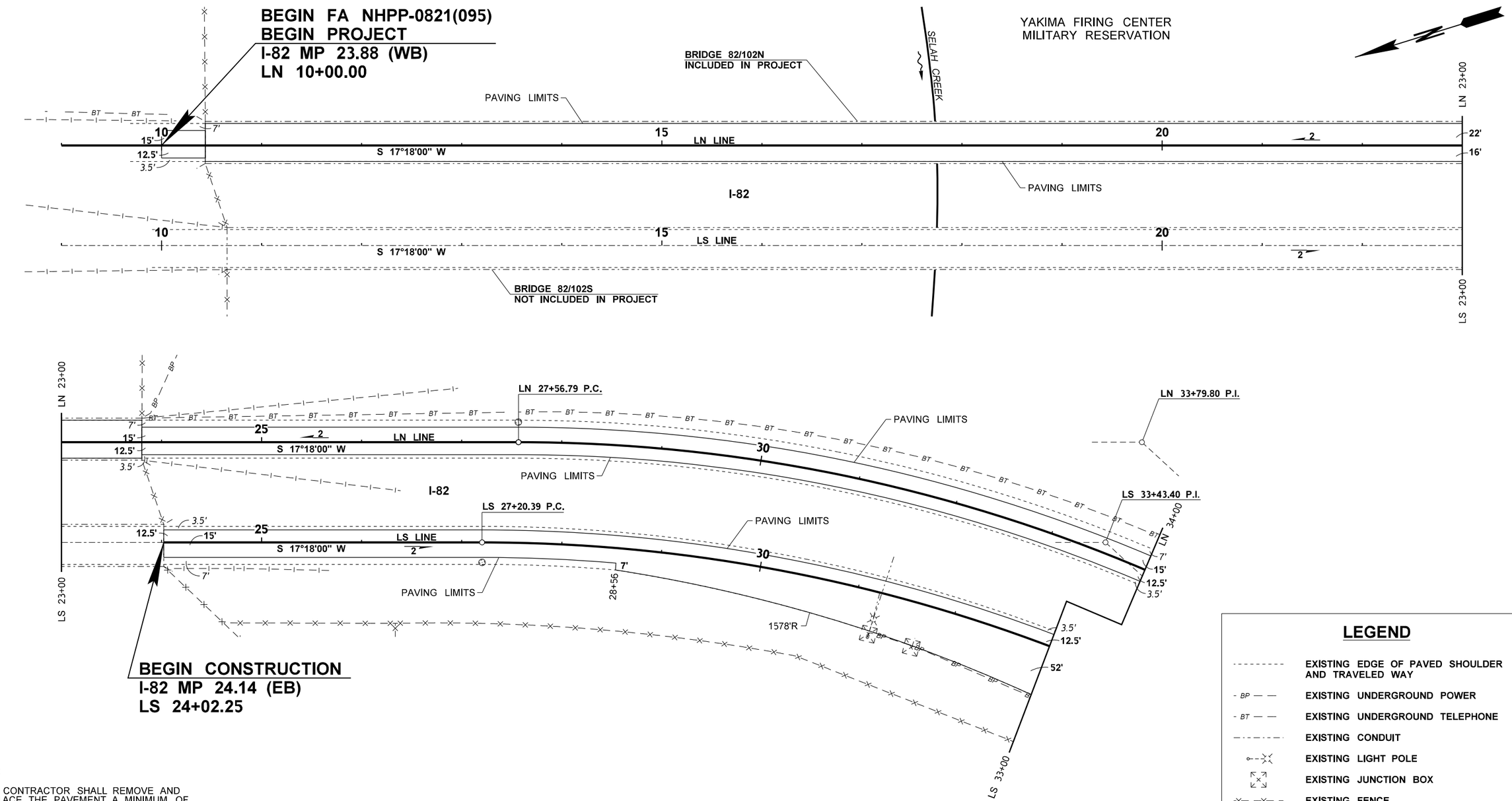
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVING DETAILS

Plot 1
PLAN REF NO PD1
SHEET 11 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 33+79.80	42°33'00" RT.	1600'	623.01'	1188.22'	0.01'/FT
LS 33+43.40	42°33'00" RT.	1600'	623.01'	1188.22'	0.01'/FT

T.14N. R.19E. W.M.



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING UNDERGROUND POWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING CONDUIT
- EXISTING LIGHT POLE
- EXISTING JUNCTION BOX
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:45:43 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

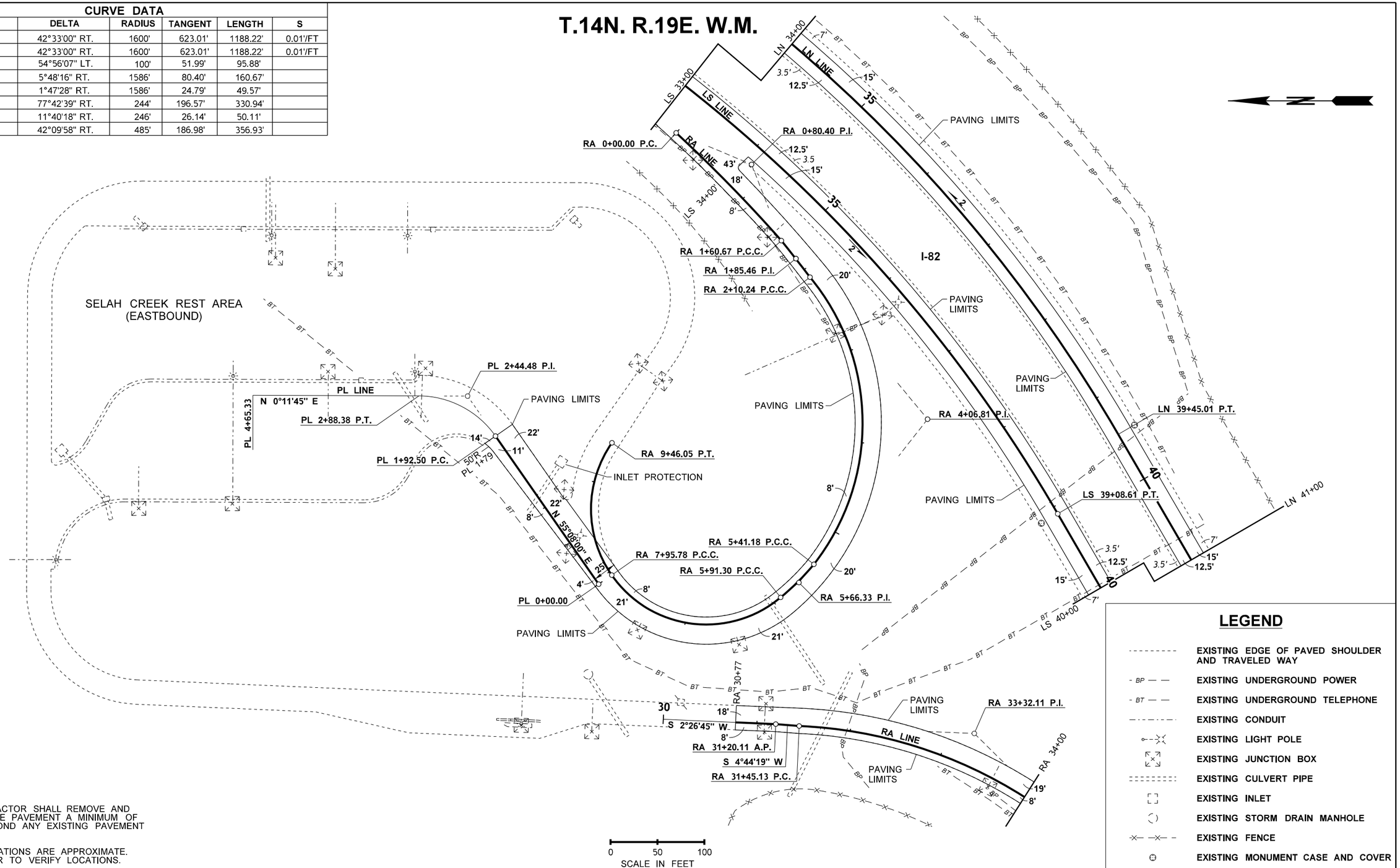
ALIGNMENT AND PAVING PLAN

Plot 1
PLAN REF NO AL1
SHEET 12 OF 91 SHEETS

T.14N. R.19E. W.M.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 33+79.80	42°33'00" RT.	1600'	623.01'	1188.22'	0.01'/FT
LS 33+43.40	42°33'00" RT.	1600'	623.01'	1188.22'	0.01'/FT
PL 2+44.48	54°56'07" LT.	100'	51.99'	95.88'	
RA 0+80.40	5°48'16" RT.	1586'	80.40'	160.67'	
RA 1+85.46	1°47'28" RT.	1586'	24.79'	49.57'	
RA 4+06.81	77°42'39" RT.	244'	196.57'	330.94'	
RA 5+66.33	11°40'18" RT.	246'	26.14'	50.11'	
RA 33+32.11	42°09'58" RT.	485'	186.98'	356.93'	



LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING UNDERGROUND POWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING CONDUIT
- EXISTING LIGHT POLE
- EXISTING JUNCTION BOX
- EXISTING CULVERT PIPE
- EXISTING INLET
- EXISTING STORM DRAIN MANHOLE
- EXISTING FENCE
- EXISTING MONUMENT CASE AND COVER

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

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TIME	1:45:49 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

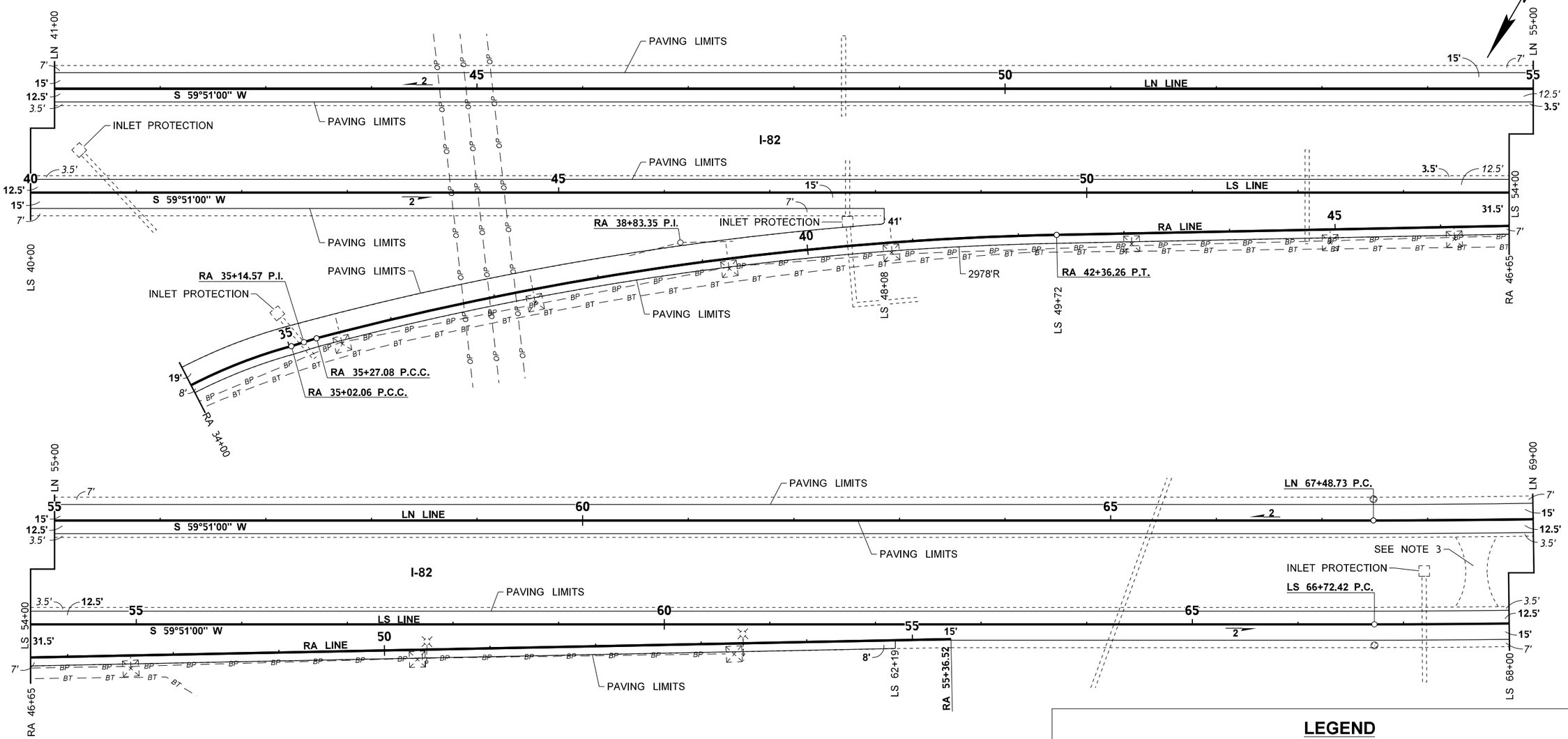
ALIGNMENT AND PAVING PLAN

Plot 2
PLAN REF NO AL2
SHEET 13 OF 91 SHEETS

T.14N. R.19E. W.M.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 72+72.81	6°00'00" LT.	10000'	524.08'	1047.20'	0.03'/FT
LS 72+01.74	6°00'00" LT.	10100'	529.32'	1057.67'	0.03'/FT
RA 35+14.57	0°28'49" RT.	2985'	12.51'	25.02'	
RA 38+83.35	13°36'29" RT.	2986'	356.27'	709.19'	



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. MEDIAN CROSSOVER SHALL BE CRACK SEALED AND FOG SEALED.

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- BP — —	EXISTING UNDERGROUND POWER
- OP — —	EXISTING ABOVE GROUND POWER
- BT — —	EXISTING UNDERGROUND TELEPHONE
—·—·—·—	EXISTING CONDUIT
	EXISTING LIGHT POLE
	EXISTING JUNCTION BOX
	EXISTING CULVERT PIPE
	EXISTING INLET
	EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:45:55 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19987 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

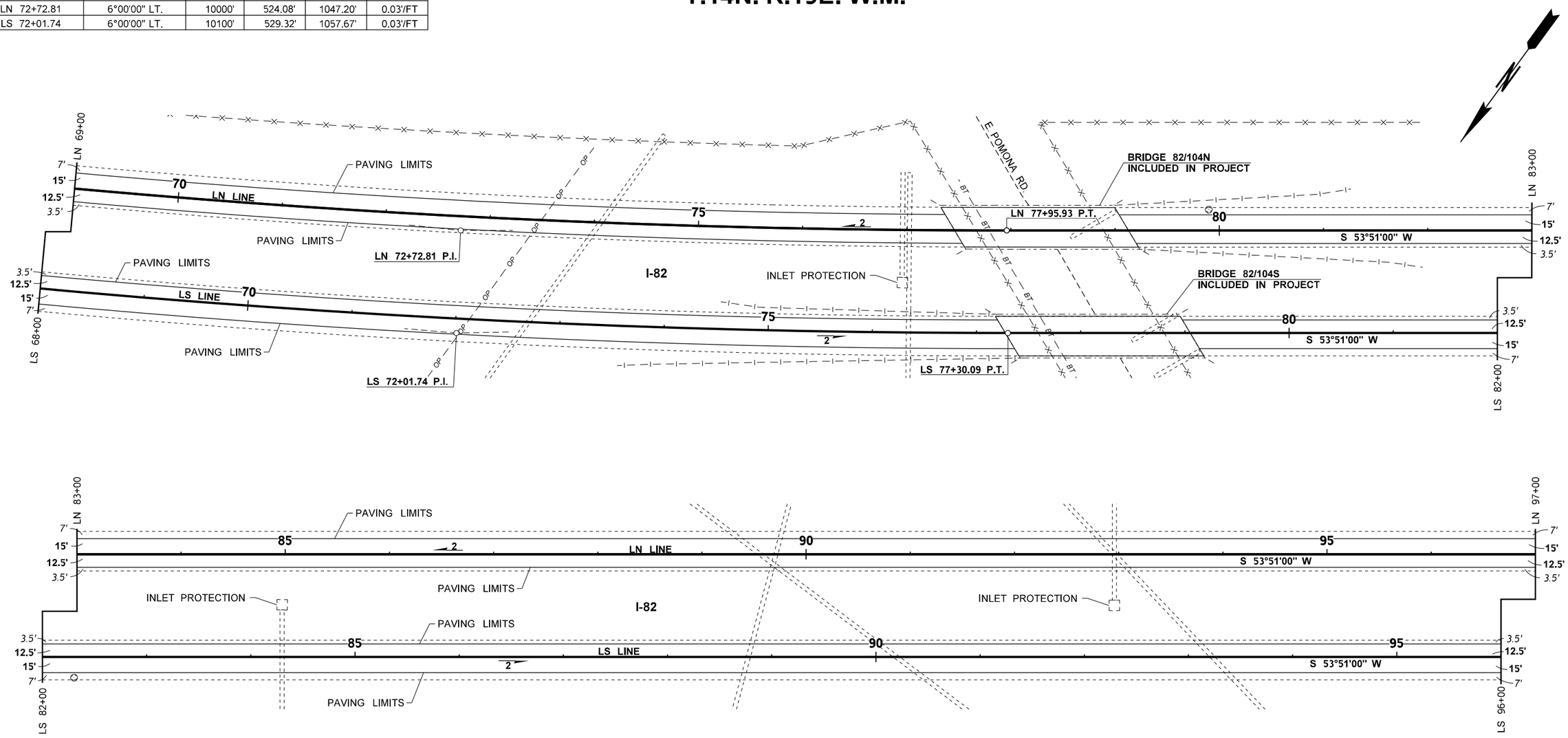
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 3
PLAN REF NO AL3
SHEET 14 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 72+72.81	6°00'00" LT.	10000'	524.08'	1047.20'	0.03'/FT
LS 72+01.74	6°00'00" LT.	10100'	529.32'	1057.67'	0.03'/FT

T.14N. R.19E. W.M.



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY		EXISTING INLET
- OP — —	EXISTING ABOVE GROUND POWER	-X— —X— -	EXISTING FENCE
- BT — —	EXISTING UNDERGROUND TELEPHONE	-I— —I— -	EXISTING GUARDRAIL
- - - - - - - -	EXISTING CULVERT PIPE		EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn			
TIME	1:46:00 PM			
DATE	4/11/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	A. KOLZOW			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD, STATE OF WASHINGTON, 39635, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

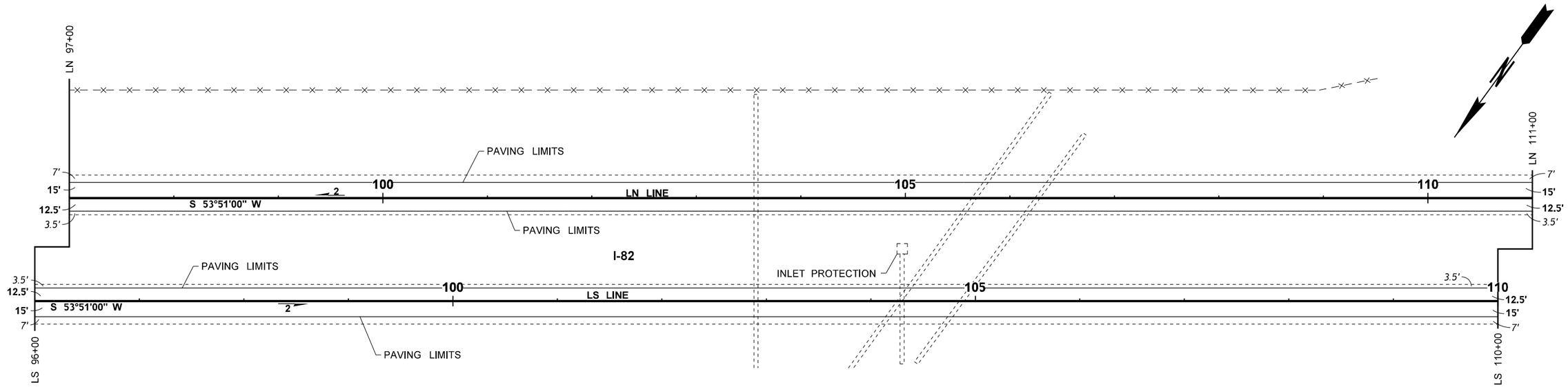
Washington State Department of Transportation

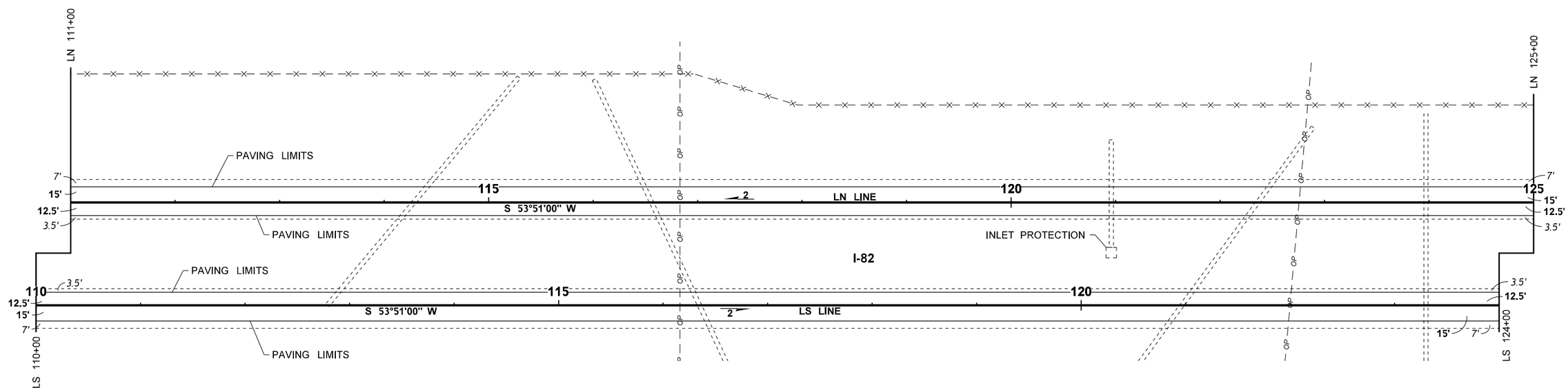
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 4
PLAN REF NO
AL4
SHEET 15 OF 91 SHEETS

T.14N. R.19E. W.M.





NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- OP — —	EXISTING ABOVE GROUND POWER
- - - - - - - - -	EXISTING CULVERT PIPE
[ ]	EXISTING INLET
-X— —X— -	EXISTING FENCE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn			
TIME	1:46:06 PM			
DATE	4/11/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	A. KOLZOW			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

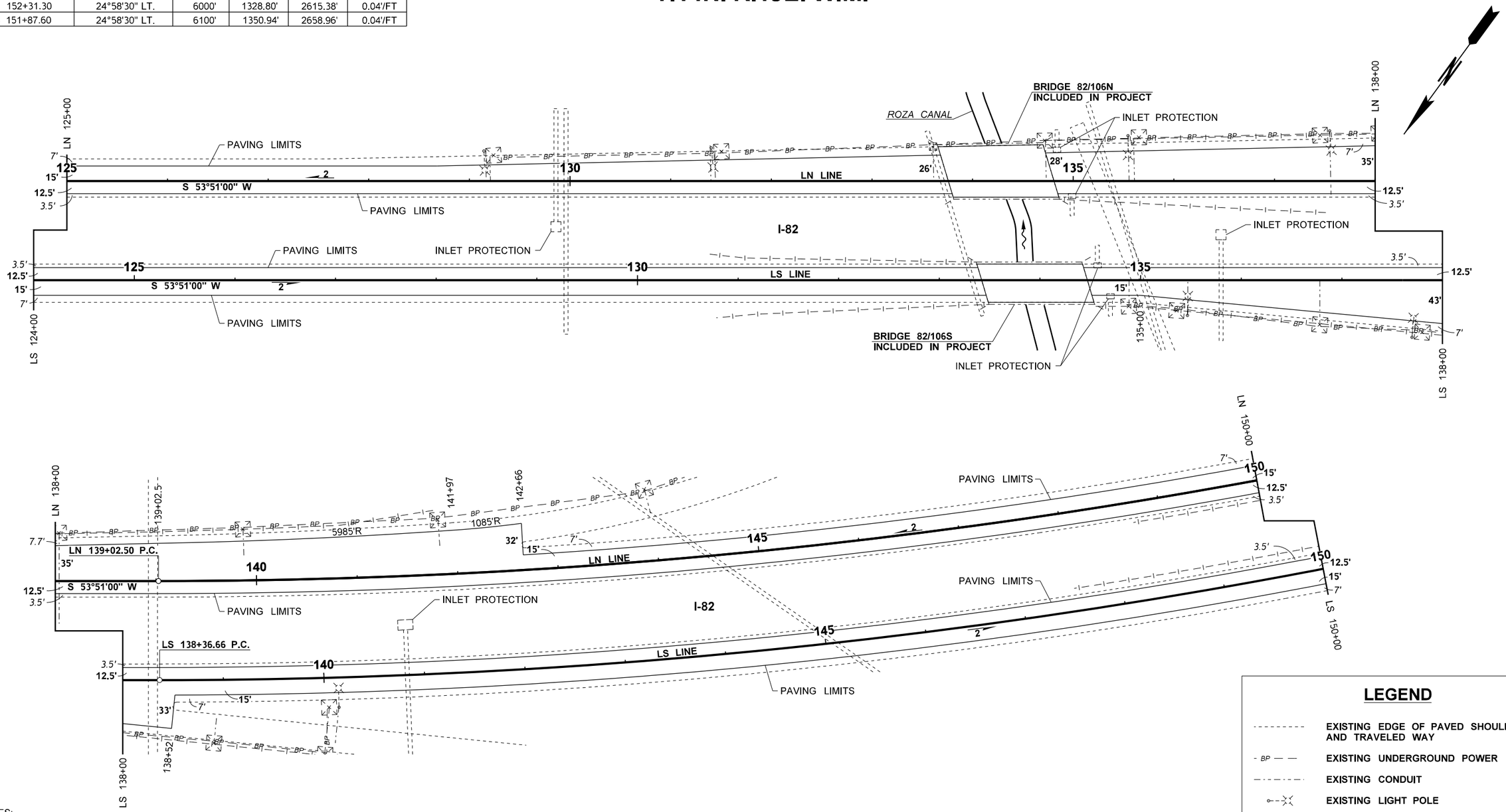
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 5
PLAN REF NO AL5
SHEET 16 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 152+31.30	24°58'30" LT.	6000'	1328.80'	2615.38'	0.04'/FT
LS 151+87.60	24°58'30" LT.	6100'	1350.94'	2658.96'	0.04'/FT

T.14N. R.19E. W.M.



LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING UNDERGROUND POWER
- EXISTING CONDUIT
- EXISTING LIGHT POLE
- EXISTING JUNCTION BOX
- EXISTING CULVERT PIPE
- EXISTING INLET
- EXISTING GUARDRAIL

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:14 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

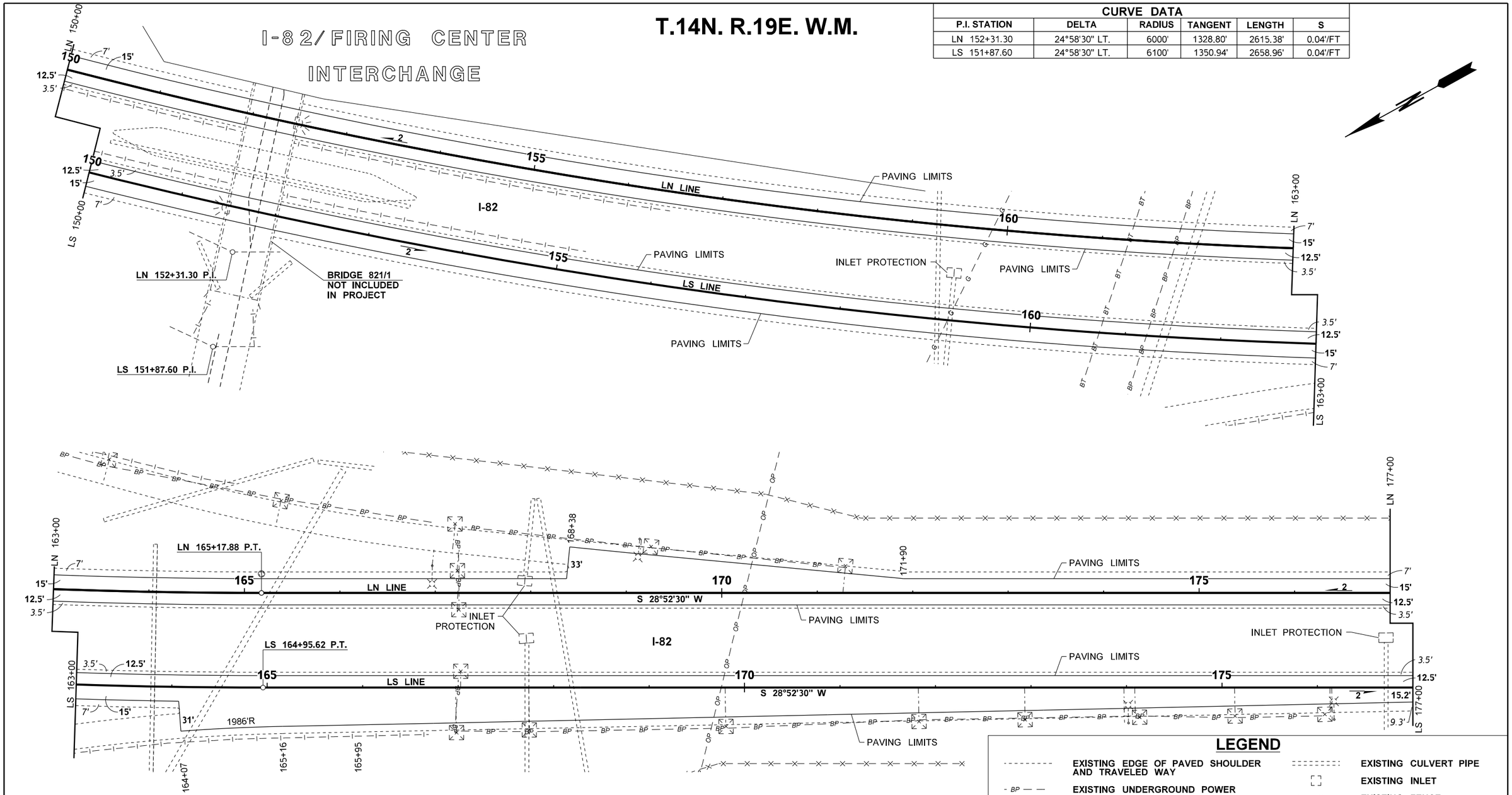
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 6
PLAN REF NO AL6
SHEET 17 OF 91 SHEETS

T.14N. R.19E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 152+31.30	24°58'30" LT.	6000'	1328.80'	2615.38'	0.04'/FT
LS 151+87.60	24°58'30" LT.	6100'	1350.94'	2658.96'	0.04'/FT



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- BP — —	EXISTING UNDERGROUND POWER
- OP — —	EXISTING ABOVE GROUND POWER
- BT — —	EXISTING UNDERGROUND TELEPHONE
	EXISTING CONDUIT
	EXISTING LIGHT POLE
	EXISTING JUNCTION BOX
	EXISTING CULVERT PIPE
	EXISTING INLET
	EXISTING FENCE
	EXISTING GUARDRAIL
- G — —	EXISTING UNDERGROUND GAS LINE
	EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:21 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

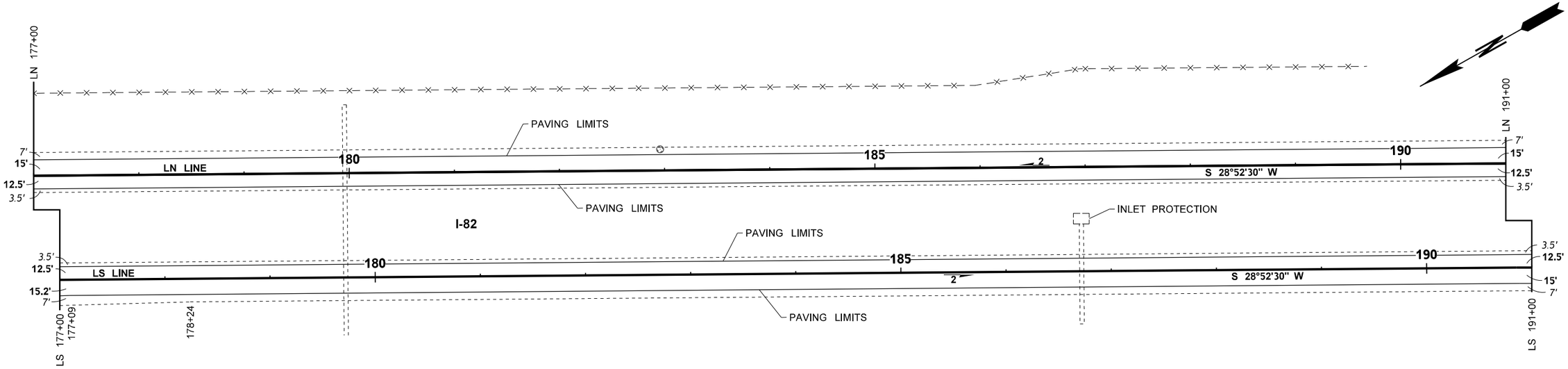
Washington State Department of Transportation

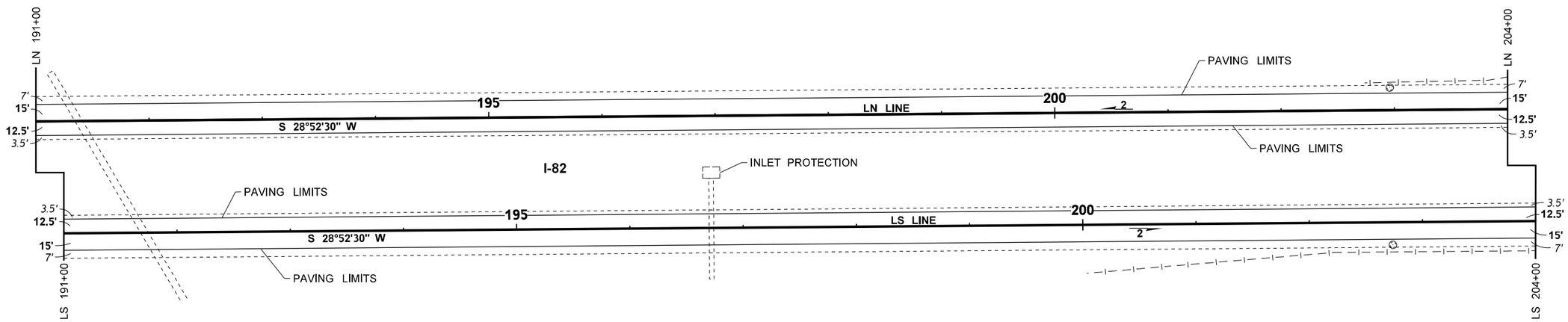
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 7
PLAN REF NO AL7
SHEET 18 OF 91 SHEETS

T.14N. R.19E. W.M.





LEGEND

- - - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- - - - - - - - -	EXISTING CULVERT PIPE
[ ]	EXISTING INLET
-X- -X- -	EXISTING FENCE
-I- -I- -	EXISTING GUARDRAIL
⊙	EXISTING MONUMENT CASE AND COVER

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
TIME	1:46:26 PM				JOB NUMBER 22Y008		
DATE	4/11/2022				CONTRACT NO.		LOCATION NO.
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	A. KOLZOW						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD — STATE OF WASHINGTON — 19843 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

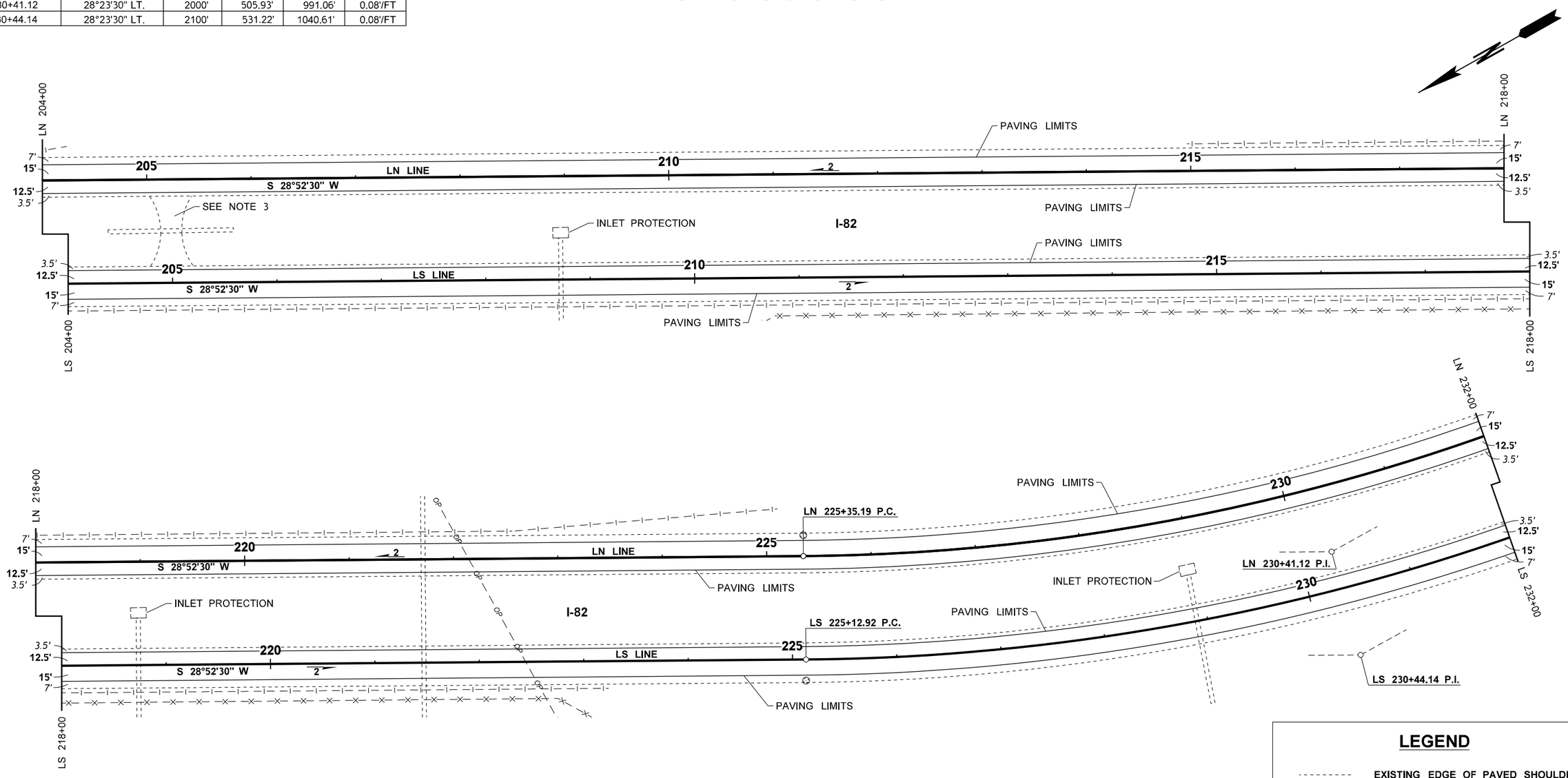
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 8
PLAN REF NO AL8
SHEET 19 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 230+41.12	28°23'30" LT.	2000'	505.93'	991.06'	0.08'/FT
LS 230+44.14	28°23'30" LT.	2100'	531.22'	1040.61'	0.08'/FT

T.14N. R.19E. W.M.



LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- OP — —	EXISTING ABOVE GROUND POWER
- - - - - - - - -	EXISTING CULVERT PIPE
[ ]	EXISTING INLET
-X— —X— -	EXISTING FENCE
-I— —I— -	EXISTING GUARDRAIL
⊙	EXISTING MONUMENT CASE AND COVER

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. MEDIAN CROSSOVER SHALL BE CRACK SEALED AND FOG SEALED.

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:32 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

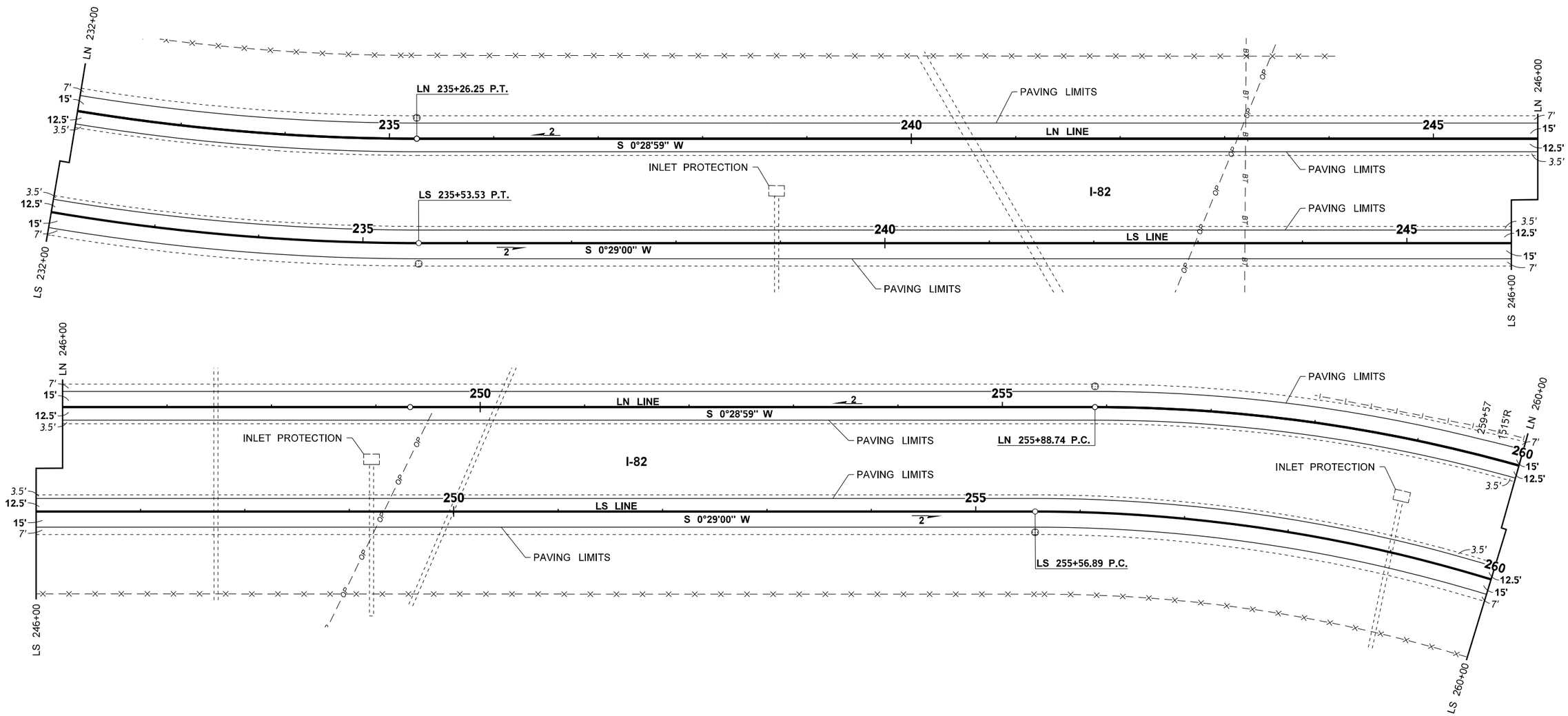
Plot 9

PLAN REF NO AL9

SHEET 20 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 230+41.12	28°23'30" LT.	2000'	505.93'	991.06'	0.08'/FT
LS 230+44.14	28°23'30" LT.	2100'	531.22'	1040.61'	0.08'/FT
LN 264+47.51	59°35'00" RT.	1500'	858.77'	1559.89'	0.10'/FT
LS 264+15.66	59°35'00" RT.	1500'	858.77'	1559.89'	0.10'/FT

T.14N. R.19E. W.M.



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- OP — —	EXISTING ABOVE GROUND POWER
- BT — —	EXISTING UNDERGROUND TELEPHONE
= = = = = = = =	EXISTING CULVERT PIPE
[ ]	EXISTING INLET
-X— —X— -	EXISTING FENCE
-I— —I— -	EXISTING GUARDRAIL
⊙	EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:37 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

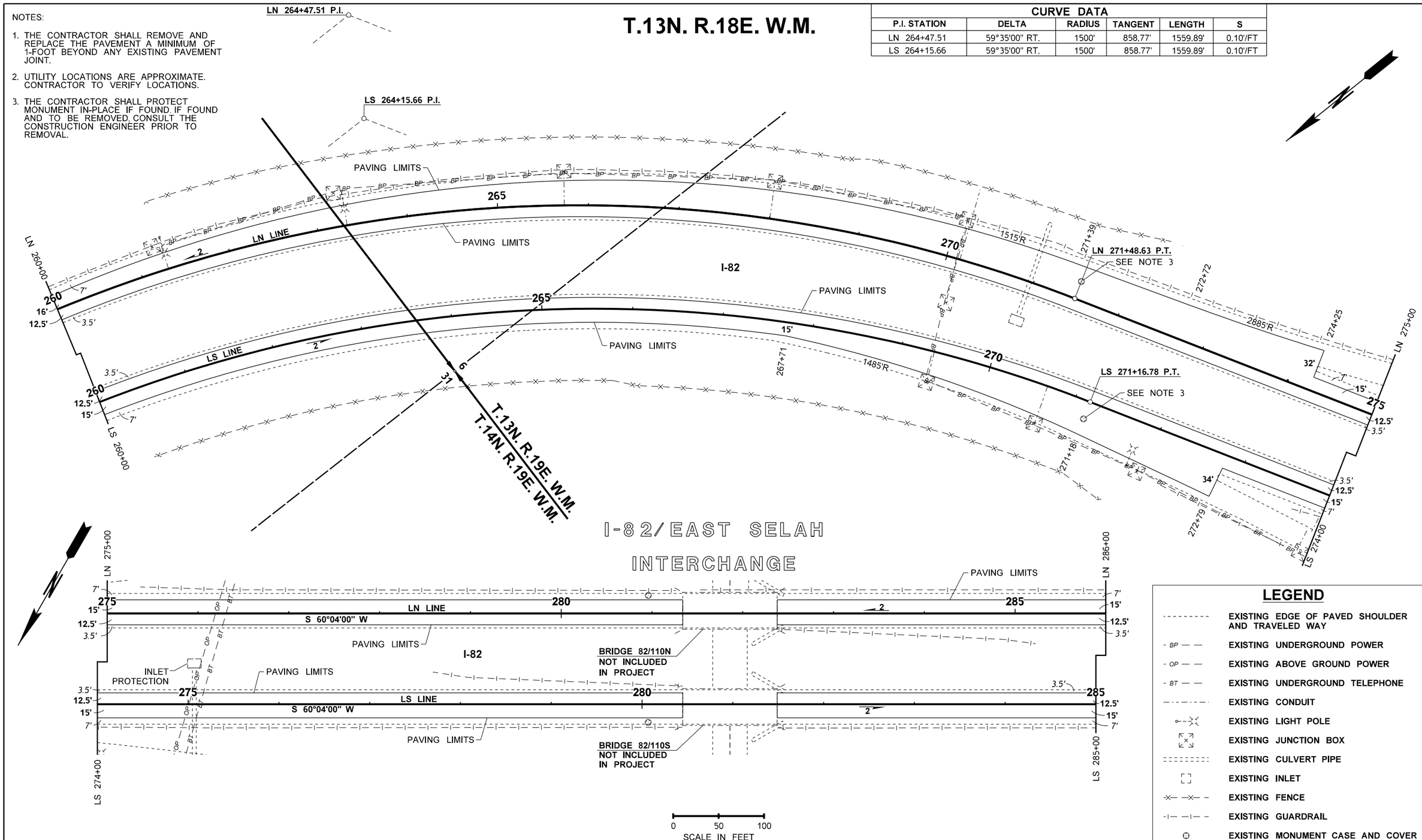
Plot 10
PLAN REF NO AL10
SHEET 21 OF 91 SHEETS

NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. THE CONTRACTOR SHALL PROTECT MONUMENT IN-PLACE IF FOUND. IF FOUND AND TO BE REMOVED, CONSULT THE CONSTRUCTION ENGINEER PRIOR TO REMOVAL.

T.13N. R.18E. W.M.

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 264+47.51	59°35'00" RT.	1500'	858.77'	1559.89'	0.10'/FT
LS 264+15.66	59°35'00" RT.	1500'	858.77'	1559.89'	0.10'/FT



LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING UNDERGROUND POWER
- EXISTING ABOVE GROUND POWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING CONDUIT
- EXISTING LIGHT POLE
- EXISTING JUNCTION BOX
- EXISTING CULVERT PIPE
- EXISTING INLET
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn				
TIME	1:46:44 PM				
DATE	4/11/2022				
PLOTTED BY	kolzowa				
DESIGNED BY	T. RUTSCHILLING				
ENTERED BY	A. KOLZOW				
CHECKED BY	J. TRUDEAU				
PROJ. ENGR.	A. BYRD				
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY	

REGION NO. 10 | STATE WASH | JOB NUMBER 22Y008 | CONTRACT NO.

FED.AID PROJ.NO. NHPP-0821(095) | LOCATION NO.

SEE SHEET CT1 DATE — P.E. STAMP BOX

DATE — P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

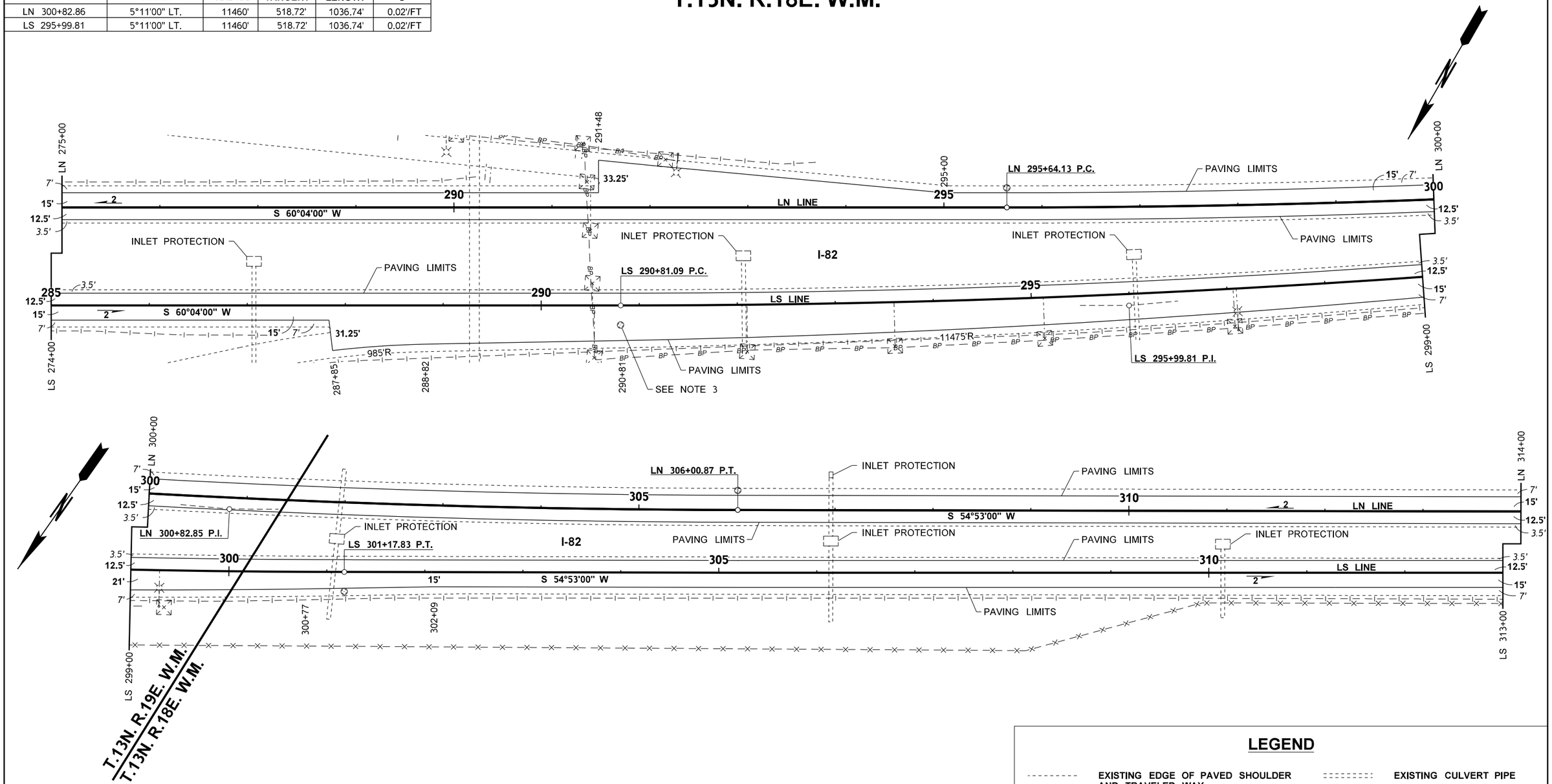
ALIGNMENT AND PAVING PLAN

Plot 11
PLAN REF NO AL11
SHEET 22 OF 91 SHEETS

T.13N. R.18E. W.M.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 300+82.86	5°11'00" LT.	11460'	518.72'	1036.74'	0.02'/FT
LS 295+99.81	5°11'00" LT.	11460'	518.72'	1036.74'	0.02'/FT



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. THE CONTRACTOR SHALL PROTECT MONUMENT IN-PLACE IF FOUND. IF FOUND AND TO BE REMOVED, CONSULT THE CONSTRUCTION ENGINEER PRIOR TO REMOVAL.

0 50 100
SCALE IN FEET

LEGEND

EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY	EXISTING CULVERT PIPE
EXISTING UNDERGROUND POWER	EXISTING INLET
EXISTING ABOVE GROUND POWER	EXISTING FENCE
EXISTING LIGHT POLE	EXISTING GUARDRAIL
EXISTING JUNCTION BOX	EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:50 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

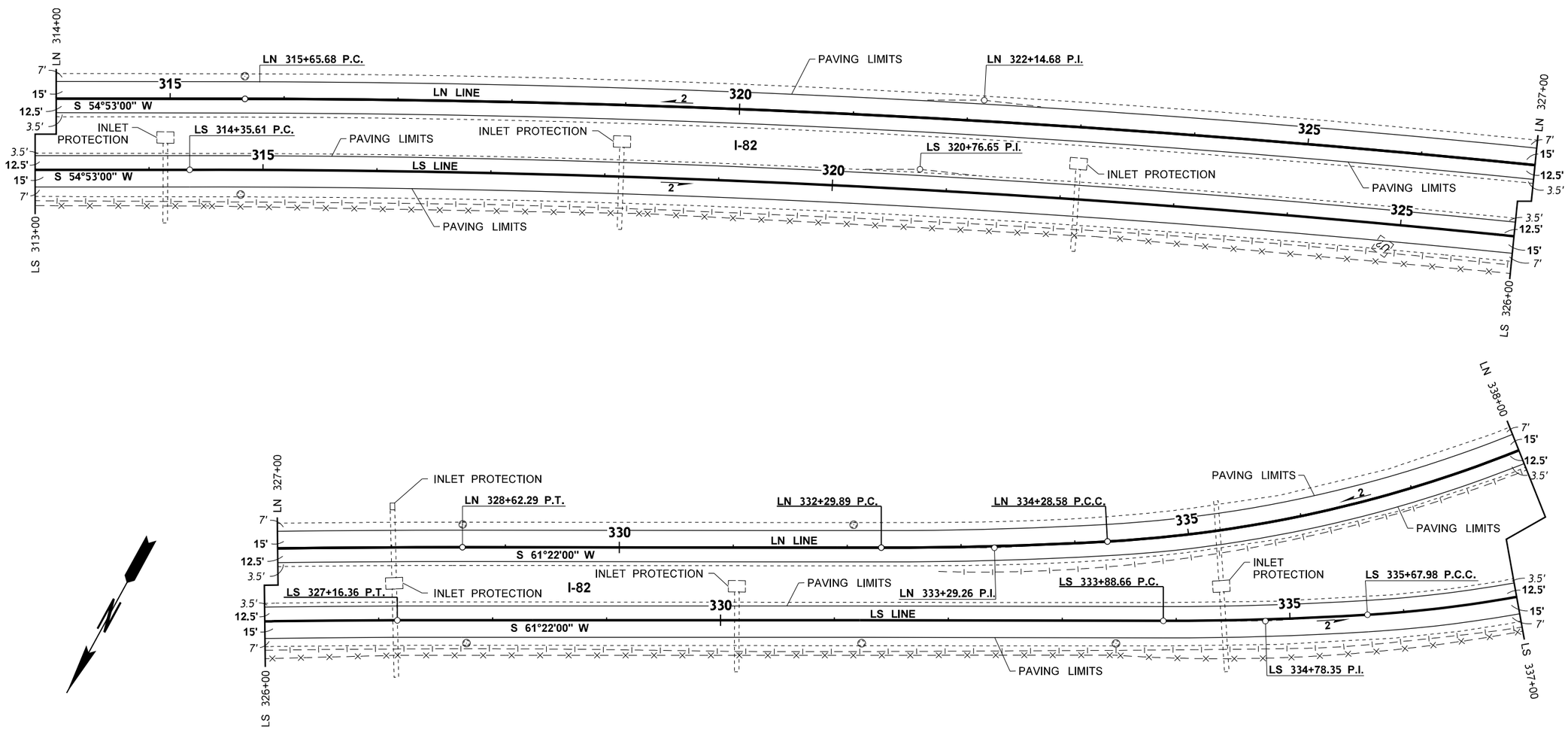
ALIGNMENT AND PAVING PLAN

Plot 12
PLAN REF NO AL12
SHEET 23 OF 91 SHEETS

T.13N. R.18E. W.M.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 322+14.68	6°28'57" RT.	11460'	649.00'	1296.61'	0.02'/FT
LN 333+29.26	3°15'09" LT.	3500'	99.37'	198.69'	0.10'/FT
LN 339+63.60	50°05'26" LT.	1145'	535.02'	1001.01'	0.02'/FT
LS 320+76.65	6°24'11" RT.	11460'	641.04'	1280.75'	0.02'/FT
LS 334+78.35	3°37'10" LT.	2839'	89.69'	179.32'	0.10'/FT
LS 349+33.68	100°01'22" LT.	1145'	1365.70'	1999.72'	0.02'/FT



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

0 50 100
SCALE IN FEET

LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING CULVERT PIPE
- EXISTING INLET
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:46:58 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

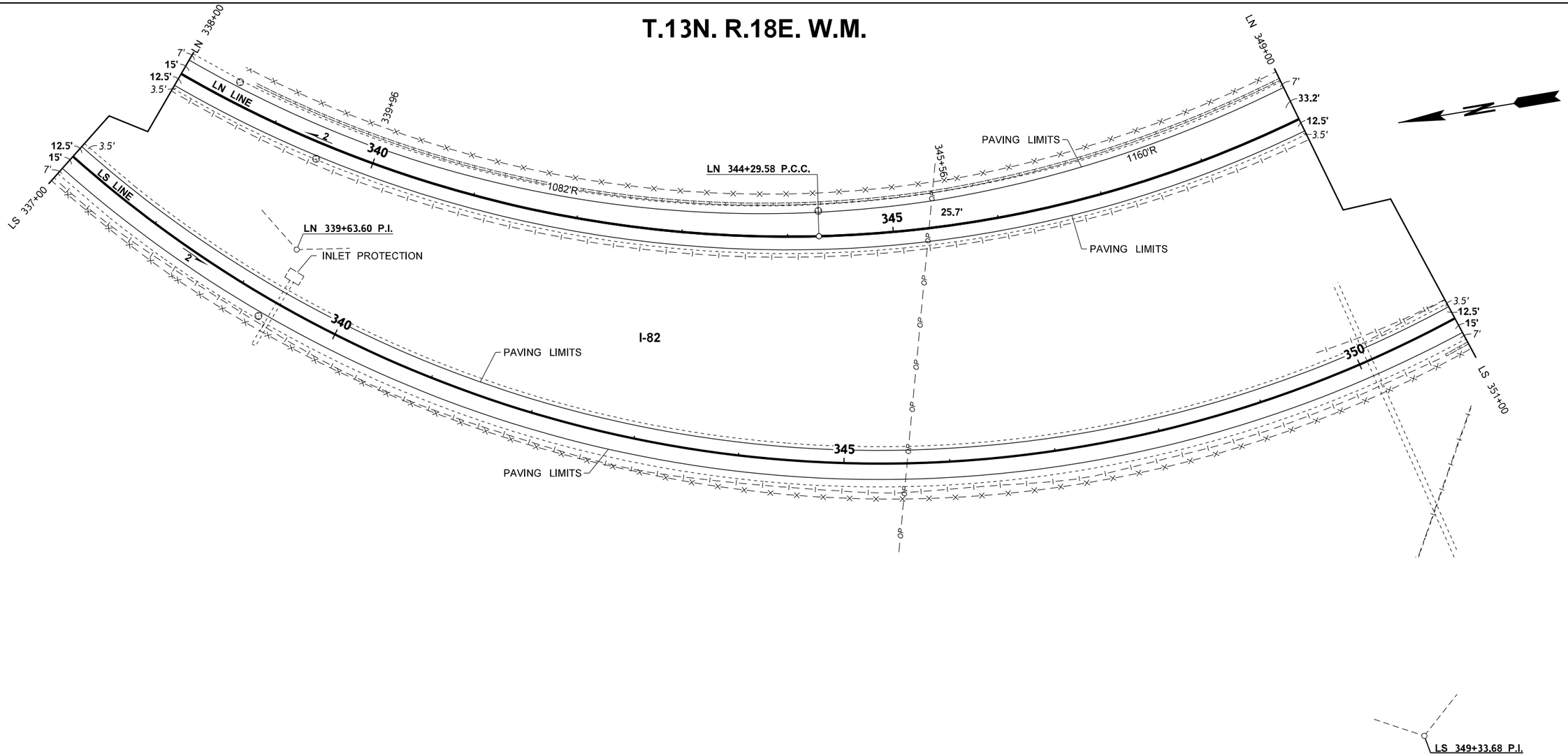
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 13
PLAN REF NO AL13
SHEET 24 OF 91 SHEETS

T.13N. R.18E. W.M.



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 339+63.60	50°05'26" LT.	1145'	535.02'	1001.01'	0.02'/FT
LN 349+11.12	47°17'01" LT.	3100'	481.54'	907.78'	0.10'/FT
LS 349+33.68	100°01'22" LT.	1145'	1365.70'	1999.72'	0.02'/FT

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY	-X— —X— –	EXISTING FENCE
- OP — —	EXISTING ABOVE GROUND POWER	-I— —I— –	EXISTING GUARDRAIL
- - - - - - - -	EXISTING CULVERT PIPE		EXISTING BARRIER
	EXISTING INLET		EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:47:03 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

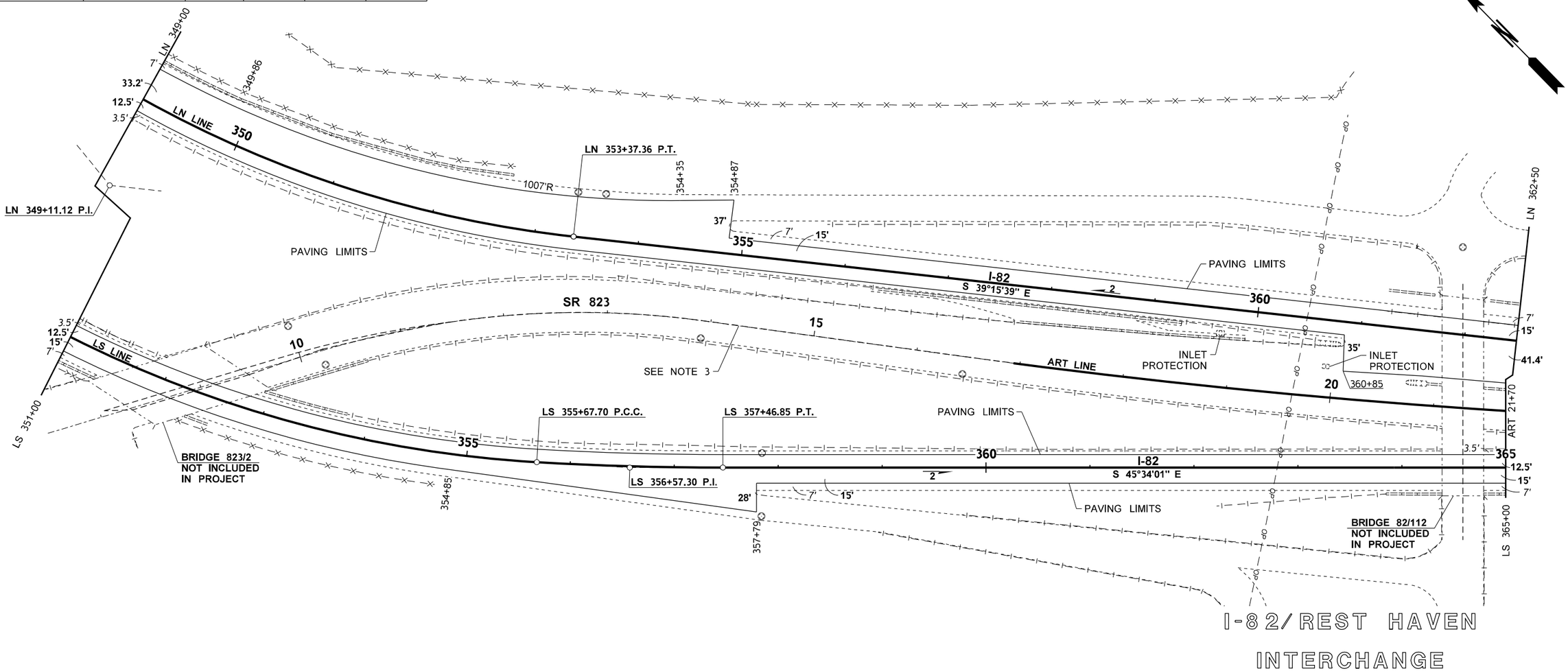
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 14
PLAN REF NO AL14
SHEET 25 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 349+11.12	47°17'01" LT.	3100'	481.54'	907.78'	0.10'/FT
LS 349+33.68	100°01'22" LT.	1145'	1365.70'	1999.72'	0.10'/FT
LS 356+57.30	3°20'05" LT.	3078'	89.60'	179.15'	0.10'/FT

T.13N. R.18E. W.M.



NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. ALIGNMENT INFORMATION FOR ART LINE HAS BEEN INTENTIONALLY OMITTED ON THIS SHEET. SEE SHEETS A1 - A3 FOR CURVE AND ALIGNMENT DATA.

0 50 100
SCALE IN FEET

LEGEND

- - - - - - - -	EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY		EXISTING BARRIER
- OP — —	EXISTING ABOVE GROUND POWER		EXISTING IMPACT ATTENUATOR
-X— —X— -	EXISTING FENCE		EXISTING DROP INLET
-|— —|— -	EXISTING GUARDRAIL		EXISTING GRATE INLET
			EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn					
TIME	1:47:10 PM					
DATE	4/11/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

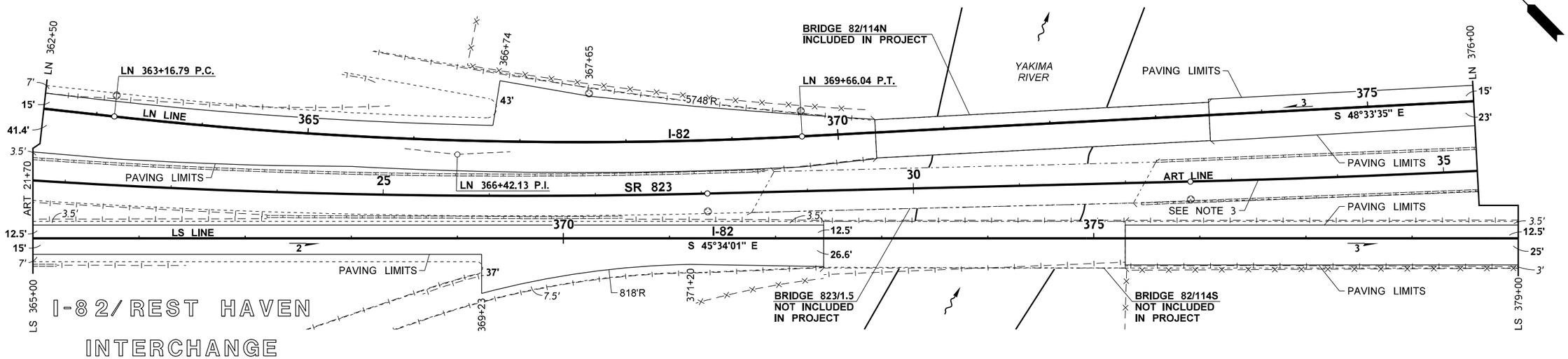
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

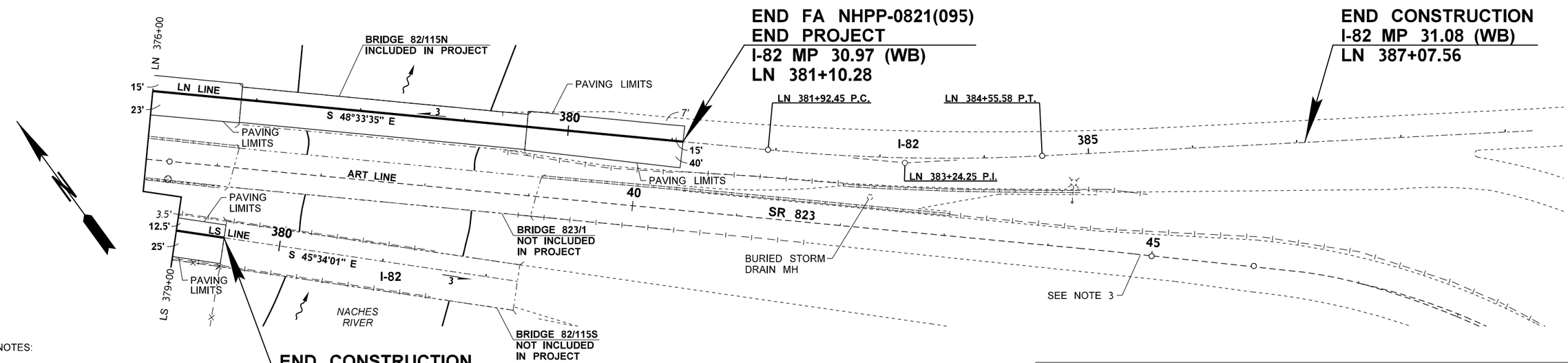
ALIGNMENT AND PAVING PLAN

Plot 15
PLAN REF NO
AL15
SHEET 26 OF 91 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
LN 366+42.13	9°17'59" LT.	4000'	325.34'	649.24'	0.05'/FT
LN 383+24.25	8°23'02" LT.	1798'	131.80'	263.13'	0.05'/FT

T.13N. R.18E. W.M.





NOTES:

1. THE CONTRACTOR SHALL REMOVE AND REPLACE THE PAVEMENT A MINIMUM OF 1-FOOT BEYOND ANY EXISTING PAVEMENT JOINT.
2. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATIONS.
3. ALIGNMENT INFORMATION FOR ART LINE HAS BEEN INTENTIONALLY OMITTED ON THIS SHEET. SEE SHEETS A1 - A3 FOR CURVE AND ALIGNMENT DATA.

0 50 100
SCALE IN FEET

LEGEND

- EXISTING EDGE OF PAVED SHOULDER AND TRAVELED WAY
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING BARRIER
- EXISTING MONUMENT CASE AND COVER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\080-Align\XL6285_PS_AL.dgn
TIME	1:47:17 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

ALIGNMENT AND PAVING PLAN

Plot 16
PLAN REF NO AL16
SHEET 27 OF 91 SHEETS

QUANTITY TABULATION - PAVEMENT MARKINGS

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ↘ \ UNIT OF MEASURE ➢	PAINT LINE	GROOVED PLASTIC LINE	GROOVED PLASTIC WIDE LINE	GROOVED PLASTIC LANE LINE-DOTTED	GROOVED PLASTIC WIDE LINE-DOTTED		TUBUALR MARKER	PLASTIC TRAFFIC ARROW	PLASTIC AERIAL SURVEILLANCE FULL MARKER	PLASTIC AERIAL SURVEILLANCE 1/2 MARKER		TEMPORARY PAVEMENT MARKINGS SHORT DURATION		PAINTEDCROSSHATCH MARKING		SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.		EACH	EACH	EACH	EACH		L.F.		L.F.		
	LN 10+00 TO LN 387+08	75,416	37,708							4	4						1,3
	LN 10+00 TO LN 387+08												148,900				
	LS 24+02 TO LS 379+46	71,088	35,544							4	4						1,3
	RA 0+71 TO RA 8+40	1,538															
	PL 0+80 TO PL 1+92	112															
	RA 30+77 TO RA 40+74	1,994															
MK2-1	LS 28+56 TO LS 30+39 (12' RT)				183												
MK2-2	LS 30+39 TO LS 33+99			360													2
MK2-3	LS 30+39 TO LS 33+99 (12' RT)			360													2
MK2-4	PL 01+21 (6.54'RT)								1								4
MK3-1	LS 53+73 TO LS 56+73 (12' RT)				300												
MK3-2	LS 48+09 TO LS 53+73 (12' RT)			564													2
MK3-3	LS 48+09 TO LS 53+73			564													2
MK4-1	LN 133+75 TO LN 136+75 (12' RT)				300												
MK4-2	LS 134+73 TO LS 136+34 (12' RT)				161												
MK5-1	LN 136+75 TO LN 142+66 (12' RT)			591													2
MK5-2	LN 136+34 TO LN 142+66			632													2
MK5-3	LS 136+34 TO LS 138+37 (12' RT)			203													2
MK5-4	LS 136+34 TO LS 138+51			217													2
MK7-1	LN 170+56 TO LN 172+17 (12' RT)				161												
MK7-2	LN 168+39 TO LN 170+56 (12' RT)			217													2
MK7-3	LN 268+39 TO LN 170+56			217													2
MK7-4	LS 164+09 TO LS 169+04 (12' RT)			495													2
MK7-5	LS 164+09 TO LS 169+04			495													2
MK7-6	LS 169+04 TO LS 172+04 (12' RT)				300												
MK8-1	LN 265+76 TO LN 268+74 (12' RT)				298												
MK8-2	LN 268+74 TO LN 274+26 (12' RT)			552													2
MK8-3	LN 268+74 TO LN 274+26			552													2
MK8-4	LS 267+34 TO LS 268+43 (12' RT)			109													2
MK8-5	LS 268+43 TO LS 272+76			433													2
MK8-6	LS 268+43 TO LS 272+76 (12' RT)			433													2
MK9-1	LS 287+58 TO LS 292+58			500													2
MK9-2	LS 287+58 TO LS 292+58 (12' RT)			500													2
	SHEET TOTAL	150148	73252	7994	1703				1	8	8		148900				

GENERAL NOTES:

1. ALL GROVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL

2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.

3. ALL AERIAL SURVEILLANCE MARKING TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.

4. SEE STANDARD PLAN M-24.40 "TRAFFIC ARROWS FOR LOW- SPEED ROADWAY" TYPE 1S.

DESIGNED BY	W. MWANGI	03/07/22	
ENTERED BY	W. MWANGI	03/07/22	
CHECKED BY	J.TRUDEAU	03/07/22	
PROJ. ENGR.	A.BYRD	03/07/22	
REGION ADM.	T.TREPANIER	03/07/22	
		DATE	DATE

REVISION | BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO.

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

QUANTITY TABULATION - PAVEMENT MARKINGS

QT 1

SHEET 28 OF 91 SHEETS

QUANTITY TABULATION - PAVEMENT MARKINGS

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ↘ \ UNIT OF MEASURE ➢	PAINT LINE	GROOVED PLASTIC LINE	GROOVED PLASTIC WIDE LINE	GROOVED PLASTIC LANE LINE-DOTTED	GROOVED PLASTIC WIDE LINE-DOTTED		TUBUALR MARKER	PLASTIC TRAFFIC ARROW	PLASTIC AERIAL SURVEILLANCE FULL MARKER	PLASTIC AERIAL SURVEILLANCE 1/2 MARKER		TEMPORARY PAVEMENT MARKINGS SHORT DURATION		PAINTEDCROSSHATCH MARKING		SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.		EACH	EACH	EACH	EACH		L.F.		L.F.		
MK10-1	LN 291+48 TO LN 293+65			217													2
MK10-2	LN 291+48 TO LN 293+65 (12' RT)			217													2
MK10-3	LN 293+65 TO LN 295+26 (12' RT)				161												
MK10-4	LS 292+58 TO LS 295+58 (12' RT)				300												
	LN 339+96 TO LN 348+24	800															
MK12-1	LN 348+24 TO LN 351+27 (12' RT)				303												
MK12-2	LN 351+27 TO LN 354+87			360													2
MK12-3	LN 351+27 TO LN 354+87 (12' RT)			360													2
MK12-4	LS 354+89 TO LS 356+65 (12' RT)				176												
MK12-5	LS 356+65 TO LS 357+79 (12' RT)			114													2
MK12-6	LS 356+65 TO LS 357+79			114													2
	ART 16+95 TO ART 58+23	8,256															
	ART 16+95 TO ART 54+45	3,750															
	ART 46+80 TO ART 58+23	2,286															
MK13-1	LN 366+33 TO LN 385+35					1,902											
MK13-2	LS 370+75 TO LS 373+75 (12' RT)				300												
MK13-3	LN 360+86 TO LN 366+33			547													2
MK13-4	LN 360+86 TO LN 366+33			547													2
MK13-5	LN 366+79 TO LN 369+03			224													2
MK13-6	LN 366+79 TO LN 369+03			224													2
MK13-7	LN 369+03 TO LN 370+17 (12' RT)				114												
MK13-8	LS 369+23 TO LS 370+75			152													2
MK13-9	LS 369+23 TO LS 370+75			152													2
MK13-10	LN 357+73 TO LN 360+86			313													2
MK13-11	LN 357+73 TO LN 360+86			313													2
MK13-12	LN 367+24.81 (57' RT)								1								4
MK13-13	LN 367+04.91 (45' RT)								1								4
MK13-14	LN 358+23.16 (50' RT)								1								4
MK14-1	LN 384+06.53 (85' RT)								1								4
MK14-2	LN 384+15.29 (74' RT)								1								4
MK15-1	LN 385+35 TO LN 387+08			170													2
MK15-2	LN 385+35 TO LN 387+08 (12' RT)			170													
	ART 52+17 TO ART 58+23	606															1
	ART 52+17 TO ART 53+17	100															1
MK16-1	ART 52+17 TO ART 53+98			181													2
	SHEET TOTAL	15798		4375	1354	1902			5								

GENERAL NOTES:

1. ALL GROVED PLASTIC LINE SHALL BE TYPE C- 1 MATERIAL

2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.

3. ALL AERIAL SURVEILLANCE MARKING TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.

4. SEE STANDARD PLAN M-24.40 "TRAFFIC ARROWS FOR LOW- SPEED ROADWAY" TYPE 1S.

DESIGNED BY	W. MWANGI	03/07/22	
ENTERED BY	W. MWANGI	03/07/22	
CHECKED BY	J.TRUDEAU	03/07/22	
PROJ. ENGR.	A.BYRD	03/07/22	
REGION ADM.	T.TREPANIER	03/07/22	
		DATE	**DATE**

REVISION **BY**

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO.

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

QUANTITY TABULATION - PAVEMENT MARKINGS

QT 2

QUANTITY TABULATION - PAVEMENT MARKINGS

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ↓ \ UNIT OF MEASURE →	PAINT LINE	GROOVED PLASTIC LINE	GROOVED PLASTIC WIDE LINE	GROOVED PLASTIC LANE LINE-DOTTED	GROOVED PLASTIC WIDE LINE-DOTTED		TUBUALR MARKER	PLASTIC TRAFFIC ARROW	PLASTIC AERIAL SURVEILLANCE FULL MARKER	PLASTIC AERIAL SURVEILLANCE 1/2 MARKER		TEMPORARY PAVEMENT MARKINGS SHORT DURATION		PAINTEDCROSSHATCH MARKING		SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.		EACH	EACH	EACH	EACH		L.F.		L.F.		
MK16-2	ART 52+03 TO ART 53+98			195													2
MK16-3	ART 57+22 TO ART 58+23			101													2
MK16-4	ART 57+22 TO ART 58+23			101													2
MK16-5	ART 56+25 TO ART 58+23														90		
MK16-6	ART 51+89 TO ART 58+23			634													2
MK16-7	ART 53+15 TO ART 58+23			508													2
MK16-8	ART 53+15 (8.33' RT)								1								4
MK16-9	ART 53+23 (8.81' RT)								1								4
MK16-10	ART 53+46 TO ART 56+60							33									
	ART 51+89 TO ART 58+23												16,783				
	SHEET TOTAL			1539				33	2				16783		90		
	PROJECT TOTAL	165946	73252	13908	3057	1902		33	8	8	8		165683		90		

GENERAL NOTES:

1. ALL GROVED PLASTIC LINE SHALL BE TYPE C- 1 MATERIAL

2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.

3. ALL AERIAL SURVEILLANCE MARKING TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.

4. SEE STANDARD PLAN M-24.40 "TRAFFIC ARROWS FOR LOW- SPEED ROADWAY" TYPE 1S.

DESIGNED BY	W. MWANGI	03/07/22			
ENTERED BY	W. MWANGI	03/07/22			
CHECKED BY	J.TRUDEAU	03/07/22			
PROJ. ENGR.	A.BYRD	03/07/22			
REGION ADM.	T.TREPANIER	03/07/22			
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NHPP-0821(095)
JOB NUMBER		
22Y008		
CONTRACT NO.		

Washington State Department of Transportation

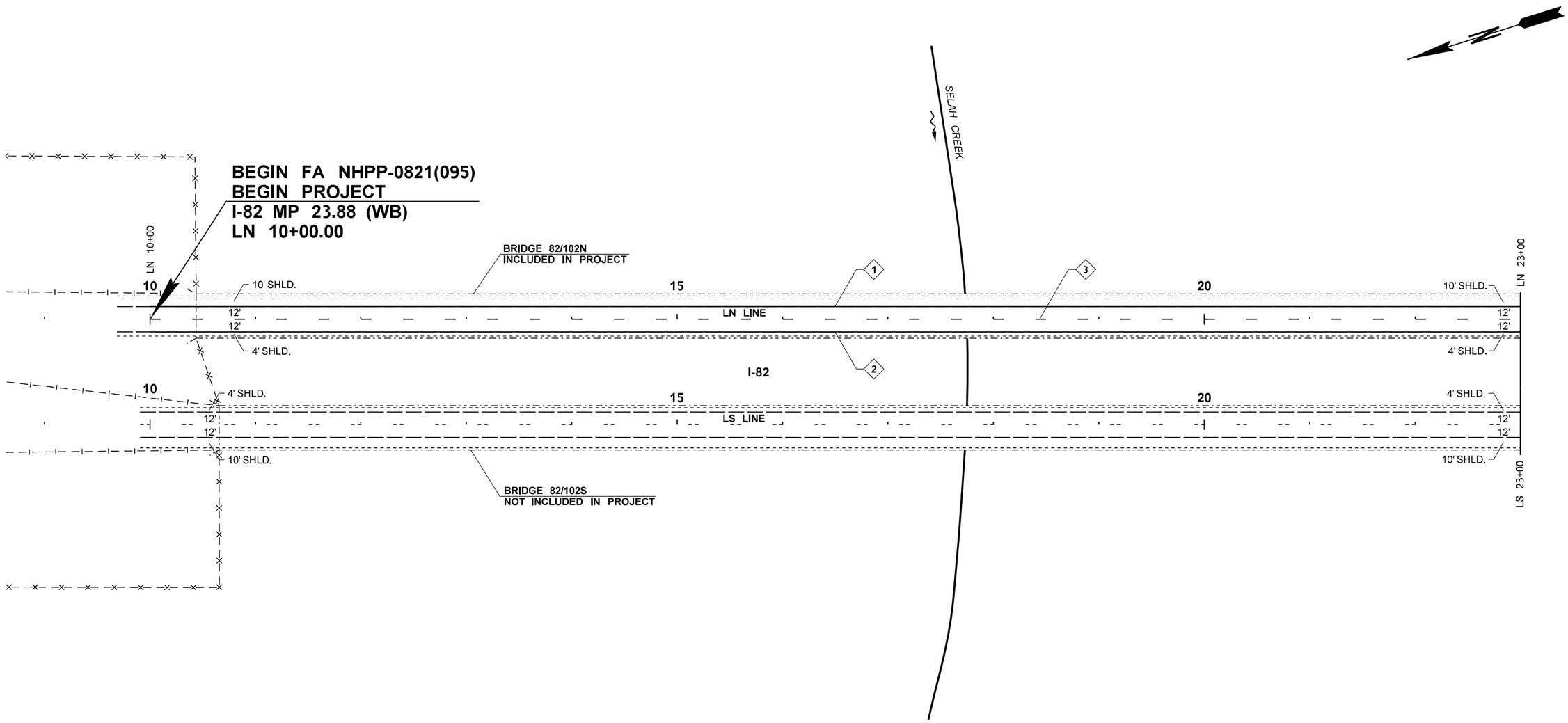
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

QUANTITY TABULATION - PAVEMENT MARKINGS

QT 3

SHEET 30 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- - - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
—·—·—·—·—	EXISTING BRIDGE

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn					
TIME	2:08:04 PM					
DATE	4/11/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

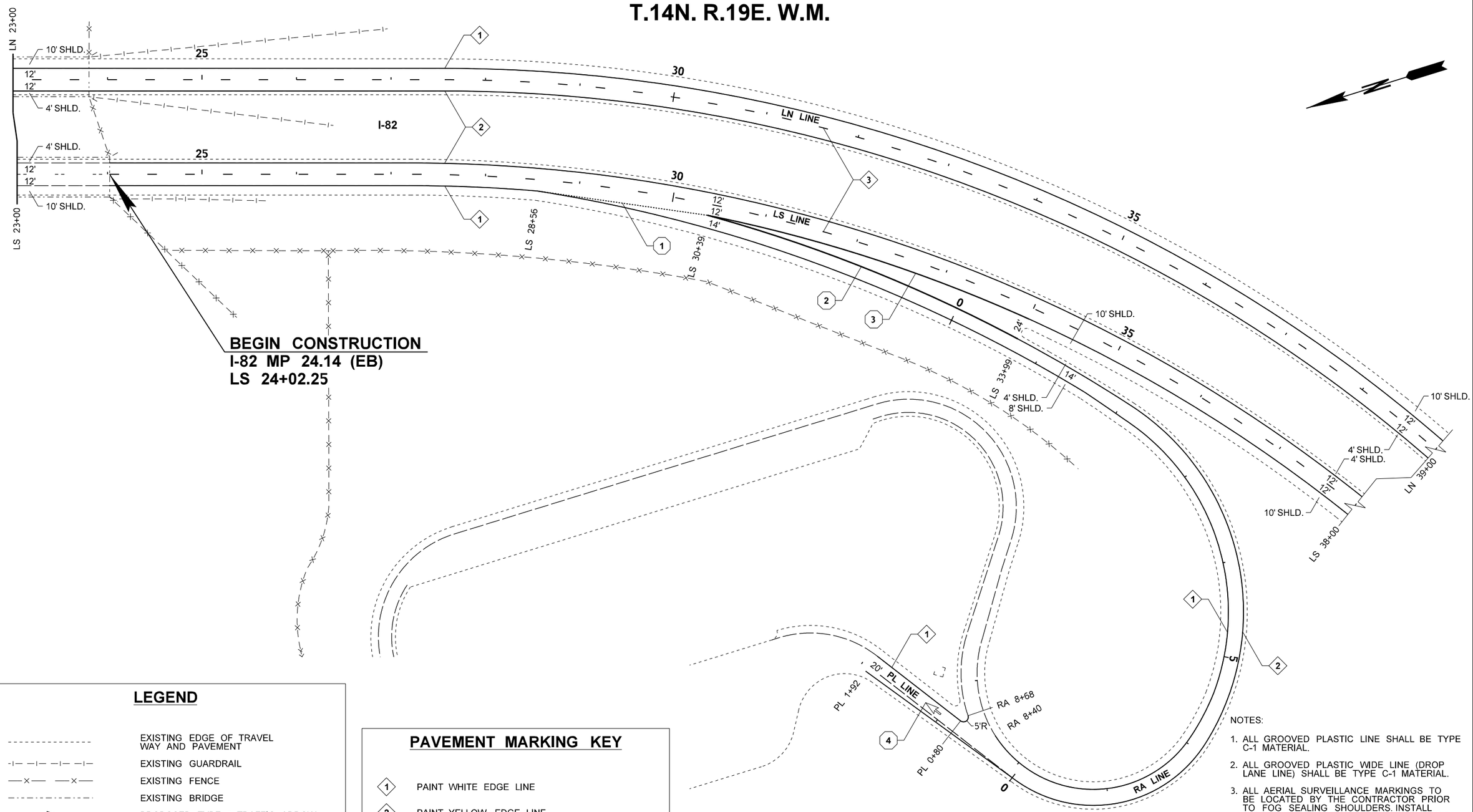
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 1
PLAN REF NO MK1
SHEET 31 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-|- -|- -|- -|-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
—·—·—·—·—	EXISTING BRIDGE
⇨	PROPOSED TYPE 5 TRAFFIC ARROW
(X)	QUANTITY TABULATION NOTE (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:08:09 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

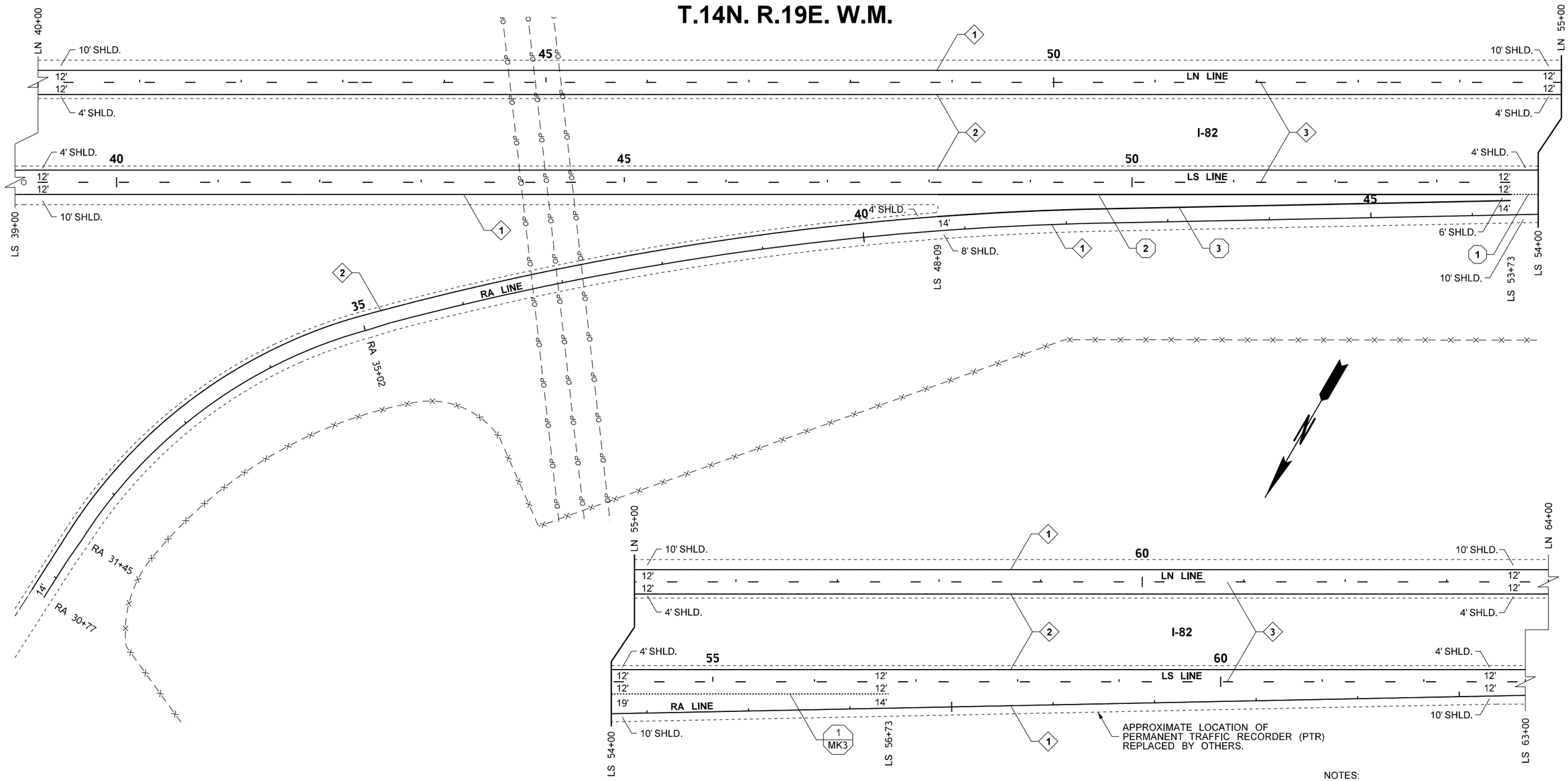
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 2
PLAN REF NO MK2
SHEET 32 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
X / MKX X	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1. PAINT WHITE EDGE LINE
2. PAINT YELLOW EDGE LINE
3. GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:08:15 PM			
DATE	4/11/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	A. KOLZOW			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD, STATE OF WASHINGTON, 39833, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

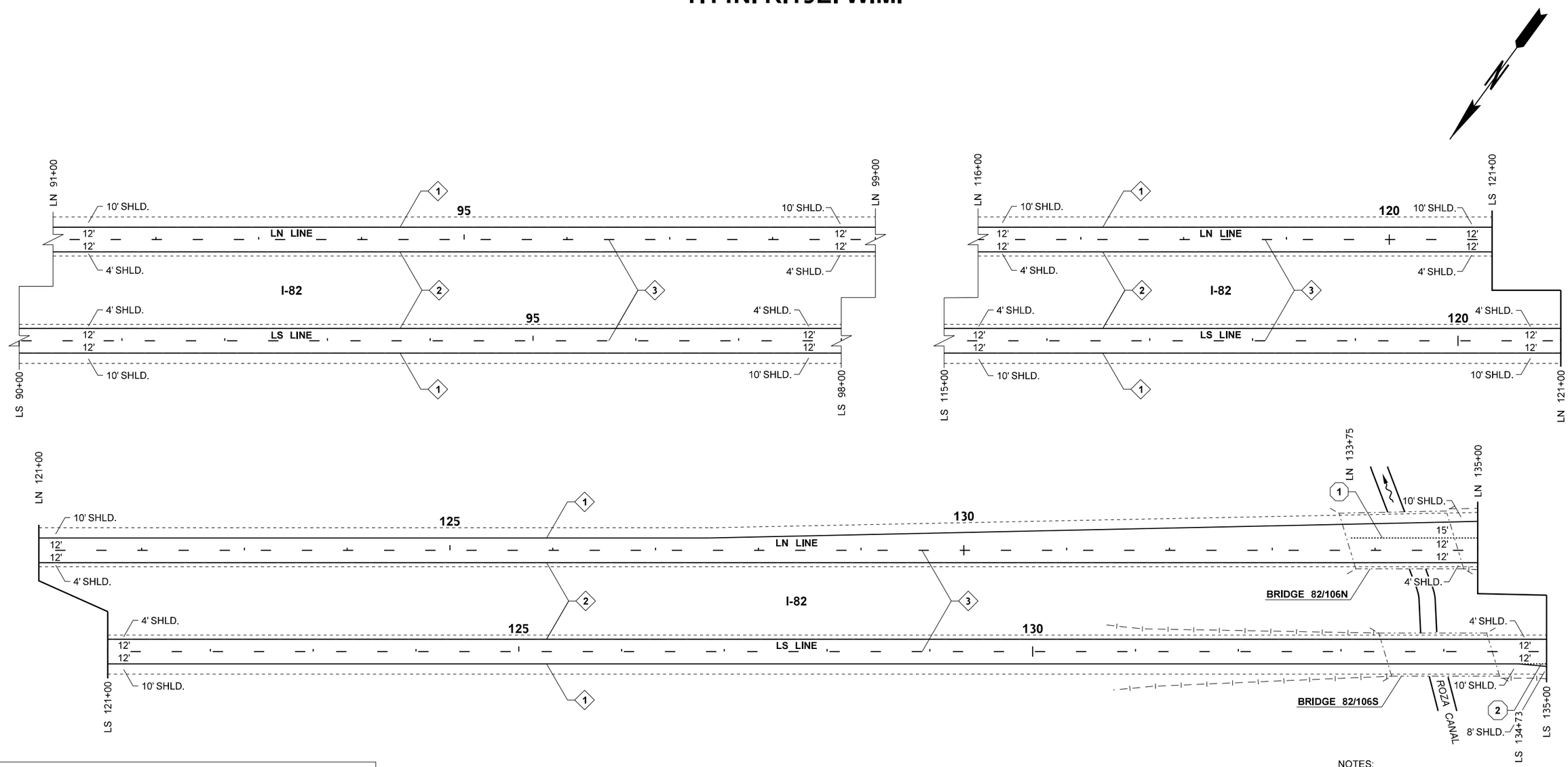
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 3
PLAN REF NO MK3
SHEET 33 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
- EXISTING GUARDRAIL
- EXISTING BRIDGE
- (X) QUANTITY TABULATION NOTE (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

- (1) PAINT WHITE EDGE LINE
- (2) PAINT YELLOW EDGE LINE
- (3) GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn
TIME	2:08:20 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

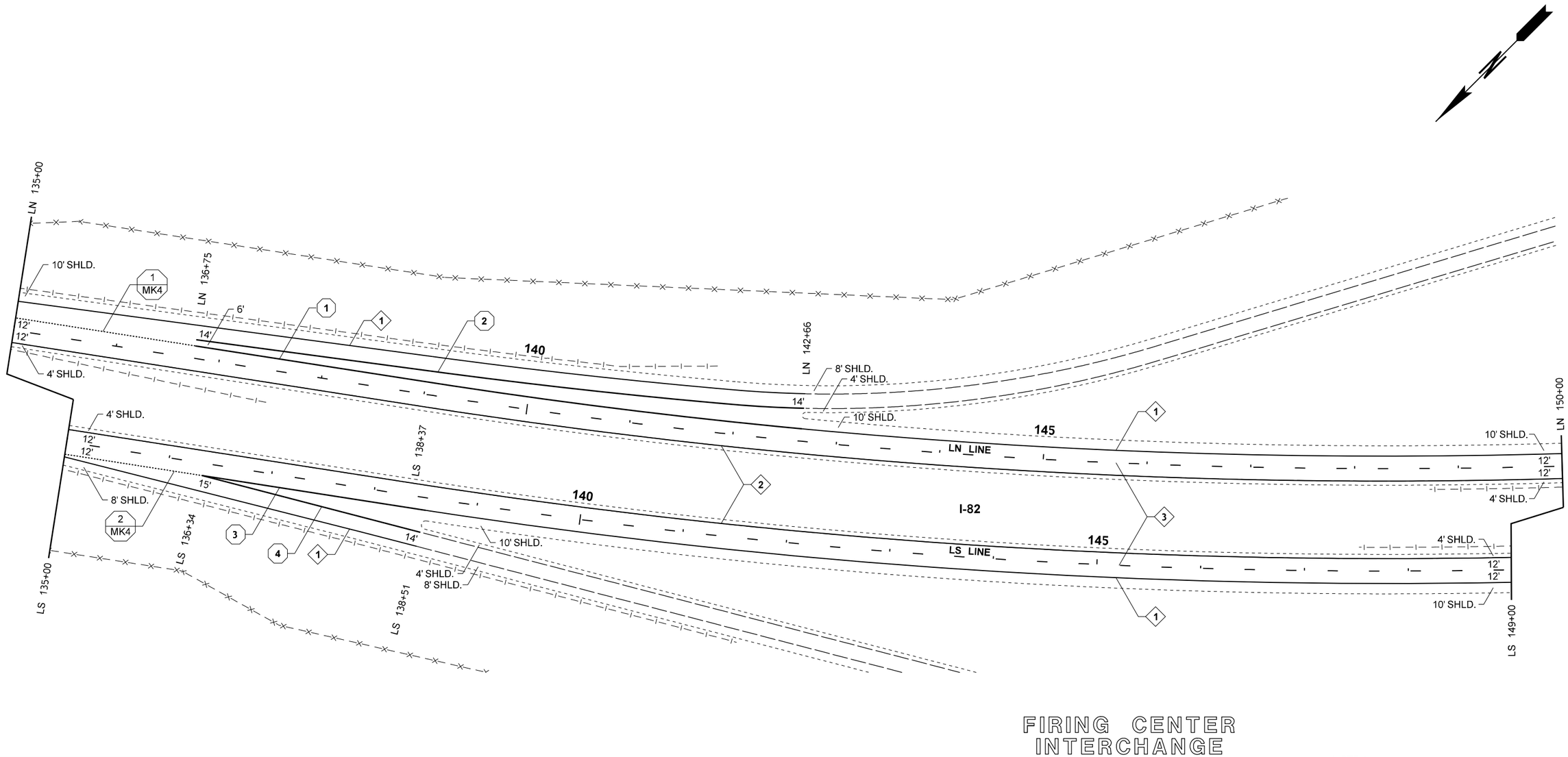
PAVEMENT MARKING PLAN

Plot 4
PLAN REF NO MK4
SHEET 34 OF 91 SHEETS

22Y008

SEE SHEET CT1

T.14N. R.19E. W.M.



LEGEND

- - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I— —I— —I— —I—	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
X MKX / X	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
TIME	2:08:24 PM				JOB NUMBER 22Y008		
DATE	4/11/2022				CONTRACT NO.		LOCATION NO.
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	A. KOLZOW						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

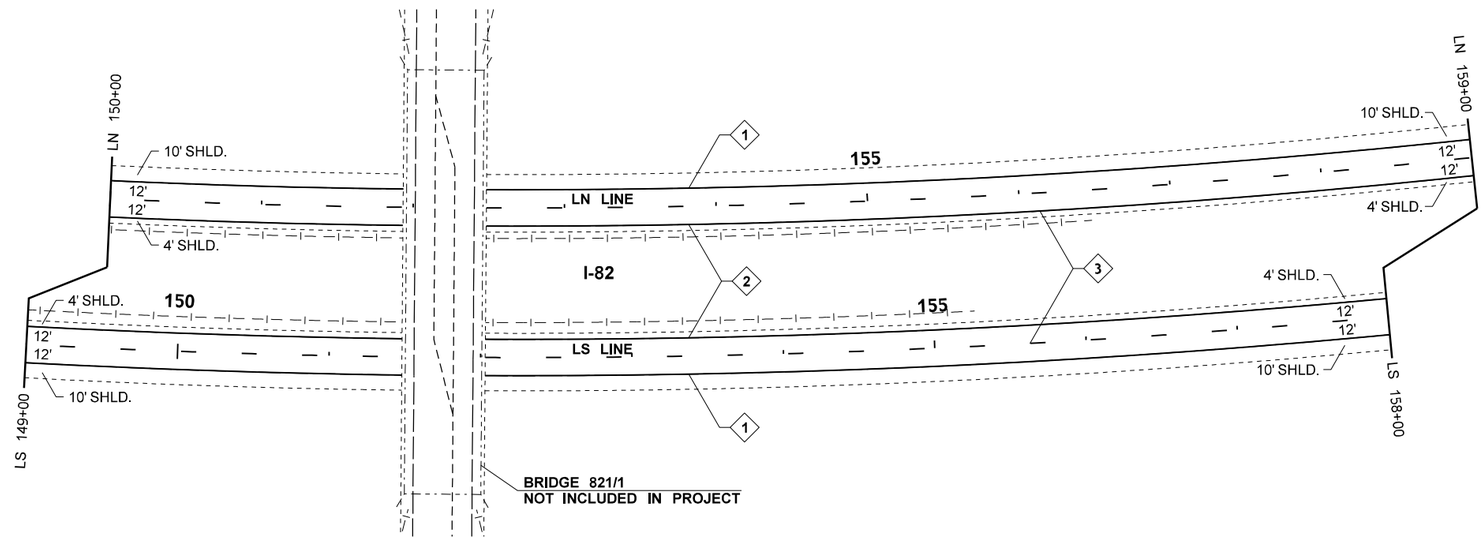
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 5
PLAN REF NO MK5
SHEET 35 OF 91 SHEETS

T.14N. R.19E. W.M.



FIRING CENTER
INTERCHANGE

LEGEND

- - - - - - - - - - - - - - - EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-|— —|— —|— —|— EXISTING GUARDRAIL
—·—·—·—·—·—·— EXISTING BRIDGE

PAVEMENT MARKING KEY

1. PAINT WHITE EDGE LINE
2. PAINT YELLOW EDGE LINE
3. GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn					
TIME	2:08:29 PM					
DATE	4/11/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD · STATE OF WASHINGTON · 39853 · REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

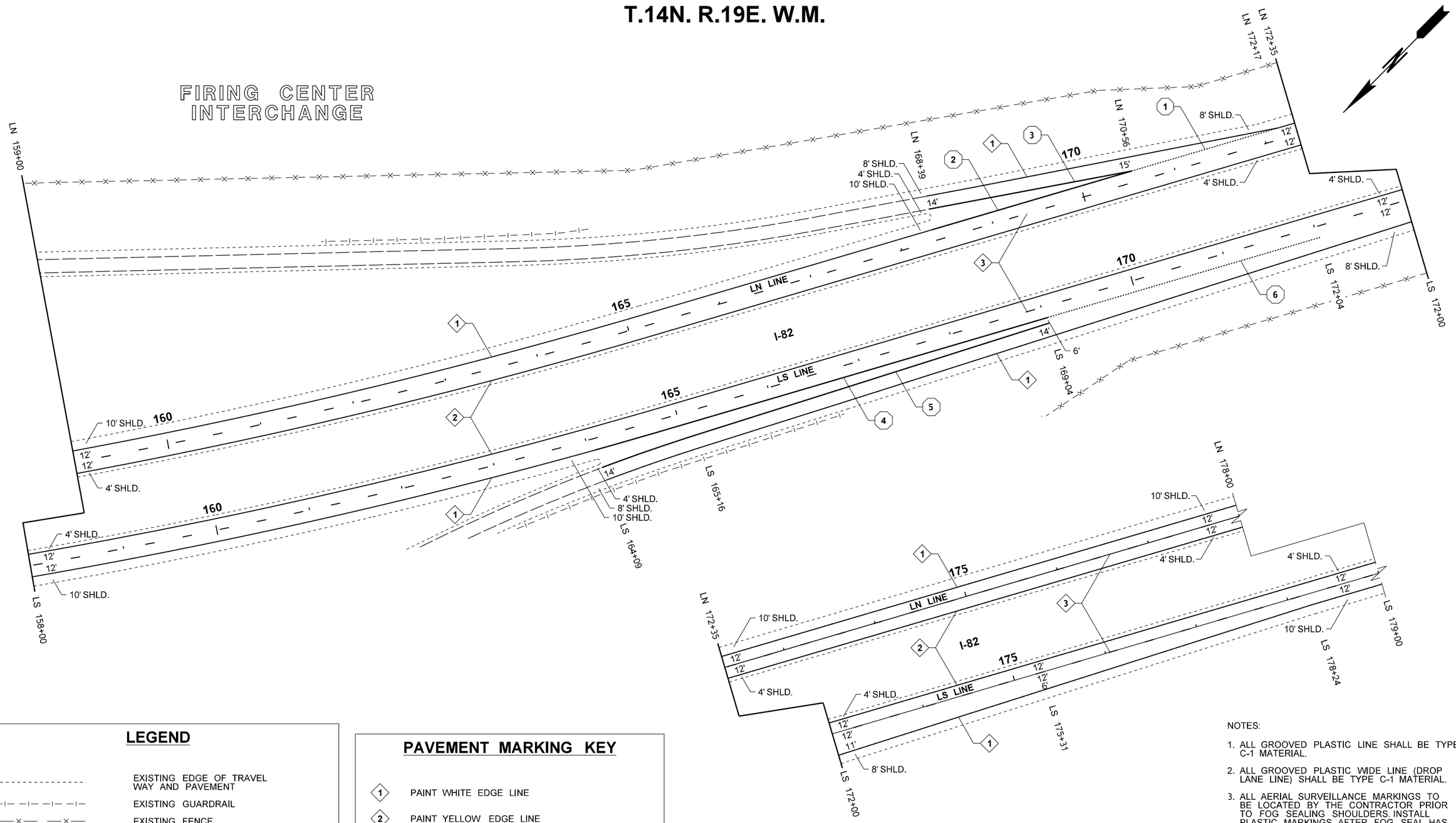
Washington State
Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 6
PLAN REF NO
MK6
SHEET 36 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
(X)	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:08:34 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 19873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 7
PLAN REF NO MK7
SHEET 37 OF 91 SHEETS

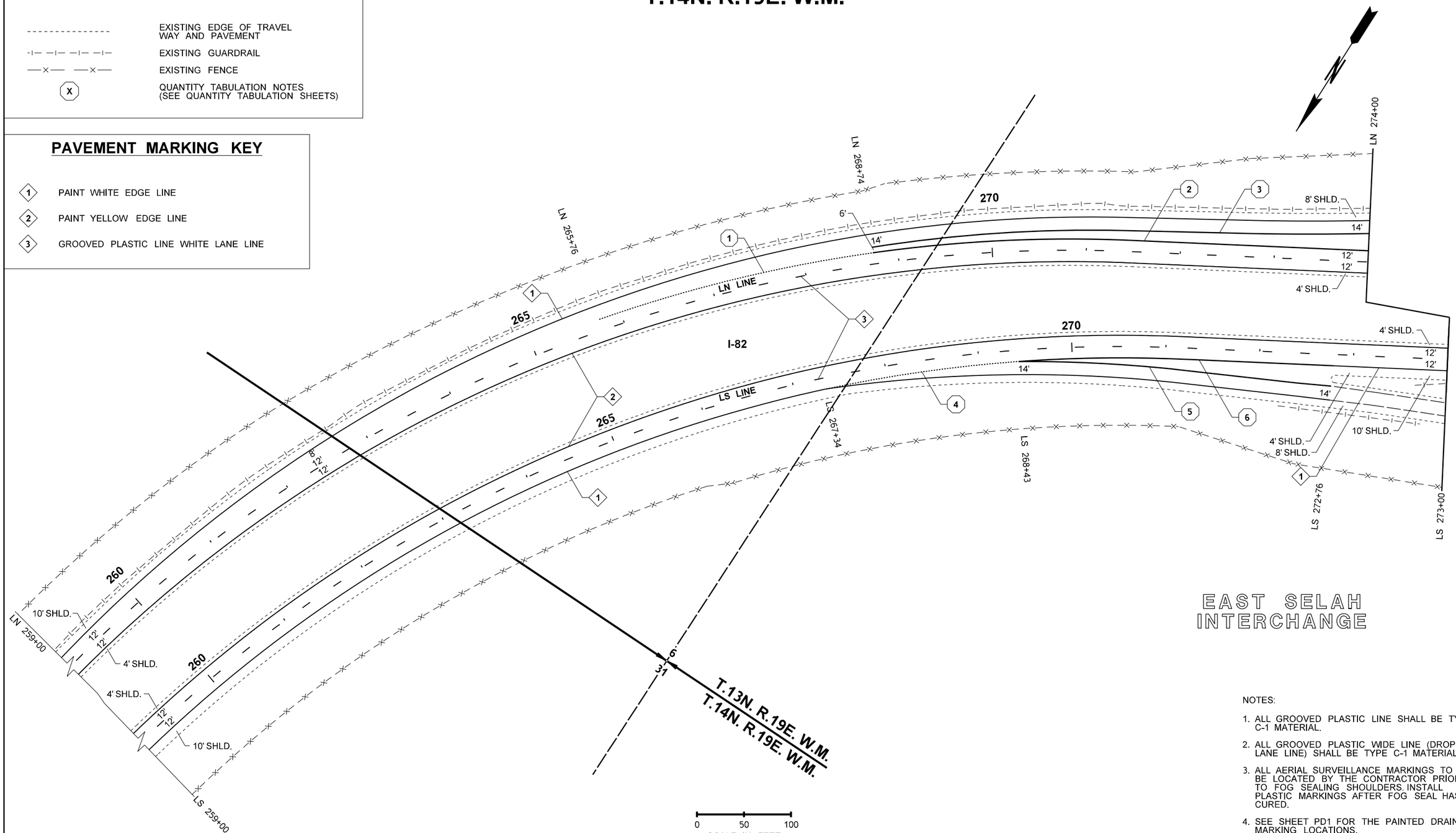
T.14N. R.19E. W.M.

LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
(X)	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE



EAST SELAH INTERCHANGE

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn
TIME	2:08:38 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

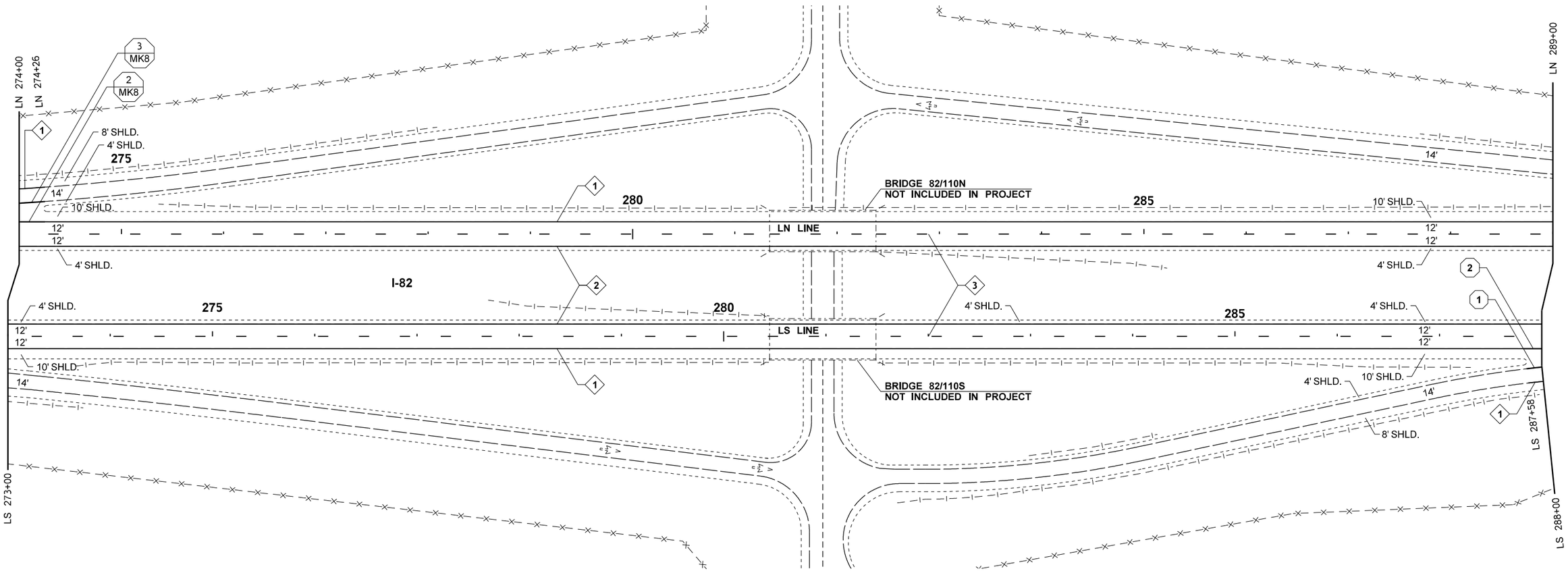
PAVEMENT MARKING PLAN

Plot 8

PLAN REF NO MK8

SHEET 38 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
- EXISTING GUARDRAIL
- EXISTING FENCE
- EXISTING TRAFFIC ARROW
- X / MKX — QUANTITY TABULATION NOTE (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

- (1) PAINT WHITE EDGE LINE
- (2) PAINT YELLOW EDGE LINE
- (3) GROOVED PLASTIC LINE WHITE LANE LINE

EAST SELAH INTERCHANGE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:08:42 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
DATE	4/11/2022						
PLOTTED BY	kolzowa				JOB NUMBER 22Y008		
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	A. KOLZOW						
CHECKED BY	J. TRUDEAU				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

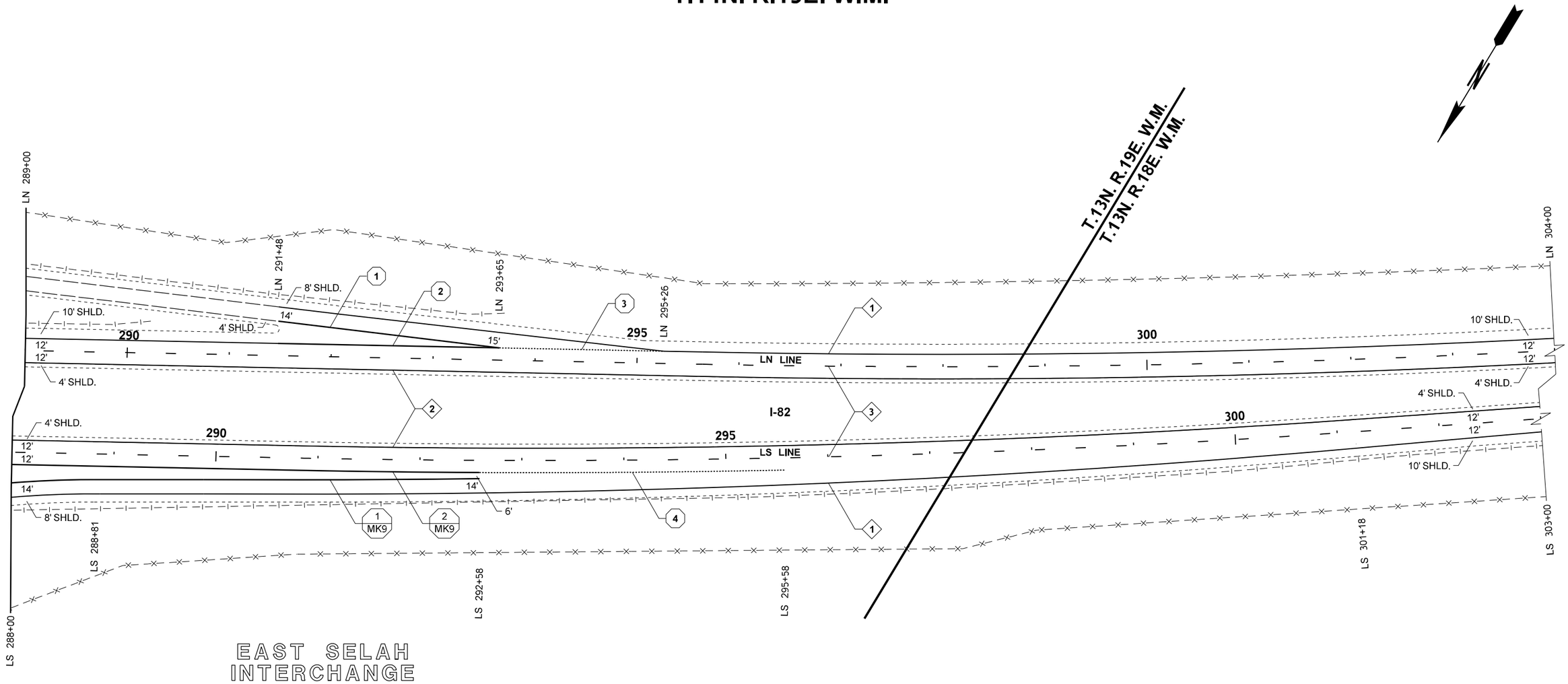
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 9
PLAN REF NO MK9
SHEET 39 OF 91 SHEETS

T.14N. R.19E. W.M.



LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-|— —|— —|— —|—	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
X / MKX	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn					
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DATE	4/11/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	A. KOLZOW					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

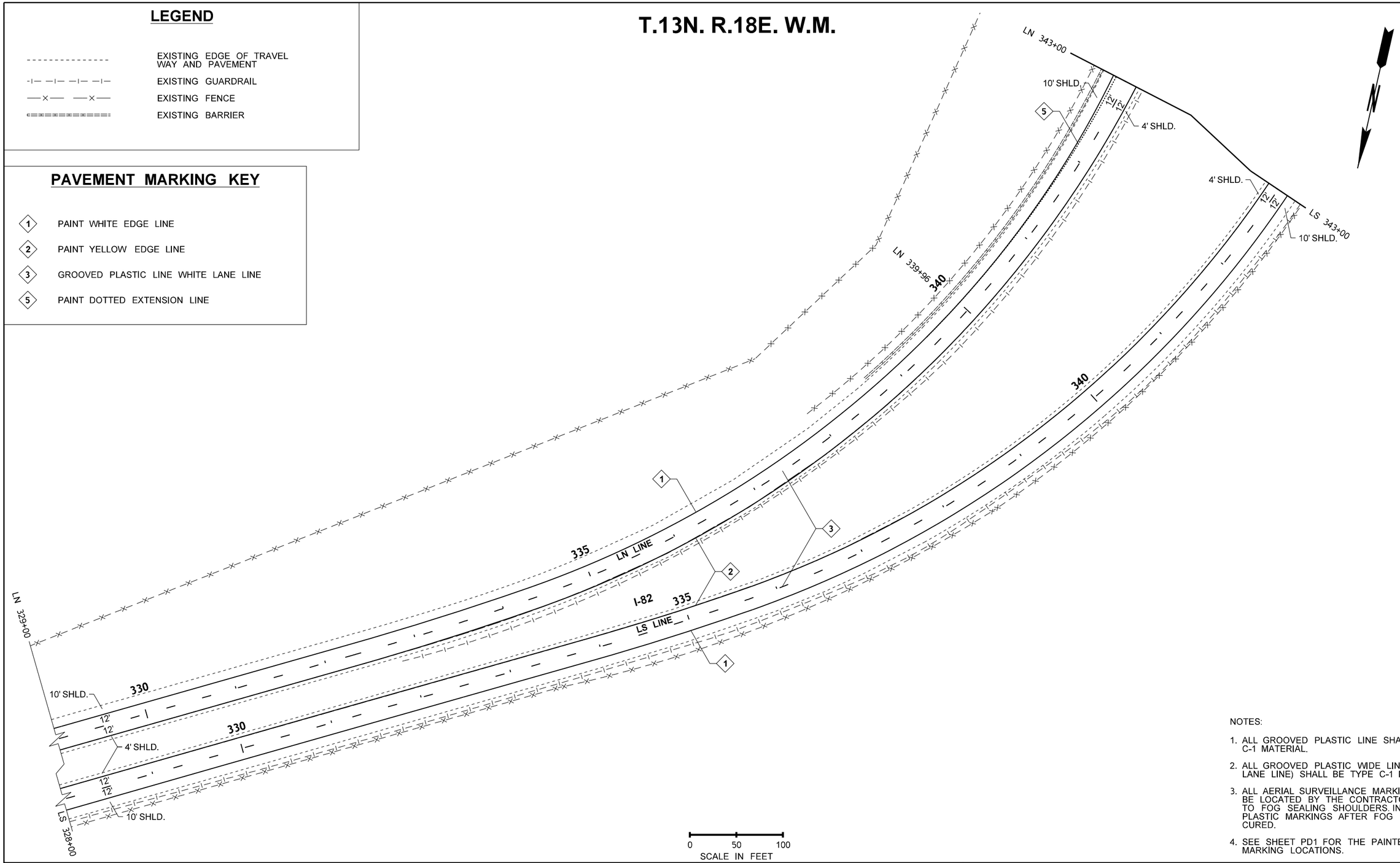
Plot 10
PLAN REF NO
MK10
SHEET 40 OF 91 SHEETS

LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
═══════	EXISTING BARRIER

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE
5	PAINT DOTTED EXTENSION LINE



NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:08:53 PM						
DATE	4/11/2022						
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	A. KOLZOW						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

P.E. STAMP BOX

DATE

Washington State Department of Transportation

I-82

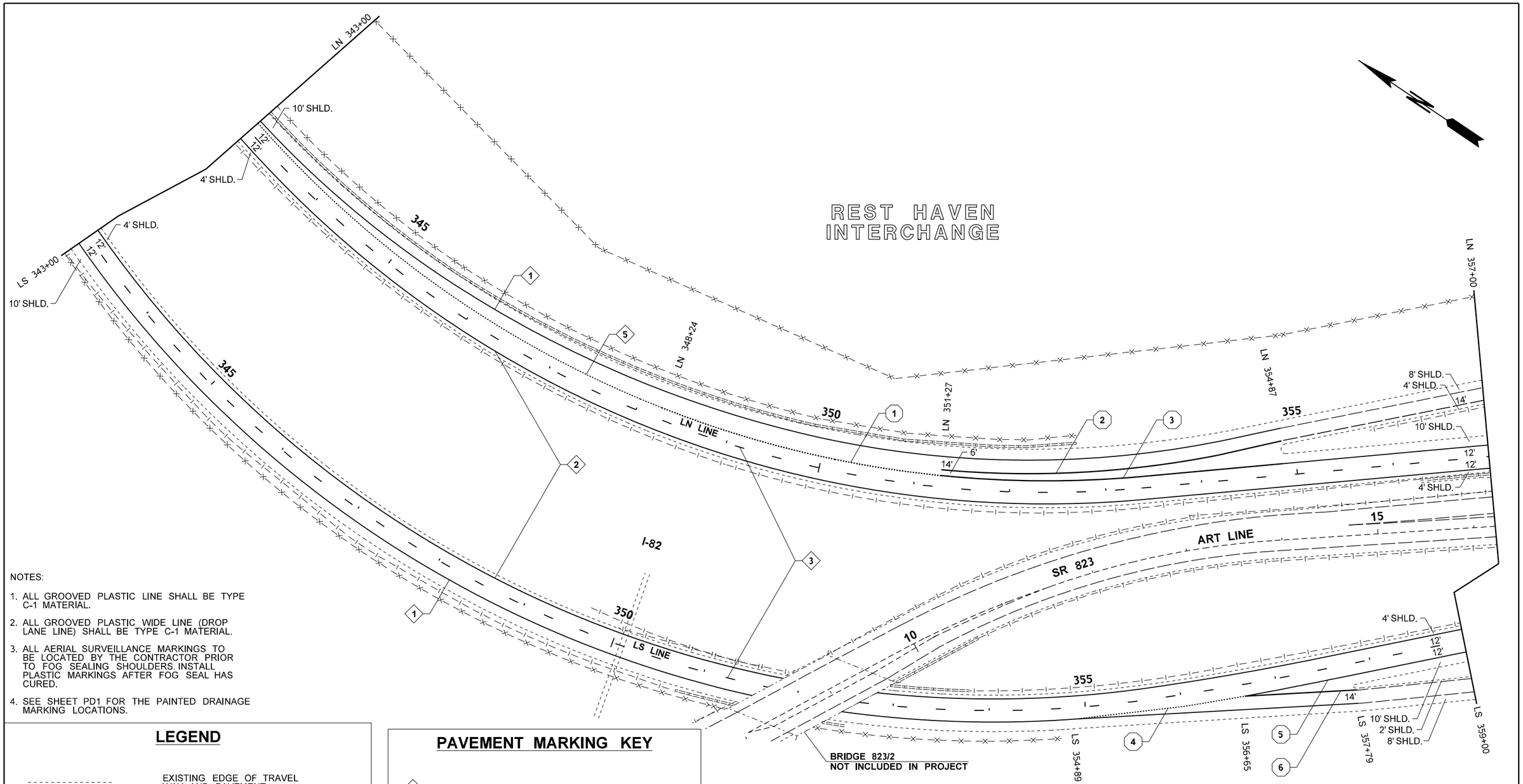
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 11

PLAN REF NO MK11

SHEET 41 OF 91 SHEETS



NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
==========:	EXISTING BARRIER
(X)	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE
5	PAINT DOTTED EXTENSION LINE

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DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 12
PLAN REF NO
MK12
SHEET 42 OF 91 SHEETS

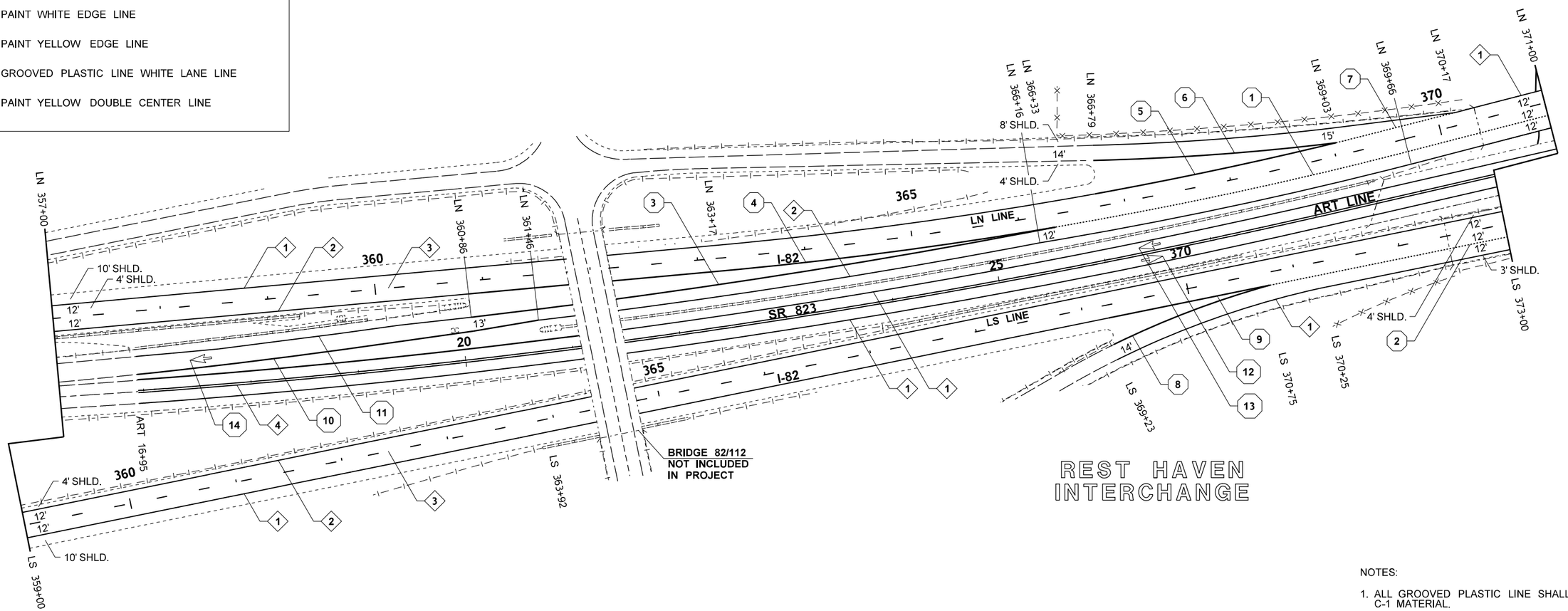
T.13N. R.18E. W.M.

LEGEND

	EXISTING IMPACT ATTENUATOR
	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
	EXISTING GUARDRAIL
	EXISTING FENCE
	EXISTING BARRIER
	EXISTING BRIDGE
(X)	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE
4	PAINT YELLOW DOUBLE CENTER LINE



NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\270-PvmtMarkingPlan\XL6285_PS_PV.dgn
TIME	2:09:03 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

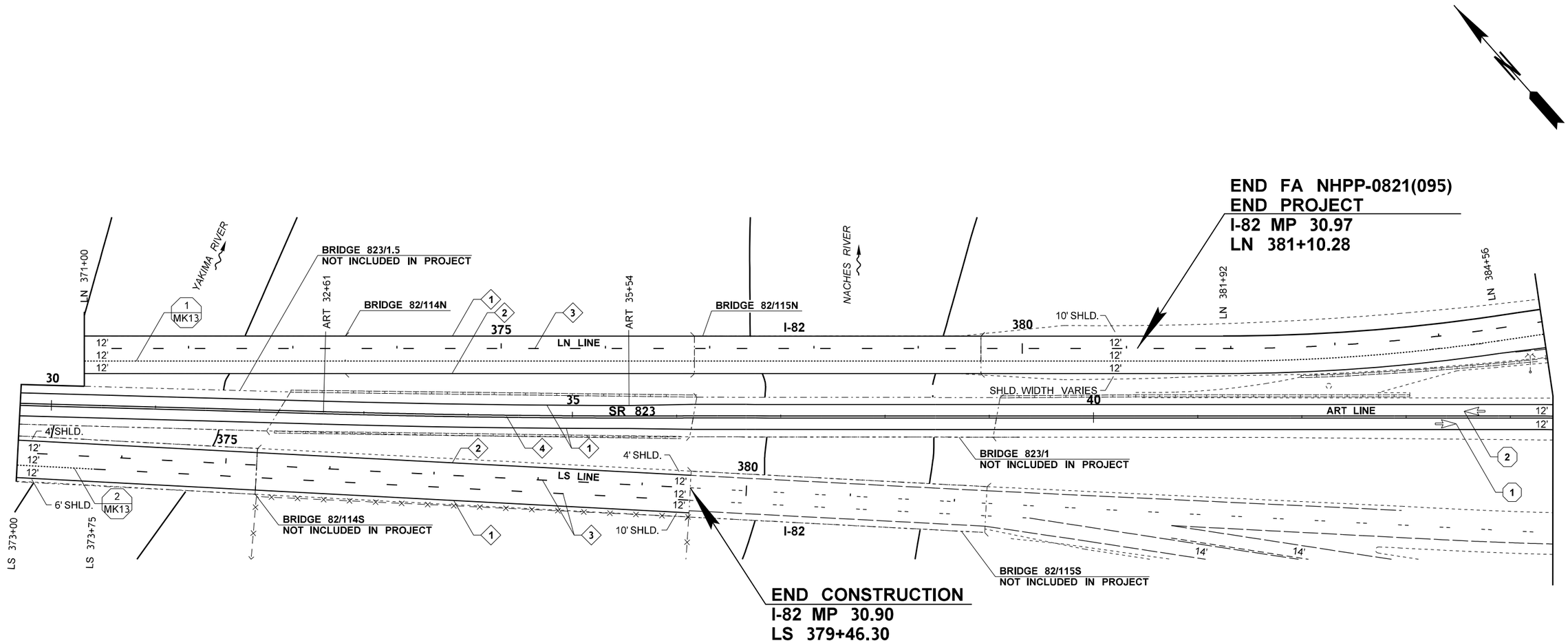
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 13
PLAN REF NO MK13
SHEET 43 OF 91 SHEETS

T.13N. R.18E. W.M.



LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-I- -I- -I- -I-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
-·-·-·-·-·-·-	EXISTING BRIDGE
	EXISTING LIGHT POLE
	EXISTING MANHOLE
X / MKX	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE
4	PAINT YELLOW DOUBLE CENTER LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:09:09 PM			
DATE	4/11/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	A. KOLZOW			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

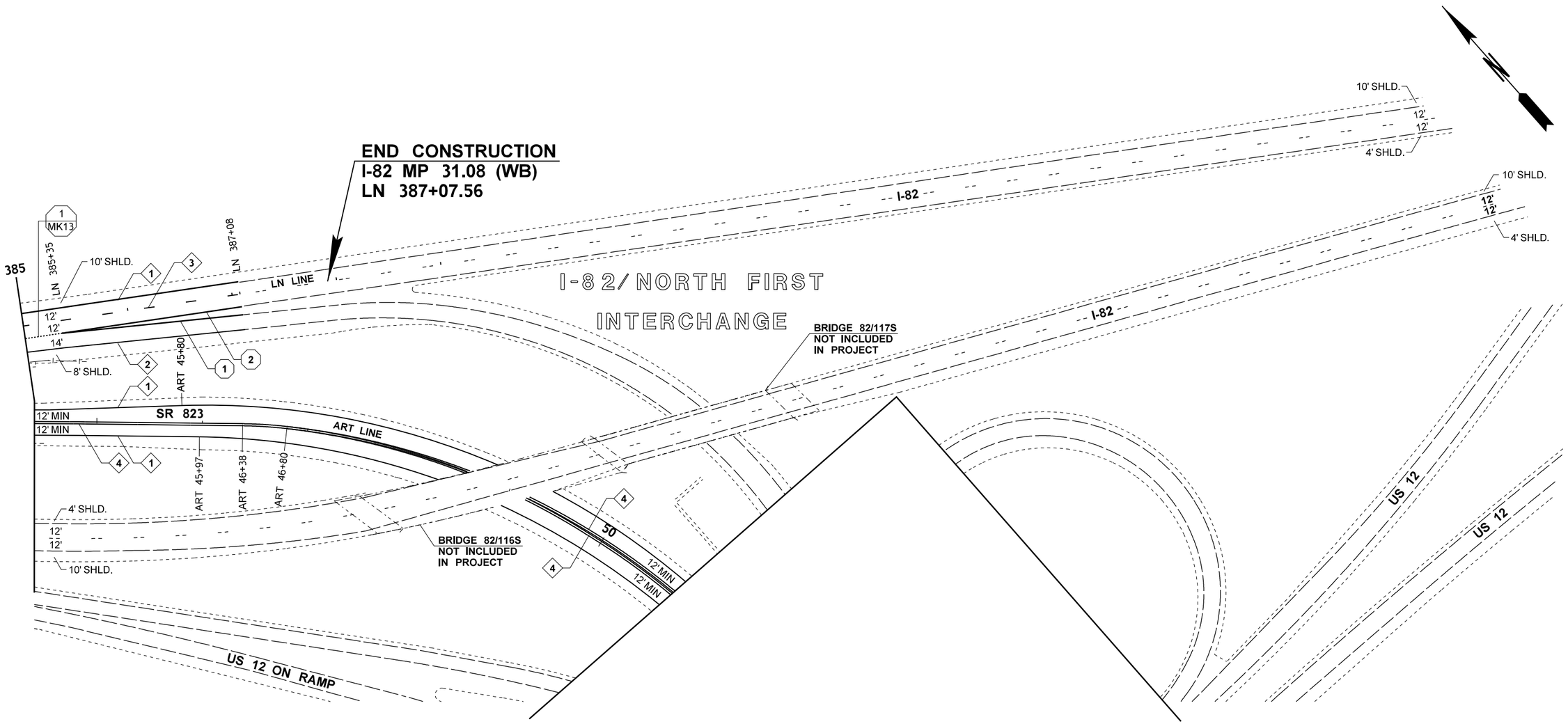
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 14
PLAN REF NO MK14
SHEET 44 OF 91 SHEETS

T.13N. R.18E. W.M.



LEGEND

- - - - - - - - - - - - - -	EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
-|- -|- -|- -|-	EXISTING GUARDRAIL
—×— —×—	EXISTING FENCE
-·-·-·-·-·-·-	EXISTING BRIDGE
(X)	QUANTITY TABULATION NOTES (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1	PAINT WHITE EDGE LINE
2	PAINT YELLOW EDGE LINE
3	GROOVED PLASTIC LINE WHITE LANE LINE
4	PAINT YELLOW DOUBLE CENTER LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER XL6285		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD STATE OF WASHINGTON 29833 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

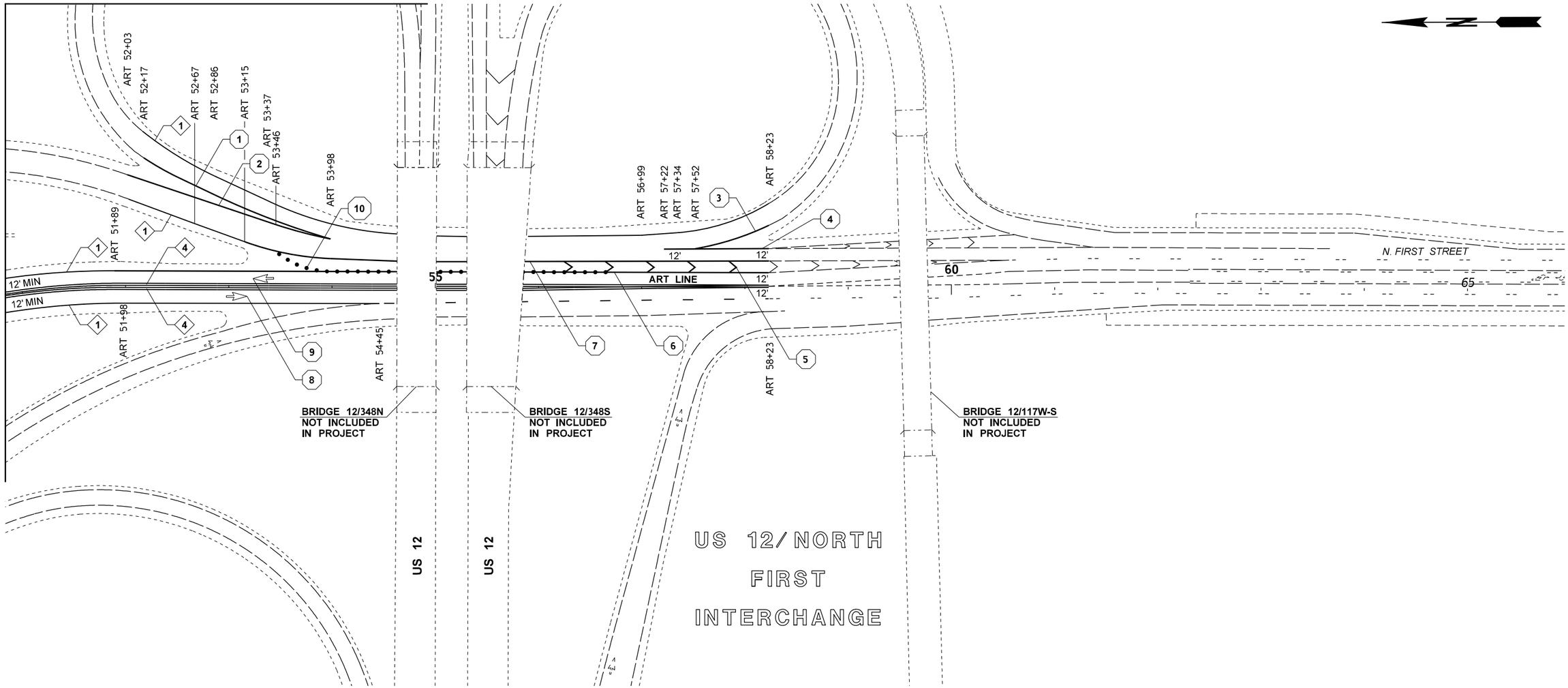
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 15
PLAN REF NO MK15
SHEET 45 OF 91 SHEETS

T.13N. R.18E. W.M.



LEGEND

- EXISTING EDGE OF TRAVEL WAY AND PAVEMENT
- EXISTING GUARDRAIL
- EXISTING FENCE
- EXISTING BRIDGE
- PROPOSED TUBULAR MARKERS
- PROPOSED TYPE 5 TRAFFIC ARROW
- (X) QUANTITY TABULATION NOTE (SEE QUANTITY TABULATION SHEETS)

PAVEMENT MARKING KEY

1. PAINT WHITE EDGE LINE
2. PAINT YELLOW EDGE LINE
3. GROOVED PLASTIC LINE WHITE LANE LINE
4. PAINT YELLOW DOUBLE CENTER LINE

0 50 100
SCALE IN FEET

NOTES:

1. ALL GROOVED PLASTIC LINE SHALL BE TYPE C-1 MATERIAL.
2. ALL GROOVED PLASTIC WIDE LINE (DROP LANE LINE) SHALL BE TYPE C-1 MATERIAL.
3. ALL AERIAL SURVEILLANCE MARKINGS TO BE LOCATED BY THE CONTRACTOR PRIOR TO FOG SEALING SHOULDERS. INSTALL PLASTIC MARKINGS AFTER FOG SEAL HAS CURED.
4. SEE SHEET PD1 FOR THE PAINTED DRAINAGE MARKING LOCATIONS.

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TIME	2:09:21 PM			
DATE	4/11/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	A. KOLZOW			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER XL6285		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 49833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

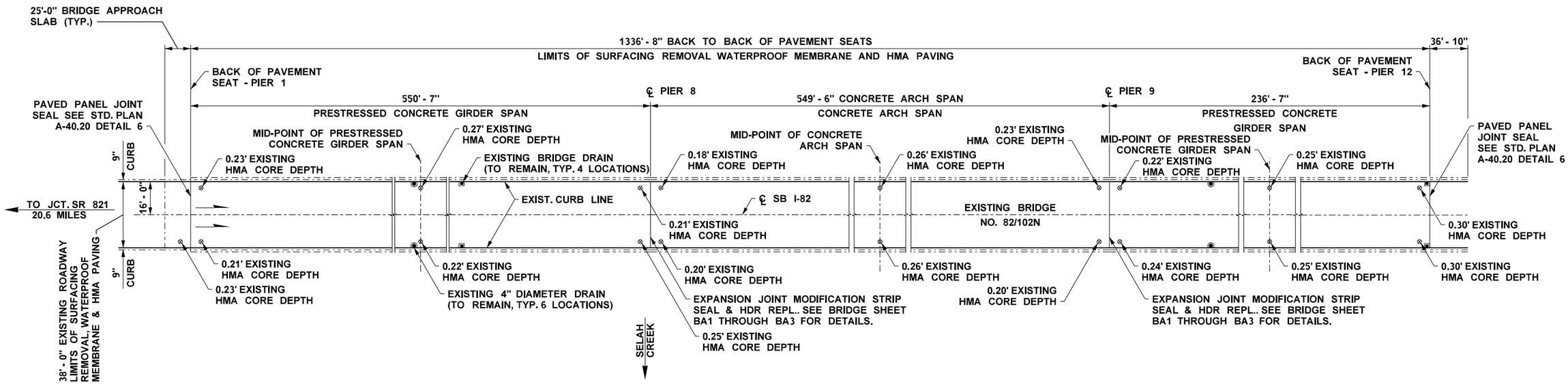
Washington State
Department of Transportation

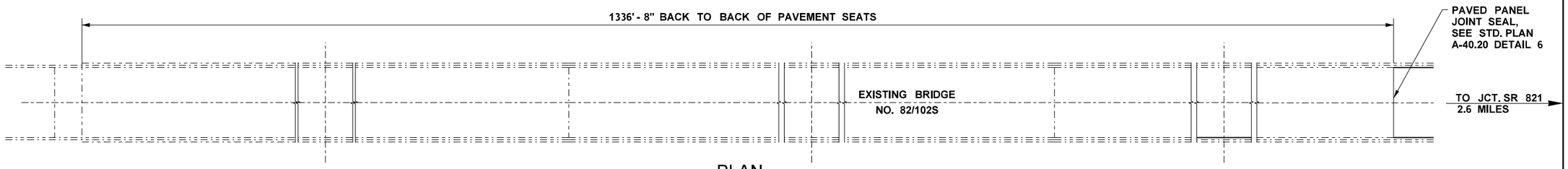
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

PAVEMENT MARKING PLAN

Plot 16
PLAN REF NO
MK16
SHEET 46 OF 91 SHEETS

SEC. 15, T.14N., R19.E., W.M.
YAKIMA COUNTY





PLAN

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS.
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON ORIGINAL CONSTRUCTION RECORDS. ALL DIMENSIONS SHALL BE MEASURED AND VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.
3. ALL CAST IN PLACE CONCRETE SHALL BE CLASS 4000D.
4. NEW CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION, DATED 2020.
5. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.
6. ALL WELDING SHALL BE IN ACCORADNCE WITH AWS 1.5 BRIDGE WELDING CODE.

OVERLAY REQUIREMENTS

REMOVE 0.25 FT. OF EXISTING HMA SURFACING, PLACE 0.25 FT. HMA OVERLAY WITH MEMBRANE ON 82/102 NORTH BRIDGE ONLY

◉ EXISTING CIRCULAR DRAINS SEE "HMA TAPER AT EXISTING CIRCULAR DRAIN ON BR. SHT BA5

▣ EXISTING RECTANGULAR DRAINS SEE "HMA TAPER AT EXISTING RECTANGULAR DRAIN" ON BR. SHT. BA5

Bridge Design Engr.	Khaleghi, B		K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgeStrPlan\XL6285_PS_BR.dgn			REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS	P.E. STAMP BOX
Supervisor	Rosa, M					10	WASH.				
Designed By	Phillips, D	04/22				JOB NUMBER		NHPP-0821(095)			
Checked By	Rosa, M	04/22				22Y008					
Detailed By	Rutschilling, TJ	04/22									
Bridge Projects Engr.											
Prelim. Plan By											
Architect/Specialist			DATE	REVISION	BY	APP'D					DATE

4/12/2022 2:03:17 PM

SR ___ FILE NO. ___ SHEET ___

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
MICHAEL A. ROSS
STATE OF WASHINGTON
43707
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

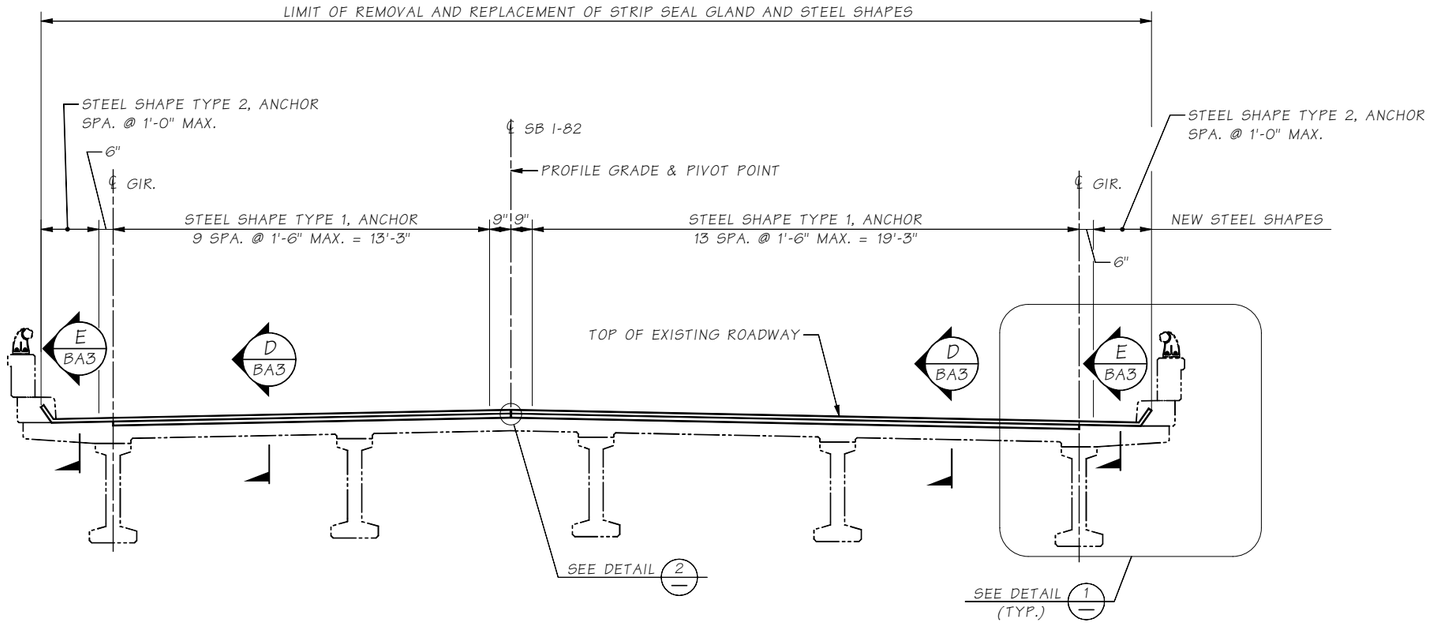
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

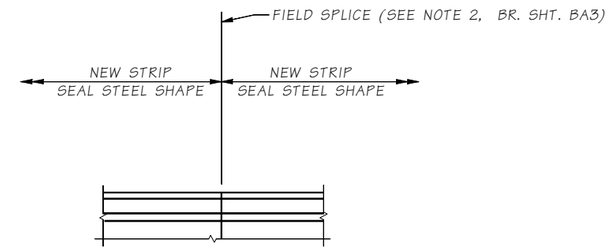
LAYOUT -
I-82 F.G. REDMON BR. NO. 82/102 N & S

BRIDGE SHEET NO. BA1

SHEET 47 OF 91 SHEETS



ROADWAY SECTION AT PIERS 8 AND 9



DETAIL 2

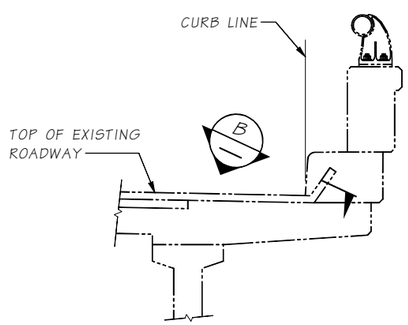
SUPERELEVATION NOT SHOWN

LEGEND

B — IDENTIFIES SECTION OR VIEW
— TAKEN OR SHOWN ON THE SAME SHEET

B BA3 — IDENTIFIES SECTION OR VIEW
— TAKEN OR SHOWN ON SHEET BA3

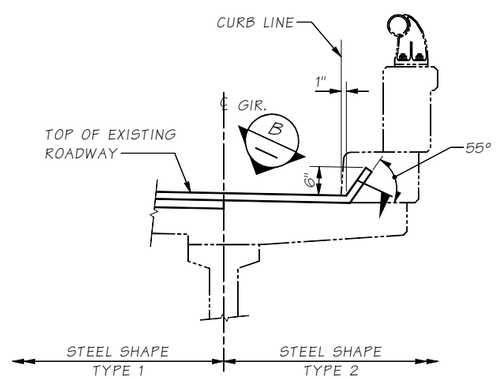
HATCHING DENOTES REMOVAL AREA



DETAIL 1

EXISTING CONDITION

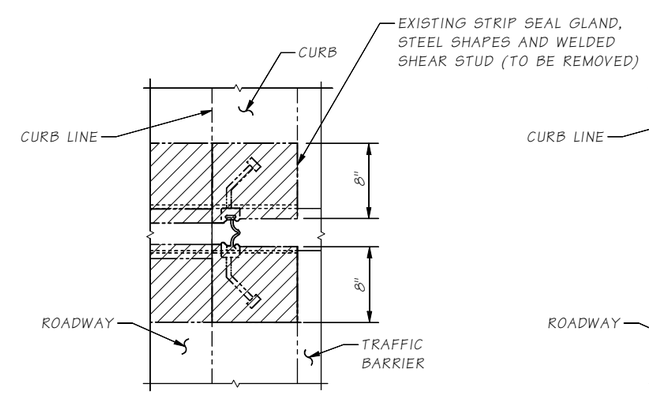
EXISTING TRAFFIC BARRIER REINFORCEMENT NOT SHOWN FOR CLARITY.



DETAIL 1

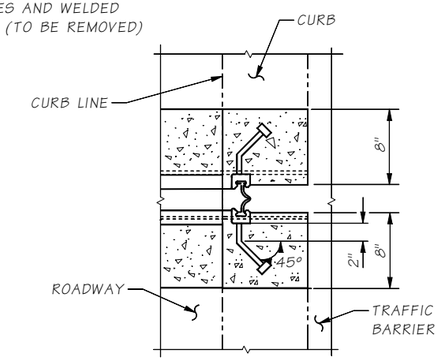
MODIFIED CONDITION

EXISTING TRAFFIC BARRIER REINFORCEMENT NOT SHOWN FOR CLARITY.



SECTION B

EXISTING CONDITION



SECTION B

MODIFIED CONDITION

Bridge Design Engr.	Khaleghi, B		M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Exp. Jt. Mod. 1.MAN							
Supervisor	ROSA, MA									
Designed By	PHILLIPS, D	09/21								
Checked By	ROSA, MA	09/21								
Detailed By	PHILLIPS, D	09/21								
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist			DATE	REVISION	BY	APPD				

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX — MICHAEL A. ROSA, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — BIJAN KHALEGHI, STATE OF WASHINGTON, 27695, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
SELAH CR F G REDMON BR NO. 82/102N

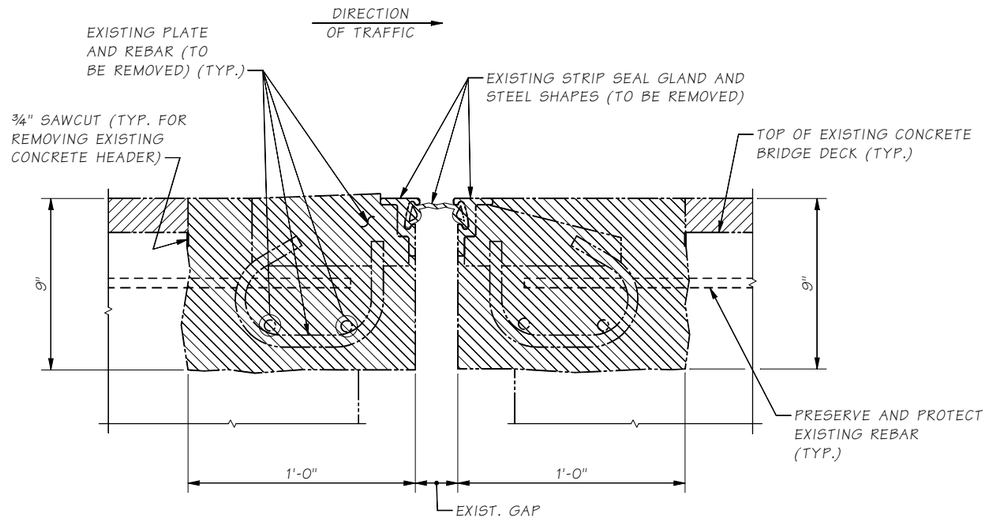
EXPANSION JOINT MODIFICATION
DETAILS 1 OF 3

BRIDGE SHEET NO. BA2

SHEET 48 OF 91 SHEETS

SR ??? FILE NO. Job SHEET BR??

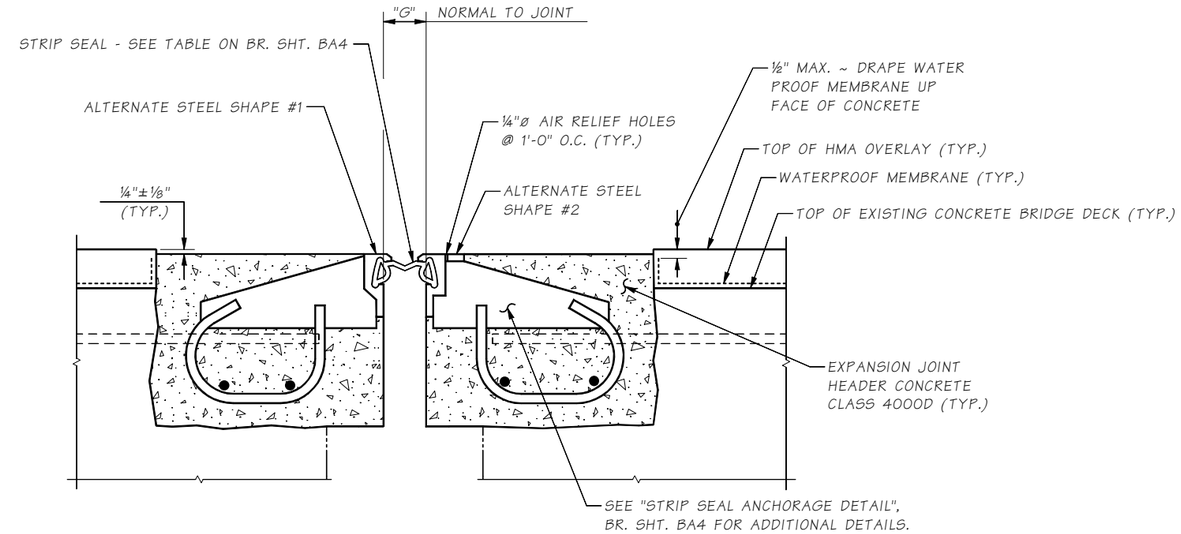
Wed Apr 06 12:54:07 2022



STEEL SHAPE TYPE 1 STRIP SEAL ASSEMBLY

SECTION D / BA2

EXISTING CONDITION



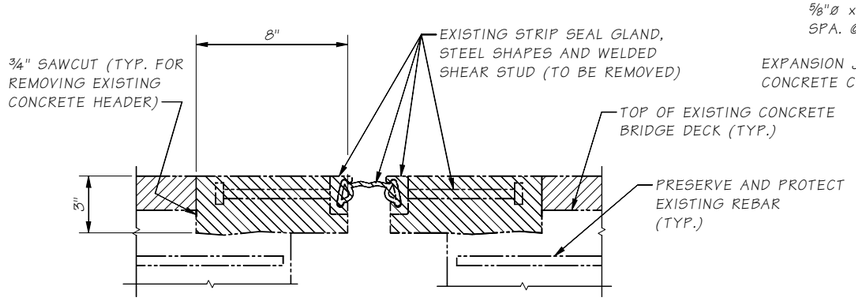
STEEL SHAPE TYPE 1 STRIP SEAL ASSEMBLY

EXPANSION JOINT MODIFICATION STRIP SEAL & HDR REPL

SECTION D / BA2

MODIFIED CONDITION

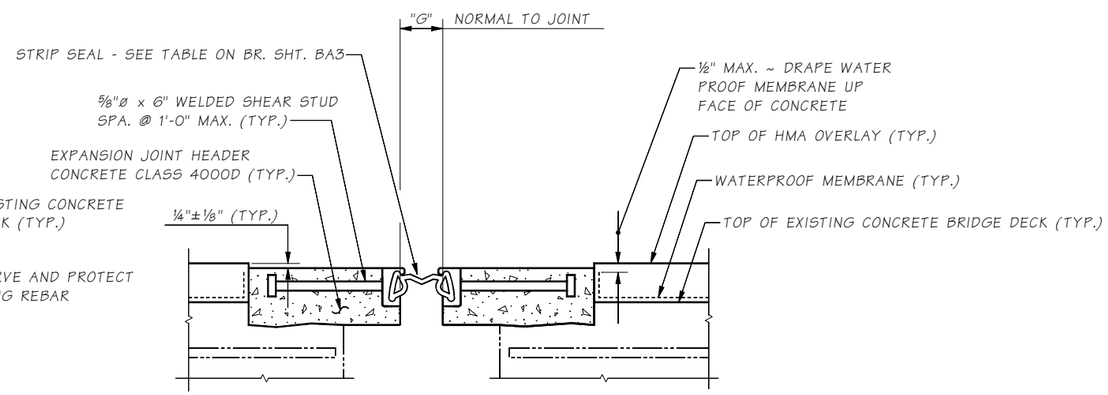
HATCHING DENOTES REMOVAL AREA



STEEL SHAPE TYPE 2 STRIP SEAL ASSEMBLY

SECTION E / BA2

EXISTING CONDITION



STEEL SHAPE TYPE 2 STRIP SEAL ASSEMBLY

EXPANSION JOINT MODIFICATION STRIP SEAL & HDR REPL

SECTION E / BA2

MODIFIED CONDITION

BUTT WELD TO STEEL SHAPE TYPE 1 STRIP SEAL AT ℄ EXTERIOR GIRDER. SEE DETAIL 2 ON BA2

NOTES:

1. CONTRACTOR SHALL NOT DAMAGE EXISTING REINFORCEMENT WHICH REMAINS DURING DEMOLITION OR INSTALLATION OF EXPANSION JOINT.
2. STEEL SHAPES SHALL BE FIELD SPLICED USING WELD PROCEDURES PER MANUFACTURER'S RECOMMENDATION. STRIP SEAL GLAND SHALL BE FURNISHED AND INSTALLED AS A SINGLE CONTINUOUS PIECE, THE FULL WIDTH OF THE BRIDGE DECK.

Bridge Design Engr.	Khaleghi, B		
Supervisor	ROSA, MA		
Designed By	PHILLIPS, D	09/21	
Checked By	ROSA, MA	09/21	
Detailed By	PHILLIPS, D	09/21	
Bridge Projects Engr.			
Prelim. Plan By			
Architect/Specialist			

M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Exp. Jt. Mod. 2.MAN

DATE	REVISION	BY	APPD

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX — MICHAEL A. ROSA, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — BRIAN KHALEGHI, STATE OF WASHINGTON, 27090, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
SELAH CR F G REDMON BR NO. 82/102N

EXPANSION JOINT MODIFICATION DETAILS 2 OF 3

BRIDGE SHEET NO. BA3

SHEET 49 OF 91 SHEETS

SR ??? FILE NO. Job SHEET BR??

Wed Apr 06 12:54:41 2022

5" MOTION RANGE FOR PIER 8

MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL TO JOINT	OPENING "G" NORMAL TO JT.		
		MIN.	MAX.		@40°F	@64°F	@80°F
D. S. BROWN	DSB STRIP SEAL A2R-XTRA, λ	½"	5½"	2"	3¼"	2¼"	1⅝"
WATSON BOWMAN ACME	WABO STRIP SEAL SE-500	0"	5"	1½"	3¼"	2¼"	1⅝"
R.J. WATSON, INC.	R.J. STRIP SEAL 500	½"	5"	1½"	3¼"	2¼"	1⅝"

4" MOTION RANGE FOR PIER 9

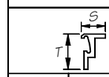
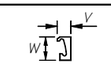
MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSTALLATION WIDTH NORMAL TO JOINT	OPENING "G" NORMAL TO JT.		
		MIN.	MAX.		@40°F	@64°F	@80°F
D. S. BROWN	A2R-400 OR E2M-SEAL ψ	½"	4½"	2"	3"	2¼"	1¾"
WATSON BOWMAN ACME	WABO STRIP SEAL SE-400	0"	4"	1½"	3"	2¼"	1¾"
R.J. WATSON, INC.	R.J. STRIP SEAL 400	0"	4"	1½"	3"	2¼"	1¾"

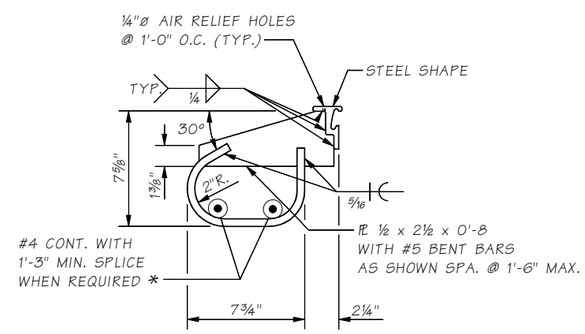
ψ USE E2M-SEAL WITH SSE2M SHAPE ONLY

λ NO SEAL AVAILABLE FOR SSE2M SHAPE

STEEL SHAPE TYPES

α ALTERNATIVELY, TRIM VERTICAL LEG OF SSCM2 SHAPE

MANUFACTURER	ITEM NAME	TYPE 1			TYPE 2					
										
		TYPE	S	T	TYPE	V	W	TYPE	X	Y
D. S. BROWN	DSB STRIP SEAL	SSCM2	1¼"	3¾"	SSA2, α	1¼"	2"	SSE2M α	1"	1½"
WATSON BOWMAN ACME	WABO STRIP SEAL	M, R, P	2¾"	3¼"	A	1¼"	2"	E	1½"	1½"
R.J. WATSON, INC.	RJ STRIP SEAL	RJM	2¾"	3¼"	RJA	1¼"	2"	RJE	1¼"	1½"



STRIP SEAL ANCHORAGE DETAIL

* PLACED AFTER EXPANSION JOINT IS IN POSITION. THREAD INTO PLACE FROM THE ENDS.

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B	M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Exp. Jt. Mod. 3.MAN	
Supervisor	ROSA, MA		
Designed By	PHILLIPS, D	09/21	
Checked By	ROSA, MA	09/21	
Detailed By	PHILLIPS, D	09/21	
Bridge Projects Engr.			
Prelim. Plan By			
Architect/Specialist			

DATE	REVISION	BY	APPD

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX — MICHAEL A. ROSA, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — BALAN KHALEGHI, STATE OF WASHINGTON, 27086, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

Washington State Department of Transportation

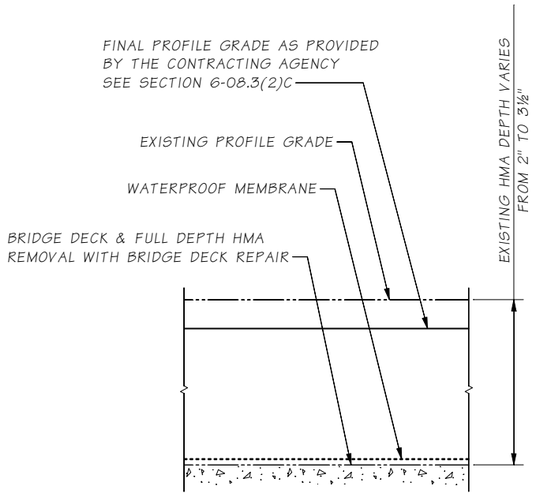
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
SELAH CR F G REDMON BR NO. 82/102N

EXPANSION JOINT MODIFICATION DETAILS 3 OF 3

BRIDGE SHEET NO. BA4

SHEET 50 OF 91 SHEETS

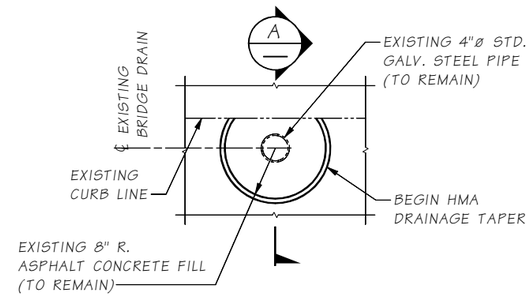
Wed Apr 06 12:55:08 2022



OVERLAY REQUIREMENTS

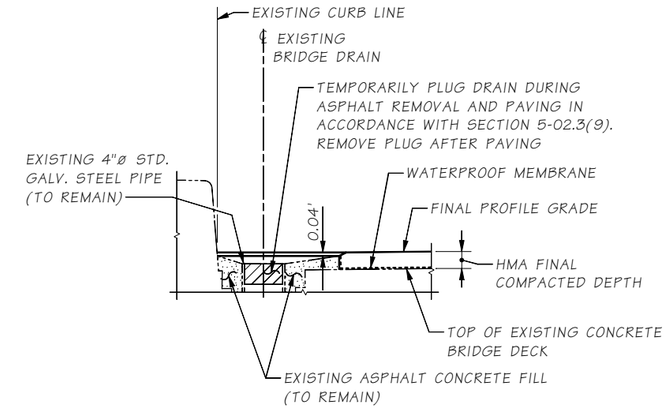
HMA WITH FULL DEPTH REMOVAL

1. REMOVE EXISTING HMA SURFACING AND WATERPROOF MEMBRANE.
2. PERFORM BRIDGE DECK REPAIR.
3. PLACE WATERPROOF MEMBRANE.
4. PLACE HMA OVERLAY.

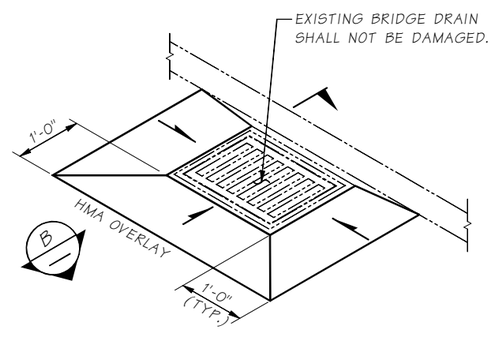


HMA TAPER AT EXISTING CIRCULAR DRAIN

WITH HMA PAVING TAPER

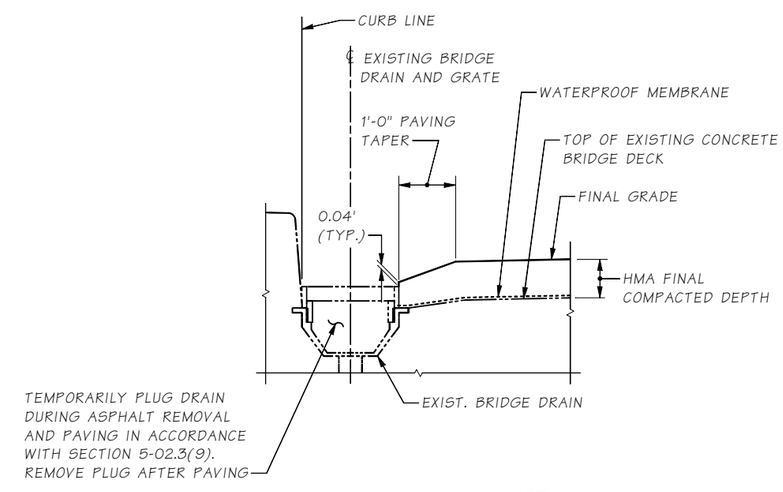


SECTION A



HMA TAPER AT EXISTING RECTANGULAR DRAIN

REMOVE GRATE, WRAP WATERPROOF MEMBRANE
AROUND AND TAPER HMA TO DRAIN EDGE.
SEE STD. SPEC. 6-08.3(8)C



SECTION B

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B		M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Exp. Jt. Mod. 4.MAN								
Supervisor	ROSA, MA										
Designed By	PHILLIPS, D	09/21									
Checked By	ROSA, MA	09/21									
Detailed By	PHILLIPS, D	09/21									
Bridge Projects Engr.											
Prelim. Plan By											
Architect/Specialist			DATE	REVISION	BY	APP'D					

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX
MICHAEL A. ROSA
STATE OF WASHINGTON
43707
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BIJAN KHALEGHI
STATE OF WASHINGTON
27695
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
SELAH CR F G REDMON BR NO. 82/102N

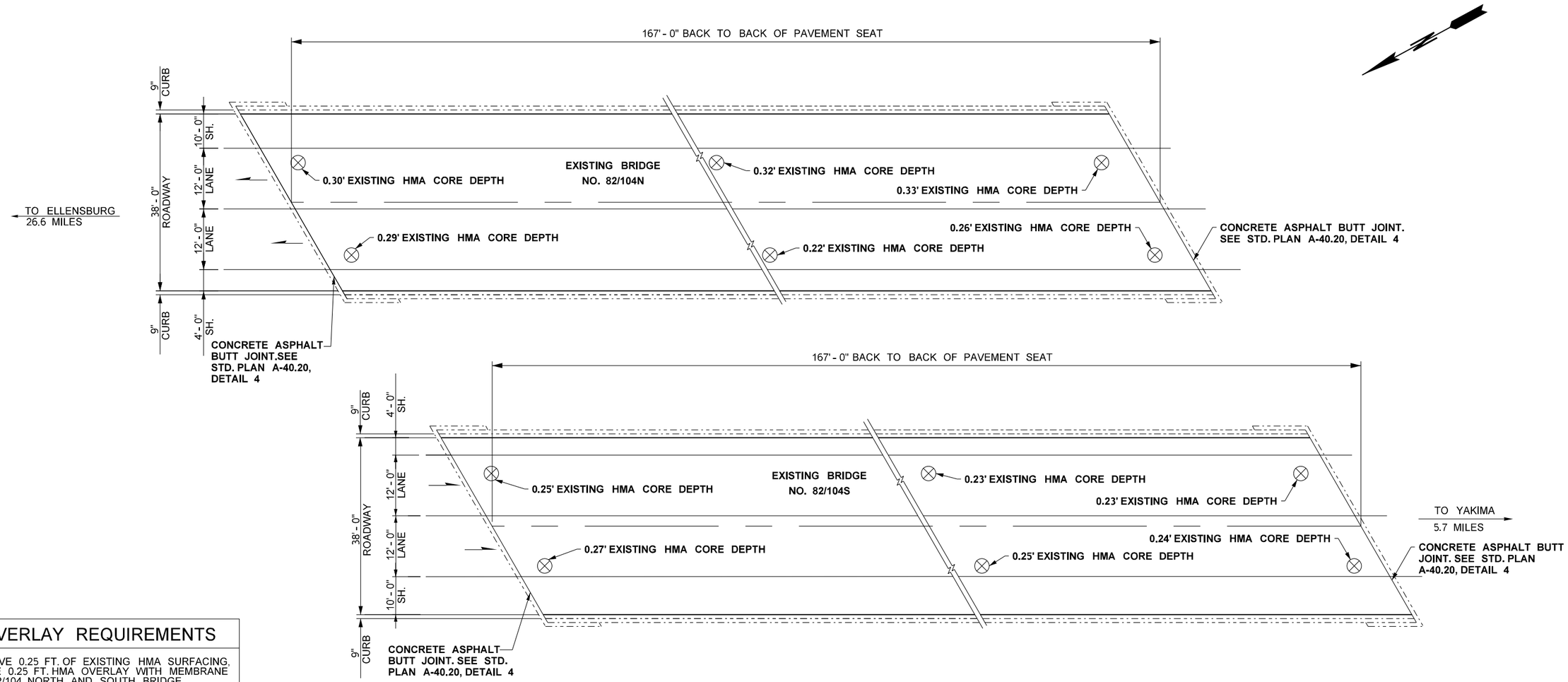
PAVING DETAILS

BRIDGE SHEET NO. BA5

SHEET 51 OF 91 SHEETS

Wed Apr 06 12:55:27 2022

SEC. 21, T.14N., R19.E., W.M.
YAKIMA COUNTY



PLAN

OVERLAY REQUIREMENTS

REMOVE 0.25 FT. OF EXISTING HMA SURFACING, PLACE 0.25 FT. HMA OVERLAY WITH MEMBRANE ON 82/104 NORTH AND SOUTH BRIDGE

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON ORIGINAL CONSTRUCTION RECORDS. ALL DIMENSIONS SHALL BE MEASURED AND VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.
3. SEE BRIDGE SHEETS BP1 AND BP2 FOR PAVEMENT REMOVAL AND PAVING TRAIN LOAD RESTRICTIONS

SR ____ FILE NO. ____ SHEET ____

Bridge Design Engr.	Khaleghi, B	
Supervisor	Rosa, M	
Designed By	Phillips, D	04/22
Checked By	Rosa, M	04/22
Detailed By	Rutschilling, TJ	04/22
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgeStrPlan\XL6285_PS_BR.dgn

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	NHPP-0821(095)		

JOB NUMBER 22Y008

P.E. STAMP BOX

DATE

BRIDGE AND STRUCTURES OFFICE

MICHAEL A. ROSA, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER

P.E. STAMP BOX

SEE SHEET CT1

DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

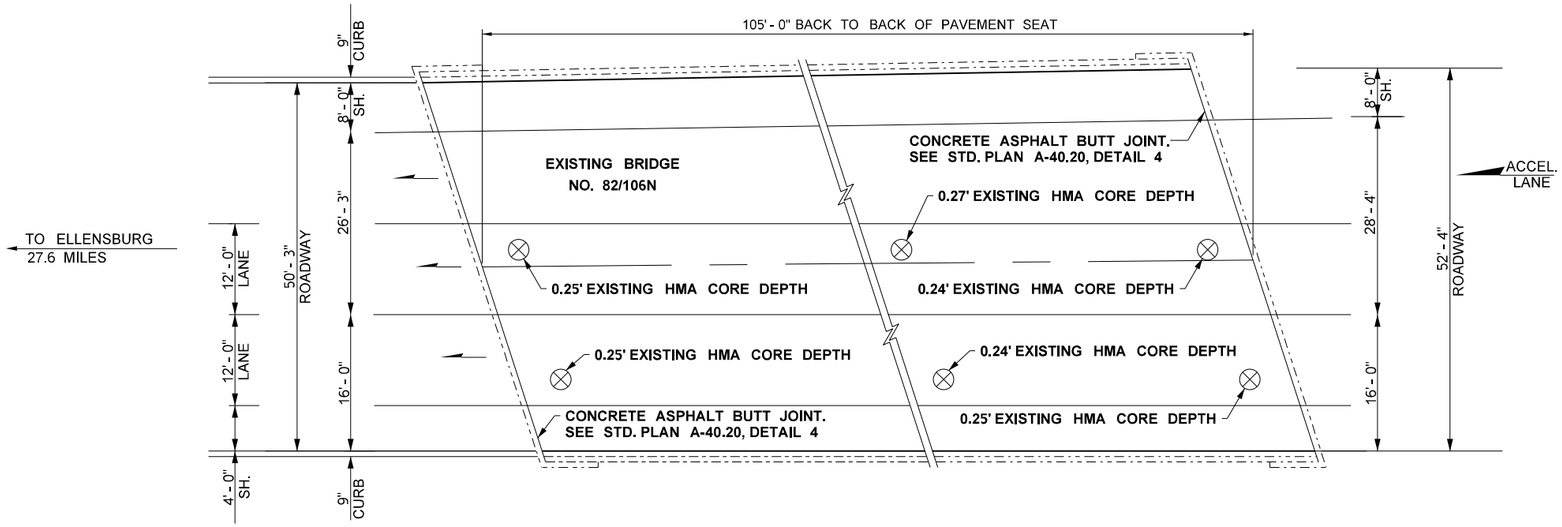
LAYOUT -
I-82 OVER E. POMONA BR. NO. 82/104 N & S

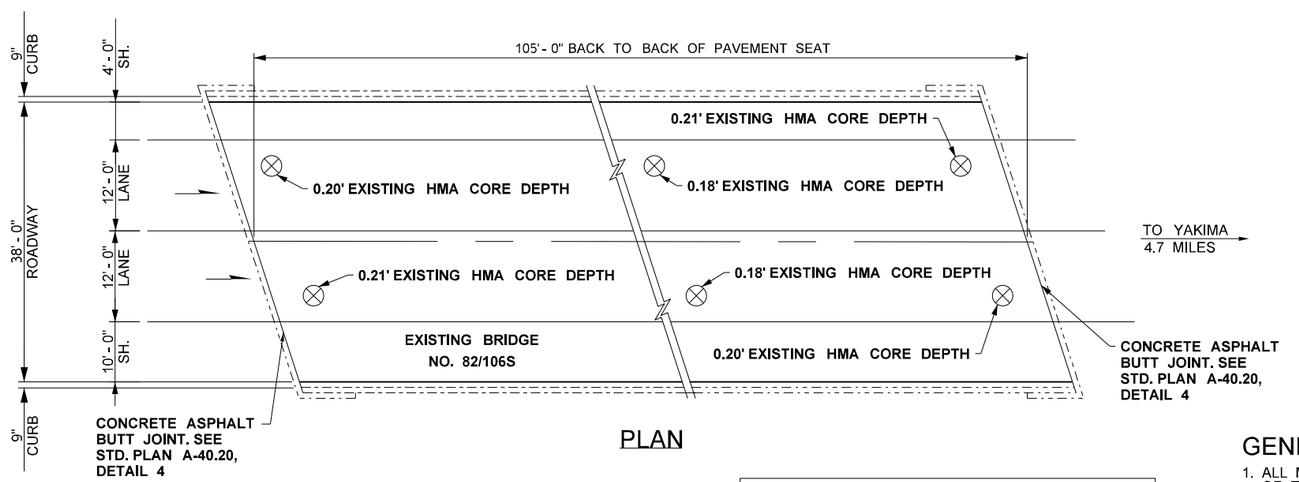
BRIDGE SHEET NO. BB1

SHEET 52 OF 91 SHEETS

4/12/2022 2:03:25 PM

SEC. 21, T.14N., R19.E., W.M.
YAKIMA COUNTY





PLAN

OVERLAY REQUIREMENTS

REMOVE 0.25 FT. OF EXISTING HMA SURFACING, PLACE 0.25 FT. HMA OVERLAY WITH MEMBRANE ON 82 / 106 NORTH AND SOUTH BRIDGE

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON ORIGINAL CONSTRUCTION RECORDS. ALL DIMENSIONS SHALL BE MEASURED AND VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.

Bridge Design Engr.	Khaleghi, B	
Supervisor	Rosa, M	
Designed By	Phillips, D	04/22
Checked By	Rosa, M	04/22
Detailed By	Rutschilling, TJ	04/22
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgeStrPlan\XL6285_PS_BR.dgn

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	NHPP-0821(095)		

JOB NUMBER 22Y008

P.E. STAMP BOX

DATE

BRIDGE AND STRUCTURES OFFICE

MICHAEL A. ROSA, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER

P.E. STAMP BOX

SEE SHEET CT1

DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

LAYOUT -
I-82 ROZA CANAL BR. NO. 82/106 N & S

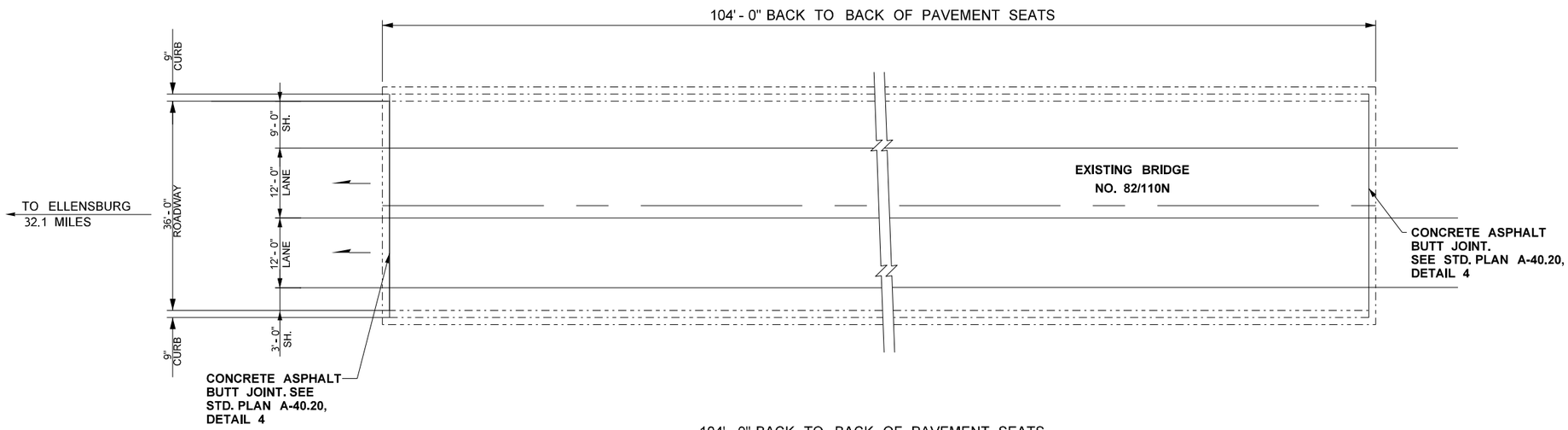
BRIDGE SHEET NO. BC1

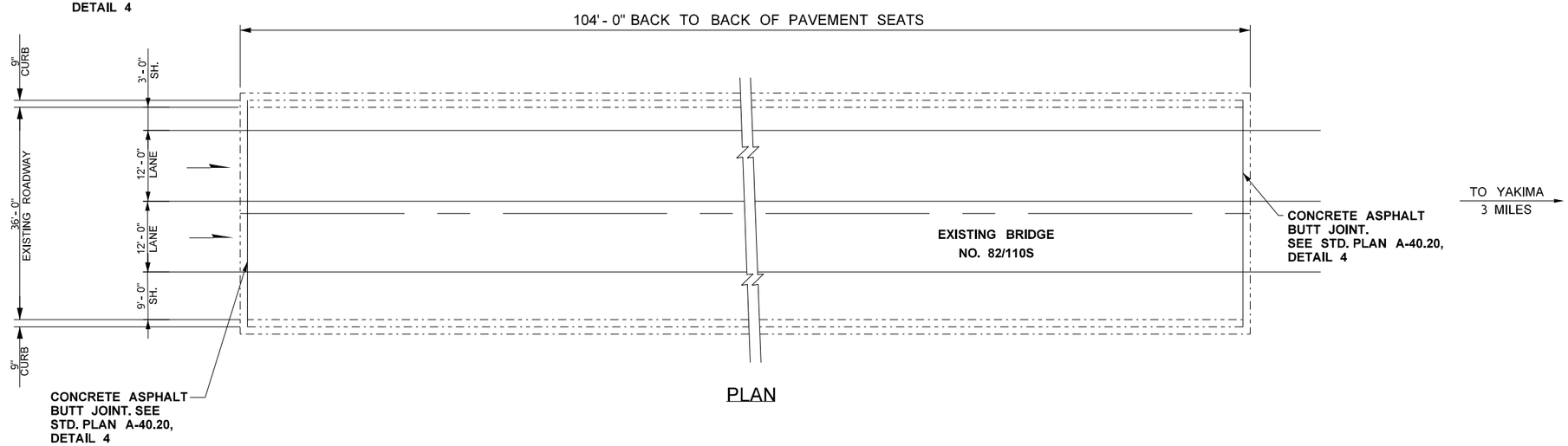
SHEET 53 OF 91 SHEETS

SR ____ FILE NO. ____ SHEET ____

4/12/2022 2:03:32 PM

SEC. 6, T.13N., R19.E., W.M.
YAKIMA COUNTY





PLAN

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON AS -BUILT PLANS. ALL RELEVANT DETAILS AND DIMENSIONS SHALL BE FIELD MEASURED AND VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.

SR FILE NO. ____ SHEET ____

Bridge Design Engr.	Khaleghi, B	
Supervisor	Rosa, M	
Designed By	Phillips, D	04/22
Checked By	Rosa, M	04/22
Detailed By	Rutschilling, TJ	04/22
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgeStrPlan\XL6285_PS_BR.dgn

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				

P.E. STAMP BOX

DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX

MICHAEL A. ROSS, STATE OF WASHINGTON, 43707, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

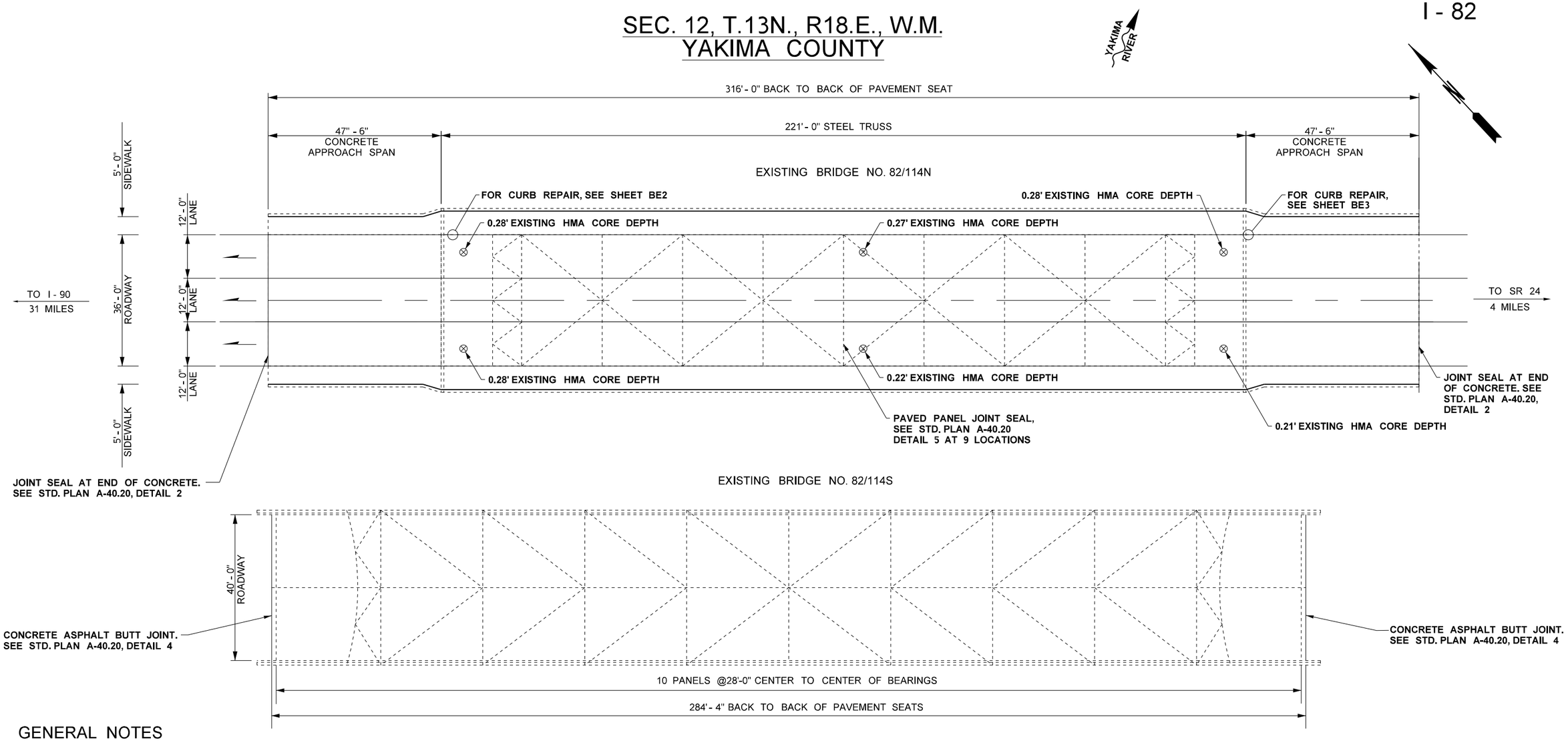
LAYOUT -
I-82 OVER EAST SELAH BR. NO. 82/110 N & S

BRIDGE SHEET NO. **BD1**

SHEET 54 OF 91 SHEETS

4/12/2022 2:03:38 PM

SEC. 12, T.13N., R18.E., W.M.
YAKIMA COUNTY



GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS.
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON ORIGINAL CONSTRUCTION RECORDS. ALL DIMENSIONS SHALL BE MEASURED AND VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.
3. SEE BRIDGE SHEETS BP1 AND BP2 FOR PAVEMENT REMOVAL AND PAVING TRAIN LOAD RESTRICTIONS.
4. ALL CAST IN PLACE CONCRETE SHALL BE CLASS 4000.
5. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.

PLAN

OVERLAY REQUIREMENTS

REMOVE 0.25 FT. OF EXISTING HMA SURFACING, PLACE 0.25 FT. HMA OVERLAY WITH MEMBRANE ON 82 / 114 NORTH BRIDGE ONLY

SR ____ FILE NO. ____ SHEET ____

Bridge Design Engr.	Khaleghi, B	
Supervisor	Rosa, M	
Designed By	Phillips, D	04/22
Checked By	Rosa, M	04/22
Detailed By	Rutschilling, TJ	04/22
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgestrPlan\XL6285_PS_BR.dgn

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	NHPP-0821(095)		
JOB NUMBER 22Y008				

P.E. STAMP BOX — DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — SEE SHEET CT1 — DATE

Washington State Department of Transportation

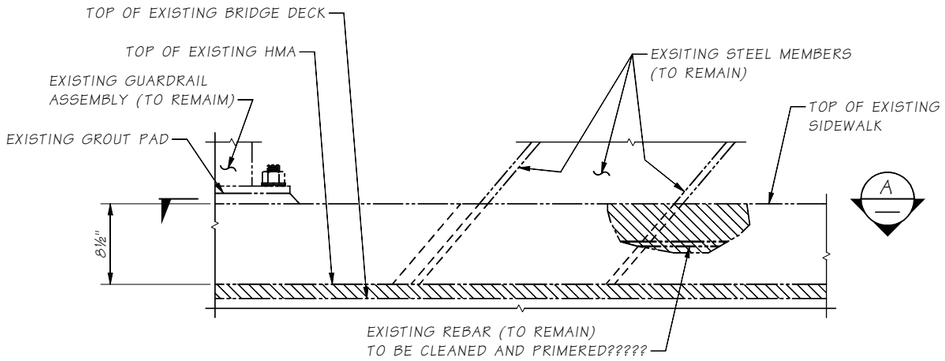
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

LAYOUT -
YAKIMA RIVER BR. NO. 82/114 N & S

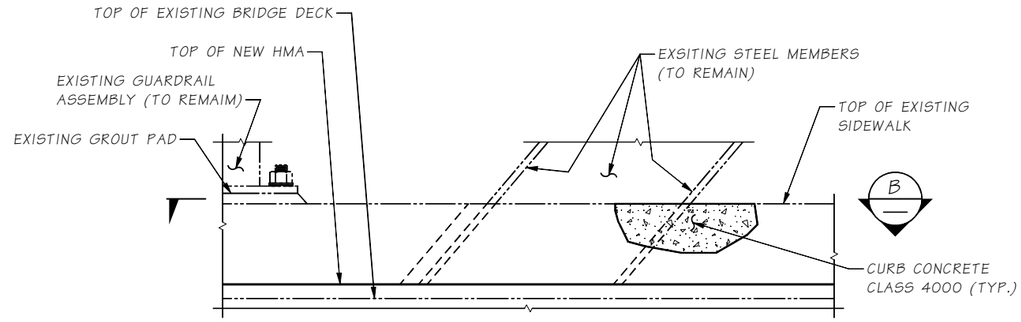
BRIDGE SHEET NO. BE1

SHEET 55 OF 91 SHEETS

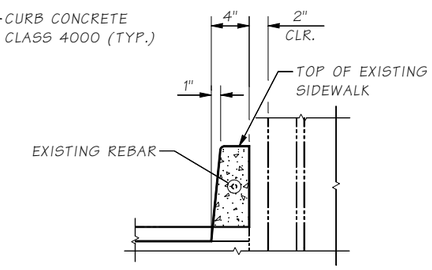
4/12/2022 2:03:44 PM



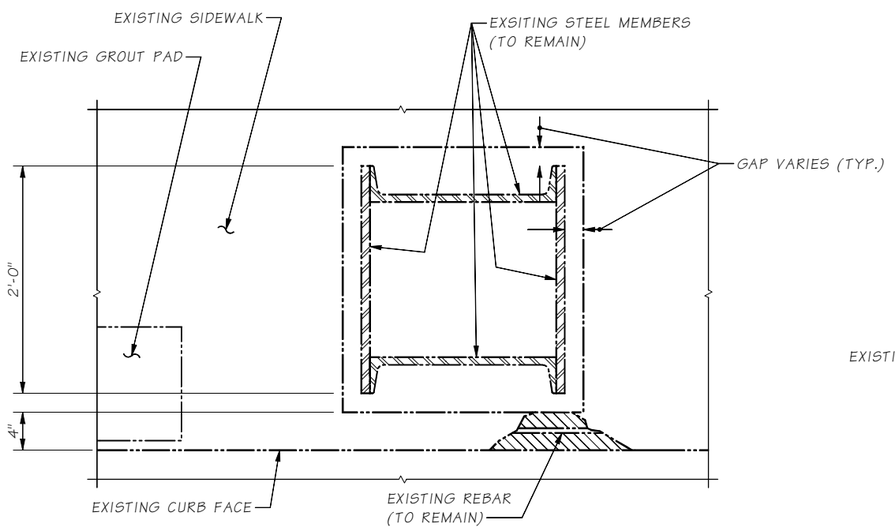
ELEVATION
CURB DETAILS
EXISTING CONDITION



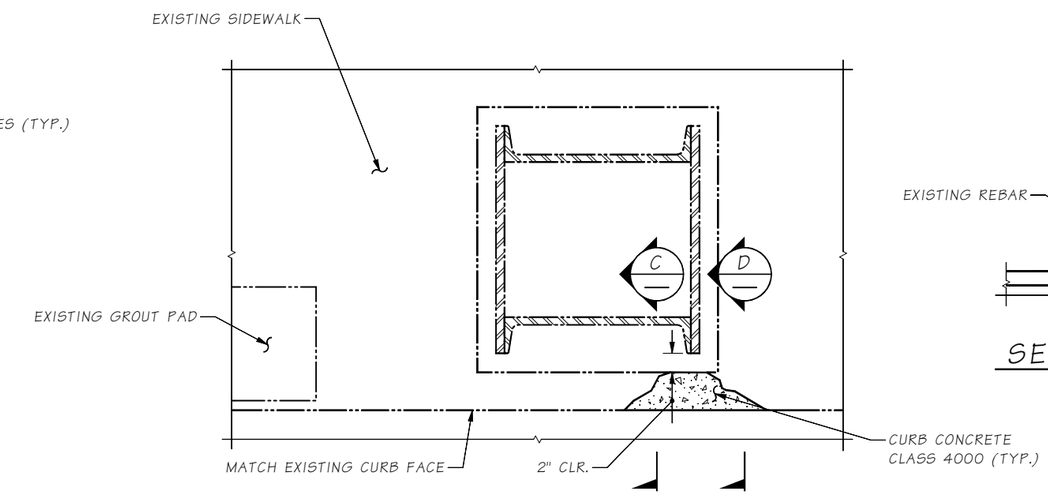
ELEVATION
CURB DETAILS
MODIFIED CONDITION



SECTION C

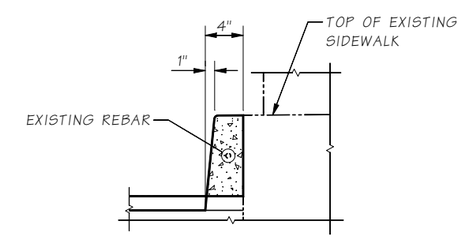


SECTION A
EXISTING CONDITION



SECTION B

FOR CALLOUTS AND DIMENSIONS NOT SHOWN, SEE SECTION A



SECTION D

LEGEND

B — IDENTIFIES SECTION OR VIEW
— TAKEN OR SHOWN ON THE SAME SHEET

HATCHING DENOTES DAMAGED AND REPAIR AREA

NOTE:

ALL DIMENSIONS NOTED SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B	
Supervisor	ROSA, MA	
Designed By	PHILLIPS, D	09/21
Checked By	ROSA, MA	09/21
Detailed By	PHILLIPS, D	09/21
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\BR82-114N Curb Repair .MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			

JOB NUMBER 22Y008
CONTRACT NO.

P.E. STAMP BOX
MICHAEL A. ROSA — STATE OF WASHINGTON — 43707 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BIJAN KHALEGHI — STATE OF WASHINGTON — 27695 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

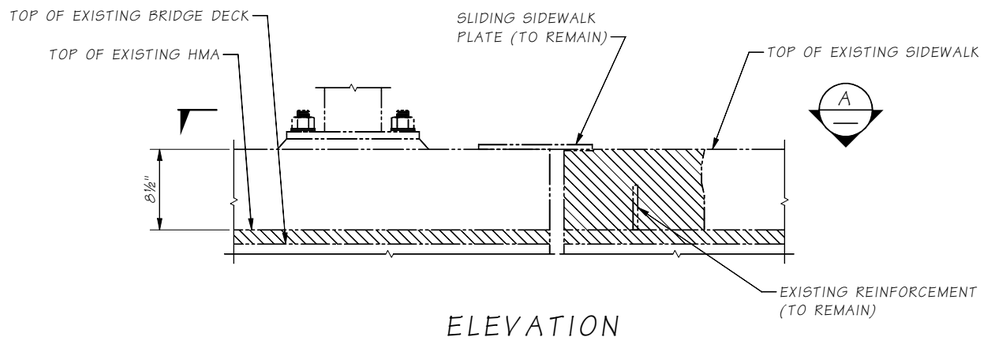
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
YAKIMA RIVER BRIDGE NO. 82/114N

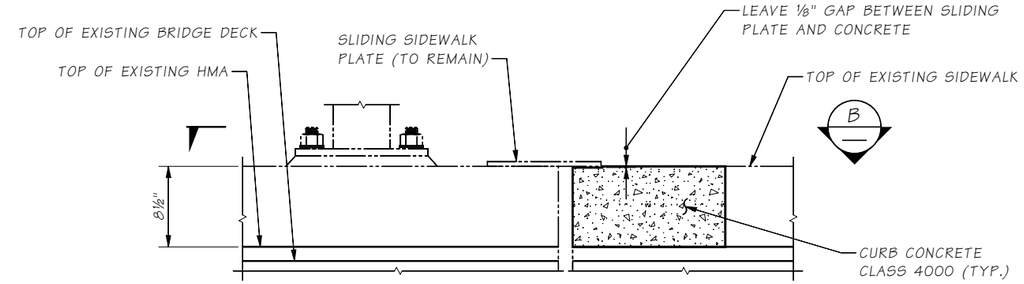
CURB REPAIR DETAILS

BRIDGE SHEET NO. BE2
SHEET 56 OF 91 SHEETS

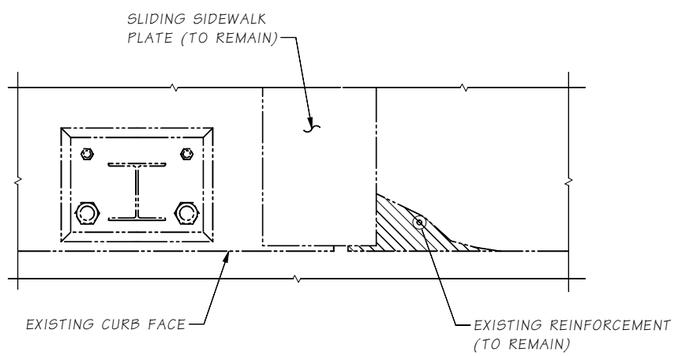
Wed Apr 06 12:55:45 2022



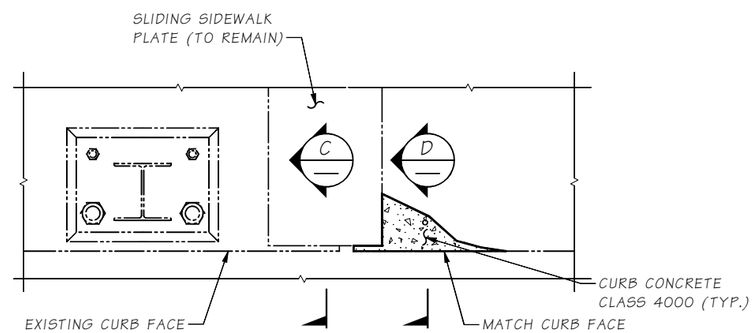
ELEVATION
SLIDING PLATE REPAIR DETAILS
EXISTING CONDITION



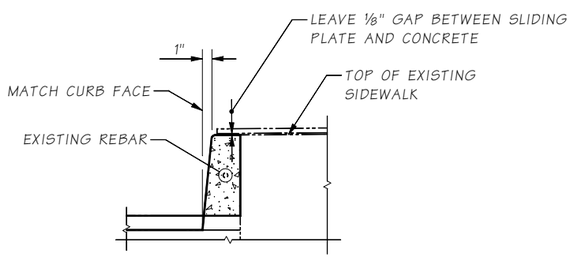
ELEVATION
SLIDING PLATE REPAIR DETAILS
EXISTING CONDITION



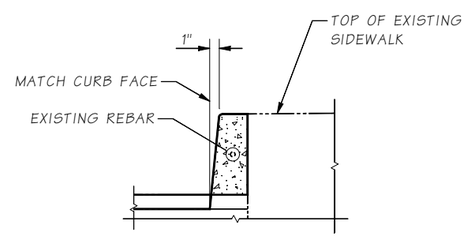
SECTION A
EXISTING CONDITION



SECTION B
EXISTING CONDITION



SECTION C



SECTION D

LEGEND

B — IDENTIFIES SECTION OR VIEW
— TAKEN OR SHOWN ON THE SAME SHEET

HATCHING DENOTES DAMAGED AND REPAIR AREA

NOTE:
ALL DIMENSIONS NOTED SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.

Bridge Design Engr.	Khaleghi, B				
Supervisor	ROSA, MA				
Designed By	PHILLIPS, D	09/21			
Checked By	ROSA, MA	09/21			
Detailed By	PHILLIPS, D	09/21			
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist					

M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Sliding Plate Repair.MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX
MICHAEL A. ROSA — STATE OF WASHINGTON — 43707 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BIJAN KHALEGHI — STATE OF WASHINGTON — 27000 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
YAKIMA RIVER BRIDGE NO. 82/114N

CURB REPAIR DETAILS

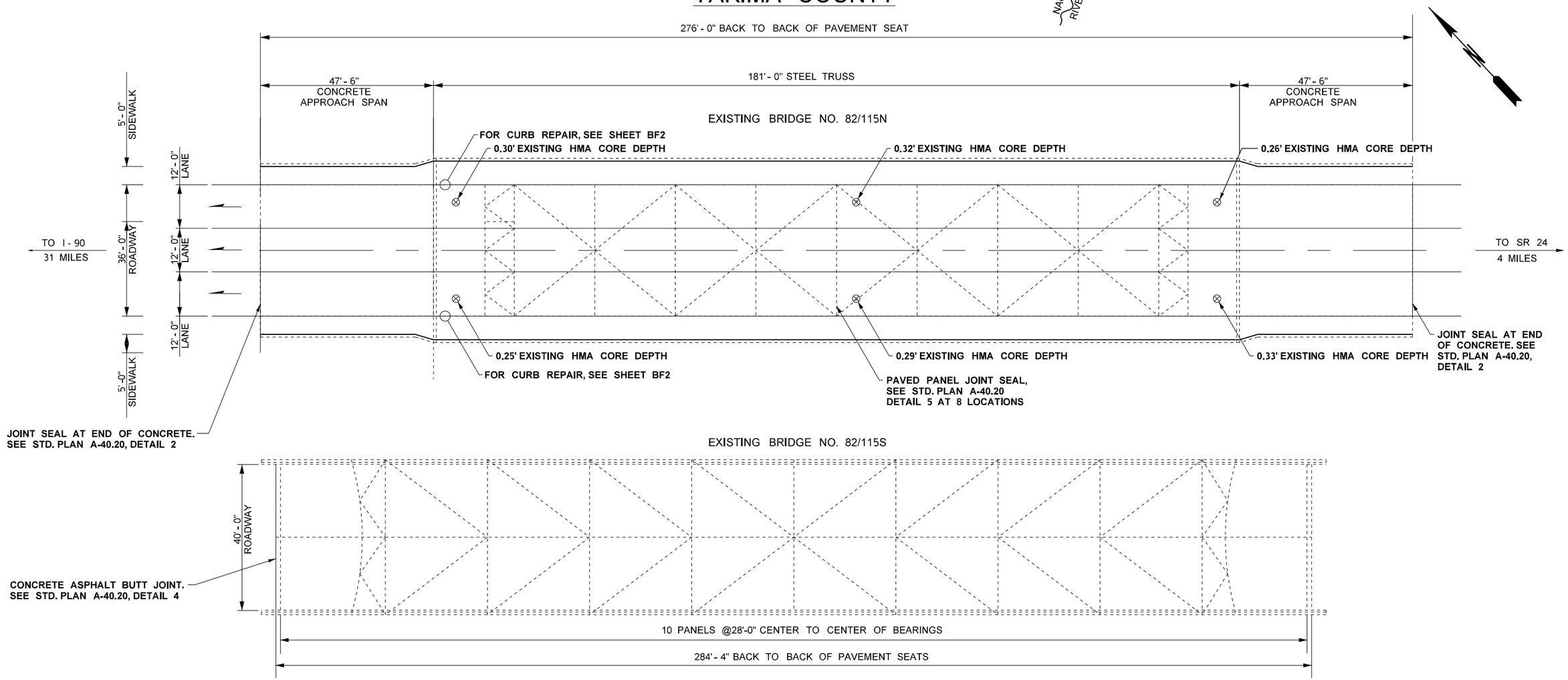
BRIDGE SHEET NO. BE3

SHEET 57 OF 91 SHEETS

SR ??? FILE NO. ___ Job ___ SHEET BR??

Wed Apr 06 12:56:03 2022

SEC. 12, T.13N., R18.E., W.M.
YAKIMA COUNTY



PLAN

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022, AND AMENDMENTS.
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON ORIGINAL CONSTRUCTION RECORDS. ALL DIMENSIONS SHALL BE MEASURED AND VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO ORDERING MATERIALS.
3. SEE BRIDGE SHEETS BP1 AND BP2 FOR PAVEMENT REMOVAL AND PAVING TRAIN LOAD RESTRICTIONS.
4. ALL CAST IN PLACE CONCRETE SHALL BE CLASS 4000.
5. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.

OVERLAY REQUIREMENTS

REMOVE 0.25 FT. OF EXISTING HMA SURFACING, PLACE 0.25 FT. HMA OVERLAY WITH MEMBRANE ON 82 / 115 NORTH BRIDGE ONLY

Bridge Design Engr.	Khaleghi, B	
Supervisor	Rosa, M	
Designed By	Phillips, D	04/22
Checked By	Rosa, M	04/22
Detailed By	Rutschilling, TJ	04/22
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\390-BridgeStrPlan\XL6285_PS_BR.dgn

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	NHPP-0821(095)		
JOB NUMBER 22Y008				

P.E. STAMP BOX

DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
MICHAEL A. ROSA
STATE OF WASHINGTON
43707
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

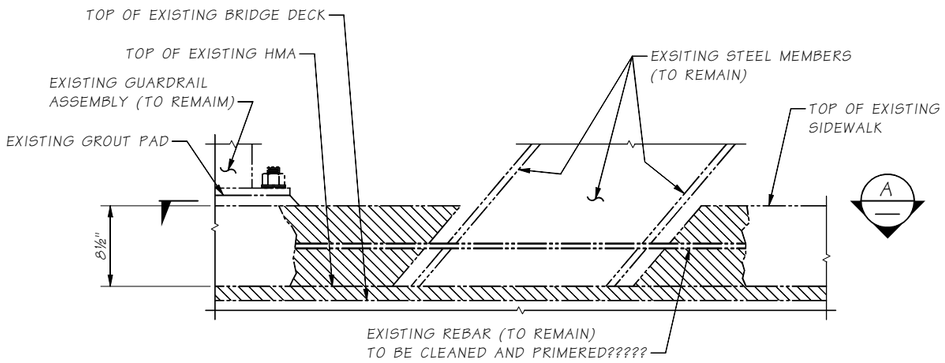
LAYOUT -
NACHES RIVER BR. NO. 82/115 N & S

BRIDGE SHEET NO. BF1

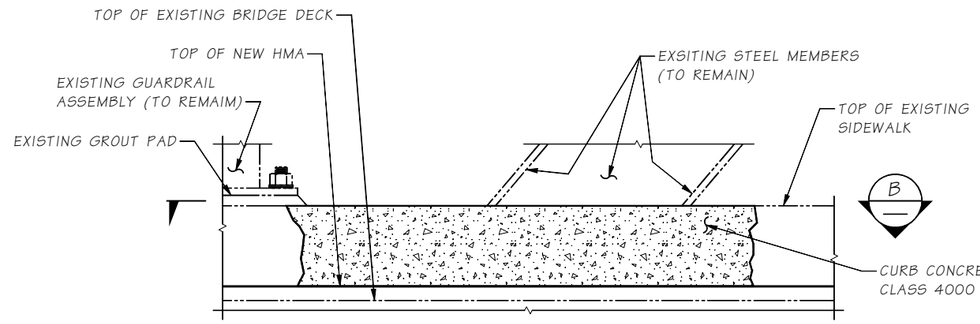
SHEET 58 OF 91 SHEETS

4/12/2022 2:03:53 PM

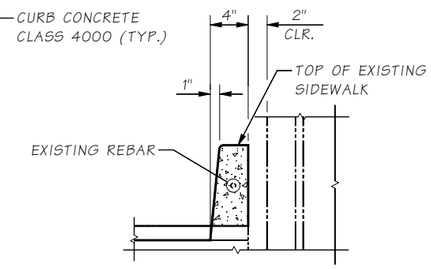
SR FILE NO. SHEET



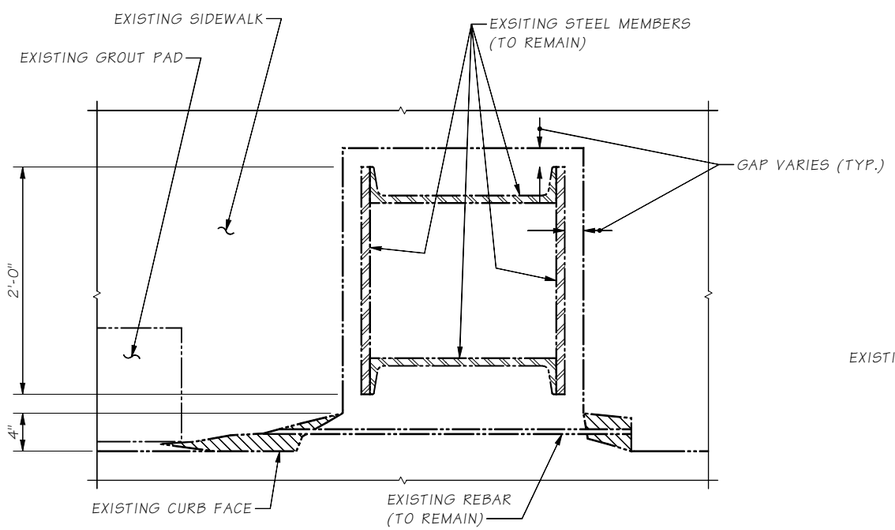
ELEVATION
CURB DETAILS
EXISTING CONDITION



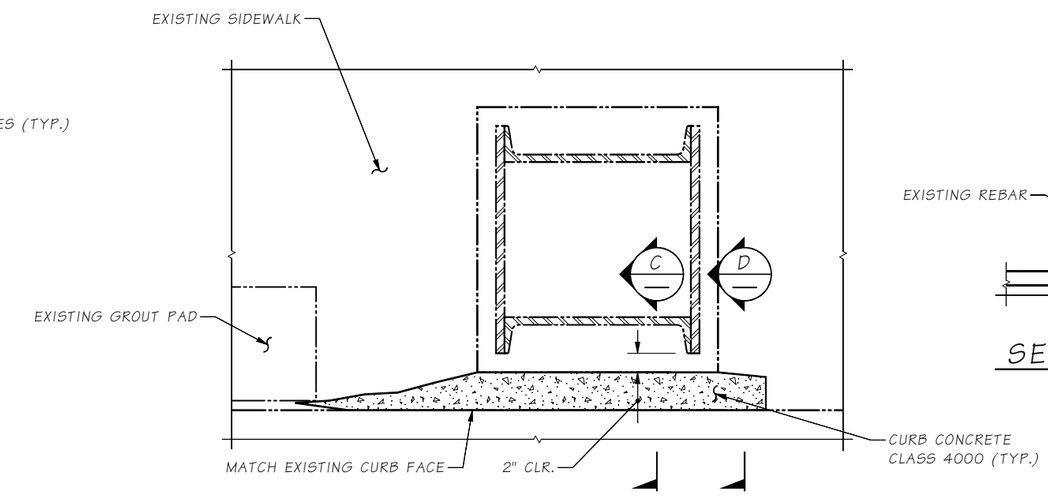
ELEVATION
CURB DETAILS
MODIFIED CONDITION



SECTION C

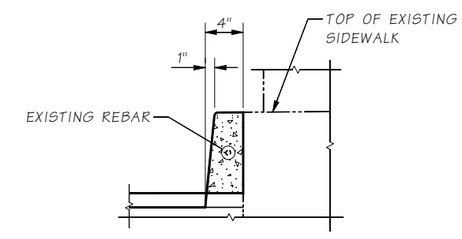


SECTION A
EXISTING CONDITION



SECTION B

FOR CALLOUTS AND DIMENSIONS NOT SHOWN, SEE SECTION A



SECTION D

LEGEND

B — IDENTIFIES SECTION OR VIEW
— TAKEN OR SHOWN ON THE SAME SHEET

HATCHING DENOTES DAMAGED AND REPAIR AREA

NOTE:

ALL DIMENSIONS NOTED SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B	
Supervisor	ROSA, MA	
Designed By	PHILLIPS, D	09/21
Checked By	ROSA, MA	09/21
Detailed By	PHILLIPS, D	09/21
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\BR82-115N Curb Repair.MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			

JOB NUMBER 22Y008
CONTRACT NO.

P.E. STAMP BOX
MICHAEL A. ROSA — STATE OF WASHINGTON — 43707 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BIJAN KHALEGHI — STATE OF WASHINGTON — 27695 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR
NACHES RIVER BRIDGE NO. 82/115N

CURB REPAIR DETAILS

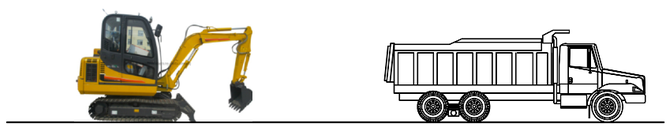
BRIDGE SHEET NO. BF2
SHEET 59 OF 91 SHEETS

Wed Apr 06 12:58:40 2022

BITUMINOUS PAVEMENT REMOVAL NOTES:

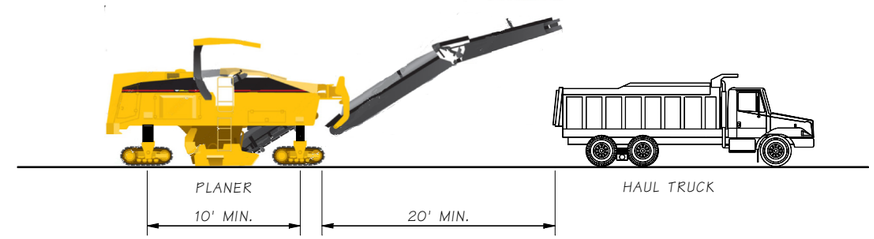
1. DURING BITUMINOUS PAVEMENT REMOVAL WORK ON BRIDGES, CONSTRUCTION LOADS ON THE BRIDGE SHALL BE RESTRICTED TO THE SPECIFIED BITUMINOUS PAVEMENT REMOVAL TRAINS. ONLY ONE REMOVAL TRAIN IS ALLOWED ON A BRIDGE AT A TIME.

2. ALL SPECIFIED MAXIMUM GROSS WEIGHTS ARE THE EQUIPMENTS FULLY LOADED WEIGHT.



BRIDGE NO.	SCRAPER/ NON-ROTARY EQUIPMENT	HAUL TRUCK
	MAX. GROSS WT. (LBS)	MAX. GROSS WT. (LBS)
82/104N	34,000	50,000
82/104S	34,000	50,000
82/114N	34,000	50,000
82/115N	34,000	50,000

BITUMINOUS PAVEMENT REMOVAL TRAIN - NO PLANER



BRIDGE NO.	ROTARY MILLIING/ PLANING EQUIPMENT	HAUL TRUCK	FULL DEPTH PLANING ALLOWED?
	MAX. GROSS WT. (LBS)	MAX. GROSS WT. (LBS)	
82/104N	50,000	50,000	YES
82/104S	50,000	50,000	YES
82/114N	50,000	50,000	NO
82/115N	50,000	50,000	NO

PAVEMENT REMOVAL TRAIN - PLANER

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B	M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Removal.MAN			
Supervisor	ROSA, MA				
Designed By	PHILLIPS, D 09/21				
Checked By	ROSA, MA 09/21				
Detailed By	PHILLIPS, D 09/21				
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist		DATE	REVISION	BY	APPD

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22Y008				
CONTRACT NO.				

P.E. STAMP BOX
MICHAEL A. ROSA
STATE OF WASHINGTON 43707 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BEHAN KHALEGHI
STATE OF WASHINGTON 27696 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

BRIDGE CONSTR. LOAD RESTRICTION
HMA PAVING

BRIDGE SHEET NO. BP1

SHEET 60 OF 91 SHEETS

Wed Apr 06 12:59:09 2022

BRIDGE HMA PAVING NOTES:

1. DURING HMA PAVING WORK ON BRIDGES, CONSTRUCTION LOADS ON THE BRIDGE SHALL BE RESTRICTED TO THE SPECIFIED HMA PAVING TRAINS. ONLY ONE HMA PAVING TRAIN IS ALLOWED ON A BRIDGE AT A TIME.

2. THE USE OF MTV'S AND/OR WINDROWS IN NOT ALLOWED.

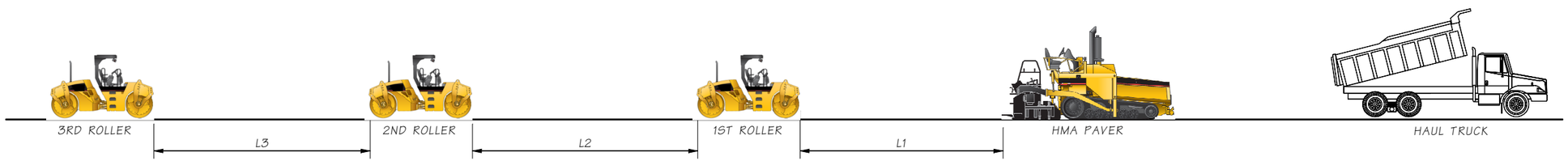
3. HAUL TRUCKS SHALL REMAIN OFF OF BRIDGES 82/104N, 82/104S, AND 82/114N UNTIL THE HMA PAVER HOPPER IS NEARLY EMPTY. WHEN THE HMA PAVER HOPPER IS NEARLY EMPTY, THE HAUL TRUCK MAY BACK UP TO THE HMA PAVER AND LOAD THE HOPPER. ONCE THE HOPPER IS LOADED, THE EMPTY HAUL TRUCK SHALL MOVE OFF OF BRIDGES 82/104N, 82/104S, AND 82/114N.

4. ADDITIONAL ROLLERS MAY BE USED BEHIND THE 3RD ROLLER. ADDITIONAL ROLLERS SHALL MEET THE REQUIREMENTS FOR THE 3RD ROLLER, AND SHALL BE SPACED AT LEAST L3 FT. APART.

5. ALL SPECIFIED MAXIMUM GROSS WEIGHTS ARE THE EQUIPMENTS FULLY LOADED WEIGHT. EXAMPLE: THE HMA PAVER WEIGHT = HMA PAVING MACHINE OPERATING WEIGHT + SCREED WEIGHT + WT. OF HMA IN THE HOPPER.

6. WHEN THE CAPACITY OF THE PROPOSED HMA PAVER OR HAUL TRUCK EXCEEDS THE MAXIMUM WEIGHT ALLOWED IN THE HMA PAVING TRAIN, THE CONTRACTOR SHALL SUBMIT A PAVING LOAD CONTROL PLAN TO THE ENGINEER AS TYPE 2 WORKING DRAWINGS. THE PAVING LOAD CONTROL PLAN SHALL INCLUDE CONTRACTOR'S MEANS, METHODS AND QUALITY CONTROL PLAN TO PREVENT THE MAXIMUM EQUIPMENT WEIGHTS FROM BEING EXCEEDED.

7. DISTANCES (L#) IS THE DISTANCE BETWEEN VEHICLE AXLES.



BRIDGE NO.	3RD ROLLER	L3	2ND ROLLER	L2	1ST ROLLER	L1	HMA PAVER	HAUL TRUCK
	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MAX. GROSS VEHICLE WT. (LBS.)
82/104N	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000
82/104S	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000
82/114N	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000
82/115N	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000

HMA PAVING TRAIN

SR ??? FILE NO. Job SHEET BR??

Bridge Design Engr.	Khaleghi, B	
Supervisor	ROSA, MA	
Designed By	PHILLIPS, D	09/21
Checked By	ROSA, MA	09/21
Detailed By	PHILLIPS, D	09/21
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\W-Team\I-82 Selah Creek to Yakima Vicinity Paving\Paving.MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			

JOB NUMBER 22Y008

CONTRACT NO.

P.E. STAMP BOX — MICHAEL A. ROSA — STATE OF WASHINGTON — 48707 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — BIJAN KHALEGHI — STATE OF WASHINGTON — 27000 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

Washington State Department of Transportation

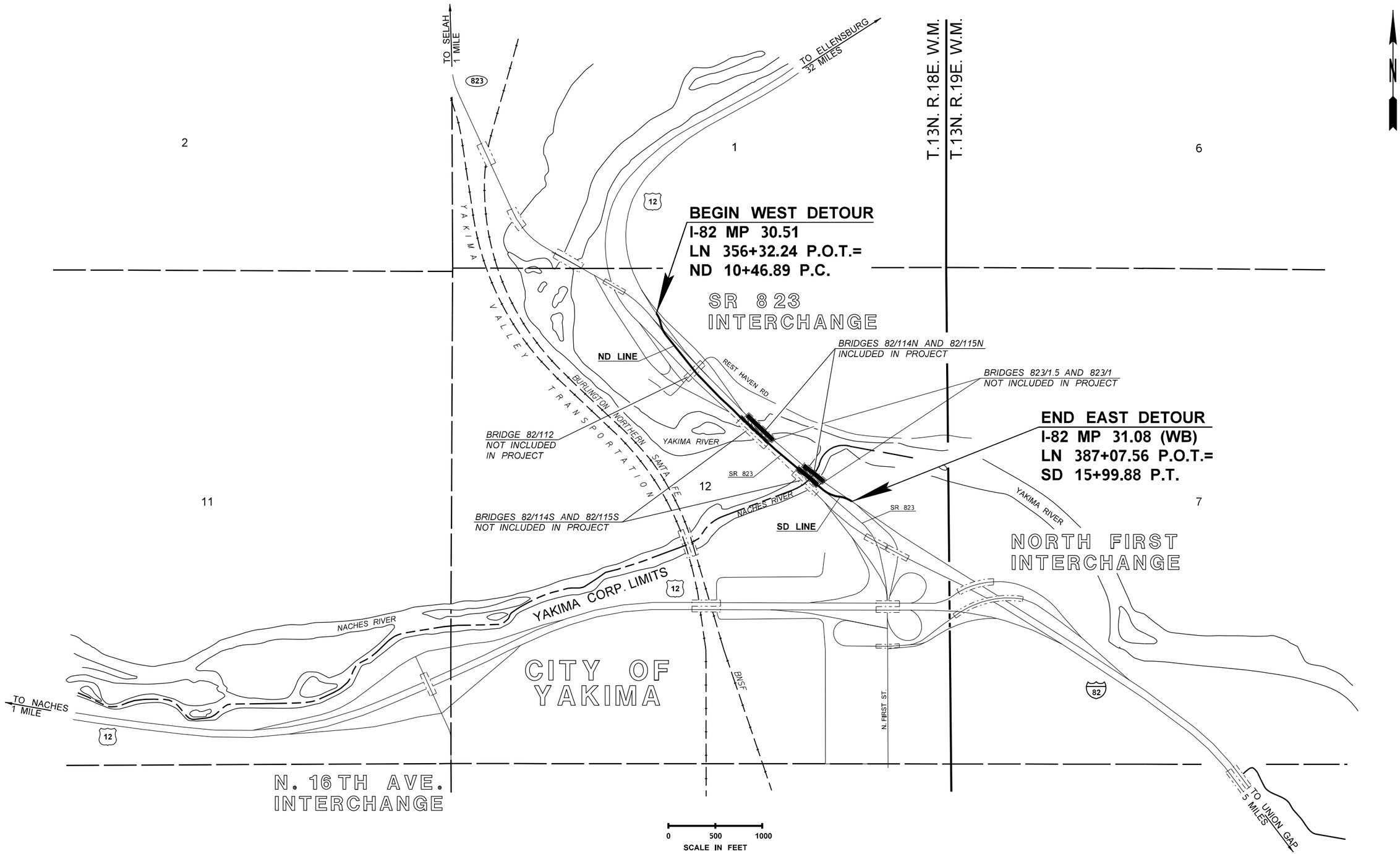
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

BRIDGE CONSTR. LOAD RESTRICTION
HMA PAVING

BRIDGE SHEET NO. BP2

SHEET 61 OF 91 SHEETS

Wed Apr 06 12:59:29 2022



FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\020-Vicinity\XL6285_PS_VM_D.dgn								
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DATE	4/5/2022				10	WASH	NHPP-0821(095)		
PLOTTED BY	kolzowa				JOB NUMBER				
DESIGNED BY	T. RUTSCHILLING				22Y008				
ENTERED BY	S. BOURQUE				CONTRACT NO.		LOCATION NO.		
CHECKED BY	J. TRUDEAU								
PROJ. ENGR.	A. BYRD								
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY					

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

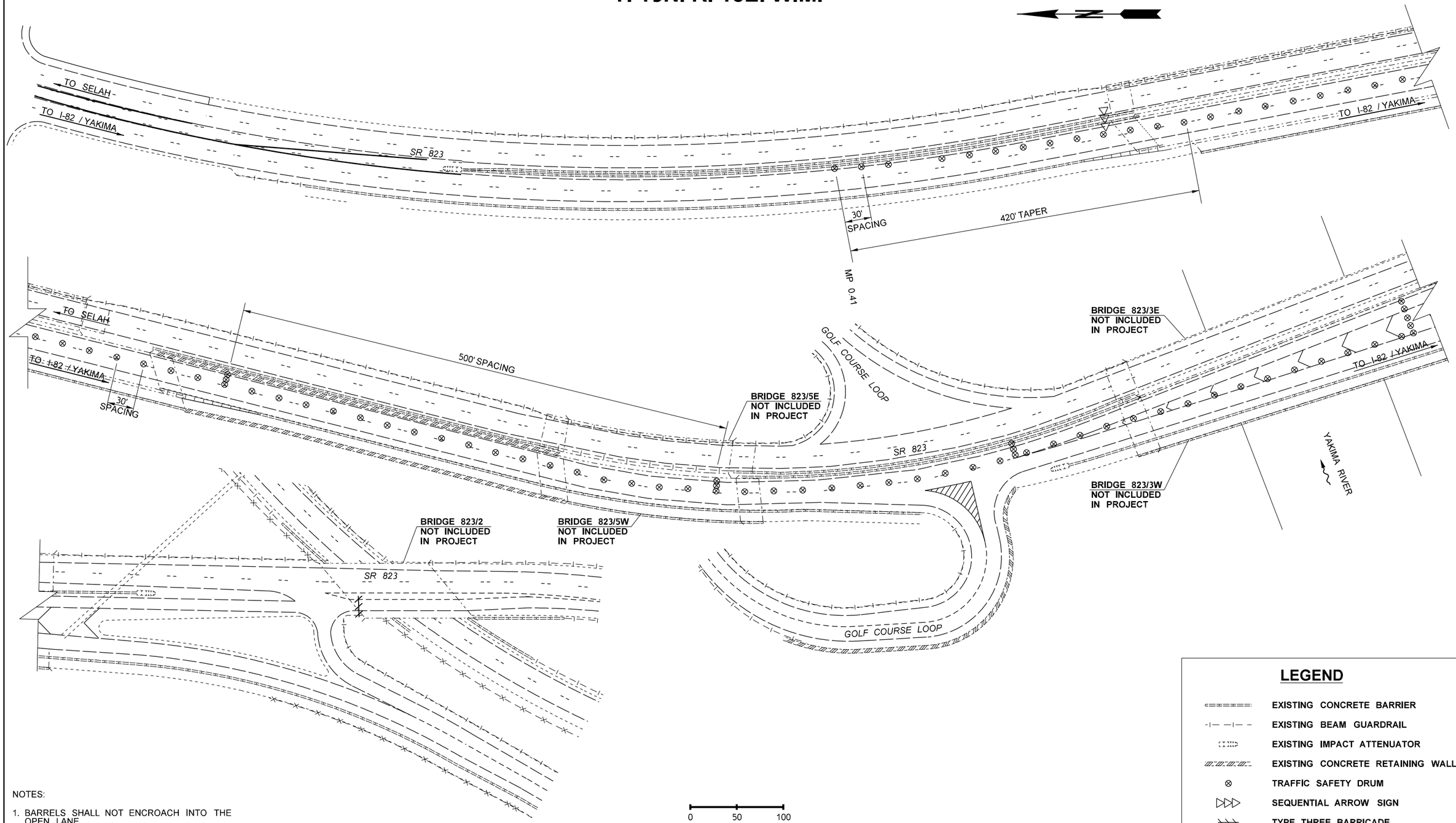
Washington State
Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR VICINITY MAP

Plot 1
PLAN REF NO
DVM1
SHEET
62
OF
91
SHEETS

T. 13N. R. 18E. W.M.



LEGEND

	EXISTING CONCRETE BARRIER
	EXISTING BEAM GUARDRAIL
	EXISTING IMPACT ATTENUATOR
	EXISTING CONCRETE RETAINING WALL
⊗	TRAFFIC SAFETY DRUM
▷▷▷	SEQUENTIAL ARROW SIGN
	TYPE THREE BARRICADE

NOTES:

1. BARRELS SHALL NOT ENCROACH INTO THE OPEN LANE.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\420-DetourPlan\XL6285_PS_CH_D.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
TIME	1:56:50 PM				JOB NUMBER 22Y008		
DATE	4/11/2022				CONTRACT NO.		LOCATION NO.
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	S. BOURQUE						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD — STATE OF WASHINGTON — 29853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-82

SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

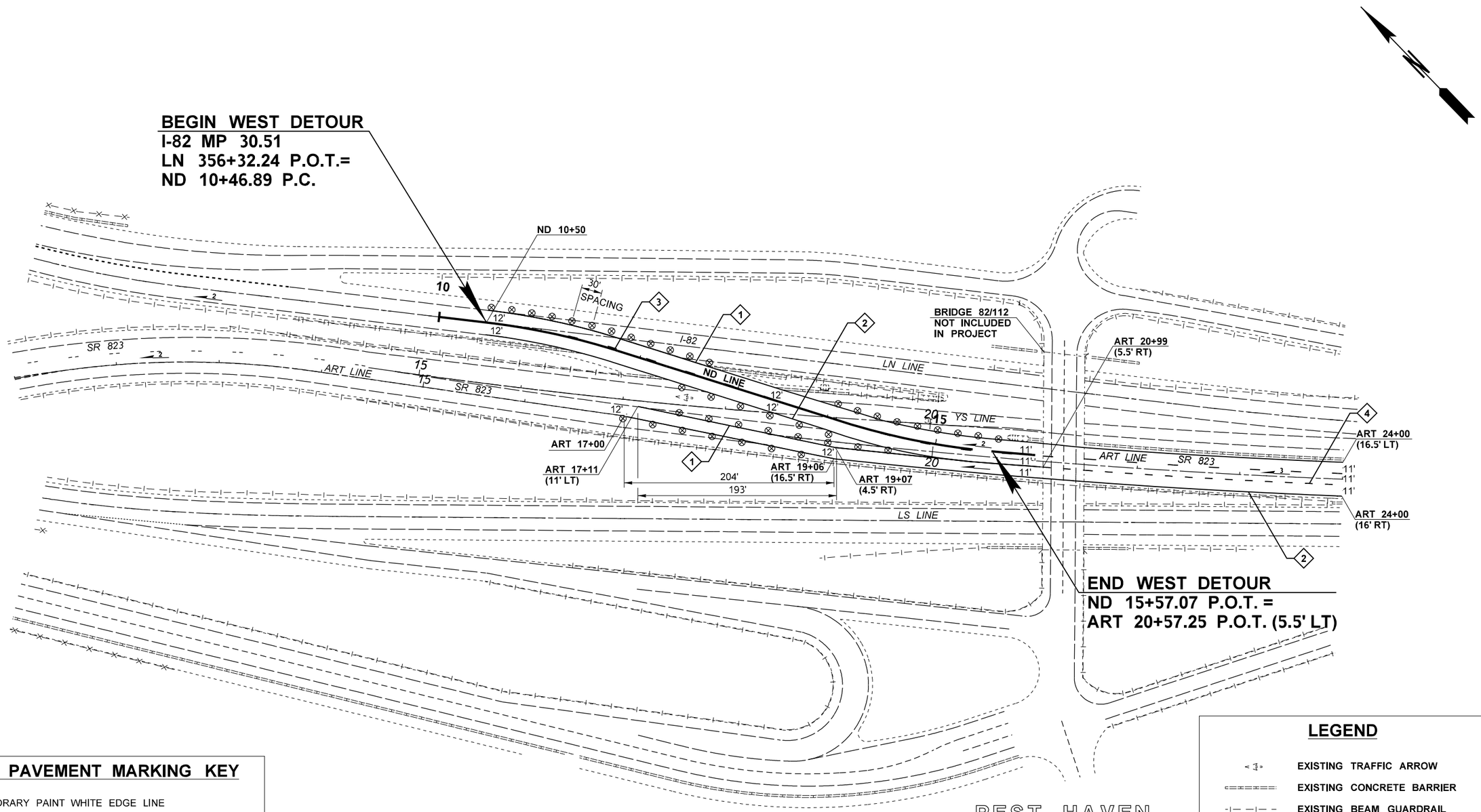
DETOUR PAVEMENT MARKING & TRAFFIC CONTROL PLAN

Plot 4

PLAN REF NO DMK1

SHEET 63 OF 91 SHEETS

T. 13N. R. 18E. W.M.



DETOUR PAVEMENT MARKING KEY

1. TEMPORARY PAINT WHITE EDGE LINE
2. TEMPORARY PAINT YELLOW EDGE LINE
3. TEMPORARY PAINT WHITE LANE LINE
4. TEMPORARY PAINT DROP LANE LINE

LEGEND

- EXISTING TRAFFIC ARROW
- EXISTING CONCRETE BARRIER
- EXISTING BEAM GUARDRAIL
- EXISTING IMPACT ATTENUATOR
- TRAFFIC SAFETY DRUM
- CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\420-DetourPlan\XL6285_PS_CH_D.dgn
TIME	1:56:16 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 29833 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

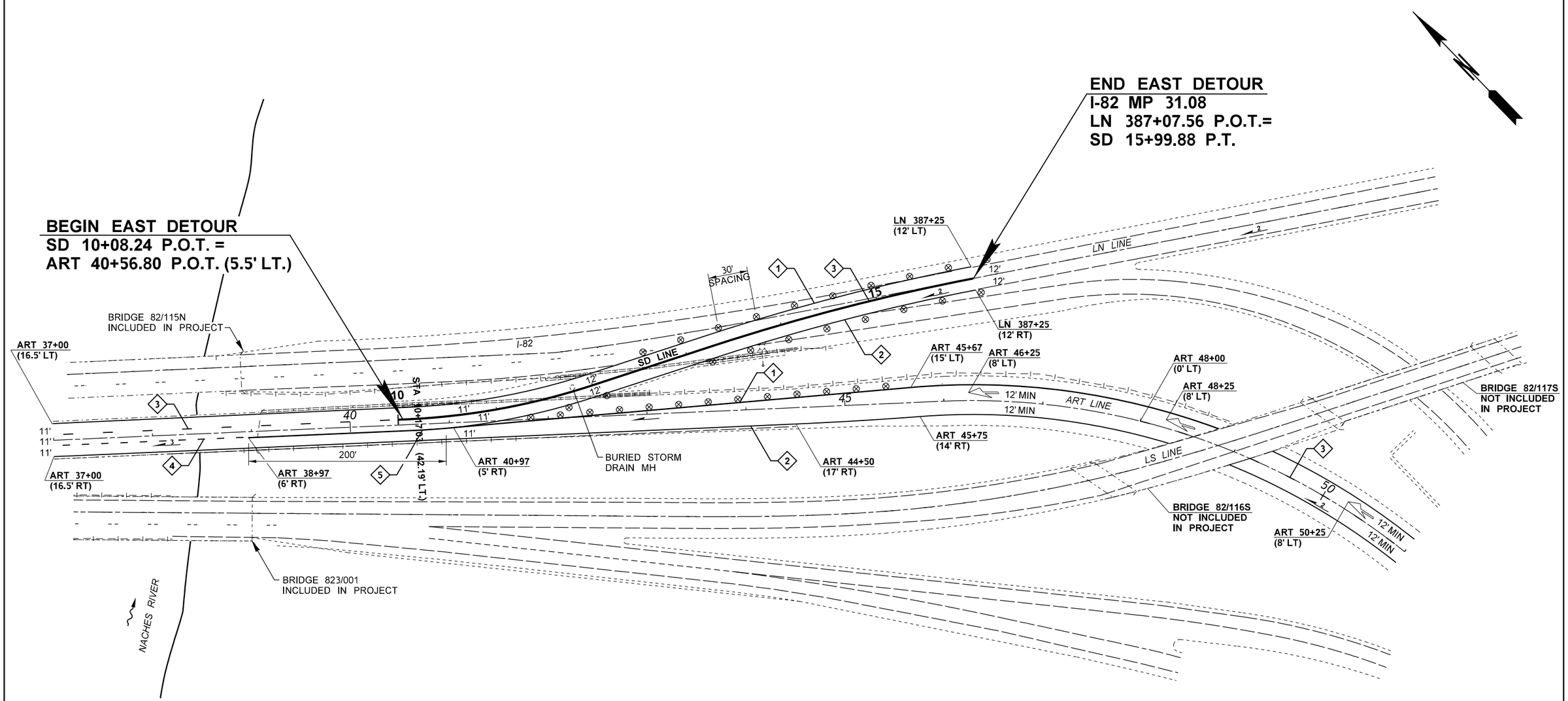
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR PAVEMENT MARKING &
TRAFFIC CONTROL PLAN

Plot 1
PLAN REF NO
DMK2

SHEET 64 OF 91 SHEETS

T. 13N. R. 18E. W.M.



DETOUR PAVEMENT MARKING KEY

1. TEMPORARY PAINT WHITE EDGE LINE
2. TEMPORARY PAINT YELLOW EDGE LINE
3. TEMPORARY PAINT WHITE LANE LINE
4. TEMPORARY PAINT DROP LANE LINE
5. TEMPORARY PAINT WIDE LINE

0 50 100
SCALE IN FEET

LEGEND

- EXISTING CONCRETE BARRIER
- EXISTING BEAM GUARDRAIL
- EXISTING LIGHT POLE
- TRAFFIC SAFETY DRUM
- CONCRETE BARRIER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\420-DetourPlan\XL6285_PS_CH_D.dgn
TIME	1:56:23 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39832 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

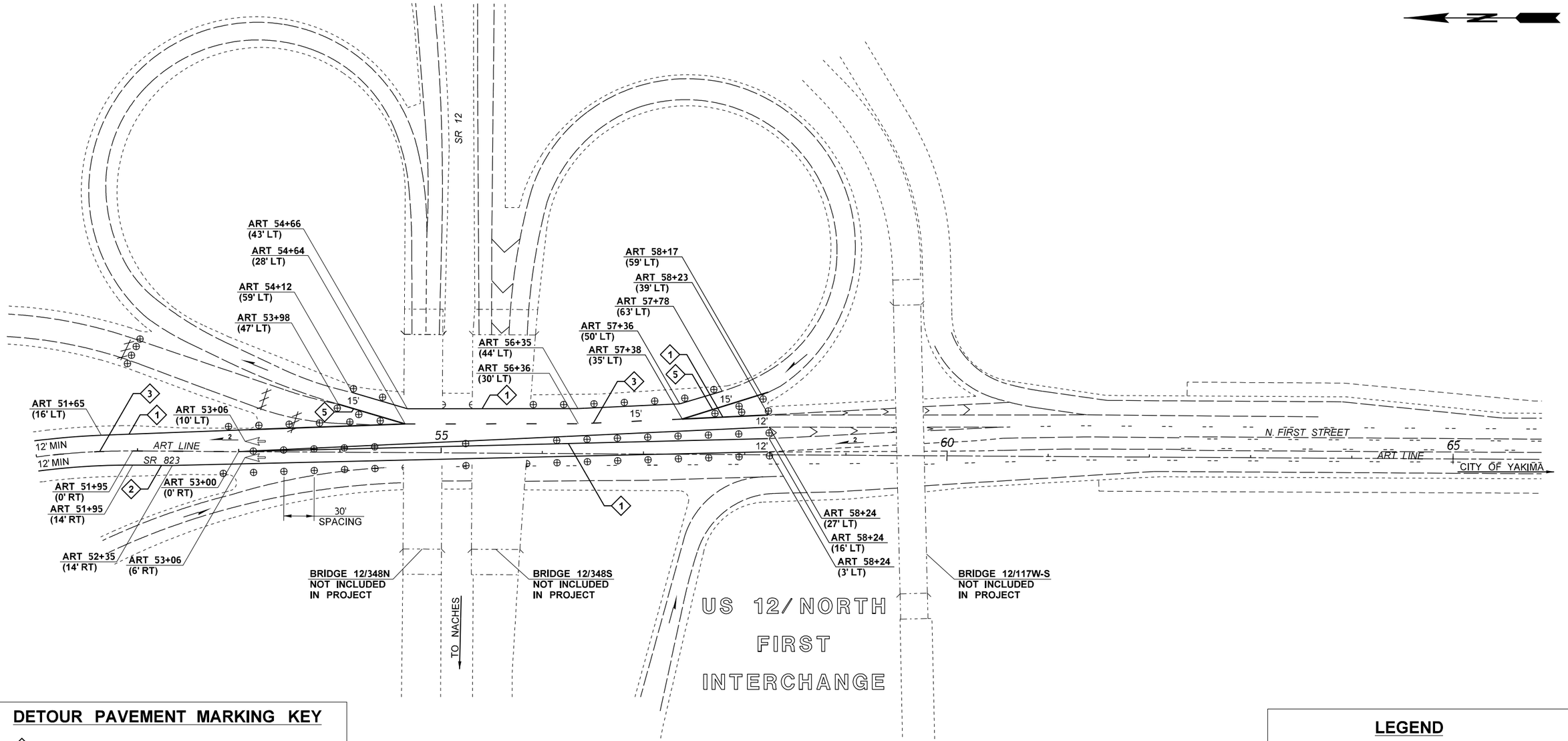
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR PAVEMENT MARKING &
TRAFFIC CONTROL PLAN

Plot 2
PLAN REF NO
DMK3

SHEET 65 OF 91 SHEETS

T. 13N. R. 18E. W.M.



DETOUR PAVEMENT MARKING KEY

- (1) TEMPORARY PAINT WHITE EDGE LINE
- (2) TEMPORARY PAINT YELLOW EDGE LINE
- (3) TEMPORARY PAINT LANE LINE
- (5) TEMPORARY PAINT WIDE LINE

LEGEND

- CROSSHATCH MARKING (CHEVRON)
- TRAFFIC SAFETY DRUM
- TYPE THREE BARRICADE
- EXISTING TRAFFIC ARROW

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\420-DetourPlan\XL6285_PS_CH_D.dgn
TIME	1:56:43 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39933 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR PAVEMENT MARKING &
TRAFFIC CONTROL PLAN

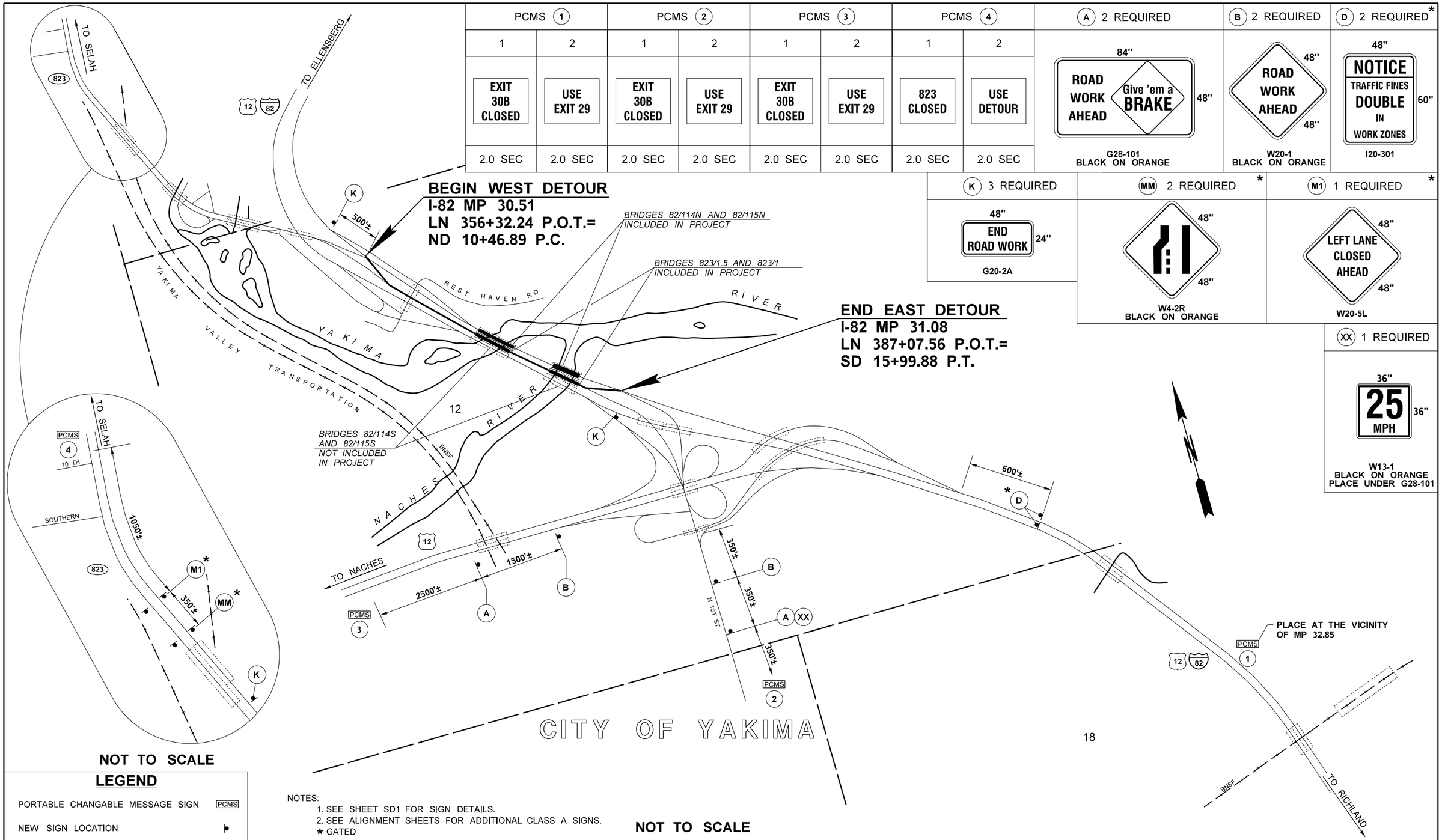
Plot 3
PLAN REF NO
DMK4
SHEET 66 OF 91 SHEETS

PCMS 1		PCMS 2		PCMS 3		PCMS 4	
1	2	1	2	1	2	1	2
EXIT 30B CLOSED	USE EXIT 29	EXIT 30B CLOSED	USE EXIT 29	EXIT 30B CLOSED	USE EXIT 29	823 CLOSED	USE DETOUR
2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC

A 2 REQUIRED	B 2 REQUIRED	D 2 REQUIRED *
84" ROAD WORK AHEAD / Give 'em a BRAKE 48"	48" ROAD WORK AHEAD 48"	48" NOTICE TRAFFIC FINES DOUBLE IN WORK ZONES 60"
G28-101 BLACK ON ORANGE	W20-1 BLACK ON ORANGE	I20-301

K 3 REQUIRED	MM 2 REQUIRED *	M1 1 REQUIRED *
48" END ROAD WORK 24"	48" 48"	48" LEFT LANE CLOSED AHEAD 48"
G20-2A	W4-2R BLACK ON ORANGE	W20-5L

XX 1 REQUIRED
36" 25 MPH 36"
W13-1 BLACK ON ORANGE PLACE UNDER G28-101



LEGEND

PORTABLE CHANGABLE MESSAGE SIGN PCMS

NEW SIGN LOCATION

NOTES:
1. SEE SHEET SD1 FOR SIGN DETAILS.
2. SEE ALIGNMENT SHEETS FOR ADDITIONAL CLASS A SIGNS.
* GATED

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\370-Sign Plan\XL6285_PS_CS_D.dgn				
TIME	1:54:13 PM				
DATE	4/11/2022				
PLOTTED BY	kolzowa				
DESIGNED BY	T. RUTSCHILLING				
ENTERED BY	S. BOURQUE				
CHECKED BY	J. TRUDEAU				
PROJ. ENGR.	A. BYRD				
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

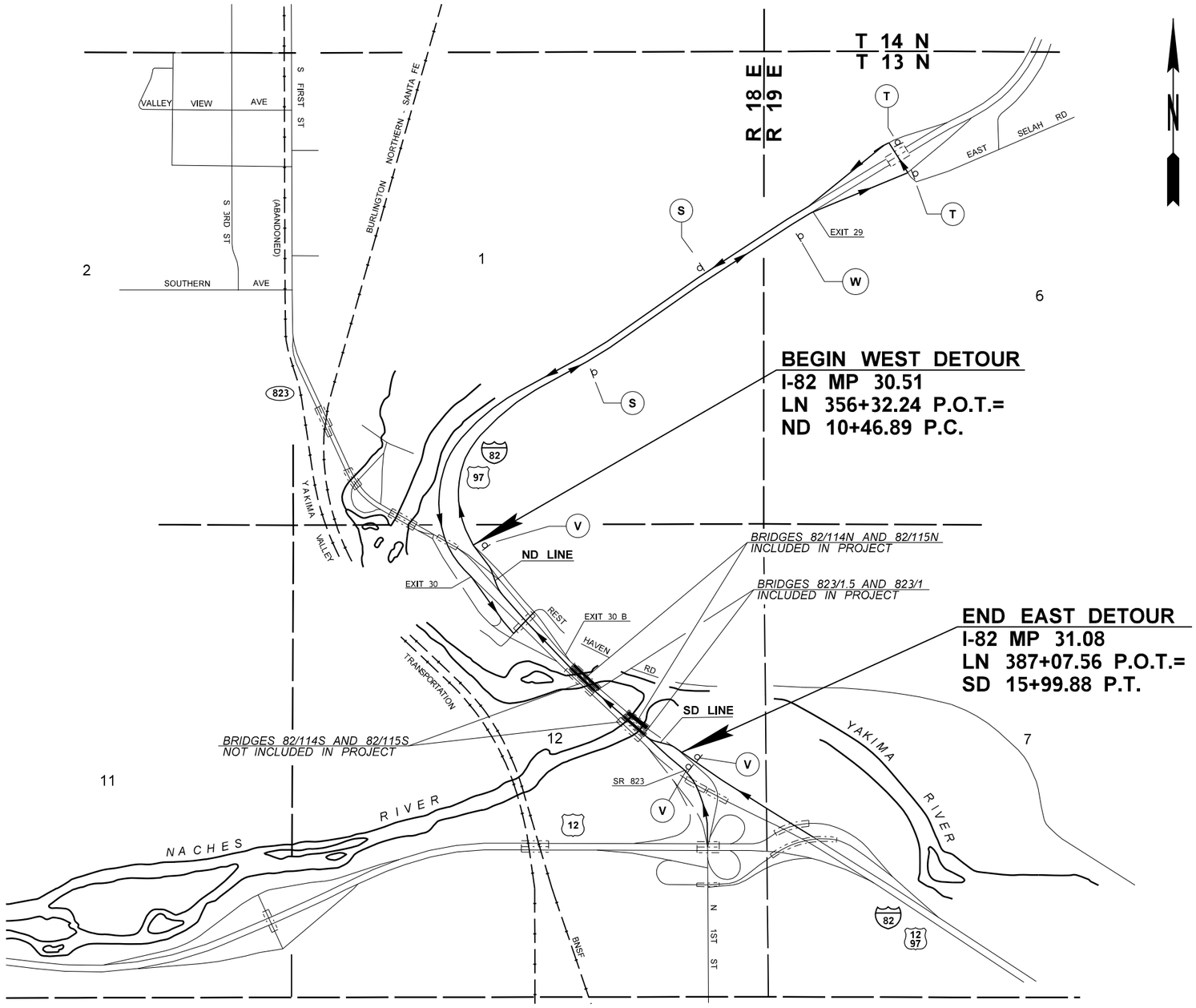
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR CONSTRUCTION SIGNS CLASS A

Plot 1

PLAN REF NO DCS1

SHEET 67 OF 91 SHEETS



S 2 EACH REQUIRED	T 2 REQUIRED	V 3 REQUIRED
36" DETOUR 15" M4-8; 21" ↑ 15" M6-3; BLACK ON ORANGE	48" ← DETOUR 18" M4-10L; BLACK ON WHITE	108" 72" DETOUR / EXIT 30B / Rest Haven Rd. / USE EXIT 29; 10" E, 8", 8"/6", 8"; BLACK ON ORANGE

W 1 REQUIRED

84" 72" DETOUR / Rest Haven Road ↗; 8" D, 8"/6", #2 ARROW; BLACK ON ORANGE

NOTES:
1. ALL SIGNS SHALL BE BLACK WITH ORANGE BACKGROUND.

LEGEND

σ SIGN LOCATIONS

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\420-DetourPlan\XL6285_PS_DP_D.dgn
TIME	1:58:09 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 49853 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR PLAN

Plot 1
PLAN REF NO D1
SHEET 68 OF 91 SHEETS

QUANTITY TABULATION - DETOUR BARRIER

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	BEAM GUARDRAIL TRANSITION TYPE 2	REMOVING AND RESETTING BEAM GUARDRAIL		TEMPORARY BARRIER	REMOVING AND RESETTING EXISTING PERMANENT BARRIER		TEMPORARY IMPACT ATTENUATER									SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		EACH									
DB1-1	ND 10+49 TO ND 13+42					293											
DB1-2	ND 10+48 TO ND 12+13				165												
DB1-3	ND 12+13 (16' RT)							1									1
DB1-4	ND 11+92 TO ND 14+00					208											
DB1-5	SD 10+00 TO SD 13+02				302												
DB1-6	SD 11+66 TO SD 14+09					242											
DB1-7	SD 10+00 TO SD 12+52					252											
DB2-1	ND 10+42 (18' RT)		12.5														
DB2-2	ND 13+35 (26' LT)	1															
DB2-3	ND 14+04. (27' LT)	1															
DB2-4	ND 11+92 (20' RT)		12.5														
DB2-5	SD 10+00 (15' LT)	1															
DB2-6	SD 12+42 (26' RT)	1															
DB2-7	SD 14+09 (27' RT)	1															
DB2-8	SD 14+08 TO SD 14+44		50														
	SHEET TOTAL	5	75		467	995		1									
	PROJECT TOTAL	5	75		467	995		1									

GENERAL NOTES:

1. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE OF THE FOLLOWING: ABSORB 350 TL-2, ABSORB-M TL-2, N-E-A-T, ACZ-350 TL-2 OR SLED TL-2. SEE STANDARD SPECIFICATIONS 8-17.3

DESIGNED BY	W. MWANGI	03/07/22				
ENTERED BY	W. MWANGI	03/07/22				
CHECKED BY	J. TRUDEAU	03/07/22				
PROJ. ENGR.	A. BYRD	03/07/22				
REGION ADM.	T. TREPANIER	03/07/22				
		DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NHPP-081(095)
JOB NUMBER		
22Y008		
CONTRACT NO.		

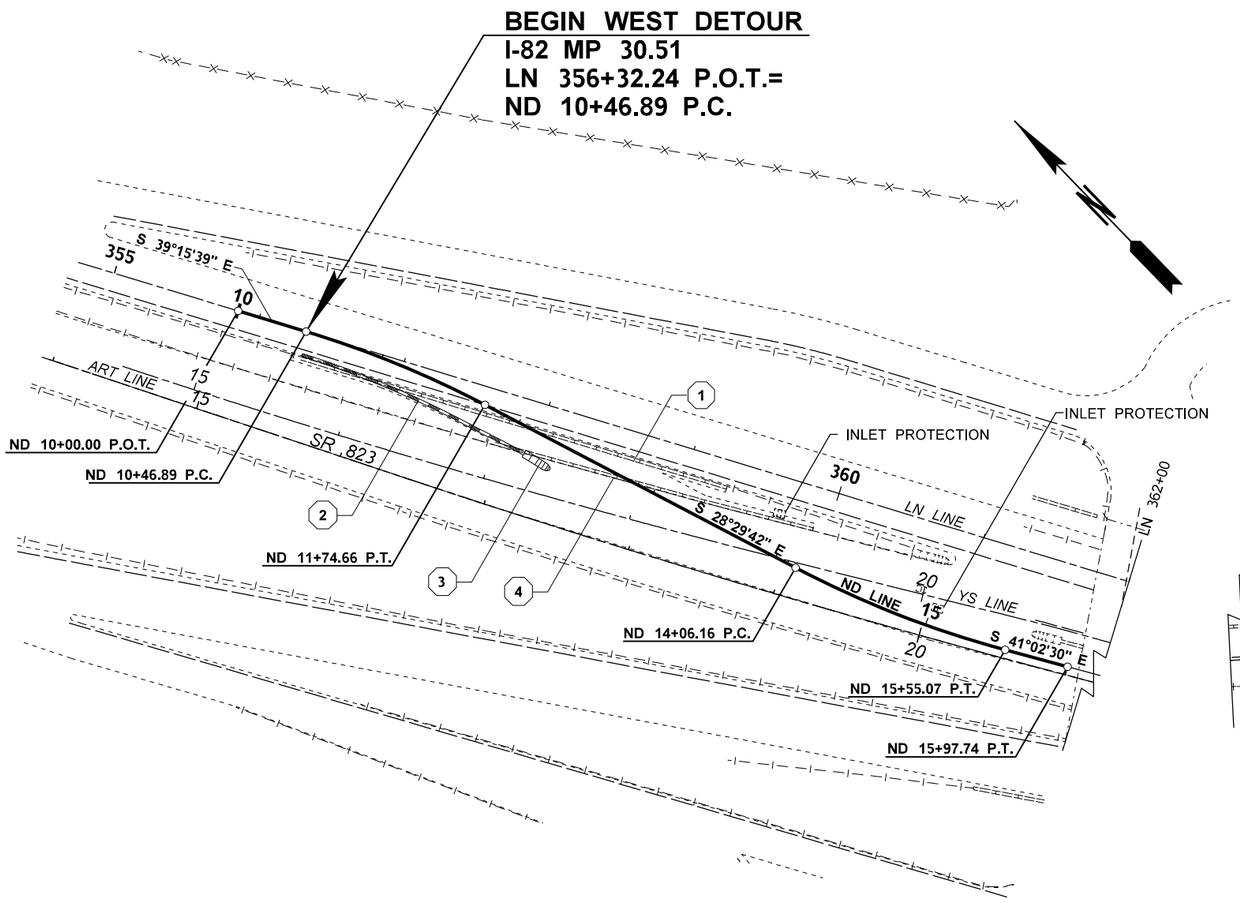
Washington State Department of Transportation

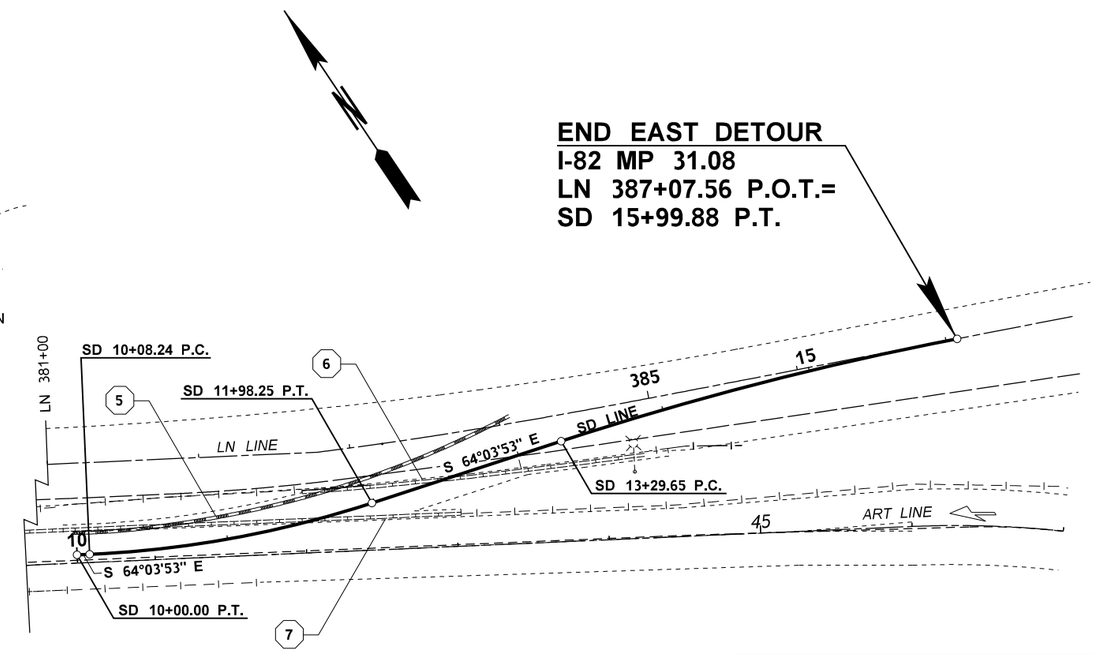
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING AND JOINT REPAIR

QUANTITY TABULATION - DETOUR BARRIER

QT 4

T. 13N. R. 18E. W.M.





LEGEND

?	QUANTITY TABULATION NOTE
	EXISTING DROP INLET
	EXISTING GRATE INLET
	EXISTING CONCRETE BARRIER
	EXISTING BEAM GUARDRAIL
	EXISTING IMPACT ATTENUATOR
	CONCRETE BARRIER
	BEAM GUARDRAIL
	TEMPORARY IMPACT ATTENUATOR

NOTE:

1. TEMPORARY IMPACT ATTENUATOR SHALL BE ONE OF THE FOLLOWING: ABSORB 350 TL-2, ABSORB-M TL-2, N-E-A-T, ACZ-350 TL-2 OR SLED TL-2. SEE STANDARD SPECIFICATIONS 8-17.3

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\290-MinorStruct\XL6285_PS_DB01.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:52:03 PM				10	WASH	NHPP-0821(095)
DATE	4/12/2022				JOB NUMBER		
PLOTTED BY	RutschT				22Y008		
DESIGNED BY	T. RUTSCHILLING				CONTRACT NO.		LOCATION NO.
ENTERED BY	S. BOURQUE						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

ANDREW D. BYRD STATE OF WASHINGTON 19853 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

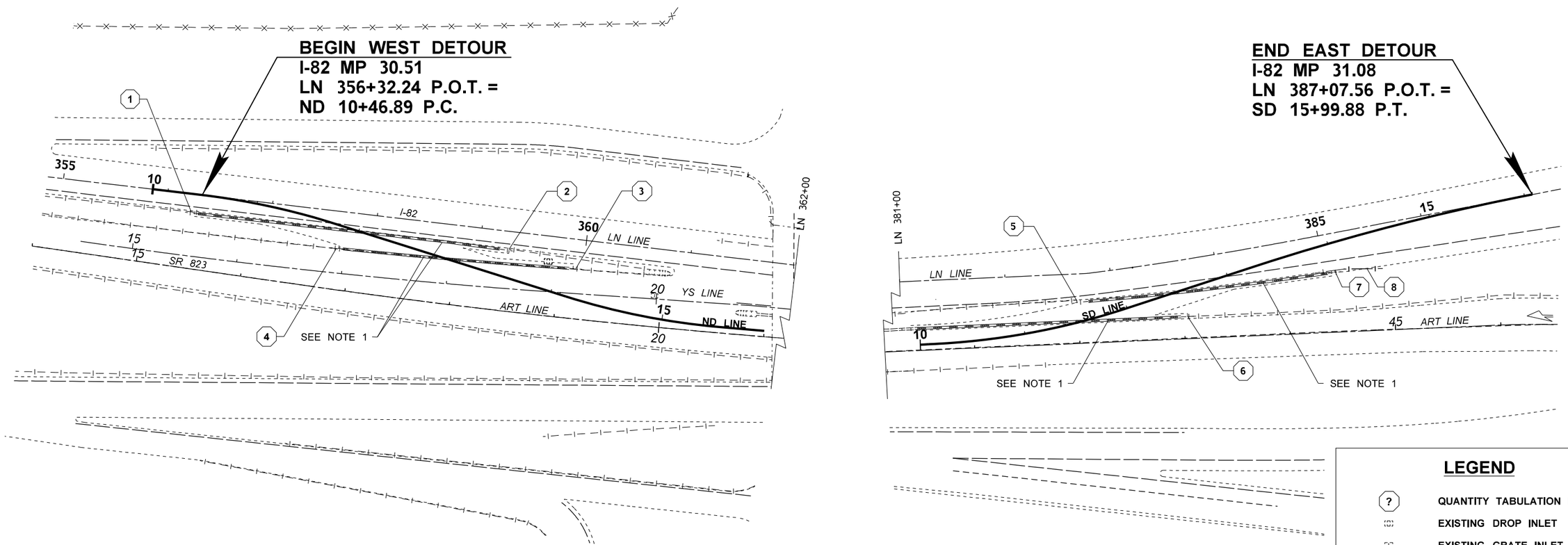
Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

DETOUR TEMPORARY & FINAL BARRIER

Plot 1
PLAN REF NO
DB1
SHEET 70 OF 91 SHEETS

T. 13N. R. 18E. W.M.



LEGEND

?	QUANTITY TABULATION NOTE
	EXISTING DROP INLET
	EXISTING GRATE INLET
	EXISTING CONCRETE BARRIER
	EXISTING BEAM GUARDRAIL
	EXISTING IMPACT ATTENUATOR
	CONCRETE BARRIER
	BEAM GUARDRAIL
	GUARDRAIL CONNECTION

NOTE:

1. CONTRACTOR SHALL RESET EXISTING BARRIER.

0 50 100
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\290-MinorStruct\XL6285_PS_DB02.dgn
TIME	2:52:16 PM
DATE	4/12/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD, STATE OF WASHINGTON, 39933, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

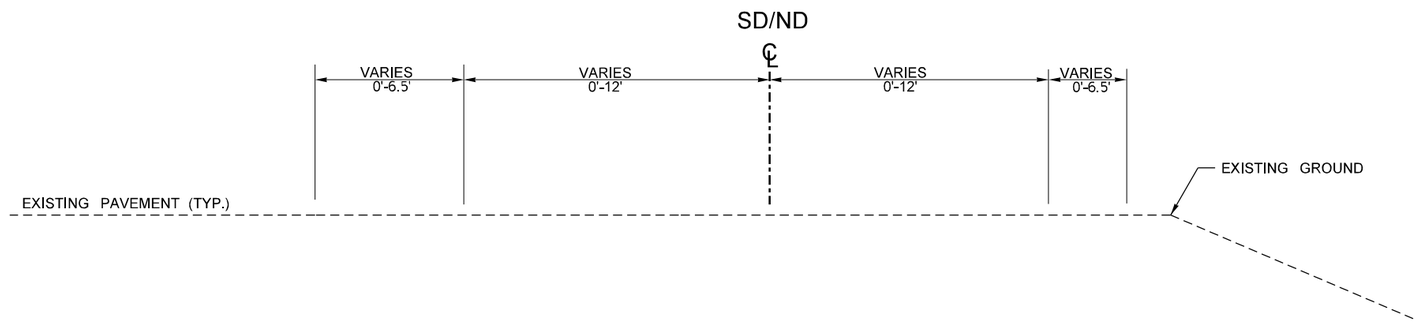
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

DETOUR TEMPORARY & FINAL BARRIER

Plot 2
PLAN REF NO DB2
SHEET 71 OF 91 SHEETS



MEDIAN CROSSOVER TYPICAL SECTION

EXISTING SECTION FROM ORIGINAL DETOUR PLANS

NOTES:

1. MEDIAN CROSSOVER CONSTRUCTED PREVIOUSLY BY OTHERS. THIS SHEET IS PROVIDED FOR CLARITY OF EXISTING ROADWAY IN THE MEDIAN.

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\050-RdwySec\XL6285_PS_RS_D.dgn						
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DATE	4/11/2022						
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING				JOB NUMBER 22Y008		
ENTERED BY	S. BOURQUE						
CHECKED BY	J. TRUDEAU				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

DETOUR ROADWAY SECTION

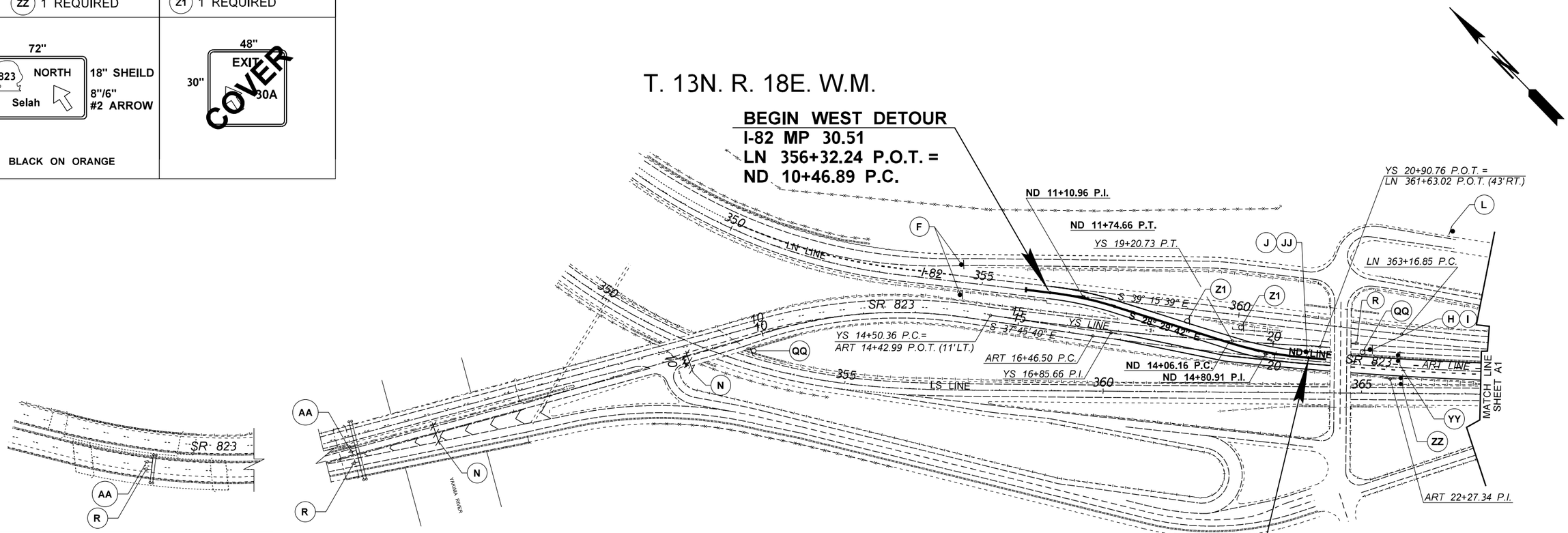
Plot 1

PLAN REF NO RD1

SHEET 72 OF 91 SHEETS

F 2 REQUIRED	H 1 REQUIRED	I 1 REQUIRED	J 1 REQUIRED	L 1 REQUIRED	N 2 REQUIRED	R 3 REQUIRED	AA 2 REQUIRED	JJ 1 REQUIRED	QQ 2 REQUIRED	YY 1 REQUIRED
48" SPEED LIMIT 60 60"	48" 48" 48"	36" 35 MPH 36"	48" BUMP 48" 48"	30" BRIDGES CLOSED TO FOOT TRAFFIC USE HARLAN LANDING / PUENTES CERRADO AL TRAFFICO DE PIE USAS HARLAN LANDING 24" 2" C	48" ROAD CLOSED 30"	EXIT XX ROUTE ROAD RIGHT/LEFT XX MILE COVER	72" Yakima City Center 72" COVER	36" MOTORCYCLES USE EXTREME CAUTION 24"	48" COVER 48" 48"	84" 82 WEST Ellensburg 60" 18" SHIELD 12" ARROW 8"/6"
R2-1	W1-4B(R) BLACK ON ORANGE	W13-1 BLACK ON ORANGE PLACE UNDER W1-4	W8-11 BLACK ON ORANGE		R11-2 BLACK ON WHITE		COVER EXISTING ARROW WHITE ON GREEN	W21-1701P BLACK ON ORANGE PLACE UNDER W8-11	W6-3 W4-3 SIGN COVERING	E6-101 BLACK ON ORANGE

ZZ 1 REQUIRED	Z1 1 REQUIRED
72" 823 NORTH Selah 60" 18" SHEIELD 8"/6" #2 ARROW	48" EXIT 30A 30" COVER
BLACK ON ORANGE	



LEGEND

- EXISTING CONCRETE BARRIER
- EXISTING GUARDRAIL
- TYPE THREE BARRICADE
- EXISTING SIGN LOCATION
- NEW SIGN LOCATION
- NEW MULTI POST SIGN LOCATION
- EXISTING OVERHEAD SIGN
- EXISTING IMPACT ATTENUATOR

NOTES:

1. ALL SIGNS ARE CLASS A UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL CONFORM TO THE ADOPTED STANDARDS IN ACCORDANCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. SIGNS MAY BE MOUNTED ON TEMPORARY MOUNTS (SKIDS-STANDS-BARRICADES) AS APPROVED BY THE ENGINEER.
4. ALL DETOUR SIGNING SHALL BE IN PLACE AND APPROVED BY THE ENGINEER BEFORE RAMP CLOSURE.
5. ALL SIGNS MOUNTED ON WOOD POSTS SHALL MEET REQUIREMENTS OF STANDARD PLAN G-4a.
6. ALL OVERLAYS TO BE MOUNTED WITH POP RIVETS OR STRAP HANGERS.

0 100 200
SCALE IN FEET

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
ND 11+10.96	10°45'57" RT	680'	64.07'	127.77'	NA
ND 14+80.91	12°32'48" LT	680'	74.75'	148.91'	NA
YS 16+85.66	04°20'49" LT	6200'	235.30'	470.27'	0.06'/FT.
ART 22+27.35	09°13'28" LT	7200'	580.85'	1159.19'	0.02'/FT.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\080-Align\XL6285_PS_AL_D.dgn
TIME	1:49:09 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD — STATE OF WASHINGTON — 39873 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

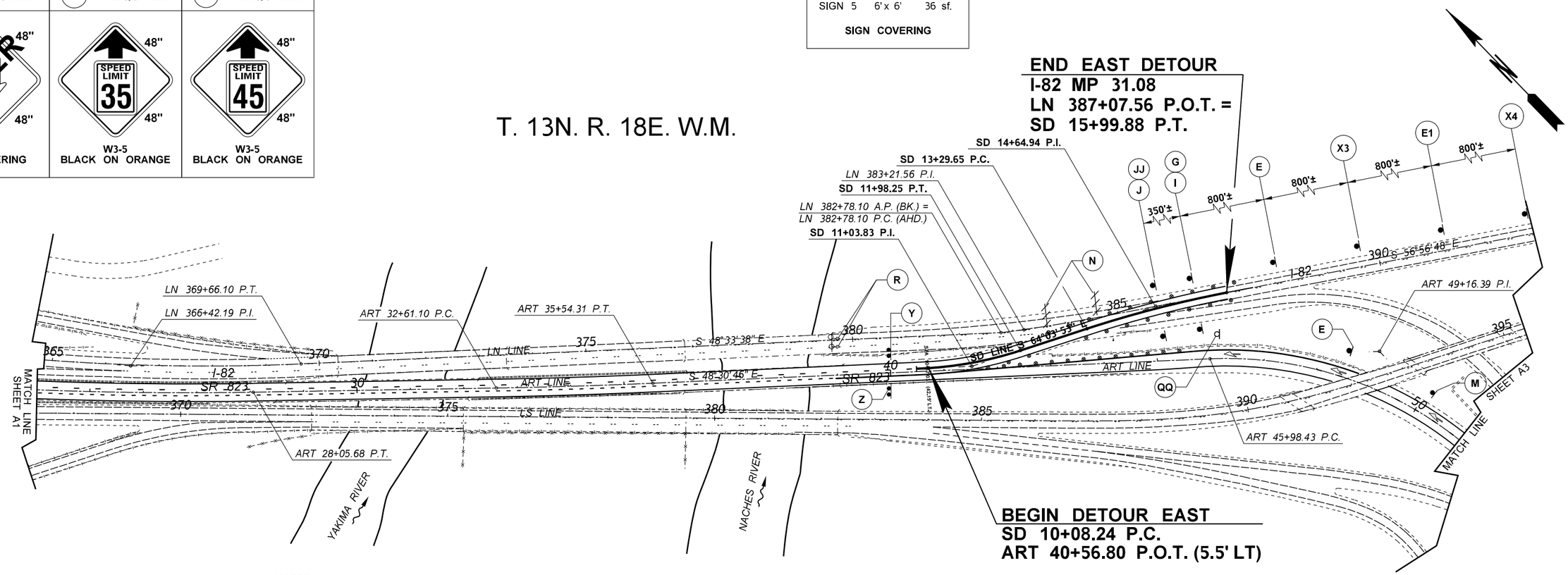
DETOUR ALIGNMENT AND SIGNING PLAN

Plot 1
PLAN REF NO A1
SHEET 73 OF 91 SHEETS

(E) 2 REQUIRED	(E1) 1 REQUIRED	(G) 2 REQUIRED	(I) 2 REQUIRED	(J) 2 REQUIRED	(M) 1 REQUIRED	(N) 2 REQUIRED	(R) 2 REQUIRED	(Y) 1 REQUIRED	(Z) 1 REQUIRED	(JJ) 2 REQUIRED
W16-101 48" SPEED LIMIT 35 60" R2-1	48" SPEED LIMIT 45 60" R2-1	48" 48" W1-4B(L) BLACK ON ORANGE	36" 35 MPH 36" W13-1 BLACK ON ORANGE PLACE UNDER W1-4	48" 48" BUMP W8-11 BLACK ON ORANGE	48" 48" W4-2(L) BLACK ON ORANGE	48" ROAD CLOSED 30" R11-2 BLACK ON WHITE	EXIT XX ROUTE ROAD RIGHT/LEFT XX MILE COVER SPECIAL SIZE QUANTITY SIGN 1 11' x 15' 165 sf. SIGN 2 9' x 19' 171 sf. SIGN 3 14' x 14' 196 sf. SIGN 4 6' x 6' 36 sf. SIGN 5 6' x 6' 36 sf. SIGN COVERING	96" 72" 82 WEST Ellensburg RIGHT 2 LANES 24" SHIELD 8"/6" 8" BLACK ON ORANGE	72" 72" 823 NORTH Selah LEFT LANE 18" SHIELD 8"/6" 8"	36" MOTORCYCLES USE EXTREME CAUTION 24" W21-1701P BLACK ON ORANGE PLACE UNDER W8-11

(QQ) 1 REQUIRED	(X3) 1 REQUIRED	(X4) 1 REQUIRED
COVER 48" 48" W6-3 SIGN COVERING	48" 48" SPEED LIMIT 35 W3-5 BLACK ON ORANGE	48" 48" SPEED LIMIT 45 W3-5 BLACK ON ORANGE

T. 13N. R. 18E. W.M.



LEGEND

- TYPE THREE BARRICADE
- EXISTING SIGN LOCATION
- NEW SIGN LOCATION
- NEW MULTI POST SIGN LOCATION
- EXISTING OVERHEAD SIGN
- TEMPORARY CHAIN LINK FENCE TYPE 3

NOTES:

1. ALL SIGNS ARE CLASS A UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL CONFORM TO THE ADOPTED STANDARDS IN ACCORDANCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. SIGNS MAY BE MOUNTED ON TEMPORARY MOUNTS (SKIDS-STANDS-BARRICADES) AS APPROVED BY THE ENGINEER.
4. ALL DETOUR SIGNING SHALL BE IN PLACE AND APPROVED BY THE ENGINEER BEFORE RAMP CLOSURE.
5. ALL SIGNS MOUNTED ON WOOD POSTS SHALL MEET REQUIREMENTS OF STANDARD PLAN G-4a.
6. ALL OVERLAYS TO BE MOUNTED WITH POP RIVETS OR STRAP HANGERS.

0 100 200
SCALE IN FEET

⊥ BK. TANGENT = 102.43', AHD. TANGENT = 184.60'

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
SD 11+03.83	15°33'07" LT	700'	95.59'	190.00'	NA
SD 14+64.94	07°07'06" RT	2175'	135.29'	270.22'	NA
LN 366+42.19	09°17'59" LT	4000'	325.34'	649.24'	0.05'/FT.
ART 49+16.39	48°51'28" RT	700'	317.96'	596.91'	0.06'/FT.

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA		
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	O	DE	Ls
LN 383+21.56	3°44'19" LT	⊥	1°44'20" LT	2865'	86.95'	0.05'/FT	1	1°59'59"	2.0

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\080-Align\XL6285_PS_AL_D.dgn
TIME	1:49:18 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)
JOB NUMBER 22Y008
CONTRACT NO. | LOCATION NO.

ANDREW D. BYRD, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER 39833
SEE SHEET CT1
DATE
P.E. STAMP BOX

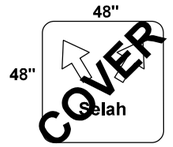
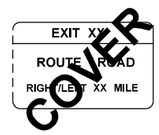
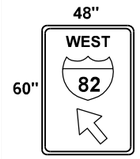
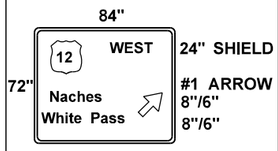
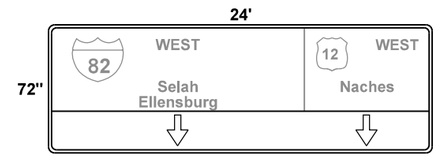
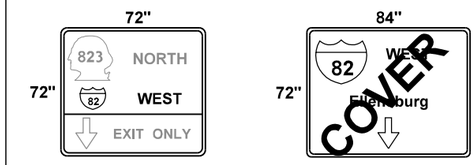
DATE
P.E. STAMP BOX

Washington State Department of Transportation

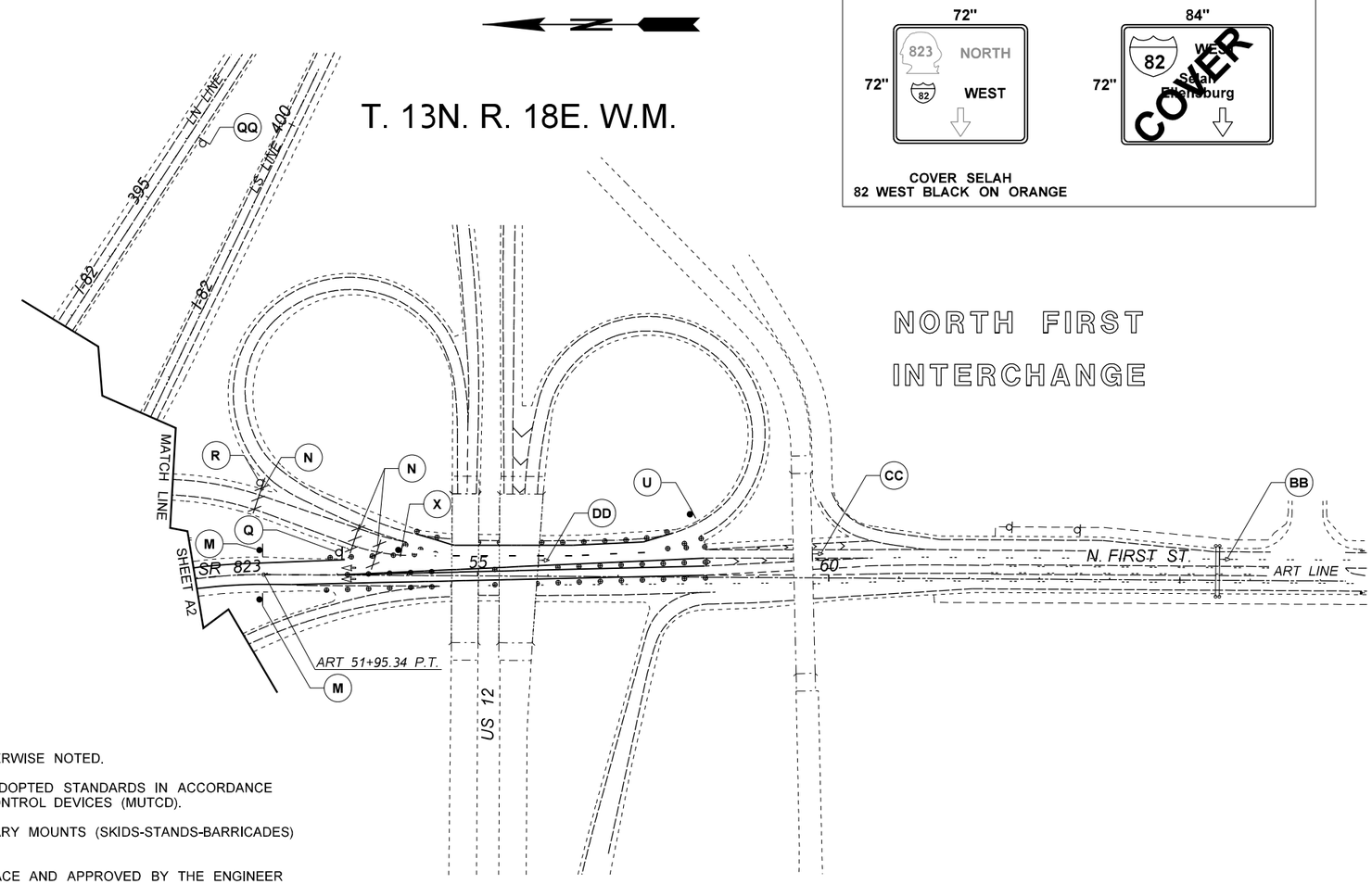
I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

DETOUR ALIGNMENT AND SIGNING PLAN

Plot 2
PLAN REF NO A2
SHEET 74 OF 91 SHEETS

(M) 2 REQUIRED	(N) 3 REQUIRED	(Q) 1 REQUIRED	(R) 1 REQUIRED	(U) 1 REQUIRED	(X) 1 REQUIRED	(BB) 1 REQUIRED	(CC) 1 REQUIRED
W4-2(L) BLACK ON ORANGE	R11-2 BLACK ON WHITE	 SIGN COVERING	 SPECIAL SIZE QUANTITY SIGN 1 11' x 15' 165 sf. SIGN 2 9' x 19' 171 sf. SIGN 3 14' x 14' 196 sf. SIGN 4 6' x 6' 36 sf. SIGN 5 6' x 6' 36 sf. SIGN COVERING	 M8-101 BLACK ON ORANGE	 E6-101 BLACK ON ORANGE	 COVER EXISTING 1/4 MILE ARROWS BLACK ON ORANGE	 COVER SELAH 82 WEST BLACK ON ORANGE

(QQ) 1 REQUIRED	(DD) 1 REQUIRED
W4-3 SIGN COVERING	COVER SELAH 82 WEST BLACK ON ORANGE



NOTES:

1. ALL SIGNS ARE CLASS A UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL CONFORM TO THE ADOPTED STANDARDS IN ACCORDANCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. SIGNS MAY BE MOUNTED ON TEMPORARY MOUNTS (SKIDS-STANDS-BARRICADES) AS APPROVED BY THE ENGINEER.
4. ALL DETOUR SIGNING SHALL BE IN PLACE AND APPROVED BY THE ENGINEER BEFORE RAMP CLOSURE.
5. ALL SIGNS MOUNTED ON WOOD POSTS SHALL MEET REQUIREMENTS OF STANDARD PLAN G-4a.
6. ALL OVERLAYS TO BE MOUNTED WITH POP RIVETS OR STRAP HANGERS.

LEGEND

- TYPE THREE BARRICADE
- EXISTING SIGN LOCATION
- NEW SIGN LOCATION
- EXISTING OVERHEAD SIGN

0 100 200
SCALE IN FEET

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets_Detour\080-Align\XL6285_PS_AL_D.dgn
TIME	1:49:25 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	S. BOURQUE
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD STATE OF WASHINGTON 19873 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

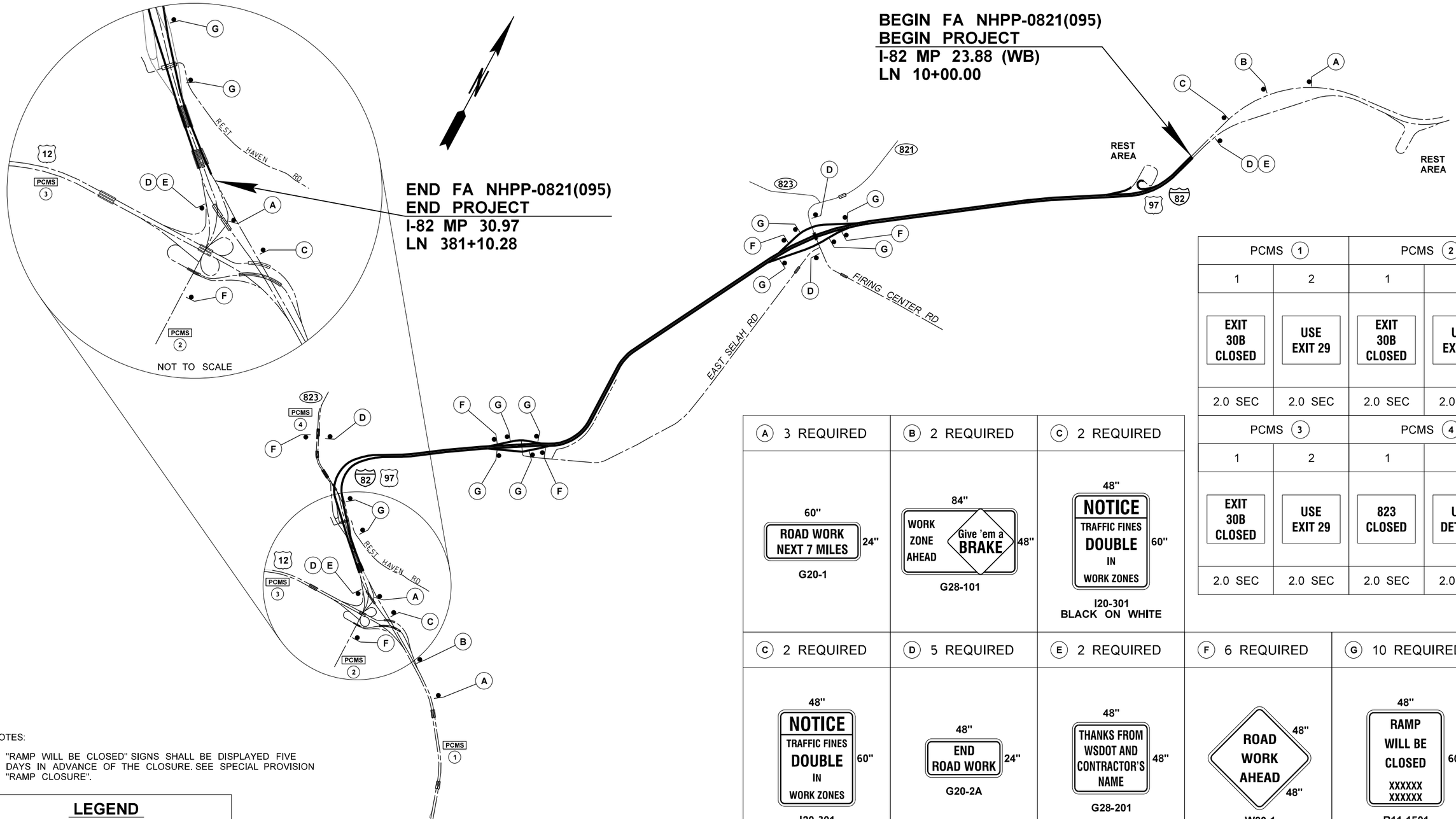
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

DETOUR ALIGNMENT AND SIGNING PLAN

Plot 3
PLAN REF NO A3
SHEET 75 OF 91 SHEETS



PCMS 1		PCMS 2	
1	2	1	2
EXIT 30B CLOSED	USE EXIT 29	EXIT 30B CLOSED	USE EXIT 29
2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC

PCMS 3		PCMS 4	
1	2	1	2
EXIT 30B CLOSED	USE EXIT 29	823 CLOSED	USE DETOUR
2.0 SEC	2.0 SEC	2.0 SEC	2.0 SEC

A 3 REQUIRED	B 2 REQUIRED	C 2 REQUIRED
60" ROAD WORK NEXT 7 MILES 24" G20-1	84" WORK ZONE AHEAD Give 'em a BRAKE 48" G28-101	48" NOTICE TRAFFIC FINES DOUBLE IN WORK ZONES 60" I20-301 BLACK ON WHITE

C 2 REQUIRED	D 5 REQUIRED	E 2 REQUIRED	F 6 REQUIRED	G 10 REQUIRED
48" NOTICE TRAFFIC FINES DOUBLE IN WORK ZONES 60" I20-301 BLACK ON WHITE	48" END ROAD WORK 24" G20-2A	48" THANKS FROM WSDOT AND CONTRACTOR'S NAME 48" G28-201	48" ROAD WORK AHEAD 48" 48" W20-1	48" RAMP WILL BE CLOSED XXXXXX XXXXXX 60" R11-1501 BLACK ON WHITE

NOTES:

1. "RAMP WILL BE CLOSED" SIGNS SHALL BE DISPLAYED FIVE DAYS IN ADVANCE OF THE CLOSURE. SEE SPECIAL PROVISION "RAMP CLOSURE".

LEGEND

SIGN LOCATION

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\370-SignPlan\XL6285_PS_CS.dgn
TIME	2:11:15 PM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	A. KOLZOW
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

ANDREW D. BYRD STATE OF WASHINGTON 19873 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

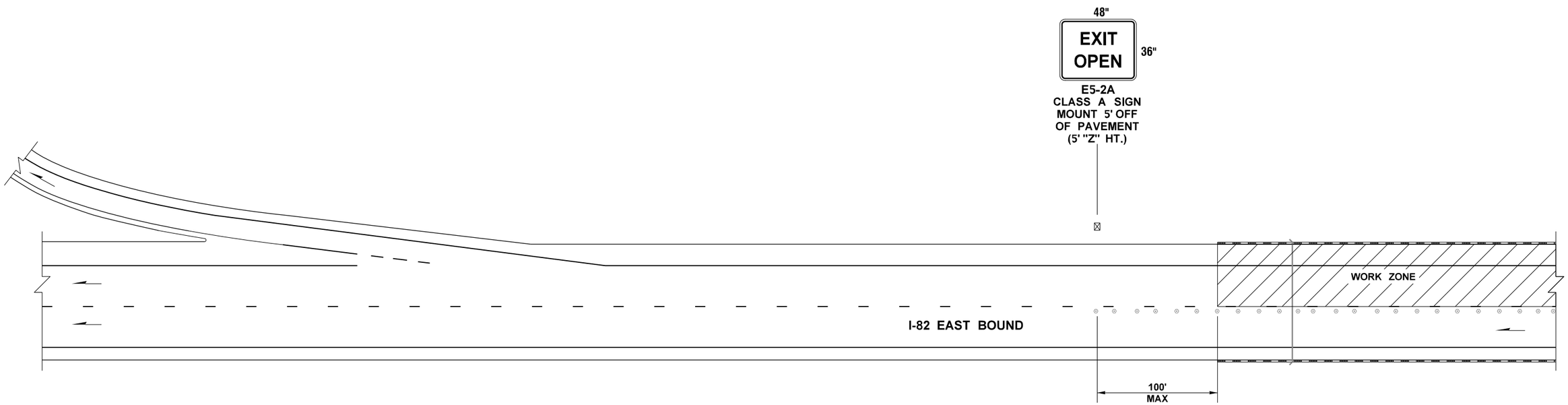
CONSTRUCTION SIGNING PLAN

Plot 1

PLAN REF NO CS1

SHEET 76 OF 91 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
ON BRIDGE	20	40
OFF BRIDGE	40	80



RIGHT LANE CLOSURE NEAR OFF-RAMP

NOT TO SCALE

NOTES:

1. ALL SIGNS ARE CLASS "B" UNLESS OTHERWISE NOTED.
2. UNLESS OTHERWISE NOTED, SIGNS SHALL MEET THE REQUIREMENTS OF SECTION 9-35.2 OF THE STANDARD SPECIFICATIONS (M41-10) AND THE WASHINGTON STATE SIGN FABRICATION MANUAL (M55-05), EXCEPT WHEN M55-05 CALLS OUT A YELLOW REFLECTIVE BACKGROUND, AN ORANGE REFLECTIVE BACKGROUND SHALL BE USED.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. ADVANCE NOTICE REQUIRED FOR ANY OVER WIDTH LOADS PRIOR TO LANE CLOSURE IF APPLICABLE.
5. NO FLAGGERS OR SPOTTERS.
6. PAVEMENT MARKINGS SHOWN ARE EXISTING AND MAY NOT BE PRESENT AT TIME OF SETUP.

LEGEND

- BRIDGE BARRIER
- CLASS A SIGN LOCATION
- PAVEMENT MOUNTED TUBULAR MARKER

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	4:40:05 PM
DATE	4/7/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

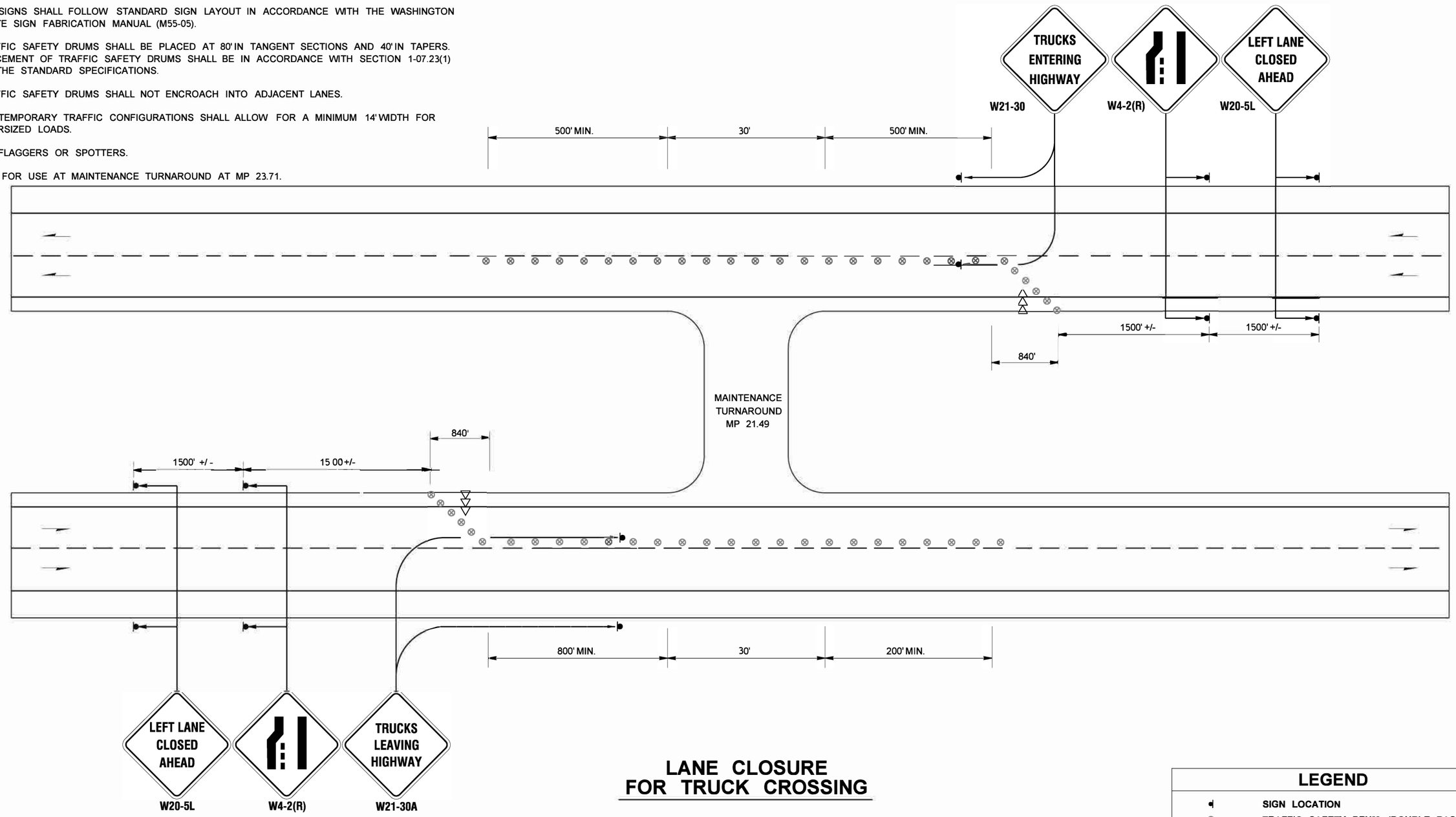
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 1
PLAN REF NO TC1
SHEET 77 OF 91 SHEETS

NOTES:

1. ALL SIGNS SHALL BE 48" X 48", BLACK ON ORANGE AND CLASS "B" UNLESS SPECIFIED OTHERWISE.
2. ALL SIGNS SHALL FOLLOW STANDARD SIGN LAYOUT IN ACCORDANCE WITH THE WASHINGTON STATE SIGN FABRICATION MANUAL (M55-05).
3. TRAFFIC SAFETY DRUMS SHALL BE PLACED AT 80' IN TANGENT SECTIONS AND 40' IN TAPERS. PLACEMENT OF TRAFFIC SAFETY DRUMS SHALL BE IN ACCORDANCE WITH SECTION 1-07.23(1) OF THE STANDARD SPECIFICATIONS.
4. TRAFFIC SAFETY DRUMS SHALL NOT ENCROACH INTO ADJACENT LANES.
5. ALL TEMPORARY TRAFFIC CONFIGURATIONS SHALL ALLOW FOR A MINIMUM 14' WIDTH FOR OVERSIZED LOADS.
6. NO FLAGGERS OR SPOTTERS.
7. NOT FOR USE AT MAINTENANCE TURNAROUND AT MP 23.71.



LANE CLOSURE FOR TRUCK CROSSING

NOT TO SCALE

LEGEND

◀	SIGN LOCATION
⊗	TRAFFIC SAFETY DRUM (DOUBLE BASE)
▷▷▷	SEQUENTIAL ARROW SIGN - TYPE C

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	4:40:11 PM
DATE	4/7/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-0821(095)

JOB NUMBER 22Y008

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 2

PLAN REF NO TC2

SHEET 78 OF 91 SHEETS

SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	50-75 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 RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	**200' +/- (2)**
URBAN STREETS	25 MPH OR LESS	**100' +/- (2)**

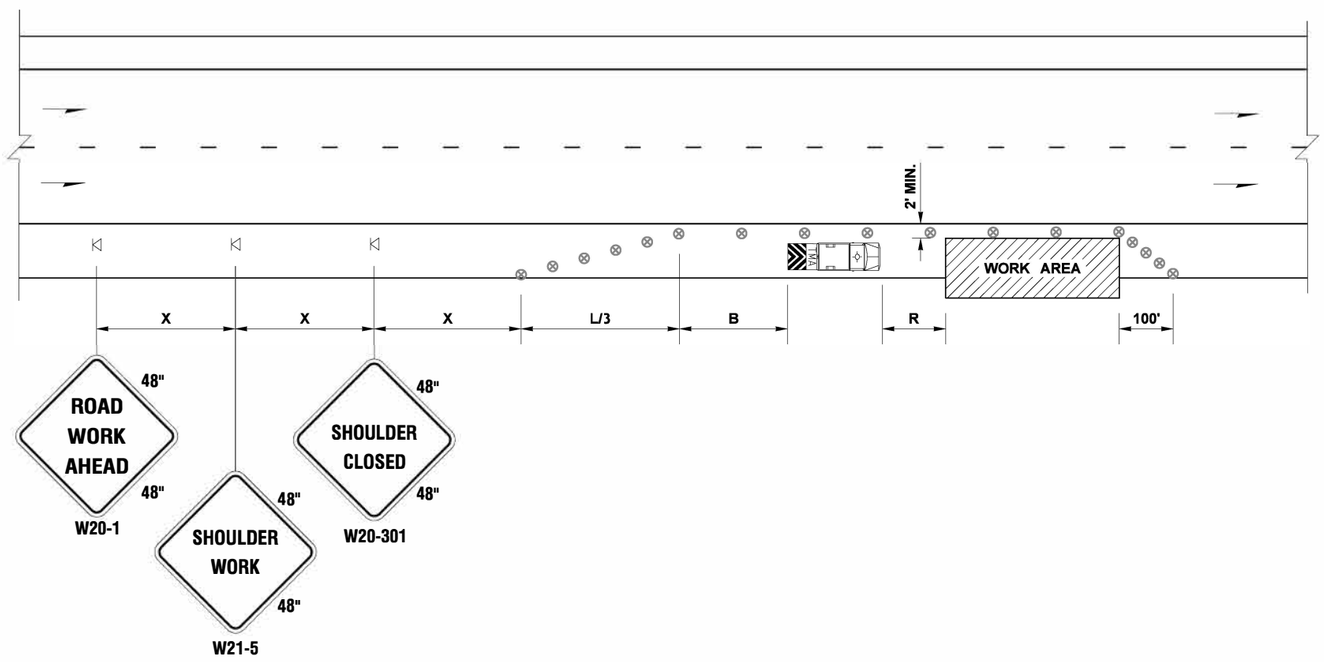
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

BUFFER DATA												
LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	730	820

MOBILE TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	172'	222'	100'	150'	172'



LEGEND

- TEMPORARY SIGN LOCATION
- TRAFFIC SAFETY DRUM (DOUBLE BASE)
- TRANSPORTABLE ATTENUATOR

SHOULDER CLOSURE - HIGH SPEED

NOT TO SCALE

NOTES

1. NO ENCROACHMENT IN TRAVELED LANE. IF ENCROACHMENT IS NECESSARY, LANE SHALL BE CLOSED.
2. DEVICE SPACING FOR THE DOWNSTREAM TAPER SHALL BE 20' (FT) O.C.
3. ALL SIGNS ARE BLACK ON ORANGE.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn				
TIME	4:40:17 PM				
DATE	4/7/2022				
PLOTTED BY	kolzowa				
DESIGNED BY	T. RUTSCHILLING				
ENTERED BY	W. MWANGI				
CHECKED BY	J. TRUDEAU				
PROJ. ENGR.	A. BYRD				
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 3

PLAN REF NO TC3

SHEET 79 OF 91 SHEETS

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

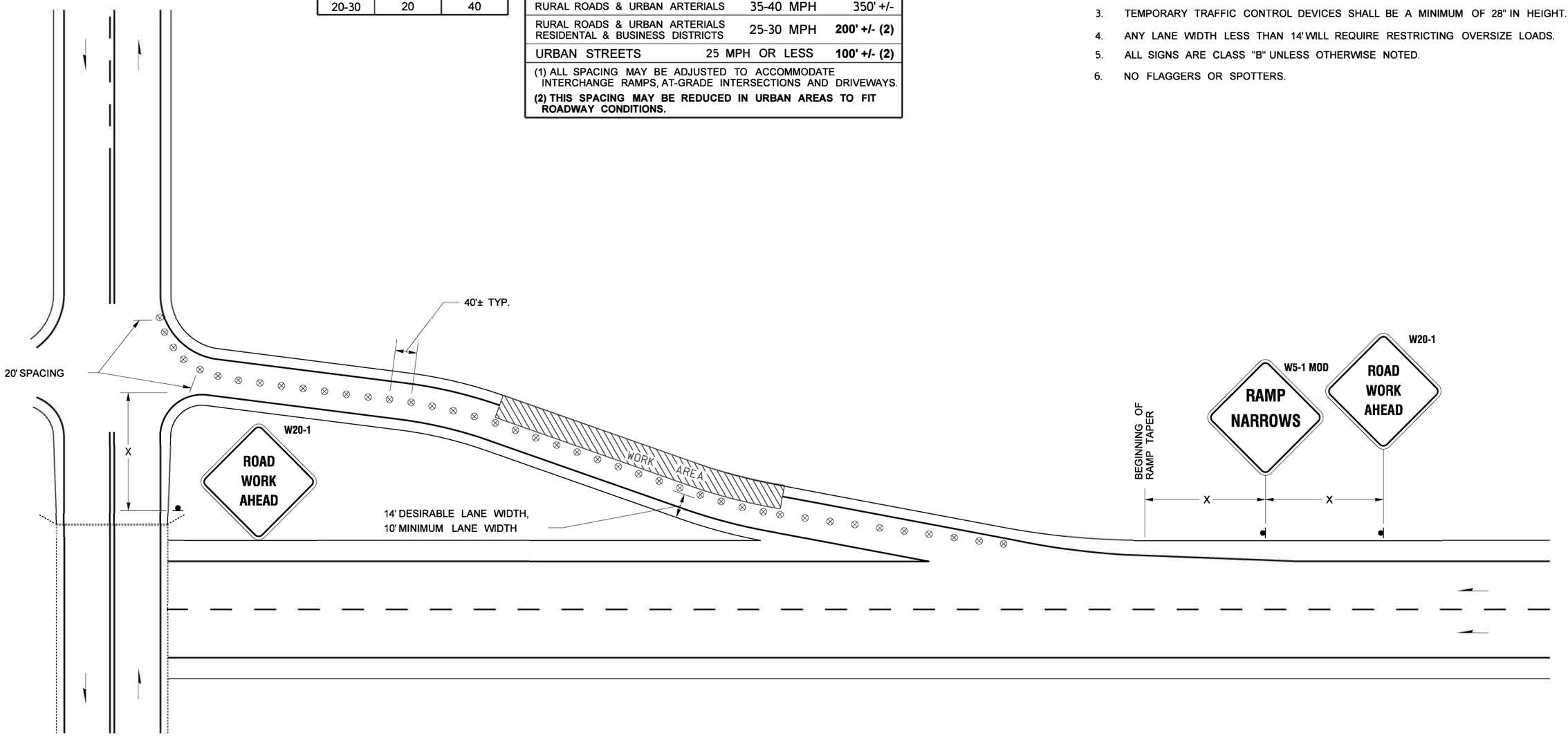
SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	50-75 MPH	1500' +/-
RURAL HIGHWAYS	60-65 MPH	800' +/-
RURAL ROADS	45-55 MPH	500' +/-
RURAL ROADS & URBAN ARTERIALS	35-40 MPH	350' +/-
RURAL ROADS & URBAN ARTERIALS RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	**200' +/- (2)**
URBAN STREETS	25 MPH OR LESS	**100' +/- (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.

GENERAL NOTES

1. ALL DIAMOND SHAPED SIGNS SHALL BE 48" X 48" WITH ORANGE BACKGROUND.
2. ALL SIGNS MUST FOLLOW STANDARD SIGN LAYOUT IN ACCORDANCE WITH THE WASHINGTON STATE SIGN FABRICATION MANUAL (M55-05).
3. TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
4. ANY LANE WIDTH LESS THAN 14' WILL REQUIRE RESTRICTING OVERSIZE LOADS.
5. ALL SIGNS ARE CLASS "B" UNLESS OTHERWISE NOTED.
6. NO FLAGGERS OR SPOTTERS.



SINGLE LANE PARTIAL OFF-RAMP CLOSURE

LEGEND

⊕	SIGN LOCATION
⊗	TRAFFIC SAFETY DRUM (DOUBLE BASE)

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	4:40:24 PM
DATE	4/7/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 4

PLAN REF NO TC4

SHEET 80 OF 91 SHEETS

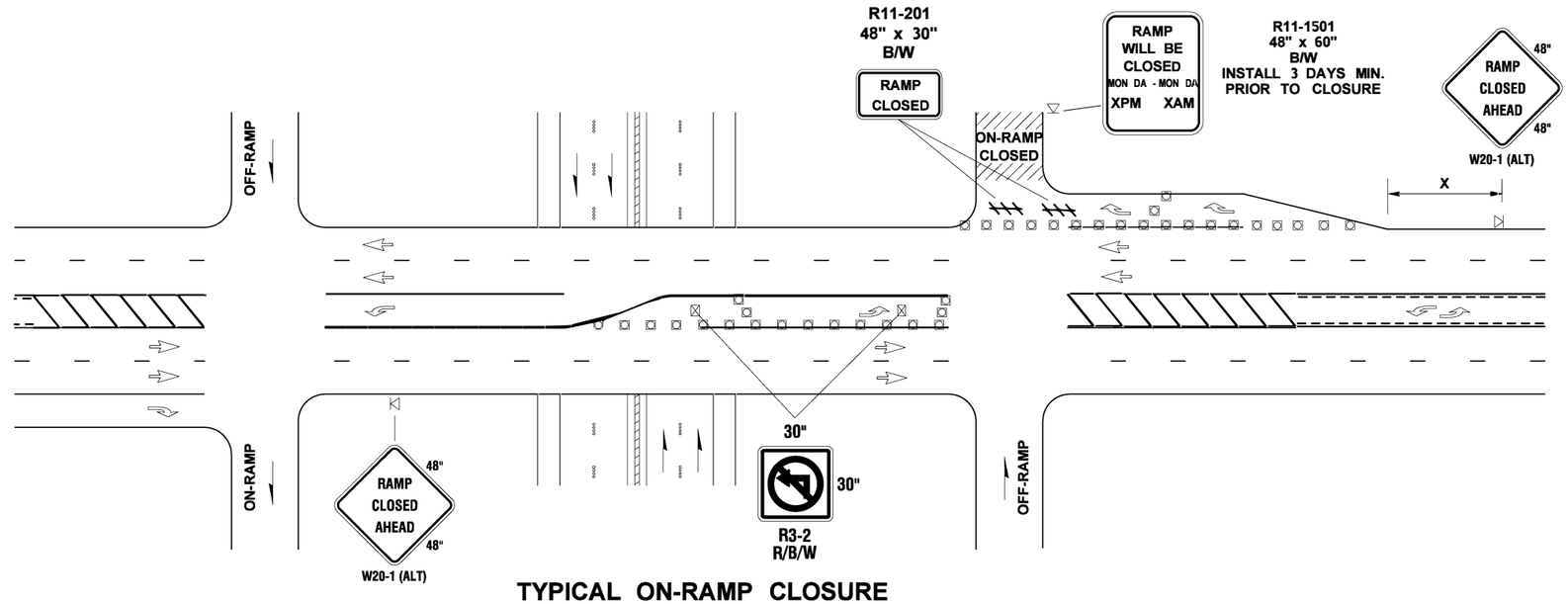
SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	50-75 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 RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	**200' +/- (2)**
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.

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40



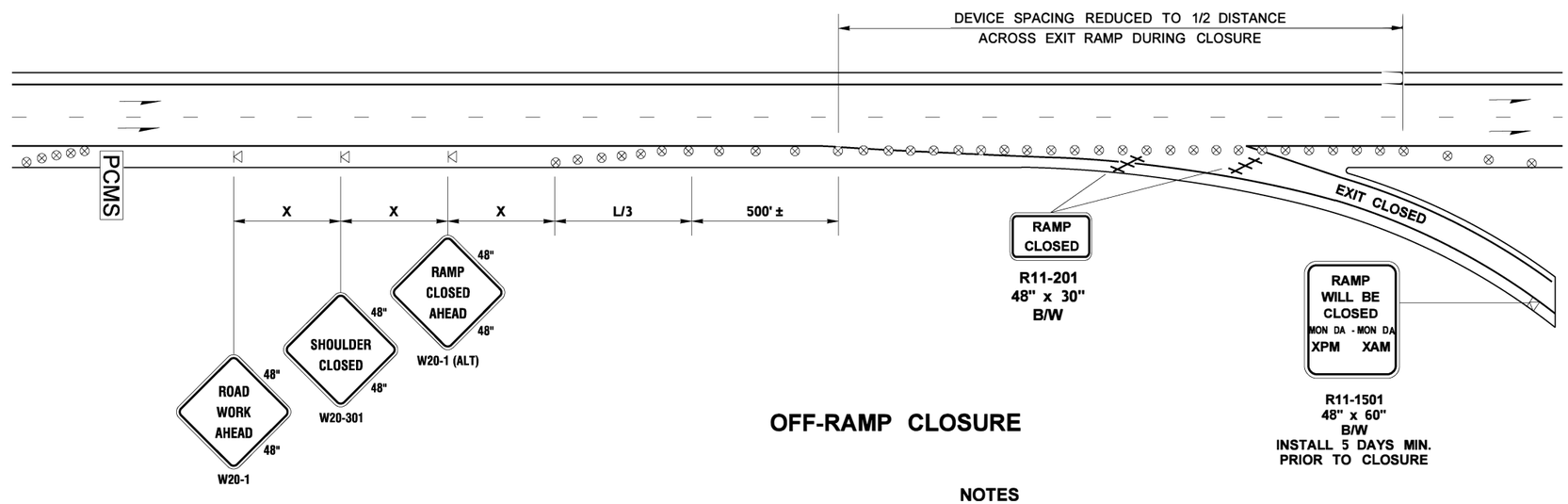
TYPICAL ON-RAMP CLOSURE

PCMS	
1	2
EXIT XXX CLOSED	USE EXIT XXX
2.0 SEC	2.0 SEC

FIELD LOCATE

PCMS	
1	2
REST AREA CLOSED	MON DA 6 PM TO 6 AM
2.0 SEC	2.0 SEC

FIELD LOCATE



OFF-RAMP CLOSURE

LEGEND

	TYPE 3 BARRICADE
	TEMPORARY SIGN LOCATION
	CHANNELIZING DEVICES
	TRAFFIC SAFETY DRUM (DOUBLE BASE)
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

SHORT TERM RAMP CLOSURES

NOT TO SCALE

NOTES

1. SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.
2. TYPICAL APPLICATION SHOWN. ADUST FOR SITE CONDITIONS.
3. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	11:43:22 AM
DATE	4/11/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 5

PLAN REF NO TC5

SHEET 81 OF 91 SHEETS

PCMS 1	
1	2
SLOW TRAFFIC AHEAD	NEXT # MILES
2.0 SEC	2.0 SEC

FIELD LOCATE AT LEAST 1/2 +/- MILE IN ADVANCE OF PCMS 2.

RELOCATE AS NEEDED TO REMAIN 1 +/- MILE IN ADVANCE OF QUEUE.

PCMS MAY BE TRUCK MOUNTED; IF SO, THE THREE TRANSVERSE DRUMS ARE OPTIONAL.

REMOVE WHEN QUEUE NO LONGER PRESENT.

= APPROXIMATE QUEUE LENGTH ROUNDED UP TO NEAREST MILE

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

PCMS 2	
1	2
LEFT LANE CLOSED	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-1 SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	50-75 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 RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	**200' +/- (2)**
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.

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

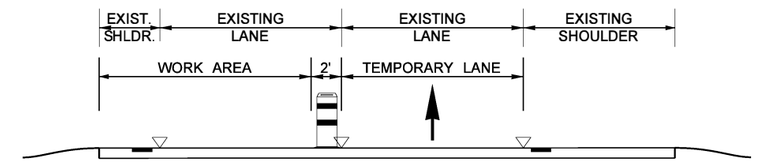
MINIMUM LANE CLOSURE TAPER LENGTH = L													
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
12'	L (feet)	80	140	180	270	330	540	600	680	720	800	840	920

SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280

FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM

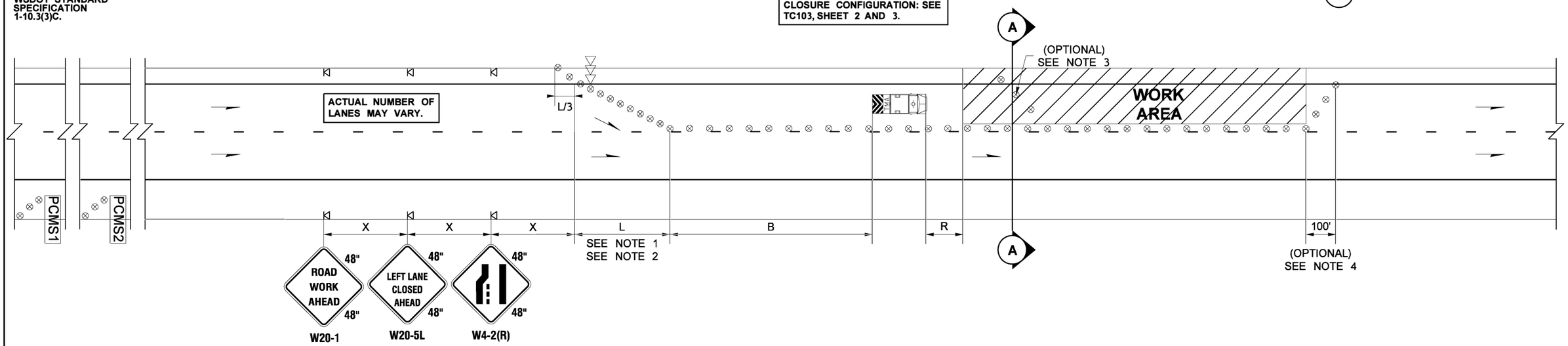
LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	730	820

STATIONARY TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	123'	172'	74'	100'	150'



SECTION (A-A)

FOR EXIT-RAMP AND ON-RAMP DETAILS WITHIN LANE CLOSURE CONFIGURATION: SEE TC103, SHEET 2 AND 3.



LEGEND

- TEMPORARY SIGN LOCATION
- TEMPORARY SIGN LOCATION (5' MIN. HEIGHT)
- TRAFFIC SAFETY DRUM (DOUBLE BASE)
- RADAR SPEED DISPLAY SIGN
- SEQUENTIAL ARROW SIGN
- TRANSPORTABLE ATTENUATOR
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. DISTANCE BETWEEN LANE CLOSURE TAPER AND ALL OPEN RAMPS SHALL BE 500' MINIMUM.
2. IF FEASIBLE, AVOID PLACING LANE CLOSURE TAPER WITHIN LIMITS OF HORIZONTAL CURVES.
3. PLACE TRANSVERSELY ACROSS CLOSURE AT A 45° ANGLE WITH 5' SPACING AT STRATEGIC LOCATIONS OR EVERY 1000' +/-.
4. REOPENING TAPER OPTIONAL TO ALLOW FOR CONSTRUCTION VEHICLES TO ACCELERATE STRAIGHT OUT OF WORK AREA INTO THE LEFT LANE.
5. SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE INDICATED.
6. THIS TRAFFIC CONTROL PLAN IS APPLICABLE TO SHORT-TERM AND INTEMEDIATE-TERM DURATION LANE CLOSURES OF 3 DAYS OR LESS.

FREEWAY (2+ LANES): SINGLE LEFT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn			
TIME	4:40:37 PM			
DATE	4/7/2022			
PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	W. MWANGI			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

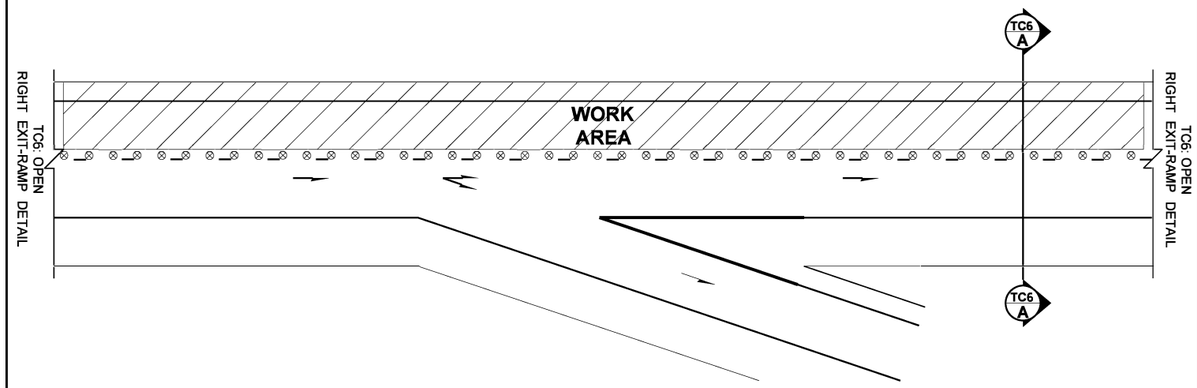
TRAFFIC CONTROL PLAN

PLAN REF NO TC6

SHEET 82 OF 91 SHEETS

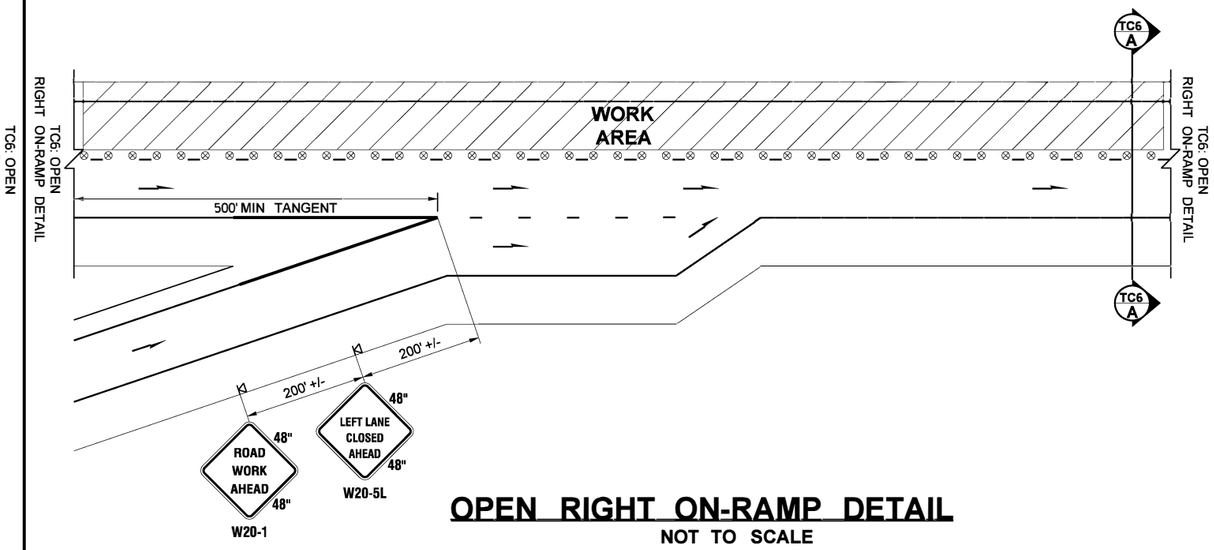
NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC6.
2. ACTUAL NUMBER OF LANES MAY VARY.



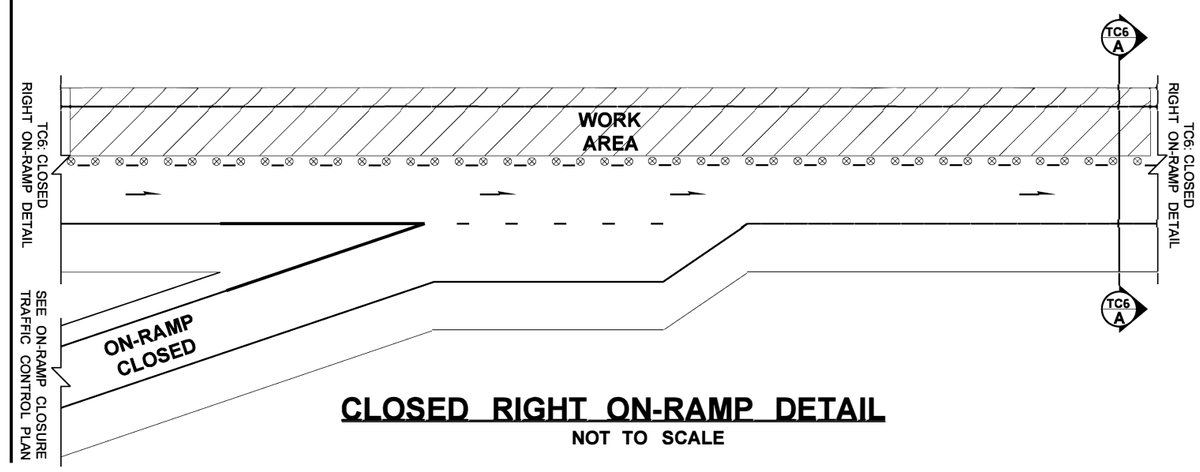
OPEN RIGHT EXIT-RAMP DETAIL

NOT TO SCALE



OPEN RIGHT ON-RAMP DETAIL

NOT TO SCALE



CLOSED RIGHT ON-RAMP DETAIL

NOT TO SCALE

CLOSED RIGHT EXIT-RAMP DETAIL

RIGHT EXIT-RAMPS ARE TO REMAIN OPEN WITH THIS LEFT LANE CLOSURE CONFIGURATION

FREEWAY (2+ LANES): SINGLE LEFT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
TIME	4:40:45 PM				JOB NUMBER 22Y008		
DATE	4/7/2022				CONTRACT NO.		LOCATION NO.
PLOTTED BY	kolzowa						
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	W. MWANGI						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 7

PLAN REF NO TC7

SHEET 83 OF 91 SHEETS

ON-RAMP SHIFT TAPER LENGTH = L/2							
RAMP SHIFT	SPEED (MPH)	50	55	60	65	70	75
1 Lane @ 12'	L/2 (feet)	320	360	360	400	440	480

MIN. ON-RAMP ACCELERATION TANGENT LENGTH = L/2							
LANE WIDTH	SPEED (MPH)	50	55	60	65	70	75
12 feet	L/2 (feet)	320	360	360	400	440	480

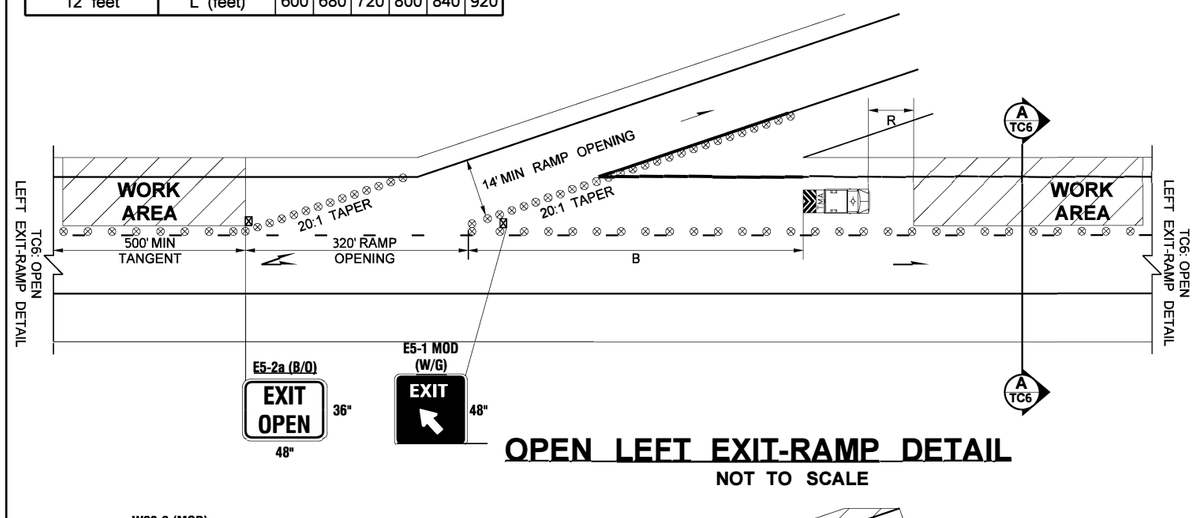
ON-RAMP MERGE TAPER LENGTH = L							
LANE WIDTH	SPEED (MPH)	50	55	60	65	70	75
12 feet	L (feet)	600	680	720	800	840	920

LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	730	820

MOBILE TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	172'	222'	100'	150'	172'

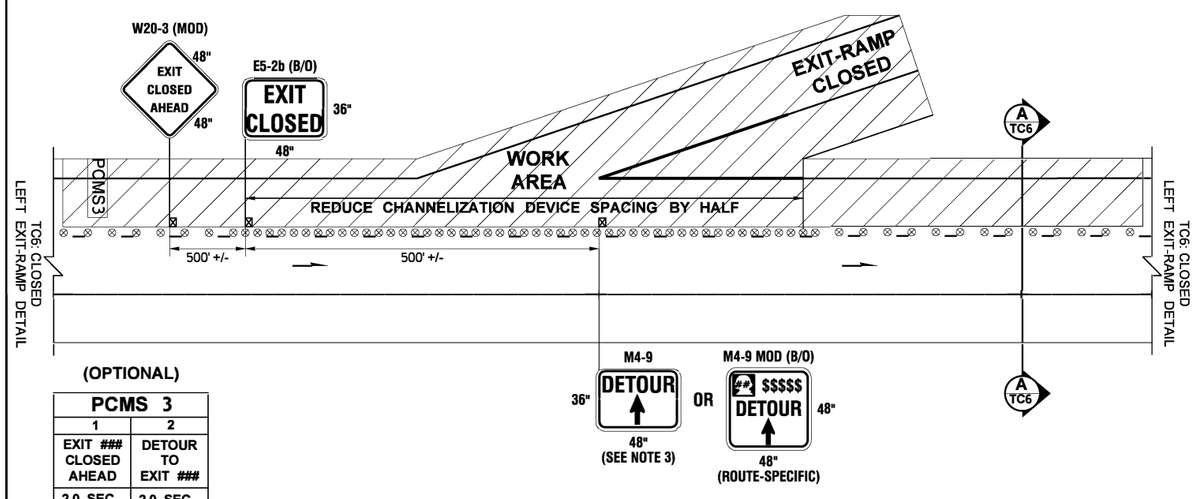
NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC6.
2. ACTUAL NUMBER OF LANES MAY VARY.
3. SEE DETOUR PLAN FOR ADDITIONAL RAMP CLOSURE DETOUR SIGNAGE.



OPEN LEFT EXIT-RAMP DETAIL

NOT TO SCALE



(OPTIONAL)

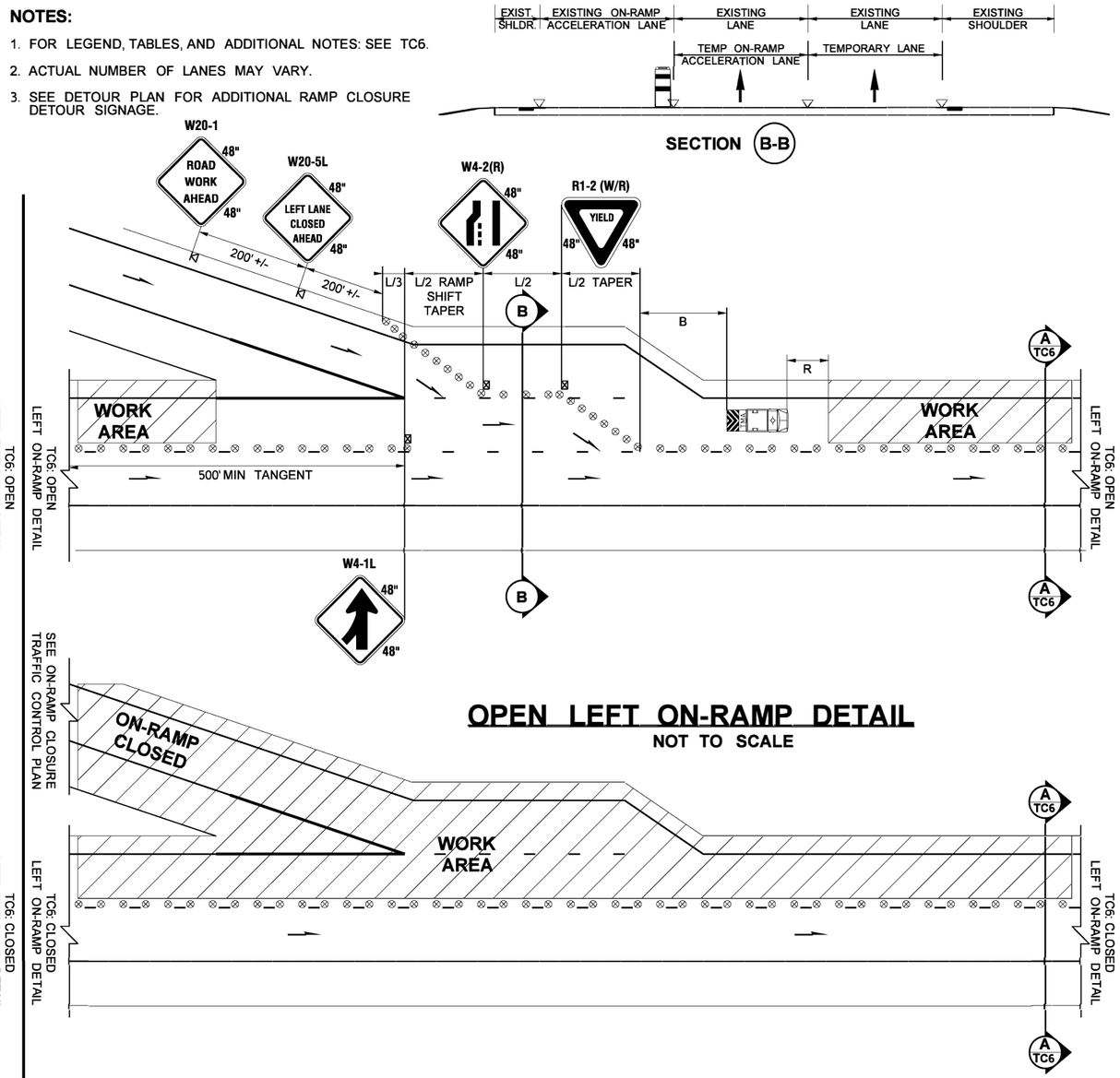
PCMS 3	
1	2
EXIT ### CLOSED AHEAD	DETOUR TO EXIT ###
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-3 (MOD) SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

CLOSED LEFT EXIT-RAMP DETAIL

NOT TO SCALE



OPEN LEFT ON-RAMP DETAIL

NOT TO SCALE

CLOSED LEFT ON-RAMP DETAIL

NOT TO SCALE

FREEWAY (2+ LANES): SINGLE LEFT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn						
TIME	4:40:54 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)
DATE	4/7/2022				JOB NUMBER 22Y008		
PLOTTED BY	kolzowa				CONTRACT NO.		LOCATION NO.
DESIGNED BY	T. RUTSCHILLING						
ENTERED BY	W. MWANGI						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 8

PLAN REF NO TC8

SHEET 84 OF 91 SHEETS

PCMS 1	
1	2
SLOW TRAFFIC AHEAD	NEXT # MILES
2.0 SEC	2.0 SEC

FIELD LOCATE AT LEAST 1/2 +/- MILE IN ADVANCE OF PCMS 2.

RELOCATE AS NEEDED TO REMAIN 1 +/- MILE IN ADVANCE OF QUEUE.

PCMS MAY BE TRUCK MOUNTED; IF SO, THE THREE TRANSVERSE DRUMS ARE OPTIONAL.

REMOVE WHEN QUEUE NO LONGER PRESENT.

= APPROXIMATE QUEUE LENGTH ROUNDED UP TO NEAREST MILE

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

PCMS 2	
1	2
RIGHT LANE CLOSED	1 MILE AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-1 SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	50-75 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 RESIDENTAL & BUSINESS DISTRICTS	25-30 MPH	**200' +/- (2)**
URBAN STREETS	25 MPH OR LESS	**100' +/- (2)**

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.

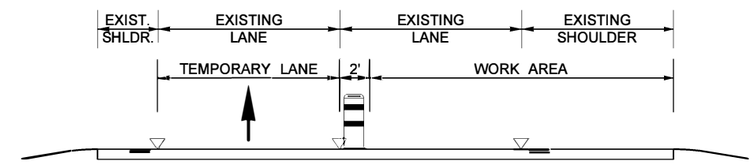
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

MINIMUM LANE CLOSURE TAPER LENGTH = L													
LANE WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
12'	L (feet)	80	140	180	270	330	540	600	680	720	800	840	920
SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													

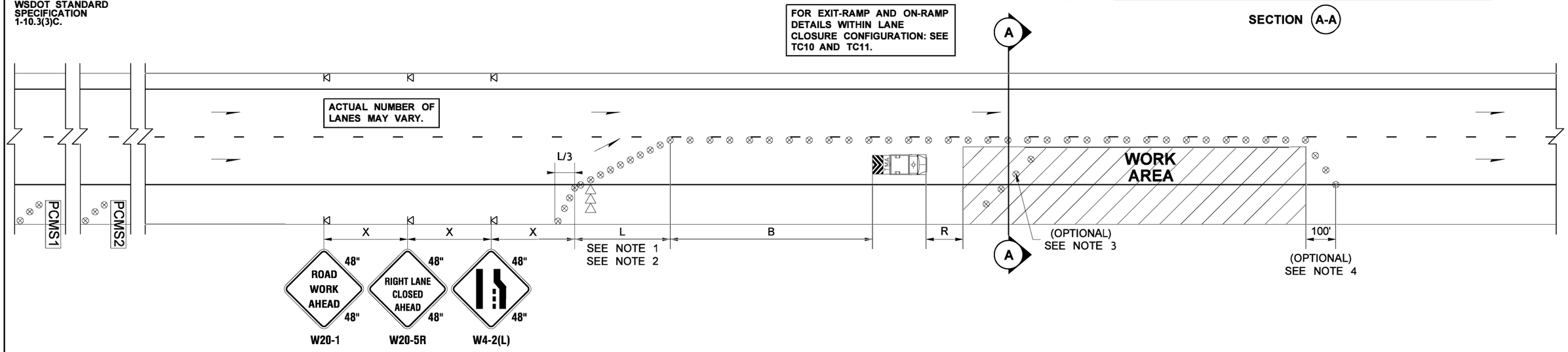
LONGITUDINAL BUFFER SPACE = B												
SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
LENGTH (feet)	115	155	200	250	305	360	425	495	570	645	730	820

STATIONARY TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	123'	172'	74'	100'	150'



SECTION A-A

FOR EXIT-RAMP AND ON-RAMP DETAILS WITHIN LANE CLOSURE CONFIGURATION: SEE TC10 AND TC11.



LEGEND

- TEMPORARY SIGN LOCATION
- TEMPORARY SIGN LOCATION (5' MIN. HEIGHT)
- TRAFFIC SAFETY DRUM (DOUBLE BASE)
- RADAR SPEED DISPLAY SIGN
- SEQUENTIAL ARROW SIGN
- TRANSPORTABLE ATTENUATOR
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. DISTANCE BETWEEN LANE CLOSURE TAPER AND ALL OPEN RAMPS SHALL BE 500' MINIMUM.
2. IF FEASIBLE, AVOID PLACING LANE CLOSURE TAPER WITHIN LIMITS OF HORIZONTAL CURVES.
3. PLACE TRANSVERSELY ACROSS CLOSURE AT A 45° ANGLE WITH 5' SPACING AT STRATEGIC LOCATIONS OR EVERY 1000' +/-.
4. REOPENING TAPER OPTIONAL TO ALLOW FOR CONSTRUCTION VEHICLES TO ACCELERATE STRAIGHT OUT OF WORK AREA INTO THE RIGHT LANE.
5. SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE INDICATED.
6. THIS TRAFFIC CONTROL PLAN IS APPLICABLE TO SHORT-TERM AND INTEMEDIATE-TERM DURATION LANE CLOSURES OF 3 DAYS OR LESS.

FREEWAY (2+ LANES): SINGLE RIGHT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn				
TIME	8:48:38 AM				
DATE	4/11/2022				
PLOTTED BY	kolzowa				
DESIGNED BY	T. RUTSCHILLING				
ENTERED BY	W. MWANGI				
CHECKED BY	J. TRUDEAU				
PROJ. ENGR.	A. BYRD				
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 10

PLAN REF NO TC9

SHEET 85 OF 91 SHEETS

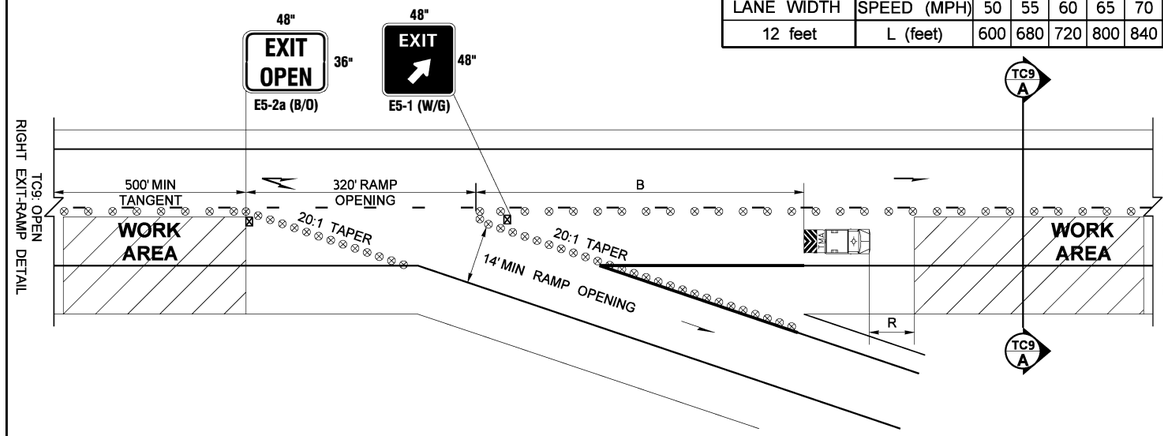
NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC9.
2. ACTUAL NUMBER OF LANES MAY VARY.
3. SEE DETOUR PLAN FOR ADDITIONAL RAMP CLOSURE DETOUR SIGNAGE.

ON-RAMP SHIFT TAPER LENGTH = L/2							
RAMP SHIFT	SPEED (MPH)	50	55	60	65	70	75
1 Lane @ 12'	L/2 (feet)	320	360	360	400	440	480

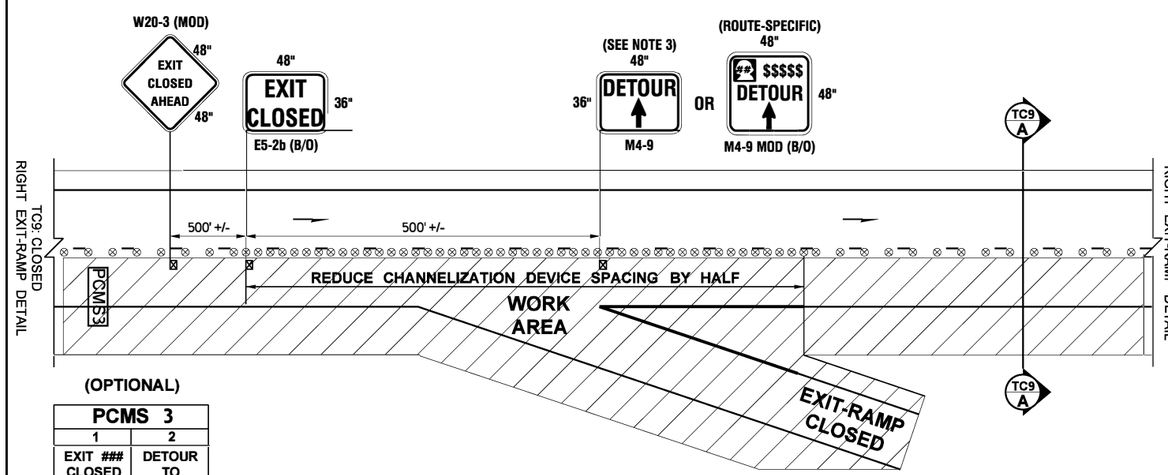
MIN. ON-RAMP ACCELERATION TANGENT LENGTH = L/2							
LANE WIDTH	SPEED (MPH)	50	55	60	65	70	75
12 feet	L/2 (feet)	320	360	360	400	440	480

ON-RAMP MERGE TAPER LENGTH = L							
LANE WIDTH	SPEED (MPH)	50	55	60	65	70	75
12 feet	L (feet)	600	680	720	800	840	920



OPEN RIGHT EXIT-RAMP DETAIL

NOT TO SCALE



(OPTIONAL)

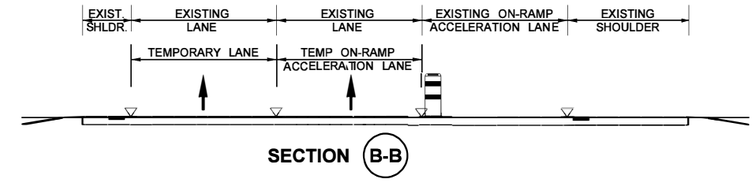
PCMS 3	
1	2
EXIT ### CLOSED AHEAD	DETOUR TO EXIT ###
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-3 (MOD) SIGN.

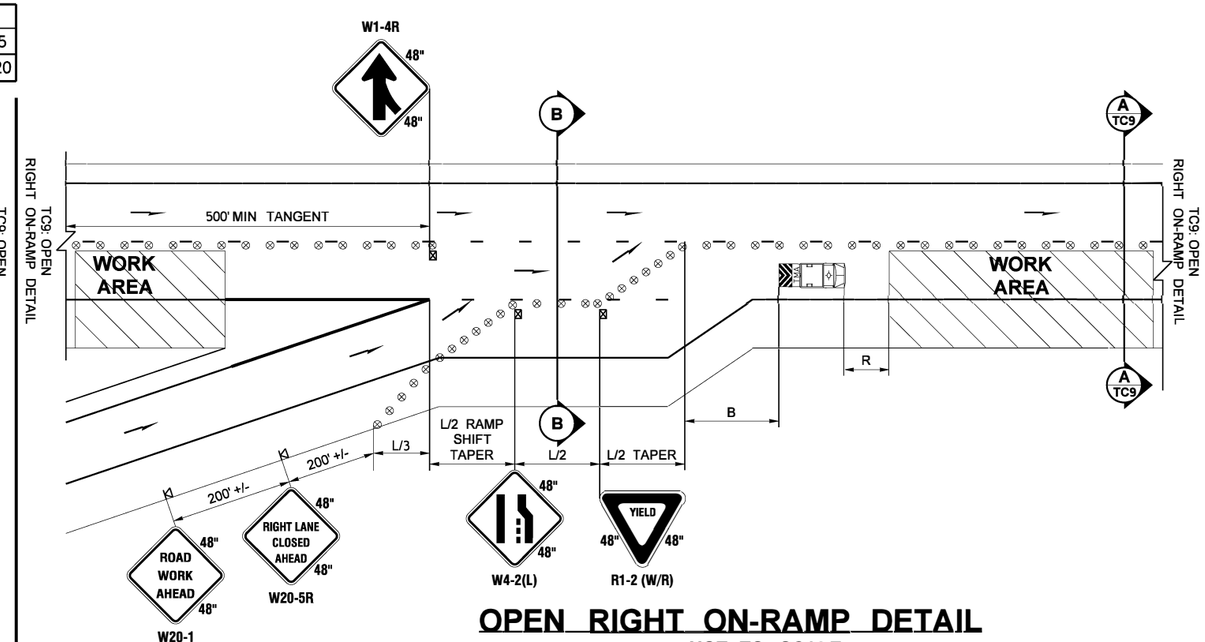
LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

CLOSED RIGHT EXIT-RAMP DETAIL

NOT TO SCALE

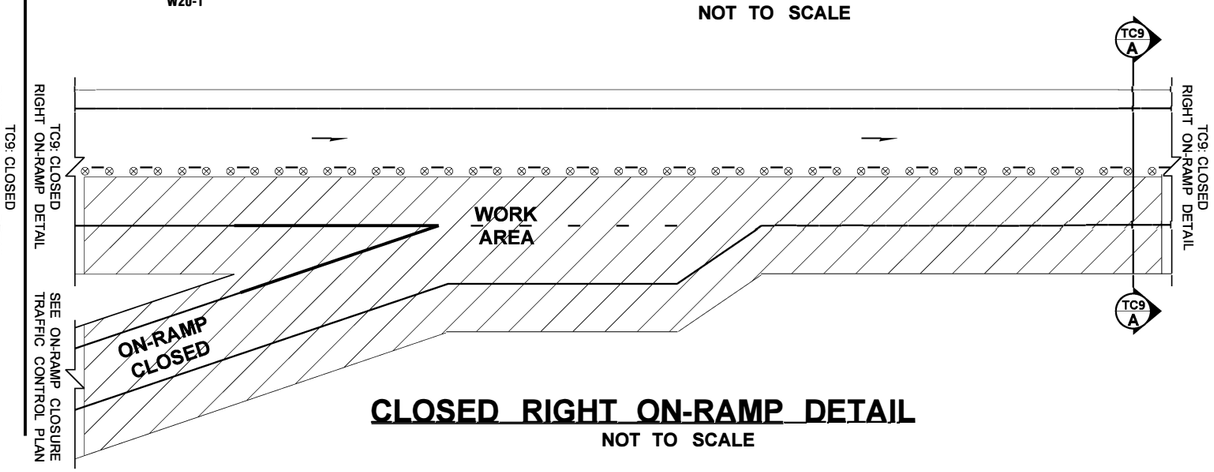


SECTION B-B



OPEN RIGHT ON-RAMP DETAIL

NOT TO SCALE



CLOSED RIGHT ON-RAMP DETAIL

NOT TO SCALE

FREEWAY (2+ LANES): SINGLE RIGHT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:41:08 PM				10	WASH	
DATE	4/7/2022				JOB NUMBER		
PLOTTED BY	kolzowa				22Y008		
DESIGNED BY	T. RUTSCHILLING				CONTRACT NO.		LOCATION NO.
ENTERED BY	W. MWANGI						
CHECKED BY	J. TRUDEAU						
PROJ. ENGR.	A. BYRD						
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

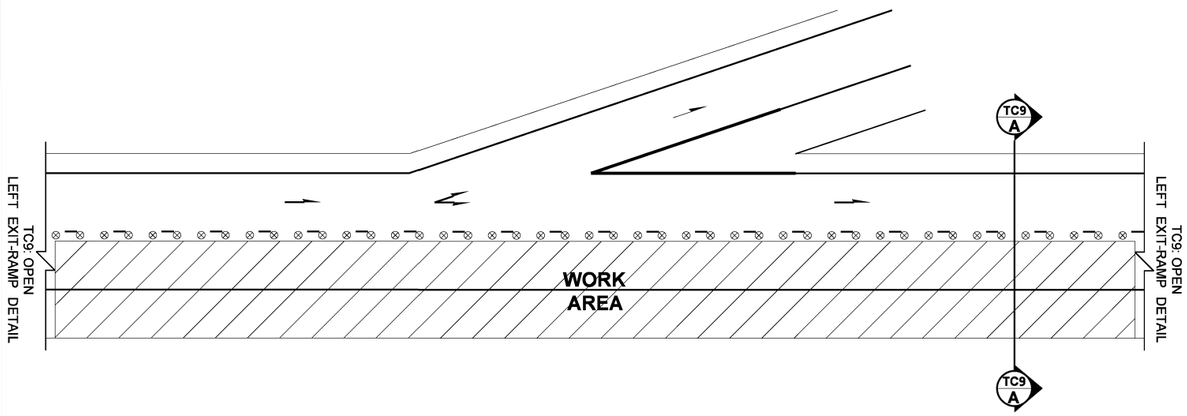
Plot 11

PLAN REF NO TC10

SHEET 86 OF 91 SHEETS

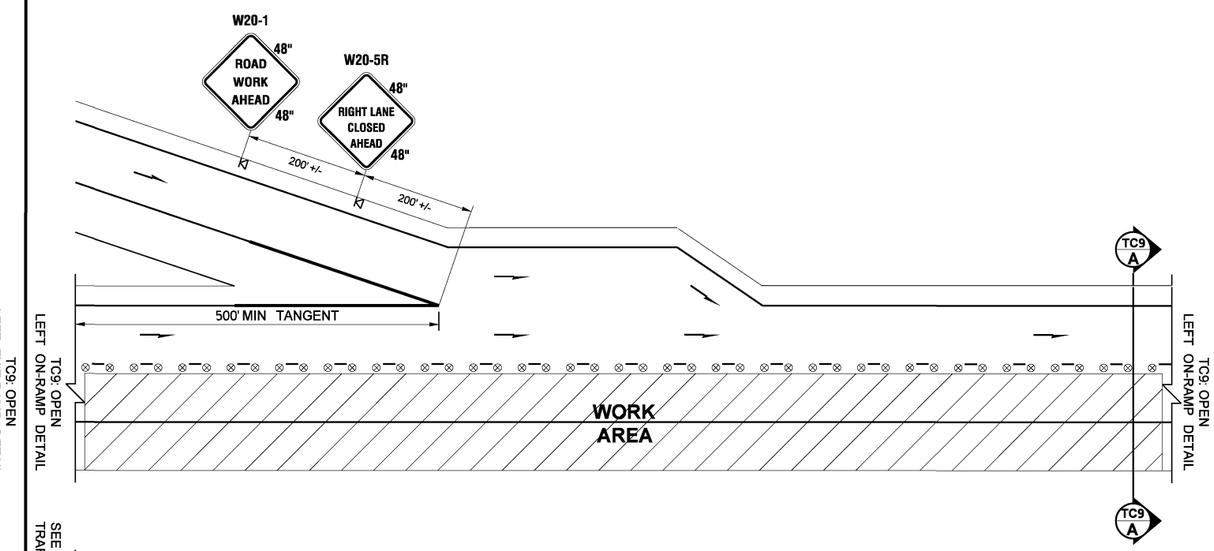
NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC9.
2. ACTUAL NUMBER OF LANES MAY VARY.



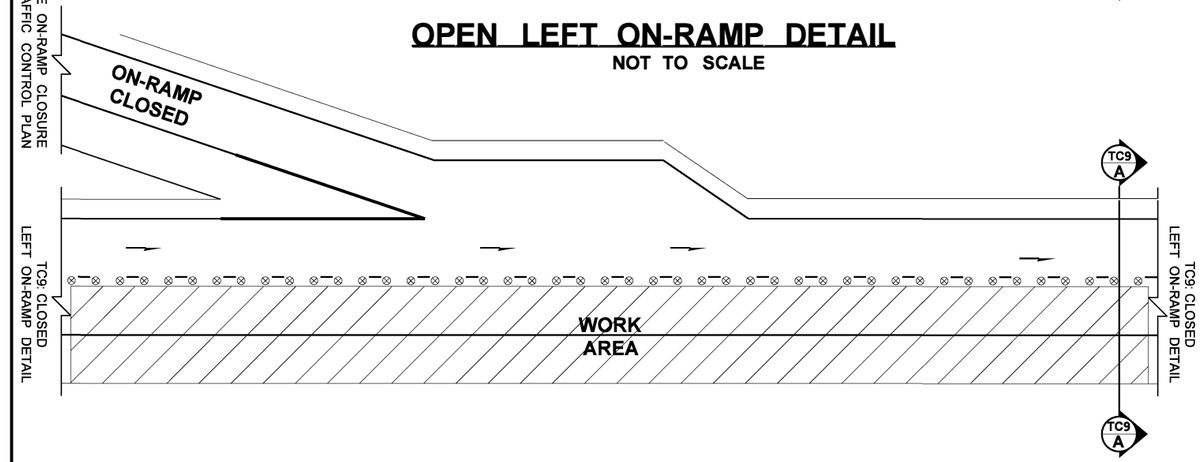
OPEN LEFT EXIT-RAMP DETAIL

NOT TO SCALE



OPEN LEFT ON-RAMP DETAIL

NOT TO SCALE



CLOSED LEFT ON-RAMP DETAIL

NOT TO SCALE

CLOSED LEFT EXIT-RAMP DETAIL

LEFT EXIT-RAMPS ARE TO REMAIN OPEN WITH THIS
RIGHT LANE CLOSURE CONFIGURATION

FREEWAY (2+ LANES): SINGLE RIGHT LANE CLOSURE WITH NO LANE SHIFTS (EXISTING SPEED LIMIT MAINTAINED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NHPP-0821(095)	Washington State Department of Transportation
TIME	4:41:15 PM							
DATE	4/7/2022							
PLOTTED BY	kolzowa				JOB NUMBER 22Y008			
DESIGNED BY	T. RUTSCHILLING							
ENTERED BY	W. MWANGI							
CHECKED BY	J. TRUDEAU				CONTRACT NO.		LOCATION NO.	
PROJ. ENGR.	A. BYRD							
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY				

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 12

PLAN REF NO TC11

SHEET 87 OF 91 SHEETS

PCMS 1	
1	2
SLOW TRAFFIC AHEAD	NEXT # MILES
2.0 SEC	2.0 SEC

FIELD LOCATE AT LEAST 1/2 +/- MILE IN ADVANCE OF PCMS 2.

RELOCATE AS NEEDED TO REMAIN 1 +/- MILE IN ADVANCE OF QUEUE.

PCMS MAY BE TRUCK MOUNTED; IF SO, THE THREE TRANSVERSE DRUMS ARE OPTIONAL.

REMOVE WHEN QUEUE NO LONGER PRESENT.

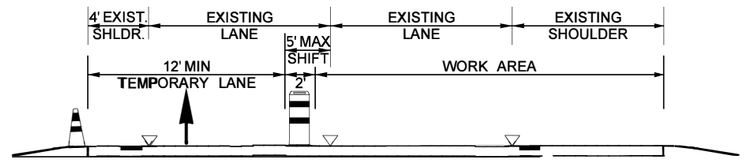
= APPROXIMATE QUEUE LENGTH ROUNDED UP TO NEAREST MILE

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

PCMS 2	
1	2
ROAD NARROWS	SHOULDER DRIVING AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-1 SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

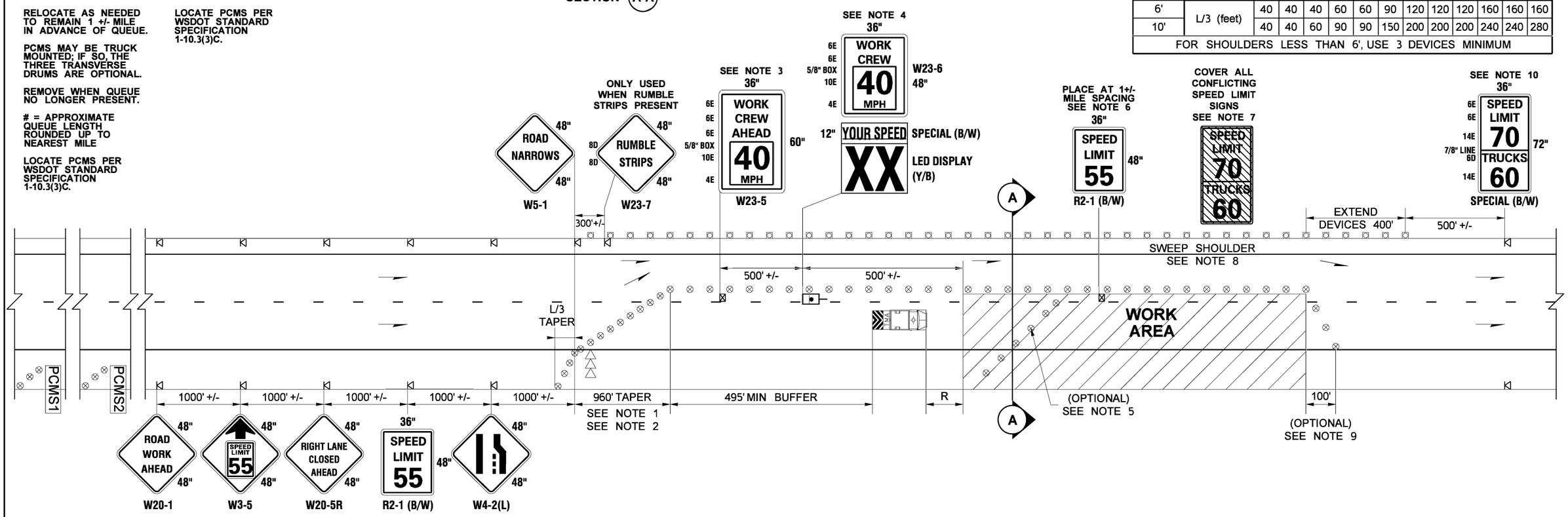


SECTION (A-A)

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

STATIONARY TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	123'	172'	74'	100'	150'

SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													



LEGEND

- TEMPORARY SIGN LOCATION
- TEMPORARY SIGN LOCATION (5' MIN. HEIGHT)
- TRAFFIC SAFETY DRUM (DOUBLE BASE)
- RADAR SPEED DISPLAY SIGN
- SEQUENTIAL ARROW SIGN
- TRANSPORTABLE ATTENUATOR
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. DISTANCE BETWEEN LANE CLOSURE/SHIFT TAPERS AND ALL OPEN RAMPS SHALL BE 500' MINIMUM.

2. IF FEASIBLE, AVOID PLACING LANE CLOSURE/SHIFT TAPERS WITHIN LIMITS OF HORIZONTAL CURVES.

3. RELOCATE TO REMAIN 1000' +/- PRIOR TO WORK AREA. AS ORDERED BY THE ENGINEER, ADDITIONAL SIGN MAY BE USED 1000' +/- PRIOR TO EACH WORK CREW WITHIN WORK AREA.

4. RELOCATE TO REMAIN 500' +/- PRIOR TO WORK AREA. AS ORDERED BY THE ENGINEER, ADDITIONAL SPEED RADAR DISPLAY SIGN MAY BE USED 500' +/- PRIOR TO EACH WORK CREW WITHIN WORK AREA.

5. PLACE TRANSVERSELY ACROSS CLOSURE AT A 45° ANGLE WITH 5' SPACING AT STRATEGIC LOCATIONS OR EVERY 1000' +/-.

6. PLACE ADDITIONAL R2-1 SIGNS POSITIONED AS NOT TO CONFLICT WITH THE ADVISORY SPEED SIGNAGE.

7. ALL SPEED LIMIT SIGNS CONFLICTING WITH WORK ZONE SPEED LIMIT SHALL BE COVERED PER STANDARD SPECIFICATIONS 8-21.3(3).

8. PRIOR TO SHIFTING TRAFFIC, LEFT SHOULDER AND LEFT RAMP GORES SHALL BE SWEPT THROUGHOUT LIMITS OF TRAFFIC SHIFT.

9. REOPENING TAPER OPTIONAL TO ALLOW FOR CONSTRUCTION VEHICLES TO ACCELERATE STRAIGHT OUT OF WORK AREA INTO THE RIGHT LANE.

10. OPTIONAL IF PERMANENT SPEED LIMIT SIGNS ARE WITHIN 1500' +/- OF THE REOPENING TAPER.

11. FOR ROADWAY WIDTH RESTRICTIONS OF LESS THAN 16 FEET, CONTACT WSDOT COMMERCIAL VEHICLE SERVICES IN ADVANCE FOR OVERSIZE FREIGHT WIDTH RESTRICTIONS.

12. WHEN TRAFFIC SHIFTED ONTO PAVED SHOULDERS OR ACROSS GORES, VERIFY CROSS-SLOPE IS TRAVERSABLE.

13. IF ROADWAY NARROWS (AT BRIDGES, ETC.) WHEN TRAFFIC SHIFTED ONTO PAVED SHOULDER, MAINTAIN 12' MINIMUM LANE WIDTH BY SHIFTING OPEN LANE AT 55:1 TAPER AS NECESSARY WITH APPROPRIATE W1-4R AND W1-4L SIGNAGE PLACED 500' +/- PRIOR.

14. SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE INDICATED.

15. THIS TRAFFIC CONTROL PLAN IS APPLICABLE TO SHORT-TERM AND INTEMEDIATE-TERM DURATION LANE CLOSURES OF 3 DAYS OR LESS.

SINGLE RIGHT LANE CLOSURE WITH SHIFT ONTO LEFT SHOULDER
(70 MPH TO 55 MPH VARIABLE WORK ZONE SPEED LIMIT REDUCTION, 40 MPH ADVISORY SPEED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	4:41:21 PM
DATE	4/7/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

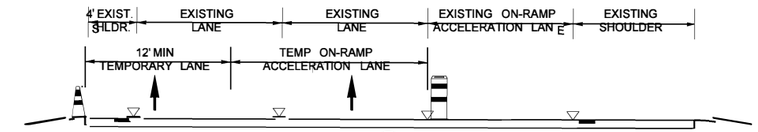
Plot 14

PLAN REF NO TC12

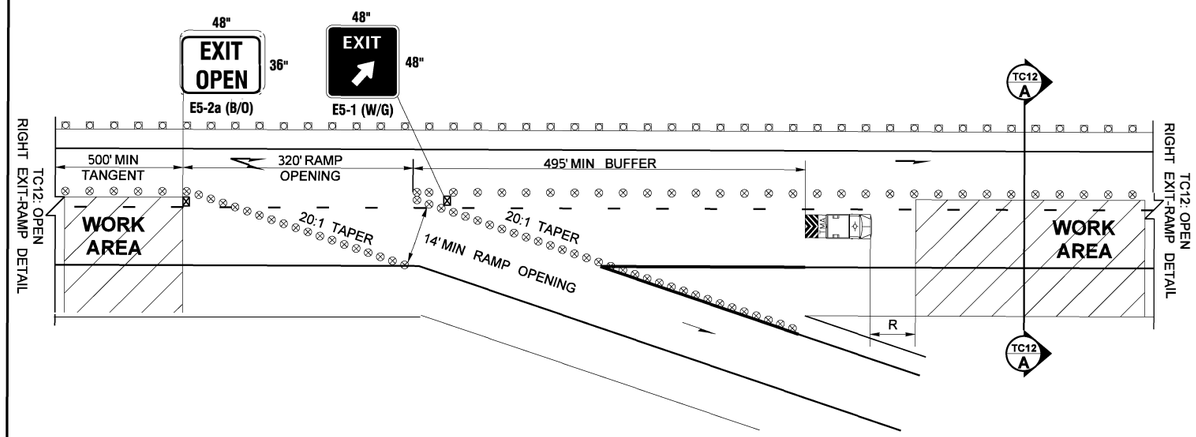
SHEET 88 OF 91 SHEETS

NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC12.
2. SEE DETOUR PLAN FOR ADDITIONAL RAMP CLOSURE DETOUR SIGNAGE.

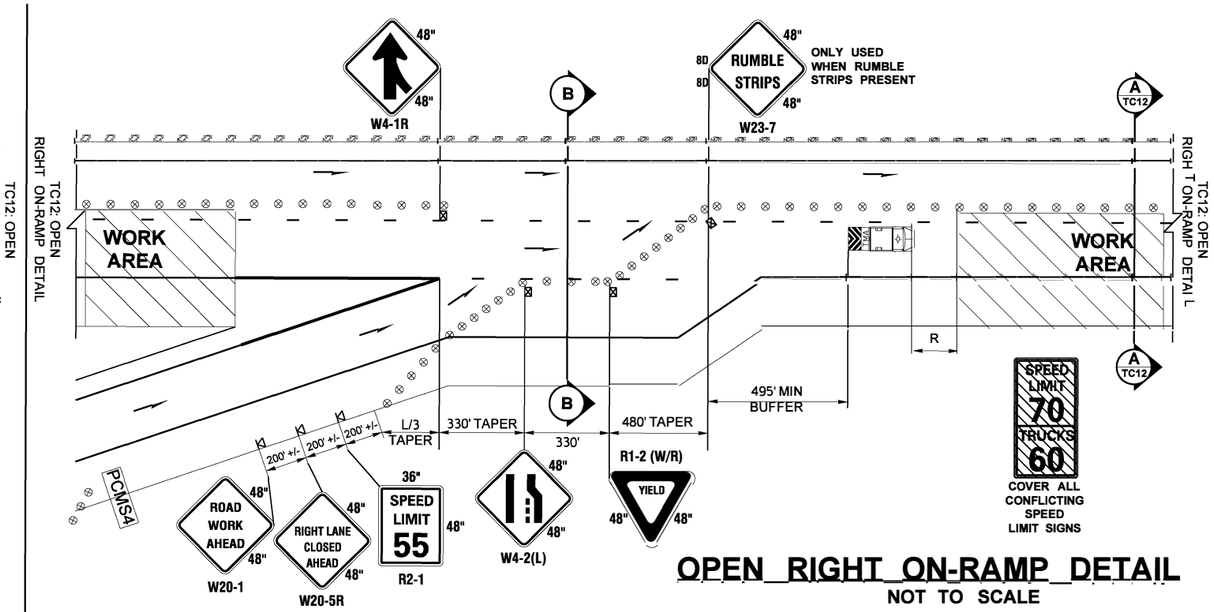


SECTION B-B



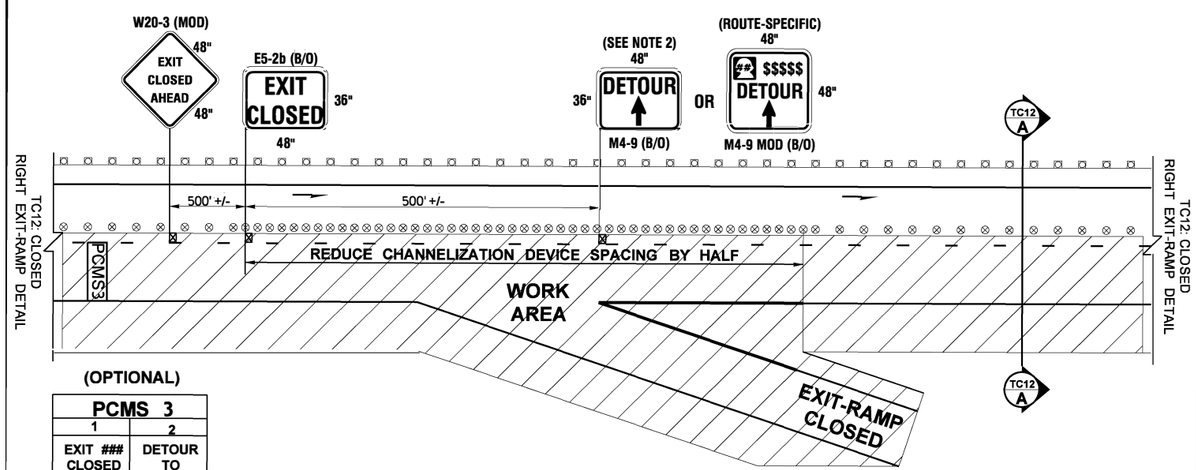
OPEN RIGHT EXIT-RAMP DETAIL

NOT TO SCALE



OPEN RIGHT ON-RAMP DETAIL

NOT TO SCALE



(OPTIONAL)

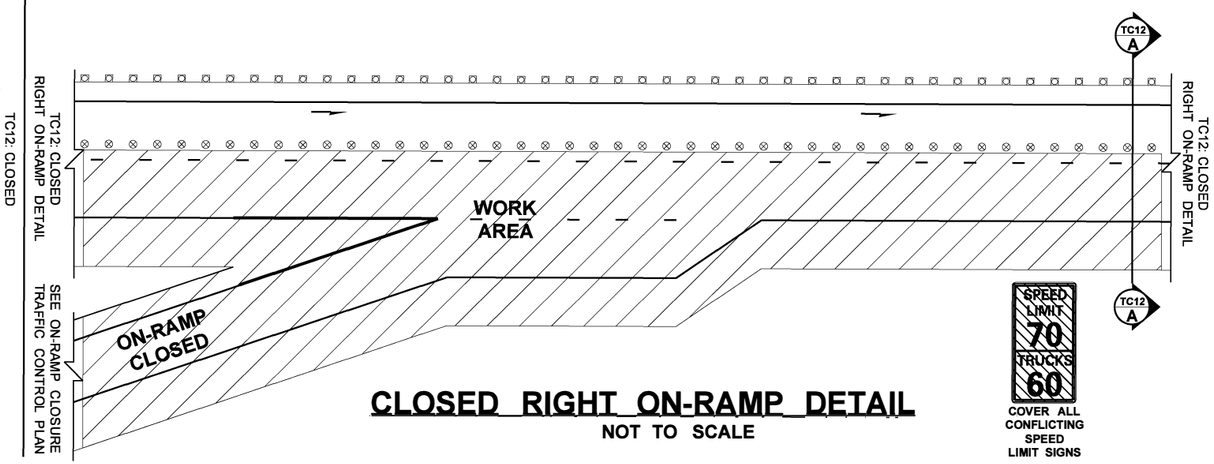
PCMS 3	
1	2
EXIT ### CLOSED AHEAD	DETOUR TO EXIT ###
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-3 (MOD) SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

CLOSED RIGHT EXIT-RAMP DETAIL

NOT TO SCALE



CLOSED RIGHT ON-RAMP DETAIL

NOT TO SCALE

SINGLE RIGHT LANE CLOSURE WITH SHIFT ONTO LEFT SHOULDER (70 MPH TO 55 MPH VARIABLE WORK ZONE SPEED LIMIT REDUCTION, 40 MPH ADVISORY SPEED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389 Selah Creek to Yakima Vicinity - Paving\Design\ CAD\ Sheets\410-WZTCPlan\XL6285_PS_TC.dgn					
TIME	4:41:28 PM					
DATE	4/7/2022					
PLOTTED BY	kolzowa					
DESIGNED BY	T. RUTSCHILLING					
ENTERED BY	W. MWANGI					
CHECKED BY	J. TRUDEAU					
PROJ. ENGR.	A. BYRD					
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY		

REGION NO	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 15

PLAN REF NO TC13

SHEET 89 OF 91 SHEETS

PCMS 1	
1	2
SLOW TRAFFIC AHEAD	NEXT # MILES
2.0 SEC	2.0 SEC

FIELD LOCATE AT LEAST 1/2 +/- MILE IN ADVANCE OF PCMS 2.

RELOCATE AS NEEDED TO REMAIN 1 +/- MILE IN ADVANCE OF QUEUE.

PCMS MAY BE TRUCK MOUNTED; IF SO, THE THREE TRANSVERSE DRUMS ARE OPTIONAL.

REMOVE WHEN QUEUE NO LONGER PRESENT.

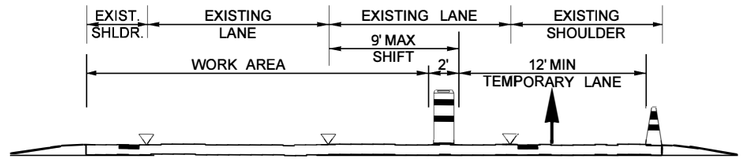
= APPROXIMATE QUEUE LENGTH ROUNDED UP TO NEAREST MILE

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

PCMS 2	
1	2
ROAD NARROWS	SHOULDER DRIVING AHEAD
2.0 SEC	2.0 SEC

FIELD LOCATE 1/4 +/- MILE IN ADVANCE OF W20-1 SIGN.

LOCATE PCMS PER WSDOT STANDARD SPECIFICATION 1-10.3(3)C.

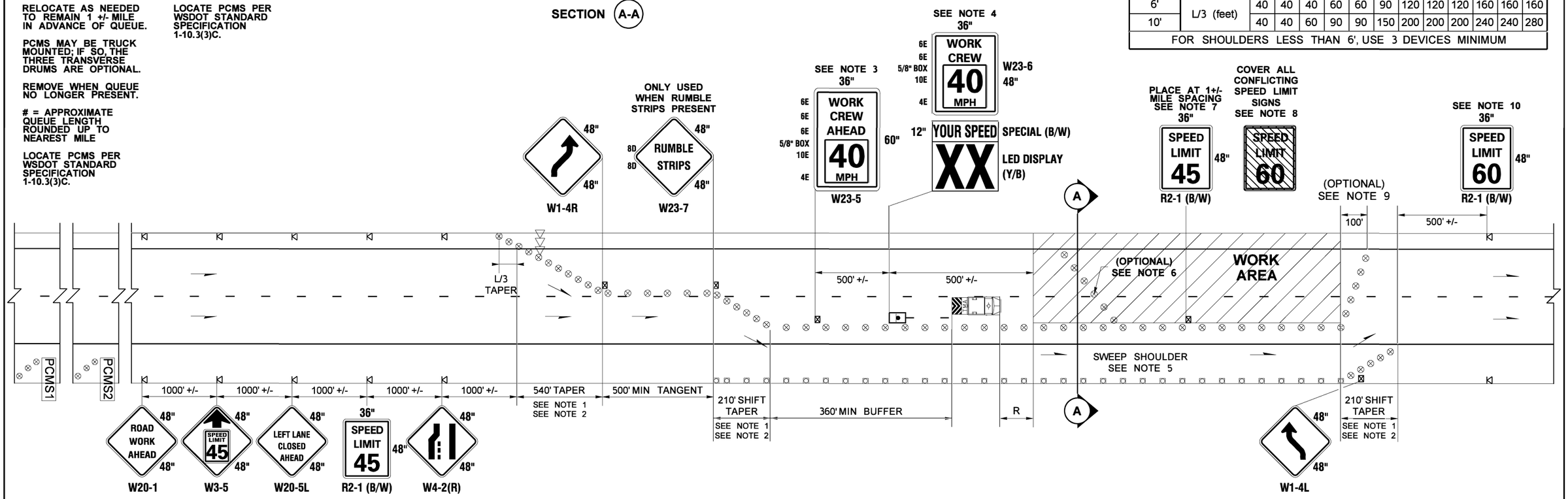


SECTION (A-A)

MAXIMUM CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50-75	40	80
35-45	30	60
20-30	20	40

STATIONARY TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT 22,001+ lbs.		
UP TO 40 MPH	45-55 MPH	60+ MPH	UP TO 40 MPH	45-55 MPH	60+ MPH
100'	123'	172'	74'	100'	150'

SHOULDER CLOSURE TAPER LENGTH = L/3													
SHOULDER WIDTH	SPEED (MPH)	20	25	30	35	40	45	50	55	60	65	70	75
6'	L/3 (feet)	40	40	40	60	60	90	120	120	120	160	160	160
10'		40	40	60	90	90	150	200	200	200	240	240	280
FOR SHOULDERS LESS THAN 6', USE 3 DEVICES MINIMUM													



LEGEND

- TEMPORARY SIGN LOCATION
- TEMPORARY SIGN LOCATION (5' MIN. HEIGHT)
- TRAFFIC SAFETY DRUM (DOUBLE BASE)
- RADAR SPEED DISPLAY SIGN
- SEQUENTIAL ARROW SIGN
- TRANSPORTABLE ATTENUATOR
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. DISTANCE BETWEEN LANE CLOSURE/SHIFT TAPERS AND ALL OPEN RAMPS SHALL BE 500' MINIMUM.

2. IF FEASIBLE, AVOID PLACING LANE CLOSURE/SHIFT TAPERS WITHIN LIMITS OF HORIZONTAL CURVES.

3. RELOCATE TO REMAIN 1000' +/- PRIOR TO WORK AREA. AS ORDERED BY THE ENGINEER, ADDITIONAL SIGN MAY BE USED 1000' +/- PRIOR TO EACH WORK CREW WITHIN WORK AREA.

4. RELOCATE TO REMAIN 500' +/- PRIOR TO WORK AREA. AS ORDERED BY THE ENGINEER, ADDITIONAL SPEED RADAR DISPLAY SIGN MAY BE USED 500' +/- PRIOR TO EACH WORK CREW WITHIN WORK AREA.

5. PRIOR TO SHIFTING TRAFFIC, RIGHT SHOULDER AND RIGHT RAMP GORES SHALL BE SWEPT THROUGHOUT LIMITS OF TRAFFIC SHIFT.

6. PLACE TRANSVERSELY ACROSS CLOSURE AT A 45° ANGLE WITH 5' SPACING AT STRATEGIC LOCATIONS OR EVERY 1000' +/-.

7. PLACE ADDITIONAL R2-1 SIGNS POSITIONED AS NOT TO CONFLICT WITH THE ADVISORY SPEED SIGNAGE.

8. ALL SPEED LIMIT SIGNS CONFLICTING WITH WORK ZONE SPEED LIMIT SHALL BE COVERED PER STANDARD SPECIFICATIONS 8-21.3(3).

9. REOPENING TAPER OPTIONAL TO ALLOW FOR CONSTRUCTION VEHICLES TO ACCELERATE STRAIGHT OUT OF WORK AREA INTO THE LEFT LANE.

10. OPTIONAL IF PERMANENT SPEED LIMIT SIGNS ARE WITHIN 1500' +/- OF THE REOPENING TAPER.

11. FOR ROADWAY WIDTH RESTRICTIONS OF LESS THAN 16 FEET, CONTACT WSDOT COMMERCIAL VEHICLE SERVICES IN ADVANCE FOR OVERSIZE FREIGHT WIDTH RESTRICTIONS.

12. WHEN TRAFFIC SHIFTED ONTO PAVED SHOULDERS OR ACROSS GORES, VERIFY CROSS-SLOPE IS TRAVERSABLE.

13. IF ROADWAY NARROWS (AT BRIDGES, ETC.) WHEN TRAFFIC SHIFTED ONTO PAVED SHOULDER, MAINTAIN 12' MINIMUM LANE WIDTH BY SHIFTING OPEN LANE AT 45:1 TAPER AS NECESSARY WITH APPROPRIATE W1-4L AND W1-4R SIGNAGE PLACED 500' +/- PRIOR.

14. SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE INDICATED.

15. THIS TRAFFIC CONTROL PLAN IS APPLICABLE TO SHORT-TERM AND INTEMEDIATE-TERM DURATION LANE CLOSURES OF 3 DAYS OR LESS.

SINGLE LEFT LANE CLOSURE WITH SHIFT ONTO RIGHT SHOULDER
(60 MPH TO 45 MPH VARIABLE WORK ZONE SPEED LIMIT REDUCTION, 40 MPH ADVISORY SPEED)

NOT TO SCALE

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn
TIME	4:41:36 PM
DATE	4/7/2022
PLOTTED BY	kolzowa
DESIGNED BY	T. RUTSCHILLING
ENTERED BY	W. MWANGI
CHECKED BY	J. TRUDEAU
PROJ. ENGR.	A. BYRD
REGIONAL ADM.	T. TREPANIER

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

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Washington State Department of Transportation

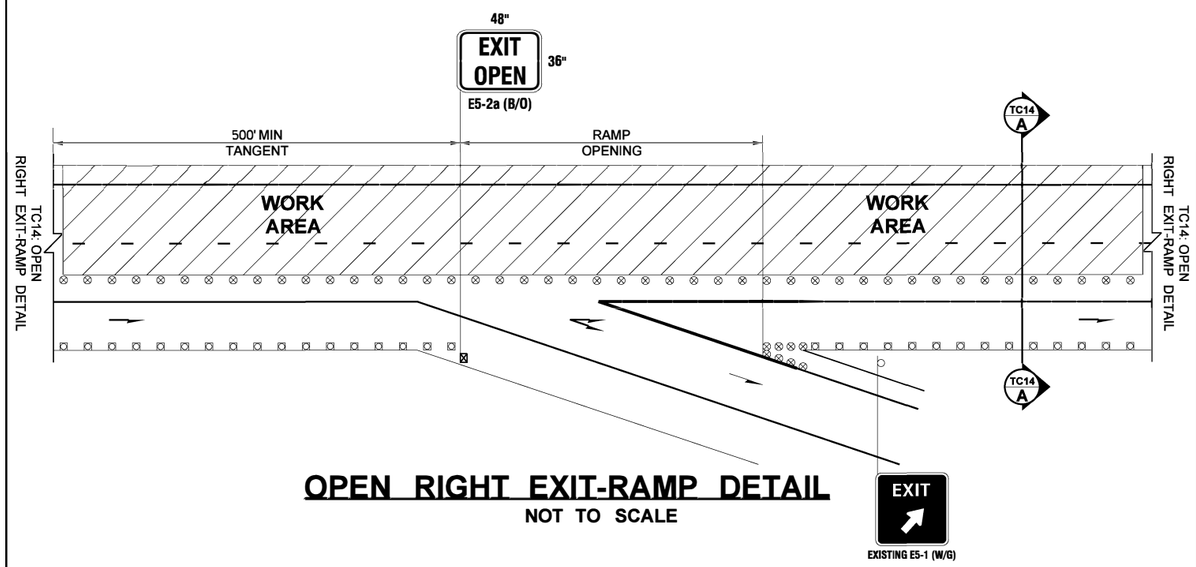
I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 17
PLAN REF NO TC14
SHEET 90 OF 91 SHEETS

NOTES:

1. FOR LEGEND, TABLES, AND ADDITIONAL NOTES: SEE TC14.

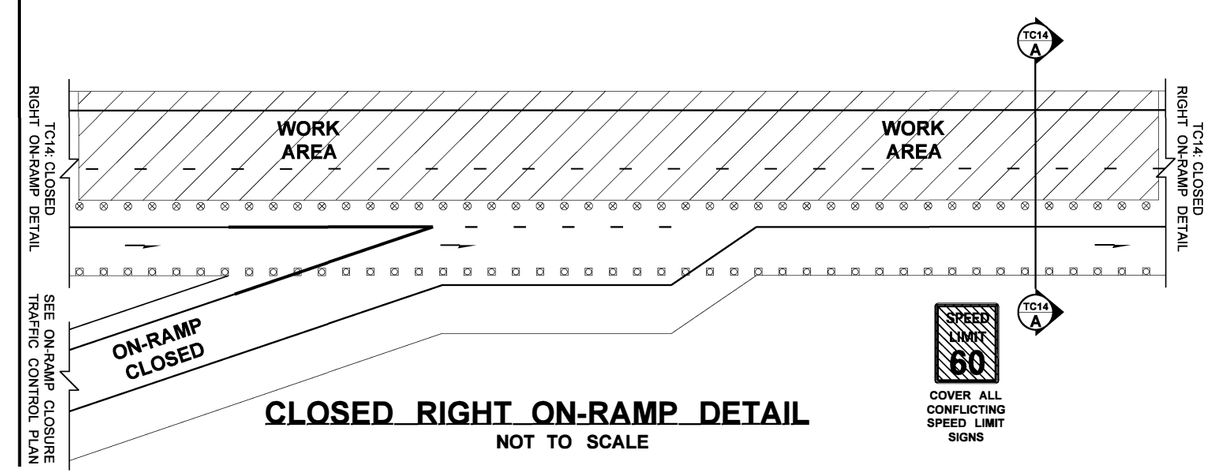


OPEN RIGHT EXIT-RAMP DETAIL

NOT TO SCALE

OPEN RIGHT ON-RAMP DETAIL

RIGHT ON-RAMPS ARE TO REMAIN CLOSED WITH THIS SHIFTED SINGLE LEFT LANE CLOSURE CONFIGURATION



CLOSED RIGHT EXIT-RAMP DETAIL

RIGHT EXIT-RAMPS ARE TO REMAIN OPEN WITH THIS SHIFTED SINGLE LEFT LANE CLOSURE CONFIGURATION

CLOSED RIGHT ON-RAMP DETAIL

NOT TO SCALE

SINGLE LEFT LANE CLOSURE WITH SHIFT ONTO RIGHT SHOULDER (60 MPH TO 45 MPH VARIABLE WORK ZONE SPEED LIMIT REDUCTION, 40 MPH ADVISORY SPEED)

FILE NAME	K:\452201\082\02389_Selah Creek to Yakima Vicinity - Paving\Design_CAD_Sheets\410-WZTCPlan\XL6285_PS_TC.dgn			
TIME	4:41:42 PM			
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PLOTTED BY	kolzowa			
DESIGNED BY	T. RUTSCHILLING			
ENTERED BY	W. MWANGI			
CHECKED BY	J. TRUDEAU			
PROJ. ENGR.	A. BYRD			
REGIONAL ADM.	T. TREPANIER	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NHPP-0821(095)
JOB NUMBER 22Y008		
CONTRACT NO.		LOCATION NO.

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Washington State Department of Transportation

I-82
SELAH CREEK BRIDGE TO YAKIMA
VICINITY PAVING & JOINT REPAIR

TRAFFIC CONTROL PLAN

Plot 18

PLAN REF NO TC15

SHEET 91 OF 91 SHEETS