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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	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_&_XL6261_PS_01_IN.dgn
TIME	4:43:30 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NHPP-9999(873)

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

INDEX

Plot 1

PLAN REF. NO. IN1

SHEET 1 OF 240 SHEETS

PROJECT LICENSED PROFESSIONAL CERTIFICATES

Cullen Anderson Cullen Anderson Nov 30, 2021 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.	Adam Emerson Adam Emerson Nov 30, 2021 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 Forbis Michael Forbis (Dec 3, 2021 05:13 PST) Michael Forbis Dec 3, 2021 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.
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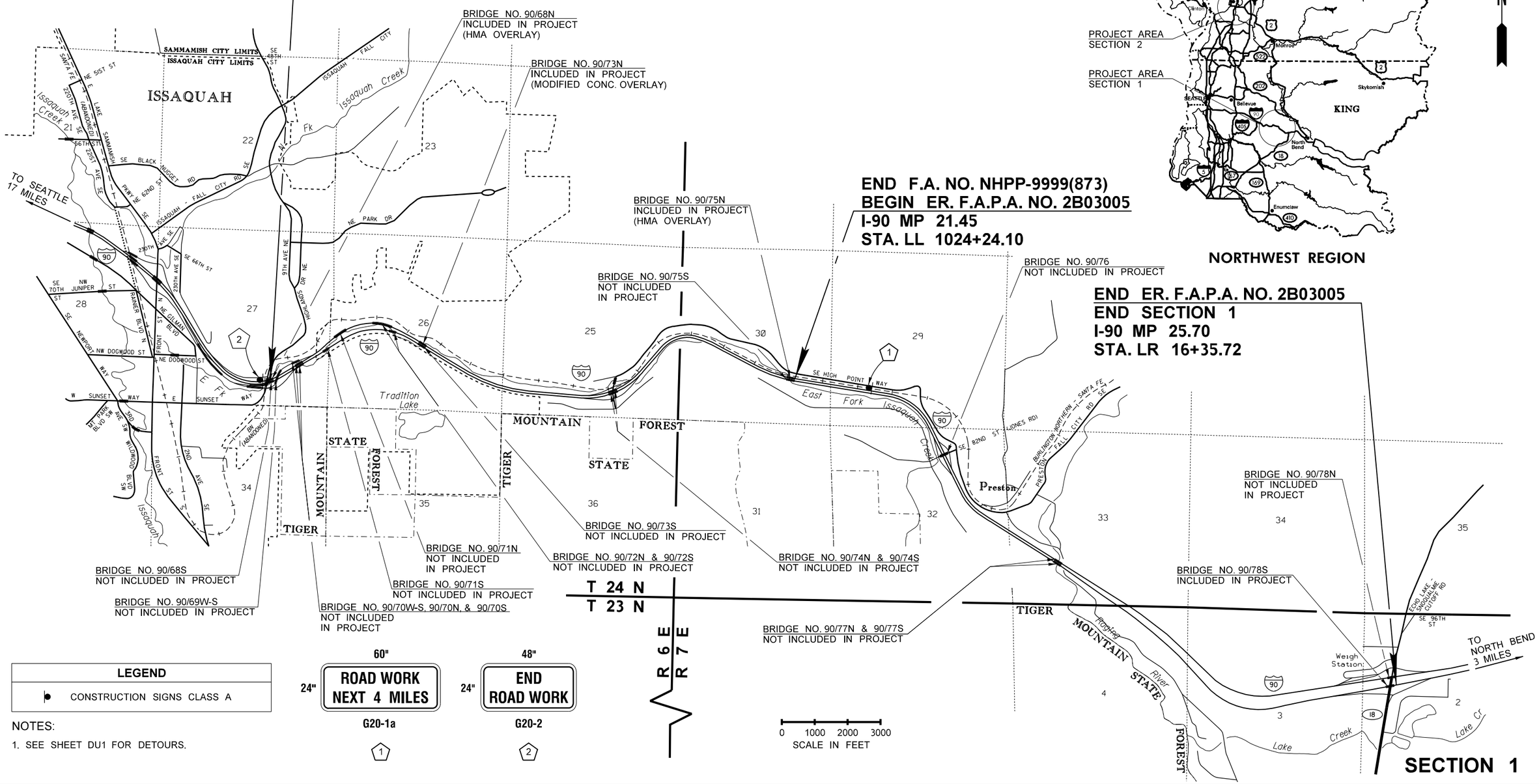
NOTES:

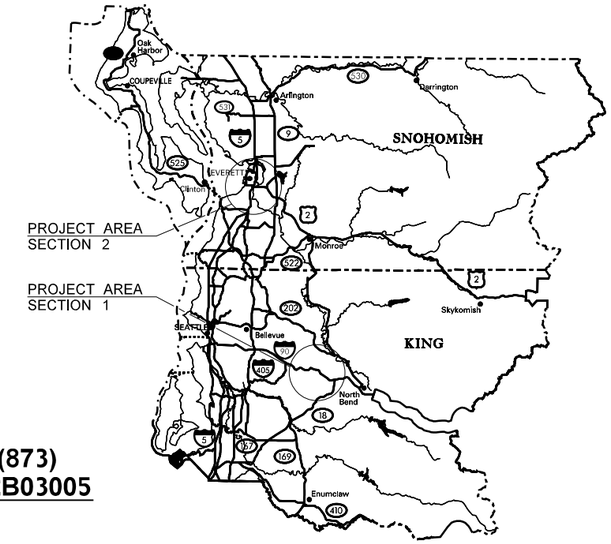
THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

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

BEGIN F.A. NO. NHPP-9999(873)
BEGIN PROJECT
BEGIN SECTION 1
I-90 MP 18.08
STA. LL 844+99.10

T 24 N, R 6 & 7 E, W.M.
T 23 N, R 7 E, W.M.





NORTHWEST REGION

LEGEND
● CONSTRUCTION SIGNS CLASS A

60" × 24" — **ROAD WORK NEXT 4 MILES** — G20-1a (1)

48" × 24" — **END ROAD WORK** — G20-2 (2)

NOTES:

1. SEE SHEET DU1 FOR DETOURS.

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_03_VM.dgn
TIME	2:13:14 PM
DATE	11/24/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE

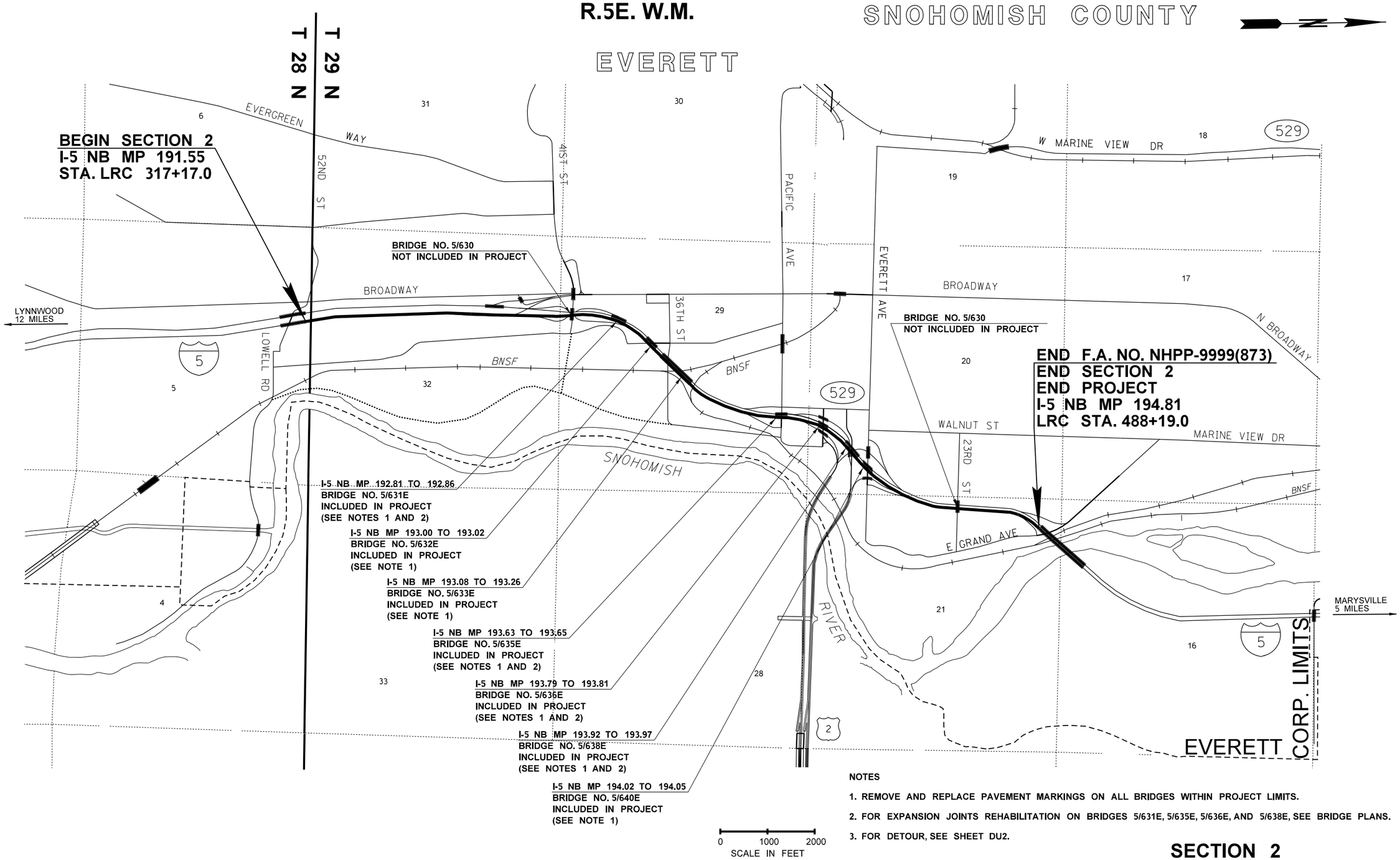
P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

VICINITY MAP

Plot 1
PLAN REF NO VM1
SHEET 3 OF 240 SHEETS



NOTES

1. REMOVE AND REPLACE PAVEMENT MARKINGS ON ALL BRIDGES WITHIN PROJECT LIMITS.
2. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E, AND 5/638E, SEE BRIDGE PLANS.
3. FOR DETOUR, SEE SHEET DU2.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_VM.dgn						
TIME	7:00:37 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/22/2021						
PLOTTED BY	haukapa				JOB NUMBER 21A012		
DESIGNED BY	B. KOSA						
ENTERED BY	B. KOSA				CONTRACT NO.		LOCATION NO.
CHECKED BY	L. CLAYWELL						
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

VICINITY MAP

Plot 1
PLAN REF NO VM2
SHEET 4 OF 240 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 LL STA. 844+99.10 TO LL STA. 1024+51.28	GROUP 2 BR. NO. 90/68N	GROUP 3 BR. NO. 90/73N	GROUP 4 BR. NO. 90/75N	GROUP 5 I-5 NB LRC 316+71 TO LRC 488+20	GROUP 6 BR 5/631E LRC 382+69 TO LRC 385+29	GROUP 7 BR 5/635E LRC 426+30 TO LRC 427+26	GROUP 8 BR 5/636E LRC 434+99 TO LRC 436+15	GROUP 9 BR 5/638E LRC 441+69 TO LRC 444+21	GROUP 10 ER WORK	GROUP 11 3RD PARTY DAMAGE
						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.	
2	105850.00		105850.00	0190	L.F.	REMOVING PLASTIC LINE	13,730.00				92,120.00						
3	115.00		115.00	0200	EACH	REMOVING PLASTIC TRAFFIC MARKING					115.00						
4	1.00		1.00		EACH	REMOVING MONUMENT CASE AND COVER	1.00										
						GRADING											
5	2100.00		2100.00	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	2,100.00										
						DRAINAGE											
6	5.00		5.00	1072	C.Y.	HAND PLACED RIPRAP	5.00										
7	1188.00		1188.00	1162	L.F.	UNDERDRAIN PIPE 10 IN. DIAM.	1,188.00										
8	9.00		9.00	1170	L.F.	DRAIN PIPE 6 IN. DIAM.	9.00										
9	379.00		379.00		L.F.	TRENCH DRAIN	379.00										
						STRUCTURE											
10	507.00		507.00	4232	C.F.	MODIFIED CONC. OVERLAY			507.00								
11	451.00		451.00	4233	S.Y.	FINISHING AND CURING MODIFIED CONC. OVERLAY			451.00								
12	149.00		149.00	4444	L.F.	EXPANSION JOINT MODIFICATION REPLACE RCS AND HEADER		149.00									
13	835.00		835.00	4444	L.F.	EXPANSION JOINT MODIFICATION COMP. SEAL AND HEADER						385.00	164.00	150.00	136.00		
14	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 90/68N		50.00									
15	30.00		30.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. 5/638E									30.00		
16	705.00		705.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. 90/68N		705.00									
17	451.00		451.00	4456	S.Y.	SCARIFYING CONC. SURFACE BR. NO. 90/73N			451.00								
18	1870.00		1870.00		S.F.	BRIDGE DECK RUT REPAIR			1,420.00	450.00							
19	158.00		158.00	5656	S.Y.	BRIDGE APPROACH SLAB										158.00	
						SURFACING											
20	120.00		120.00	5015	C.Y.	BALLAST	120.00										
21	1690.00		1690.00	5100	TON	CRUSHED SURFACING BASE COURSE	1,690.00										
						CEMENT CONCRETE PAVEMENT											
22	-14100.00		-14100.00	5639	DOL	GRINDING SMOOTHNESS COMPLIANCE ADJUSTMENT	-14,100.00										
23	3381.50		3381.50	5662	S.Y.	REPLACE CEMENT CONCRETE PANEL	1,430.50				1,911.00					40.00	
24	83100.00		83100.00	5663	DOL	PARTIAL SPALL DEPTH REPAIR	8,100.00				75,000.00						
25	977.00		977.00	5706	L.F.	SEALING EXISTING LONGITUDINAL AND TRANSVERSE JOINT			156.00	122.00		205.00	165.00	160.00	145.00	24.00	
26	61297.00		61297.00	5712	S.Y.	CEMENT CONCRETE PAVEMENT GRINDING	9,297.00				52,000.00						
27	125000.00		125000.00	5709	DOL	REPLACE UNCOMPACTABLE MATERIAL	75,000.00				50,000.00						
28	2802.00		2802.00		S.Y.	REMOVING CONCRETE PANELS	2,802.00										
						HOT MIX ASPHALT											
29	2930.00		2930.00	5711	S.Y.	PLANING BITUMINOUS PAVEMENT	2,090.00	630.00			210.00						
30	705.00		705.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK BR. NO. 90/68N		705.00									
31	311.00		311.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK BR. NO. 90/75N				311.00							
32	3940.00		3940.00	5767	TON	HMA CL. 1/2 IN. PG 58H-22	3,710.00	140.00		60.00	30.00						
33	12480.00		12480.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	12,400.00				80.00						
34	20790.00		20790.00	5835	DOL	COMPACTION PRICE ADJUSTMENT	20,660.00				130.00						
35	11990.00		11990.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	11,910.00				80.00						

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	090	170500	**	FEDERAL
2	090	170514	**	FEDERAL
3	090	170500	**	FEDERAL
4	090	170500	**	FEDERAL
5	005	312012	**	FEDERAL
6	005	312012	**	FEDERAL
7	005	312012	**	FEDERAL
8	005	312012	**	FEDERAL
9	005	312012	**	FEDERAL
10	090	170500	**	FEDERAL
11	090	170500	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	2B03005 NHPP-9999(873)

JOB NUMBER 21A012/8

CONTRACT NO 000000

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SUMMARY OF QUANTITIES

SQ1

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 LL STA. 844+99.10 TO LL STA. 1024+51.28	GROUP 2 BR. NO. 90/68N	GROUP 3 BR. NO. 90/73N	GROUP 4 BR. NO. 90/75N	GROUP 5 I-5 NB LRC 316+71 TO LRC 488+20	GROUP 6 BR 5/631E LRC 382+69 TO LRC 385+29	GROUP 7 BR 5/635E LRC 426+30 TO LRC 427+26	GROUP 8 BR 5/636E LRC 434+99 TO LRC 436+15	GROUP 9 BR 5/638E LRC 441+69 TO LRC 444+21	GROUP 10 ER WORK	GROUP 11 3RD PARTY DAMAGE
36	1683.00		1683.00	6514	L.F.	LONGITUDINAL JOINT SEAL	1,683.00										
37	349.00		349.00	6511	L.F.	HMA SAWCUT AND SEAL	24.00	102.00	202.00	21.00							
38	-1.00		-1.00	6516	DOL	CYCLIC DENSITY PRICE ADJUSTMENT	-1.00										
						EROSION CONTROL AND ROADSIDE PLANTING											
39	43.00		43.00	6403	DAY	ESC LEAD	4.00	2.00	1.00	1.00	35.00						
40	18.00		18.00	6463	L.F.	CHECK DAM	18.00										
41	137.00		137.00	6471	EACH	INLET PROTECTION	12.00				121.00					4.00	
42	75000.00		75000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	5,000.00				70,000.00						
43	32.00		32.00	6431	S.Y.	SEEDING, FERTILIZING AND MULCHING	32.00										
44	32.00		32.00	6483	S.Y.	FINE COMPOST	32.00										
45	60.00		60.00	6630	L.F.	HIGH VISIBILITY FENCE	60.00										
						TRAFFIC											
46	46.00		46.00	6727	L.F.	EXTRUDED CURB	46.00										
47	8120.00		8120.00	7448	HR	TRANSPORTABLE ATTENUATOR	2,710.00	220.00	160.00	80.00	4,950.00						
48	10000.00		10000.00	7450	DOL	REPAIR TRANSPORTABLE ATTENUATOR	5,000.00				5,000.00						
49	23350.00		23350.00	6807	L.F.	PLASTIC LINE	23,350.00										
50	70560.00		70560.00	6809	L.F.	PROFILED PLASTIC LINE					70,560.00						
51	21560.00		21560.00	6845	L.F.	PROFILED PLASTIC WIDE LINE					21,560.00						
52	2.00		2.00	6833	EACH	PLASTIC TRAFFIC ARROW					2.00						
53	120.00		120.00	6881	EACH	PLASTIC DRAINAGE MARKING	17.00				103.00						
54	0.74		0.74	6892	MI.	SHOULDER RUMBLE STRIP TYPE 1	0.74										
55	20.50		20.50	6884	HUND	RAISED PAVEMENT MARKER TYPE 2					20.50						
56	4.20		4.20	6889	HUND	RECESSED PAVEMENT MARKER	4.20										
57	35580.00		35580.00	6895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	35,580.00										
58	170530.00		170530.00	6896	L.F.	TEMPORARY PAVEMENT MARKING-LONG DURATION					170,530.00						
59	7.00		7.00	6894	EACH	TEMPORARY MISC. PAVEMENT MARKINGS - LONG DURATION					7.00						
60	LUMP SUM		LUMP SUM	6912	L.S.	TRAFFIC SIGNAL SYSTEM LOOP REPLACEMENT	L.S.										
61	8.00		8.00		EACH	INDUCTION LOOP PREFORMED TYPE R1S					8.00						
62	62.00		62.00		EACH	INDUCTION LOOP TYPE R1S					62.00						
63	6910.00		6910.00	6956	HR	SEQUENTIAL ARROW SIGN	3,080.00	250.00	180.00	100.00	3,300.00						
64	5170.00		5170.00	6993	HR	PORTABLE CHANGEABLE MESSAGE SIGN	1,590.00	130.00	100.00	50.00	3,300.00						
65	LUMP SUM		LUMP SUM	6973	L.S.	OTHER TEMPORARY TRAFFIC CONTROL	L.S.	L.S.	L.S.	L.S.	L.S.						
66	12610.00		12610.00	6992	HR	OTHER TRAFFIC CONTROL LABOR	6,540.00	520.00	400.00	200.00	4,950.00						
67	LUMP SUM		LUMP SUM	6974	L.S.	TRAFFIC CONTROL SUPERVISOR	L.S.	L.S.	L.S.	L.S.	L.S.						
68	238.00		238.00	6982	S.F.	CONSTRUCTION SIGNS CLASS A	18.00				220.00						
69	140.00		140.00	6976	HR	PATROL AND MAINTAIN TRAFFIC CONTROL MEASURES					140.00						
70	10.00		10.00	6865	EACH	PLASTIC HOV LANE SYMBOL					10.00						
71	50.00		50.00	6822	L.F.	PLASTIC CROSSHATCH MARKING					50.00						
72	740.00		740.00	6818	L.F.	PLASTIC WIDE LINE	740.00										
73	1180.00		1180.00		HR	RADAR SPEED DISPLAY SIGN	350.00				830.00						
						OTHER ITEMS											
74	5000.00		5000.00	9004	DOL	PROJECT PARTNERING	5,000.00										
75	LUMP SUM		LUMP SUM	7004	L.S.	TYPE C PROGRESS SCHEDULE	L.S.										
76	8.00		8.00	7000	EACH	SCHEDULE UPDATE	8.00										
77	258.00		258.00	7006	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	258.00										
78	258.00		258.00	7014	C.Y.	GRAVEL BACKFILL FOR DRAIN	258.00										

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	090	170500	**	FEDERAL
2	090	170514	**	FEDERAL
3	090	170500	**	FEDERAL
4	090	170500	**	FEDERAL
5	005	312012	**	FEDERAL
6	005	312012	**	FEDERAL
7	005	312012	**	FEDERAL
8	005	312012	**	FEDERAL
9	005	312012	**	FEDERAL
10	090	170500	**	FEDERAL
11	090	170500	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	2B03005 NHPP-9999(873)

JOB NUMBER 21A012/8

CONTRACT NO 000000

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SUMMARY OF QUANTITIES

SQ2

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 LL STA. 844+99.10 TO LL STA. 1024+51.28	GROUP 2 BR. NO. 90/68N	GROUP 3 BR. NO. 90/73N	GROUP 4 BR. NO. 90/75N	GROUP 5 I-5 NB LRC 316+71 TO LRC 488+20	GROUP 6 BR 5/631E LRC 382+69 TO LRC 385+29	GROUP 7 BR 5/635E LRC 426+30 TO LRC 427+26	GROUP 8 BR 5/636E LRC 434+99 TO LRC 436+15	GROUP 9 BR 5/638E LRC 441+69 TO LRC 444+21	GROUP 10 ER WORK	GROUP 11 3RD PARTY DAMAGE
79	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING		L.S.									
80	LUMP SUM		LUMP SUM	7038	L.S.	ROADWAY SURVEYING	L.S.				L.S.						
81	LUMP SUM		LUMP SUM		L.S.	REFERENCING EXISTING PAVEMENT MARKINGS	L.S.				L.S.						
82	1.00		1.00	9602	EACH	ADJUST INLET	1.00										
83	1.00		1.00	9605	EACH	CONNECTION TO DRAINAGE STRUCTURE	1.00										
84	5000.00		5000.00	7715	DOL	FORCE ACCOUNT DRAINAGE REPAIR	5,000.00										
85	15000.00		15000.00	7715	DOL	FORCE ACCOUNT MINOR ELECTRICAL REPAIR	5,000.00				10,000.00						
86	5000.00		5000.00	7715	DOL	FORCE ACCOUNT BRIDGE NO. 90/75N CONC. PAVEMENT SEAT				5,000.00							
87	10000.00		10000.00	7480	DOL	ROADSIDE CLEANUP	5,000.00				5,000.00						
88	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE											5.00
89	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00										
90	200.00		200.00	7730	DOL	FUEL COST ADJUSTMENT					200.00						
91	-2.00		-2.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00				-1.00						
92	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.				L.S.						
93	590.00		590.00	7550	S.Y.	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	590.00										
94	3380.00		3380.00	7552	S.Y.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	3,380.00										
95	24.00		24.00	7554	S.Y.	CONSTRUCTION GEOTEXTILE FOR PERMANENT EROSION CONTROL	24.00										
96	1.00		1.00	7569	EACH	NO TRESPASSING SIGN	1.00										
97	LUMP SUM		LUMP SUM	7570	L.S.	HEALTH AND SAFETY PLAN	L.S.										
98	5000.00		5000.00	7571	DOL	FA-SITE CLEANUP OF BIO. AND PHYSICAL HAZARDS	5,000.00										
99	LUMP SUM		LUMP SUM	7405	L.S.	JUST IN TIME TRAINING	L.S.										

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	090	170500	**	FEDERAL
2	090	170514	**	FEDERAL
3	090	170500	**	FEDERAL
4	090	170500	**	FEDERAL
5	005	312012	**	FEDERAL
6	005	312012	**	FEDERAL
7	005	312012	**	FEDERAL
8	005	312012	**	FEDERAL
9	005	312012	**	FEDERAL
10	090	170500	**	FEDERAL
11	090	170500	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	2B03005 NHPP-9999(873)

JOB NUMBER 21A012/8

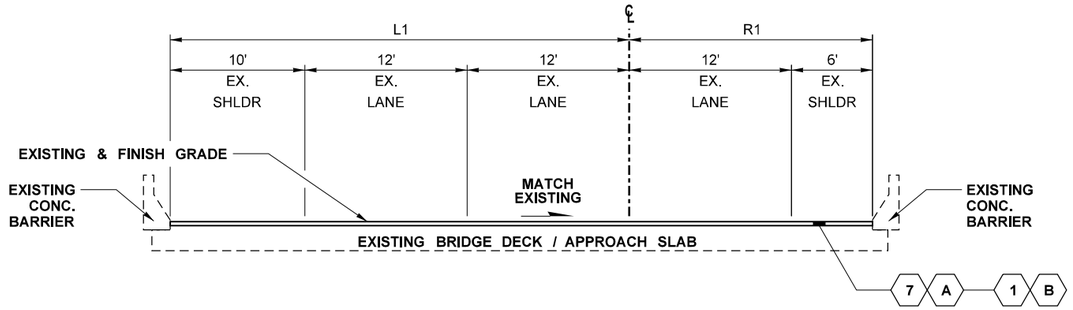
CONTRACT NO 000000

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SUMMARY OF QUANTITIES

SQ3



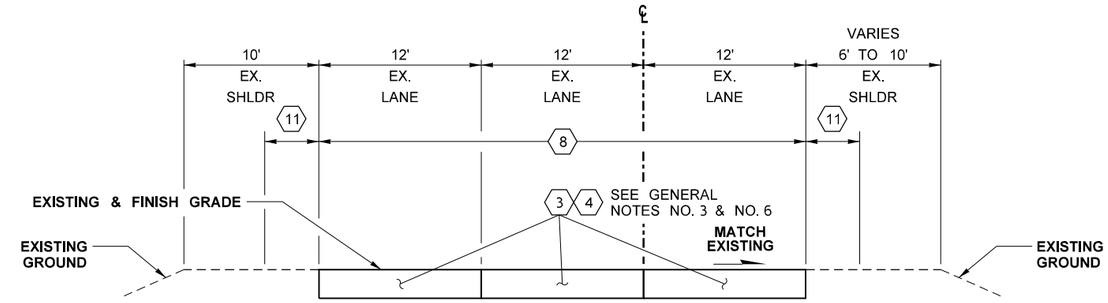
STRUCTURE PAVING SCHEDULE								
STATION	BRIDGE NUMBER	L1	R1	GRADE CONTROL	EXISTING ASPHALT DEPTH*	A DESIGN REMOVAL		B PAVING DEPTH*
						PARTIAL/FULL	DEPTH*	
LL 845+44.28 TO LL 846+66.16	90/68N	34'	18'	GRADE CONTROLLED	0.15'	FULL	0.15'	0.15'

* APPROXIMATE DEPTH FOR GRADE CONTROLLED PAVING.
ADJUSTED REMOVAL DEPTH DETERMINED BY PROFILE SURVEY.

ROADWAY SECTION 1

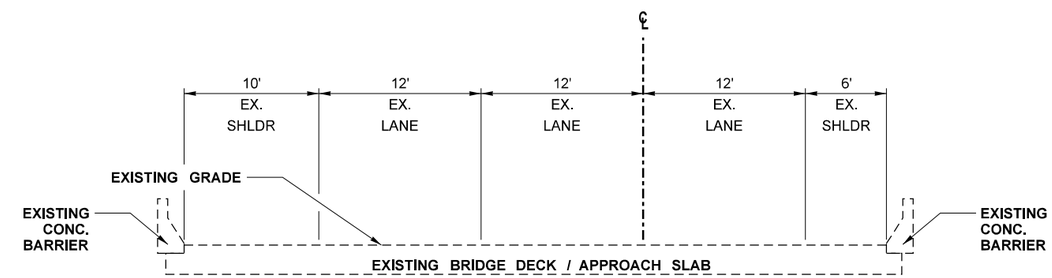
STA. LL 844+99.10 TO 845+44.28 (APPROACH SLAB)
STA. LL 845+44.28 TO 846+66.16 (BR. NO. 90/68N)
STA. LL 846+66.16 TO 847+31.07 (APPROACH SLAB)

(SEE BRIDGE PLANS FOR MORE DETAILS)



ROADWAY SECTION 2

STA. LL 847+31.07 TO 853+02.64



ROADWAY SECTION 3

STA. LL 853+02.64 TO 853+27.64	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 853+27.64 TO 854+32.63	(BR. NO. 90/70N)	(STRIPING WORK ONLY)
STA. LL 854+32.63 TO 854+57.56	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 871+37.64 TO 871+62.58	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 871+62.58 TO 873+92.63	(BR. NO. 90/71N)	(STRIPING WORK ONLY)
STA. LL 873+92.63 TO 874+12.58	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 882+55.48 TO 882+80.18	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 882+80.18 TO 888+29.72	(BR. NO. 90/72N)	(STRIPING WORK ONLY)
STA. LL 888+29.72 TO 888+54.81	(APPROACH SLAB)	(STRIPING WORK ONLY)
STA. LL 960+02.96 TO 960+30.25	(APPROACH SLAB)	(EXCLUDED FROM PROJECT)
STA. LL 960+30.25 TO 961+70.09	(BR. NO. 90/74N)	(EXCLUDED FROM PROJECT)
STA. LL 961+70.09 TO 962+01.19	(APPROACH SLAB)	(EXCLUDED FROM PROJECT)

LEGEND

1. HMA CL. 1/2 IN. PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. REPLACE CEMENT CONCRETE PANEL
4. PARTIAL SPALL DEPTH REPAIR
5. MODIFIED CONC. OVERLAY
6. EXTRUDED CURB
7. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
8. CEMENT CONCRETE PAVEMENT GRINDING
9. SCARIFYING CONC. SURFACE
10. ROADWAY EXCAVATON INCL. HAUL
11. PLANING BITUMINOUS PAVEMENT
12. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
13. REMOVING CONCRETE PANELS

GENERAL NOTES

1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. HMA COURSES SHALL NOT EXCEED THE COMPACTED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.
3. SEE SHEETS P1 - P6 FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND REPAIR WORK.
4. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
5. FROM STA. LL 889+37.00 TO 895+25.00, SEE SHEETS DR1 & DD1 THRU DD2 FOR DETAILS OF LANDSCAPING, DRAIN PIPE, TRENCH DRAIN, AND UNDERDRAIN WORK.
6. SEE SHEET PRD1 FOR LIMITS OF CEMENT CONCRETE PAVEMENT GRINDING AND PLANING BITUMINOUS PAVEMENT.

SECTION 1

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TIME	7:59:31 PM
DATE	11/23/2021
PLOTTED BY	leec
DESIGNED BY	A. OLSEN
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

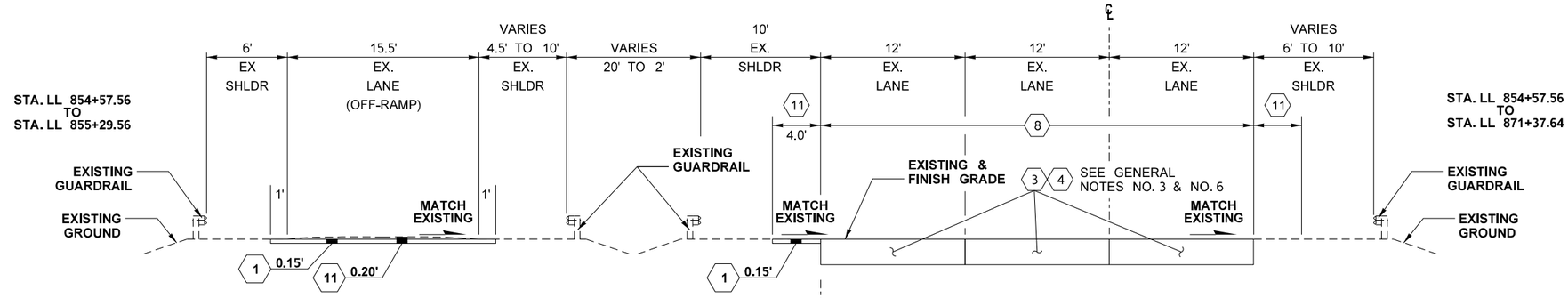
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

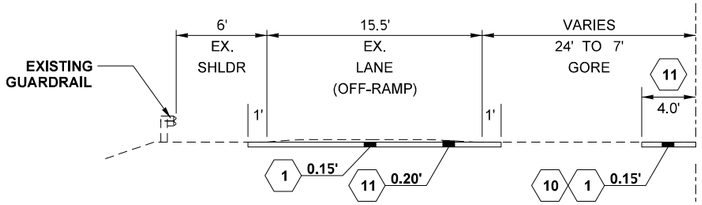
ROADWAY SECTION

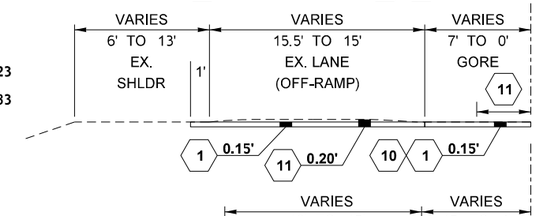
Plot 1
PLAN REF NO RS1
SHEET 8 OF 240 SHEETS

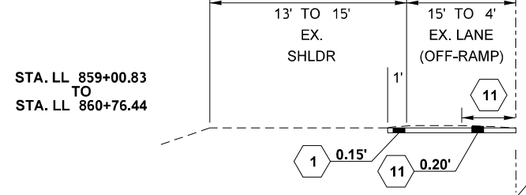


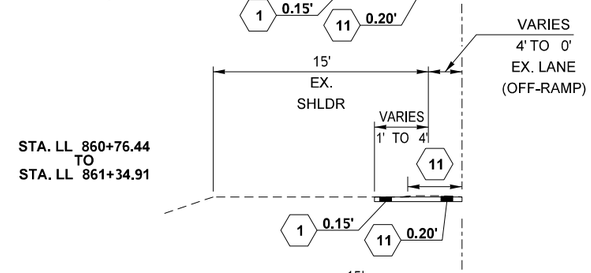
ROADWAY SECTION 4

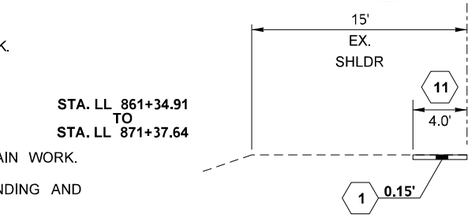
STA. LL 854+57.56 TO 871+37.64









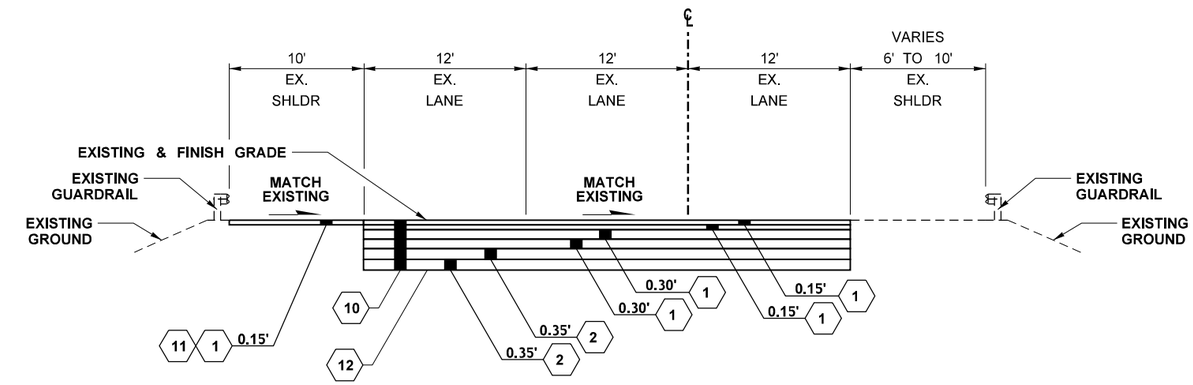


LEGEND

1. HMA CL. 1/2 IN. PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. REPLACE CEMENT CONCRETE PANEL
4. PARTIAL SPALL DEPTH REPAIR
5. MODIFIED CONC. OVERLAY
6. EXTRUDED CURB
7. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
8. CEMENT CONCRETE PAVEMENT GRINDING
9. SCARIFYING CONC. SURFACE
10. ROADWAY EXCAVATON INCL. HAUL
11. PLANING BITUMINOUS PAVEMENT
12. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
13. REMOVING CONCRETE PANELS

GENERAL NOTES

1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. HMA COURSES SHALL NOT EXCEED THE COMPACTED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.
3. SEE SHEETS P1 - P6 FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND REPAIR WORK.
4. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
5. FROM STA. LL 889+37.00 TO 895+25.00, SEE SHEETS DR1 & DD1 THRU DD2 FOR DETAILS OF LANDSCAPING, DRAIN PIPE, TRENCH DRAIN, AND UNDERDRAIN WORK.
6. SEE SHEET PRD1 FOR LIMITS OF CEMENT CONCRETE PAVEMENT GRINDING AND PLANING BITUMINOUS PAVEMENT.



ROADWAY SECTION 5

STA. LL 874+12.58 TO 882+55.48 (SEE GENERAL NOTE NO. 4)

SECTION 1

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DATE	11/23/2021						
PLOTTED BY	leec						
DESIGNED BY	A. OLSEN				JOB NUMBER 21A012		
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX — SEE SHEET CT1 — DATE

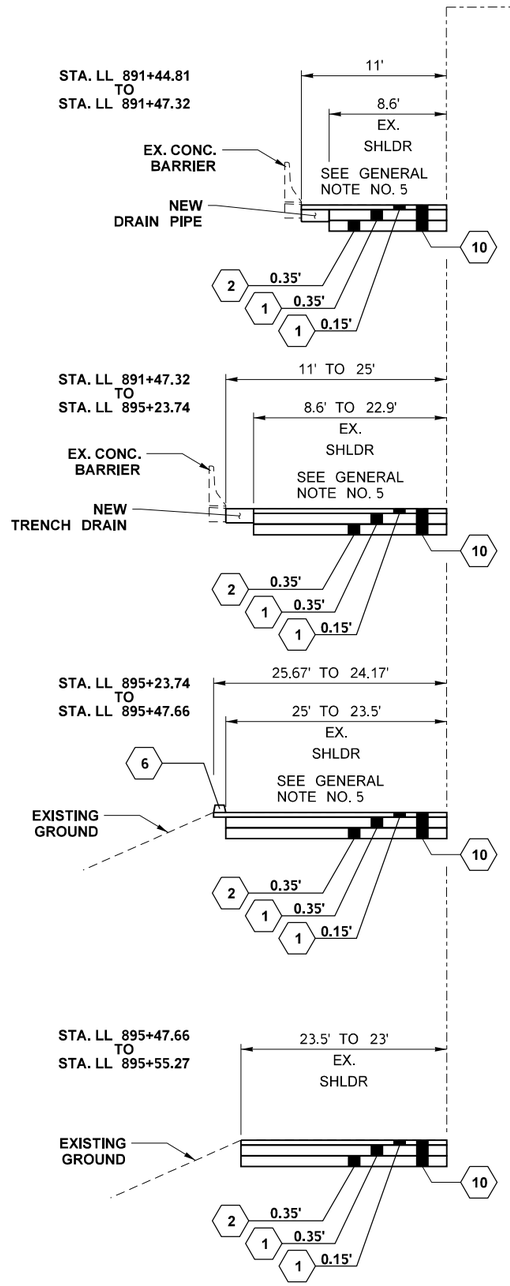
P.E. STAMP BOX — DATE

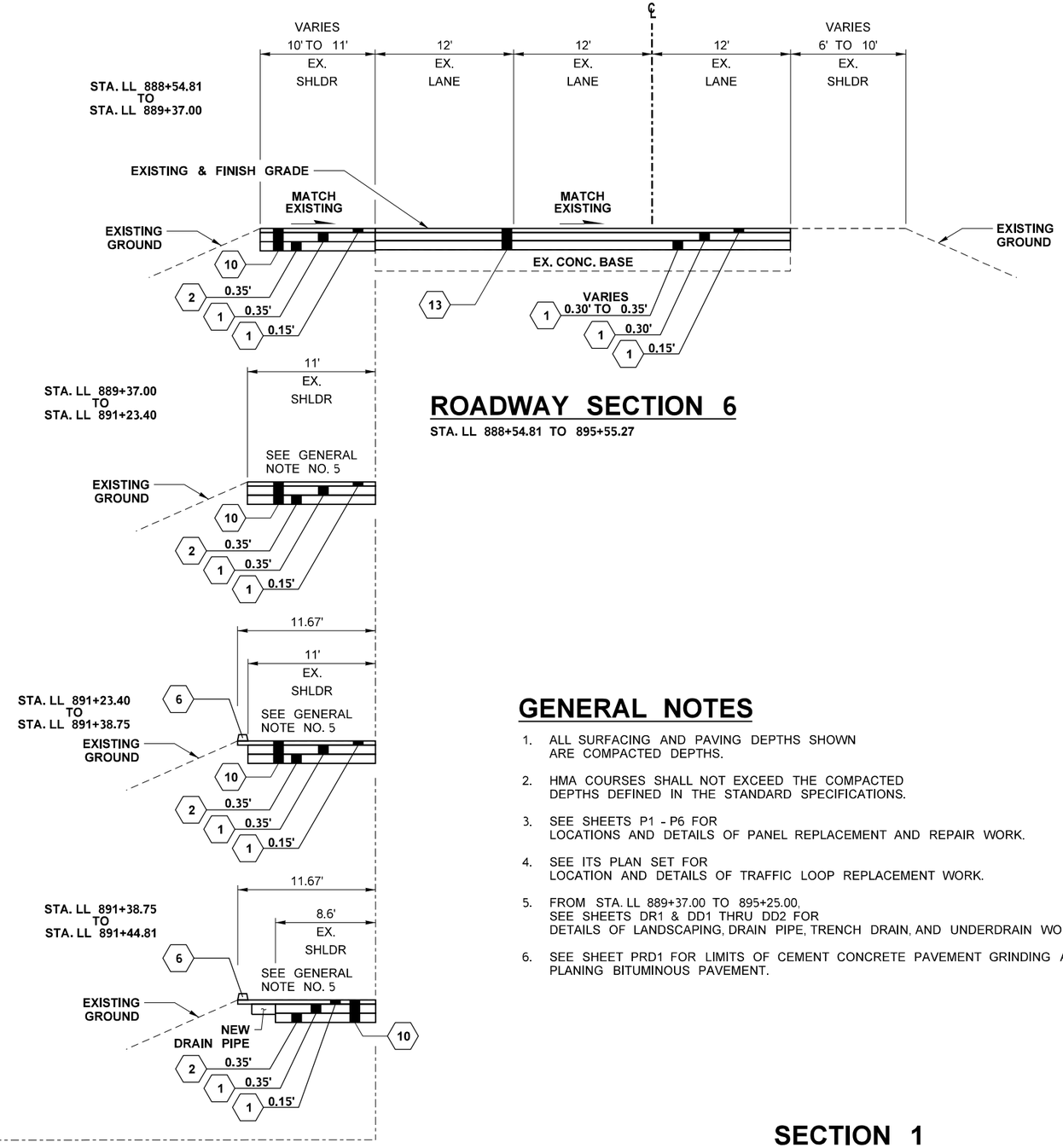
Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ROADWAY SECTION

Plot 2
PLAN REF NO RS2
SHEET 9 OF 240 SHEETS





ROADWAY SECTION 6

STA. LL 888+54.81 TO 895+55.27

LEGEND

1. HMA CL. 1/2 IN. PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. REPLACE CEMENT CONCRETE PANEL
4. PARTIAL SPALL DEPTH REPAIR
5. MODIFIED CONC. OVERLAY
6. EXTRUDED CURB
7. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
8. CEMENT CONCRETE PAVEMENT GRINDING
9. SCARIFYING CONC. SURFACE
10. ROADWAY EXCAVATON INCL. HAUL
11. PLANING BITUMINOUS PAVEMENT
12. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
13. REMOVING CONCRETE PANELS

GENERAL NOTES

1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. HMA COURSES SHALL NOT EXCEED THE COMPACTED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.
3. SEE SHEETS P1 - P6 FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND REPAIR WORK.
4. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
5. FROM STA. LL 889+37.00 TO 895+25.00, SEE SHEETS DR1 & DD1 THRU DD2 FOR DETAILS OF LANDSCAPING, DRAIN PIPE, TRENCH DRAIN, AND UNDERDRAIN WORK.
6. SEE SHEET PRD1 FOR LIMITS OF CEMENT CONCRETE PAVEMENT GRINDING AND PLANING BITUMINOUS PAVEMENT.

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_05_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	7:59:33 PM				JOB NUMBER 21A012		
DATE	11/23/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	leec						
DESIGNED BY	A. OLSEN						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

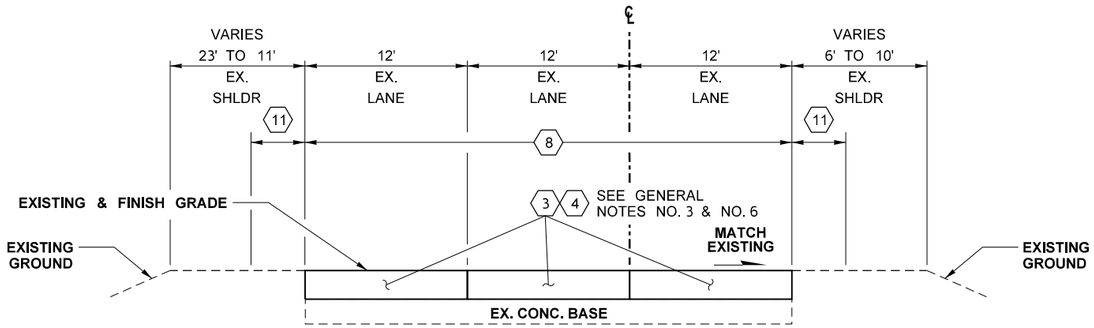
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

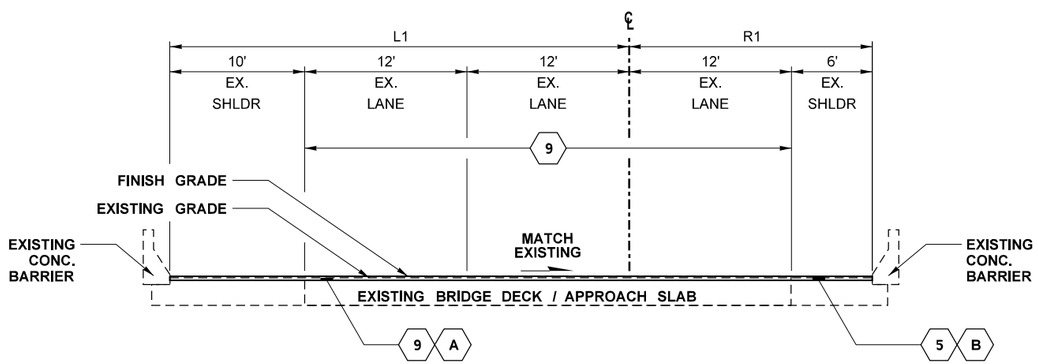
ROADWAY SECTION

Plot 3
PLAN REF NO
RS3
SHEET 10 OF 240 SHEETS



ROADWAY SECTION 7

STA. LL 895+55.27 TO 899+80.42



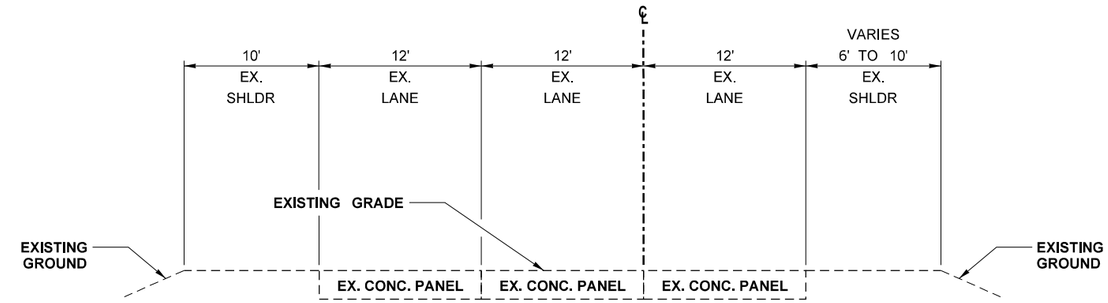
STRUCTURE PAVING SCHEDULE								
STATION	BRIDGE NUMBER	L1	R1	GRADE CONTROL	EXISTING ASPHALT DEPTH*	A DESIGN REMOVAL		B PAVING DEPTH*
						PARTIAL/FULL	DEPTH*	
LL 900+20.90 TO LL 901+00.90	90/73N	34'	18'	NOT CONTROLLED	N/A	N/A	0.083'	0.125'

* APPROXIMATE DEPTH FOR GRADE CONTROLLED PAVING.
ADJUSTED REMOVAL DEPTH DETERMINED BY PROFILE SURVEY.

ROADWAY SECTION 8

STA. LL 899+80.42 TO 900+20.90 (APPROACH SLAB)
STA. LL 900+20.90 TO 901+00.90 (BR. NO. 90/73N)
STA. LL 901+00.90 TO 901+58.86 (APPROACH SLAB)

(SEE PAVING AND BRIDGE PLANS FOR MORE DETAILS)



ROADWAY SECTION 9

STA. LL 901+58.86 TO 902+33.86 (ROADWAY) (STRIPING WORK ONLY)
STA. LL 902+33.86 TO 960+02.96 (ROADWAY) (EXCLUDED FROM PROJECT)
STA. LL 962+01.19 TO 1023+46.15 (ROADWAY) (EXCLUDED FROM PROJECT)

LEGEND

1. HMA CL. 1/2 IN. PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. REPLACE CEMENT CONCRETE PANEL
4. PARTIAL SPALL DEPTH REPAIR
5. MODIFIED CONC. OVERLAY
6. EXTRUDED CURB
7. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
8. CEMENT CONCRETE PAVEMENT GRINDING
9. SCARIFYING CONC. SURFACE
10. ROADWAY EXCAVATON INCL. HAUL
11. PLANING BITUMINOUS PAVEMENT
12. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
13. REMOVING CONCRETE PANELS

GENERAL NOTES

1. ALL SURFACING AND PAVING DEPTHS SHOWN ARE COMPACTED DEPTHS.
2. HMA COURSES SHALL NOT EXCEED THE COMPACTED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.
3. SEE SHEETS P1 - P6 FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND REPAIR WORK.
4. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
5. FROM STA. LL 889+37.00 TO 895+25.00, SEE SHEETS DR1 & DD1 THRU DD2 FOR DETAILS OF LANDSCAPING, DRAIN PIPE, TRENCH DRAIN, AND UNDERDRAIN WORK.
6. SEE SHEET PRD1 FOR LIMITS OF CEMENT CONCRETE PAVEMENT GRINDING AND PLANING BITUMINOUS PAVEMENT.

SECTION 1

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DATE	11/23/2021
PLOTTED BY	leec
DESIGNED BY	A. OLSEN
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

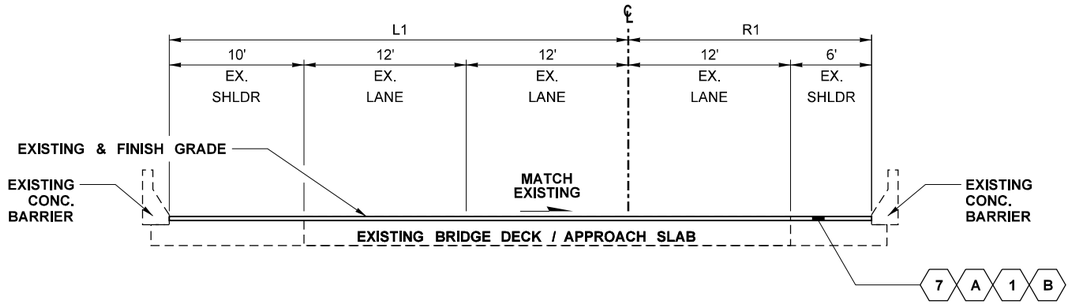
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ROADWAY SECTION

Plot 4
PLAN REF NO RS4
SHEET 11 OF 240 SHEETS



STRUCTURE PAVING SCHEDULE

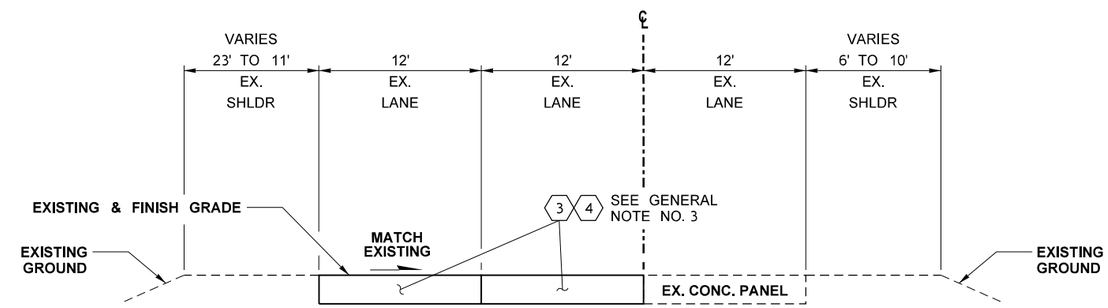
STATION	BRIDGE NUMBER	L1	R1	GRADE CONTROL	EXISTING ASPHALT DEPTH*	A DESIGN REMOVAL		B PAVING DEPTH*
						PARTIAL/FULL	DEPTH*	
LL 1023+72.10 TO LL 1024+24.09	90/75N	34'	18'	NOT CONTROLLED	0.80'	PARTIAL	0.25'	0.25'

* APPROXIMATE DEPTH FOR GRADE CONTROLLED PAVING.
ADJUSTED REMOVAL DEPTH DETERMINED BY PROFILE SURVEY.

ROADWAY SECTION 10

STA. LL 1023+46.15 TO 1023+72.10 (APPROACH SLAB)
STA. LL 1023+72.10 TO 1024+24.10 (BR. 90/75N)
STA. LL 1024+24.10 TO 1024+51.28 (APPROACH SLAB)

(SEE PAVING AND BRIDGE PLANS FOR MORE DETAILS)



ROADWAY SECTION 11

STA. LR 16+23.72 TO 16+38.72 (ROADWAY)

LEGEND

1. HMA CL. 1/2 IN. PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. REPLACE CEMENT CONCRETE PANEL
4. PARTIAL SPALL DEPTH REPAIR
5. MODIFIED CONC. OVERLAY
6. EXTRUDED CURB
7. REMOVING EXISTING OVERLAY FROM BRIDGE DECK
8. CEMENT CONCRETE PAVEMENT GRINDING
9. SCARIFYING CONC. SURFACE
10. ROADWAY EXCAVATON INCL. HAUL
11. PLANING BITUMINOUS PAVEMENT
12. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
13. REMOVING CONCRETE PANELS

GENERAL NOTES

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3. SEE SHEETS P1 - P6 FOR LOCATIONS AND DETAILS OF PANEL REPLACEMENT AND REPAIR WORK.
4. SEE ITS PLAN SET FOR LOCATION AND DETAILS OF TRAFFIC LOOP REPLACEMENT WORK.
5. FROM STA. LL 889+37.00 TO 895+25.00, SEE SHEETS DR1 & DD1 THRU DD2 FOR DETAILS OF LANDSCAPING, DRAIN PIPE, TRENCH DRAIN, AND UNDERDRAIN WORK.
6. SEE SHEET PRD1 FOR LIMITS OF CEMENT CONCRETE PAVEMENT GRINDING AND PLANING BITUMINOUS PAVEMENT.

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_05_RS.dgn				
TIME	7:59:34 PM				
DATE	11/23/2021				
PLOTTED BY	leec				
DESIGNED BY	A. OLSEN				
ENTERED BY	A. OLSEN				
CHECKED BY	C. ANDERSON				
PROJ. ENGR.	C. WINNINGHAM				
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

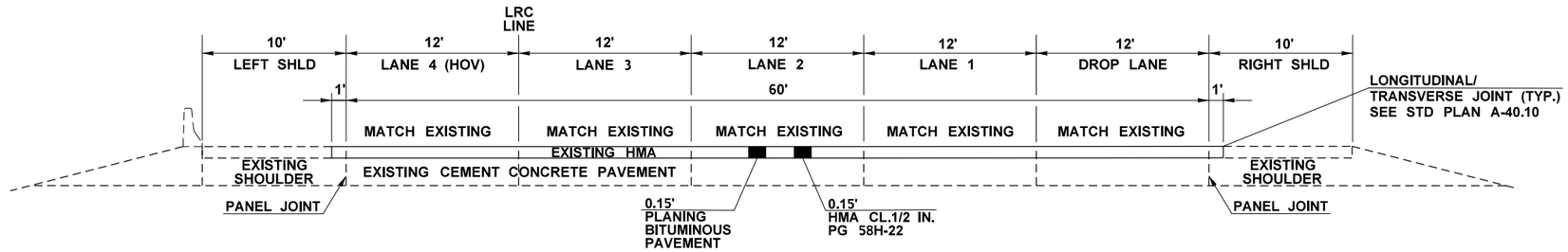
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

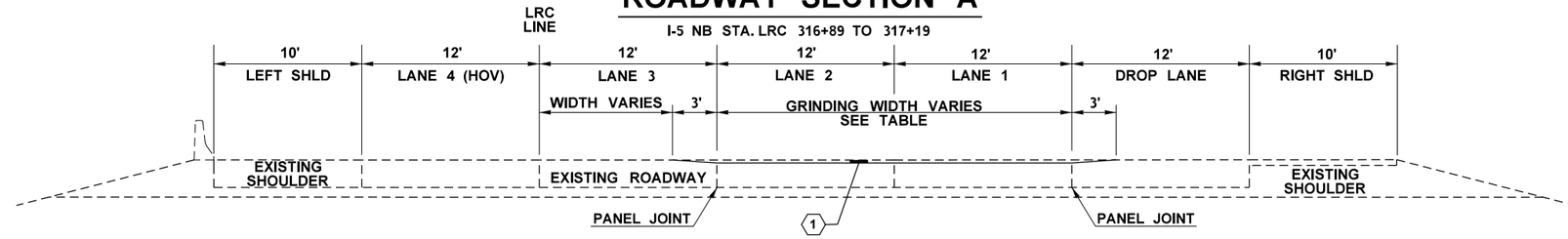
ROADWAY SECTION

Plot 5
PLAN REF NO RS5
SHEET 12 OF 240 SHEETS



ROADWAY SECTION A

I-5 NB STA. LRC 316+89 TO 317+19



ROADWAY SECTION B

I-5 NB TYPICAL SECTION
SEE TABLE BELOW FOR GRINDING AREA LOCATIONS

PAVEMENT GRINDING AREA LOCATIONS

BEGINNING STATION	ENDING STATION	PAVEMENT GRINDING LIMITS TO		SECTION DESCRIPTION
317+19	320+65	10' RT	40' RT	4 LANE W/DROP
320+65	336+64	9' RT	39' RT	4 LANE W/DROP
336+64	341+00	9' RT	39' RT	GORE - 41ST & BROADWAY OFF RAMP
341+00	343+94	3' RT	33' RT	GORE - 41ST & BROADWAY OFF RAMP
343+94	343+94	3' RT	33' RT	GORE - 41ST & BROADWAY OFF RAMP
436+29	349+00	9' RT	39' RT	4 LANE
349+00	350+49	9' RT	33' RT	4 LANE
350+49	355+54	2' LT	28' RT	GORE - HOV OFF RAMP TO BROADWAY
355+54	362+18	2' LT	28' RT	4 LANE
362+18	382+22	3' LT	27' RT	4 LANE
382+22	385+66	N/A	N/A	4 LANE - BRIDGE # 5/631E
385+66	388+93	3' LT	27' RT	GORE - 41ST ON RAMP
388+93	392+02	3' LT	27' RT	4 LANE W/ ADD/DROP LANE
392+02	394+02	N/A	N/A	4 LANE W/ ADD/DROP LANE - BR# 5/632E
394+02	396+99	4' TO 5' LT	26' TO 25' RT	4 LANE W/ ADD/DROP LANE
396+99	407+16	N/A	N/A	4 LANE W/ ADD/DROP LANE BR# 5/633E
407+16	409+00	17' LT	25' RT	4 LANE W/ ADD/DROP LANE
409+00	413+80	15' LT	27' RT	4 LANE W/ ADD/DROP LANE
413+80	417+33	15' LT	27' RT	GORE - OFF RAMP TO PACIFIC
417+33	426+04	15' LT	27' RT	4 LANE W/ ADD/DROP LANE
426+04	427+56	N/A	N/A	4 LANE W/ ADD/DROP LANE - BR# 5/635E
427+56	433+70	3' LT	27' RT	GORE - OFF RAMP TO US 2
433+70	434+70	3' LT	27' RT	4 LANE
434+70	436+52	N/A	N/A	4 LANE - BRIDGE # 5/636E
436+52	441+44	3' LT	27' RT	4 LANE
441+44	444+46	N/A	N/A	4 LANE - BRIDGE # 5/638E
444+46	446+69	2' LT	28' RT	4 LANE
446+69	448+77	N/A	N/A	4 LANE - BRIDGE # 5/638E
448+77	452+16	2' LT	28' RT	4 LANE
452+16	459+00	2' LT	28' RT	GORE - US 2 / HEWITT ON RAMPS
459+00	469+30	3' LT	27' RT	4 LANE W/ ON RAMPS
469+30	474+09	3' LT	27' RT	4 LANE W/ DROP LANE
474+09	479+45	3' LT	27' RT	GORE - OFFRAMP TO MARINE VIEW DR
479+45	484+00	3' LT	27' RT	4 LANE
484+00	497+93	2' LT	28' RT	4 LANE

NOTES

1. GRINDING LIMITS ARE RELATED TO PANEL JOINTS, NOT STRIPING. SEE SHEETS P6 TO P19 FOR GRINDING LIMITS.
2. FOR 'REPLACE CEMENT CONCRETE PANEL (FULL), REPLACE CEMENT CONCRETE PANEL (PARTIAL), AND 'PARTIAL DEPTH SPALL REPAIR' SCHEDULES, SEE SHEETS P6 TO P19.

LEGEND

(1) CEMENT CONCRETE PAVEMENT GRINDING (SEE NOTE 1)

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_RS.dgn
TIME	3:25:13 PM
DATE	11/24/2021
PLOTTED BY	bertolt
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

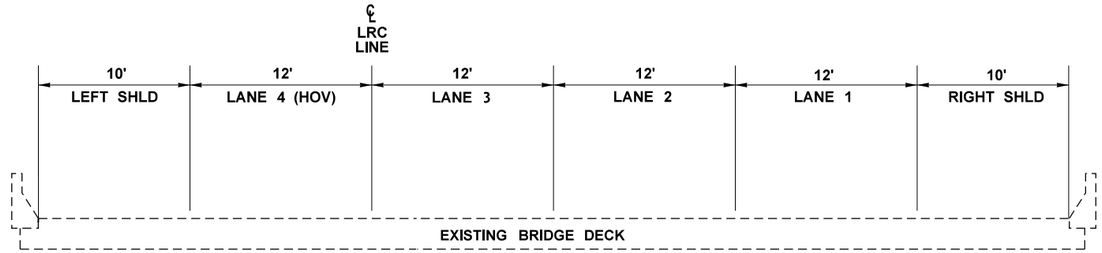
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ROADWAY SECTION

Plot 1

PLAN REF NO RS6

SHEET 13 OF 240 SHEETS



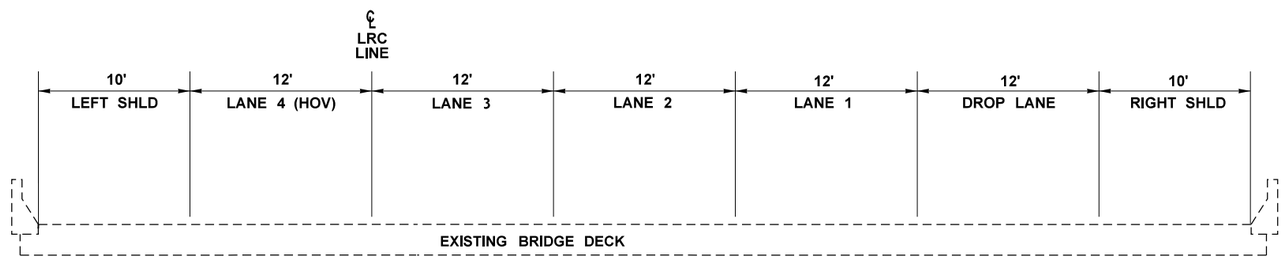
ROADWAY SECTION C

BRIDGE NO. 5/631E
LRC LINE STA. 382+69 TO STA. 385+66
(PAVEMENT MARKINGS ONLY)

BRIDGE NO. 5/636E
LRC LINE STA. 434+99 TO STA. 436+15
(PAVEMENT MARKINGS ONLY)

BRIDGE NO. 5/638E
LRC LINE STA. 441+69 TO STA. 444+21
(PAVEMENT MARKINGS ONLY)

BRIDGE NO. 5/640E
LRC LINE STA. 447+04 TO STA. 448+32
(PAVEMENT MARKINGS ONLY)



ROADWAY SECTION D

BRIDGE NO. 5/632E
LRC LINE STA. 392+53 TO STA. 393+64
(PAVEMENT MARKINGS ONLY)

BRIDGE NO. 5/633E
LRC LINE STA. 397+24 TO STA. 406+91
(PAVEMENT MARKINGS ONLY)

BRIDGE NO. 5/635E
LRC LINE STA. 425+30 TO STA. 427+25
(PAVEMENT MARKINGS ONLY)

NOTES

1. GRINDING LIMITS ARE RELATED TO PANEL JOINTS, NOT STRIPING. SEE SHEETS P6 TO P19 FOR GRINDING LIMITS.
2. FOR 'REPLACE CEMENT CONCRETE PANEL (FULL), REPLACE CEMENT CONCRETE PANEL (PARTIAL), AND 'PARTIAL DEPTH SPALL REPAIR' SCHEDULES, SEE SHEETS P6 TO P19.

LEGEND

(1) CEMENT CONCRETE PAVEMENT GRINDING (SEE NOTE 1)

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_RS.dgn					
TIME	3:25:23 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/24/2021					
PLOTTED BY	bertolt				JOB NUMBER 21A012	
DESIGNED BY	B. KOSA					
ENTERED BY	B. KOSA					
CHECKED BY	L. CLAYWELL				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	A. EMERSON					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER
Adam Emerson
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

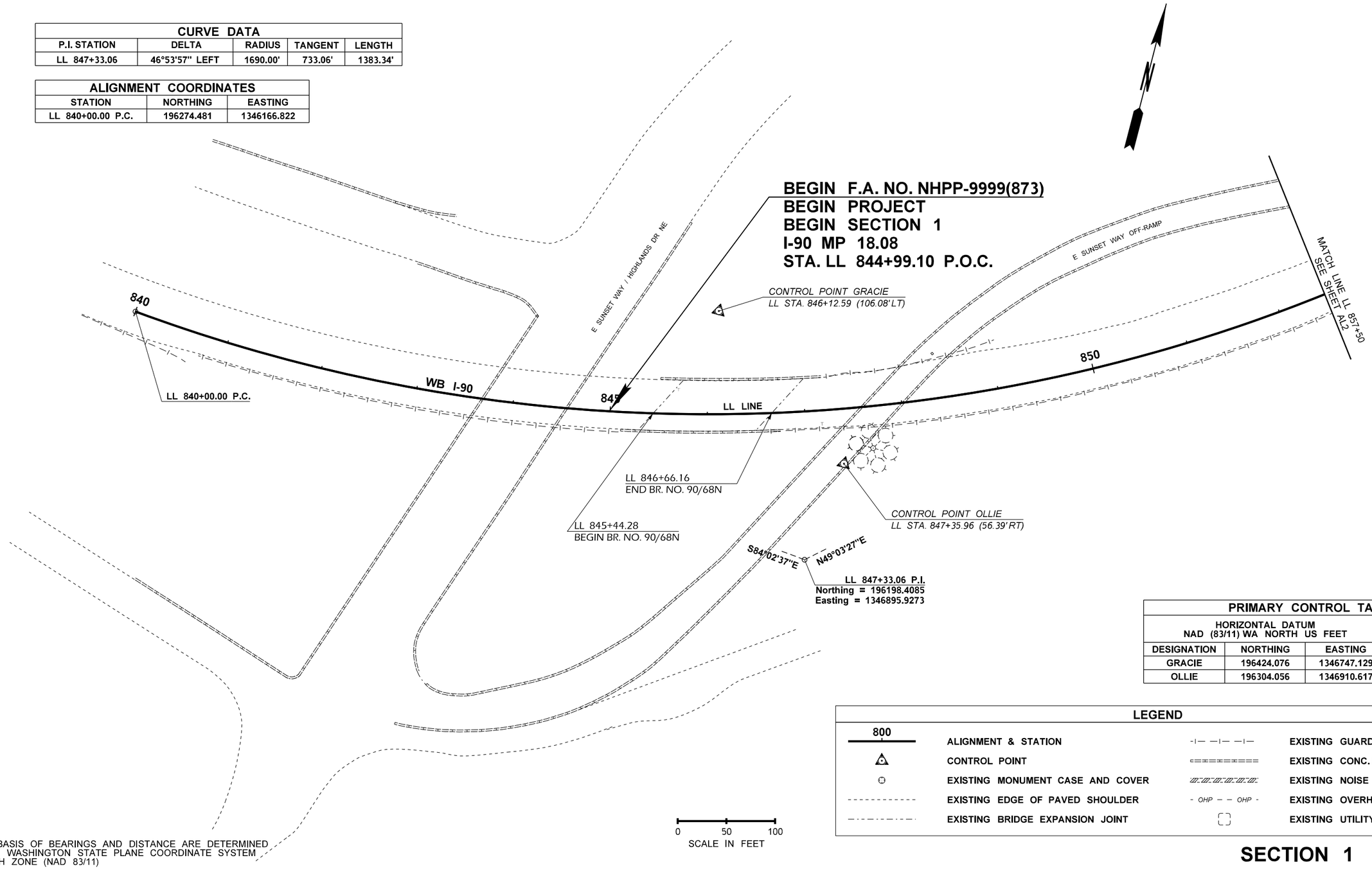
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ROADWAY SECTION

Plot 2
PLAN REF NO RS7
SHEET 14 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 847+33.06	46°53'57" LEFT	1690.00'	733.06'	1383.34'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
LL 840+00.00 P.C.	196274.481	1346166.822



THE BASIS OF BEARINGS AND DISTANCE ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/11)

PRIMARY CONTROL TABLE			
HORIZONTAL DATUM NAD (83/11) WA NORTH US FEET			VERTICAL DATUM NAVD 88
DESIGNATION	NORTHING	EASTING	ELEVATION
GRACIE	196424.076	1346747.129	228.894'
OLLIE	196304.056	1346910.617	207.710'

LEGEND			
800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn					
TIME	3:05:17 PM					
DATE	11/16/2021					
PLOTTED BY	leec					
DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

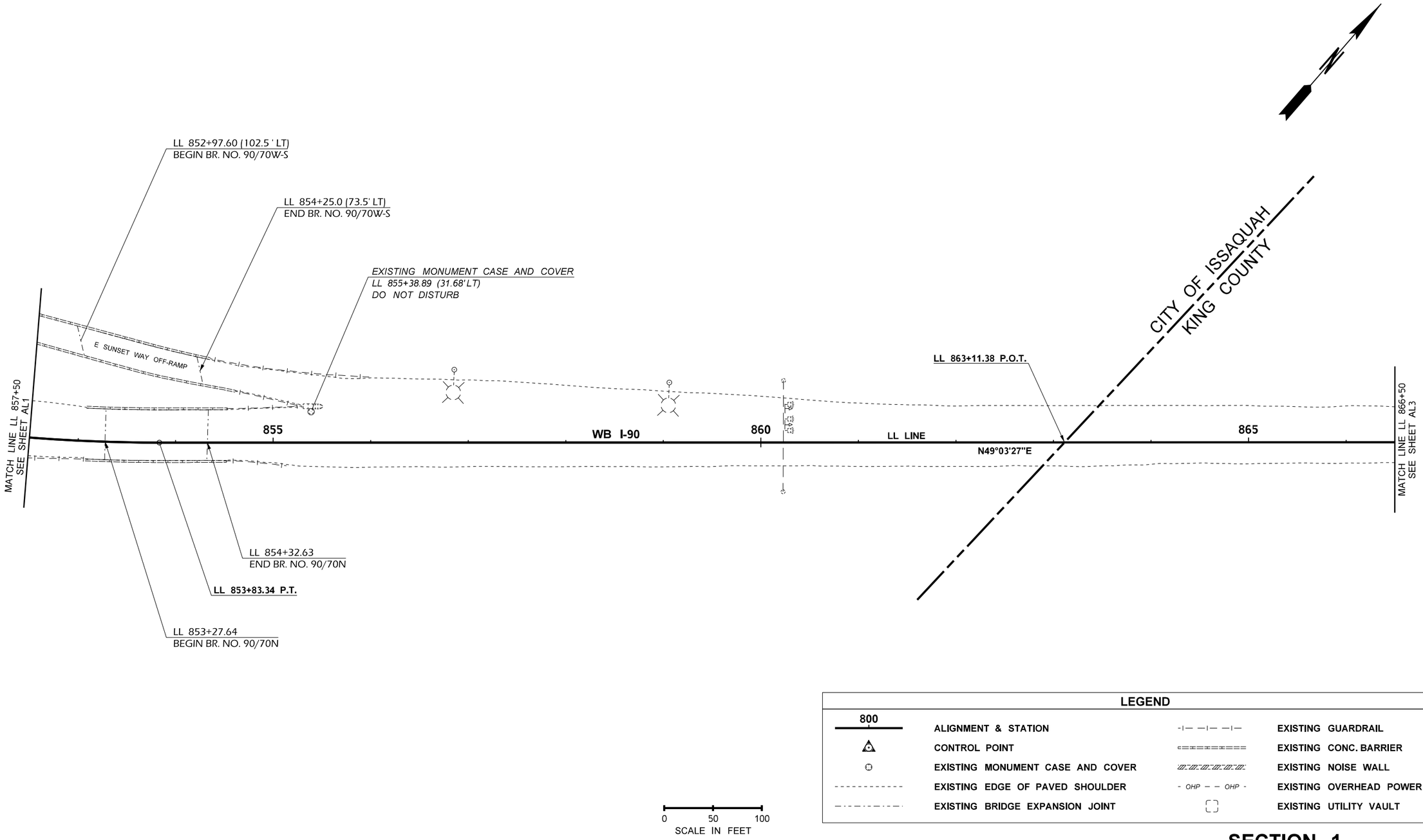
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 1
PLAN REF NO AL1
SHEET 15 OF 240 SHEETS



LEGEND

800	ALIGNMENT & STATION	-|— —|— —|—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:18 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

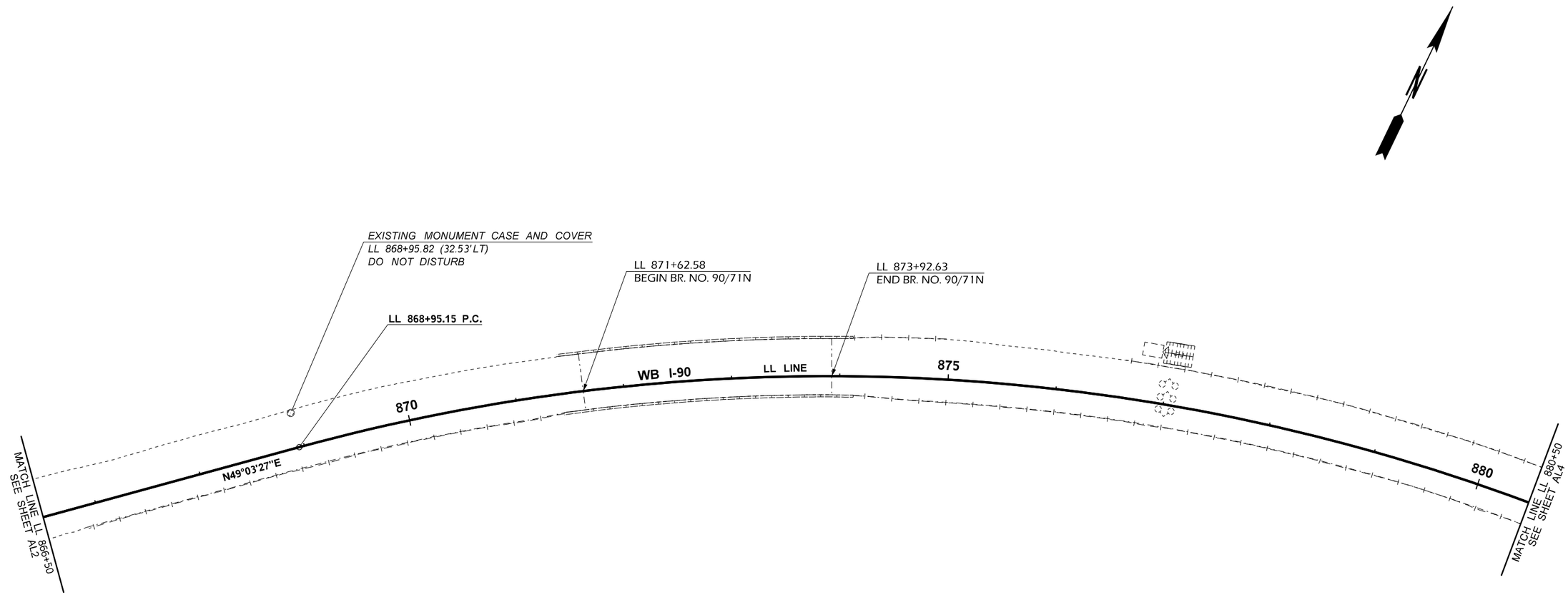
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 2
PLAN REF NO
AL2
SHEET 16 OF 240 SHEETS



LEGEND

800	ALIGNMENT & STATION		EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP - - OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:20 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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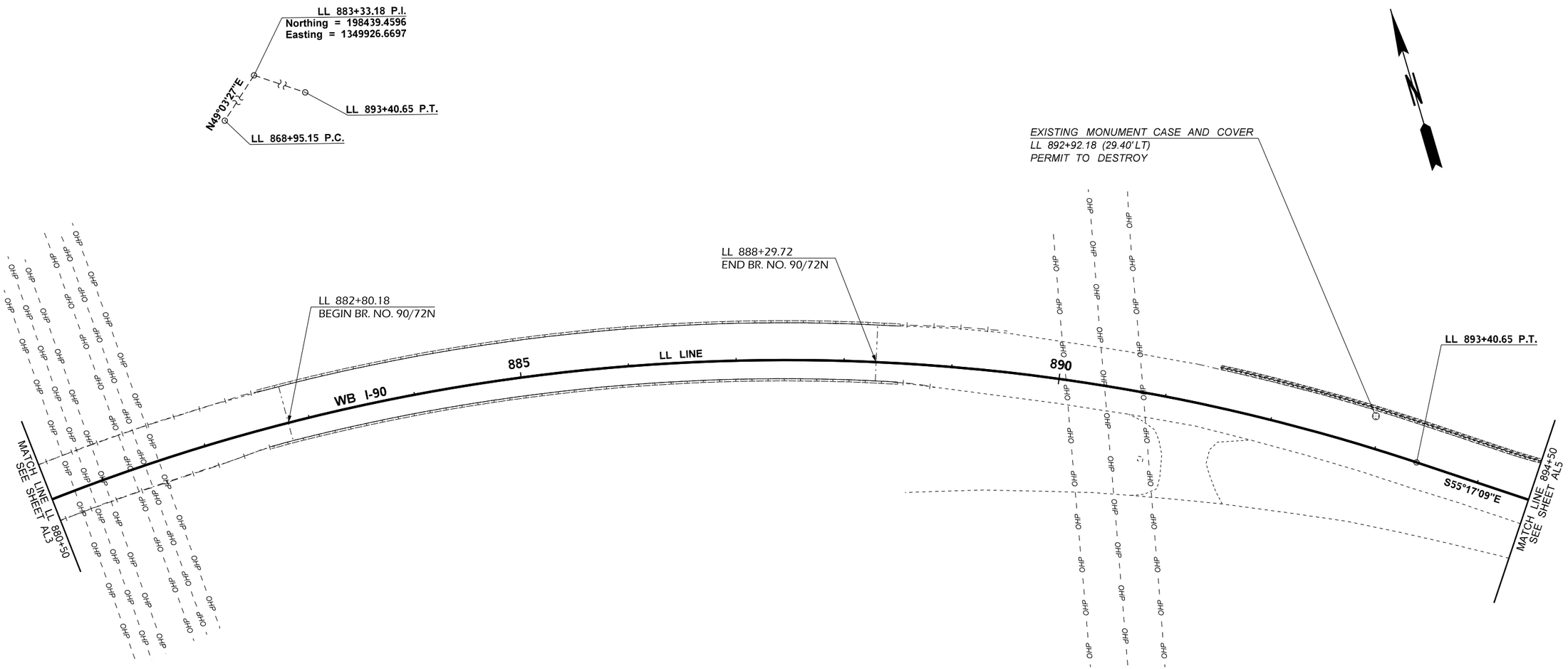
Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 3
PLAN REF NO AL3
SHEET 17 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 883+33.18	75°39'25" RIGHT	1852.00'	1438.03'	2445.49'



0 50 100
SCALE IN FEET

LEGEND			
800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn					
TIME	3:05:21 PM				REGION NO. 10	STATE WASH
DATE	11/16/2021					FED.AID PROJ.NO.
PLOTTED BY	leec				JOB NUMBER 21A012	
DESIGNED BY	C. LEE				CONTRACT NO.	LOCATION NO.
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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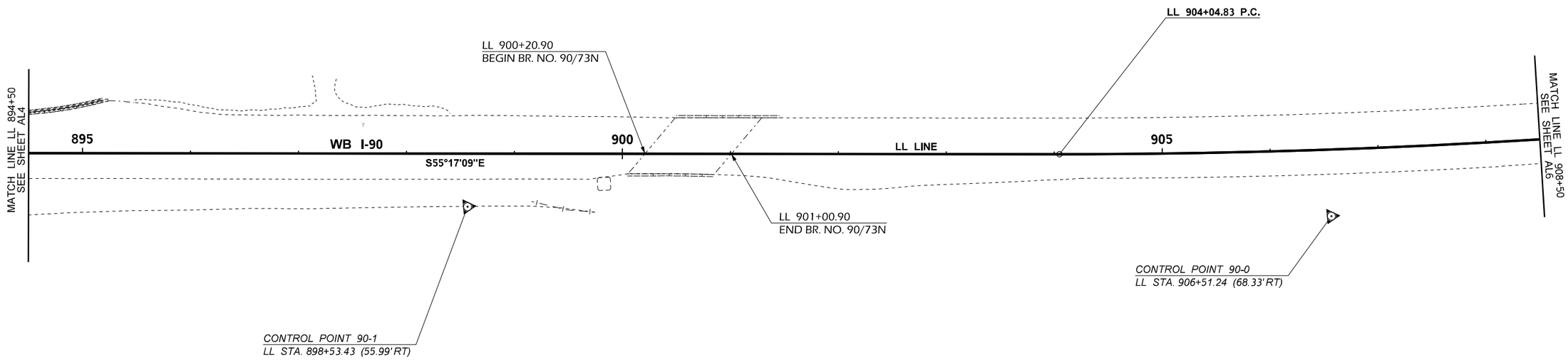
Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 4
PLAN REF NO
AL4
SHEET 18 OF 240 SHEETS

PRIMARY CONTROL TABLE			
HORIZONTAL DATUM NAD (83/11) WA NORTH US FEET			VERTICAL DATUM NAVD 88
DESIGNATION	NORTHING	EASTING	ELEVATION
90-1	197458.591	1351256.061	312.565'
90-0	196996.368	1351909.261	343.313'



LEGEND			
800	ALIGNMENT & STATION		EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP - - OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn					
TIME	3:05:23 PM					
DATE	11/16/2021					
PLOTTED BY	leec					
DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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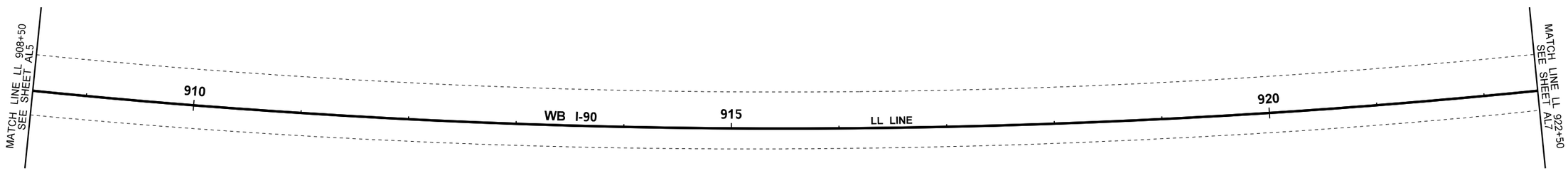
Washington State
Department of Transportation

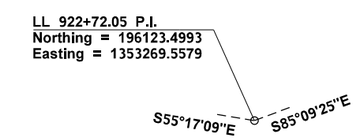
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 5
PLAN REF NO
AL5
SHEET 19 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 922+72.05	29°52'17" LEFT	7000.00'	1867.22'	3649.47'





LEGEND

800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:24 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

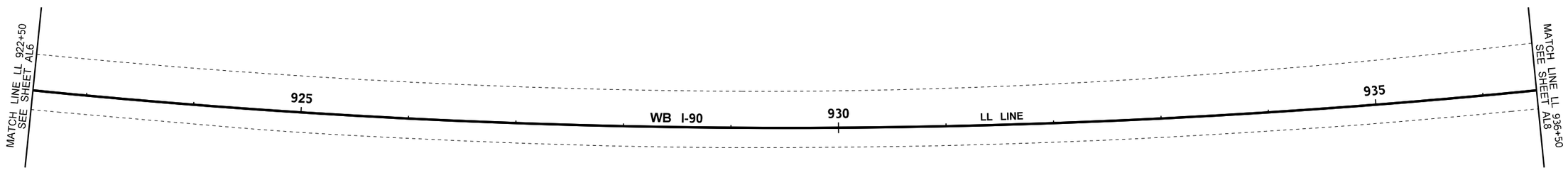
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 6
PLAN REF NO AL6
SHEET 20 OF 240 SHEETS



LEGEND

800	ALIGNMENT & STATION	-|— —|— —|—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:19 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

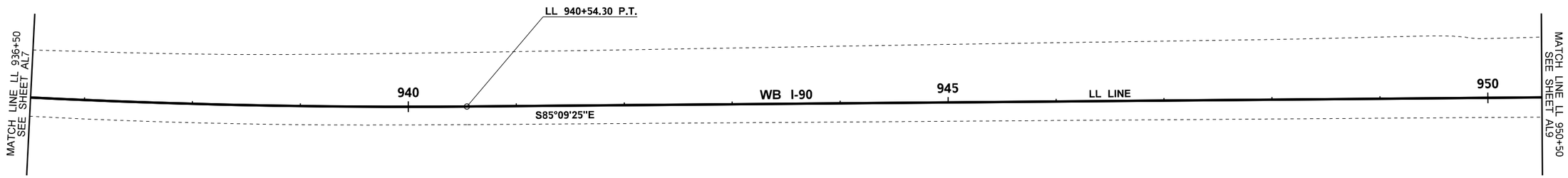
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 7
PLAN REF NO
AL7
SHEET 21 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

800	ALIGNMENT & STATION		EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	OHP	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn				
TIME	3:05:24 PM				
DATE	11/16/2021				
PLOTTED BY	leec				
DESIGNED BY	C. LEE				
ENTERED BY	A. OLSEN				
CHECKED BY	C. ANDERSON				
PROJ. ENGR.	C. WINNINGHAM				
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

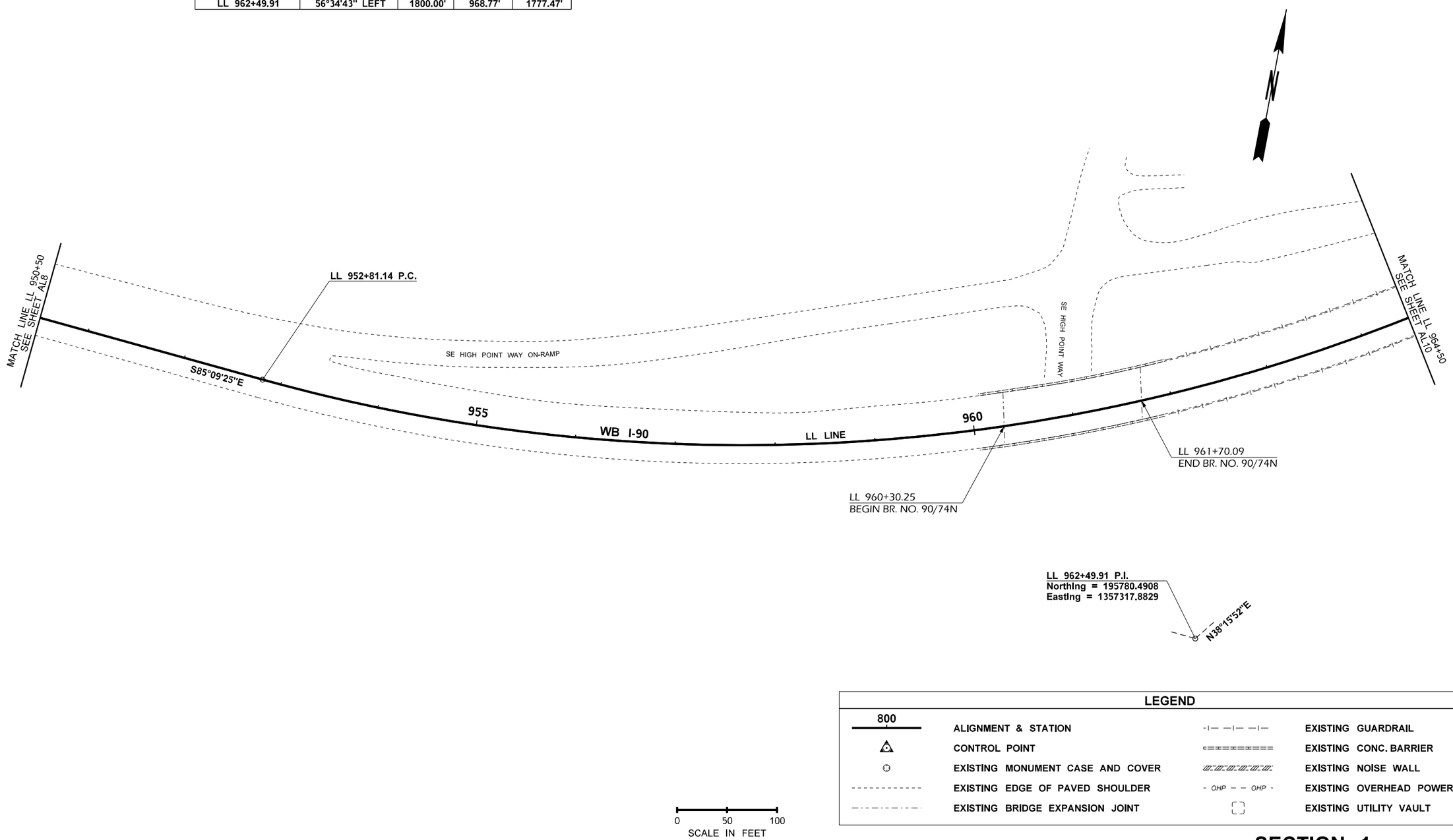
Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 8
PLAN REF NO
AL8
SHEET 22 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 962+49.91	56°34'43" LEFT	1800.00'	968.77'	1777.47'



LEGEND

800	ALIGNMENT & STATION		EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP - - OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:05:25 PM				JOB NUMBER 21A012		
DATE	11/16/2021						
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

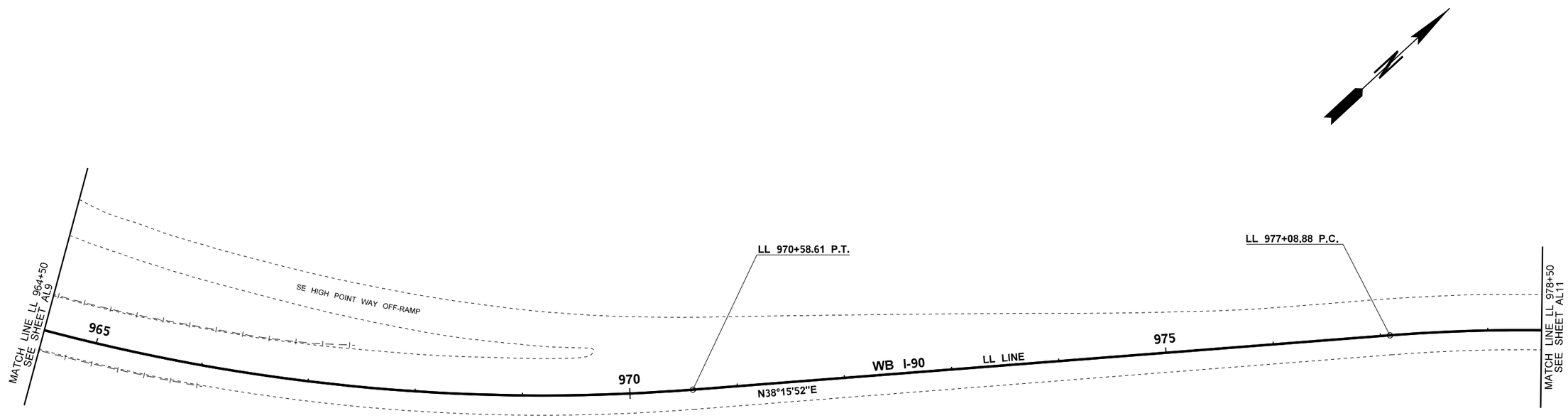
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 9
PLAN REF NO
AL9
SHEET 23 OF 240 SHEETS



LEGEND

800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:26 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — SEE SHEET CT1 — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

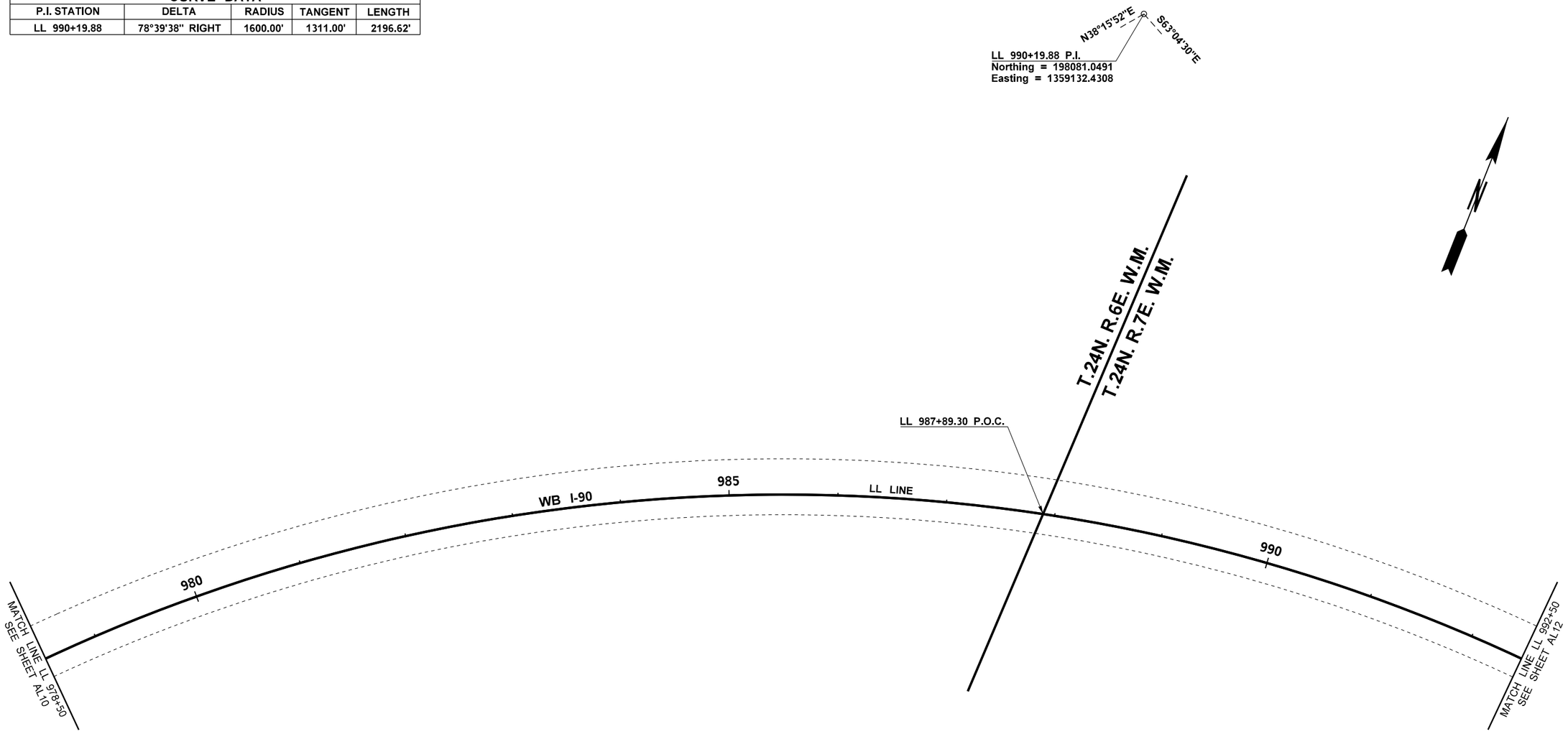
ALIGNMENT & EXISTING UTILITY PLAN

Plot 10

PLAN REF NO AL10

SHEET 24 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 990+19.88	78°39'38" RIGHT	1600.00'	1311.00'	2196.62'



0 50 100
SCALE IN FEET

LEGEND

800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn					
TIME	3:05:27 PM				REGION NO. 10	STATE WASH
DATE	11/16/2021					FED.AID PROJ.NO.
PLOTTED BY	leec				JOB NUMBER 21A012	
DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

P.E. STAMP BOX — SEE SHEET CT1 — DATE

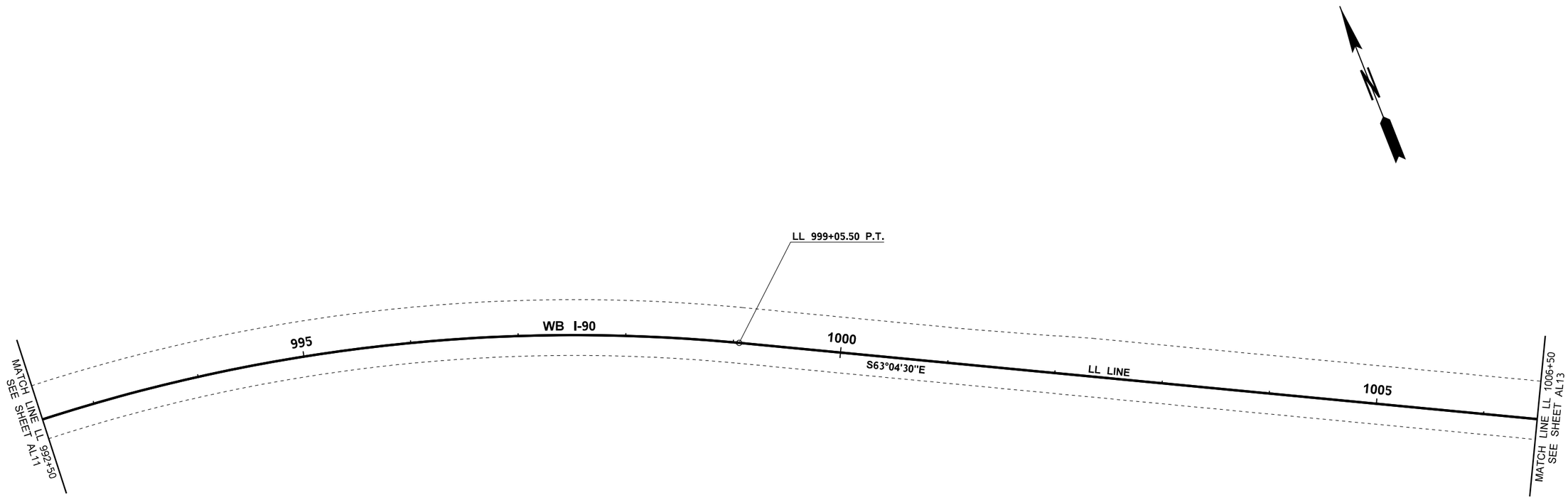
P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 11
PLAN REF NO AL11
SHEET 25 OF 240 SHEETS



LEGEND

800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn
TIME	3:05:28 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	A. OLSEN
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

CULLEN ANDERSON — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

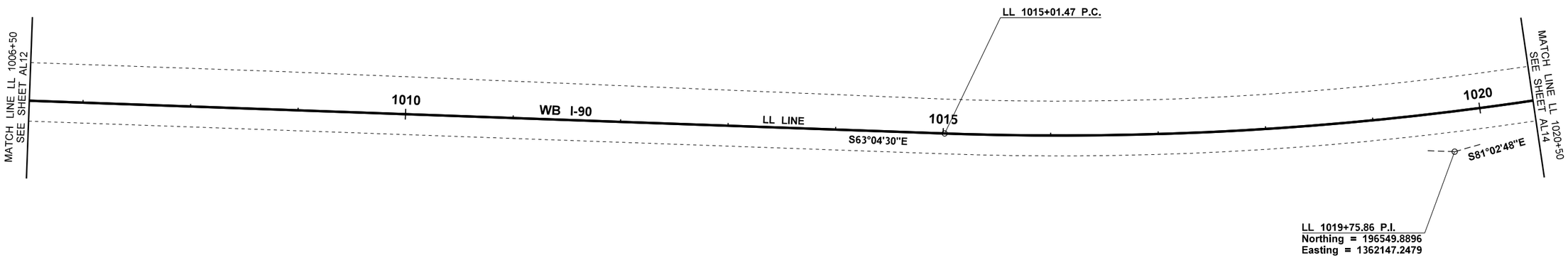
Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 12
PLAN REF NO AL12
SHEET 26 OF 240 SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
LL 1019+75.86	17°58'18" LEFT	3000.00'	474.39'	940.99'



0 50 100
SCALE IN FEET

LEGEND			
800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn					
TIME	3:05:29 PM					
DATE	11/16/2021					
PLOTTED BY	leec					
DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

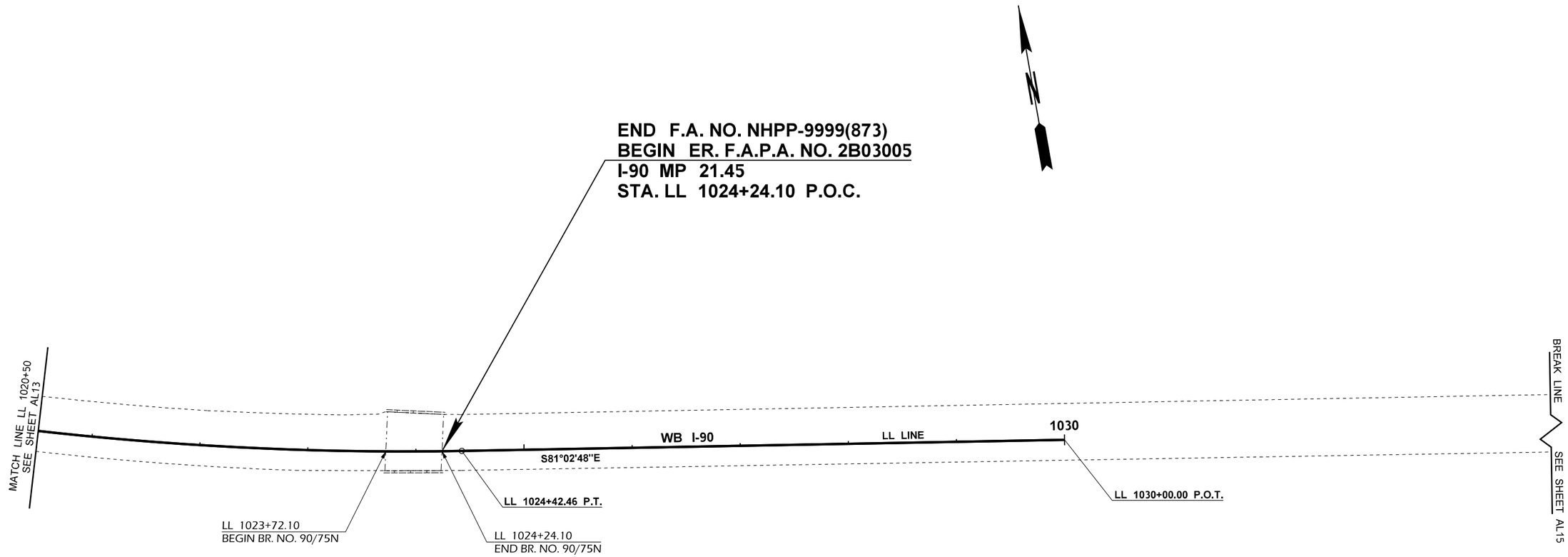
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 13
PLAN REF NO
AL13
SHEET 27 OF 240 SHEETS



ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
LL 1030+00.00 P.O.T.	196389.288	1363166.605

LEGEND			
800	ALIGNMENT & STATION	-|— —|— —|—	EXISTING GUARDRAIL
	CONTROL POINT		EXISTING CONC. BARRIER
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
	EXISTING BRIDGE EXPANSION JOINT		EXISTING UTILITY VAULT

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn						
TIME	3:05:30 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/16/2021				JOB NUMBER 21A012		
PLOTTED BY	leec						
DESIGNED BY	C. LEE				CONTRACT NO.		LOCATION NO.
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

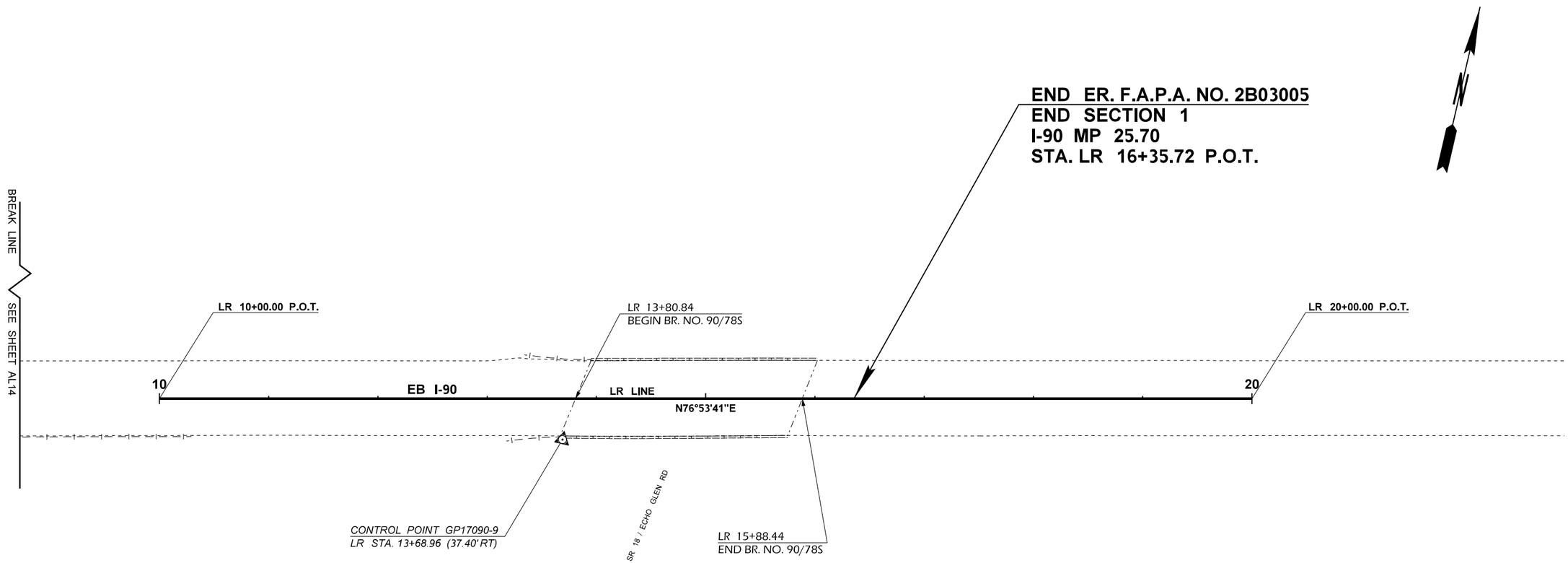
Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 14
PLAN REF NO
AL14
SHEET 28 OF 240 SHEETS

PRIMARY CONTROL TABLE			
HORIZONTAL DATUM NAD (83/11) WA NORTH US FEET			VERTICAL DATUM NAVD 88
DESIGNATION	NORTHING	EASTING	ELEVATION
GP17090-9	187115.469	1380710.828	928.315'



ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
LR 10+00.00 P.O.T.	187068.237	1380342.997
LR 20+00.00 P.O.T.	187294.980	1381316.951

0 50 100
SCALE IN FEET

LEGEND			
800	ALIGNMENT & STATION	-I— —I— —I—	EXISTING GUARDRAIL
△	CONTROL POINT		EXISTING CONC. BARRIER
⊙	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
- - - - - - - - - -	EXISTING EDGE OF PAVED SHOULDER	- OHP — — OHP -	EXISTING OVERHEAD POWER LINES
—·—·—·—·—	EXISTING BRIDGE EXPANSION JOINT	⛶	EXISTING UTILITY VAULT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_06_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:05:31 PM				JOB NUMBER 21A012		
DATE	11/16/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 15
PLAN REF NO AL15
SHEET 29 OF 240 SHEETS

PRIMARY CONTROL TABLE *			
HORIZONTAL DATUM NAD (83/91) WA NORTH US FEET			VERTICAL DATUM NAVD 88
DESIGNATION	NORTHING	EASTING	ELEVATION (USFt)
GP31005-158	673386.03	1634463.71	232.155
GP31005-159	675069.69	1634331.23	255.583

DATUM

(NAVD) 88

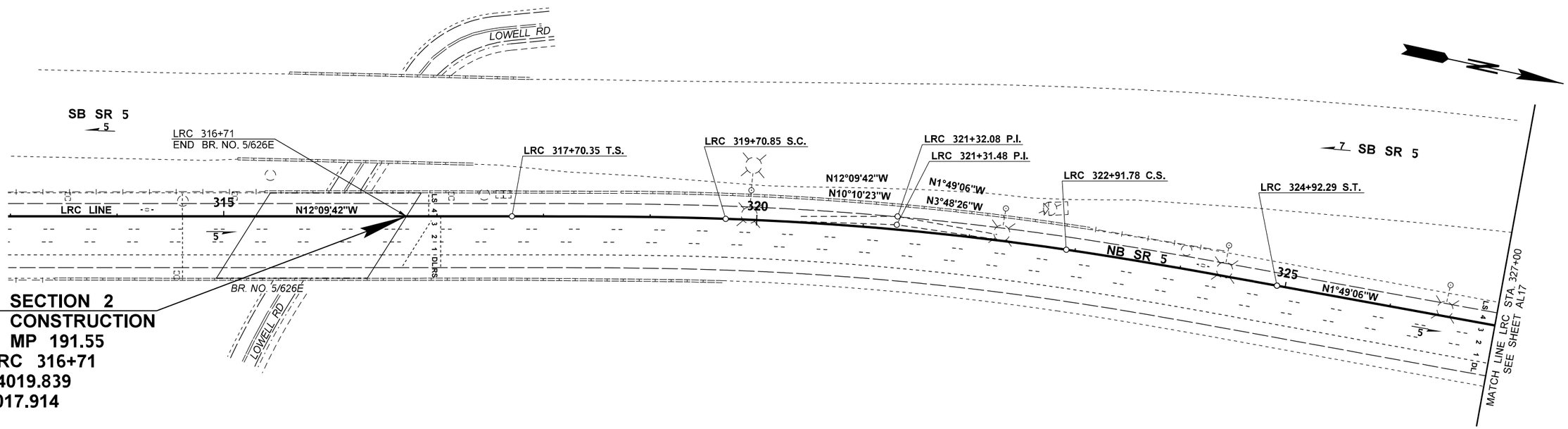
THE BASIS OF BEARINGS AND DISTANCE ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

* MONUMENTS ARE LOCATED SOUTH OF PROJECT LIMITS.

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA				
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls	NORTHING	EASTING
LRC 321+31.48			06°21'57" RT	2888.50	320.93	5%	0.01	01°59'01"	200.50	677469.185	1633930.669
LRC 321+32.08	10°20'35.1" RT	160.63	06°21'57.6" RT	2888.50	320.93	5%	0.01	01°59'18.7"	200.50	677468.222	1633922.800

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



BEGIN SECTION 2
BEGIN CONSTRUCTION
I-5 NB MP 191.55
STA. LRC 316+71
N 1634019.839
E 677017.914

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:26:12 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON STATE OF WASHINGTON 55567 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

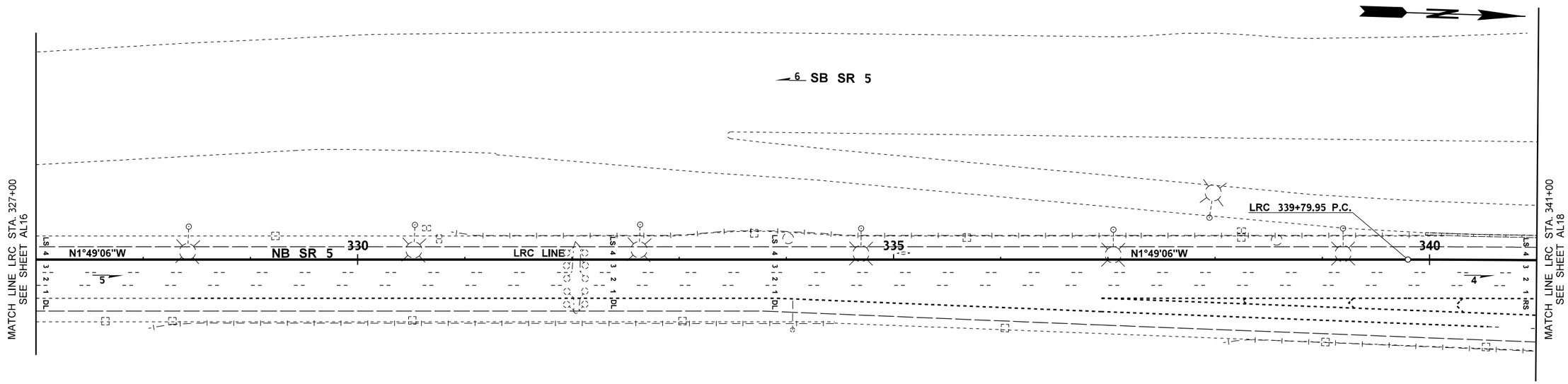
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
ALIGNMENT & EXISTING UTILITY PLAN

Plot 1
PLAN REF NO AL16
SHEET 30 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:26:33 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

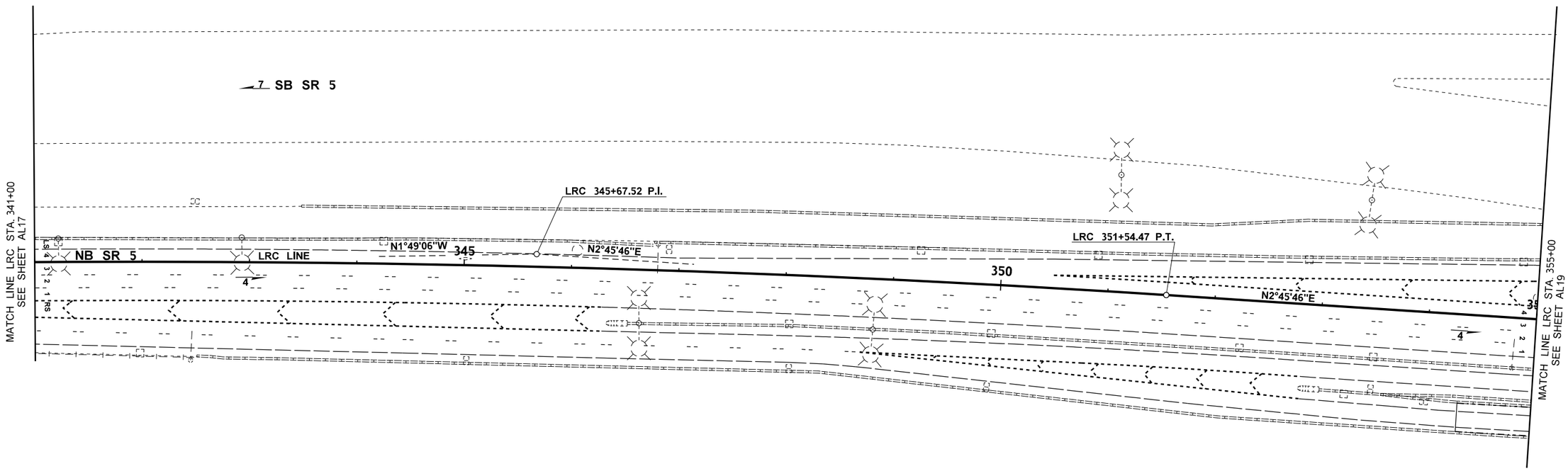
Plot 2
PLAN REF NO
AL17
SHEET 31 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

CURVE DATA							
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 345+67.52	04°34' 52" RT	14690.00	587.57	1174.52	2%	679903.958	1633845.476

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:26:57 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5

E SUNSET WAY VIC & NB LOWELL RD VIC

PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 3

PLAN REF NO AL18

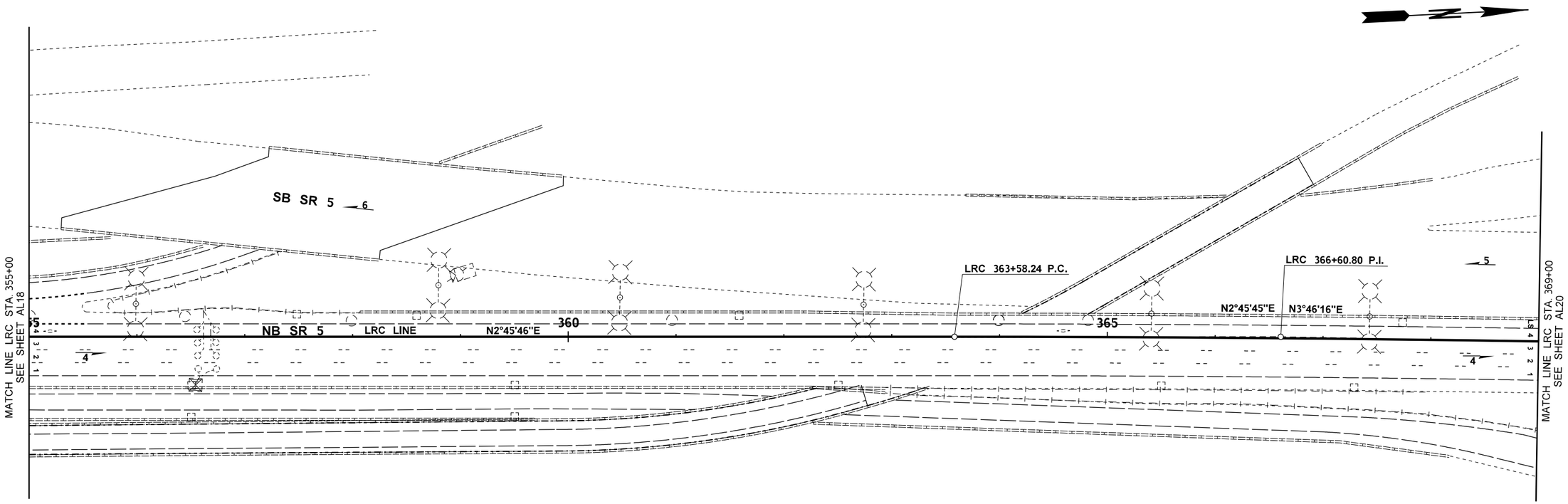
SHEET 32 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

CURVE DATA							
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 366+60.80	01°00'31" RT	34373.00	302.56	605.10	NC	681995.427	1633946.392

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:27:19 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

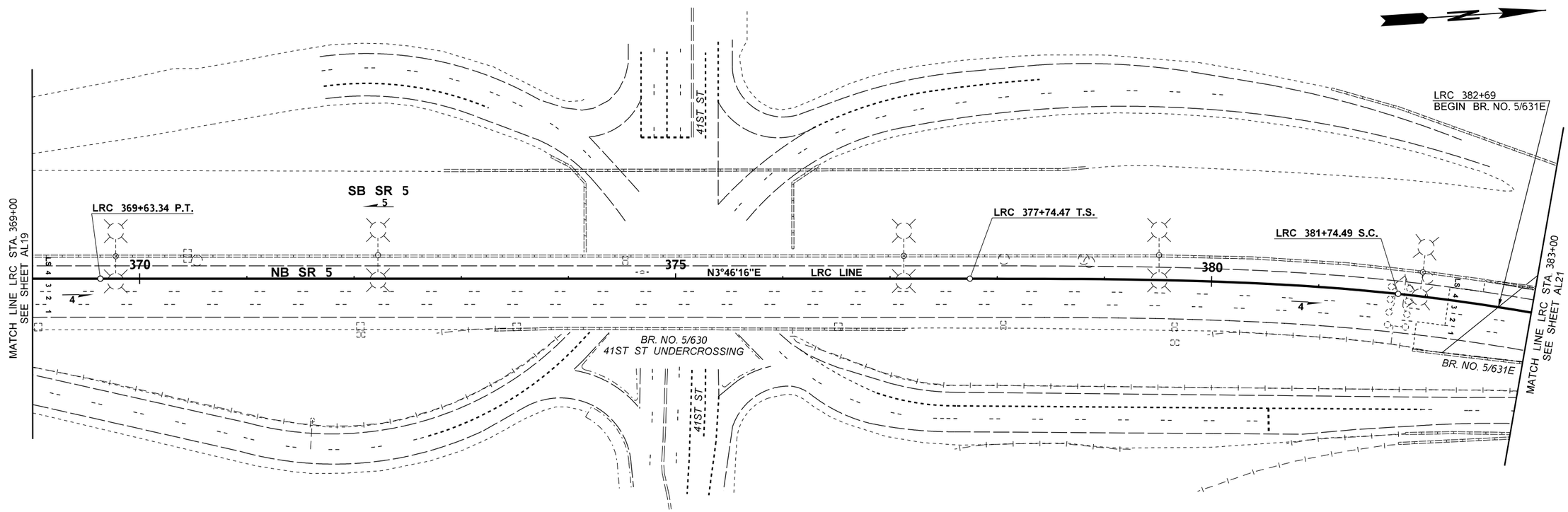
PLAN REF NO AL19

SHEET 33 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn					
TIME	7:27:42 AM					
DATE	11/22/2021					
PLOTTED BY	haukapa					
DESIGNED BY	B. KOSA					
ENTERED BY	B. KOSA					
CHECKED BY	L. CLAYWELL					
PROJ. ENGR.	A. EMERSON					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

DAN A. EMERSON — STATE OF WASHINGTON — 53567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 5

PLAN REF NO AL20

SHEET 34 OF 240 SHEETS

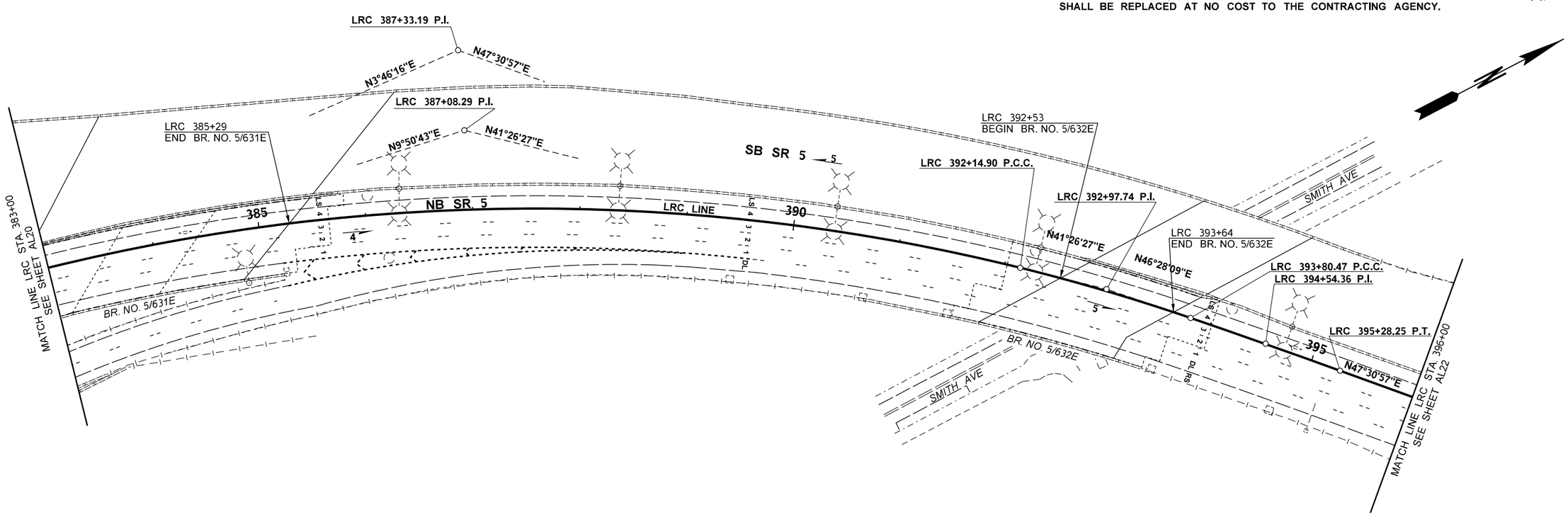
THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA				
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls	NORTHING	EASTING
LRC 387+33.19	43°44'36.9" RT	533.80	31°35'44.2" RT	1886.69	1040.41	7%	0.02	06°04'26.4"	400.02	684063.345	1634082.704

CURVE DATA							
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 387+08.29	31°35'44" RT	1886.69	533.80	1040.41		684030.421	1634151.294
LRC 392+97.74	05°41'15" RT	1886.69	82.84	165.57		684492.679	1634559.416
LRC 394+54.36	01°02'48" RT	8088.92	73.89	147.78		684600.626	1634673.046

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:28:12 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON ADAM A. EMERSON 55567 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 6
PLAN REF NO AL21
SHEET 35 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 404+26.12	09°51'56" LT	2995.00	258.49	515.70		685256.941	1635389.685
LRC 407+84.80	05°02'28" LT	2305.00	101.47	202.80		685541.936	1635609.559

NOTES

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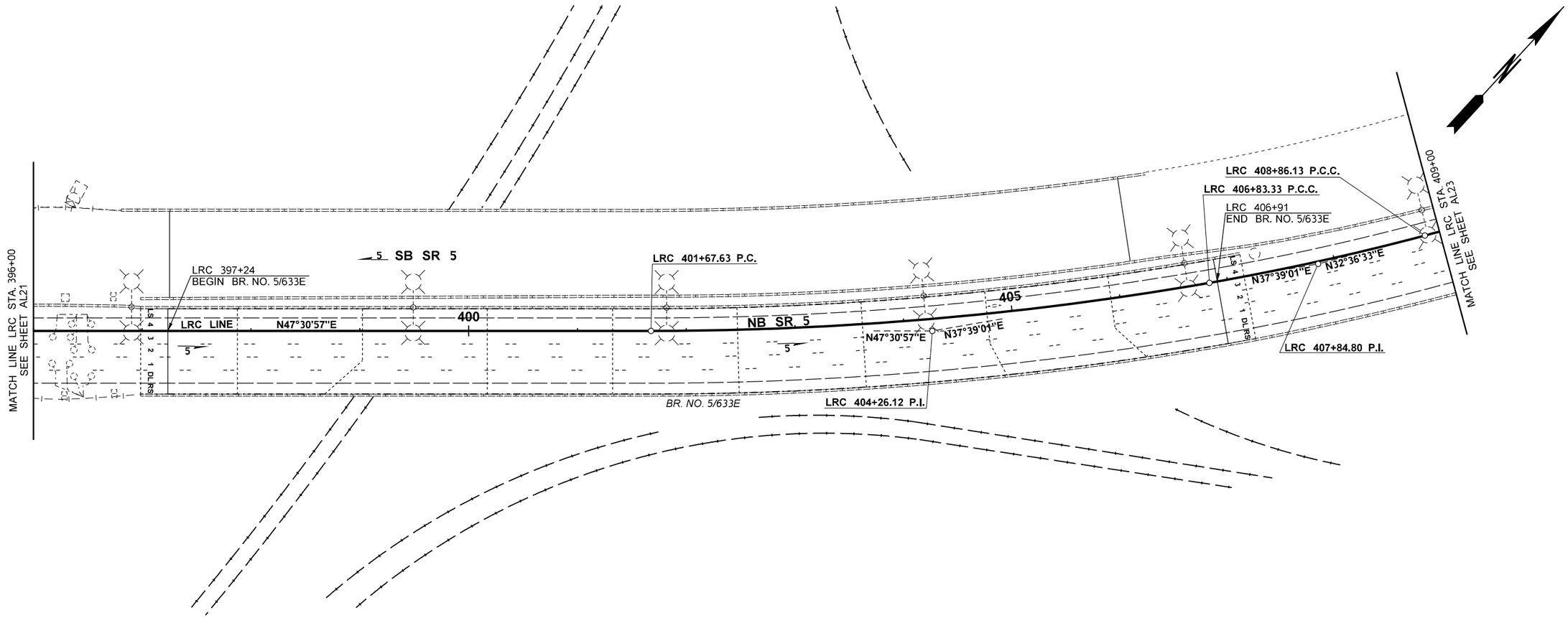

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:28:31 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5

E SUNSET WAY VIC & NB LOWELL RD VIC

PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 7

PLAN REF NO AL22

SHEET 36 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA				
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls	NORTHING	EASTING
LRC 411+63.07	37°26'02" LT	1133.15	18°37'57" LT	2888.25	939.26	5%	0.01	02°58'33"	300.02	685752.384	1635930.666

CURVE DATA							
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 409+34.26	00°55'09" LT	6000.00	48.13	96.26		685667.951	1635690.177
LRC 414+56.20	18°37'57" LT	2888.25	473.81	939.26		686112.076	1635964.365

NOTES
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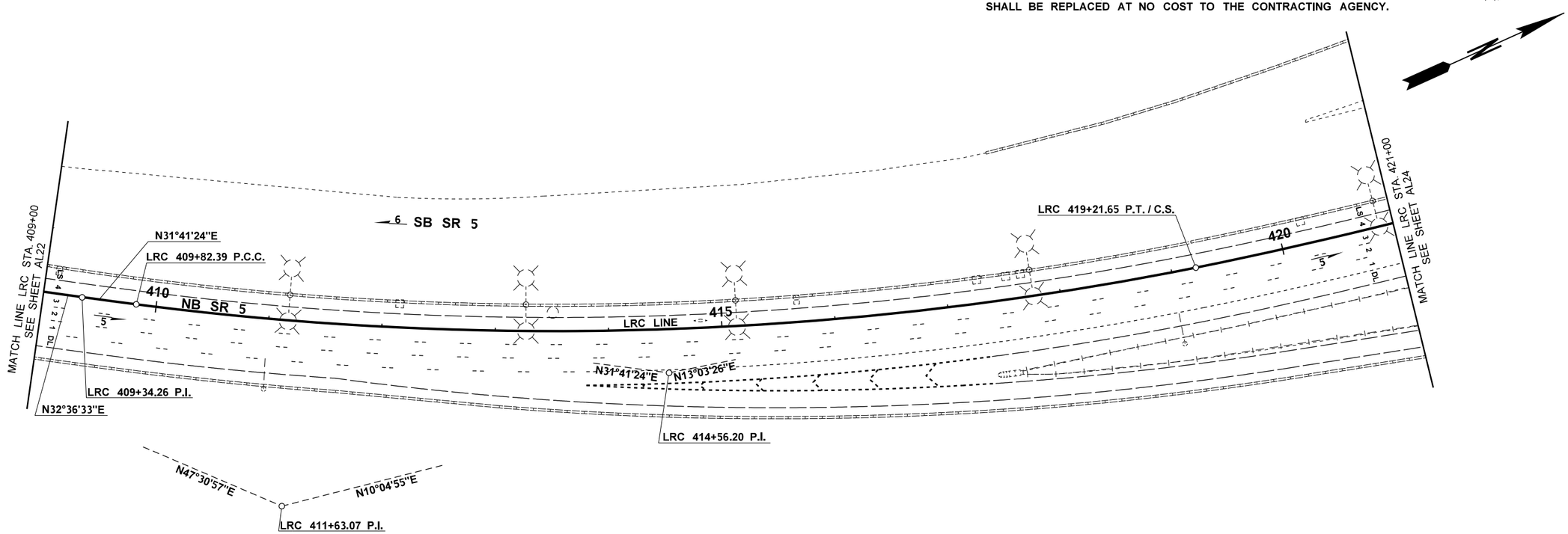

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
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- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	7:28:53 AM						
DATE	11/22/2021						
PLOTTED BY	haukapa				JOB NUMBER 21A012		
DESIGNED BY	B. KOSA						
ENTERED BY	B. KOSA						
CHECKED BY	L. CLAYWELL				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

ADAM A. EMERSON STATE OF WASHINGTON 55567 REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
ALIGNMENT & EXISTING UTILITY PLAN

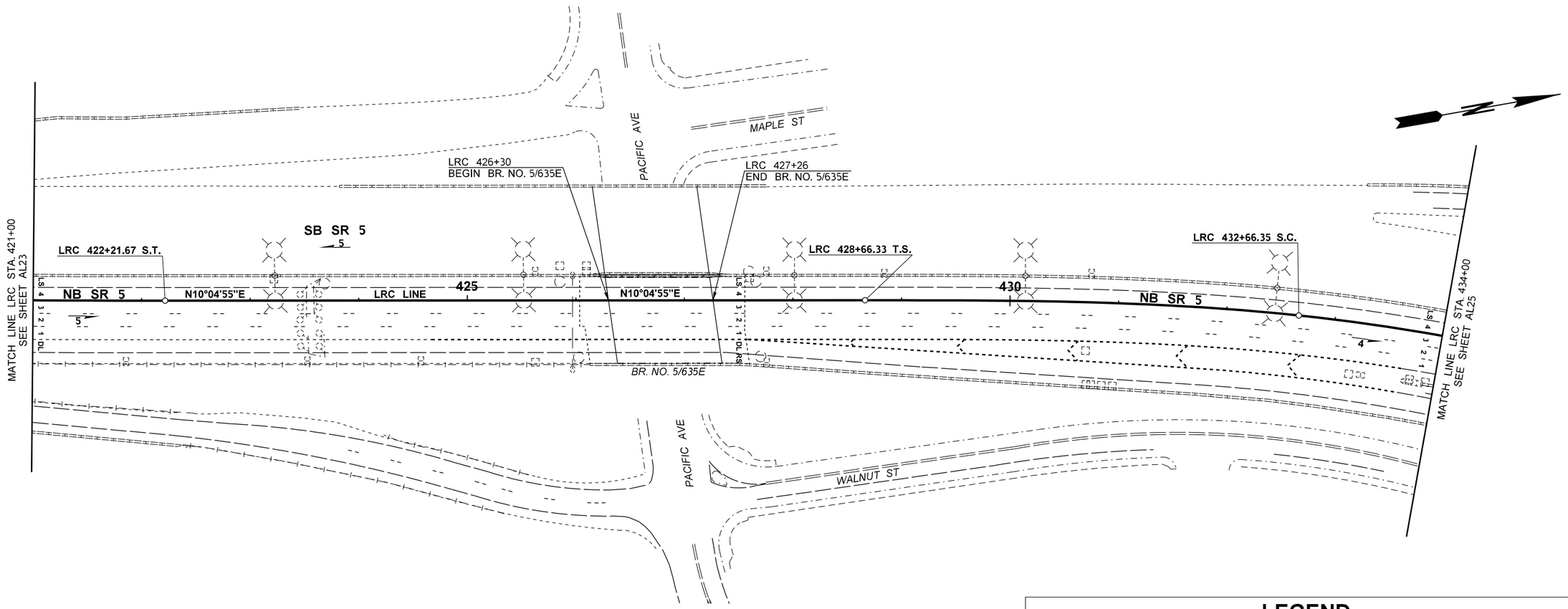
PLAN REF NO AL23

SHEET 37 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
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- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	7:29:12 AM				JOB NUMBER 21A012		
DATE	11/22/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	haukapa						
DESIGNED BY	B. KOSA						
ENTERED BY	B. KOSA						
CHECKED BY	L. CLAYWELL						
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5

E SUNSET WAY VIC & NB LOWELL RD VIC

PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 9

PLAN REF NO AL24

SHEET 38 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

CURVE DATA							
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S	NORTHING	EASTING
LRC 435+86.90	19°17'06.5" RT	1886.69	320.55	635.04		688201.563	1636414.922

NOTES

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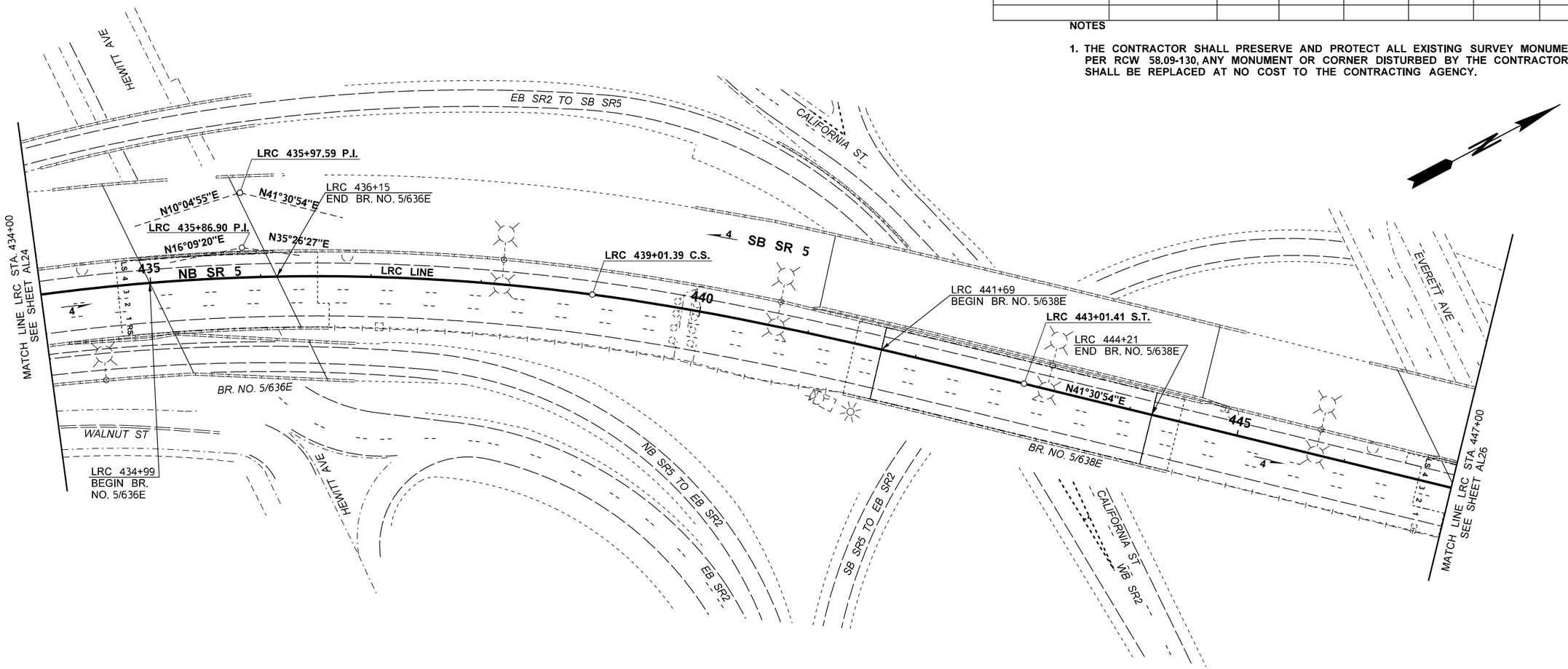

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:29:37 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
ALIGNMENT & EXISTING UTILITY PLAN

Plot 10
PLAN REF NO AL25
SHEET 39 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

NOTES

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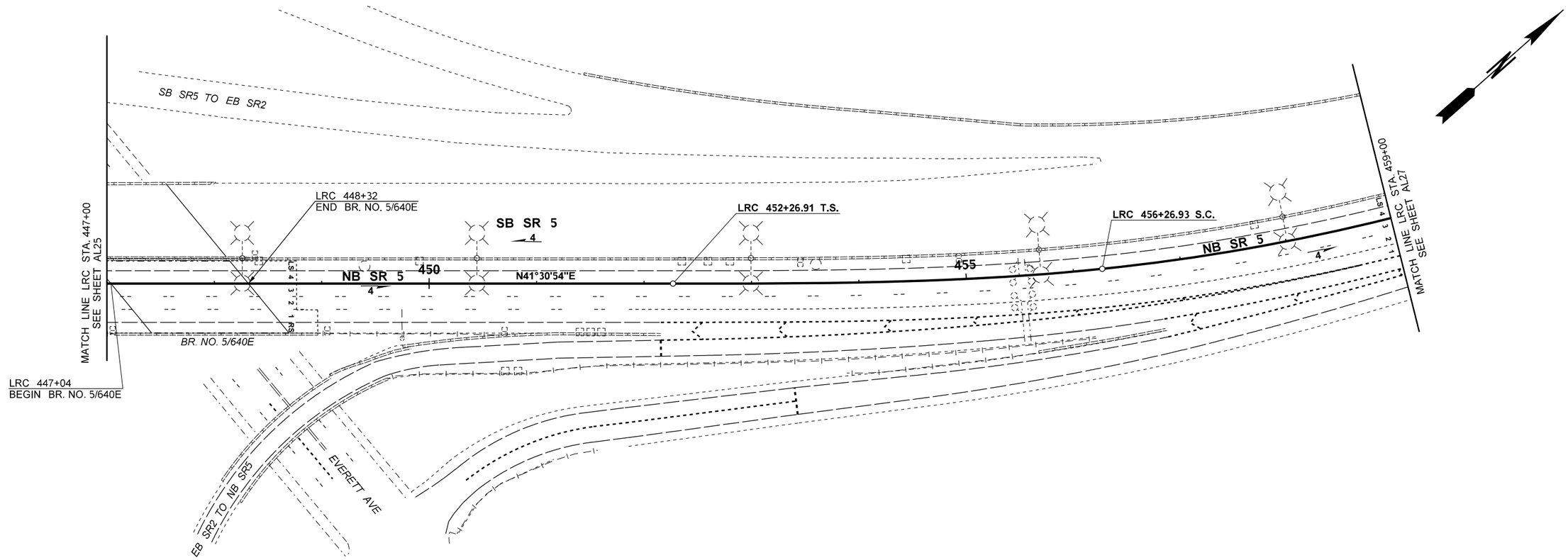

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
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- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:29:59 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 11
PLAN REF NO AL26
SHEET 40 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/91)

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA				
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls	NORTHING	EASTING
LRC 461+02.88		475.95	27°39'40" LT	1933.26	933.34					690159.677	1638000.015
LRC 461+21.94	39°31'00" LT	895.60	27°39'40" LT	1933.26	933.34	7%	0.01	05°55'40"	400.02	690134.891	1638062.120

NOTES

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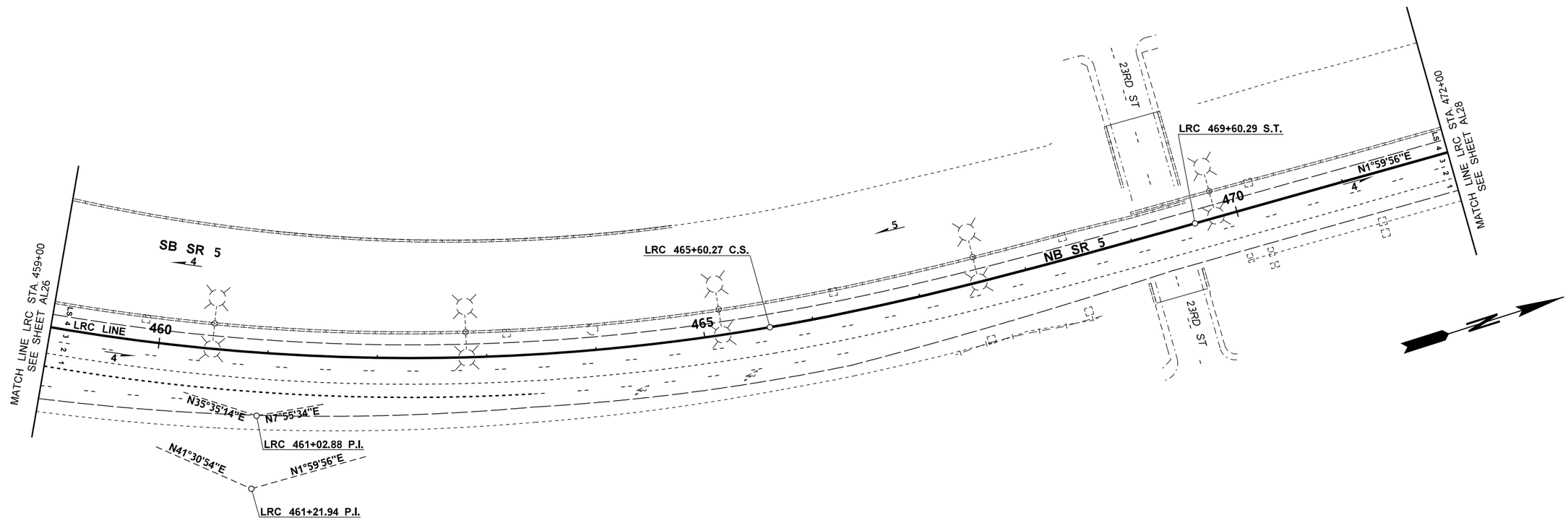

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	7:30:20 AM				JOB NUMBER 21A012		
DATE	11/22/2021						
PLOTTED BY	haukapa						
DESIGNED BY	B. KOSA				CONTRACT NO.		LOCATION NO.
ENTERED BY	B. KOSA						
CHECKED BY	L. CLAYWELL						
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5

E SUNSET WAY VIC & NB LOWELL RD VIC

PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 12

PLAN REF NO AL27

SHEET 41 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/11)

TOTAL CURVE DATA			CURVE DATA				SPIRAL DATA				
P.I. STATION	DELTA	TANGENT	DELTA	RADIUS	LENGTH	S	a	DE	Ls	NORTHING	EASTING
LRC 482+82.41		189.94	15°21'11" RT	1409.20	377.61					692341.393	1638221.744
LRC 483+04.69	39°45'00" RT	812.84	15°21'11" RT	1409.20	377.61	9%	0.02	12°11'54"	600.04	692374.116	1638140.254

NOTES

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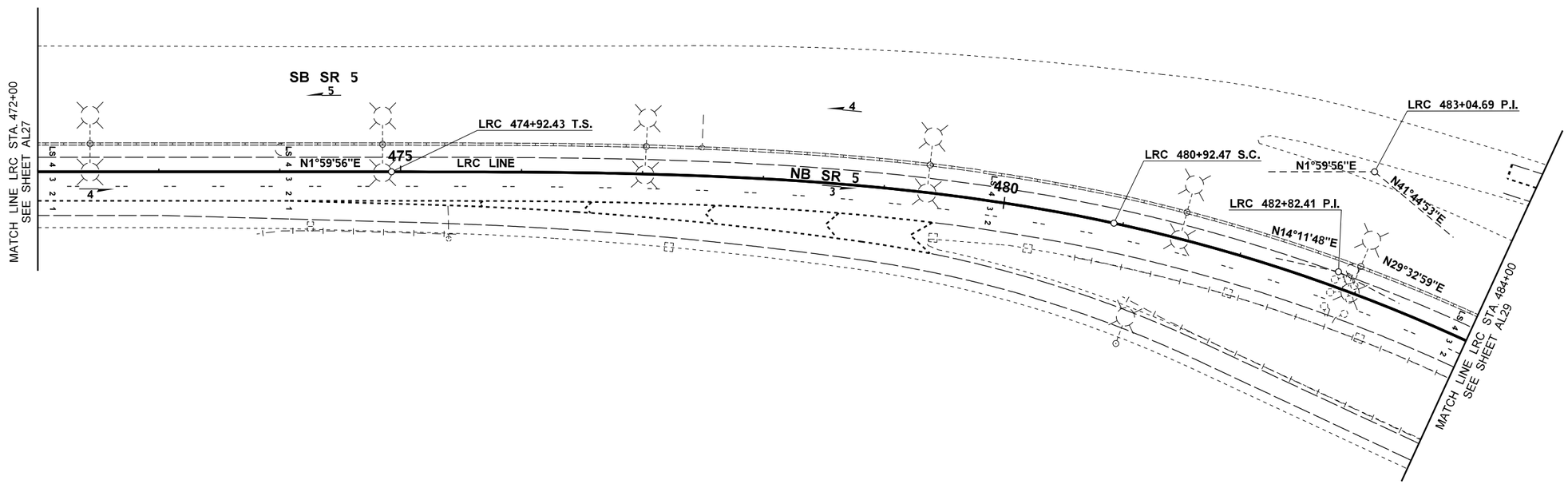

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
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- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:30:45 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

SEE SHEET CT1
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5

E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 13

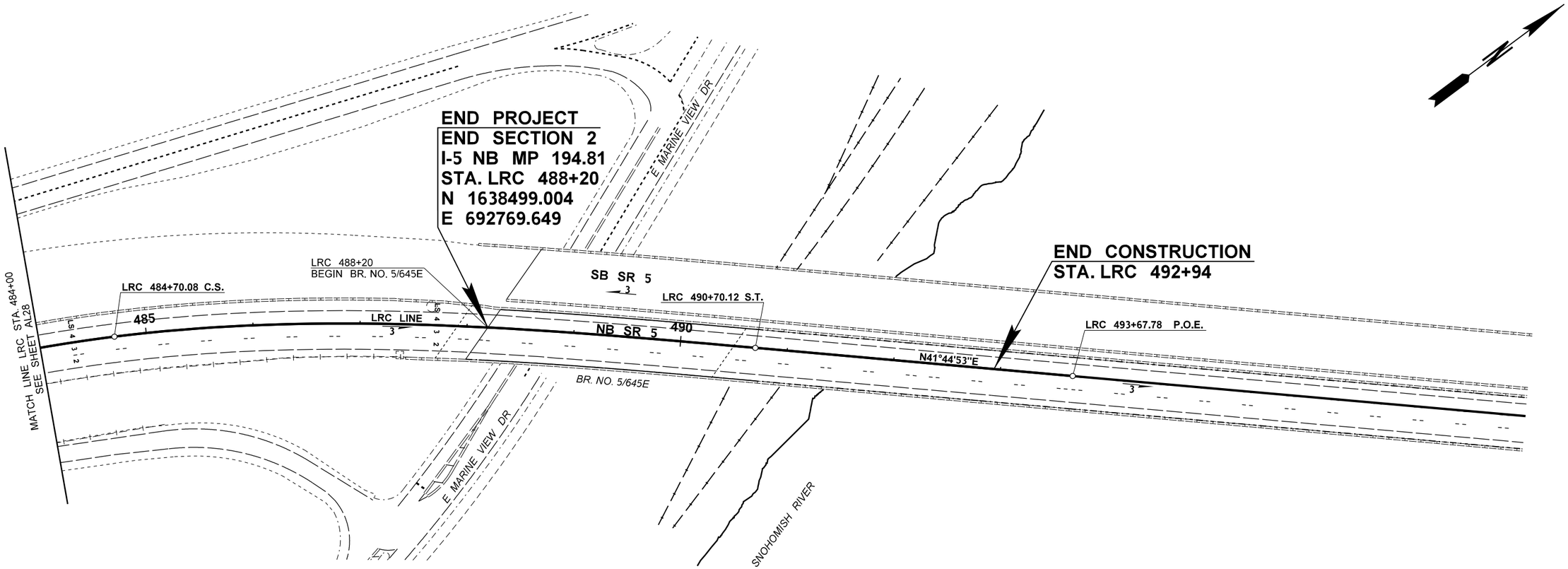
PLAN REF NO AL28

SHEET 42 OF 240 SHEETS

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD 83/11)

NOTES

1. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING SURVEY MONUMENTS. PER RCW 58.09-130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR(S), SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- CONTROL POINT
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN BRIDGE
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_AL.dgn
TIME	7:31:07 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ALIGNMENT & EXISTING UTILITY PLAN

Plot 14
PLAN REF NO AL29
SHEET 43 OF 240 SHEETS

QUANTITY TABULATION - SITE PREPARATION / TESC

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 ➢	REMOVING TRENCH DRAIN (FOR INFORMATION ONLY)	REMOVING DRAIN PIPE (FOR INFORMATION ONLY)	REMOVING PLASTIC LINE *	REMOVING MONUMENT CASE AND COVER		CHECK DAM	INLET PROTECTION **	HIGH VISIBILITY FENCE									SEE GENERAL NOTES
		L.F.	L.F.		EACH		L.F.	EACH	L.F.									
	SECTION 1																	
SP1-1	LL 845+75.0 (LT)							1										1
SP1-2	LL 847+31.07 (24' LT) TO LL 874+12.58 (24' LT)			720														
SP1-3	LL 847+31.07 (12' LT) TO LL 874+12.58 (12' LT)			2690														
SP1-4	LL 847+31.07 (℄) TO LL 874+12.58 (℄)			2690														
SP1-5	LL 847+31.07 (12' RT) TO LL 874+12.58 (12' RT)			2690														
SP2-1	LL 853+25.0 (LT)							1										1
SP2-2	LL 860+87.0 (LT)							1										1
SP3-1	LL 871+59.0 (RT)							1										1
SP3-2	LL 871+37.64 (24' LT) TO LL 87412.58 (12' LT)			280														
SP4-1	LL 882+76.5 (RT)							1										1
SP4-2	LL 888+86.0 (LT)						18											2
SP4-3	LL 891+37.5 (41.4' LT)							1										1
SP4-4	LL 891+37.7 (33.6' LT)							1										1
SP4-5	LL 891+38.5 (33' LT) TO LL 891+47.5 (33' T)		9															3
SP4-6	LL 891+47.5 (33' LT) TO LL 895+21.5 (46' LT)	379																3
SP4-7	LL 890+86.0 (49' LT) TO LL 891+44.0 (44' LT)								60									4
SP4-8	LL 893+96.5 (RT)							1										1
SP4-9	LL 892+92.2 (29.4' LT)				1													5
SP4-10	LL 882+55.48 (24' LT) TO LL 882+80.18 (24' LT)			610														
SP4-11	LL 882+55.48 (12' LT) TO LL 882+80.18 (12' LT)			610														
SP4-12	LL 882+55.48 (℄) TO LL 882+80.18 (℄)			600														
SP4-13	LL 882+55.48 (12' RT) TO LL 882+80.18 (12' RT)			600														
SP5-1	LL 896+80.0 (RT)							1										1
SP5-2	LL 900+45.0 (LT)							1										1
SP5-3	LL 900+90.5 (RT)							1										1
SP5-4	LL 895+55.27 (24' LT) TO LL 901+58.86 (24' LT)			530														6
SP5-5	LL 895+55.27 (12' LT) TO LL 901+58.86 (12' LT)			530														6
SP5-6	LL 895+55.27 (℄) TO LL 901+58.86 (℄)			530														6
SP5-7	LL 895+55.27 (12' RT) TO LL 901+58.86 (12' RT)			530														6
SP6-1	LL 1023+69.0 (LT)							1										1
SP6-2	LL 1023+46.15 (24' LT) TO LL 1023+72.10 (24' LT)			30														
SP6-3	LL 1023+46.15 (12' LT) TO LL 1023+72.10 (12' LT)			30														
SP6-4	LL 1023+46.15 (℄) TO LL 1023+72.10 (℄)			30														
SP6-5	LL 1023+46.15 (12' RT) TO LL 1023+72.10 (12' RT)			30														
SP7-1	LR 13+14.0 (RT); LR 15+80.5 (RT)							2										1
SP7-2	LR 13+39.0 (LT); LR 160+07.5 (LT)							2										1
	SHEET TOTAL	379	9	13730	1		18	16	60									
	PROJECT TOTAL	379	9	13730	1		18	16	60									

GENERAL NOTES:

1. SEE STD. PLN. I-40.10
2. SEE STD. PLN. I-50.20, BIODEGRADABLE
3. INCLUDED IN THE PAVEMENT FOR "STRUCTURE EXCAVATION CLASS B INCL. HAUL"
4. SEE STD. PLN. I-10.10
5. SEE CONTRACT PROVISIONS SECTION 2-02.3(2)
6. EXCLUDE BRIDGE DECK: LL 900+20.90 TO LL 901+00.90

* SEE SHEETS QPM2 - QPM3 FOR ADDITIONAL QUANTITIES.

** SEE SHEET PMD2 FOR ADDITIONAL QUANTITIES.

DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGION ADM.	M. COTTEN						
		DATE	**DATE**	**REVISION**	**BY**		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER 21A012

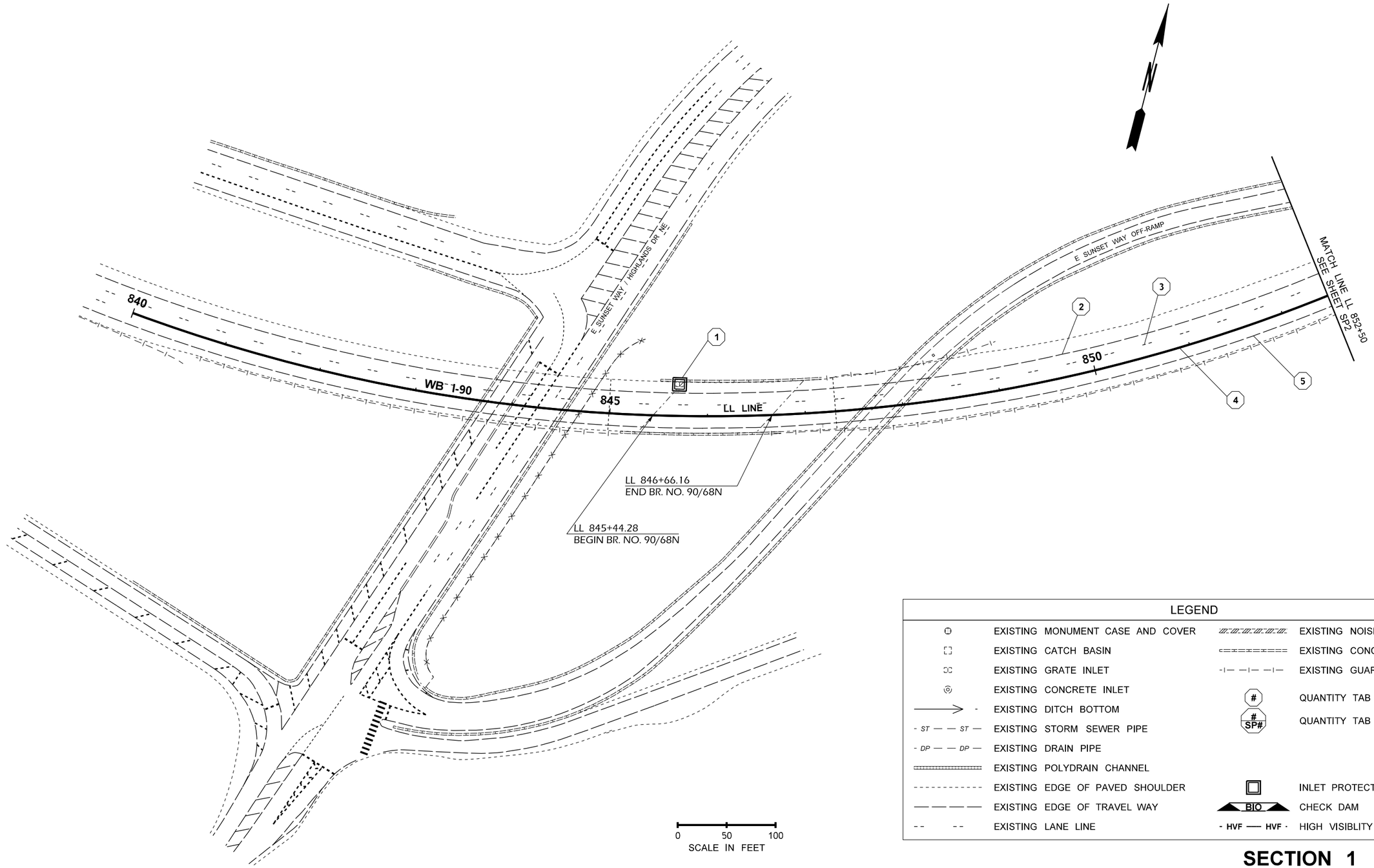
CONTRACT NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - SITE PREPARATION / TESC

QSP 1



LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
ST — — ST	EXISTING STORM SEWER PIPE		
DP — — DP	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	HVF — HVF	HIGH VISIBLITY FENCE

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:35:02 AM						
DATE	11/23/2021						
PLOTTED BY	leec						
DESIGNED BY	C. LEE				JOB NUMBER 21A012		
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

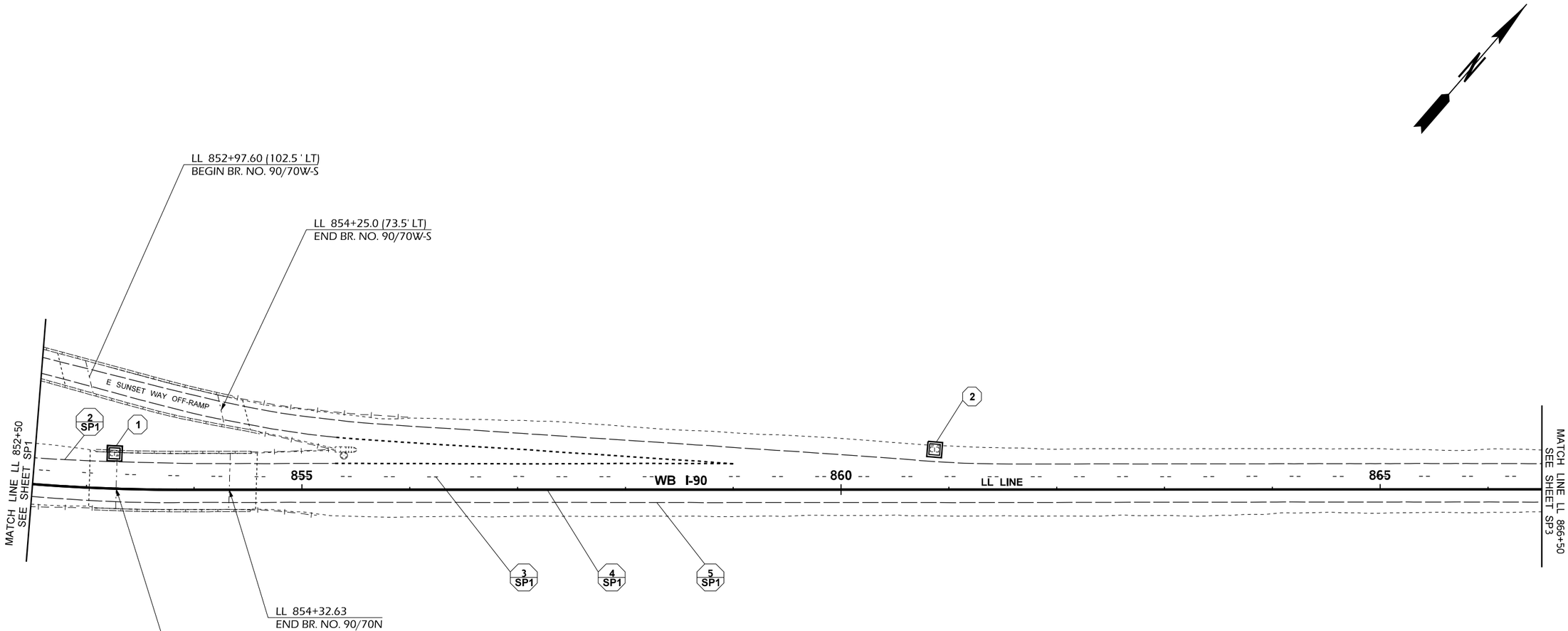
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 1
PLAN REF NO
SP1
SHEET 45 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND			
	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
ST ST	EXISTING STORM SEWER PIPE		
DP DP	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	HVF HVF	HIGH VISIBLITY FENCE

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:35:03 AM				JOB NUMBER 21A012		
DATE	11/23/2021						
PLOTTED BY	leec						
DESIGNED BY	C. LEE				CONTRACT NO.		LOCATION NO.
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

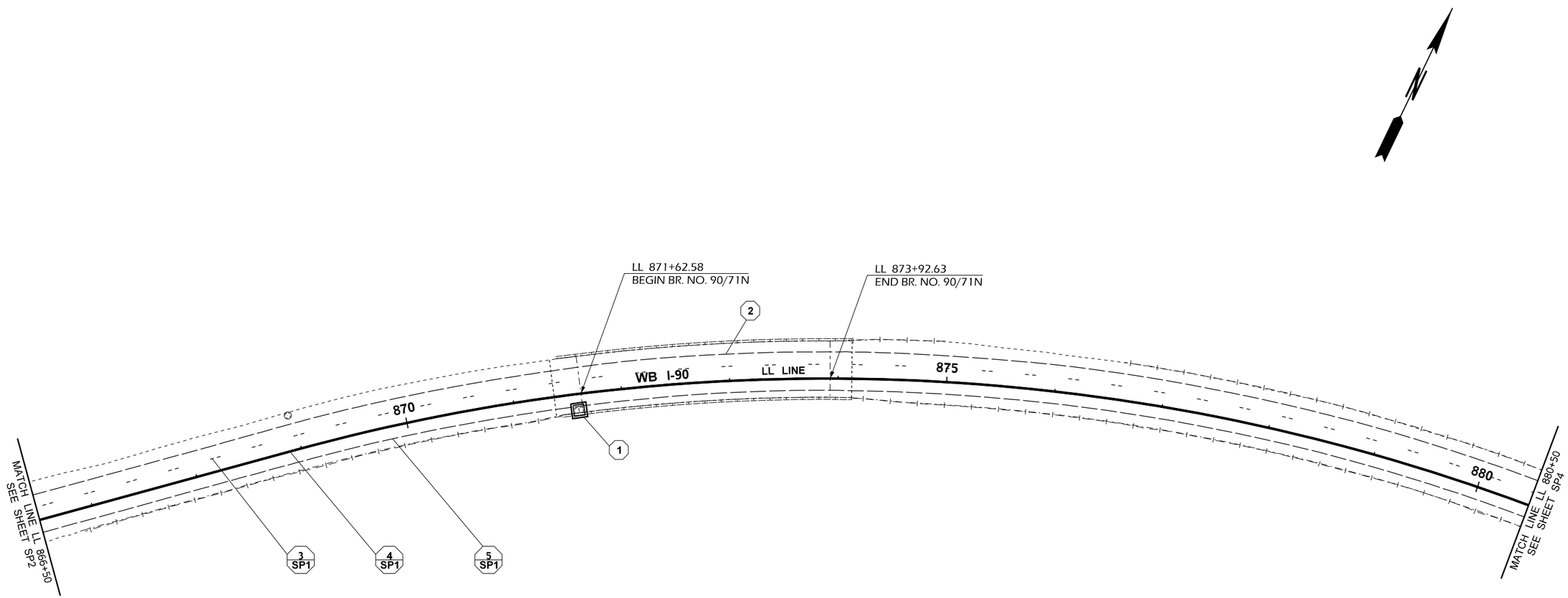
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 2
PLAN REF NO
SP2
SHEET 46 OF 240 SHEETS



LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
- ST — — ST —	EXISTING STORM SEWER PIPE		
- DP — — DP —	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	- HVF — HVF -	HIGH VISIBLITY FENCE

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:35:04 AM				JOB NUMBER 21A012		
DATE	11/23/2021						
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

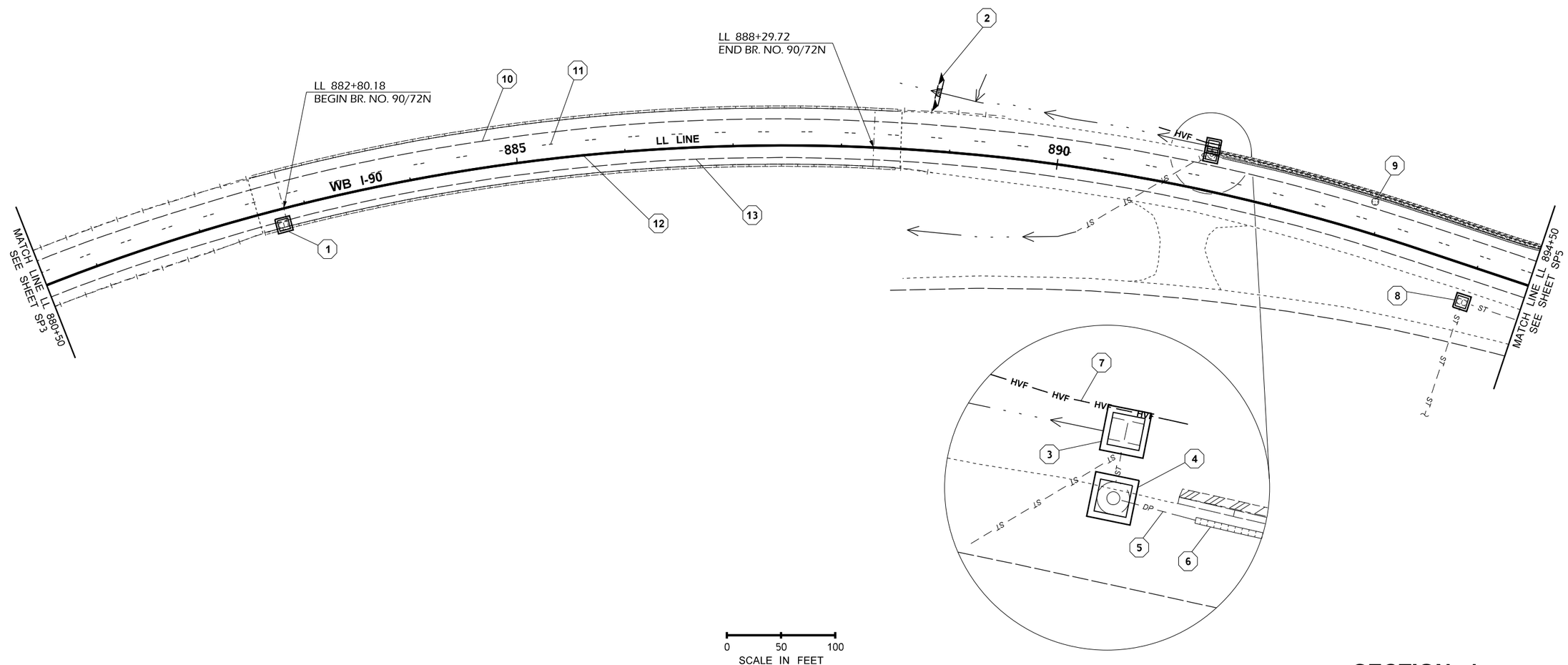
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 3
PLAN REF NO
SP3
SHEET 47 OF 240 SHEETS

LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
ST	EXISTING STORM SEWER PIPE		
DP	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	HVF	HIGH VISIBLITY FENCE



SECTION 1

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TIME	11:35:05 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/23/2021						
PLOTTED BY	leec				JOB NUMBER 21A012		
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

COLLEEN ANDERSON — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

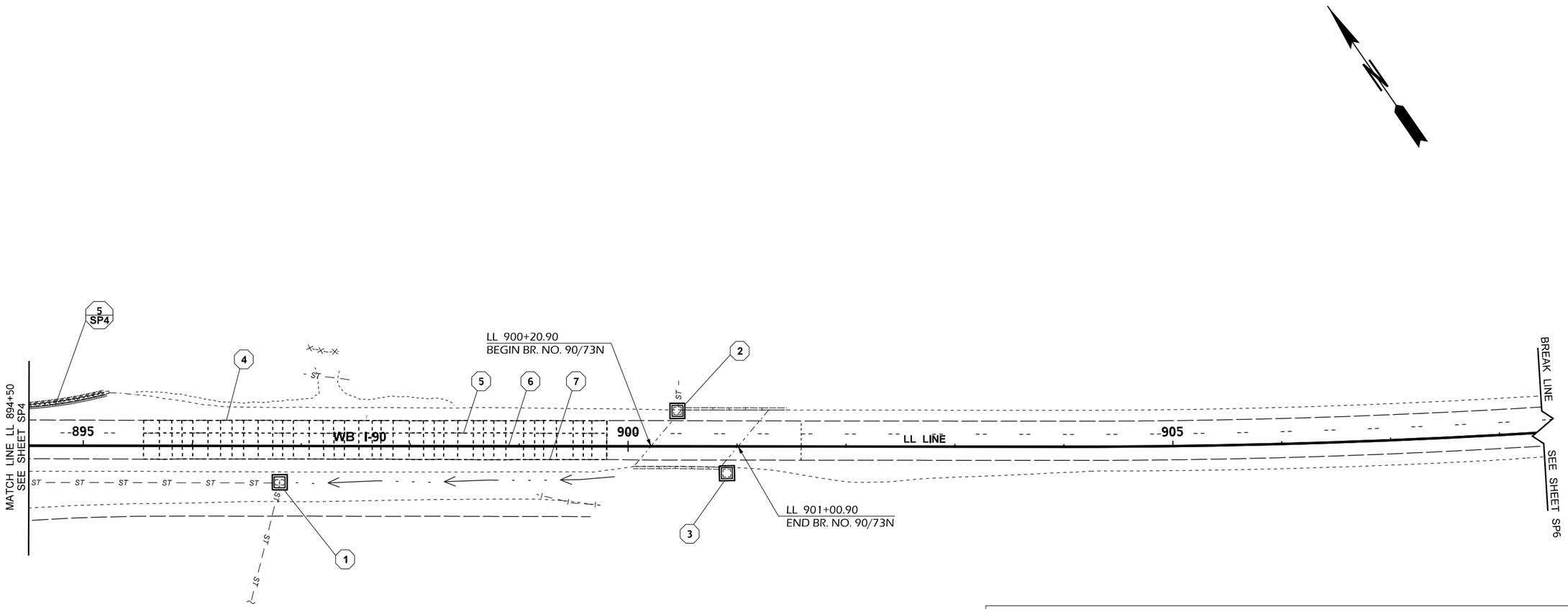
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 4

PLAN REF NO SP4

SHEET 48 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
- ST — — ST —	EXISTING STORM SEWER PIPE		
- DP — — DP —	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	- HVF — HVF -	HIGH VISIBLITY FENCE

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn					
TIME	11:35:07 AM				REGION NO. 10	STATE WASH
DATE	11/23/2021					FED.AID PROJ.NO.
PLOTTED BY	leec				JOB NUMBER 21A012	
DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

CHELLE ANDERSON — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

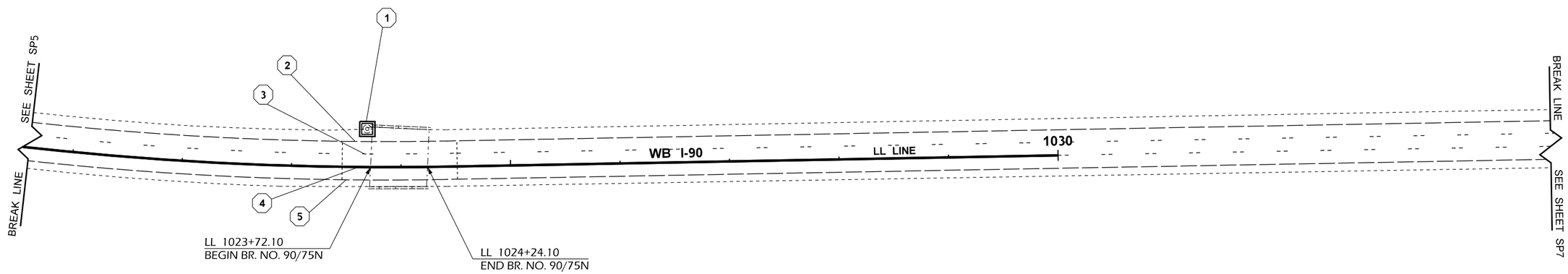
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 5
PLAN REF NO
SP5
SHEET 49 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
ST ST	EXISTING STORM SEWER PIPE		
DP DP	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	HVF HVF	HIGH VISIBLITY FENCE

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:35:08 AM				JOB NUMBER 21A012		
DATE	11/23/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

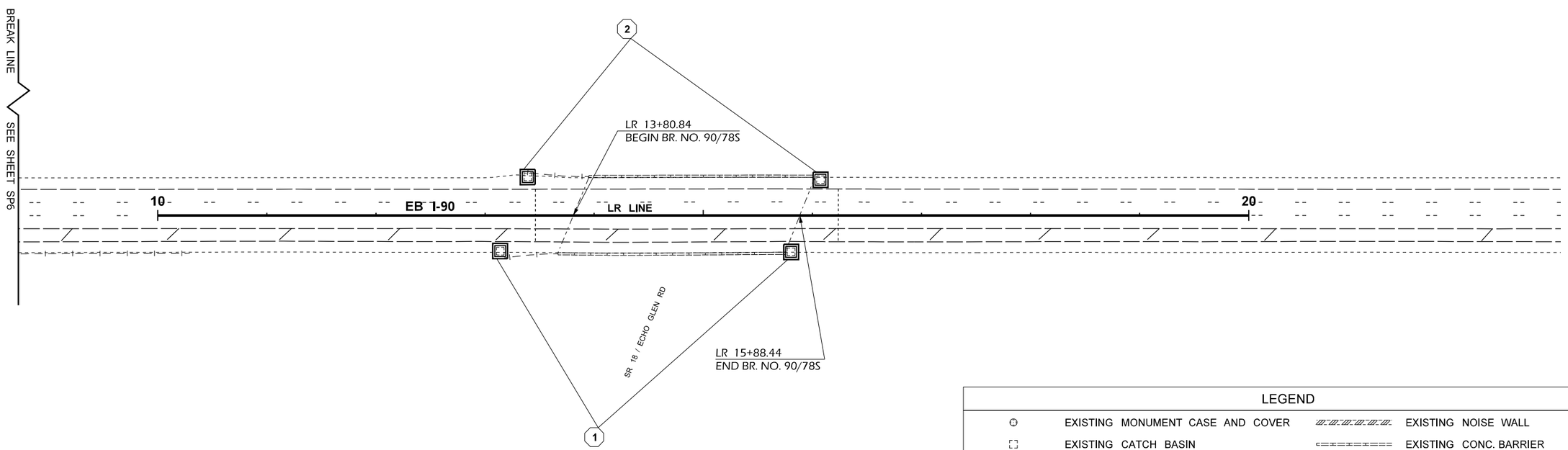
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 14
PLAN REF NO
SP6
SHEET 50 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	EXISTING MONUMENT CASE AND COVER		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET	#	QUANTITY TAB NOTE
	EXISTING DITCH BOTTOM	# SP#	QUANTITY TAB NOTE CONTINUED
- ST — — ST —	EXISTING STORM SEWER PIPE		
- DP — — DP —	EXISTING DRAIN PIPE		
	EXISTING POLYDRAIN CHANNEL		
	EXISTING EDGE OF PAVED SHOULDER		INLET PROTECTION
	EXISTING EDGE OF TRAVEL WAY	BIO	CHECK DAM
	EXISTING LANE LINE	- HVF — HVF -	HIGH VISIBLITY FENCE

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_12_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:35:09 AM				JOB NUMBER 21A012		
DATE	11/23/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

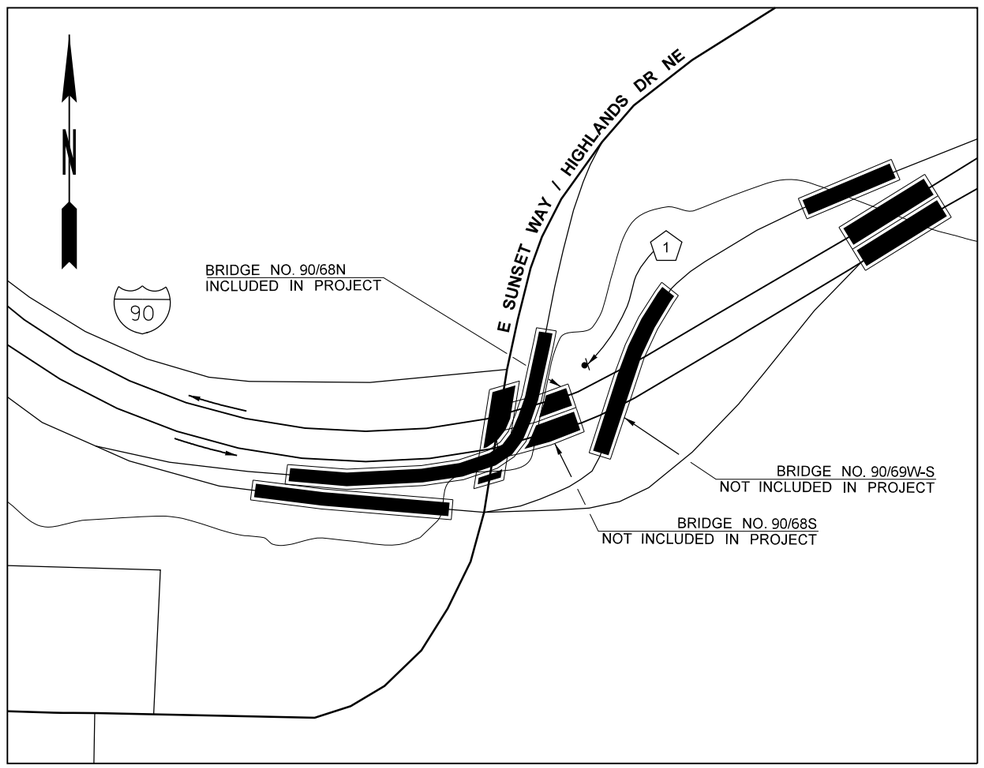
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

SITE PREPARATION / TESC

Plot 21
PLAN REF NO
SP7
SHEET 51 OF 240 SHEETS

NOTES:

1. UNLESS OTHERWISE NOTED, ALL TEXT IS BLACK ARIAL BOLD.
2. UNLESS OTHERWISE NOTED, WHITE BACKGROUND WITH 1/4" RED BORDER.
3. ALL DETAILS DRAWN 'NOT TO SCALE'.



NO TRESPASSING SIGNS
LOCATED AT STREET END

(1) WESTBOUND RIGHT SHOULDER UNDER E SUNSET WAY (1 SIGN)

1-3/4" TEXT (RED)

1" TEXT
ORANGE BACKGROUND
3/8" TEXT

3/4" TEXT

1/4" TEXT

2" SYMBOL HEIGHT
BLACK WITH BLACK TEXT

24"

NO TRESPASSING

ACTIVE CONSTRUCTION ZONE

[DATE OF NOTICE HERE]

KEEP OUT

CONSTRUCTION WILL OCCUR [location] FROM [start month/year] TO [end month/year].

PLEASE MOVE YOUR SHELTER AND YOUR PERSONAL BELONGINGS. WSDOT WILL CLEAR THIS CONSTRUCTION SITE AND REMOVE ALL PROPERTY STARTING ON [date] AND CONTINUING THROUGH [date].

ITEMS WILL BE HELD FOR A MAXIMUM OF 70 DAYS AFTER REMOVAL. IF YOU NEED TO RECOVER YOUR BELONGINGS, THEY WILL BE AVAILABLE FOR PICKUP AT [location] FROM [day and times]. CALL [phone number] IF YOU HAVE ANY QUESTIONS. WSDOT WILL DISPOSE OF ALL UNCLAIMED ITEMS.

IF YOU NEED HELP FINDING HOUSING AND OTHER SURVIVAL SERVICES, CONTACT 2-1-1 OR 1-800-621-4636.

HABRÁ CONSTRUCCIÓN EN [location] ENTRE [start month/year] Y [end month/year].

POR FAVOR, MUEVA SUS MATERIALES DE REFUGIO Y SUS PERTENENCIAS. WSDOT LIMPIARÁ ESTE SITIO Y REMOVERÁ TODOS LOS EFECTOS PERSONALES A PARTIR DE [date] HASTA [date].

UNA VEZ REMOVIDOS, SUS EFECTOS PERSONALES SERÁN GUARDADOS POR UN MÁXIMO DE 70 DÍAS. SI NECESITA RECUPERAR SUS PERTENENCIAS, PODRÁ HACERLO EN EL LUGAR SIGUIENTE (location) LOS (day) A LAS (times). LLAME AL [phone number] SI TIENE PREGUNTAS.

UNA VEZ CUMPLIDO EL PERIODO MÁXIMO, WSDOT DESECHARÁ TODOS LOS MATERIALES QUE NO SEAN RECLAMADOS.

SI NECESITA AYUDA EN BUSCAR ALOJAMIENTO U OTROS SERVICIOS RELACIONADOS, LLAME A LA LINEAS DE INFORMACIÓN COMUNITARIA 2-1-1 O 800-621-4636.

RCW 9A.52.070; RCW 9A.52.080

Washington State
Department of Transportation

3" 3" 30" 21" 3"

"NO TRESPASSING" SIGN

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_13_NT.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	4:44:40 PM						
DATE	11/16/2021						
PLOTTED BY	leec				JOB NUMBER 21A012		
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

NO TRESPASSING SIGN

Plot 1
PLAN REF NO
NT1
SHEET 52 OF 240 SHEETS

STRUCTURE NOTES

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

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

CODE	LOCATION ↓ \ UNIT OF MEASURE →	HAND PLACED RIPRAP	UNDERDRAIN PIPE 10 IN. DIAM.	DRAIN PIPE 6 IN. DIAM.	TRENCH DRAIN		STRUCTURE EXCAVATION CLASS B INCL. HAUL	GRAVEL BACKFILL FOR DRAIN		ADJUST INLET	CONNECTION TO DRAINAGE STRUCTURE	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	CONSTRUCTION GEOTEXTILE FOR PERMANENT EROSION CONTROL				SEE GENERAL NOTES
		C.Y.	L.F.	L.F.	L.F.		C.Y.	C.Y.		EACH	EACH	S.Y.	S.Y.				
	SECTION 1																
DR1-1	LL 891+38.5 (33' LT) TO LL 891+47.5 (33' T)			9			1	1		1	1	4					3
DR1-2	LL 891+47.5 (33' LT) TO LL 895+21.5 (46' LT)				379												4
DR1-3	LL 889+52.5 (LT) TO LL 895+25.0 (LT)		1188				258	258				577					1, 2
DR1-4	LL 889+22.2 (LT) TO LL 889+67.1 (LT)	5											24				
	SHEET TOTAL	5	1188	9	379		259	259		1	1	581	24				
	PROJECT TOTAL	5	1188	9	379		259	259		1	1	581	24				

GENERAL NOTES:

1. PERFORATED CORRUGATED POLYETHYLENE, IN CONFORMANCE TO STD. SPECS. SECTION 9-05.2(7); TYPE SP; HDPE.
2. INCLUDE PIPE FITTINGS AND CLEAN OUT UNITS.
3. CORRUGATED POLYETHYLENE, IN CONFORMANCE TO STD. SPECS. SECTION 9-05.1(6); TYPE S.
4. SEE SPECS. PROVISIONS SECTION 7-05.

DESIGNED BY	C. LEE					
ENTERED BY	A. OLSEN					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGION ADM.	M. COTTEN					
		DATE	DATE	REVISION	BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER
21A012

CONTRACT NO.

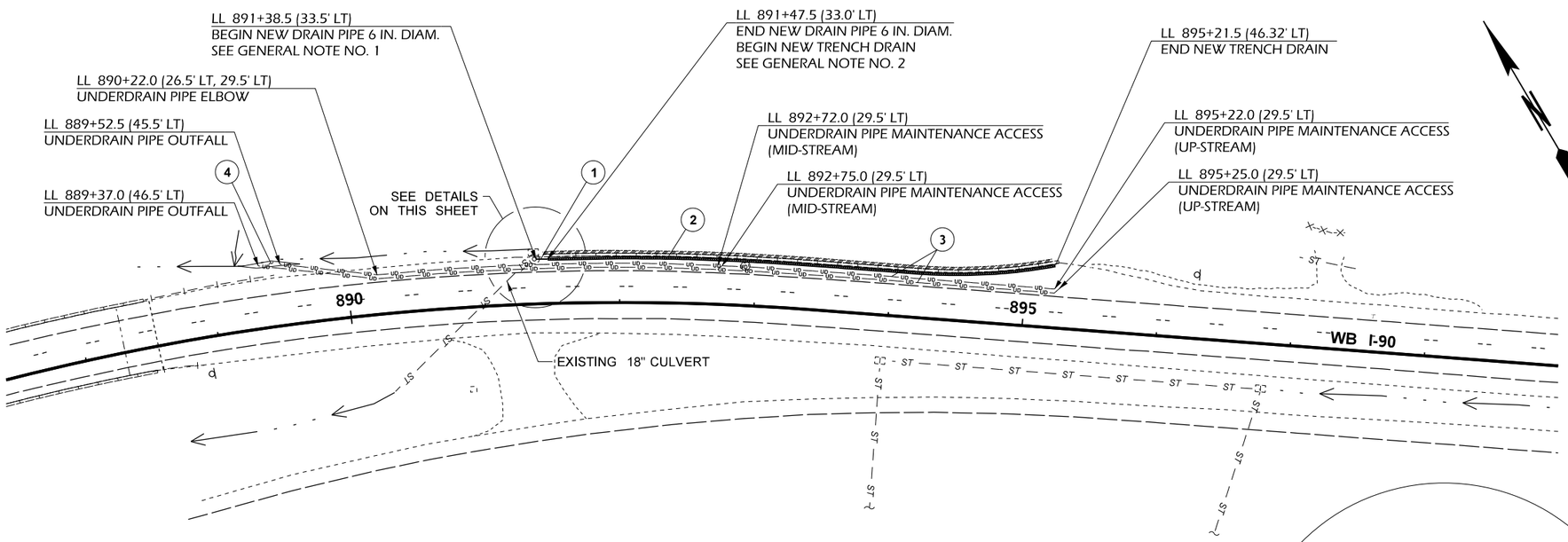
Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

STRUCTURE NOTES

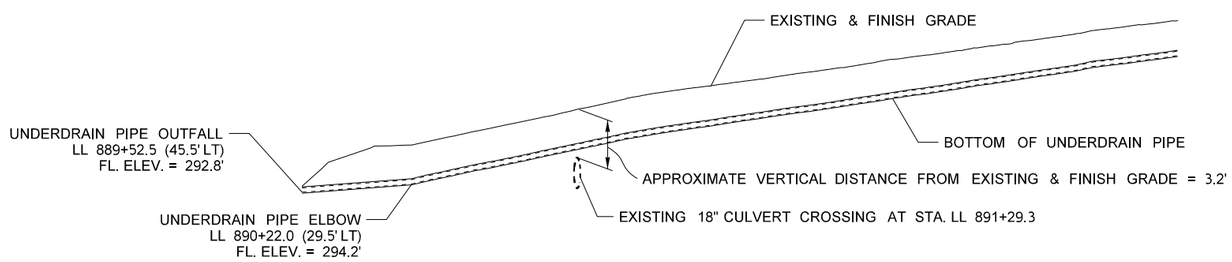
SN 1

SHEET 53 OF 240 SHEETS

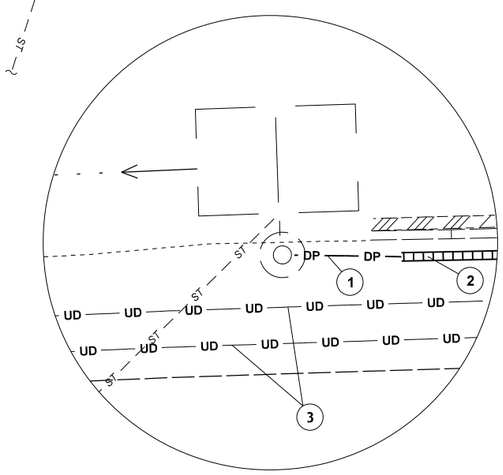


LEGEND

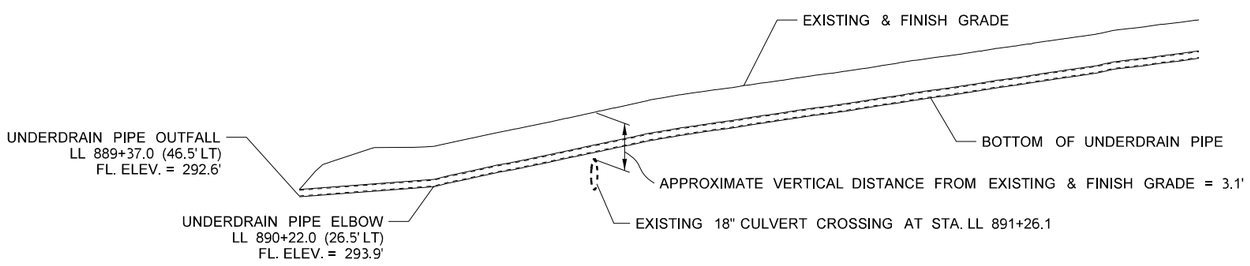
	EXISTING CATCH BASIN
	EXISTING GRATE INLET
	EXISTING CONCRETE INLET
	EXISTING DITCH BOTTOM
ST	EXISTING STORM SEWER PIPE
	EXISTING POLYDRAIN CHANNEL
	EXISTING EDGE OF PAVED SHOULDER
	EXISTING EDGE OF TRAVEL WAY
	EXISTING LANE LINE
	EXISTING NOISE WALL
	EXISTING CONC. BARRIER
	EXISTING GUARDRAIL
#	STRUCTURE NOTE
	NEW POLYDRAIN CHANNEL
DP	NEW DRAIN PIPE 6 IN. DIAM.
UD	NEW UNDERDRAIN PIPE 10 IN. DIAM.



EXISTING 18" CULVERT CROSSING AT 5.5 FEET OFFSET FROM EDGE OF TRAVEL WAY



DETAILS



EXISTING 18" CULVERT CROSSING AT 2.5 FEET OFFSET FROM EDGE OF TRAVEL WAY

GENERAL NOTES

1. CONNECTION TO EXISTING CONCRETE INLET.
2. CONNECTION TO NEW DRAIN PIPE.
3. FOR MORE INFO ON UNDERDRAIN PIPE, SEE SHEET DD1 & DD2.
4. FOR MORE INFO ON DRAIN PIPE & TRENCH DRAIN, SEE SHEET DD2.

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_16_DR.dgn						
TIME	6:10:02 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/16/2021						
PLOTTED BY	leec				JOB NUMBER 21A012		
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON				CONTRACT NO.	LOCATION NO.	
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX — SEE SHEET CT1 — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
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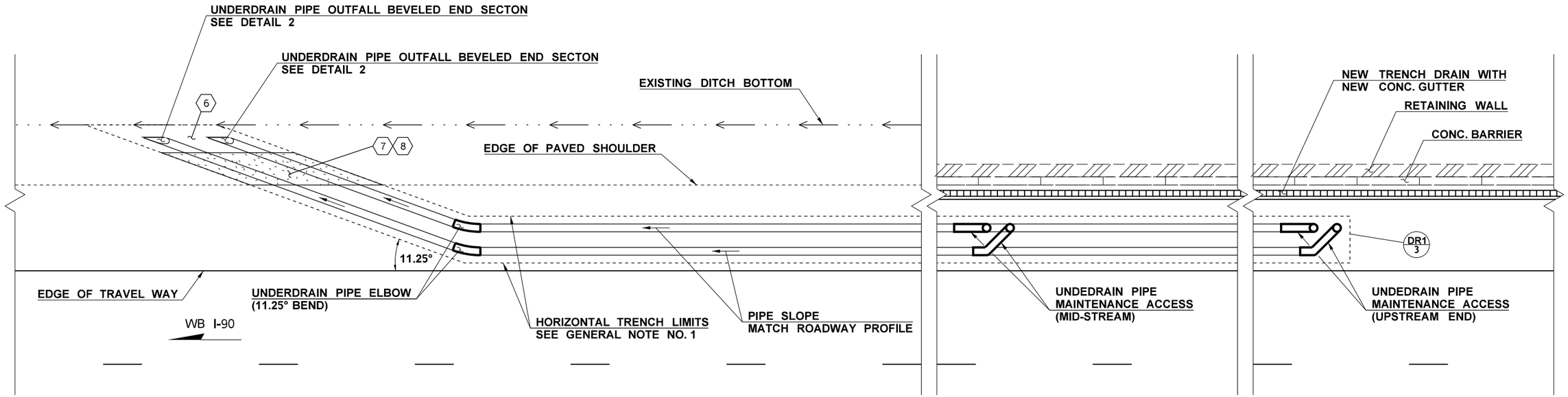
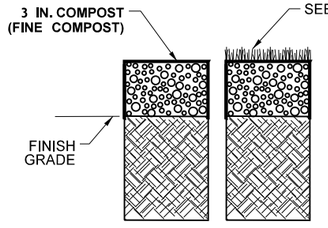
DRAINAGE

Plot 1
PLAN REF NO DR1
SHEET 54 OF 240 SHEETS



DETAIL 1 (PLAN VIEW) (N.T.S.)

UNDERDRAIN PIPE OUTFALL



SEEDING AREA PREPARATION:
SEE SPECIAL PROVISIONS

STEP 1

PLACE 3 IN. COMPOST

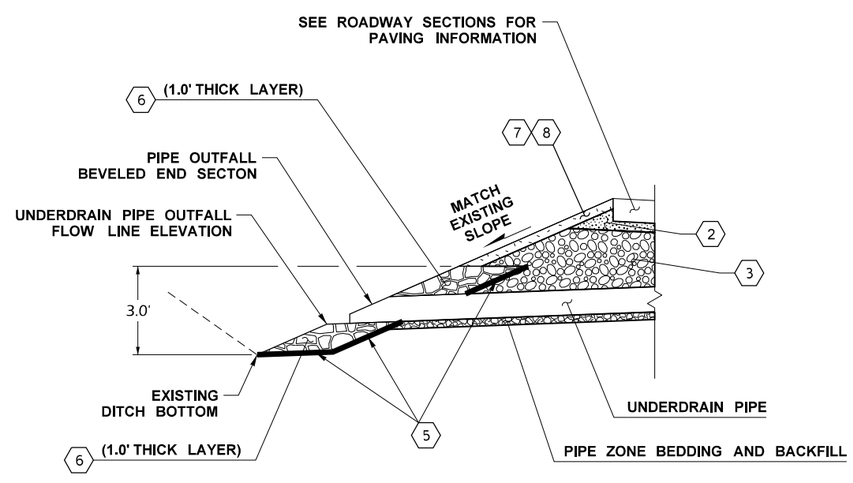
STEP 2

INSTALL SEEDING PER STANDARD SPEC 8-02.3(9)

SEEDING AREA SOIL PREPARATION - SEQUENCE OF WORK

SECTION VIEW (N.T.S.)

QUANTITY SHOWN FOR INFORMATION ONLY	
ITEM	QUANTITY
SEEDING, FERTILIZING, AND MULCHING	32 S.Y.
FINE COMPOST	32 S.Y.



DETAIL 2 (ELEVATION VIEW) (N.T.S.)

UNDERDRAIN PIPE OUTFALL

GENERAL NOTES

1. SEE SHEET DD2 - DETAIL 3.

LEGEND	
DR# / #	STRUCTURE NOTE
1	GRAVEL BACKFILL FOR DRAIN
2	CRUSHED SURFACING BASE COURSE
3	BALLAST
4	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE
5	CONSTRUCTION GEOTEXTILE FOR PERMANENT EROSION CONTROL
6	HAND PLACED RIPRAP
7	SEEDING, FERTILIZING, AND MULCHING
8	FINE COMPOST
9	STRUCTURE EXCAVATION CLASS B INCL. HAUL

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_16_DR.dgn
TIME	6:11:02 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
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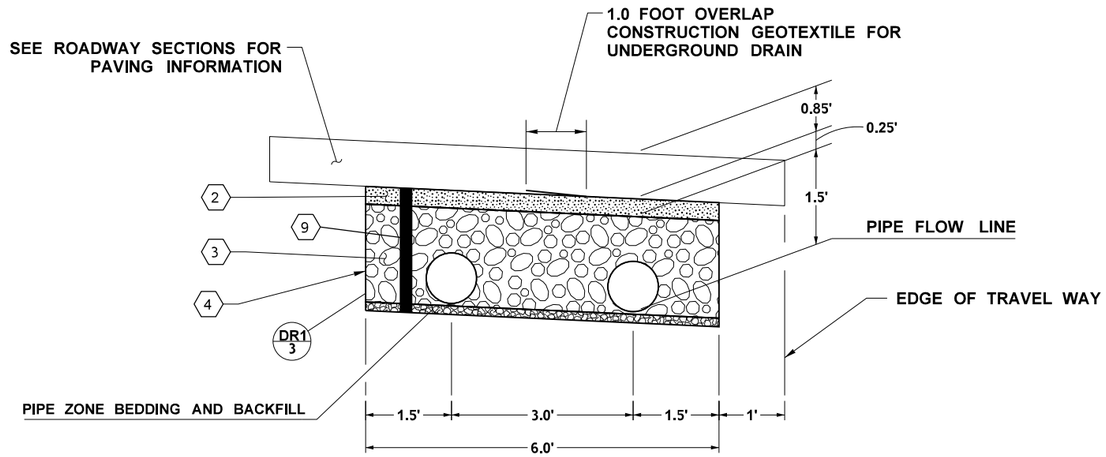
DRAINAGE DETAILS

Plot 2

PLAN REF NO DD1

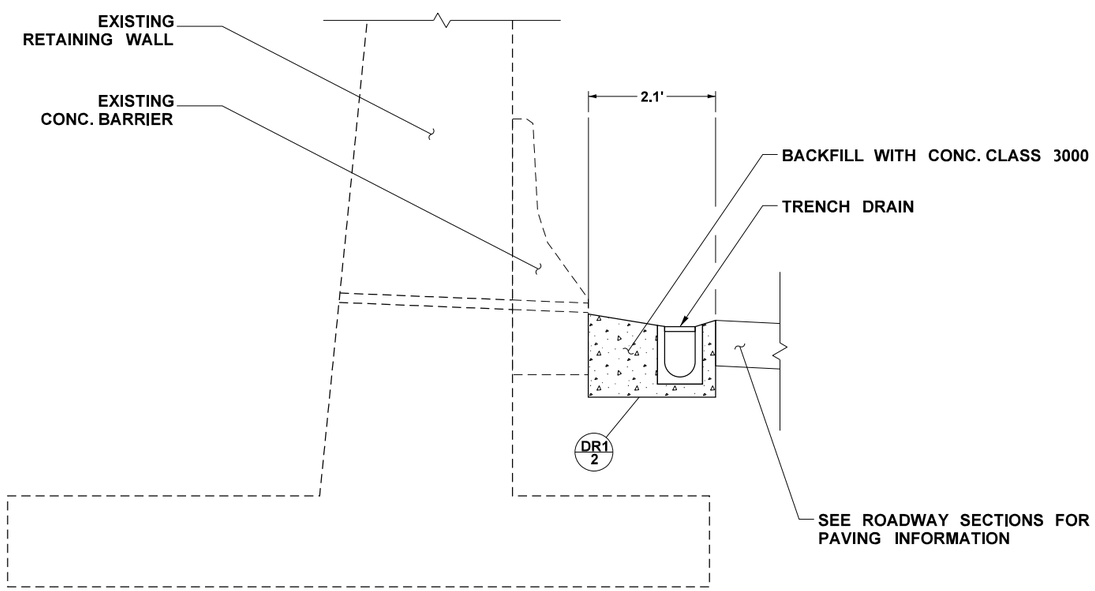
SHEET 55 OF 240 SHEETS

LEGEND	
DR# / #	STRUCTURE NOTE
1	GRAVEL BACKFILL FOR DRAIN
2	CRUSHED SURFACING BASE COURSE
3	BALLAST
4	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE
5	CONSTRUCTION GEOTEXTILE FOR PERMANENT EROSION CONTROL
6	HAND PLACED RIPRAP
7	SEEDING, FERTILIZING, AND MULCHING
8	FINE COMPOST
9	STRUCTURE EXCAVATION CLASS B INCL. HAUL



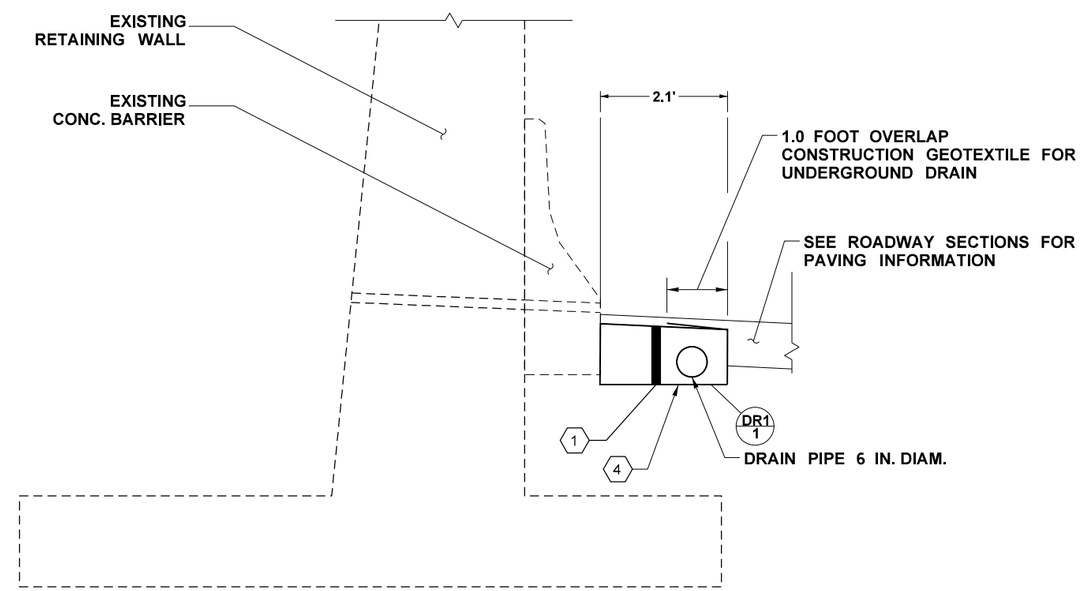
DETAIL 3 (N.T.S.)

UNDERDRAIN PIPE 10 IN. DIAM.
PIPE BEDDING



DETAIL 4 (N.T.S.)

TRENCH DRAIN & CONC. GUTTER



DETAIL 5 (N.T.S.)

DRAIN PIPE 6 IN. DIAM.
PIPE BEDDING

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_16_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	6:11:03 PM				JOB NUMBER 21A012		
DATE	11/16/2021						
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

DRAINAGE DETAILS

Plot 4
PLAN REF NO DD2
SHEET 56 OF 240 SHEETS

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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 ➢	REPLACE CEMENT CONCRETE PANEL *	CEMENT CONCRETE PAVEMENT GRINDING *	REMOVING CONCRETE PANELS	PLANING BITUMINOUS PAVEMENT **		HMA CL. 1/2 IN. PG 58H-22 **	LONGITUDINAL JOINT SEAL	HMA SAWCUT AND SEAL ***	SEALING EXISTING LONGITUDINAL AND TRANSVERSE JOINT ****	EXTRUDED CURB						SEE GENERAL NOTES
		S.Y.	S.Y.	S.Y.	S.Y.		TON	L.F.	L.F.	L.F.	L.F.						
	SECTION 1																
PV1-1	LL 844+99.10 (24' LT) TO LL 855+30.73 (24' LT)																1, 2
PV1-2	LL 844+99.10 (12' LT) TO LL 901+58.86 (12' LT)																1, 2, 3
PV1-3	LL 844+99.10 (℄) TO LL 901+58.86 (℄)																1, 2, 3
PV1-4	LL 844+99.10 (12' RT) TO LL 901+58.86 (12' RT)																1, 2, 3
PV1	LL 845+70.0 (LT); LL 847+17.0 (RT); LL 849+61.5 (LT)																2, 4
PV2-1	LL 854+46.5 (77.3' LT) TO LL 901+58.86 (24' LT)																1, 2
PV2-2	LL 854+50.9 (60.3' LT) TO LL 855+31.8 (48.6' LT)																1, 2, 3
PV2-3	LL 855+31.8 (48.6' LT) TO LL 859+00.8 (24' LT)																1, 2
PV2-4	LL 855+30.73 (24' LT) TO LL 859+00.8 (24' LT)																1, 2
PV2-5	LL 844+99.10 (LT)								20								5
PV2-6	LL 854+57.56 (LT)								4								5
PV2-7	LL 854+57.56 (LT) TO LL 871+37.64 (LT)							1683									6
PV2-8	LL 865+00.00 (LT) TO LL 871+37.64 (LT)																
PV2	LL 853+25.0 (LT); LL 860+87.0 (LT)																2, 4
PV3-1	LL 874+12.63 (LT) TO LL 882+55.48 (LT)																
PV3-2	LL 874+41.63 (RT) TO LL 882+30.48 (RT)																
PV3	LL 871+59.0 (RT)																2, 4
PV3	LL 874+12.63 TO LL 880+50.00						1090										
PV4-1	LL 888+54.82 (LT) TO LL 899+80.42 (LT)																
PV4-2	LL 891+22.0 (34.5' LT) TO LL 891+44.0 (34.5' LT)																
PV4	LL 882+76.5 (RT); LL 891+37.5 (LT); LL 893+96.5 (RT)																2, 4
PV4	LL 891+22.0 (34.5' LT) TO LL 891+44.0 (34.5' LT)										22						7
PV5-1	LL 896+00.42 (RT) TO LL 899+80.42 (RT)																
PV5	LL 896+80.0 (RT); LL 900+45.0 (LT); LL 900+90.5 (RT)																2, 4
PV5	LL 895+24.0 (48.5' LT) TO LL 895+47.5 (46.5' LT)										24						7
PV6-1	LL 1023+46.15 (24' LT) TO LL 1024+51.28 (24' LT)																1, 2
PV6-2	LL 1023+46.15 (12' LT) TO LL 1024+51.28 (12' LT)																1, 2, 3
PV6-3	LL 1023+46.15 (℄) TO LL 1024+51.28 (℄)																1, 2, 3
PV6-4	LL 1023+46.15 (12' RT) TO LL 1024+51.28 (12' RT)																1, 2, 3
PV6-5	LR 16+23.72 (24' LT) TO LR 16+38.72 (24' LT)																1, 2
PV6-6	LR 16+23.72 (12' LT) TO LR 16+38.72 (12' LT)																1, 2
PV6-7	LR 16+23.72 (℄) TO LR 16+38.72 (℄)																1, 2
PV6	LL 1023+69.0 (LT)																2, 4
PV6	LR 13+14.0 (RT); LR 13+39.0 (LT); LR 15+80.5 (RT); LR 16+07.5 (LT)																2, 4
	SHEET TOTAL						1090	1683	24		46						

GENERAL NOTES:

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION "REFERENCE EXISTING PAVEMENT MARKINGS".
2. PLASTIC LINE: FLAT; TYPE D
3. SEE STD. PLN. M-20.30; TYPE 2W; ALL RPMs SPACED AT 40-FEET INTERVAL FOR YELLOW EDGE & LANE LINES.
4. SEE SHEET PMD2 FOR ADDITONAL QUANTITIES.
5. SEE STD. PLN. A-40.20, DETAIL 3
6. SEE STD. PLN. A-40.10, PCCP TO HMA
7. TYPE 2
8. SEE STD. PLN. A-40.10 DO NOT INSTALL TIE BARS BETWEEN PANELS IF LESS THAN 4 CONSECUTIVE LONGITUDINAL PANELS ARE REPLCAED.
9. SEE STD. PLN. A-60.10 APPLICABLE WHEN REPLACING FULL OR PARTIAL PANELS ADJACENT EXISTING HMA SHOULDER.
10. SEE SHEET P6 FOR INFORMATION ON "PARTIAL SPALL DEPTH REPAIR"
11. SEE STD. PLN. A-40.20, DETAIL 7

* SEE SHEET P7-P20 & RS6 (ROADWAY SECITON B) FOR ADDITIONAL QUANTITIES.

** SEE SHEET P7 & RS6 (ROAWAY SECTION A) FOR ADDITIONAL QUANTITIES.

*** SEE SHEET BR1, BR3, & BR4 FOR ADDITIONAL QUANTITIES.

**** SEE SHEET BR3 & BR4 FOR ADDITIONAL QUANTITIES.

***** SEE SHEET PMD2 FOR ADDITIONAL QUANTITIES.

DESIGNED BY	C. LEE				
ENTERED BY	A. OLSEN				
CHECKED BY	C. ANDERSON				
PROJ. ENGR.	C. WINNINGHAM				
REGION ADM.	M. COTTEN				
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER 21A012

CONTRACT NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 1

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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

CODE	LOCATION ↓ \ UNIT OF MEASURE →	PLASTIC LINE	PLASTIC WIDE LANE LINE	PLASTIC DRAINAGE MARKING *****	SHOULDER RUMBLE STRIP TYPE 1	RECESSED PAVEMENT MARKER	TEMPORARY PAVEMENT MARKING - SHORT DURATION										SEE GENERAL NOTES
		L.F.	L.F.	EACH	MI.	HUND	L.F.										
	SECTION 1																
PV1-1	LL 844+99.10 (24' LT) TO LL 855+30.73 (24' LT)	1020					1020										1, 2
PV1-2	LL 844+99.10 (12' LT) TO LL 901+58.86 (12' LT)	5670				1.36	11340										1, 2, 3
PV1-3	LL 844+99.10 (℄) TO LL 901+58.86 (℄)	5660				1.36	11320										1, 2, 3
PV1-4	LL 844+99.10 (12' RT) TO LL 901+58.86 (12' RT)	5660				1.36	5660										1, 2, 3
PV1	LL 845+70.0 (LT); LL 847+17.0 (RT); LL 849+61.5 (LT)			3													2, 4
PV2-1	LL 854+46.5 (77.3' LT) TO LL 901+58.86 (24' LT)	4750					4750										1, 2
PV2-2	LL 854+50.9 (60.3' LT) TO LL 855+31.8 (48.6' LT)	90				0.03	90										1, 2, 3
PV2-3	LL 855+31.8 (48.6' LT) TO LL 859+00.8 (24' LT)		370				370										1, 2
PV2-4	LL 855+30.73 (24' LT) TO LL 859+00.8 (24' LT)		370				370										1, 2
PV2-5	LL 844+99.10 (LT)																5
PV2-6	LL 854+57.56 (LT)																5
PV2-7	LL 854+57.56 (LT) TO LL 871+37.64 (LT)																6
PV2-8	LL 865+00.00 (LT) TO LL 871+37.64 (LT)				0.13												
PV2	LL 853+25.0 (LT); LL 860+87.0 (LT)			2													2, 4
PV3-1	LL 874+12.63 (LT) TO LL 882+55.48 (LT)				0.16												
PV3-2	LL 874+41.63 (RT) TO LL 882+30.48 (RT)				0.15												
PV3	LL 871+59.0 (RT)			1													2, 4
PV3	LL 874+12.63 TO LL 880+50.00																
PV4-1	LL 888+54.82 (LT) TO LL 899+80.42 (LT)				0.22												
PV4-2	LL 891+22.0 (34.5' LT) TO LL 891+44.0 (34.5' LT)																
PV4	LL 882+76.5 (RT); LL 891+37.5 (LT); LL 893+96.5 (RT)			3													2, 4
PV4	LL 891+22.0 (34.5' LT) TO LL 891+44.0 (34.5' LT)																7
PV5-1	LL 896+00.42 (RT) TO LL 899+80.42 (RT)				0.08												
PV5	LL 896+80.0 (RT); LL 900+45.0 (LT); LL 900+90.5 (RT)			3													2, 4
PV5	LL 895+24.0 (48.5' LT) TO LL 895+47.5 (46.5' LT)																7
PV6-1	LL 1023+46.15 (24' LT) TO LL 1024+51.28 (24' LT)	110					110										1, 2
PV6-2	LL 1023+46.15 (12' LT) TO LL 1024+51.28 (12' LT)	110				0.03	220										1, 2, 3
PV6-3	LL 1023+46.15 (℄) TO LL 1024+51.28 (℄)	110				0.03	220										1, 2, 3
PV6-4	LL 1023+46.15 (12' RT) TO LL 1024+51.28 (12' RT)	110				0.03	110										1, 2, 3
PV6-5	LR 16+23.72 (24' LT) TO LR 16+38.72 (24' LT)	20															1, 2
PV6-6	LR 16+23.72 (12' LT) TO LR 16+38.72 (12' LT)	20															1, 2
PV6-7	LR 16+23.72 (℄) TO LR 16+38.72 (℄)	20															1, 2
PV6	LL 1023+69.0 (LT)			1													2, 4
PV6	LR 13+14.0 (RT); LR 13+39.0 (LT); LR 15+80.5 (RT); LR 16+07.5 (LT)			4													2, 4
	SHEET TOTAL	23350	740	17	0.74	4.2	35580										

GENERAL NOTES:

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION "REFERENCE EXISTING PAVEMENT MARKINGS".
2. PLASTIC LINE: FLAT; TYPE D
3. SEE STD. PLN. M-20.30; TYPE 2W; ALL RPMs SPACED AT 40-FEET INTERVAL FOR YELLOW EDGE & LANE LINES.
4. SEE SHEET PMD2 FOR ADDITONAL QUANTITIES.
5. SEE STD. PLN. A-40.20, DETAIL 3
6. SEE STD. PLN. A-40.10, PCCP TO HMA
7. TYPE 2
8. SEE STD. PLN. A-40.10 DO NOT INSTALL TIE BARS BETWEEN PANELS IF LESS THAN 4 CONSECUTIVE LONGITUDINAL PANELS ARE REPLCAED.
9. SEE STD. PLN. A-60.10 APPLICABLE WHEN REPLACING FULL OR PARTIAL PANELS ADJACENT EXISTING HMA SHOULDER.
10. SEE SHEET P6 FOR INFORMATION ON "PARTIAL SPALL DEPTH REPAIR"
11. SEE STD. PLN. A-40.20, DETAIL 7

* SEE SHEET P7-P20 & RS6 (ROADWAY SECITON B) FOR ADDITIONAL QUANTITIES.

** SEE SHEET P7 & RS6 (ROAWAY SECTION A) FOR ADDITIONAL QUANTITIES.

*** SEE SHEET BR1, BR3, & BR4 FOR ADDITIONAL QUANTITIES.

**** SEE SHEET BR3 & BR4 FOR ADDITIONAL QUANTITIES.

***** SEE SHEET PMD2 FOR ADDITIONAL QUANTITIES.

DESIGNED BY	C. LEE					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	A. OLSEN					10	WASH	
CHECKED BY	C. ANDERSON					JOB NUMBER		
PROJ. ENGR.	C. WINNINGHAM					21A012		
REGION ADM.	M. COTTEN					CONTRACT NO.		
		DATE	DATE	REVISION	BY			

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 2

SHEET 58 OF 240 SHEETS

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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 →	REPLACE CEMENT CONCRETE PANEL *	CEMENT CONCRETE PAVEMENT GRINDING *	REMOVING CONCRETE PANELS	PLANING BITUMINOUS PAVEMENT **		HMA CL. 1/2 IN. PG 58H-22 **	LONGITUDINAL JOINT SEAL	HMA SAWCUT AND SEAL ***	SEALING EXISTING LONGITUDINAL AND TRANSVERSE JOINT ****	EXTRUDED CURB						SEE GENERAL NOTES
		S.Y.	S.Y.	S.Y.	S.Y.		TON	L.F.	L.F.	L.F.	L.F.						
P1-P5		1470.5	9297	2802	2090												8, 9, 10
P5-1	LR 16+23.72 (℄) TO LR 16+23.72 (24' LT)									24							8, 9, 11
	SHEET TOTAL	1470.5	9297	2802	2090					24							
	PROJECT TOTAL	1470.5	9297	2802	2090		1090	1683	24	24	46						

GENERAL NOTES:

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION "REFERENCE EXISTING PAVEMENT MARKINGS".
2. PLASTIC LINE: FLAT; TYPE D
3. SEE STD. PLN. M-20.30; TYPE 2W; ALL RPMs SPACED AT 40-FEET INTERVAL FOR YELLOW EDGE & LANE LINES.
4. SEE SHEET PMD2 FOR ADDITONAL QUANTITIES.
5. SEE STD. PLN. A-40.20, DETAIL 3
6. SEE STD. PLN. A-40.10, PCCP TO HMA
7. TYPE 2
8. SEE STD. PLN. A-40.10 DO NOT INSTALL TIE BARS BETWEEN PANELS IF LESS THAN 4 CONSECUTIVE LONGITUDINAL PANELS ARE REPLCAED.
9. SEE STD. PLN. A-60.10 APPLICABLE WHEN REPLACING FULL OR PARTIAL PANELS ADJACENT EXISTING HMA SHOULDER.
10. SEE SHEET P6 FOR INFORMATION ON "PARTIAL SPALL DEPTH REPAIR"
11. SEE STD. PLN. A-40.20, DETAIL 7

* SEE SHEET P7-P20 & RS6 (ROADWAY SECITON B) FOR ADDITIONAL QUANTITIES.

** SEE SHEET P7 & RS6 (ROAWAY SECTION A) FOR ADDITIONAL QUANTITIES.

*** SEE SHEET BR1, BR3, & BR4 FOR ADDITIONAL QUANTITIES.

**** SEE SHEET BR3 & BR4 FOR ADDITIONAL QUANTITIES.

***** SEE SHEET PMD2 FOR ADDITIONAL QUANTITIES.

DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGION ADM.	M. COTTEN						
		DATE	DATE	REVISION		BY	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER 21A012

CONTRACT NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 3

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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 ➢	PLASTIC LINE	PLASTIC WIDE LANE LINE	PLASTIC DRAINAGE MARKING *****	SHOULDER RUMBLE STRIP TYPE 1	RECESSED PAVEMENT MARKER	TEMPORARY PAVEMENT MARKING - SHORT DURATION										SEE GENERAL NOTES
		L.F.	L.F.	EACH	MI.	HUND	L.F.										
P1-P5																	8, 9, 10
P5-1	LR 16+23.72 (℄) TO LR 16+23.72 (24' LT)																8, 9, 11
	SHEET TOTAL																
	PROJECT TOTAL	23350	740	17	0.74	4.2	35580										

GENERAL NOTES:

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION "REFERENCE EXISTING PAVEMENT MARKINGS".
2. PLASTIC LINE: FLAT; TYPE D
3. SEE STD. PLN. M-20.30; TYPE 2W; ALL RPMs SPACED AT 40-FEET INTERVAL FOR YELLOW EDGE & LANE LINES.
4. SEE SHEET PMD2 FOR ADDITONAL QUANTITIES.
5. SEE STD. PLN. A-40.20, DETAIL 3
6. SEE STD. PLN. A-40.10, PCCP TO HMA
7. TYPE 2
8. SEE STD. PLN. A-40.10 DO NOT INSTALL TIE BARS BETWEEN PANELS IF LESS THAN 4 CONSECUTIVE LONGITUDINAL PANELS ARE REPLCAED.
9. SEE STD. PLN. A-60.10 APPLICABLE WHEN REPLACING FULL OR PARTIAL PANELS ADJACENT EXISTING HMA SHOULDER.
10. SEE SHEET P6 FOR INFORMATION ON "PARTIAL SPALL DEPTH REPAIR"
11. SEE STD. PLN. A-40.20, DETAIL 7

* SEE SHEET P7-P20 & RS6 (ROADWAY SECITON B) FOR ADDITIONAL QUANTITIES.

** SEE SHEET P7 & RS6 (ROAWAY SECTION A) FOR ADDITIONAL QUANTITIES.

*** SEE SHEET BR1, BR3, & BR4 FOR ADDITIONAL QUANTITIES.

**** SEE SHEET BR3 & BR4 FOR ADDITIONAL QUANTITIES.

***** SEE SHEET PMD2 FOR ADDITIONAL QUANTITIES.

DESIGNED BY	C. LEE						
ENTERED BY	A. OLSEN						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGION ADM.	M. COTTEN						
		DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER 21A012

CONTRACT NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 4

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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 ➢	REMOVING PLASTIC LINE *	REMOVING PLASTIC TRAFFIC MARKING **	REMOVING RAISED PAVEMENT MARKER ***		PROFILED PLASTIC LINE	PROFILED PLASTIC WIDE LANE LINE	PLASTIC TRAFFIC ARROW	RAISED PAVEMENT MARKER TYPE 2		TEMPORARY PAVEMENT MARKING - LONG DURATION ****		PLASTIC HOV LANE SYMBOL	PLASTIC CROSSHATCH MARKING			SEE GENERAL NOTES
		L.F.	EACH	HUND		L.F.	L.F.	EACH	HUND		L.F.		EACH	L.F.			
	SECTION 2																
P7-1	LRC 316+79 (12' LT) - 350+49 (27' LT)	3380		2.7		3380			0.9		3380						1
P7-2	LRC 316+71 (CL) - 430+00 (CL)	11330					11330				11330						2
P7-3	LRC 316+64 (12' RT) - 492+34 (12.7' RT)	17570		13.2		17570			4.4		17570						3
P7-4	LRC 316+56 (24' RT) - 451+86 (24' RT)	13520		10.2		13520			3.4		13520						3
P7-5	LRC 316+49 (36' RT) - 328+45 (36' RT)	1190		3			1190		1		1190						4
P7-6	LRC 316+41 (48' RT) - 336+93 (61' RT)	2050				2050					2050						5
P7-7	LRC 324+21 (6' LT)		1										1				7
P8-1	LRC 328+45 (36' RT) - 336+94 (48.5' RT)	850					850				850						2
P8-2	LRC 335+09 (6' LT)		1										1				7
P8-3	LRC 336-94 (36' RT) - 346+29 (36' RT)	940		1.5			940		0.5		940			20			6
P9-1	LRC 345+01 (6' LT)		1										1				7
P9-2	LRC 346+29 (36' RT) - 385+18 (36' RT)	3890				3890					3890						5
P9-3	LRC 350+49 (12' LT) - 355+54 (12' LT)	510		0.9			510		0.3		510						6
P10-1	LRC 355+19 (5' LT)		1										1				7
P10-2	LRC 355+54 (12' LT) - 491+14 (11.3' LT)	13570		10.2		13570			3.4		13570						1
P10-3	LRC 364+59 (6' LT)		1										1				7
P11-1	LRC 374+69 (6' LT)		1										1				7
P12-1	LRC 384+32 (6' LT)		1										1				7
P12-2	LRC 385+18 (36' RT) - 389+66 (36' RT)	440		0.9			440		0.3		440						6
P12-3	LRC 389+66 (36' RT) - 413+80 (36' RT)	2420		1.8		2420			0.6		2420						3
P12-4	LRC 389+66 (48' RT) - 413+79 (63' RT)	2430				2430					2430						5
P12-5	LRC 394+82 (6' LT)		1										1				7
P13-1	LRC 404+85 (6' LT)		1										1				7
P14-1	LRC 413+80 (36' RT) - 424+67 (36' RT)	1100		3			1100		1		1100						4
P14-2	LRC 413+80 (48' RT) - 417+33 (48' RT)	360		0.6			360		0.2		360						6
P14-3	LRC 414+81 (6' LT)		1										1				7
P14-4	LRC 417+33 (48' RT) - 427+59 (49' RT)	1040				1040					1040						5
P15-1	LRC 424+67 (36' RT) - 427+59 (36' RT)	300					300				300						2
P15-2	LRC 427+59 (36' RT) - 433+68 (36' RT)	610		1.2			610		0.4		610						6
P15-3	LRC 430+00 (CL) - 491+30 (CL)	6130		4.8		6130			1.6		6130						3
P15-4	LRC 433+68 (36' RT) - 452+16 (36' RT)	1840				1840					1840						5
	SHEET TOTAL	85470	10	54		67840	17630		18		85470		10	20			

GENERAL NOTES:

NOTES

* FOR ADDITIONAL QUANTITES, SEE SHEET QSP1.

** FOR ADDITIONAL QUANTITIES, SEE SHEET PMD2.

*** PROVIDED FOR INFORMATIONAL PURPOSES ONLY. SEE SPECIAL PROVISION 'REMOVAL OF STRUCTURES AND OBSTRUCTIONS'.

**** FOR ADDITIONAL QUANTITIES, SEE SHEETS QTW1 AND QTE1.

INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION 'REFERENCING EXISTING PAVEMENT MARKINGS'.

ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D.

GENERAL NOTES

1. YELLOW EDGE LINE SUPPLEMENTED WITH RAISED PAVEMENT MARKERS (RPM) AT 40' SPACING.

2. WIDE LANE LINE.

3. LANE LINE SUPPLEMENTED WITH RAISED PAVEMENT MARKERS (RPM) AT 40' SPACING.

4. WIDE DOTTED LANE LINE SUPPLEMENTED WITH TYPE 2 RAISED PAVEMENT MARKERS (RPM).

5. WHITE EDGE LINE.

6. GORE AREA SUPPLEMENTED WITH TYPE 2 RAISED PAVEMENT MARKERS.

7. HOV LANE SYMBOL.

8. TRAFFIC ARROW TYPE 6L.

DESIGNED BY	B. KOSA				
ENTERED BY	B. KOSA				
CHECKED BY	L. CLAYWELL				
PROJ. ENGR.	A. EMERSON				
REGION ADM.	M. COTTON				
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER 21A012

CONTRACT NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 5

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

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 ➢	REMOVING PLASTIC LINE *	REMOVING PLASTIC TRAFFIC MARKING **	REMOVING RAISED PAVEMENT MARKER ***		PROFILED PLASTIC LINE	PROFILED PLASTIC WIDE LANE LINE	PLASTIC TRAFFIC ARROW	RAISED PAVEMENT MARKER TYPE 2		TEMPORARY PAVEMENT MARKING - LONG DURATION ****		PLASTIC HOV LANE SYMBOL	PLASTIC CROSSHATCH MARKING			SEE GENERAL NOTES
		L.F.	EACH	HUND		L.F.	L.F.	EACH	HUND		L.F.		EACH	L.F.			
P17-1	LRC 451+86 (24' RT) - 427+00 (24' RT)	2030		5.1			2030		1.7		2030						4
P17-2	LRC 452+16 (36' RT) - 458+62 (36' RT)	660		1.2			660		0.4		660						6
P17-3	LRC 458+62 (36' RT) - 463+41 (36' RT)	490					490				490						2
P18-1	LRC 463+41 (36' RT) - 466+27 (36' RT)	300		0.3		300			0.1		300						3
P18-2	LRC 463+41 (48' RT) - 474+09 (39' RT)	1080				1080					1080						5
P18-3	LRC 464+38 (42' RT)		1					1									8
P18-4	LRC 465+36 (42' RT)		1					1									8
P19-1	LRC 472+00 (24' RT) - 474+09 (24' RT)	210					210				210						2
P19-2	474+09 (24' RT) - 479+46 (24' RT)	540		0.9			540		0.3		540			30			6
P19-3	479+46 (24' RT) - 492+94 (24.7' RT)	1340				1340					1340						5
	SHEET TOTAL	6650	2	7.5		2720	3930	2	2.5		6650			30			
	PROJECT TOTAL	92120	12	61.5		70560	21560	2	20.5		92120		10	50			

GENERAL NOTES:

NOTES

* FOR ADDITIONAL QUANTITES, SEE SHEET QSP1.

** FOR ADDITIONAL QUANTITIES, SEE SHEET PMD2.

*** PROVIDED FOR INFORMATIONAL PURPOSES ONLY. SEE SPECIAL PROVISION 'REMOVAL OF STRUCTURES AND OBSTRUCTIONS'.

**** FOR ADDITIONAL QUANTITIES, SEE SHEETS QTW1 AND QTE1.

INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS. SEE SPECIAL PROVISION 'REFERENCING EXISTING PAVEMENT MARKINGS'.

ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D.

GENERAL NOTES

1. YELLOW EDGE LINE SUPPLEMENTED WITH RAISED PAVEMENT MARKERS (RPM) AT 40' SPACING.

2. WIDE LANE LINE.

3. LANE LINE SUPPLEMENTED WITH RAISED PAVEMENT MARKERS (RPM) AT 40' SPACING.

4. WIDE DOTTED LANE LINE SUPPLEMENTED WITH TYPE 2 RAISED PAVEMENT MARKERS (RPM).

5. WHITE EDGE LINE.

6. GORE AREA SUPPLEMENTED WITH TYPE 2 RAISED PAVEMENT MARKERS.

7. HOV LANE SYMBOL.

8. TRAFFIC ARROW TYPE 6L.

DESIGNED BY	B. KOSA					REGION NO.	STATE
ENTERED BY	B. KOSA					10	WASH
CHECKED BY	L. CLAYWELL					JOB NUMBER	
PROJ. ENGR.	A. EMERSON					21A012	
REGION ADM.	M. COTTON					CONTRACT NO.	
		DATE	DATE	REVISION	BY		

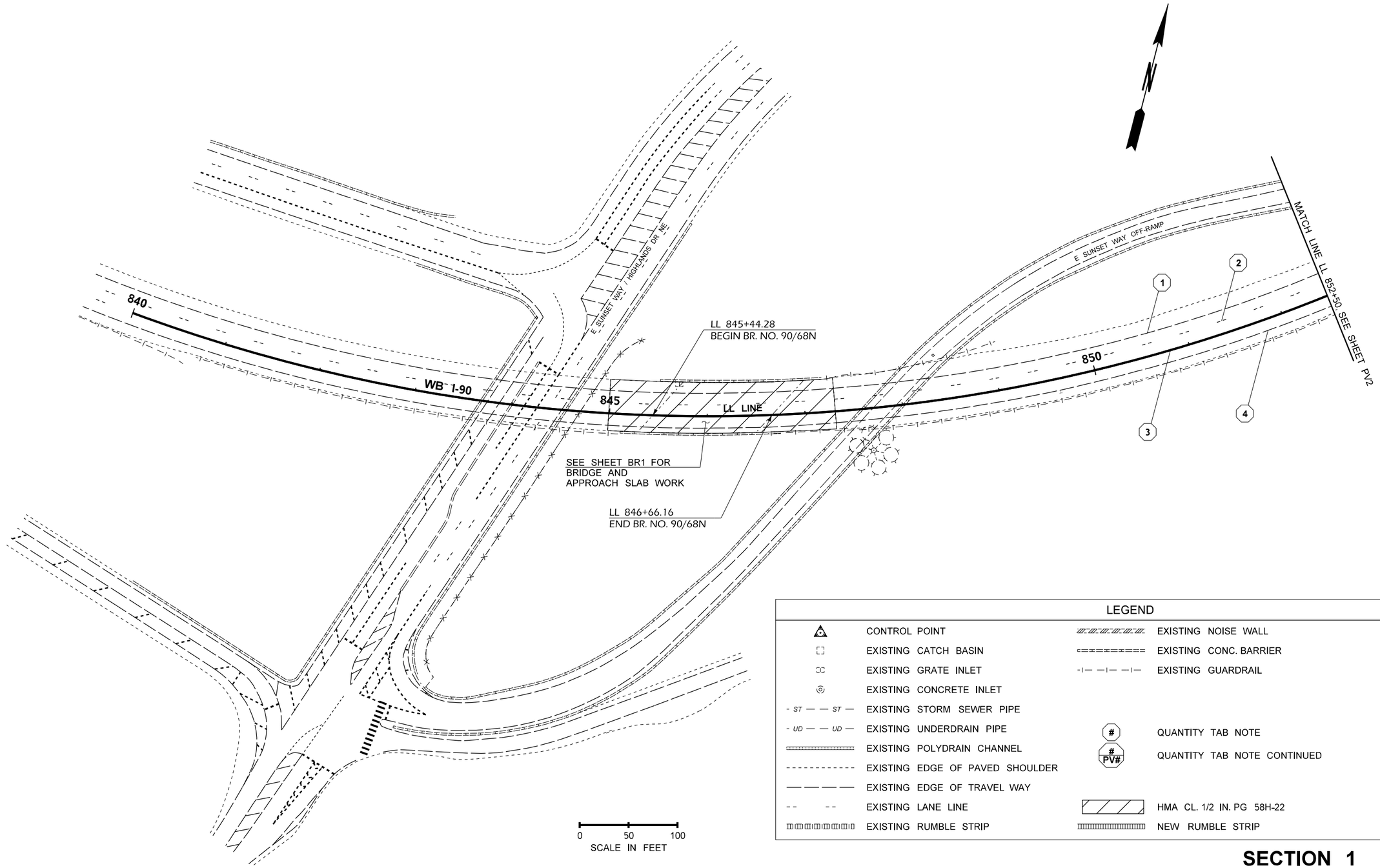
FED. AID PROJ. NO.

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

QUANTITY TABULATION - PAVING / PAVEMENT MARKING

QPM 6



LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
ST — — ST	EXISTING STORM SEWER PIPE		
UD — — UD	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
	EXISTING EDGE OF PAVED SHOULDER		
	EXISTING EDGE OF TRAVEL WAY		
	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_22_PV.dgn
TIME	6:15:24 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

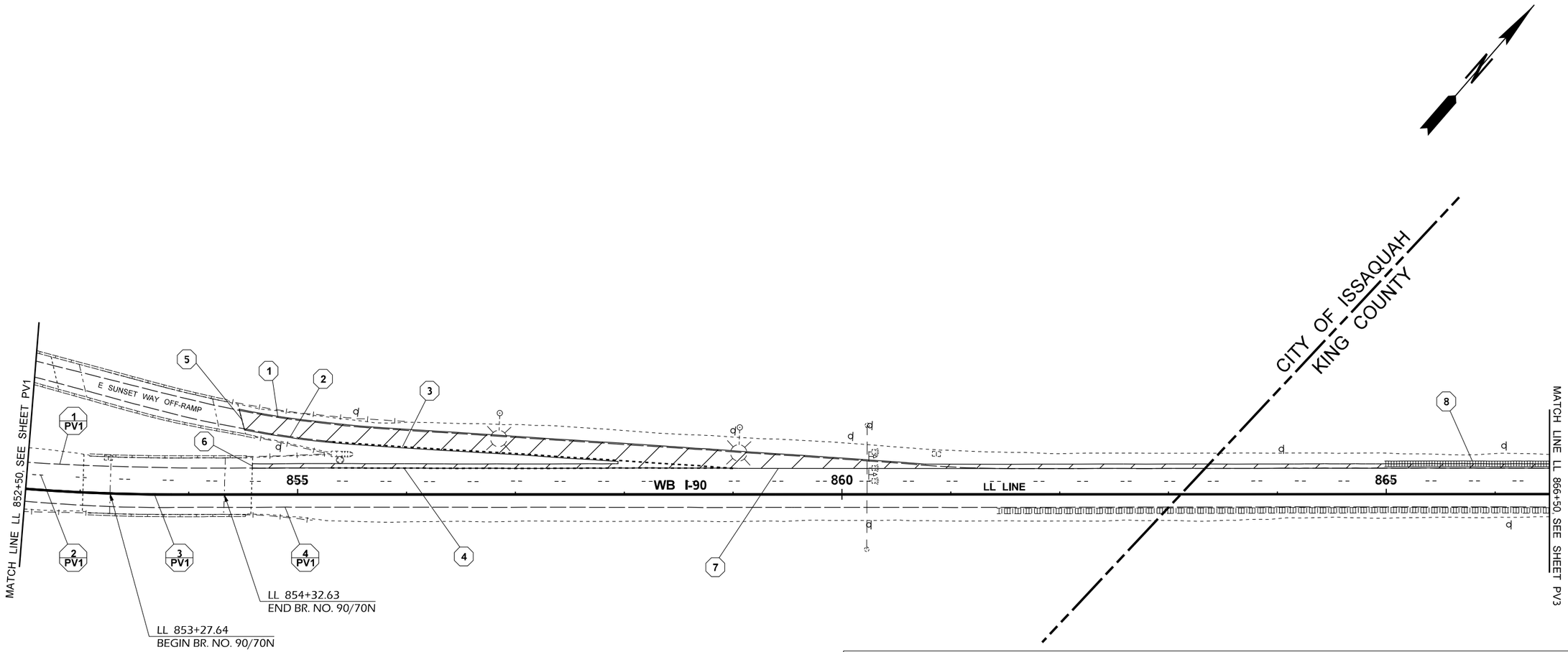
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 1
PLAN REF NO
PV1
SHEET 63 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
- ST — — ST —	EXISTING STORM SEWER PIPE		
- UD — — UD —	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
- - - - - - - - - - -	EXISTING EDGE OF PAVED SHOULDER		
— — — — —	EXISTING EDGE OF TRAVEL WAY		
- - - -	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_22_PV.dgn					
TIME	6:15:25 PM					
DATE	11/16/2021					
PLOTTED BY	leec					
DESIGNED BY	C. LEE					
ENTERED BY	C. LEE					
CHECKED BY	C. ANDERSON					
PROJ. ENGR.	C. WINNINGHAM					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — SEE SHEET CT1 — DATE

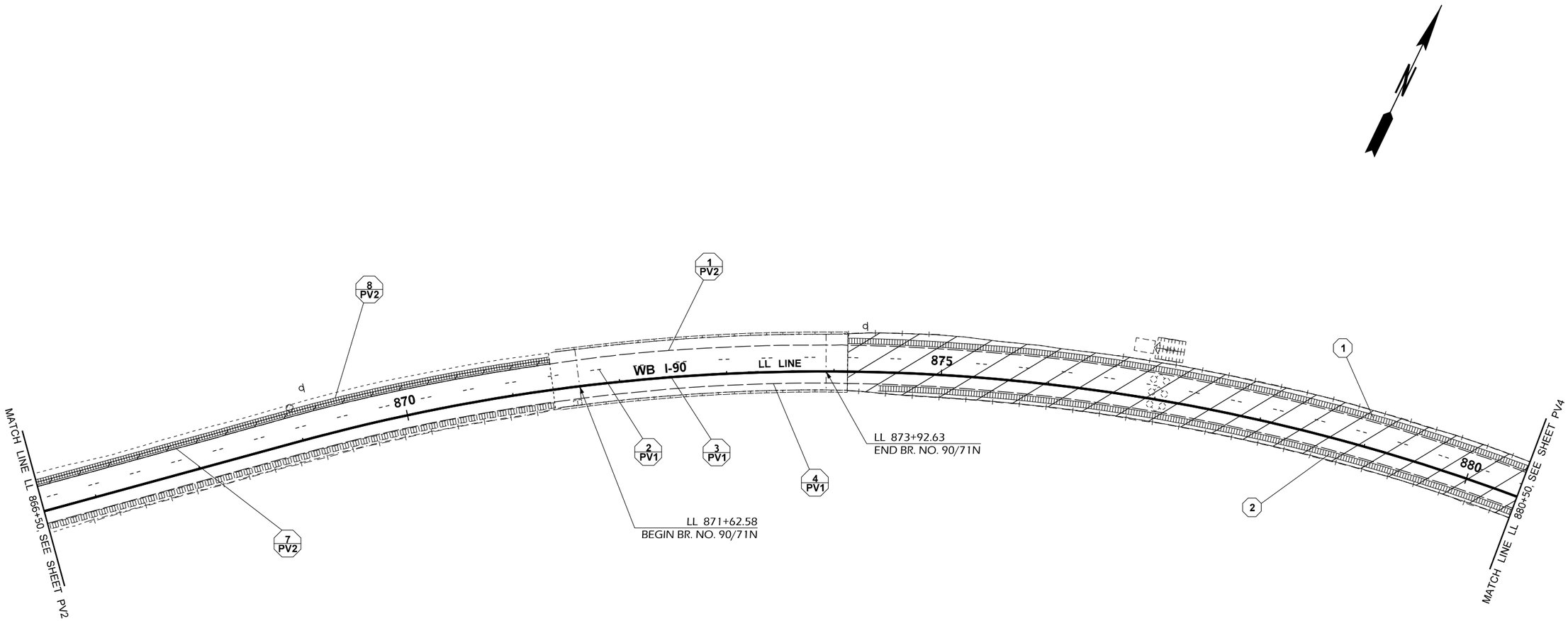
P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 2
PLAN REF NO PV2
SHEET 64 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
ST	EXISTING STORM SEWER PIPE		
UD	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
	EXISTING EDGE OF PAVED SHOULDER		
	EXISTING EDGE OF TRAVEL WAY		
	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_22_PV.dgn
TIME	6:15:26 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

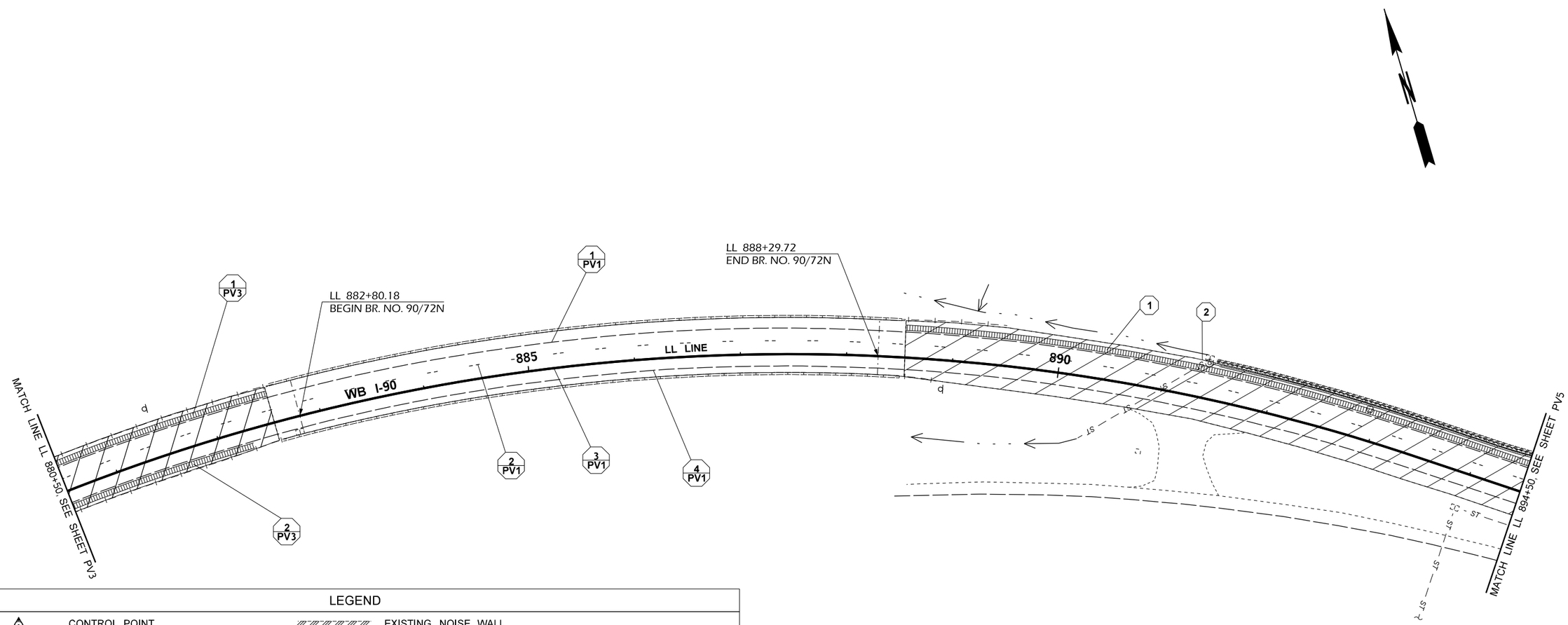
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 3
PLAN REF NO PV3
SHEET 65 OF 240 SHEETS



LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
- ST — — ST —	EXISTING STORM SEWER PIPE		
- UD — — UD —	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
- - - - - - - - - - -	EXISTING EDGE OF PAVED SHOULDER		
— — — —	EXISTING EDGE OF TRAVEL WAY		
- - - -	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_22_PV.dgn
TIME	6:15:27 PM
DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

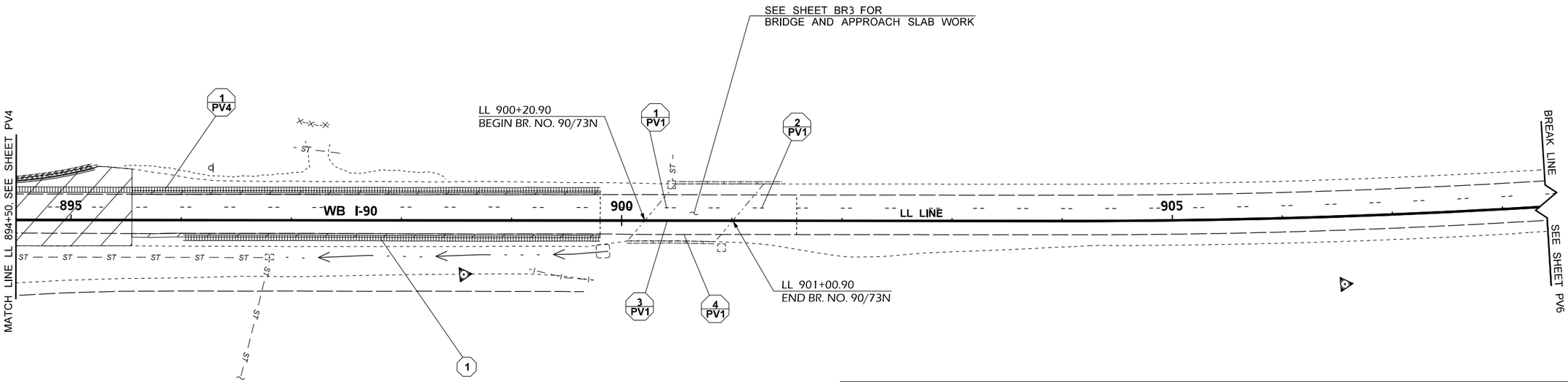
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 4
PLAN REF NO PV4
SHEET 66 OF 240 SHEETS



0 50 100
SCALE IN FEET

LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
ST	EXISTING STORM SEWER PIPE		
UD	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
	EXISTING EDGE OF PAVED SHOULDER		
	EXISTING EDGE OF TRAVEL WAY		
	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

SECTION 1

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DATE	11/16/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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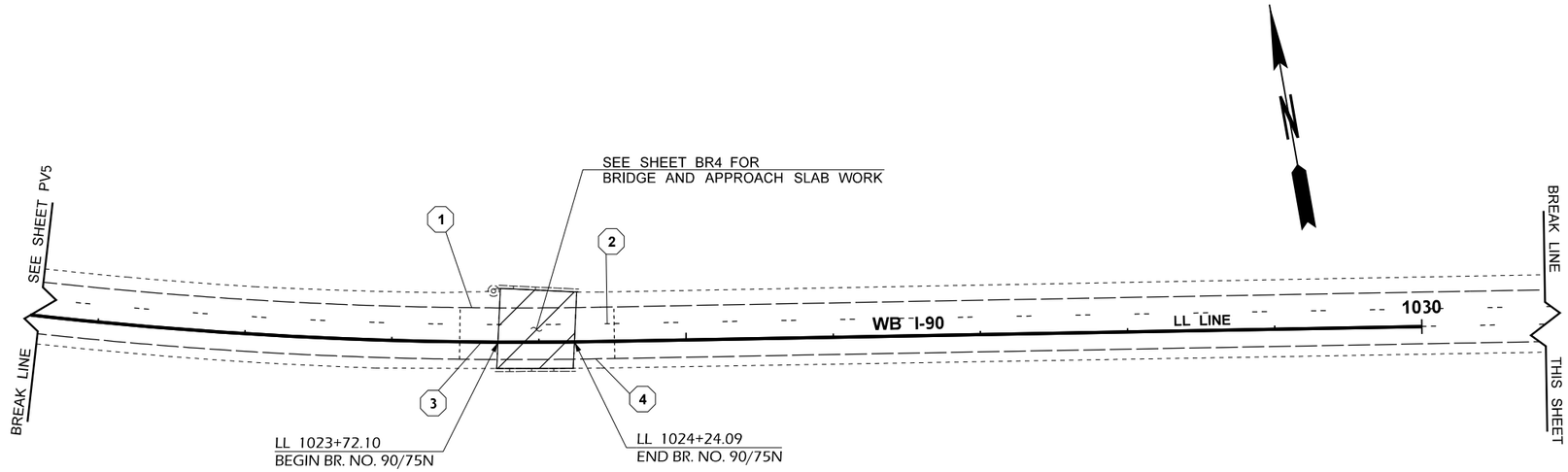
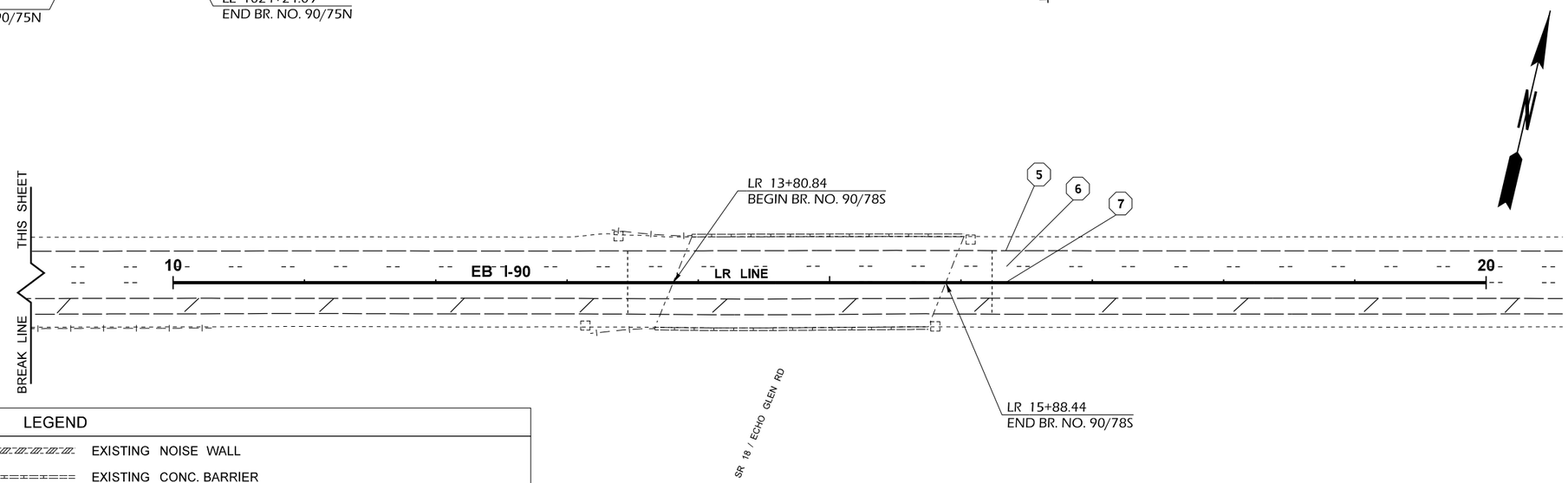
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 5
PLAN REF NO
PV5
SHEET 67 OF 240 SHEETS





LEGEND

	CONTROL POINT		EXISTING NOISE WALL
	EXISTING CATCH BASIN		EXISTING CONC. BARRIER
	EXISTING GRATE INLET		EXISTING GUARDRAIL
	EXISTING CONCRETE INLET		
- ST — — ST —	EXISTING STORM SEWER PIPE		
- UD — — UD —	EXISTING UNDERDRAIN PIPE	#	QUANTITY TAB NOTE
	EXISTING POLYDRAIN CHANNEL	# PV#	QUANTITY TAB NOTE CONTINUED
- - - - - - - - - - - -	EXISTING EDGE OF PAVED SHOULDER		
— — — —	EXISTING EDGE OF TRAVEL WAY		
- - - -	EXISTING LANE LINE		HMA CL. 1/2 IN. PG 58H-22
	EXISTING RUMBLE STRIP		NEW RUMBLE STRIP

0 50 100
SCALE IN FEET

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_22_PV.dgn
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PLOTTED BY	leec
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CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

COLLEEN ANDERSON — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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Washington State Department of Transportation

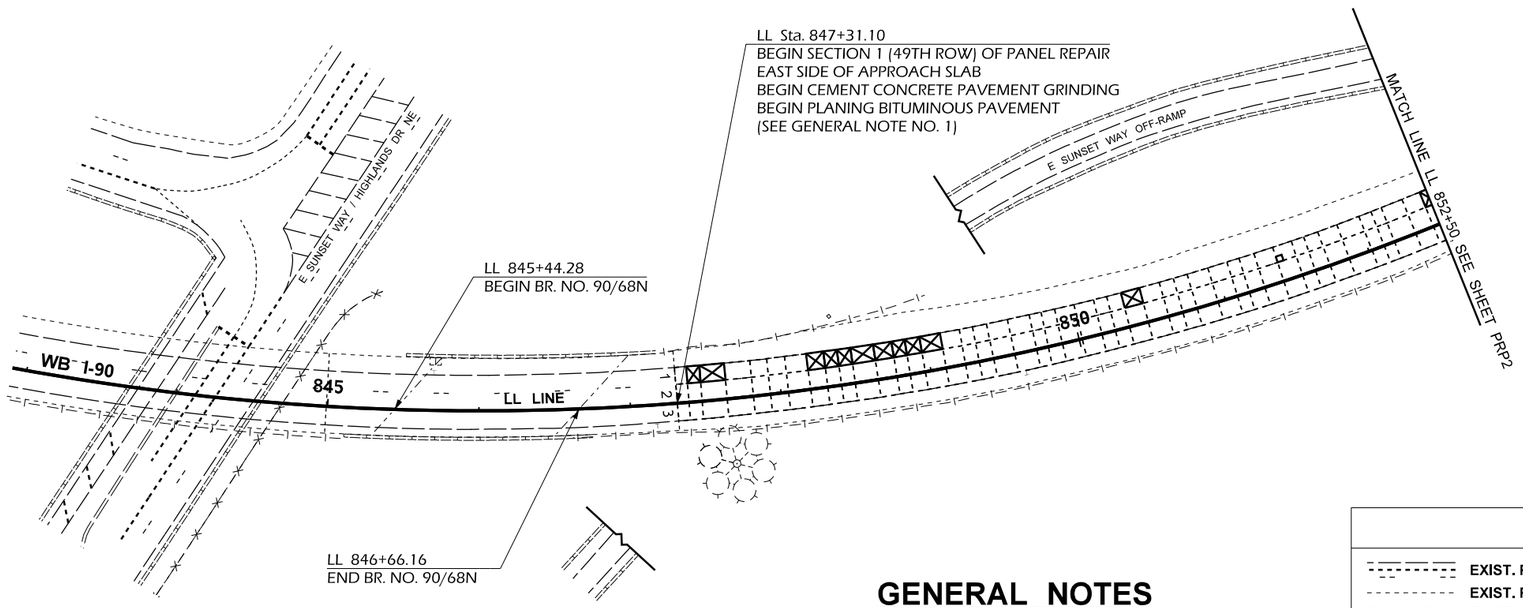
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVING PLAN

Plot 14
PLAN REF NO PV6
SHEET 68 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 2) (*)					
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 1 - BEGIN	2ND - 49TH	-	-	-	-
SECTION 2 - END	1ST	1	-	15.75	TC14 - TC15

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 1) (*)					
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 1 - BEGIN	49TH	-	-	-	-
	47TH - 48TH	2	-	31.25	TC6 - TC7
	43RD - 46TH	-	-	-	-
	35TH - 42ND	8	-	107.5	TC6 - TC7
	24TH - 34TH	-	-	-	-
	23RD	1	-	14.75	TC6 - TC7
	6TH - 22ND	-	-	-	-
	4TH - 5TH	2	-	22.0	TC6 - TC7
	2ND - 3RD	-	-	-	-
SECTION 1 - END	1ST	1	-	13.5	TC6 - TC7



GENERAL NOTES

1. SEE SHEET PRD2 FOR LIMITS OF "CEMENT CONCRETE PAVEMENT GRINDING" AND "PLANING BITUMINOUS PAVEMENT".

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
LANE 2 - THE MIDDLE LANE; AND
LANE 3 - THE FAR LEFT (INSIDE) LANE.

(**) EACH PANEL REPAIR SECTION BEGINS WITH THE LAST ROW OF PANEL AND ENDS WITH THE FIRST ROW OF PANELS.

(***) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

(****) E - EAST EDGE OF PANEL; S - SOUTH EDGE OF PANEL;
W - WEST EDGE OF PANEL; N - NORTH EDGE OF PANEL; ALL - ENTIRE PANEL

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_24_PRP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:39:25 AM				JOB NUMBER 21A012		
DATE	11/23/2021				CONTRACT NO.		LOCATION NO.
PLOTTED BY	leec						
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 1
PLAN REF NO P1
SHEET 69 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 3) (*)

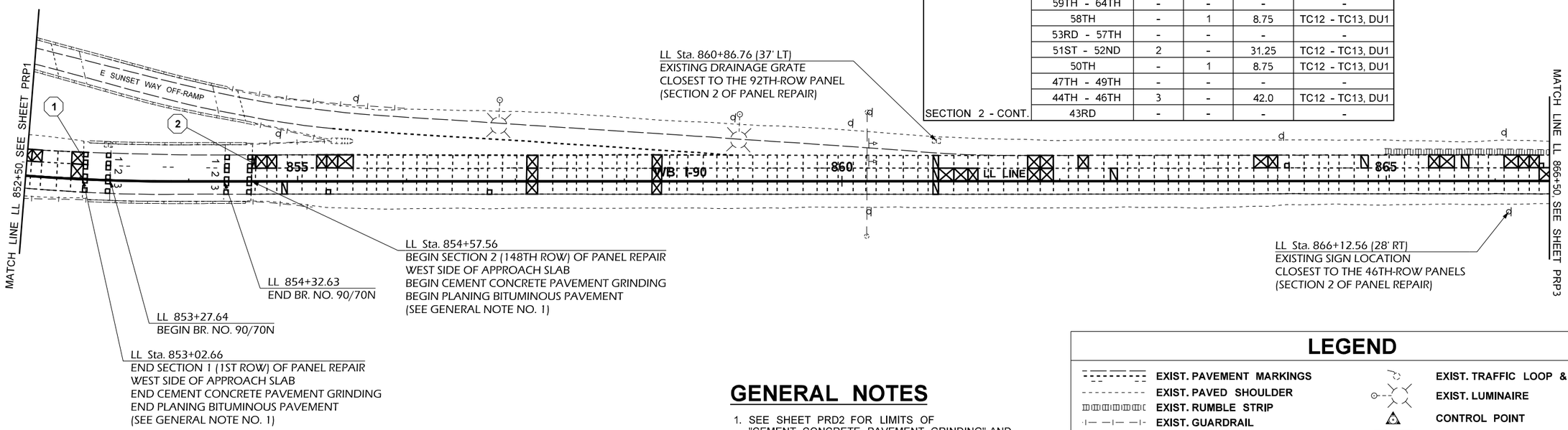
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS FULL	NUMBER OF PANELS PARTIAL	REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	146TH - 148TH	-	-	-	-
	145TH	-	1	6.5	TC1
	126TH - 144TH	-	-	-	-
	125TH	1	-	13.5	TC1
	116TH - 124TH	-	-	-	-
	115TH	1	-	11.75	TC1
	93RD - 114TH	-	-	-	-
	92ND	-	1	6.75	TC1
SECTION 2 - CONT.	43RD - 91ST	-	-	-	-

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 2) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS FULL	NUMBER OF PANELS PARTIAL	REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	126TH - 148TH	-	-	-	-
	125TH	1	-	14.0	TC14 - TC15
	116TH - 124TH	-	-	-	-
	115TH	1	-	12.0	TC14 - TC15
	93RD - 114TH	-	-	-	-
	92ND	-	1	6.75	TC14 - TC15
	89TH - 91ST	3	-	48.75	TC14 - TC15
	85TH - 88TH	-	-	-	-
	83RD - 84TH	2	-	31.5	TC14 - TC15
	79TH - 82ND	-	-	-	-
	78TH	-	1	8.25	TC14 - TC15
	44TH - 77TH	-	-	-	-
SECTION 2 - CONT.	43RD	1	-	17.25	TC14 - TC15

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 1) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS FULL	NUMBER OF PANELS PARTIAL	REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	146TH - 148TH	3	-	30.5	TC12 - TC13, DU1
	143RD - 145TH	-	-	-	-
	140TH - 142ND	3	-	45.25	TC12 - TC13, DU1
	126TH - 139TH	-	-	-	-
	125TH	1	-	13.5	TC12 - TC13, DU1
	116TH - 124TH	-	-	-	-
	115TH	1	-	12.25	TC12 - TC13, DU1
	93RD - 114TH	-	-	-	-
	92ND	-	1	6.5	TC12 - TC13, DU1
	85TH - 91ST	-	-	-	-
	83RD - 84TH	2	-	31.25	TC12 - TC13, DU1
	81ST - 82ND	-	-	-	-
	80TH	1	-	12.25	TC12 - TC13, DU1
	67TH - 79TH	-	-	-	-
	65TH - 66TH	2	-	28.0	TC12 - TC13, DU1
	59TH - 64TH	-	-	-	-
	58TH	-	1	8.75	TC12 - TC13, DU1
	53RD - 57TH	-	-	-	-
	51ST - 52ND	2	-	31.25	TC12 - TC13, DU1
	50TH	-	1	8.75	TC12 - TC13, DU1
	47TH - 49TH	-	-	-	-
	44TH - 46TH	3	-	42.0	TC12 - TC13, DU1
SECTION 2 - CONT.	43RD	-	-	-	-



GENERAL NOTES

1. SEE SHEET PRD2 FOR LIMITS OF "CEMENT CONCRETE PAVEMENT GRINDING" AND "PLANING BITUMINOUS PAVEMENT".

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
LANE 2 - THE MIDDLE LANE; AND
LANE 3 - THE FAR LEFT (INSIDE) LANE.

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W - WEST EDGE OF PANEL; N - NORTH EDGE OF PANEL; ALL - ENTIRE PANEL

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 1

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REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — SEE SHEET CT1 — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 2
PLAN REF NO P2
SHEET 70 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 3) (*)

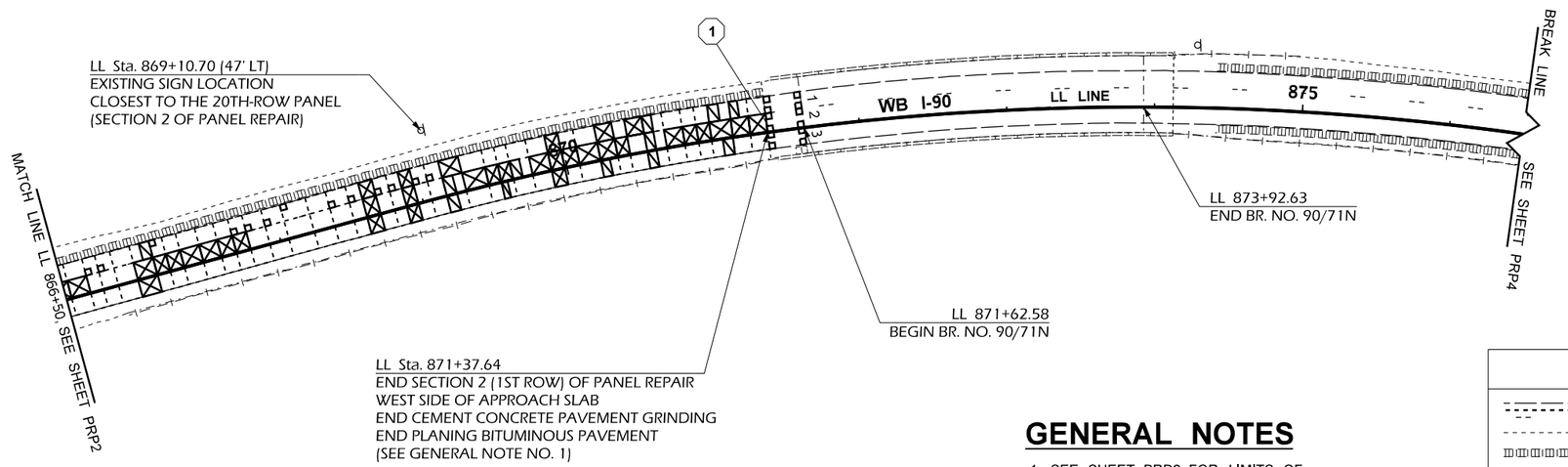
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 2 - CONT.	39TH - 42ND	-	-	-	-
	38TH	1	-	18.25	TC1
	26TH - 37TH	-	-	-	-
	25TH	1	-	12.75	TC1
	23RD - 24TH	-	-	-	-
	22ND	1	-	11.0	TC1
	20TH - 21ST	-	-	-	-
	19TH	-	1	9.5	TC1
	17TH - 18TH	-	-	-	-
	16TH	-	1	5.5	TC1
	14TH - 15TH	-	-	-	-
	13TH	1	-	12.0	TC1
	11TH - 12TH	-	-	-	-
	10TH	-	1	8.5	TC1
	8TH - 9TH	-	-	-	-
	7TH	-	1	8.5	TC1
	4TH - 6TH	-	-	-	-
	3RD	-	1	9.0	TC1
SECTION 2 - END	1ST - 2ND	-	-	-	-

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 2) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 2 - CONT.	42ND	1	-	17.75	TC19 - TC21
	39TH - 41ST	-	-	-	-
	32ND - 38TH	7	-	105.75	TC19 - TC21
	26TH - 31ST	-	-	-	-
	25TH	1	-	13.25	TC19 - TC21
	23RD - 24TH	-	-	-	-
	22ND	1	-	11.75	TC19 - TC21
	20TH - 21ST	-	-	-	-
	19TH	-	1	9.75	TC19 - TC21
	16TH - 18TH	3	-	45.0	TC19 - TC21
	15TH	-	1	9.0	TC19 - TC21
	9TH - 14TH	6	-	92.5	TC19 - TC21
	8TH	-	-	-	-
	7TH	-	1	9.0	TC19 - TC21
SECTION 2 - END	1ST - 6TH	6	-	94.25	TC19 - TC21

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 1) (*)

REPAIR SECTION	(**) PANEL ROW NO.	(*) LANE 1 NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 2 - CONT.	39TH - 42RD	-	-	-	-
	38TH	-	1	8.75	TC16 - TC18
	26TH - 37TH	-	-	-	-
	25TH	1	-	12.0	TC16 - TC18
	23RD - 24TH	-	-	-	-
	22ND	1	-	10.75	TC16 - TC18
	20TH - 21ST	-	-	-	-
	19TH	1	-	17.75	TC16 - TC18
	14TH - 18TH	-	-	-	-
	13RD	1	-	11.75	TC16 - TC18
	11TH - 12TH	-	-	-	-
	10TH	1	-	15.25	TC16 - TC18
	9TH	-	-	-	-
	8TH	1	-	15.0	TC16 - TC18
	7TH	-	1	8.75	TC16 - TC18
	4TH - 6TH	-	-	-	-
	2ND - 3RD	-	2	17.0	TC16 - TC18
SECTION 2 - END	1ST	-	-	-	-



GENERAL NOTES

1. SEE SHEET PRD2 FOR LIMITS OF "CEMENT CONCRETE PAVEMENT GRINDING" AND "PLANING BITUMINOUS PAVEMENT".

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
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(**) EACH PANEL REPAIR SECTION BEGINS WITH THE LAST ROW OF PANEL AND ENDS WITH THE FIRST ROW OF PANELS.

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(****) E - EAST EDGE OF PANEL; S - SOUTH EDGE OF PANEL;
W - WEST EDGE OF PANEL; N - NORTH EDGE OF PANEL; ALL - ENTIRE PANEL

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
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- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 1

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REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

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Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 3
PLAN REF NO P3
SHEET 71 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 3) (*)

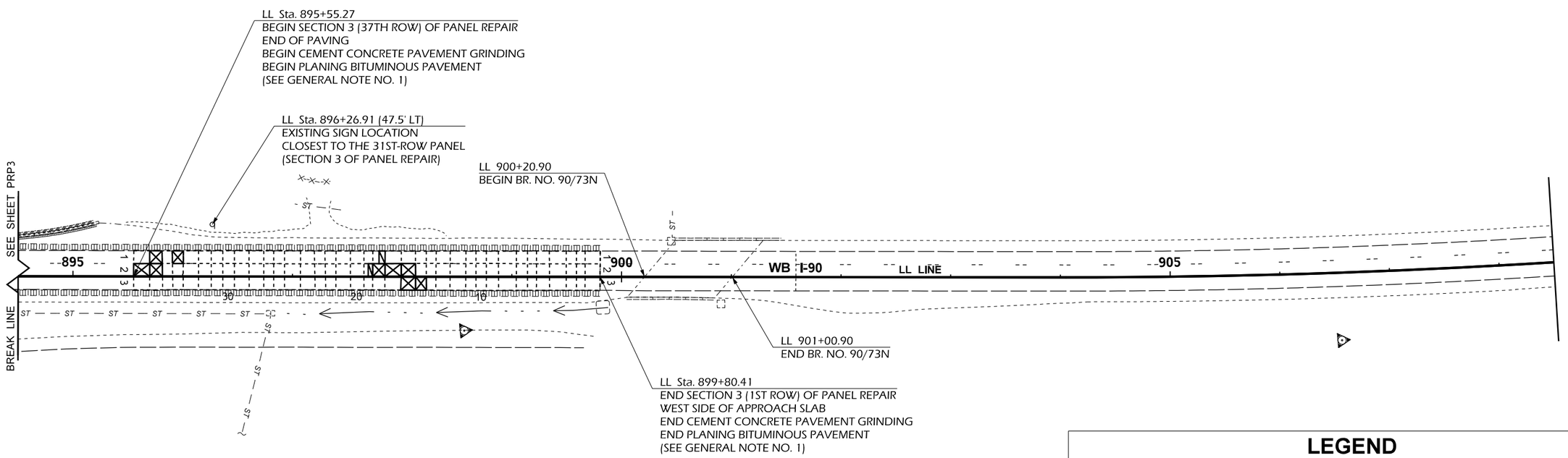
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 3 - BEGIN	17TH - 37TH	-	-	-	-
	15TH - 16TH	1	-	32.0	TC1
SECTION 3 - END	1ST - 14TH	-	-	-	-

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 2) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 3 - BEGIN	36TH - 37TH	2	-	34.0	TC19 - TC21
	20TH - 35TH	-	-	-	-
	19TH	-	1	5.5	TC19 - TC21
	16TH - 18TH	1	-	52.0	TC19 - TC21
SECTION 3 - END	1ST - 15TH	-	-	-	-

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 1) (*)

REPAIR SECTION	(**) PANEL ROW NO.	(*) LANE 1 NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 3 - BEGIN	37TH	-	-	-	-
	36TH	1	-	15.0	TC16 - TC18
	35TH	-	-	-	-
	34TH	1	-	13.0	TC16 - TC18
	19TH - 33RD	-	-	-	-
	18TH	-	1	7.0	TC16 - TC18
SECTION 3 - END	1ST - 17TH	-	-	-	-



GENERAL NOTES

1. SEE SHEET PRD2 FOR LIMITS OF "CEMENT CONCRETE PAVEMENT GRINDING" AND "PLANING BITUMINOUS PAVEMENT".

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
LANE 2 - THE MIDDLE LANE; AND
LANE 3 - THE FAR LEFT (INSIDE) LANE.

(**) EACH PANEL REPAIR SECTION BEGINS WITH THE LAST ROW OF PANEL AND ENDS WITH THE FIRST ROW OF PANELS.

(***) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

(****) E - EAST EDGE OF PANEL; S - SOUTH EDGE OF PANEL;
W - WEST EDGE OF PANEL; N - NORTH EDGE OF PANEL; ALL - ENTIRE PANEL

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_24_PRP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:39:29 AM						
DATE	11/23/2021						
PLOTTED BY	leec				JOB NUMBER 21A012		
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX — SEE SHEET CT1 — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

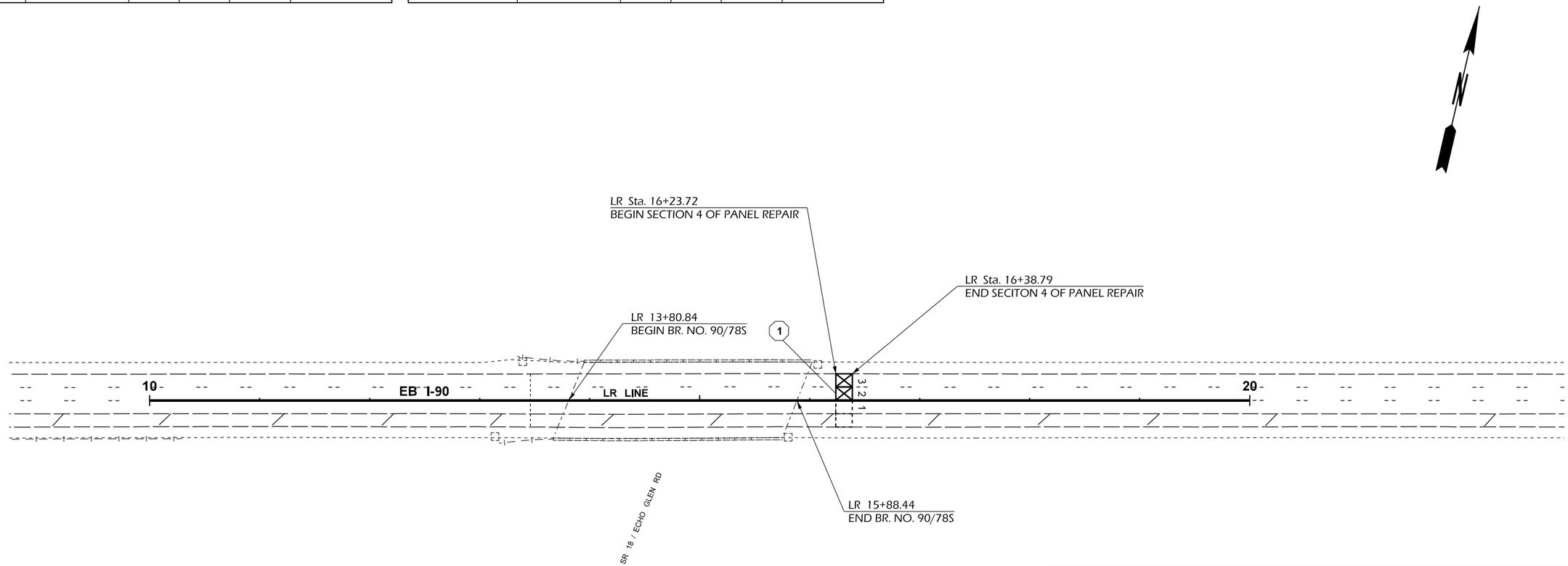
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 5
PLAN REF NO P4
SHEET 72 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 3) (*)					
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 4	1ST	1	-	20	TC34 - TC36

REPLACE CEMENT CONCRETE PANEL (FULL/PARTIAL) SCHEDULE (LANE 2) (*)					
REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS		REPAIR AREA (S.Y.)	(***) TRAFFIC CONTROL SHEET NO.
		FULL	PARTIAL		
SECTION 4	1ST	1	-	20	TC34 - TC36



GENERAL NOTES

1. SEE SHEET PRD2 FOR LIMITS OF "CEMENT CONCRETE PAVEMENT GRINDING" AND "PLANING BITUMINOUS PAVEMENT".

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
LANE 2 - THE MIDDLE LANE; AND
LANE 3 - THE FAR LEFT (INSIDE) LANE.

(**) EACH PANEL REPAIR SECTION BEGINS WITH THE LAST ROW OF PANEL AND ENDS WITH THE FIRST ROW OF PANELS.

(***) THESE ARE SUGGESTED REFERENCED TRAFFIC CONTROL SHEETS. ALTERNATIVE OR ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

(****) E - EAST EDGE OF PANEL; S - SOUTH EDGE OF PANEL;
W - WEST EDGE OF PANEL; N - NORTH EDGE OF PANEL; ALL - ENTIRE PANEL

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- ?? ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_24_PRP.dgn
TIME	11:39:30 AM
DATE	11/23/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — SEE SHEET CT1 — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 15
PLAN REF NO P5
SHEET 73 OF 240 SHEETS

(*) LANE 1 - THE FAR RIGHT (OUTSIDE) LANE ON I-90 WESTBOUND MAINLINE;
LANE 2 - THE MIDDLE LANE; AND
LANE 3 - THE FAR LEFT (INSIDE) LANE.

(**) EACH PANEL REPAIR SECTION BEGINS WITH THE LAST ROW OF PANEL AND ENDS WITH THE FIRST ROW OF PANELS.

(***) THIS LIST IS NOT ALL INCLUSIVE.
ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED BEYOND THAT SHOWN ON THE REFERENCED TRAFFIC CONTROL SHEETS.

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 1) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
SECTION 1 - BEGIN	15TH - 49TH	-	-	-
	14TH	1	SW	TC6 - TC7
SECTION 1 - END	1ST - 13TH	-	-	-

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 3) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/70N	WEST APPROACH	1	ALL	TC1
BR. NO. 90/70N	EAST APPROACH	1	ALL	TC1

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 2) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/70N	WEST APPROACH	1	ALL	TC14 - TC15
BR. NO. 90/70N	EAST APPROACH	1	ALL	TC14 - TC15

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 1) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/70N	WEST APPROACH	1	ALL	TC12 - TC13, DU1
BR. NO. 90/70N	EAST APPROACH	1	ALL	TC12 - TC13, DU1

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 3) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	142ND - 148TH	-	-	-
	141ST	1	SE	TC1
	129TH TO 140TH	-	-	-
	128TH	1	SE	TC1
SECTION 2 - END	1ST - 127TH	-	-	-

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 2) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	30TH - 148TH	-	-	-
	29TH	1	NW	TC19 - TC21
SECTION 2 - END	1ST - 28TH	-	-	-

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 1) (*)

REPAIR SECTION	(**) PANEL ROW NO.	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
SECTION 2 - BEGIN	65TH - 148TH	-	-	-
	64TH	1	SE	TC12 - TC13, DU1
	44TH - 63TH	-	-	-
	43RD	1	SW	TC12 - TC13, DU1
	42ND	-	-	-
	40TH - 41ST	2	SW	TC16 - TC18
	38TH - 39TH	-	-	-
	37TH	1	NW	TC16 - TC18
	33RD - 36TH	-	-	-
	30TH - 32ND	3	SW	TC16 - TC18
	28TH - 29TH	-	-	-
	26TH - 27TH	2	SW	TC16 - TC18
	25TH	-	-	-
	23RD - 24TH	2	SW	TC16 - TC18
	22ND	-	-	-
	20TH - 21ST	2	SW	TC16 - TC18
SECTION 2 - END	1ST - 19TH	-	-	-

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 3) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/71N	WEST APPROACH	1	ALL	TC1

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 2) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/71N	WEST APPROACH	1	ALL	TC19 - TC21

PARTIAL SPALL DEPTH REPAIR SCHEDULE (LANE 1) (*)

BRIDGE NUMBER	APPROACH SLAB	NUMBER OF PANELS	(****) SPALL REPAIR LOCATION	(***) TRAFFIC CONTROL SHEET NO.
BR. NO. 90/71N	WEST APPROACH	1	ALL	TC16 - TC18

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_24_PRP.dgn
TIME	11:39:32 AM
DATE	11/23/2021
PLOTTED BY	leec
DESIGNED BY	C. LEE
ENTERED BY	C. LEE
CHECKED BY	C. ANDERSON
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

SEE SHEET CT1 DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 21
PLAN REF NO P6
SHEET 74 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
DL	1 - 2	317+12 - 317+27	43 RT	42	1A
2	2	317+27	19 RT	23	1A
1	4 - 5	317+58 - 317+73	31 RT	40	1A
DL	8	318+18	43 RT	19	1A
1	9 - 10	318+33 - 318+48	31 RT	41	1A
DL	25 - 26	320+74 - 320+89	42 RT	42	1A
1	33	321+96	30 RT	19	1A
DL	33 - 34	321+96 - 322+11	42 RT	39	1A
SUBTOTAL (13 FULL PANELS)				265 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

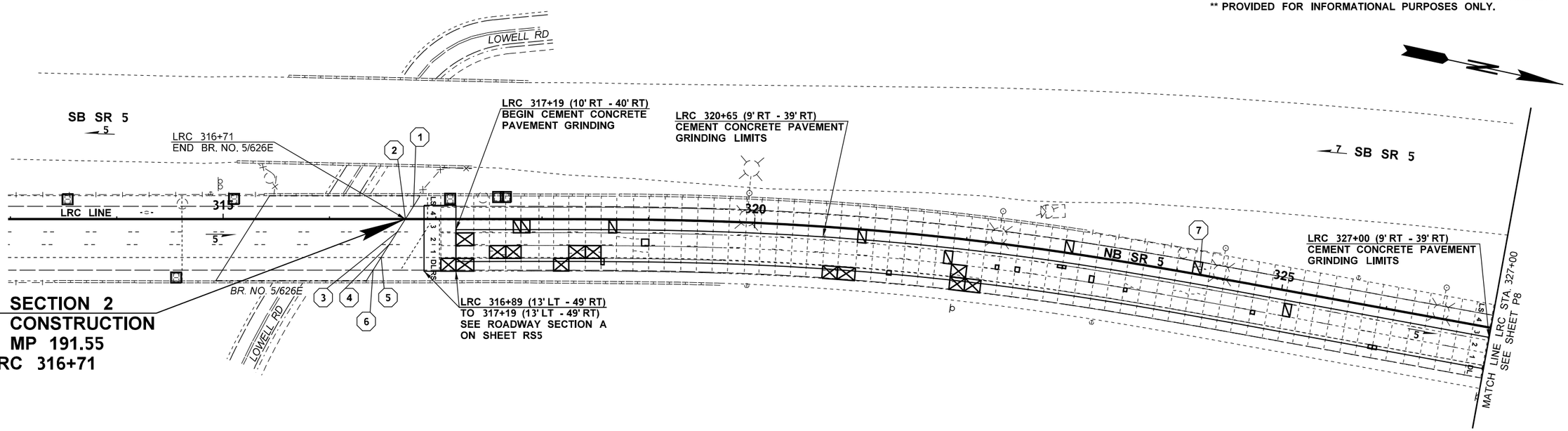
LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
3	5 - 6	317+77 - 317+84	7 RT	21	1B
3	11	318+67	7 RT	10	1B
3	27	321+02	6 RT	10	1B
2	32	321+85	18 RT	11	1B
4	40	322+97	6 LT	10	1B
4	48	324+19	6 LT	11	1B
2	54	325+09	18 RT	10	1A
SUBTOTAL (8 PARTIAL PANELS)				83 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
DL	11	318+57	40 RT	2	1A
2	13	318+97	21 RT	5	1A
DL	29	321+30	38 RT	2	1A
2	35	322+32	22 RT	2	1A
2	37	322+51	22 RT	2	1A
2	39 - 40	322+90 - 322+94	14 RT	3	1A
2	41	323+22	21 RT	3	1A
1	44	323+55	26 RT	1	1A
1	52	324+77	26 RT	2	1A
DL	59 - 60	325+92 - 325+96	38 RT	3	1A
SUBTOTAL				25 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



BEGIN SECTION 2
BEGIN CONSTRUCTION
I-5 NB MP 191.55
STA. LRC 316+71

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

0 50 100
SCALE IN FEET

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

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TIME	9:17:19 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 1
PLAN REF NO P7
SHEET 75 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
1	71	327+67	30 RT	19	1A
DL	74 - 75	328+12 - 328+27	42 RT	41	1A
1	79	328+92	30 RT	24	1A
DL	79	328+92	42 RT	24	1A
3	90	330+59	6 RT	22	1B
1	91	330+74	30 RT	19	1A
1	94 - 100	331+19 - 332+09	30 RT	140	1A
2	95	331+34	18 RT	21	1A
DL	96 - 100	331+49 - 332+09	42 RT	99	1A
SUBTOTAL (20 FULL PANELS)				409 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

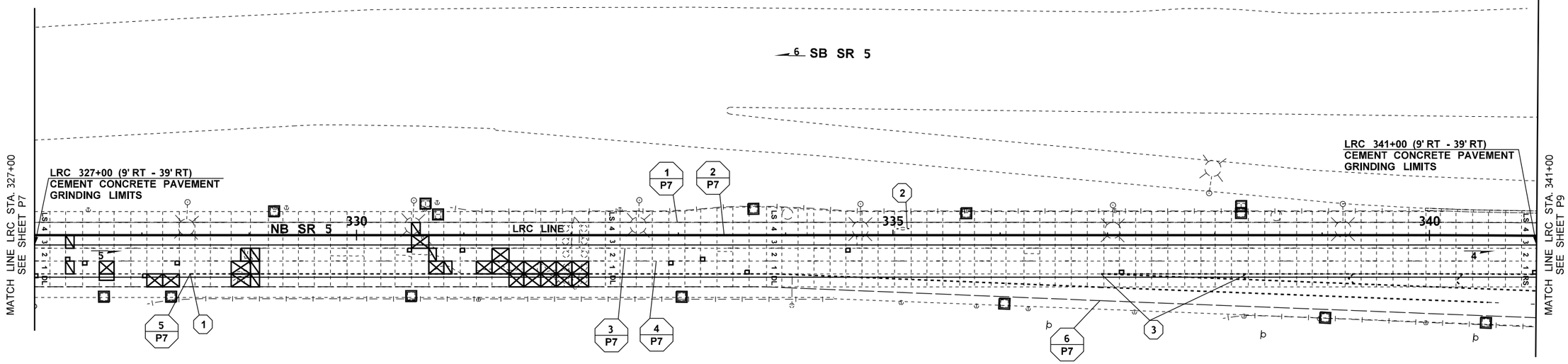
REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
3	69	327+33	6 RT	11	2B
1	69	327+33	30 RT	11	1A
2	79 - 80	328+97 - 329+05	18 RT	24	2B
1	80	329+05	30 RT	12	1A
DL	80	329+05	42 RT	12	1A
4	90	330+55	6 LT	11	2B
2	91	330+71	18 RT	10	1A
1	92	330+85	30 RT	11	1A
SUBTOTAL (9 PARTIAL PANELS)				102 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.



PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
DL	67	327+01	38 RT	2	1A
2	69	327+31	22 RT	2	1A
1	70	327+47	26 RT	2	1A
DL	73	328+03	38 RT	2	1A
1	75	328+33	26 RT	2	1A
2	89	330+49	14 RT	2	1A
2	93	330+99	14 RT	2	1A
1	106	332+93	26 RT	2	1A
2	108	333+23	22 RT	2	1A
1	110	333+64	34 RT	2	1A
2	117	334+58	14 RT	2	1A
1	134	337+13	34 RT	2	1A
1	159	340+99	34 RT	2	1A
SUBTOTAL				26 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
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- EXIST. JUNCTION BOX
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- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- ?? ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:17:44 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 2
PLAN REF NO P8
SHEET 76 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

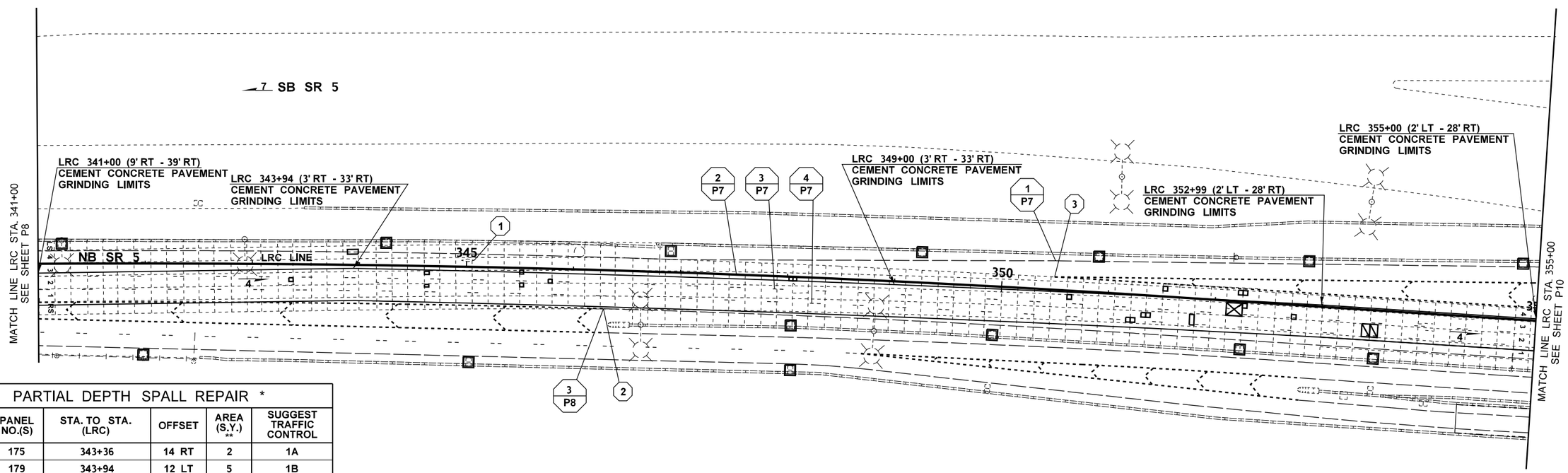
LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
3	234	352+18	8 RT	20	1B

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	242 - 243	353+42 - 353+49	19 RT	20	1A

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.



PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	175	343+36	14 RT	2	1A
4	179	343+94	12 LT	5	1B
3	184	344+63	6 RT	2	1B
2	184	344+63	18 RT	1	1A
3	190	345+52	4 RT	2	1B
2	190	345+52	16 RT	2	1A
3	191	345+78	12 RT	2	1B
3	206 - 207	348+03 - 348+07	2 RT	3	1B
3	224	350+64	6 RT	2	1B
2	227 - 228	351+20 - 351+24	24 RT	4	1A
2	228 - 229	351+34 - 351+38	18 RT	4	1A
4	230	351+53	7 LT	2	1B
2	240	351+79	20 RT	5	1A
4	234 - 235	352+23 - 352+28	8 LT	4	1B
3	235	352+28	4 RT	2	1B
3	238	352+74	11 RT	2	1B
			SUBTOTAL	44 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

0 50 100
SCALE IN FEET

FILE NAME T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn

TIME	9:18:04 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 21A012
CONTRACT NO.
LOCATION NO.

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

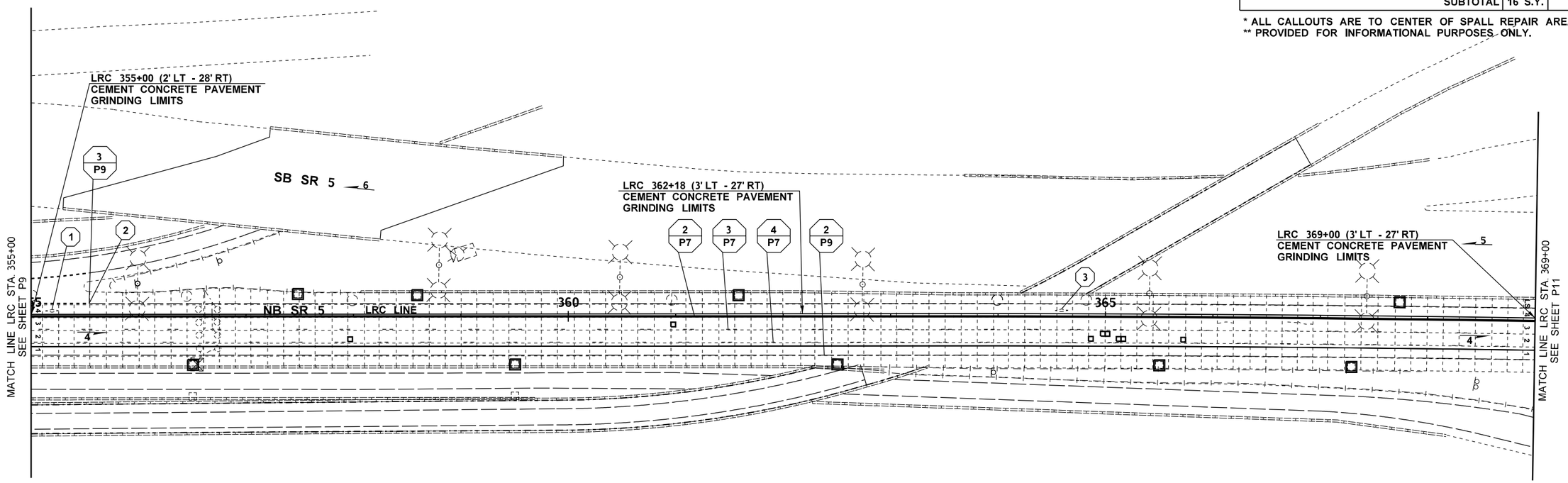
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 3
PLAN REF NO P9
SHEET 77 OF 240 SHEETS

PARTIAL SPALL DEPTH REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	273	357+97	21 RT	2	1A
3	293	360+98	8 RT	2	1B
2	319	364+87	21 RT	2	1A
2	319 - 320	364+98 - 365+02	16 RT	4	1A
2	320 - 321	365+12 - 365+17	21 RT	4	1A
2	324	365+73	21 RT	2	1A
			SUBTOTAL	16 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
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- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

0 50 100
SCALE IN FEET

SECTION 2

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TIME	9:18:28 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

PLAN REF NO P10
SHEET 78 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	359	370+95	18 RT	15	1A
2	433 - 434	382+00 - 382+14	18 RT	39	1A
SUBTOTAL (3 FULL PANELS)				54 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
4	358	370+85	6 LT	13	1B
3	358 - 359	370+85 - 370+92	6 RT	21	1B
2	358	370+85	18 RT	13	1A
SUBTOTAL (4 PARTIAL PANELS)				47 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	421	380+17	16 RT	2	1A
4	435	382+30	10 LT	8	1B
SUBTOTAL				10 S.Y.	

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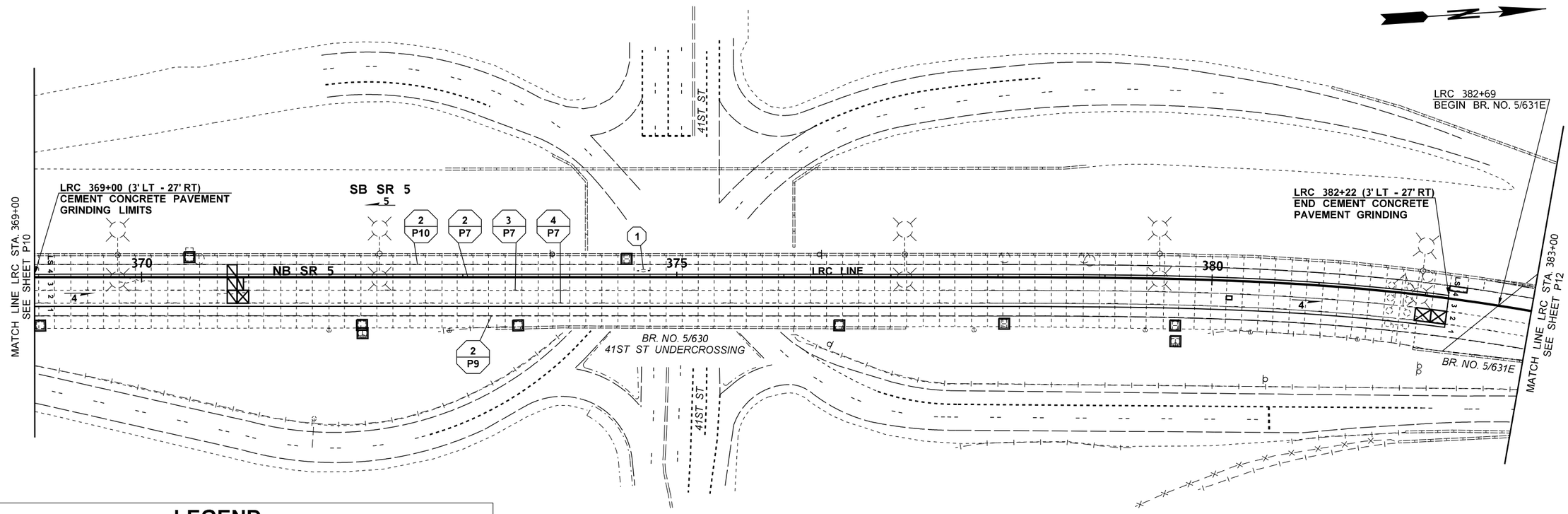

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- ?? ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

0 50 100
SCALE IN FEET

NOTES

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2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:18:49 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 5
PLAN REF NO P11
SHEET 79 OF 240 SHEETS

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
4	32	390+29	2 LT	3	2B

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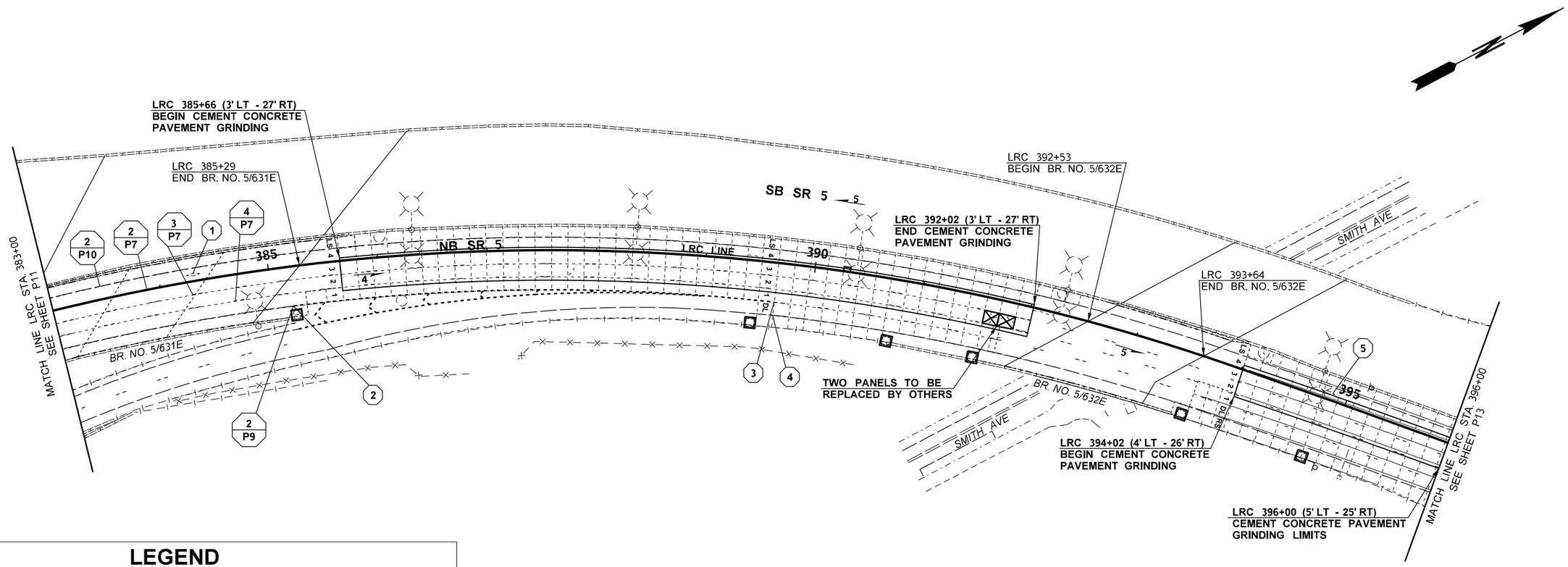

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

0 50 100
SCALE IN FEET

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:19:11 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 6
PLAN REF NO P12
SHEET 80 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	5 - 11	407+88 - 408+79	17 RT	143	2B

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
4	2	407+37	6 LT	5	2B
2	3	407+63	13 RT	2	2B
			SUBTOTAL	7 S.Y.	

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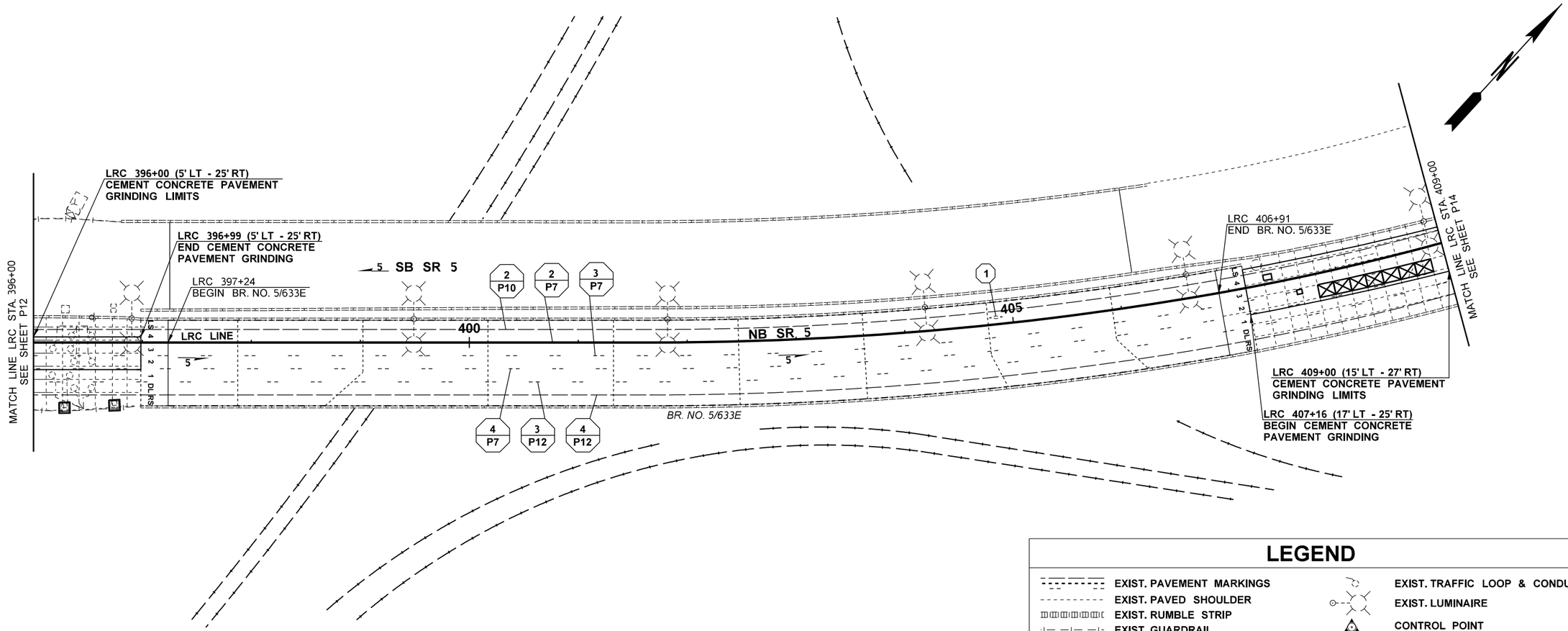

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- ?? ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

0 50 100
SCALE IN FEET

SECTION 2

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DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
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ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
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DATE
P.E. STAMP BOX

Washington State Department of Transportation

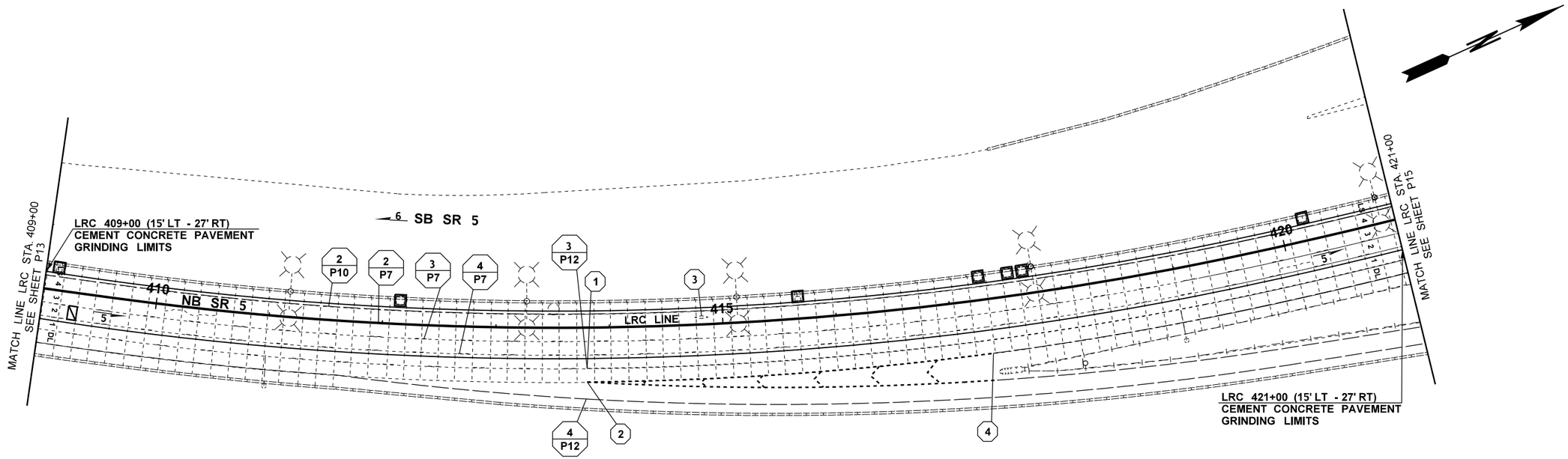
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 7
PLAN REF NO P13
SHEET 81 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	14	409+28	18 RT	11	2B

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.



LEGEND

EXIST. PAVEMENT MARKINGS	EXIST. TRAFFIC LOOP & CONDUIT
EXIST. PAVED SHOULDER	EXIST. LUMINAIRE
EXIST. RUMBLE STRIP	CONTROL POINT
EXIST. GUARDRAIL	INLET PROTECTION
EXIST. CONC. BARRIER	QUANTITY TABULATION CODE
EXIST. WALL	EXISTING CONCRETE PANEL
EXIST. BRIDGE	REPLACE CEMENT CONCRETE PANEL (FULL)
EXIST. CATCH BASIN / GRATE INLET	REPLACE CEMENT CONCRETE PANEL (PARTIAL)
EXIST. MANHOLE	PARTIAL SPALL DEPTH REPAIR
EXIST. SIGN	CEMENT CONCRETE PAVEMENT GRINDING LIMITS
EXIST. SIGN BRIDGE	
EXIST. GUIDE POST	
EXIST. JUNCTION BOX	
EXIST. CONTROLLER CABINET	

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

0 50 100
SCALE IN FEET

SECTION 2

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TIME	9:19:57 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

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I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

PLAN REF NO P14

SHEET 82 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	124	425+82	18 RT	19	2A
		BR. NO. 5/635E			
2	2	427+75	18 RT	20	2A
SUBTOTAL (2 FULL PANELS)				39 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	3	427+86	18 RT	10	2A

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	122	425+59	21 RT	2	2A
3	123 - 124	425+74 - 425+76	10 RT	1	2B
		BR. NO. 5/635E			
3	29	431+72	10 RT	2	2B
SUBTOTAL				5 S.Y.	

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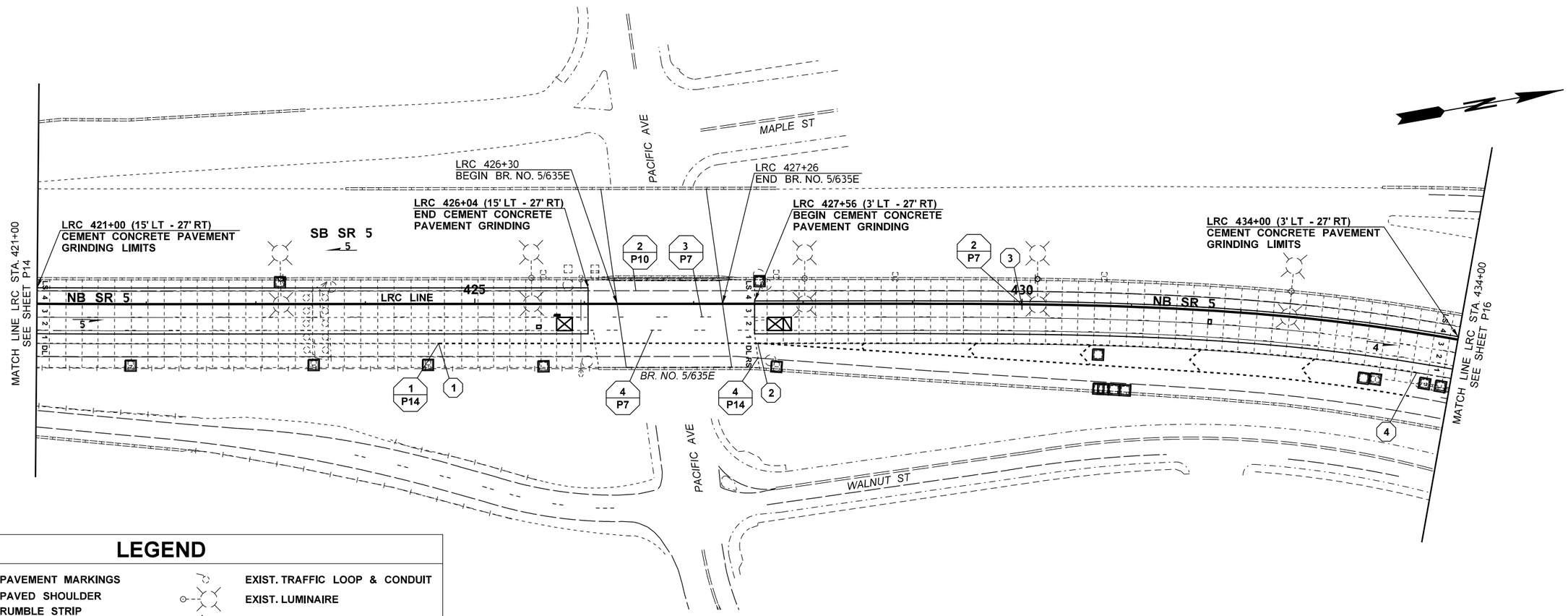

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
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- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
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- ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

0 50 100
SCALE IN FEET

NOTES

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SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
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DESIGNED BY	B. KOSA
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PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
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Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

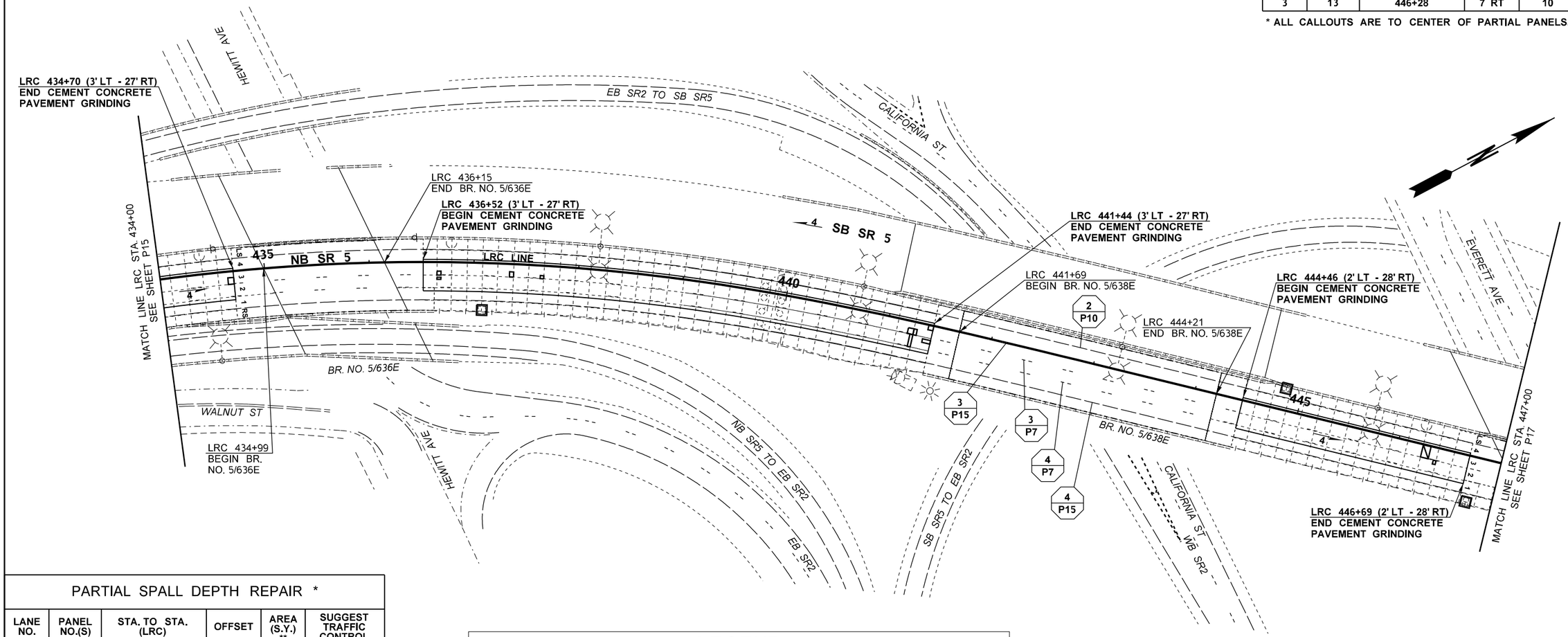
PANEL REHABILITATION PLAN

Plot 9
PLAN REF NO P15
SHEET 83 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
3	13	446+28	7 RT	10	2B

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.



PARTIAL SPALL DEPTH REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
3	48	434+67	9 RT	4	2B
		BR. NO. 5/636E			
3	2	436+67	11 RT	2	2B
2	2	436+67	15 RT	1	2A
3	6	437+36	10 RT	2	2B
3	8	437+66	11 RT	1	2B
3	32 - 33	441+23 - 441+27	10 RT	6	2B
2	32	441+24	18 RT	4	2A
2	33	441+40	16 RT	3	2A
3	33	441+41	3 RT	3	2B
		BR. NO. 5/638E			
2	13	446+38	14 RT	1	2A
			SUBTOTAL	27 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
- EXIST. MANHOLE
- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- ?? ?? QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

0 50 100
SCALE IN FEET

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:20:39 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 10
PLAN REF NO P16
SHEET 84 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (PARTIAL) *

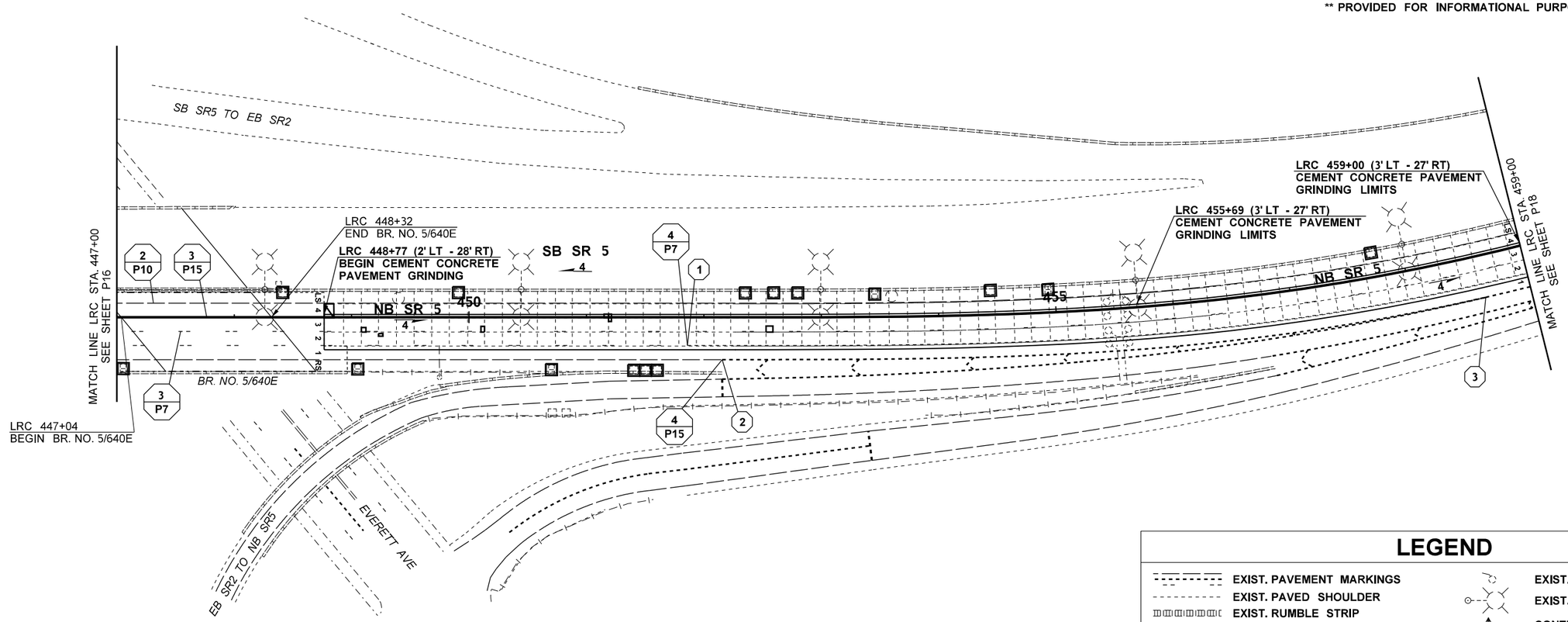
LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
4	1	448+81	5 LT	11	2B
TOTAL (27 PARTIAL PANELS)				294 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF PARTIAL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
3	3	449+10	11 RT	2	3A
2	4	449+25	15 RT	1	3A
3	9	450+12	10 RT	2	3A
4	16 - 17	451+17 - 451+20	1 LT	3	3B
3	17	451+20	2 RT	1	3A
3	26	452+56	10 RT	4	3A
SUBTOTAL				13 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
- EXIST. CATCH BASIN / GRATE INLET
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- EXIST. SIGN
- EXIST. SIGN BRIDGE
- EXIST. GUIDE POST
- EXIST. JUNCTION BOX
- EXIST. CONTROLLER CABINET
- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

0 50 100
SCALE IN FEET

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:21:03 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

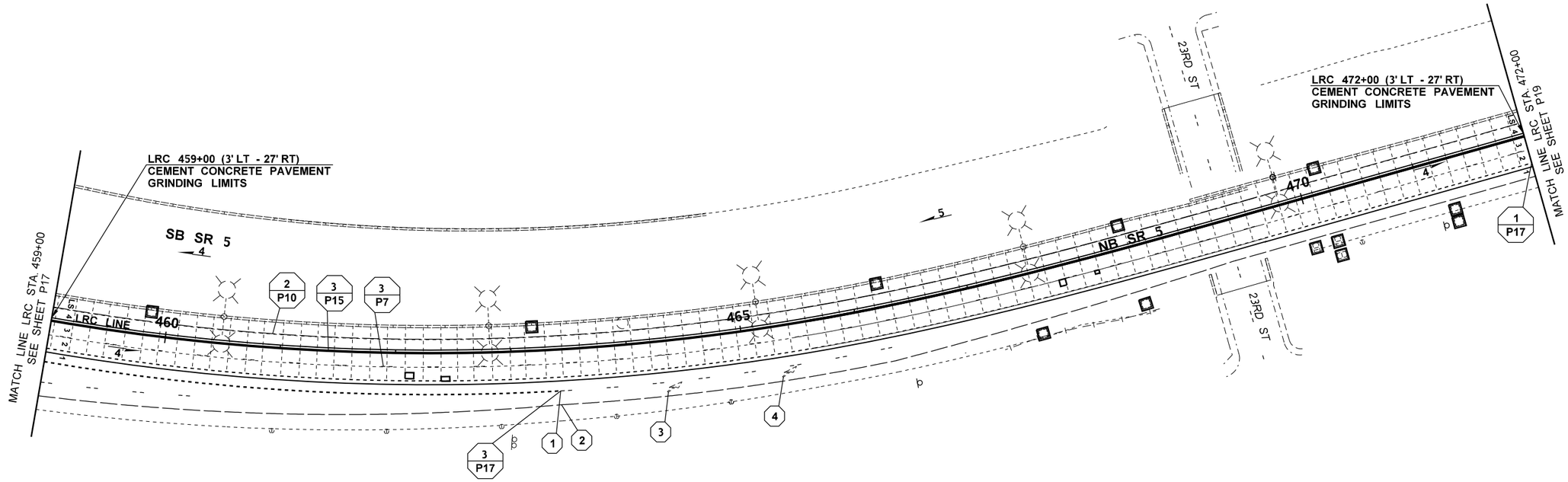
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 11
PLAN REF NO P17
SHEET 85 OF 240 SHEETS

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	89	462+12	20 RT	5	3B
2	91	462+43	22 RT	4	3B
2	126	467+81	15 RT	4	3B
2	128	468+12	14 RT	2	3B
			SUBTOTAL	15 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
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- EXIST. CONC. BARRIER
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- EXIST. TRAFFIC LOOP & CONDUIT
- EXIST. LUMINAIRE
- CONTROL POINT
- INLET PROTECTION
- QUANTITY TABULATION CODE
- EXISTING CONCRETE PANEL
- REPLACE CEMENT CONCRETE PANEL (FULL)
- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

0 50 100
SCALE IN FEET

SECTION 2

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TIME	9:21:28 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY
PANEL REHABILITATION PLAN

Plot 12
PLAN REF NO P18
SHEET 86 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

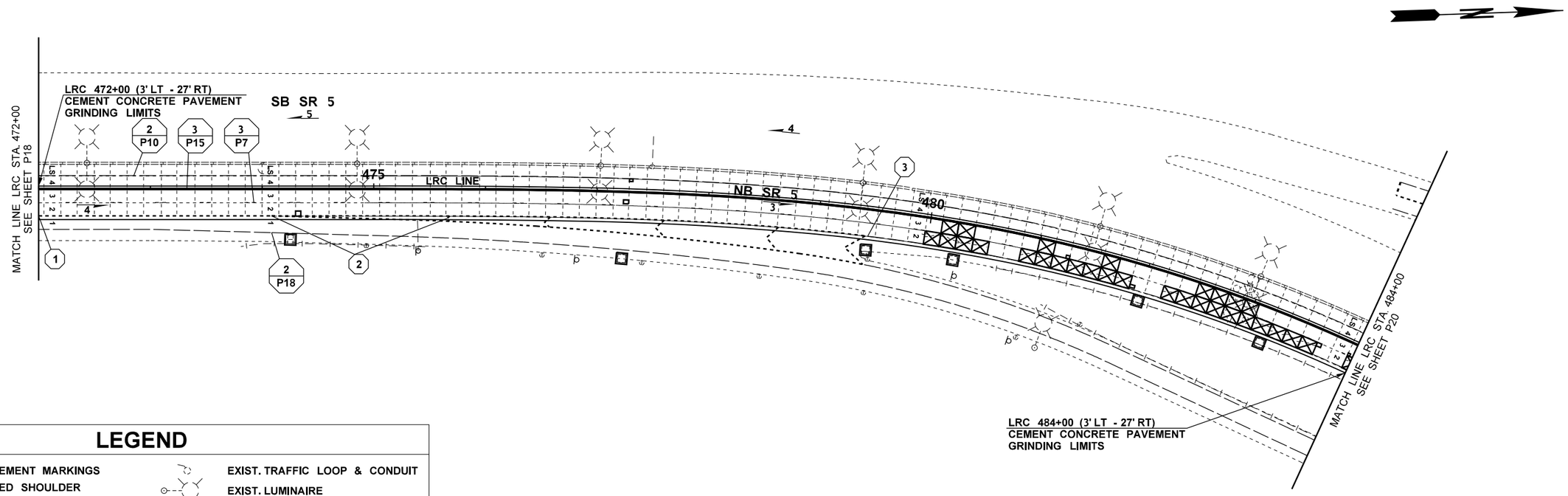
LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	208 - 211	480+04 - 480+48	18 RT	78	2A/3A
3	209 - 210	480+18 - 480+33	6 RT	40	2A/3A
2	214 - 220	480+92 - 481+81	18 RT	137	2A/3A
3	215	481+07	6 RT	20	2A/3A
3	219	481+66	6 RT	20	2A/3A
2	223 - 232	482+25 - 483+58	18 RT	195	2A/3A
3	225 - 228	482+55 - 482+98	6 RT	76	2A/3A
SUBTOTAL (29 FULL PANELS)				566 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

PARTIAL DEPTH SPALL REPAIR *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.) **	SUGGEST TRAFFIC CONTROL
2	170	474+32	22 RT	3	2A/3A
3	189	477+26	9 RT	2	2A/3A
4	190	477+30	11 LT	1	2A/3A
3	216	481+27	11 RT	1	2A/3A
2	221	481+90	21 RT	2	2A/3A
2	233	483+68	14 RT	2	2A/3A
3	235	483+96	11 RT	1	2A/3A
SUBTOTAL				12 S.Y.	
TOTAL				203 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF SPALL REPAIR AREAS.
** PROVIDED FOR INFORMATIONAL PURPOSES ONLY.



LEGEND

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- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
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- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

0 50 100
SCALE IN FEET

NOTES

1. INSTALL PAVEMENT MARKINGS IN PRE-EXISTING LOCATIONS (INCLUDING ALL BRIDGES WITHIN PROJECT LIMITS). SEE SPECIAL PROVISION "REFERENCING EXISTING PAVEMENT MARKINGS".
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:21:48 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 21A012		
CONTRACT NO.		LOCATION NO.

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 13
PLAN REF NO P19
SHEET 87 OF 240 SHEETS

REPLACE CEMENT CONCRETE PANEL (FULL) *

LANE NO.	PANEL NO.(S)	STA. TO STA. (LRC)	OFFSET	AREA (S.Y.)	SUGGEST TRAFFIC CONTROL
2	235	484+03	18 RT	20	2A/3A
3	238 - 239	484+46 - 484+61	6 RT	39	2A/3A
3	242 - 243	485+06 - 485+21	6 RT	41	2A/3A
3	253	486+69	7 RT	21	2A/3A
SUBTOTAL (6 FULL PANELS)				121 S.Y.	
TOTAL (81 FULL PANELS)				1,617 S.Y.	
TOTAL (FULL & PARTIAL PANELS)				1,911 S.Y.	

* ALL CALLOUTS ARE TO CENTER OF FULL PANELS.

NOTES

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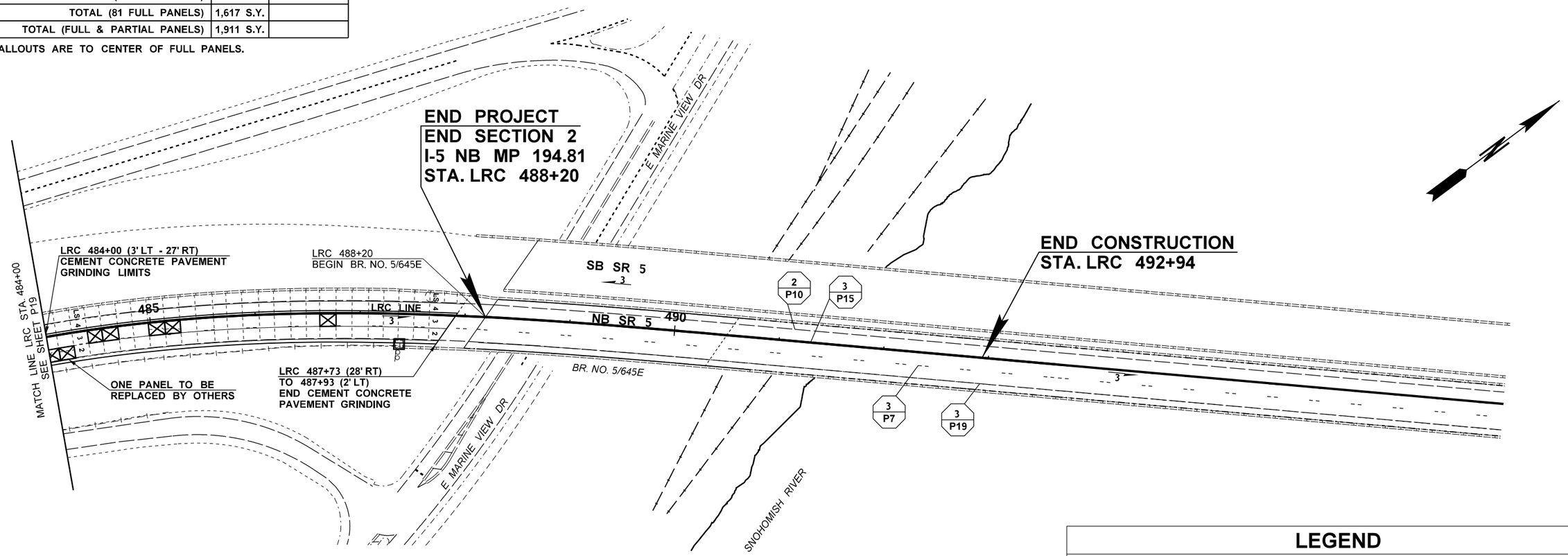
2. FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING SCHEDULE, SEE SHEET PMD2.
3. FOR EXPANSION JOINTS REHABILITATION ON BRIDGES 5/631E, 5/635E, 5/636E AND 5/638E, SEE BRIDGE PLANS.



0 50 100
SCALE IN FEET

LEGEND

- EXIST. PAVEMENT MARKINGS
- EXIST. PAVED SHOULDER
- EXIST. RUMBLE STRIP
- EXIST. GUARDRAIL
- EXIST. CONC. BARRIER
- EXIST. WALL
- EXIST. BRIDGE
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- REPLACE CEMENT CONCRETE PANEL (PARTIAL)
- PARTIAL SPALL DEPTH REPAIR
- CEMENT CONCRETE PAVEMENT GRINDING LIMITS

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_PS_PV.dgn
TIME	9:22:10 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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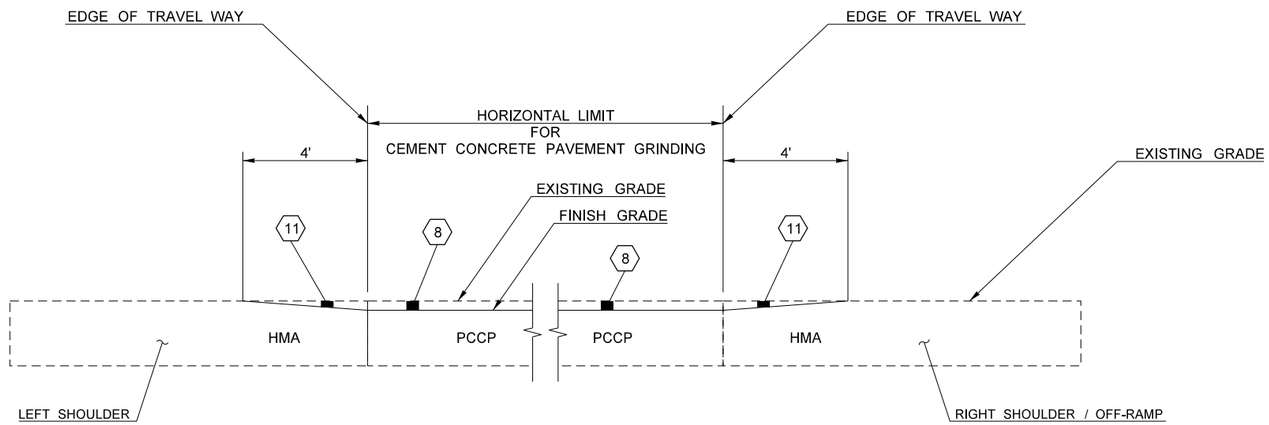
Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION PLAN

Plot 14
PLAN REF NO P20
SHEET 88 OF 240 SHEETS



GRINDING DETAILS
CEMENT CONCRETE PAVEMENT GRINDING
PLANING BITUMINOUS PAVEMENT

N.T.S.

LEGEND

8 CEMENT CONCRETE PAVEMENT GRINDING

11 PLANING BITUMINOUS PAVEMENT

SECTION 1

FILE NAME	T:\412348\XL6152 - I 90 Pave Rep\CAD\ContractPlans\XL6152_PS_25_PRD.dgn						
TIME	6:17:51 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/16/2021						
PLOTTED BY	leec				JOB NUMBER 21A012		
DESIGNED BY	C. LEE						
ENTERED BY	C. LEE						
CHECKED BY	C. ANDERSON				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

SEE SHEET CT1
DATE
P.E. STAMP BOX

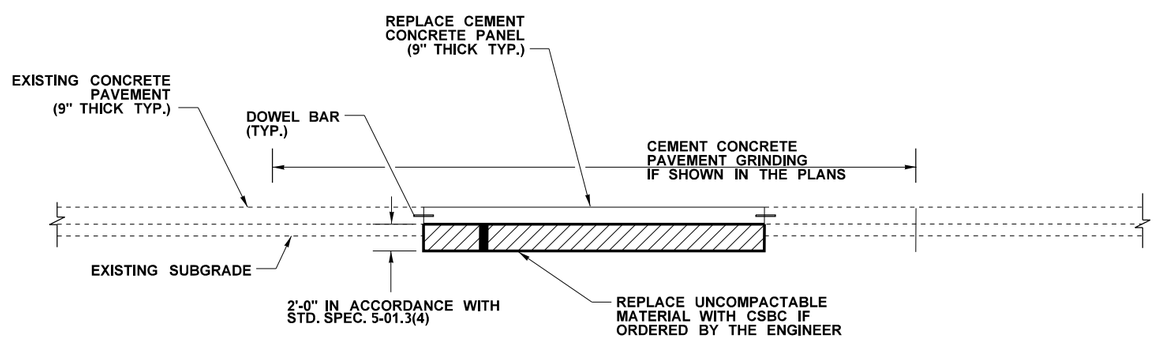
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION DETAILS

Plot 2
PLAN REF NO
PRD1
SHEET 89 OF 240 SHEETS



REPLACE CEMENT CONCRETE PANEL WITH SUBGRADE REPAIR

NOTES:

1. THESE DETAILS ARE NOT TO SCALE.
2. NO DOWEL BARS TO BE INSTALLED AT BRIDGE APPROACH SLABS.
3. IF REQUIRED BY THE ENGINEER, POLYETHYLENE FILM SHALL BE PLACED BETWEEN THE BOTTOM OF THE SLAB AND THE CSBC PRIOR TO PLACING CONCRETE. SEE STD. PLANS A-60.10 FOR ADDITIONAL NOTES OR DETAILS.
4. SEE WSDOT STANDARD SPECIFICATIONS 5-01.3(4) FOR ADDITIONAL DETAILS.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_DE_PRD.dgn						
TIME	9:25:14 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/22/2021						
PLOTTED BY	haukapa						
DESIGNED BY	B. KOSA				JOB NUMBER 21A012		
ENTERED BY	B. KOSA						
CHECKED BY	L. CLAYWELL				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

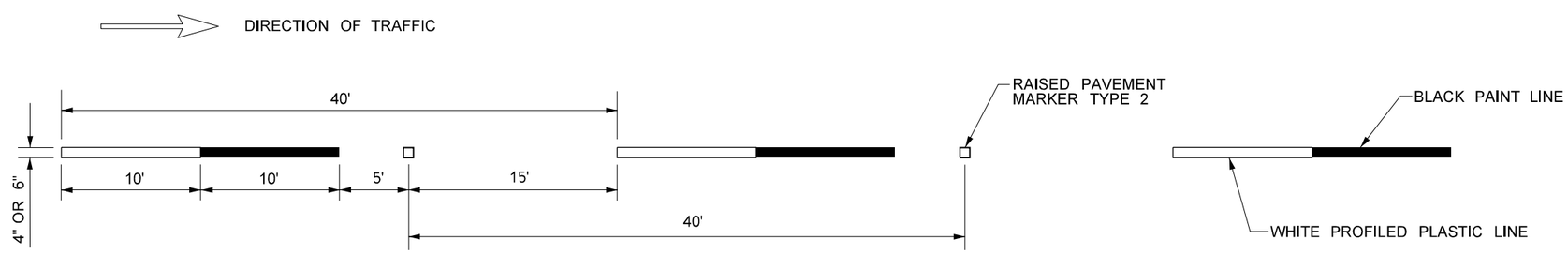
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PANEL REHABILITATION DETAILS

Plot 1

PLAN REF NO PRD2

SHEET 90 OF 240 SHEETS



PAVEMENT MARKING DETAIL A

LONGITUDINAL LANE LINE SUPPLEMENTED
WITH BLACK CONTRAST PAINT LINE WITH GLASS BEADS

NOT TO SCALE

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_DE_PMD.dgn						
TIME	9:32:03 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/22/2021						
PLOTTED BY	haukapa				JOB NUMBER 21A012		
DESIGNED BY	B. KOSA						
ENTERED BY	B. KOSA						
CHECKED BY	L. CLAYWELL				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	A. EMERSON						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

ADAM A. EMERSON — STATE OF WASHINGTON — 55567 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

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Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVEMENT MARKING DETAILS

Plot 1

PLAN REF NO PMD1

SHEET 91 OF 240 SHEETS

INLET PROTECTION & PLASTIC DRAINAGE MARKING SCHEDULE

ROUTE NO.	SHEET REF.	STRUCTURE	STATION (LRC)	OFFSET	INLET PROTECTION (EACH)	PLASTIC DRAINAGE MARKING (EACH)
I-5 NB	P1	GRATE INLET	313+54	19 LT	1	
		GRATE INLET	314+56	55 RT	1	
		GRATE INLET	315+10	19 LT	1	
		GRATE INLET	317+14	19 LT	1	1
		CATCH BASIN	317+59	21 LT	1	1
		CATCH BASIN	317+66	21 LT	1	1
	P2	CATCH BASIN	327+65	57 RT	1	1
		CATCH BASIN	328+27	57 RT	1	1
		CATCH BASIN	329+23	22 LT	1	1
		CATCH BASIN	330+51	57 RT	1	1
		GRATE INLET	330+64	29 LT	1	1
		GRATE INLET	330+76	19 LT	1	1
		CATCH BASIN	333+03	57 RT	1	1
		CATCH BASIN	333+70	25 LT	1	1
		CATCH BASIN	335+68	21 LT	1	1
		CATCH BASIN	336+04	64 RT	1	1
		CATCH BASIN	338+24	21 LT	1	1
		GRATE INLET	338+25	27 LT	1	1
		CATCH BASIN	339+03	77 RT	1	
		CATCH BASIN	340+53	81 RT	1	
	P3	CATCH BASIN	341+22	19 LT	1	1
		CATCH BASIN	341+98	85 RT	1	
		CATCH BASIN	344+25	21 LT	1	1
		GRATE INLET	345+04	89 RT	1	
		GRATE INLET	346+90	20 LT	1	1
		CATCH BASIN	348+05	45 RT	1	1
		GRATE INLET	348+06	87 RT	1	
		CATCH BASIN	349+24	29 LT	1	1
		CATCH BASIN	349+94	45 RT	1	1
		CATCH BASIN	350+89	33 LT	1	
		CATCH BASIN	352+26	45 RT	1	1
		CATCH BASIN	352+85	42 LT	1	
		CATCH BASIN	353+50	45 RT	1	1
		CATCH BASIN	354+85	52 LT	1	
	P4	CATCH BASIN	356+51	45 RT	1	1
		CATCH BASIN	357+48	21 LT	1	1
		CATCH BASIN	358+59	20 LT	1	1
		CATCH BASIN	359+50	45 RT	1	1
		CATCH BASIN	361+59	20 LT	1	1
		CATCH BASIN	362+51	45 RT	1	1
		CATCH BASIN	365+50	45 RT	1	1
		CATCH BASIN	367+29	45 RT	1	1
		CATCH BASIN	367+74	16 LT	1	1
				SUBTOTAL	43	32

ROUTE NO.	SHEET REF.	STRUCTURE	STATION (LRC)	OFFSET	INLET PROTECTION (EACH)	PLASTIC DRAINAGE MARKING (EACH)
I-5 NB	P5	CATCH BASIN	369+05	45 RT	1	1
		CATCH BASIN	370+45	19 LT	1	1
		CATCH BASIN	372+06	44 RT	1	1
		CATCH BASIN	372+06	52 RT	1	1
		CATCH BASIN	373+52	45 RT	1	1
		CATCH BASIN	374+53	17 LT	1	1
		CATCH BASIN	376+52	45 RT	1	1
		GRATE INLET	378+06	43 RT	1	1
		GRATE INLET	379+67	43 RT	1	1
		GRATE INLET	379+67	58 RT	1	1
	P6	GRATE INLET	385+21	44 RT	1	1
		CATCH BASIN	389+46	57 RT	1	1
		CATCH BASIN	390+75	57 RT	1	1
		CATCH BASIN	391+57	57 RT	1	1
		CATCH BASIN	393+61	57 RT	1	1
		CATCH BASIN	394+78	57 RT	1	1
	P7	GRATE INLET	396+28	60 RT	1	1
		GRATE INLET	396+74	57 RT	1	1
	P8	GRATE INLET	409+11	20 LT	1	1
		CATCH BASIN	412+15	21 LT	1	1
		GRATE INLET	415+67	20 LT	1	1
		CATCH BASIN	417+28	21 LT	1	1
		CATCH BASIN	417+54	21 LT	1	1
		CATCH BASIN	417+67	21 LT	1	1
		CATCH BASIN	420+20	21 LT	1	1
	P9	GRATE INLET	421+86	56 RT	1	1
		CATCH BASIN	423+22	20 LT	1	1
		GRATE INLET	423+53	56 RT	1	1
		GRATE INLET	424+57	55 RT	1	1
		CATCH BASIN	425+63	57 RT	1	1
		CATCH BASIN	427+60	21 LT	1	1
		GRATE INLET	427+76	57 RT	1	
		CATCH BASIN	430+71	44 RT	1	1
		CATCH BASIN	430+72	76 RT	1	
		CATCH BASIN	430+76	76 RT	1	
		CATCH BASIN	430+86	76 RT	1	
		CATCH BASIN	430+97	76 RT	1	
		CATCH BASIN	433+19	48 RT	1	1
		CATCH BASIN	433+30	48 RT	1	1
		CATCH BASIN	433+77	45 RT	1	1
		CATCH BASIN	433+92	45 RT	1	1
				SUBTOTAL	41	36

ROUTE NO.	SHEET REF.	STRUCTURE	STATION (LRC)	OFFSET	INLET PROTECTION (EACH)	PLASTIC DRAINAGE MARKING (EACH)
I-5 NB	P10	CATCH BASIN	437+09	45 RT	1	1
		GRATE INLET	444+84	21 LT	1	1
		GRATE INLET	446+76	44 RT	1	1
	P11	GRATE INLET	447+05	44 RT	1	1
		CATCH BASIN	448+41	21 LT	1	1
		GRATE INLET	449+05	44 RT	1	1
		CATCH BASIN	449+91	21 LT	1	1
		GRATE INLET	450+70	45 RT	1	1
		CATCH BASIN	451+40	45 RT	1	1
		CATCH BASIN	451+50	45 RT	1	1
		CATCH BASIN	451+60	45 RT	1	1
		CATCH BASIN	452+35	21 LT	1	1
		CATCH BASIN	452+59	21 LT	1	1
		CATCH BASIN	452+80	21 LT	1	1
		GRATE INLET	453+46	19 LT	1	1
		CATCH BASIN	454+45	21 LT	1	1
		GRATE INLET	454+94	20 LT	1	1
		CATCH BASIN	457+74	21 LT	1	1
	P12	CATCH BASIN	459+86	21 LT	1	1
		CATCH BASIN	463+19	21 LT	1	1
		CATCH BASIN	466+23	21 LT	1	1
		CATCH BASIN	467+54	54 RT	1	1
		CATCH BASIN	468+40	20 LT	1	1
		CATCH BASIN	468+46	52 RT	1	1
		GRATE INLET	470+01	44 RT	1	1
		CATCH BASIN	470+17	23 LT	1	1
		GRATE INLET	470+20	44 RT	1	1
		GRATE INLET	470+20	56 RT	1	1
		CATCH BASIN	471+26	45 RT	1	1
		CATCH BASIN	471+26	56 RT	1	1
	P13	GRATE INLET	474+25	45 RT	1	
		CATCH BASIN	477+24	60 RT	1	
		CATCH BASIN	479+45	36 RT	1	1
		CATCH BASIN	480+26	34 RT	1	1
		CATCH BASIN	481+99	33 RT	1	1
		CATCH BASIN	483+17	33 RT	1	1
	P14	CATCH BASIN	487+38	29 RT	1	1
				SUBTOTAL	37	35

INLET PROTECTION PROJECT TOTAL = 121 EACH

*** PLASTIC DRAINAGE MARKING PROJECT TOTAL = 103 EACH**

* THIS QUANTITY IS ALSO INCLUDED IN ITEM "REMOVING PLASTIC TRAFFIC MARKING, PER EACH. SEE QUANTITY TABULATION SHEETS FOR ADDITIONAL QUANTITES.

*SEE SHEETS P7-P20 FOR INLET PROTECTION AND PLASTIC DRAINAGE MARKING

NOTES
1. FOR INLET PROTECTION, SEE STD. PLAN I-40.20.
2. FOR DRAINAGE MARKING, SEE STD. PLAN M-24.60.

SECTION 2

FILE NAME	T:\412350\XL6261_I-5_NB Lowell Rd to Snohomish River_PCCP & Expansion Joint Rehab\CAD Files\PS&E\XL6261_DE_PMD.dgn
TIME	9:32:33 AM
DATE	11/22/2021
PLOTTED BY	haukapa
DESIGNED BY	B. KOSA
ENTERED BY	B. KOSA
CHECKED BY	L. CLAYWELL
PROJ. ENGR.	A. EMERSON
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

ADAM A. EMERSON, STATE OF WASHINGTON, 55567, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

PAVEMENT MARKING DETAILS

Plot 2

PLAN REF NO PMD2

SHEET 92 OF 240 SHEETS

CONSTRUCTION NOTES:

1. INSTALL PAIR OF PREFORMED TYPE R1S LOOP VEHICLE DETECTORS WITH THE REQUIRED NUMBER OF TURNS IN ACCORDANCE WITH SHEETS ITD1-2 AND THE PREFORMED LOOPS SPECIAL PROVISION. SAWCUT HOMERUN FROM LOOP TO STUB-OUT 0.125" WIDER THAN THE PREFORMED LOOP HOMERUN CABLE.
2. BREAK EXISTING LOOP SPLICES. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUB OUT. REPLACE EXISTING STUBOUT AS NECESSARY TO MEET THE REQUIREMENTS OF THE PVC CONDUIT SIZING TABLE ON SHEET ITD1. SPLICE NEW LOOP WIRES TO CORRESPONDING EXISTING 2C(S) LOOP LEAD-IN WIRES.
3. SAWCUT AND INSTALL PAIR OF TYPE R1S LOOP VEHICLE DETECTOR IN EXISTING CONCRETE PANEL. SEE ITS DETAILS ON SHEET ITD1-2.
4. ABANDON EXISTING LOOPS. CUT LOOPS IN AT LEAST TWO PLACES.
5. PULL EXISTING 2-2C(S) FOR LOOPS -MN--2 AND -MN--S2 FROM NEMA JUNCTION BOX BACK TO PULL BOX AND RESPLICE TO NEW CORRESPONDING LOOP WIRES.
6. BREAK EXISTING LOOP SPLICES. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUB OUT. REPLACE EXISTING STUBOUT AS NECESSARY TO MEET THE REQUIREMENTS OF THE PVC CONDUIT SIZING TABLE ON SHEET ITD1. SPLICE NEW LOOP WIRES TO CORRESPONDING NEW/EXISTING 2C(S) LOOP LEAD-IN WIRES.
7. PROTECT EXISTING UNDER ROAD CONDUIT CROSSING.
8. EXISTING DATA STATION CABINET. TEST LOOPS IN ACORDANCE WITH THE INDUCTIVE LOOP TESTS SPECIAL PROVISION. INSTALL LOOP DETECTORS IN ACCORDANCE WITH THE RACK MOUNT VEHICLE LOOP DETECTOR IN EXISTING CABINETS SPECIAL PROVISION.
9. REMOVE AND REPLACE EXISTING LOOP LEAD-IN CABLES.
10. SAWCUT AND INSTALL LOOP VEHICLE DETECTORS AND 6' CLASS 2 PIEZO SENSORS PER STANDARD PLAN J-50.20 AND J-50.30. ALL WORK MUST BE PERFORMED WITH A REPRESENTATIVE FROM TDMAO PRESENT DURING INSTALLATION FOR INSPECTION. NO WORK IS TO BE PERFORMED WITHOUT A MINIMUM OF ONE WEEK NOTIFICATION FOR TDMAO INSPECTOR TO BE ONSITE DURING INSTALLTION. COORDINATE NOTIFICATION THROUGH THE ENGINEER.
11. BREAK EXISTING LOOP SPLICES AND PIEZO COAX CONNECTIONS FROM EXISTING STUB OUT. SPLICE NEW LOOP WIRES AND PIEZO CABLES TO CORRESPONDING EXISTING 2C(S) LOOP LEAD-IN WIRES AND EXISTING COAX CABLES.
12. PROTECT AND MAINTAIN EXISTING ROADWAY SENSOR FOR WEATHER STATION.

GENERAL NOTES:

1. THE LOCATIONS OF FEATURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND BE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PROTECT ALL CONDUIT OPENINGS, REMOVE ALL DEBRIS, AND CLEAN ALL JUNCTION BOXES, PULL BOXES, AND CABLE VAULTS THAT HAVE WORK BEING DONE TO THEM.

LEGEND

EXISTING	NEW	
		TYPE 1 JUNCTION BOX
		TYPE 2 JUNCTION BOX
		NEMA JUNCTION BOX
PB		PULL BOX
		DATA STATION CABINET
		CCTV CABINET
T		TRANSFORMER CABINET
PTR		PERMANENT TRAFFIC RECORDER
		ROADWAY/WEATHER INFORMATION SYSTEM CABINET
		TYPE R1S INDUCTION LOOP
		CLASS 2 PIEZO SENSOR
		ROADWAY SENSOR
		CONDUIT
X		CONSTRUCTION NOTE FLAG
X		WIRE NOTE FLAG

WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
1	EX. 2"	EX. 3-2C(S)	LOOP LEAD-INS
		EX. 2-2C(S)	LOOP LEAD-INS - REMOVE
		2-2C(S)	LOOP LEAD-INS
	EX. 2"		SPARE
2	EX. 3"	EX. 9-2C(S)	LOOP LEAD-INS
		EX. 2-2C(S)	LOOP LEAD-INS - REMOVE
		2-2C(S)	LOOP LEAD-INS
	EX. 2"	EX. 2-36SMFO	DISTRIBUTION COMMS
	EX. 2"		SPARE

ABBREVIATIONS

C - CONDUCTOR
EX. - EXISTING
PLCS - PLACES
(SH) - SHIELDED
SMFO - SINGLE MODE FIBER OPTIC
TYP. - TYPICAL

KEY FOR ID NUMBERS FOR ITS DEVICES

0	9	0	X	X	#	#	#	#	#

I-90

es = ELECTRONIC SURVEILLANCE (LOOP DETECTORS)
vc = VIDEO CAMERA (CCTV)
xf = TRANSFORMER

MILEPOST, WITHOUT DECIMAL POINT

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn
TIME	2:09:46 PM
DATE	11/16/2021
PLOTTED BY	WooC
DESIGNED BY	C. WOO
ENTERED BY	C. WOO
CHECKED BY	E. HAVENS
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 21A012
CONTRACT NO. | LOCATION NO.

MICHAEL LEE FORBIS, STATE OF WASHINGTON, 32138, REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

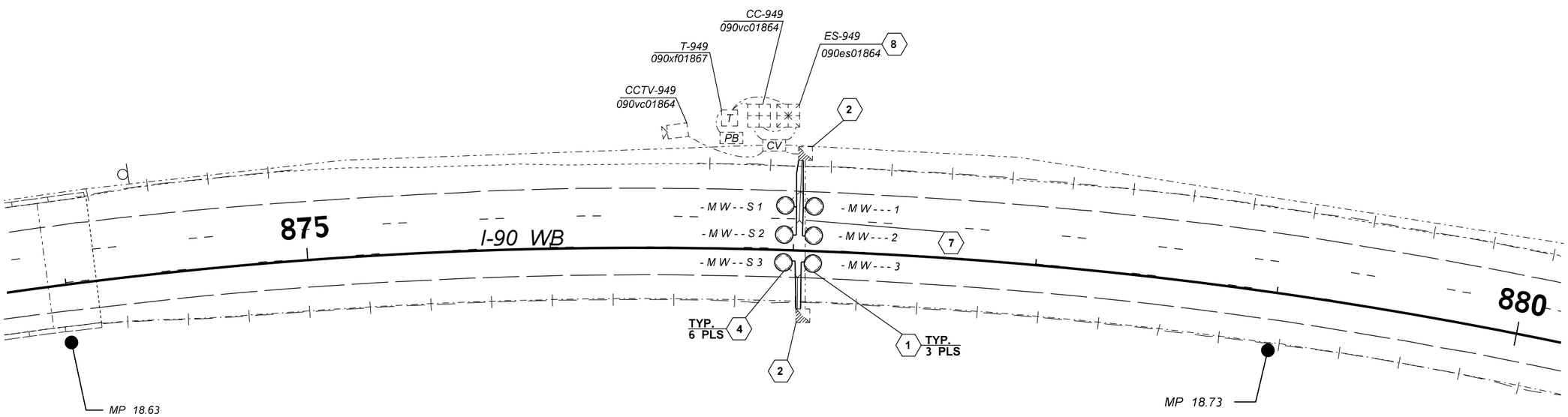
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS NOTES

Plot 1
PLAN REF NO ITN1
SHEET 93 OF 240 SHEETS



FOR CONSTRUCTION NOTES, ABBREVIATIONS AND LEGEND SEE SHEET ITN1.

0 25 50
SCALE IN FEET

SECTION 1

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	2:09:48 PM						
DATE	11/16/2021						
PLOTTED BY	WooC				JOB NUMBER 21A012		
DESIGNED BY	C. ZACHARIAS						
ENTERED BY	C. ZACHARIAS						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE FORBIS
STATE OF WASHINGTON
32138
REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

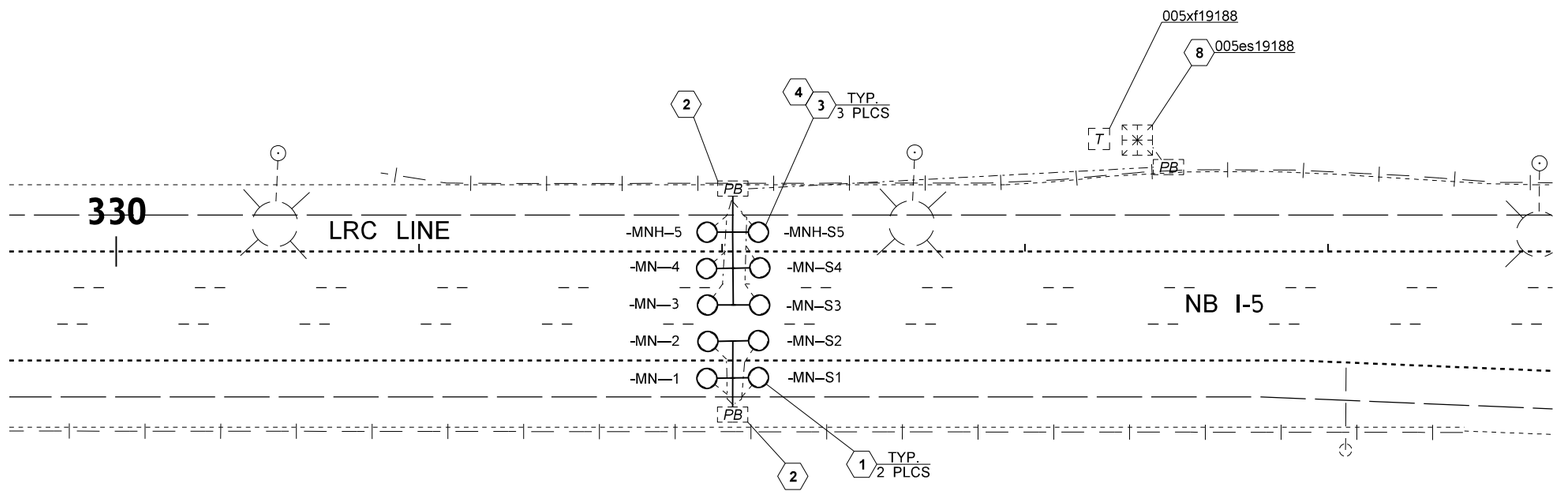
DATE
P.E. STAMP BOX

Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS PLANS

Plot 10
PLAN REF NO
IT1
SHEET 94 OF 240 SHEETS



NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

0 25 50
SCALE IN FEET

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn						
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DATE	11/16/2021						
PLOTTED BY	WooC				JOB NUMBER 21A012		
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO				CONTRACT NO.		LOCATION NO.
CHECKED BY	E. HAVENS						
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE FORBIS · STATE OF WASHINGTON · 32138 · REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

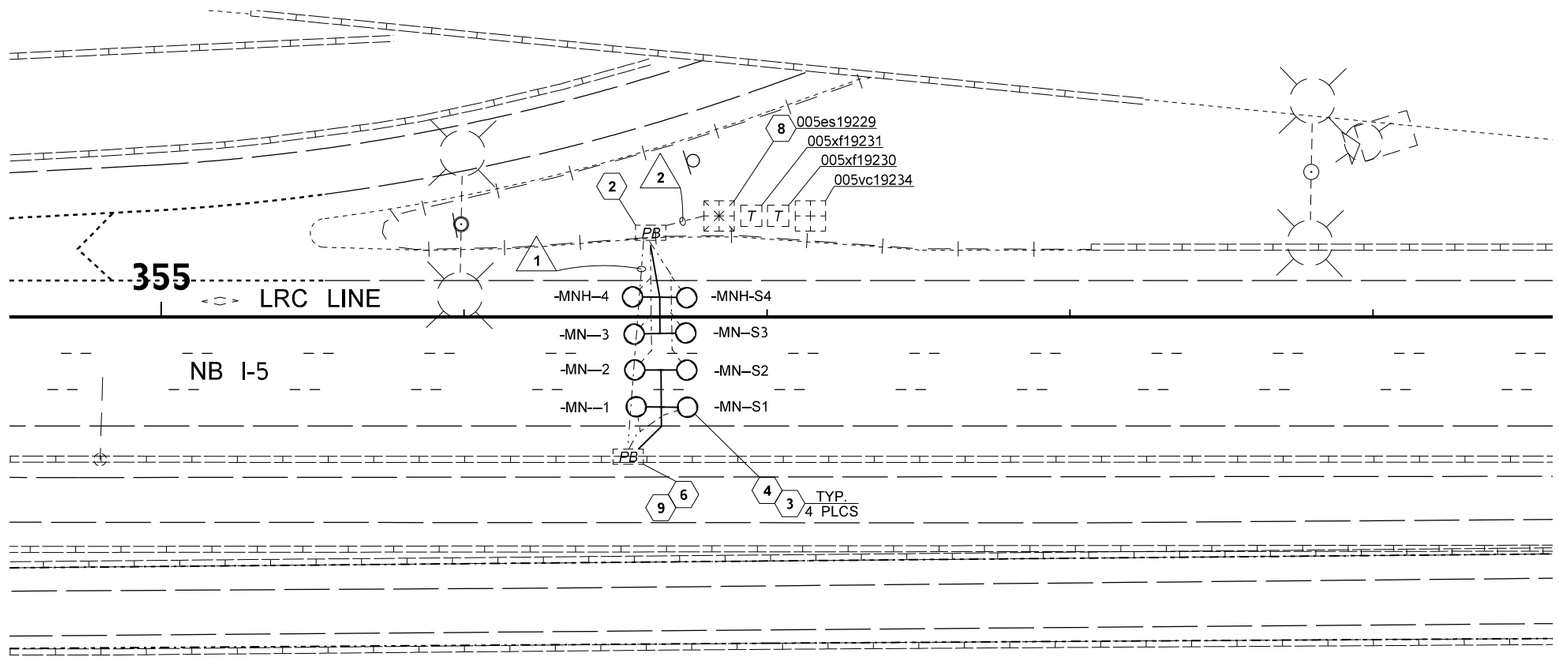
DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS PLANS

Plot 2
PLAN REF NO IT2
SHEET 95 OF 240 SHEETS



NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

0 25 50
SCALE IN FEET

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.		
TIME	2:09:50 PM				10	WASH			
DATE	11/16/2021				JOB NUMBER				
PLOTTED BY	WooC				21A012				
DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.		
ENTERED BY	C. WOO								
CHECKED BY	E. HAVENS								
PROJ. ENGR.	C. WINNINGHAM								
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY					

MICHAEL LEE FORBIS STATE OF WASHINGTON 32138 REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
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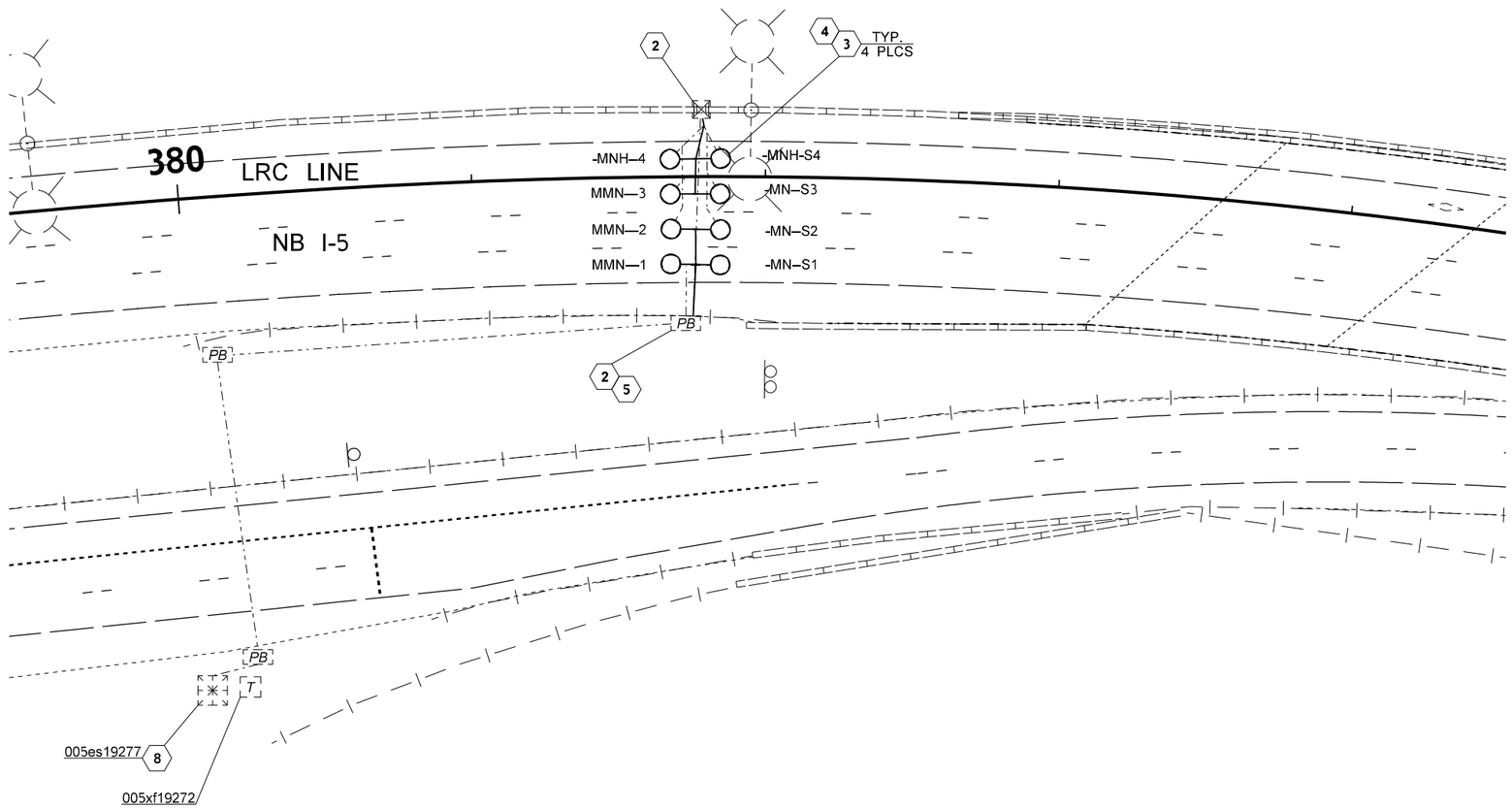
Washington State
Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS PLANS

Plot 3
PLAN REF NO
IT3
SHEET
96
OF
240
SHEETS

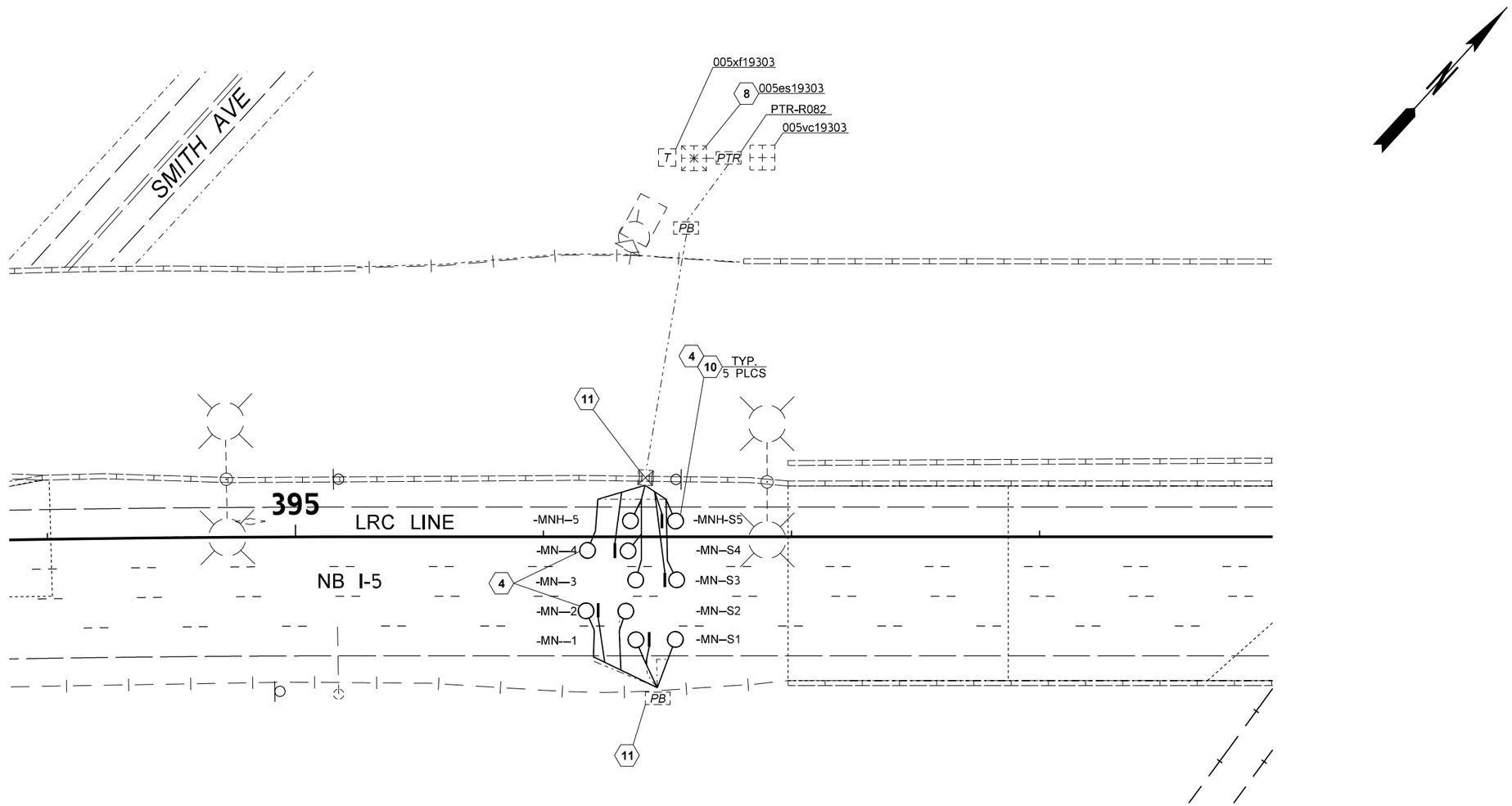


0 25 50
SCALE IN FEET

NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.			Plot 4
TIME	2:09:51 PM				10	WASH			Washington State Department of Transportation	PLAN REF NO IT4
DATE	11/16/2021				JOB NUMBER 21A012			SEE SHEET CT1 DATE P.E. STAMP BOX		I-90 & I-5 E SUNSET WAY VIC & NB LOWELL RD VIC PCCP EXP JNT REHAB & DECK OVERLAY
PLOTTED BY	WooC									SHEET 97 OF 240 SHEETS
DESIGNED BY	C. WOO									
ENTERED BY	C. WOO									
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.			ITS PLANS
PROJ. ENGR.	C. WINNINGHAM									
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				DATE P.E. STAMP BOX		



NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

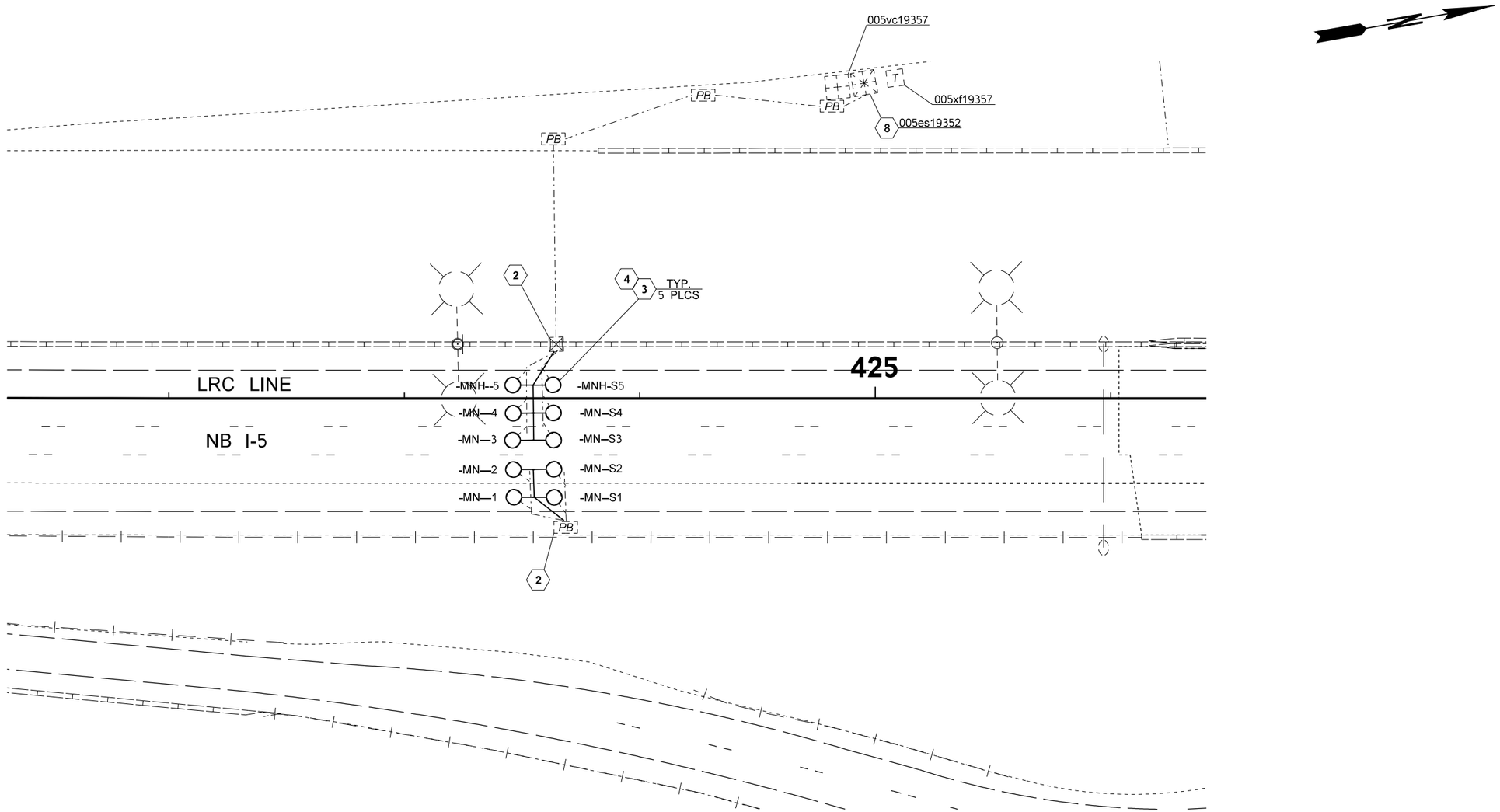
0 25 50
SCALE IN FEET

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.		Washington State Department of Transportation	I-90 & I-5 E SUNSET WAY VIC & NB LOWELL RD VIC PCCP EXP JNT REHAB & DECK OVERLAY	Plot 5
TIME	2:09:51 PM				10	WASH					PLAN REF NO IT5
DATE	11/16/2021				JOB NUMBER 21A012						
PLOTTED BY	WooC										
DESIGNED BY	C. WOO										
ENTERED BY	C. WOO										
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.				
PROJ. ENGR.	C. WINNINGHAM										
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY						ITS PLANS	SHEET 98 OF 240 SHEETS

MICHAEL LEE FORBIS · STATE OF WASHINGTON · 32138 · REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

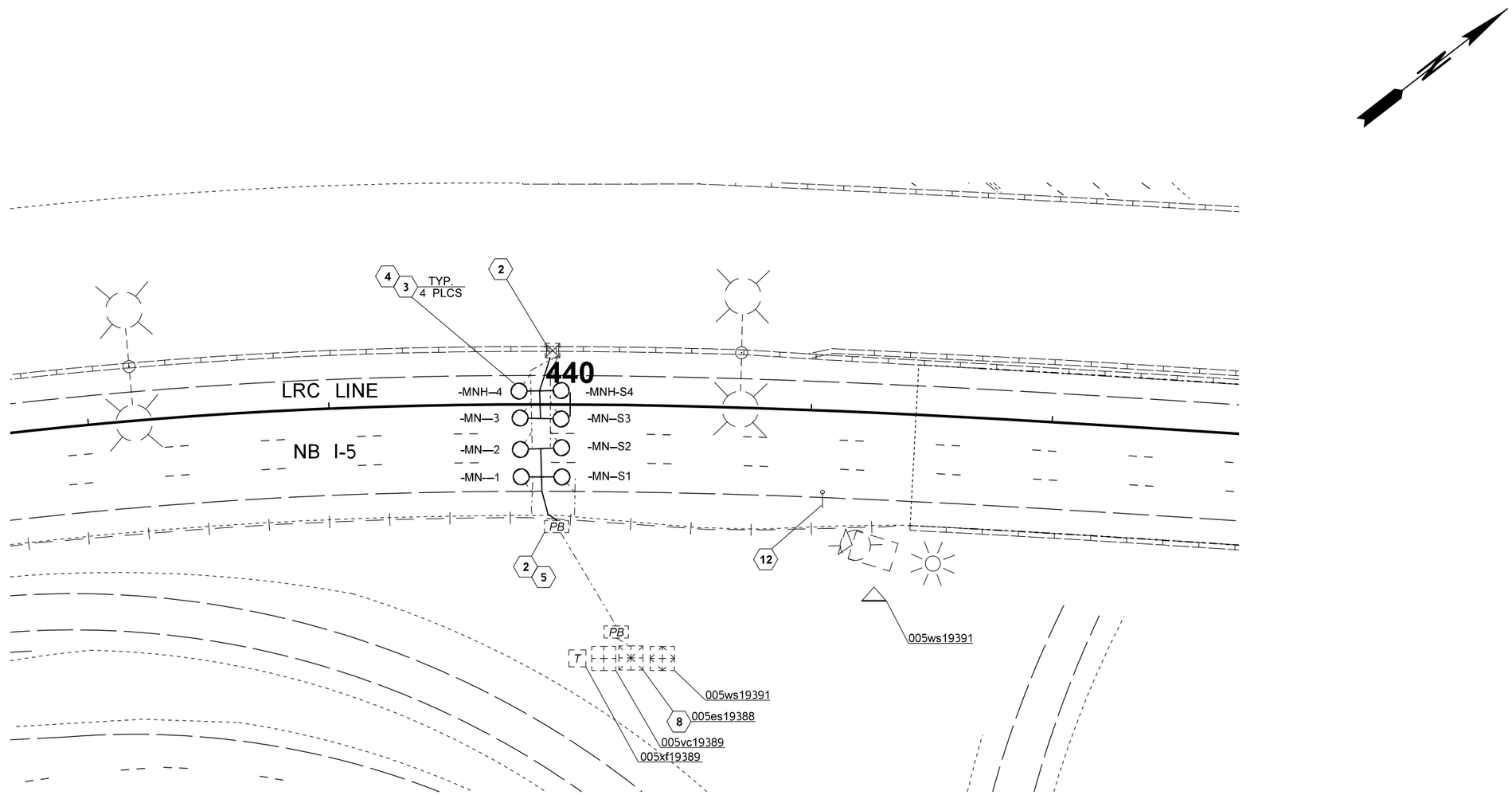


0 25 50
SCALE IN FEET

NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	SEE SHEET CT1		Washington State Department of Transportation	I-90 & I-5 E SUNSET WAY VIC & NB LOWELL RD VIC PCCP EXP JNT REHAB & DECK OVERLAY	Plot 6
TIME	2:09:52 PM				10	WASH		DATE	DATE			PLAN REF NO IT6
DATE	11/16/2021				JOB NUMBER 21A012							SHEET 99 OF 240 SHEETS
PLOTTED BY	WooC				CONTRACT NO.		LOCATION NO.	P.E. STAMP BOX	P.E. STAMP BOX		ITS PLANS	
DESIGNED BY	C. WOO											
ENTERED BY	C. WOO											
CHECKED BY	E. HAVENS											
PROJ. ENGR.	C. WINNINGHAM											
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY								



0 25 50
SCALE IN FEET

NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

SECTION 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn						
TIME	2:09:53 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	11/16/2021						
PLOTTED BY	WooC				JOB NUMBER 21A012		
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE FORBIS · STATE OF WASHINGTON · 32138 · REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
P.E. STAMP BOX

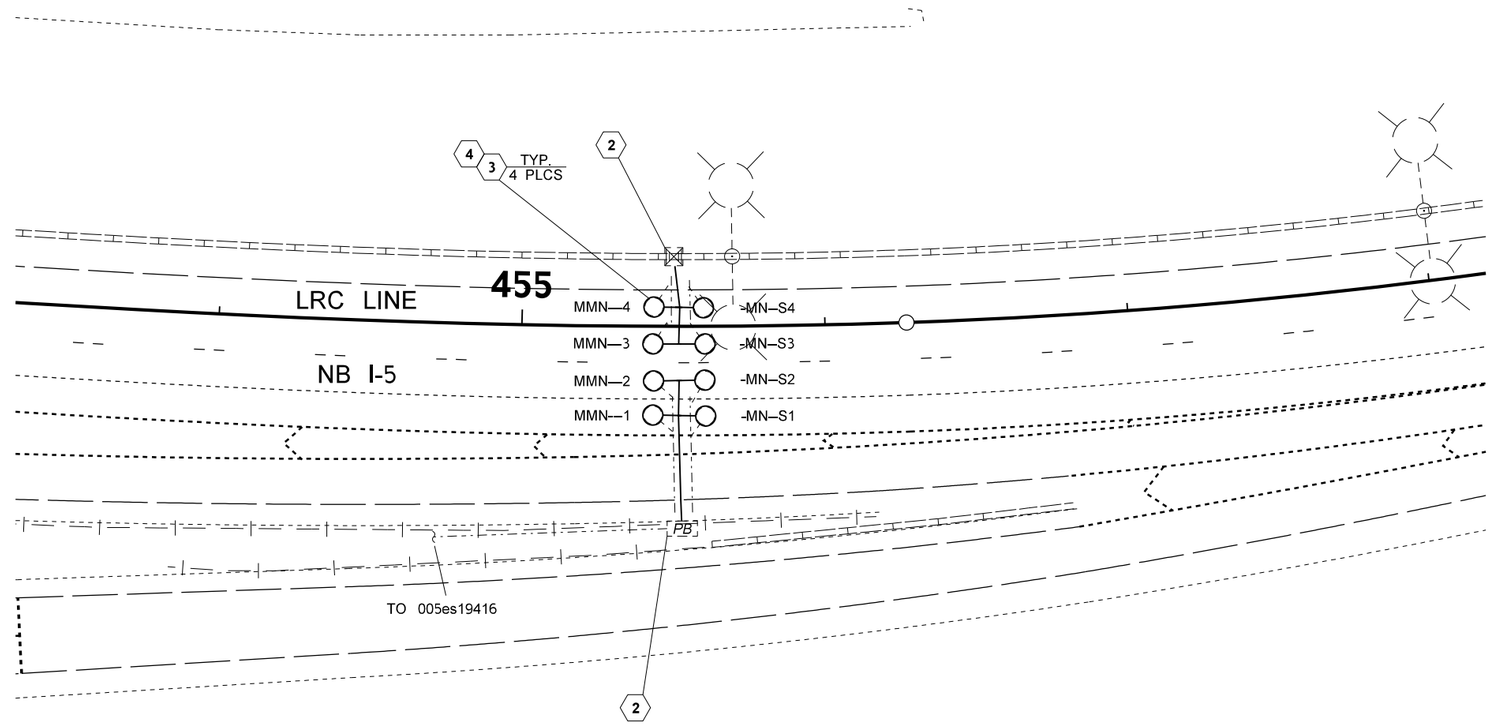
DATE
P.E. STAMP BOX

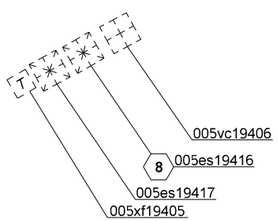
Washington State Department of Transportation

I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS PLANS

Plot 7
PLAN REF NO IT7
SHEET 100 OF 240 SHEETS





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SCALE IN FEET

NOTE: FOR CONSTRUCTION NOTES, GENERAL NOTES, AND LEGEND SEE SHEET ITN1.

SECTION 2

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DATE	11/16/2021						
PLOTTED BY	WooC						
DESIGNED BY	C. WOO				JOB NUMBER 21A012		
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	C. WINNINGHAM						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE FORBIS — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER
Michael Forbis
SEE SHEET CT1
DATE
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DATE
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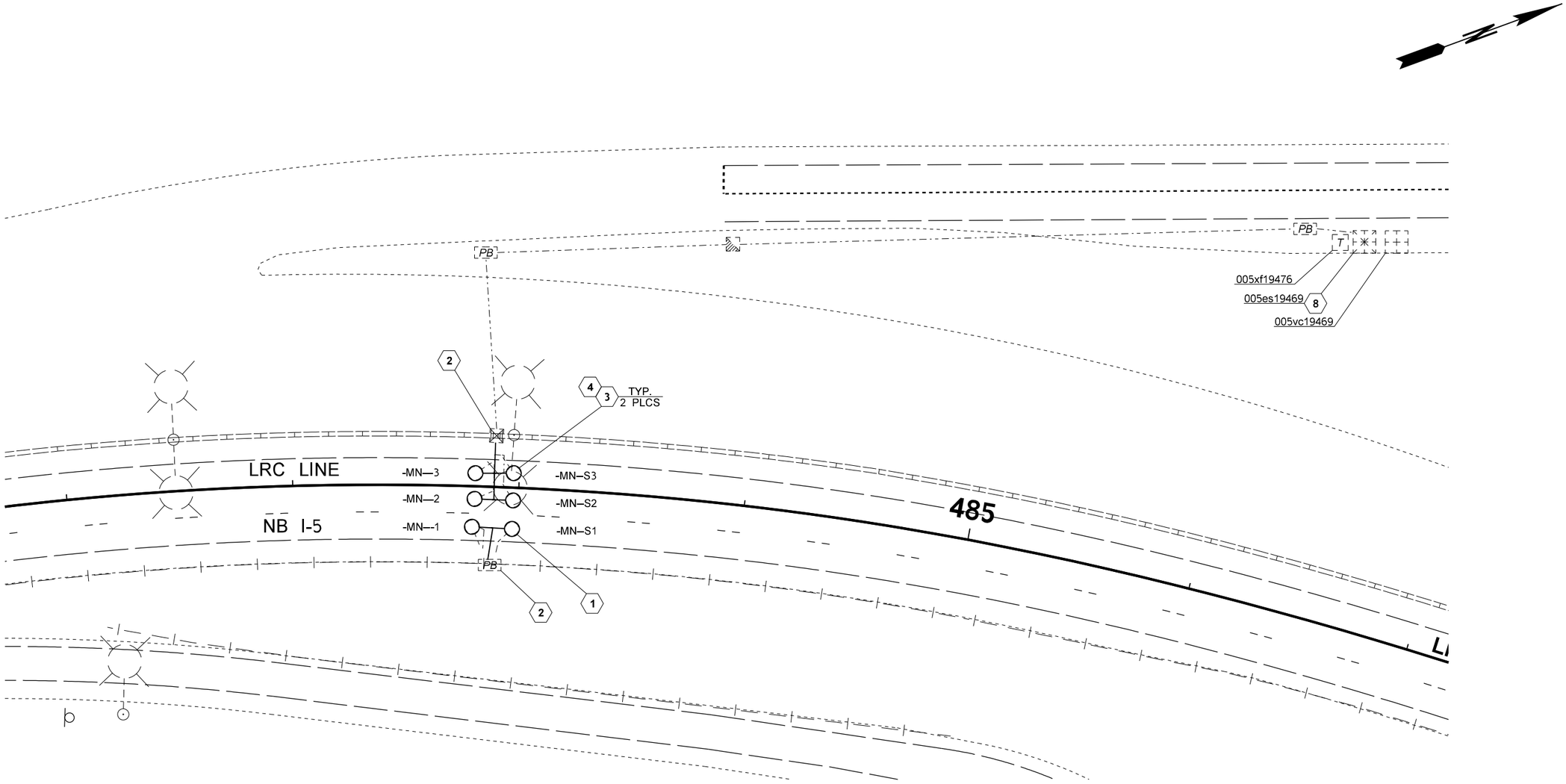
I-90 & I-5
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS PLANS

Plot 8
PLAN REF NO IT8
SHEET 101 OF 240 SHEETS



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SECTION 2

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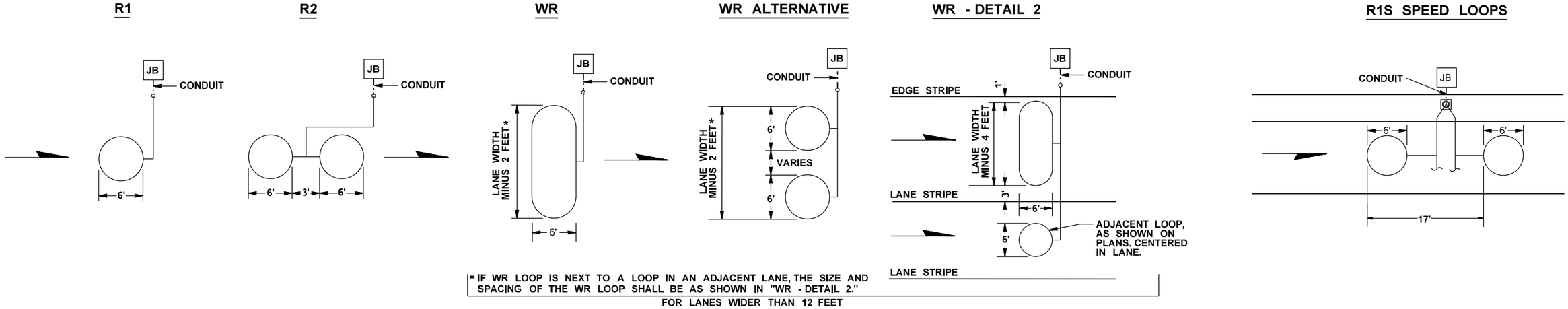
ITS PLANS

Plot 9
PLAN REF NO IT9
SHEET 102 OF 240 SHEETS



* IF WR LOOP IS NEXT TO A LOOP IN AN ADJACENT LANE, THE SIZE AND SPACING OF THE WR LOOP SHALL BE AS SHOWN IN "WR - DETAIL 2." FOR LANES WIDER THAN 12 FEET

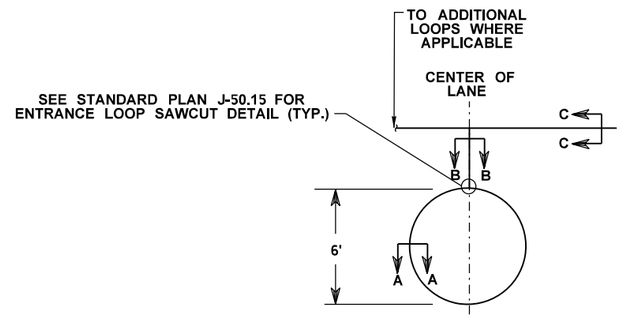
ITS STUB-OUT CONDUIT SIZE WITH 51-7 LOOP WIRE

LOOP LEAD PAIRS	1-6	7-12
CONDUIT SIZE (MIN.)	2	2-2

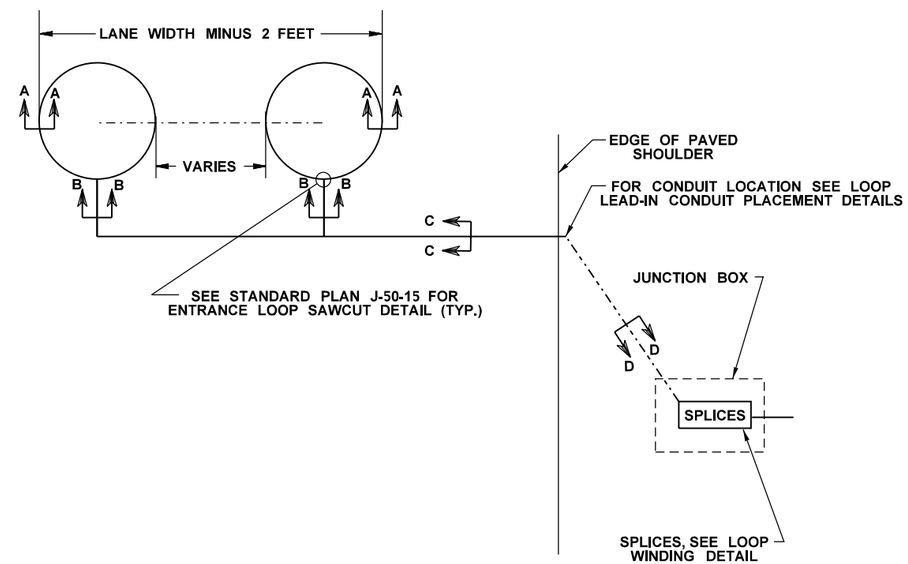
TABLE A

LOOP INSTALLATION NOTES

1. SEE STANDARD PLANS J-50.13 AND J-50.15 FOR ADDITIONAL LOOP DETAILS AND NOTES.
2. COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE STANDARD SPECIFICATION 8-20.3(14)D.
3. SEE SPECIAL PROVISIONS FOR SEALANT TO ENCAPSULATE CONDUCTORS.
4. SEE SPECIAL PROVISIONS FOR 51-7 LOOP WIRE - #14 AWG.
5. SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO NEW OR EXISTING SHIELDED CABLE.
6. SEAL ENDS OF CONDUIT WITH FOAM.
7. IMSA WIRE END SHALL BE SEALED PRIOR TO USE OF RUBBER TAPE OR DUCT SEAL.
8. CABLE IDENTIFICATION SLEEVES SHALL BE VERIFIED BEFORE SPLICES ARE MADE.
9. THE NUMBER OF LOOP TURNS FOR R1, RS1, AND WR LOOPS VARY DEPENDING ON THE DISTANCE BETWEEN THE LOOPS AND THE CONTROLLER. NUMBER OF TURNS SHALL BE AS SHOWN IN THE WINDING TABLES IN THE ITS DETAIL.
10. LOOPS SHALL BE INSTALLED PRIOR THE FINAL LIFT OF HMA (ASPHALT).
11. CENTER INDUCTION LOOP VEHICLE DETECTOR BETWEEN LANE LINES.
12. JUNCTION BOXES SHALL BE SIZED AS SHOWN IN THE ITS PLAN SHEETS.



TYPE R1 AND R1S INDUCTION LOOP



MODIFIED TYPE WR INDUCTION LOOP

NOT TO SCALE

LOOP DETAILS 1 OF 2

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REGIONAL ADM.	M. COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 21A012

CONTRACT NO. | LOCATION NO.

MICHAEL LEE FORBIS STATE OF WASHINGTON 32138 REGISTERED PROFESSIONAL ENGINEER

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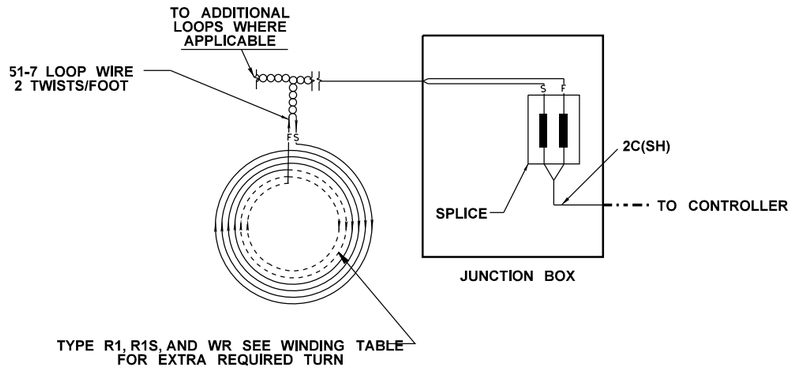
E SUNSET WAY VIC & NB LOWELL RD VIC
PCCP EXP JNT REHAB & DECK OVERLAY

ITS DETAILS

Plot 11

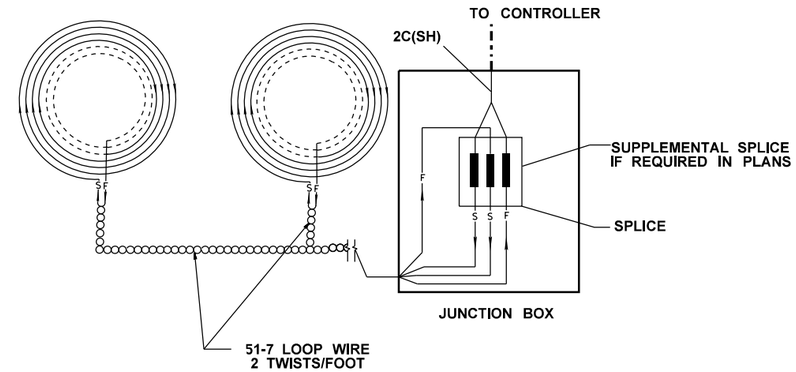
PLAN REF NO ITD1

SHEET 103 OF 240 SHEETS

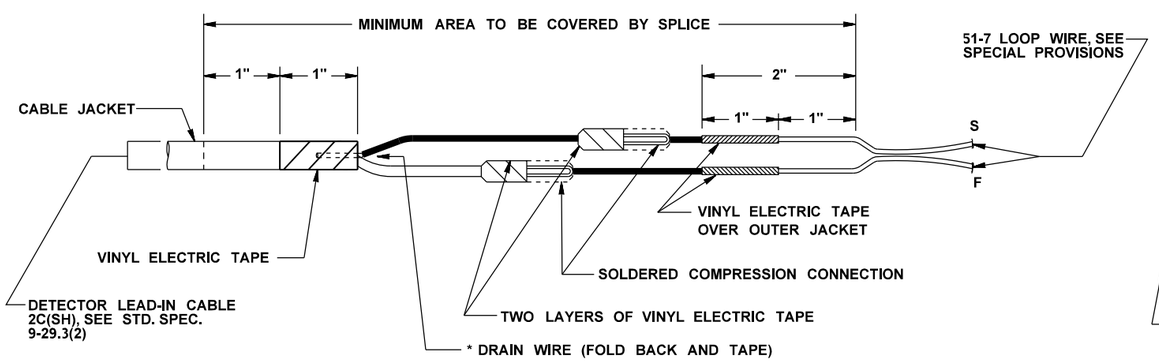


TYPE R1, R1S, AND TYPE WR INDUCTION LOOPS
LOOP WINDING DETAILS

TYPE R1, R1S, AND WR WINDING TABLE	
CONTROLLER TO LOOP DISTANCE (FT)	TURNS
0 - 400	4
401 - 600	5
601 +	6

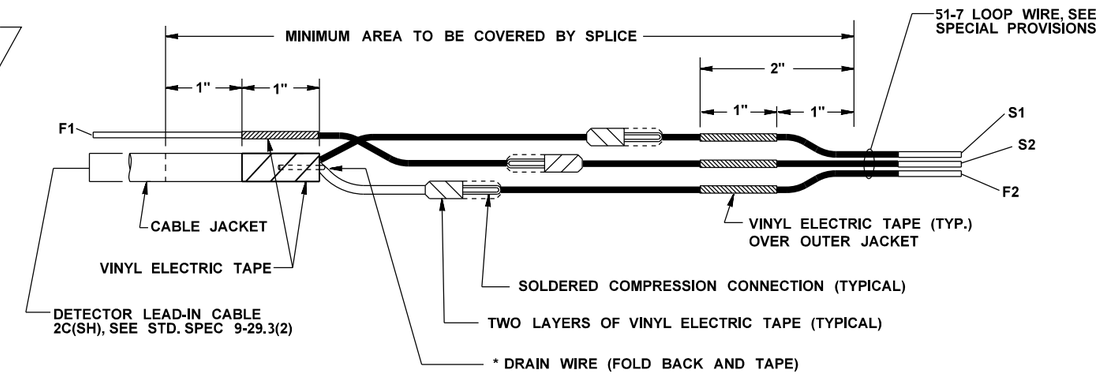


TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS
LOOP WINDING DETAIL



* GROUND DRAIN WIRE AT AMPLIFIER ONLY.
SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

TYPE R1, R1S, AND TYPE WR INDUCTION LOOPS
SPLICE DETAILS



* GROUND DRAIN WIRE AT AMPLIFIER ONLY.
SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS
SPLICE DETAIL

NOTE: SPLICE KITS SHALL BE CENTERED ON CONDUCTORS AND SUFFICIENT SLACK SHALL BE PROVIDED THAT THE SPLICE CAN BE RAISED A MINIMUM OF 18" ABOVE GROUND LINE.

NOT TO SCALE

LOOP DETAILS 2 OF 2

FILE NAME	T:\414124\ITS\SR5\XL6261 Lowell Rd to Marine View Drive PCCP Panel Replacement\CAD\XL6261_PS_ITS.dgn
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DESIGNED BY	C. WOO
ENTERED BY	C. WOO
CHECKED BY	E. HAVENS
PROJ. ENGR.	C. WINNINGHAM
REGIONAL ADM.	M. COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
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CONTRACT NO.		LOCATION NO.

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ITS DETAILS

Plot 12

PLAN REF NO ITD2

SHEET 104 OF 240 SHEETS