PROJECT LICENSED PROFESSIONAL CERTIFICATES

Karen Boone Apr 21, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Bijan Khaleghi Apr 21, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	Michael Rosa Apr 21, 2022 AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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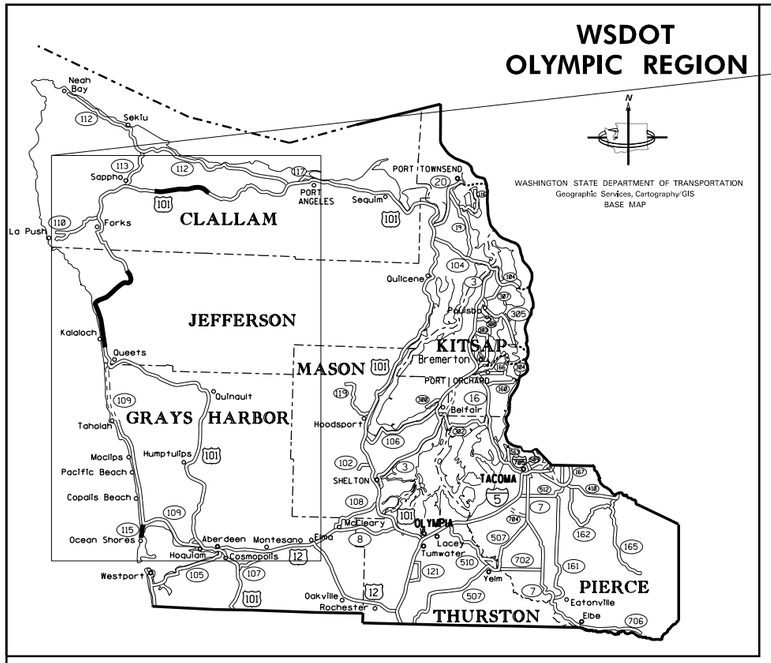
NOTES:

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.

WSDOT
OLYMPIC REGION



END F.A. NO. 0101(396)
END PROJECT
END SECTION 2
US 101 MP 219.72

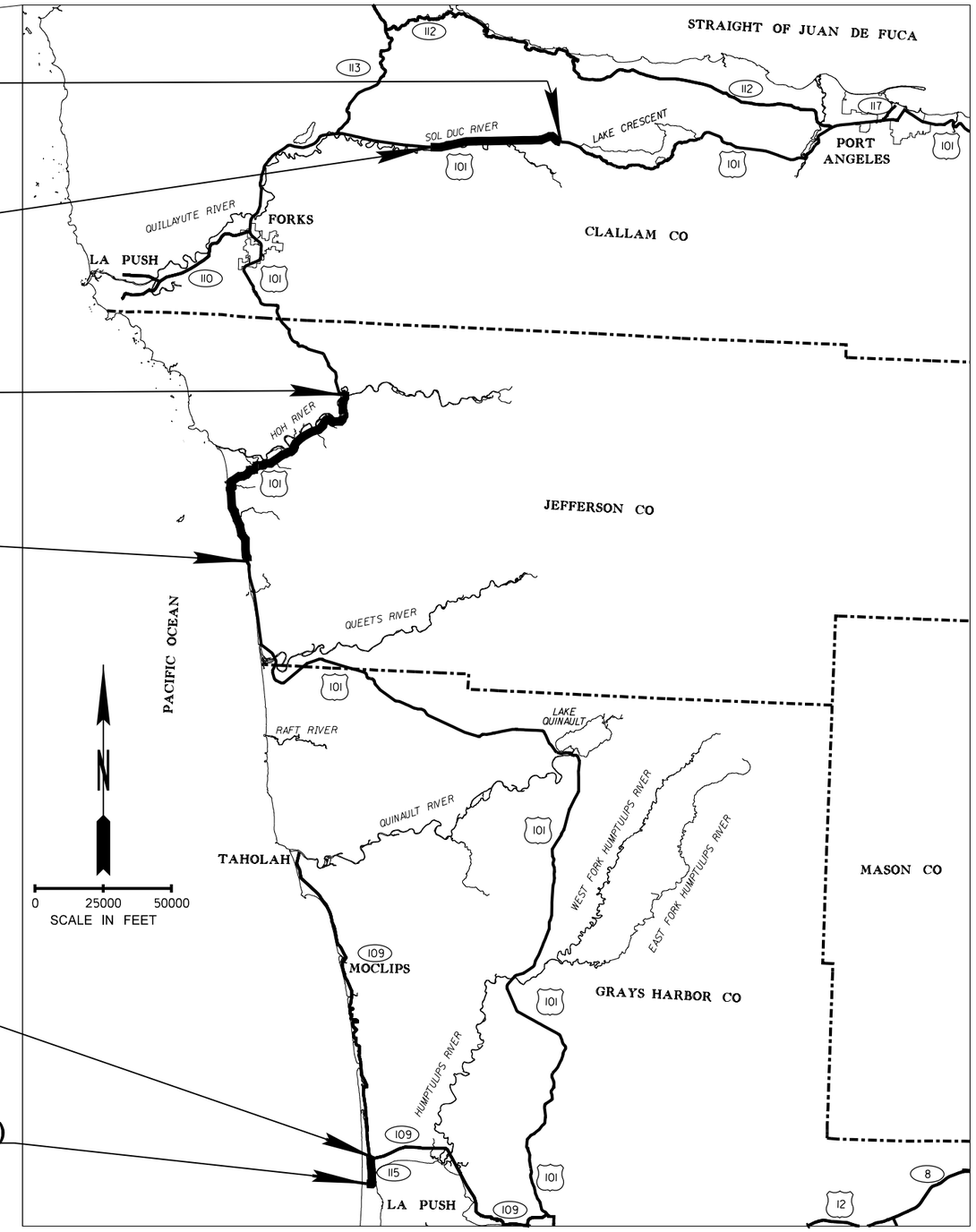
BEGIN SECTION 2
US 101 MP 210.45

END SECTION 1
US 101 MP 176.67

BEGIN SECTION 1
US 101 MP 159.40

END SECTION 3
SR 115 MP 2.28

BEGIN F.A. NO. 0101(396)
BEGIN PROJECT
BEGIN SECTION 3
SR 115 MP 0.00



INDEX

SHEET NO.	PLAN REFERENCE NO.	PLAN SERIES
0	CT1	CERTIFICATION SHEET
1	VMO1	VICINITY MAP OVERVIEW
2-3	SQ1 - SQ2	SUMMARY OF QUANTITIES
4-13	VM1-BA3	SECTION 1
14-24	VM2-BF2	SECTION 2
25-29	VM3-MS4	SECTION 3
30-41	TC1-TC12	TRAFFIC CONTROL PLAN

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\020-Vicinity\CAD\XL6453_PS_VMO1.dgn			
TIME	4:29:39 PM			
DATE	4/20/2022			
PLOTTED BY	mccanns			
DESIGNED BY	S. MCCANN			
ENTERED BY	S. MCCANN			
CHECKED BY	M. SEVERSON / S. HARDY			
PROJ. ENGR.	K. BOONE			
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	0101(396)
JOB NUMBER 22C503		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

VICINITY MAP OVERVIEW

PLAN REF NO VMO1

SHEET 1 OF 41 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 SECTION 1 US 101 MP 159.40 TO 166.80	GROUP 2 SECTION 1 US 101 MP 166.80 TO 176.67	GROUP 3 SECTION 2 US 101 MP 210.45 TO 219.21	GROUP 3 SECTION 2 US 101 BR. 101/320 & 101/322	GROUP 4 SECTION 2 US 101 BR. 101/320 & 101/322	GROUP 5 SECTION 2 US 101 MP 219.21 TO 219.72	GROUP 6 SECTION 3 SR 115 MP 0.00 TO 0.37	GROUP 7 SECTION 3 SR 115 MP 0.37 TO 2.28	GROUP 8 THIRD PARTY DAMAGE REMBURSE
						PREPARATION									
1	LUMP SUM		LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.		L.S.	L.S.	L.S.	L.S.	
2	LUMP SUM		LUMP SUM	0215	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.	L.S.	L.S.			L.S.	L.S.	L.S.	
						GRADING									
3	715.00		715.00		S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL PARTIAL DEPTH	260.00	139.00	232.00			14.00	57.00	13.00	
4	991.00		991.00		S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL FULL DEPTH	250.00	190.00	523.00					28.00	
5	4704.00		4704.00		S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL CENTERLINE			4,704.00						
6	9.00		9.00		S.Y.	PAVEMENT REPAIR EXCAVATION INCL. HAUL ABUTMENT		9.00							
						STRUCTURE									
7	15.00		15.00	4444	L.F.	EXPANSION JOINT MODIFICATION - HEADER		15.00							
8	21.50		21.50	4444	L.F.	EXPANSION JOINT MODIFICATION REPL COMP. SEAL & HEADER		21.50							
9	48.00		48.00	4444	L.F.	EXPANSION JOINT MODIFICATION REPL. STRIP SEAL & HEADER					48.00				
10	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. BR. 101/320					50.00				
11	50.00		50.00	4451	S.F.	BRIDGE DECK REPAIR BR. NO. BR. 101/322					50.00				
12	839.00		839.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. BR. 101/320					839.00				
13	921.00		921.00	4455	S.Y.	WATERPROOF MEMBRANE BR. NO. BR. 101/322					921.00				
						LIQUID ASPHALT									
14	965.00		965.00	5296	TON	EMULSIFIED ASPHALT CRS-2P	234.00	318.00	300.00			26.00	13.00	74.00	
15	27111.00		27111.00	5294	DOL	CRS-2P COST PRICE ADJUSTMENT	7,096.00	8,656.00	8,385.00			811.00	270.00	1,893.00	
16	160.00		160.00	5340	TON	ASPHALT FOR FOG SEAL	38.00	53.00	51.00			4.00	2.00	12.00	
						BITUMINOUS SURFACE TREATMENT									
17	410730.00		410730.00		S.Y.	FURNISHING AND PLACING CRUSHED SCREENINGS 1/2 TO NO. 4	100,650.00	136,930.00	129,030.00			11,590.00	4,650.00	27,880.00	
18	410730.00		410730.00		S.Y.	FURNISHING AND PLACING CRUSHED SCREENINGS NO. 4 TO 0	100,650.00	136,930.00	129,030.00			11,590.00	4,650.00	27,880.00	
19	70.00		70.00	5460	HR	ADDITIONAL BROOMING	18.00	24.00	21.00			1.00	5.00	1.00	
						HOT MIX ASPHALT									
20	5.50		5.50	5701	CM	CRACK SEALING-CM	1.80	3.70							
21	839.00		839.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK BR. 101/320					839.00				
22	921.00		921.00	5708	S.Y.	REMOVING EXISTING OVERLAY FROM BRIDGE DECK BR. 101/322					921.00				
23	263.00		263.00	5711	S.Y.	PLANING BITUMINOUS PAVEMENT		213.00		50.00					
24	140.00		140.00	5716	TON	HMA FOR PRELEVELING CL. 3/8 IN. PG 58H-22		140.00							
25	930.00		930.00	5739	TON	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	110.00	100.00	690.00			10.00	10.00	10.00	
26	280.00		280.00	5767	TON	HMA CL. 1/2 IN. PG 58H-22		20.00	10.00	250.00					
27	746.00		746.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	72.00	59.00	600.00			2.00	6.00	7.00	
28	10.00		10.00	6991	EACH	HMA CORE-BRIDGE					10.00				
29	319.00		319.00	6511	L.F.	HMA SAWCUT AND SEAL	223.00				96.00				
30	716.00		716.00	6517	L.F.	PAVED PANEL JOINT SEAL	380.00				336.00				
						EROSION CONTROL AND ROADSIDE PLANTING									
31	11.00		11.00	6471	EACH	INLET PROTECTION	3.00	7.00				1.00			
32	5000.00		5000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	1,282.50	1,715.77	1,418.20		331.02	88.39	64.12	100.00	
						TRAFFIC									
33	1459.00		1459.00	6832	EACH	FLEXIBLE GUIDE POST	392.00	601.00	271.00			30.00	34.00	131.00	

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	101	160180	**	0101(396),STATE
2	101	160100	**	0101(396),STATE
3	101	050115	**	0101(396),STATE
4	101	050115	**	0101(396),STATE
5	101	050180	**	0101(396),STATE
6	115	143905	**	0101(396),STATE
7	115	143900	**	0101(396),STATE
8	101	160180	**	STATE

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 SECTION 1 US 101 MP 159.40 TO 166.80	GROUP 2 SECTION 1 US 101 MP 166.80 TO 176.67	GROUP 3 SECTION 2 US 101 MP 210.45 TO 219.21	GROUP 3 SECTION 2 US 101 BR. 101/320 & 101/322	GROUP 4 SECTION 2 US 101 BR. 101/320 & 101/322	GROUP 5 SECTION 2 US 101 MP 219.21 TO 219.72	GROUP 6 SECTION 3 SR 115 MP 0.00 TO 0.37	GROUP 7 SECTION 3 SR 115 MP 0.37 TO 2.28	GROUP 8 THIRD PARTY DAMAGE REMBURSE
34	30.00		30.00	6830	EACH	BARRIER DELINEATOR		30.00							
35	458910.00		458910.00	6806	L.F.	PAINT LINE	117,880.00	155,920.00	139,660.00			8,630.00	5,860.00	30,960.00	
36	7810.00		7810.00	6807	L.F.	PLASTIC LINE			7,810.00						
37	2900.00		2900.00	6818	L.F.	PLASTIC WIDE LINE	160.00	660.00	460.00			520.00		1,100.00	
38	96.00		96.00	6857	S.F.	PLASTIC CROSSWALK LINE							96.00		
39	238.00		238.00	6859	L.F.	PLASTIC STOP LINE		113.00				48.00	39.00	38.00	
40	33.00		33.00	6833	EACH	PLASTIC TRAFFIC ARROW	1.00	4.00	10.00			4.00		14.00	
41	288.00		288.00	6881	EACH	PLASTIC DRAINAGE MARKING	104.00	122.00	46.00			8.00	4.00	4.00	
42	50.00		50.00	6822	L.F.	PLASTIC CROSSHATCH MARKING			50.00						
43	21.00		21.00	6875	EACH	PLASTIC JUNCTION BOX MARKING		4.00	3.00			3.00	2.00	9.00	
44	4.30		4.30	6893	MI.	CENTERLINE RUMBLE STRIP			4.30						
45	4.90		4.90	6884	HUND	RAISED PAVEMENT MARKER TYPE 2		0.30	0.20				0.40	4.00	
46	24.50		24.50	6889	HUND	RECESSED PAVEMENT MARKER	6.70	8.80	8.40			0.60			
47	20.00		20.00	6887	EACH	WHITE PLASTIC RUMBLE BAR								20.00	
48	160540.00		160540.00	6895	L.F.	TEMPORARY PAVEMENT MARKING-SHORT DURATION	39,230.00	53,010.00	51,900.00			3,200.00	1,970.00	11,230.00	
49	83.00		83.00	6902	S.F.	SIGN COVERING	5.00	20.00	47.00					11.00	
50	LUMP SUM		LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	L.S.	L.S.			L.S.	L.S.	L.S.	
51	34557.08		34557.08		DOL	TRAFFIC CONTROL FOR ADDITIONAL BROOMING	8,886.11	11,848.14	10,367.13			493.67	493.67	2,468.36	
						OTHER ITEMS									
52	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING				L.S.					
53	5000.00		5000.00	7480	DOL	ROADSIDE CLEANUP	1,282.50	1,715.77	1,418.20		331.02	100.00	88.39	64.12	
54	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE									5.00
55	-7.00		-7.00	7728	DOL	MINOR CHANGE	-1.00	-1.00	-1.00		-1.00	-1.00	-1.00	-1.00	
56	-7.00		-7.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00	-1.00	-1.00		-1.00	-1.00	-1.00	-1.00	
57	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.	L.S.	L.S.		L.S.	L.S.	L.S.	L.S.	

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	101	160180	**	0101(396),STATE
2	101	160100	**	0101(396),STATE
3	101	050115	**	0101(396),STATE
4	101	050115	**	0101(396),STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	0101(396)

JOB NUMBER 22C503/3

CONTRACT NO 000000

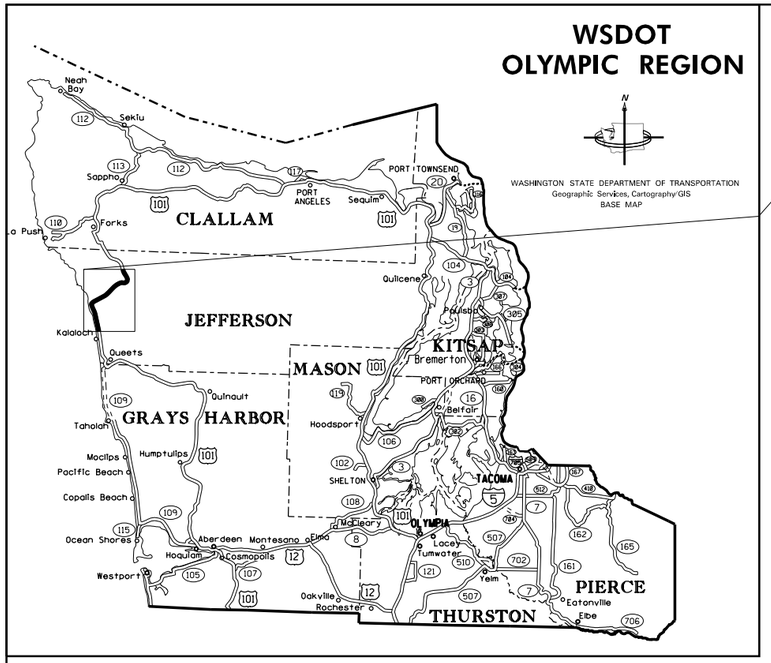
Washington State
Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

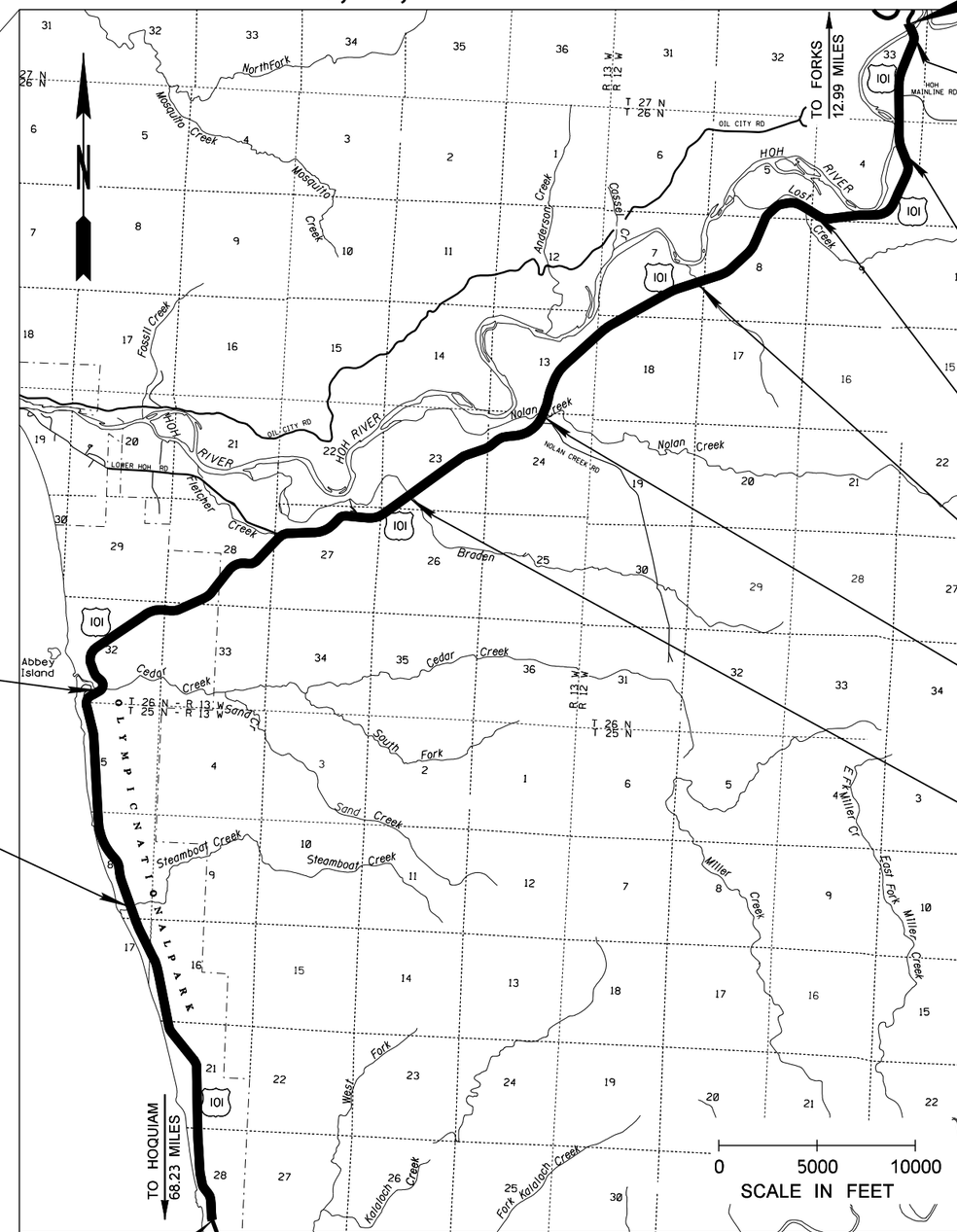
SUMMARY OF QUANTITIES

SQ2

WSDOT OLYMPIC REGION



T. 25, 26, 27N. R.12 & 13W. W.M.



END SECTION 1
US 101 MP 176.67

BRIDGE #101/217 HOH RIVER
INCLUDED IN PROJECT
PANEL JOINTS
EXPANSION JOINT REPAIR
HMA SAWCUT AND SEAL
US 101 MP 176.57 TO MP 176.66

BRIDGE #101/216.25 UN. TRIB TO HOH RIVER
INCLUDED IN PROJECT
BITUMINOUS SURFACE TREATMENT
US 101 MP 175.46

BRIDGE #101/215 LOST CREEK
INCLUDED IN PROJECT
HMA SAWCUT & SEAL
US 101 MP 173.97 TO MP 174.01

BRIDGE #101/214.25 PINS CREEK
INCLUDED IN PROJECT
BITUMINOUS SURFACE TREATMENT
US 101 MP 172.57

BRIDGE #101/214 NOLAN CREEK
INCLUDED IN PROJECT
HMA SAWCUT & SEAL
US 101 MP 170.47 TO MP 170.50

BRIDGE #101/212 BRADEN CREEK
INCLUDED IN PROJECT
BITUMINOUS SURFACE TREATMENT
HMA SAWCUT & SEAL
US 101 MP 168.91 TO MP 168.92

BRIDGE #101/210C CEDAR CREEK
INCLUDED IN PROJECT
BITUMINOUS SURFACE TREATMENT
US 101 MP 164.92 TO MP 164.93

BRIDGE #101/209 STEAMBOAT CREEK
NOT INCLUDED IN PROJECT
US 101 MP 162.53 TO MP 162.67

BEGIN SECTION 1
US 101 MP 159.40

INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
4	VM1	INDEX & VICINITY MAP/SECTION 1
5	RS1	ROADWAY SECTIONS
6	BS1	BRIDGE SECTIONS
7	PR1	PAVEMENT REPAIR
8	QT1	QUANTITY TABULATION
9-10	MS1-MS2	MISC. SCHEDULES
11-13	BA1-BA3	BRIDGE SHEETS

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\020-Vicinity\CAD\XL6453_PS_VM1.dgn						
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DATE	4/20/2022				JOB NUMBER 22C503		
PLOTTED BY	mccanns						
DESIGNED BY	S. MCCANN				CONTRACT NO.	LOCATION NO. XL6453	
ENTERED BY	S. MCCANN						
CHECKED BY	M. SEVERSON / S. HARDY						
PROJ. ENGR.	K. BOONE						
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

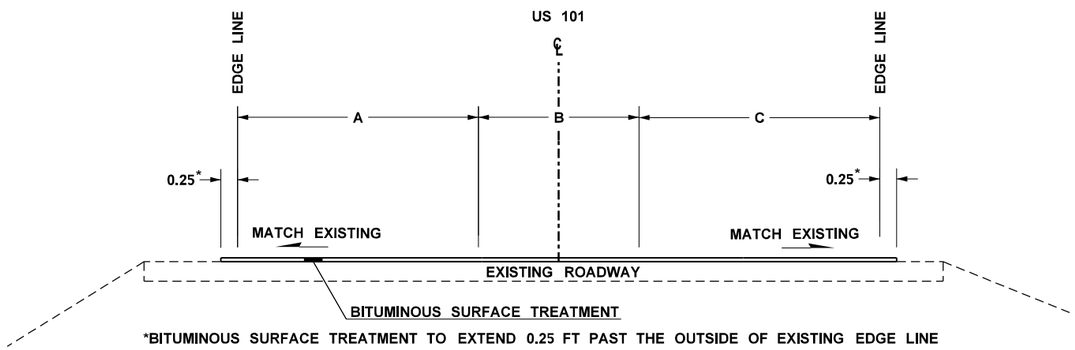
Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

VICINITY MAP (SECTION 1)

PLAN REF NO VM1

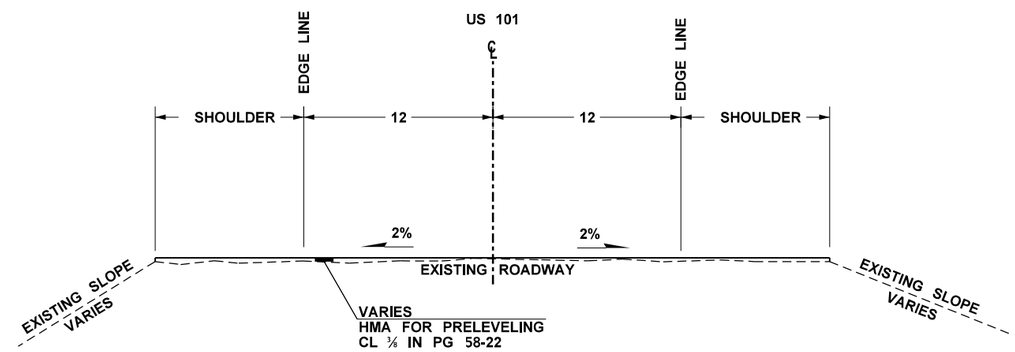
SHEET 4 OF 41 SHEETS



*BITUMINOUS SURFACE TREATMENT TO EXTEND 0.25 FT PAST THE OUTSIDE OF EXISTING EDGE LINE

ROADWAY SECTION

MP	TO	MP	A	B	C	
159.40		159.77	12	0	12	
159.77		159.85	28	0	12	
159.85		160.09	12	0	12	
160.09		160.12	28	0	12	
160.12		160.20	12	0	12	
160.20		160.21	12 - 24	0	12	
160.21		160.25	24	0	12	
160.25		160.26	24 - 12	0	12	
160.26		160.43	12	0	12	
160.43		160.45	12	0	24	
160.45		161.55	11	0	11	
161.55		161.59	23	0	11	
161.59		162.53	11	0	11	
162.53		162.67	BRIDGE	EXCEPTION	AREA	BR.101/209 STEAMBOAT CREEK
162.67		163.39	11	0	11	
163.39		163.40	11 - 23	0	11	
163.40		163.44	23	0	11	
163.44		163.46	23 - 11	0	11	
163.46		164.52	11	0	11	
164.52		164.57	11	0 - 14	11	
164.57		164.64	11	14	11	
164.64		164.71	11	14 - 0	11	
164.71		167.28	12	0	12	
167.28		167.60	12	0	12	
167.60		167.63	23	0	12	
167.63		168.66	23-11	0	11	
168.66		170.09	11	0	11	
170.09		170.47	12	0	12	
170.47		170.50	BRIDGE	EXCEPTION	AREA	BR. 101/214 NOLAN CREEK
170.50		173.97	12	0	12	
173.97		174.01	BRIDGE	EXCEPTION	AREA	BR. 101/215 LOST CREEK
174.01		175.97	12	0	12	
175.97		176.02	11	0 - 10	11 - 22	
176.02		176.05	11	10	22	
176.05		176.14	11	10 - 0	22 - 11	
176.14		176.56	11	0	11	



PRELEVELING

(NOT TO SCALE)

MP	TO	MP
174.96		175.00

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

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TIME	4:29:40 PM				
DATE	4/20/2022				
PLOTTED BY	mccanns				
DESIGNED BY	M. COREY				
ENTERED BY	S. MCCANN				
CHECKED BY	M. SEVERSON / S. HARDY				
PROJ. ENGR.	K. BOONE				
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 22C503		
CONTRACT NO.		LOCATION NO. XL6453

DATE
P.E. STAMP BOX

KAREN DIANE BOONE
STATE OF WASHINGTON
23356
REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1
DATE
P.E. STAMP BOX

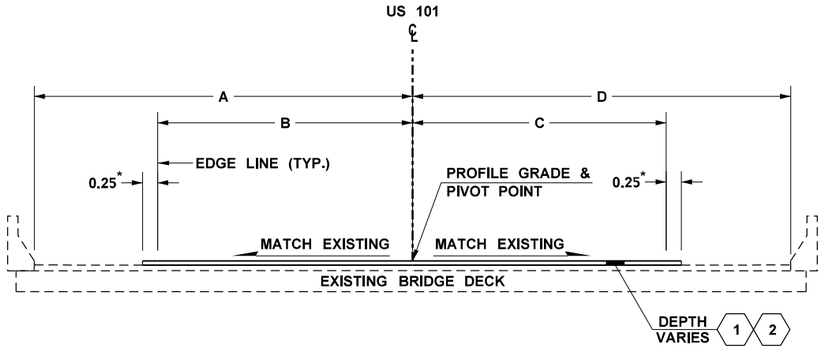
Washington State
Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ROADWAY SECTIONS (SECTION 1)

PLAN REF NO
RS1

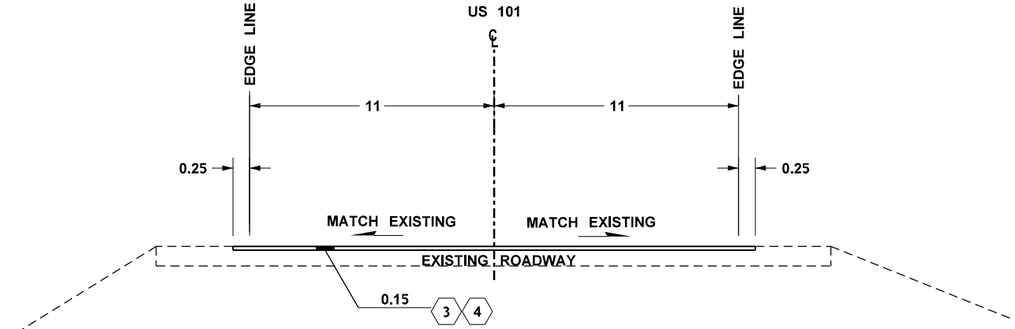
SHEET 5 OF 41 SHEETS



*BITUMINOUS SURFACE TREATMENT TO EXTEND 0.25 FT PAST THE OUTSIDE OF EXISTING EDGE LINE

BRIDGE SECTION

SEE STRUCTURE PAVING SCHEDULE



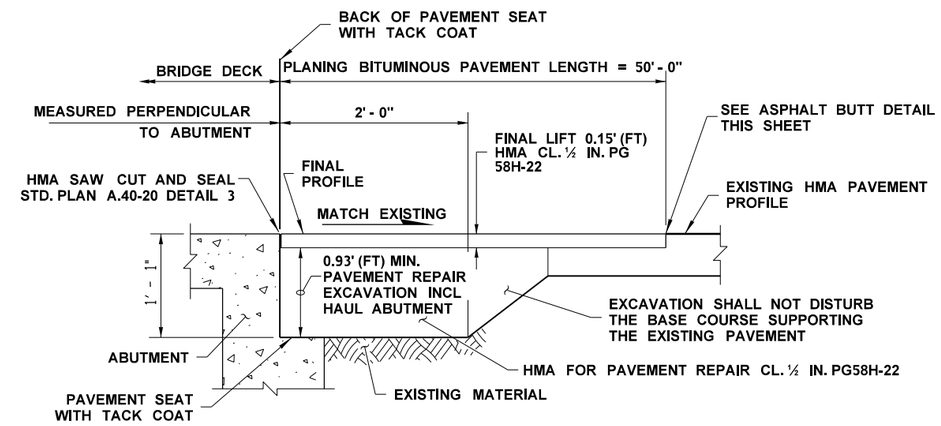
BRIDGE APPROACH PLANING

101/217 MP 176.56 TO MP 176.57
101/217 MP 176.66 TO MP 176.67
SEE PAVEMENT REPAIR AT BACK OF PAVEMENT SEAT DETAIL BELOW FOR BRIDGE ABUTMENT PAVING

STRUCTURE PAVING SCHEDULE

MILEPOST	BRIDGE NUMBER	A	B	C	D	GRADE CONTROL	EXISTING ASPHALT DEPTH*	1 REMOVAL		2 PAVING	
								PARTIAL/FULL	DEPTH*	DEPTH*	MATERIAL
164.92 TO 164.93	101/210C	14	12	12	14	NOT CONTROLLED		N/A	N/A	0.10	BST
168.91 TO 168.92	101/212	12	11	11	12	NOT CONTROLLED	0.92	N/A	N/A	0.10	BST
172.57	101/214.25	14	12	12	14	NOT CONTROLLED	0.21	N/A	N/A	0.10	BST
175.46	101/216.25	15	11	11	15	N/A		N/A	N/A	0.10	BST

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



PAVEMENT REPAIR AT BACK OF PAVEMENT SEAT

HMA SAWCUT AND SEAL

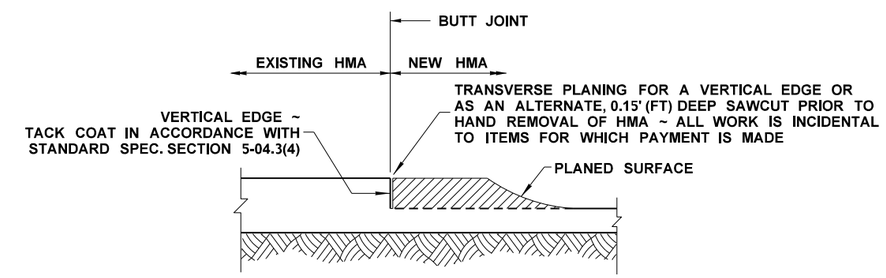
BRIDGE	BRIDGE NUMBER	STD. PLAN DETAIL	US 101 MP	LINEAR FEET
BRADEN CREEK	101/212	DETAIL 1	168.91 AND 168.93	48
NOLAN CREEK	101/214	DETAIL 3	170.47 AND 170.51	64
LOST CREEK	101/215	DETAIL 3	174.00 AND 174.04	71
HOH RIVER	101/217	DETAIL 3	176.57 AND 176.66	40
			TOTAL	223

SEE STD. PLAN A-40.20 FOR HMA SAWCUT & SEAL

CONCRETE PANEL JOINT

BRIDGE	BRIDGE NUMBER	US 101 MP TO MP	LINEAR FEET
HOH RIVER	101/217	176.57 TO 176.66	380
		TOTAL	380

SEE STD. PLAN A-40.20 DETAIL 7 FOR CONCRETE OPEN JOINT



ASPHALT BUTT DETAIL (SHOWING VERTICAL EDGE)

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS. LIFTS SHALL NOT EXCEED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS

LEGEND

3 PLANING BITUMINOUS PAVEMENT

4 HMA CL. 1/2 IN. PG 58H-22

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\Section 1\CAD\XL6453_PS_BS001.dgn
TIME	4:29:41 PM
DATE	4/20/2022
PLOTTED BY	mccanns
DESIGNED BY	S. MCCANN
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 22C503
CONTRACT NO.
LOCATION NO. XL6453

P.E. STAMP BOX DATE

KAREN DIANE BOONE STATE OF WASHINGTON 40356 REGISTERED PROFESSIONAL ENGINEER
SEE SHEET CT1 DATE
P.E. STAMP BOX

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

BRIDGE SECTIONS / MISC. (SECTION 1)

PLAN REF NO BS1

SHEET 6 OF 41 SHEETS

PAVEMENT REPAIR SCHEDULE
US 101 - PARTIAL/FULL DEPTH

MILE POST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
159.50	NB	10.5	3.5	FULL
159.97	SB	16.5	3.3	PARTIAL
160.02	SB	27.5	5.0	FULL
160.10	NB	8.0	3.3	PARTIAL
160.16	SB	12.0	3.3	FULL
160.20	SB	28.0	3.3	PARTIAL
160.21	SB	49.0	6.0	FULL
160.61	NB	22.0	4.0	FULL
160.61	NB	17.5	3.3	PARTIAL
160.87	SB	36.5	4.0	FULL
160.96	NB	20.0	3.3	PARTIAL
160.96	NB	3.3	9.0	PARTIAL
161.18	SB	21.0	3.3	PARTIAL
161.19	SB	12.0	3.3	PARTIAL
161.31	NB	4.0	3.3	PARTIAL
161.32	SB	22.0	4.0	PARTIAL
161.34	SB	12.0	4.0	PARTIAL
161.35	SB	30.0	3.3	PARTIAL
161.43	SB	7.0	4.5	FULL
161.44	SB	5.0	4.0	FULL
161.45	SB	33.0	4.0	FULL
161.47	SB	42.0	4.0	FULL
161.55	SB	32.5	4.0	FULL
161.79	SB	9.5	3.3	FULL
161.86	NB	3.0	3.3	PARTIAL

PAVEMENT REPAIR SCHEDULE
US 101 - PARTIAL/FULL DEPTH

MILE POST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
161.86	NB	196.0	3.3	PARTIAL
162.28	SB	32.5	3.3	FULL
162.29	SB	50.0	3.3	PARTIAL
162.67	NB	28.0	3.3	FULL
163.15	NB	20.0	3.3	FULL
163.15	NB	7.0	6.0	FULL
163.21	SB	10.5	3.3	FULL
163.22	SB	25.0	3.3	PARTIAL
164.62	SB	43.5	5.0	FULL
164.75	SB	45.0	3.3	FULL
164.99	NB	9.0	3.3	FULL
165.00	SB	33.0	3.3	PARTIAL
165.91	SB	6.0	3.3	FULL
165.98	SB	12.0	5.0	PARTIAL
166.00	SB	30.0	6.5	PARTIAL
166.30	SB	31.0	3.3	PARTIAL
166.32	SB	7.5	6.0	PARTIAL
166.32	SB	8.5	3.3	PARTIAL
166.44	NB	3.3	3.3	PARTIAL
166.57	SB	9.0	3.3	FULL
166.79	SB	24.0	3.3	PARTIAL
166.81	SB	35.5	3.3	PARTIAL
166.83	SB	10.5	3.3	PARTIAL
166.84	SB	13.5	3.3	PARTIAL
166.85	SB	41.0	5.0	PARTIAL

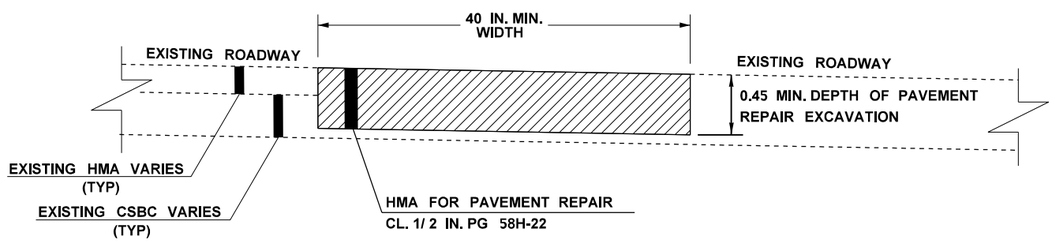
PAVEMENT REPAIR SCHEDULE
US 101 - PARTIAL/FULL DEPTH

MILE POST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
167.10	SB	42.5	3.3	PARTIAL
167.20	SB	40.0	3.3	PARTIAL
167.49	NB	12.5	3.3	FULL
167.49	NB	50.0	3.3	FULL
167.49	NB	7.0	3.3	PARTIAL
167.55	SB	65.0	3.3	FULL
167.58	SB	12.0	3.3	PARTIAL
167.59	SB	25.5	5.0	FULL
167.78	NB	7.5	3.5	FULL
167.86	SB	5.0	3.3	PARTIAL
167.86	SB	20.0	3.3	PARTIAL
167.92	SB	5.5	3.3	FULL
168.12	NB	12.0	4.0	FULL
168.49	SB	20.0	3.3	FULL
168.51	SB	5.5	3.3	FULL
168.56	SB	50.0	4.0	FULL
168.68	NB	15.0	3.3	PARTIAL
169.07	SB	10.0	5.0	FULL
169.10	NB	3.0	3.3	FULL
171.35	SB	4.5	3.3	PARTIAL
171.53	NB	6.0	3.3	FULL
171.53	NB	6.5	3.3	FULL
171.53	NB	14.0	4.5	FULL
171.53	NB	8.0	4.5	FULL
171.70	SB/C	4.0	4.3	PARTIAL

PAVEMENT REPAIR SCHEDULE
US 101 - PARTIAL/FULL DEPTH

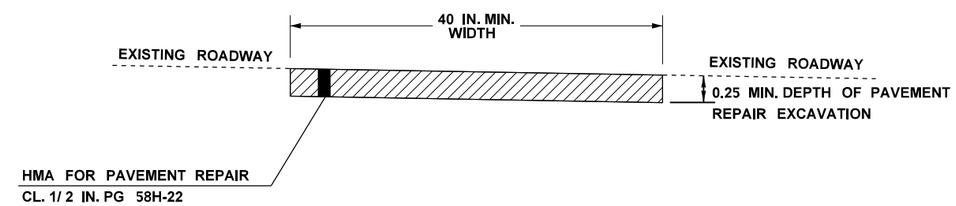
MILE POST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
171.78	SB	40.0	3.3	FULL
171.78	SB	9.0	3.3	FULL
171.78	SB	9.0	3.3	FULL
171.78	SB	31.0	4.5	PARTIAL
172.83	NB	67.0	4.5	FULL
173.28	NB	6.0	7.5	FULL
173.28	NB	10.5	4.0	FULL
173.28	NB	3.5	3.3	PARTIAL
173.28	NB	4.5	3.3	PARTIAL
173.28	NB	7.0	3.3	PARTIAL
173.28	NB	7.0	3.3	PARTIAL
173.28	NB	12.5	3.3	PARTIAL
173.28	NB	25.0	4.0	PARTIAL
173.63	SB	4.0	3.3	PARTIAL
173.93	NB	9.0	4.5	FULL
174.34	NB	20.0	3.3	PARTIAL
174.43	NB	7.0	3.3	FULL
174.58	NB	8.0	3.3	FULL
174.76	SB	17.0	4.0	FULL
176.50	SB	3.0	3.3	PARTIAL
176.55	C	8.5	3.3	PARTIAL
176.56	SB/C	7.0	7.3	FULL

* SOUTHBOUND (SB)
NORTHBOUND (NB)
CENTERLINE (C)



PAVEMENT REPAIR FULL DEPTH

(NOT TO SCALE)



PAVEMENT REPAIR PARTIAL DEPTH

(NOT TO SCALE)

NOTE:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

2. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS. LIFTS SHALL NOT EXCEED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.

3. THE CONTRACTOR SHALL FOG SEAL PAVEMENT REPAIR AREAS PER SPECIAL PROVISION "PREPARATION OF ROADWAY SURFACE".

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\Section 1\CAD\XL6453_PS_PR001.dgn
TIME	4:29:41 PM
DATE	4/20/2022
PLOTTED BY	mccanns
DESIGNED BY	M. COREY
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 22C503		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

KAREN DIANE BOONE, STATE OF WASHINGTON, 23356, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 DATE

P.E. STAMP BOX

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

PAVEMENT REPAIR (SECTION 1)

PLAN REF NO PR1

SHEET 7 OF 41 SHEETS

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 1)

LOCATION ↓ \ UNIT OF MEASURE →		CRACK SEALING - CM		BARRIER DELINEATOR		PAINT LINE		PLASTIC WIDE LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PLASTIC JUNCTION BOX MARKING		RAISED PAVEMENT MARKER TYPE 2	RECESSED PAVEMENT MARKER		SEE GENERAL NOTES
		CM		EACH		L.F.		L.F.	L.F.	EACH	EACH		HUND	HUND		
US 101																
MP 159.40 TO 176.67						273800							0.3	15.0		1,2,3,4,5,6
MP 165.00 TO 167.89		2.9														
MP 174.00 TO 176.61		2.6														
MP 174.48 TO MP 174.70 (LT.)				30												7
RUBY BEACH RD																
MP 164.52 TO 164.71 (RT.)								160						0.1		1, 5, 6, 8, 9
MP 164.60 (O.C.)										1						1, 8, 10
LOWER HOH RD																
MP 167.58 (LT.)											1					1, 8, 11
MP 167.60 (LT.)									37							1, 8, 12
MP 167.61 (LT.)										1	1					1, 8, 11, 13
MP 167.61 TO 167.64 (LT.)								180						0.1		1,5,6,8,9,14
FULLERTON RD																
MP 168.36 (LT.)									14							1, 8, 12
NOLAN CREEK RD																
MP 170.41 (RT.)									20							8, 12, 15
HOH MAINLINE RD																
MP 176.02 TO 176.05 (LT.)								130		2				0.1		1,5,6,8,9,10
MP 176.01 (LT.)											1					1, 8, 11
MP 176.02 (RT.)									42							1, 8, 12
MP 176.05 (LT.)											1					8, 11, 15
MP 176.03 TO MP 176.10 (RT.)								350						0.2		1,5,6,8,9
MP 176.09 (RT.)										1						8, 15, 16
SHEET TOTAL		5.5		30		273800		820	113	5	4		0.3	15.5		

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."
2. EXTEND PAINT LINE AND RPM'S ACROSS ALL BST EXEMPT STRUCTURES.
3. USE RPM'S TYPE 2 ON ALL CONCRETE AND HMA OVERLAYED BRIDGES. FOR YELLOW DOUBLE CENTERLINE ACROSS HOH RIVER BRIDGE (#101/217), PLACE RPM'S AT 40' O.C.
4. FOR LONGITUDINAL MARKING PATTERNS, SEE STD. PLAN M.20-10.
5. FOR PLACEMENT OF PAVEMENT MARKERS AND PAVEMENT RECESS DESIGN, SEE STD. PLAN M-20.30.
6. FOR PLACEMENT OF PAVEMENT MARKERS AT INTERSECTIONS, SEE STD. PLAN M-20.40.
7. WHITE SIDE-MOUNTED DELINEATORS AT 40' O.C. SPACING, SEE STD. PLAN M-40.10.
8. ALL PLASTIC SHALL BE TYPE D.
9. WHITE WIDE SOLID LANE LINE, SEE STD. PLAN M.20.10.
10. TYPE 2L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT LEFT TURN CHANNELIZATION, SEE STD. PLAN M-3.30.
11. JUNCTION BOX MARKING, SEE STD. PLAN M-24.60.
12. STOP LINE, SEE STD. PLAN M-24.60.
13. TYPE 2R (RIGHT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT RIGHT TURN CHANNELIZATION, SEE STD. PLAN M-5.10.
14. WHITE WIDE DOTTED EXTENSION LINE, SEE STD. PLAN M.20.10.
15. NEW MARKING, TO BE LOCATED IN FIELD.
16. TYPE 6L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20.

DESIGNED BY	M. COREY	03/01/22				
ENTERED BY	J. FIGLAR-BARNES	04/18/22				
CHECKED BY	S. HARDY	04/18/22				
PROJ. ENGR.	K. BOONE					
REGION ADM.	S. ROARK					
		DATE	DATE	REVISION	BY	

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

JOB NUMBER 22C503

CONTRACT NO.

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 1)

QT1

FLEXIBLE GUIDE POSTS - US 101 - CURVES, BRIDGES, & INTERSECTIONS

MILEPOST	MILEPOST	RADIUS	RROADWAY ELEMENT/ INTERSECTION	GUIDE POST SPACING (FT)	FLEXIBLE GUIDE POSTS
159.39	159.43	1146	CURVE	100	3
159.61	159.73	1432.5	CURVE	110	5
159.97	160.05	1432.5	CURVE	110	5
160.19	160.28	716.3	CURVE	75	7
160.36	160.42	5730	CURVE	220	2
160.47			BEACH 4 ACCESS	N/A	8
160.51	160.55	1432.5	CURVE	110	3
161.55	161.64	716.3	CURVE	75	7
161.96	162.05	955	CURVE	90	6
162.25			BIG CEDAR RD	N/A	8
162.56	162.65	1910	CURVE	130	5
162.95	163.08	5730	CURVE	220	4
163.47	163.56	1910	CURVE	130	4
163.61	163.71	818.6	CURVE	80	7
163.74	164.11	2865	CURVE	160	13
164.62			RUBY BEACH	N/A	12
164.93	164.98	1432.5	CURVE	110	3
165.31	165.44	286.5	CURVE	45	16
165.44	165.51	286.5	CURVE	54	8
165.53	165.62	286.5	CURVE	45	12
165.67	165.72	573	CURVE	70	5
165.82	166.00	716.3	CURVE	75	14
166.57	166.76	1432.5	CURVE	110	10
166.86	166.95	955	CURVE	90	6
167.18	167.26	955	CURVE	90	6
167.53	167.72	955	CURVE	90	12
167.59			LOWER HOH RD	N/A	8
167.76	167.84	477.5	CURVE	65	8
168.15	167.25	716	CURVE	75	8
168.29			FULLERTON RD	N/A	8
168.50	168.71	1432	CURVE	110	11
168.78	168.86	477.5	CURVE	65	8
168.91			BR. 101/212	N/A	12
169.07	169.23	1146	CURVE	100	9
170.14	170.19	716.3	CURVE	75	4
170.37	170.44	955	CURVE	90	5
170.40			BIG CEDAR TREE RD	N/A	8
170.47			BR. 101/214	N/A	12
170.55	170.62	716.3	CURVE	75	6
170.74	170.86	955	CURVE	90	7
170.98	171.05	955	CURVE	90	5
172.89	172.95	1432.5	CURVE	110	3
173.41	173.53	1462.5	CURVE	110	7

FLEXIBLE GUIDE POSTS - US 101 - CURVES, BRIDGES, & INTERSECTIONS (CONT.)

MILEPOST	MILEPOST	RADIUS	RROADWAY ELEMENT/ INTERSECTION	GUIDE POST SPACING (FT)	FLEXIBLE GUIDE POSTS
173.97			BR. 101/215	N/A	12
174.51	174.58	2865	CURVE	160	3
174.70	174.90	955	CURVE	90	13
175.23	175.32	573	CURVE	70	7
175.50	175.60	1432.5	CURVE	110	6
175.84	175.93	573	CURVE	70	8
176.00			HOH MAINLINE RD	N/A	12
176.10	176.20	1432.5	CURVE	110	6
176.52	176.57	477.5	CURVE	65	5
176.57			BR. 101/217	N/A	12
				TOTAL	402

FLEXIBLE GUIDE POSTS - US 101 - BARRIER

MILEPOST	MILEPOST	SIDE	FLEXIBLE GUIDE POSTS	MILEPOST	MILEPOST	SIDE	FLEXIBLE GUIDE POSTS
159.41	159.45	RIGHT	5	167.28	167.31	LEFT	4
159.55	159.57	LEFT	3	168.01	168.22	LEFT	28
159.62	159.67	RIGHT	7	168.27	168.33	LEFT	8
159.63	159.67	LEFT	5	170.09	170.19	LEFT	13
160.42	160.46	LEFT	5	170.09	170.21	RIGHT	16
164.56	164.59	RIGHT	4	170.82	170.84	RIGHT/LEFT	5
164.56	164.62	LEFT	8	170.87	170.9	RIGHT/LEFT	8
164.81	164.98	RIGHT	22	173.76	173.88	LEFT	16
164.81	165.04	LEFT	30	173.77	173.83	RIGHT	8
165.07	165.17	LEFT	13	174.13	174.28	LEFT	20
165.12	165.15	RIGHT	4	174.13	174.32	RIGHT	25
166.01	166.18	LEFT	22	175.09	175.3	LEFT	28
167.05	167.2	LEFT	20	175.33	175.44	LEFT	15
167.28	167.31	RIGHT	4			TOTAL	346

FLEXIBLE GUIDEPOSTS SHALL BE PLACED AT 40 FT SPACING

FLEXIBLE GUIDE POSTS - US 101 - TANGENTS

MILEPOST	MILEPOST	SPACING (FT)	FLEXIBLE GUIDE POSTS
159.40	176.70	264	245

GUIDEPOSTS SHALL BE PLACED ON ALTERNATING SIDES OF TANGENTS AT THE SHOWN SPACING.

GENERAL NOTES

1. FLEXIBLE GUIDE POSTS SHALL BE WHITE UNLESS OTHERWISE NOTED
2. FOR FLEXIBLE GUIDE POSTS, SEE STD. PLANS M-40.10, M-40.30, M-40.40, & M-40.50

INLET PROTECTION

US 101 MP	RT/LT	QUANTITY
165.18	RT	1
165.20	RT	1
165.22	RT	1
166.97	RT	1
166.99	RT	1
167.01	RT	1
167.03	RT	1
167.05	RT	1
167.12	RT	1
170.42	LT	1
	TOTAL	10

SEE STD. PLAN I-40.20

PLASTIC DRAINAGE MARKING

US 101 MILEPOST	OFFSET	QUANTITY	TYPE
159.42	LT & RT	4	CROSS CULVERT-2 EACH SIDE
159.55	LT & RT	2	CROSS CULVERT
159.77	LT & RT	2	CROSS CULVERT
159.85	LT & RT	2	CROSS CULVERT
159.89	LT & RT	2	CROSS CULVERT
159.95	LT & RT	4	CROSS CULVERT-2 EACH SIDE
160.11	LT & RT	2	CROSS CULVERT
160.15	LT & RT	2	CROSS CULVERT
160.18	LT & RT	2	CROSS CULVERT
160.31	LT & RT	2	CROSS CULVERT
160.43	LT & RT	2	CROSS CULVERT
160.57	LT & RT	2	CROSS CULVERT
160.66	LT & RT	2	CROSS CULVERT
160.78	LT & RT	2	CROSS CULVERT
160.84	LT & RT	2	CROSS CULVERT
160.90	LT & RT	2	CROSS CULVERT
161.09	LT & RT	2	CROSS CULVERT
161.19	LT & RT	2	CROSS CULVERT
161.28	LT & RT	2	CROSS CULVERT
161.37	LT & RT	2	CROSS CULVERT
161.53	LT & RT	2	CROSS CULVERT
161.62	LT & RT	2	CROSS CULVERT
161.72	LT & RT	2	CROSS CULVERT
161.87	LT & RT	2	CROSS CULVERT
162.13	LT & RT	2	CROSS CULVERT
162.19	RT	1	CROSS CULVERT
162.26	LT & RT	2	CROSS CULVERT
162.81	LT & RT	2	CROSS CULVERT
163.12	LT & RT	2	CROSS CULVERT
163.31	LT & RT	2	CROSS CULVERT
163.58	LT & RT	2	CROSS CULVERT
163.77	LT & RT	2	CROSS CULVERT
164.15	LT & RT	2	CROSS CULVERT
164.47	LT & RT	2	CROSS CULVERT
164.60	LT & RT	2	CROSS CULVERT
164.92	LT & RT	4	CROSS CULVERT-2 EACH SIDE
164.97	LT & RT	2	CROSS CULVERT
165.12	LT & RT	2	CROSS CULVERT

SEE STANDARD PLAN M-24.60

PLASTIC DRAINAGE MARKING

US 101 MILEPOST	OFFSET	QUANTITY	TYPE
165.18	RT	1	DRAINAGE STRUCTURE INLET
165.20	RT	1	DRAINAGE STRUCTURE INLET
165.22	RT	1	DRAINAGE STRUCTURE INLET
165.29	LT & RT	2	CROSS CULVERT
165.94	LT & RT	2	CROSS CULVERT
166.11	LT & RT	2	CROSS CULVERT
166.23	LT & RT	2	CROSS CULVERT
166.34	LT & RT	2	CROSS CULVERT
166.41	LT & RT	2	CROSS CULVERT
166.46	LT & RT	2	CROSS CULVERT
166.54	LT & RT	2	CROSS CULVERT
166.58	LT & RT	2	CROSS CULVERT
166.72	LT & RT	2	CROSS CULVERT
166.97	RT	1	DRAINAGE STRUCTURE INLET
166.99	RT	1	DRAINAGE STRUCTURE INLET
167.01	RT	1	DRAINAGE STRUCTURE INLET
167.03	RT	1	DRAINAGE STRUCTURE INLET
167.05	RT	1	DRAINAGE STRUCTURE INLET
167.05	LT & RT	1	CROSS CULVERT
167.12	RT	1	DRAINAGE STRUCTURE INLET
167.26	LT & RT	2	CROSS CULVERT
167.43	LT & RT	2	CROSS CULVERT
167.53	LT & RT	2	CROSS CULVERT
167.58	LT & RT	2	CROSS CULVERT
168.04	LT & RT	2	CROSS CULVERT
168.30	LT & RT	2	CROSS CULVERT
168.50	LT & RT	2	CROSS CULVERT
168.58	LT & RT	2	CROSS CULVERT
168.74	LT & RT	2	CROSS CULVERT
168.96	LT & RT	2	CROSS CULVERT
169.21	LT & RT	2	CROSS CULVERT
169.42	LT & RT	2	CROSS CULVERT
169.70	LT & RT	2	CROSS CULVERT
169.85	LT & RT	2	CROSS CULVERT
169.88	LT & RT	2	CROSS CULVERT
169.90	LT & RT	2	CROSS CULVERT
170.14	LT & RT	2	CROSS CULVERT
170.20	LT & RT	2	CROSS CULVERT

PLASTIC DRAINAGE MARKING

US 101 MILEPOST	OFFSET	QUANTITY	TYPE
170.42	LT	1	DRAINAGE STRUCTURE INLET
170.71	LT & RT	2	CROSS CULVERT
170.77	LT & RT	2	CROSS CULVERT
170.82	LT & RT	2	CROSS CULVERT
170.88	LT & RT	2	CROSS CULVERT
171.31	LT & RT	2	CROSS CULVERT
171.76	LT & RT	2	CROSS CULVERT
172.11	LT & RT	2	CROSS CULVERT
172.59	LT & RT	2	CROSS CULVERT
172.75	LT & RT	2	CROSS CULVERT
173.01	LT & RT	2	CROSS CULVERT
173.38	LT & RT	2	CROSS CULVERT
174.19	LT & RT	2	CROSS CULVERT
174.48	LT & RT	2	CROSS CULVERT
174.55	LT & RT	2	CROSS CULVERT
174.67	LT & RT	2	CROSS CULVERT
174.70	LT & RT	2	CROSS CULVERT
174.74	LT & RT	2	CROSS CULVERT
174.77	LT & RT	2	CROSS CULVERT
174.83	LT & RT	2	CROSS CULVERT
174.88	LT & RT	2	CROSS CULVERT
174.90	LT & RT	2	CROSS CULVERT
174.94	LT & RT	2	CROSS CULVERT
175.03	LT & RT	2	CROSS CULVERT
175.13	LT & RT	2	CROSS CULVERT
175.17	LT & RT	4	CROSS CULVERT-2 EACH SIDE
175.18	LT & RT	2	CROSS CULVERT
175.23	LT & RT	2	CROSS CULVERT
175.33	LT & RT	2	CROSS CULVERT
175.34	LT & RT	2	CROSS CULVERT
175.46	LT & RT	2	CROSS CULVERT
175.68	LT & RT	2	CROSS CULVERT
175.90	LT & RT	2	CROSS CULVERT
176.12	LT & RT	2	CROSS CULVERT
176.29	LT & RT	2	CROSS CULVERT
176.43	LT & RT	2	CROSS CULVERT
176.49	LT & RT	2	CROSS CULVERT
176.53	LT & RT	2	CROSS CULVERT
176.56	LT & RT	2	CROSS CULVERT
TOTAL		226	

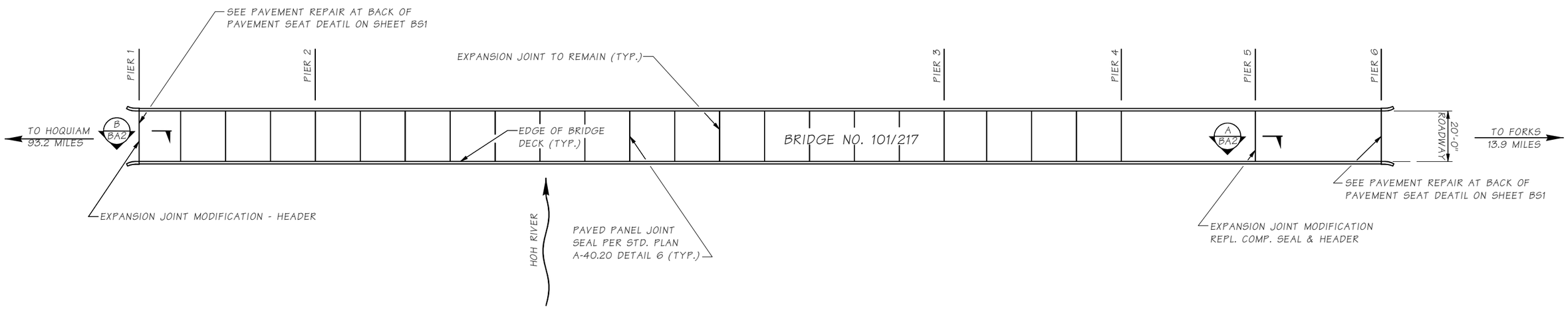
GENERAL NOTES

1.CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."

2. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D

SEC. 23, T.27N., R.12W. W.M.
JEFFERSON COUNTY

US-101



PLAN

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION-ENGLISH, DATED 2022.
2. NEW CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION, DATED 2020
3. EXISTING FEATURES AND DIMENSIONS ARE BASED ON INSPECTION REPORTS AND AS-BUILT PLANS. ALL DIMENSIONS SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.
4. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.

LEGEND

B / 15 — IDENTIFIES SECTION, VIEW OR DETAIL
TAKEN OR SHOWN ON BRIDGE SHEET 15

B / — TAKEN OR SHOWN ON THE SAME SHEET

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

Bridge Design Engr.	Khaleghi, B		
Supervisor	ROSA, MA		
Designed By	PHILLIPS, D	12/21	
Checked By	ROSA, MA	12/21	
Detailed By	PHILLIPS, D	12/21	
Bridge Projects Engr.			
Prelim. Plan By			
Architect/Specialist			

M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-217 Layout.MAN

DATE	REVISION	BY	APPD

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22C503				
CONTRACT NO.				

P.E. STAMP BOX
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

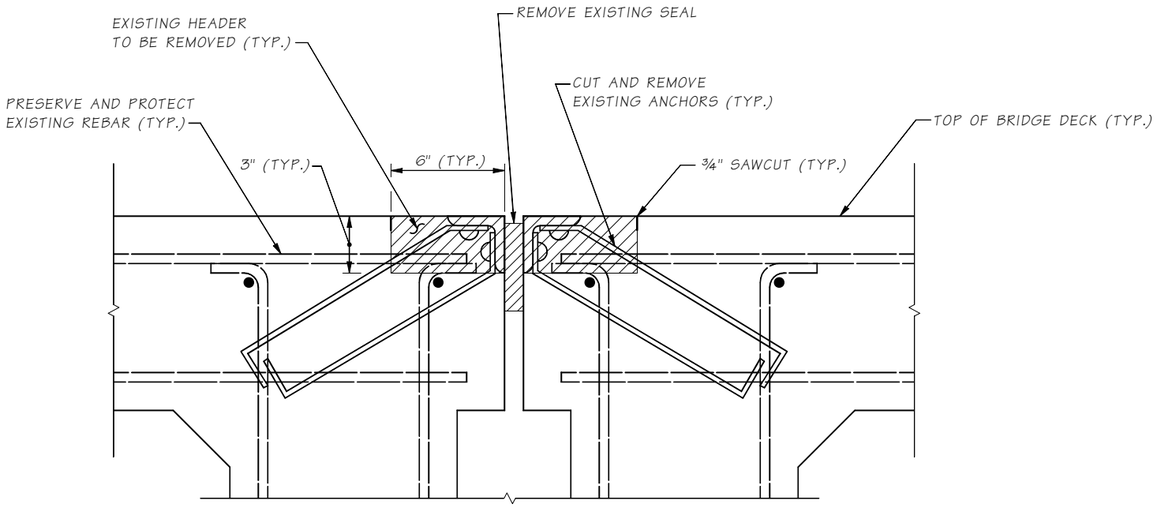
US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/217

LAYOUT

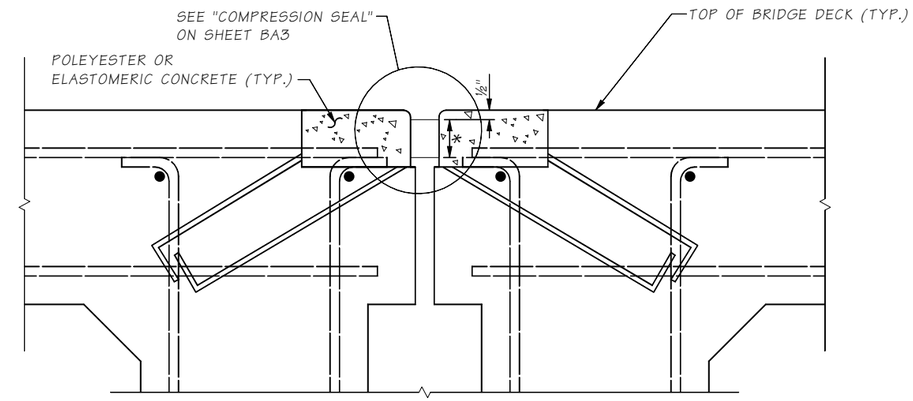
BRIDGE SHEET NO. BA1

SHEET 11 OF 41 SHEETS

Thu Apr 14 08:23:28 2022

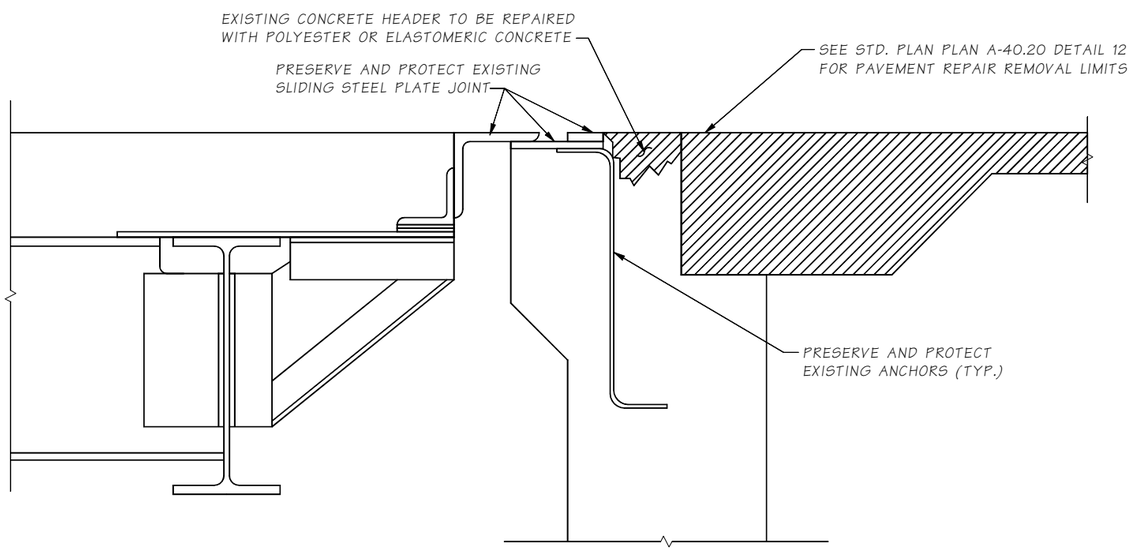


EXPANSION JOINT (A / BA1)
EXISTING CONDITION

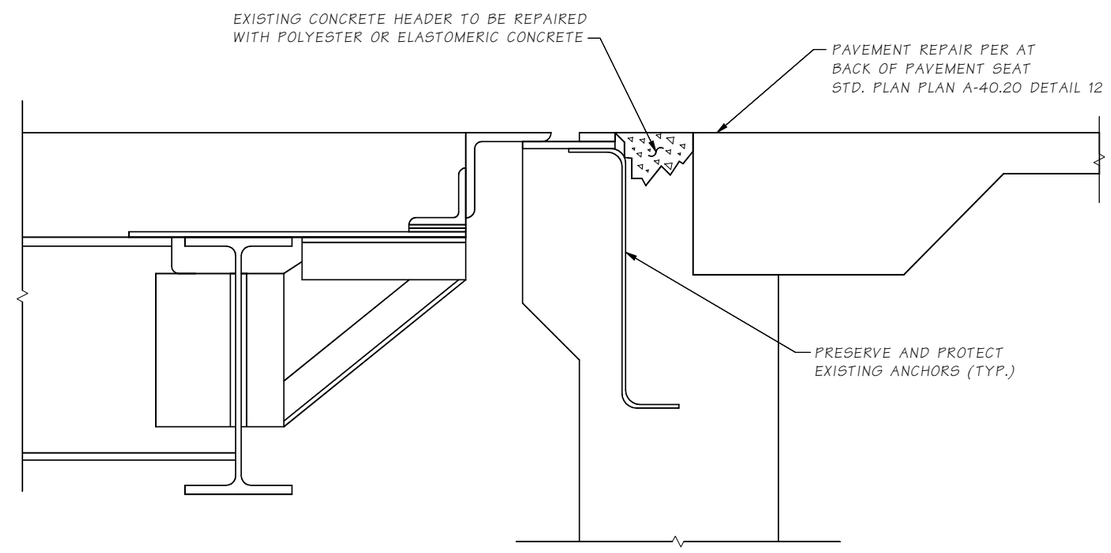


EXPANSION JOINT (A / BA1)
MODIFIED CONDITION

* FULLY COMPRESSED DEPTH PER SEAL MANUFACTURER



EXPANSION JOINT (B / BA1)
EXISTING CONDITION



EXPANSION JOINT (B / BA1)
MODIFIED CONDITION

NOTE: EXTEND CONCRETE REMOVAL TO SOUND CONCRETE

LIMITS OF REMOVAL AREA

Bridge Design Engr.	Khaleghi, B	M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-217 Exp Jt.MAN				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Supervisor	ROSA, MA					10	WASH.				
Designed By	PHILLIPS, D 12/21					JOB NUMBER 220503					
Checked By	ROSA, MA 12/21										
Detailed By	PHILLIPS, D 12/21					CONTRACT NO.					
Bridge Projects Engr.											
Prelim. Plan By											
Architect/Specialist		DATE	REVISION	BY	APPD						

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

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX — BAIAN KHALEGHI, STATE OF WASHINGTON, 27050, STRUCTURAL ENGINEER, PROFESSIONAL ENGINEER — SEE SHEET CT1 — DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/217

EXPANSION JOINT REPAIR 1 OF 2

BRIDGE SHEET NO. BA2

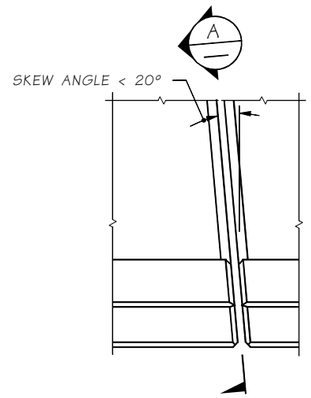
SHEET 12 OF 41 SHEETS

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

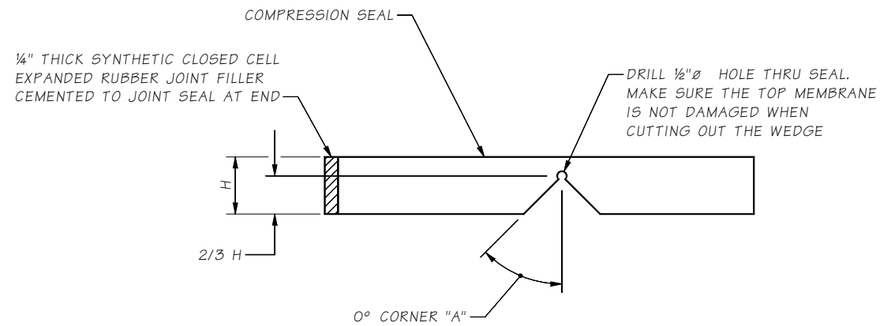
Mon Apr 04 08:52:26 2022

EXPANSION JOINT TABLE				
EXPANSION JOINT LOCATION	EXPANSION JOINT LENGTH	OPENING "A" (NORMAL TO JOINT @ 40° F	@ 64° F	@ 80° F
PIER 5	21'-6"	1¼"	1⅛"	1"

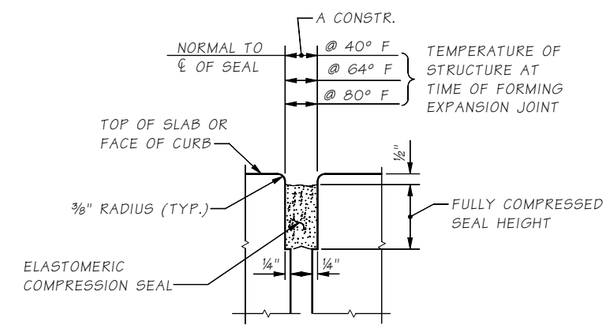
D.S. BROWN		WATSON BOWMAN ACME	
SEAL	WIDTH	SEAL	WIDTH
CV-2000	2"	WA-200	2"



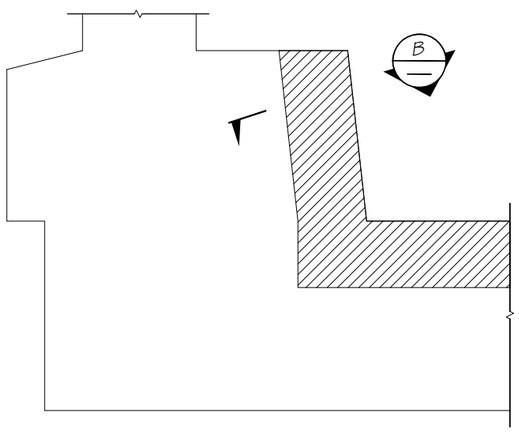
PLAN
EXPANSION JOINT



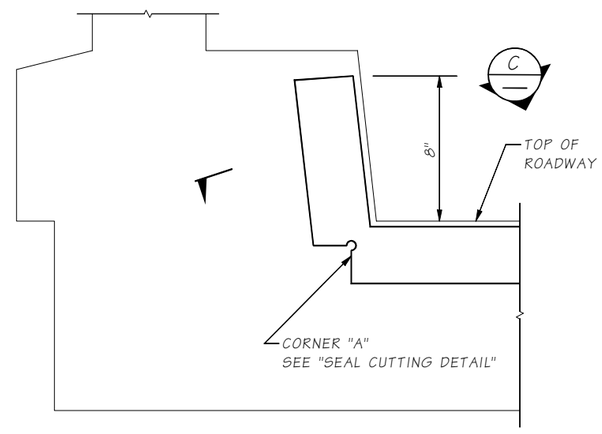
SEAL CUTTING DETAIL



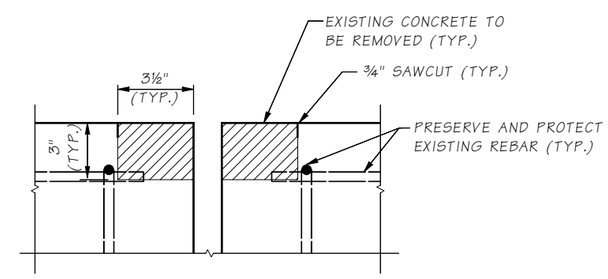
COMPRESSION SEAL
CONCRETE OPENING



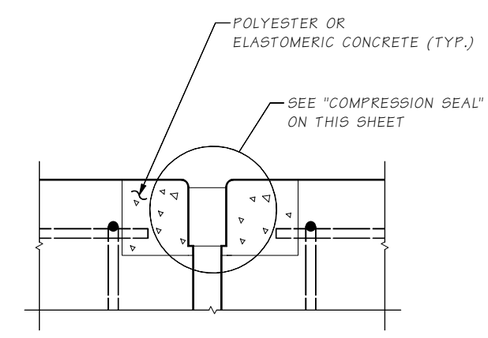
SECTION A
EXISTING CONDITION



SECTION A
MODIFIED CONDITION



SECTION B
EXISTING CONDITION



SECTION C
MODIFIED CONDITION

Bridge Design Engr.	Khaleghi, B	M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-217 Exp Jt 2.MAN			
Supervisor	ROSA, MA				
Designed By	PHILLIPS, D 12/21				
Checked By	ROSA, MA 12/21				
Detailed By	PHILLIPS, D 12/21				
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist		DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22C503				
CONTRACT NO.				

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

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/217

EXPANSION JOINT REPAIR 2 OF 2

BRIDGE SHEET NO. BA3

SHEET 13 OF 41 SHEETS

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

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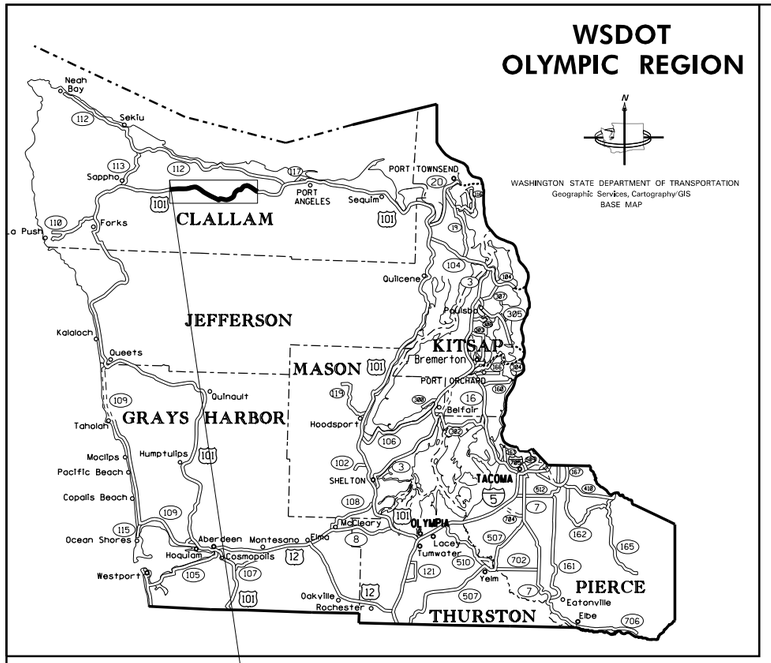


INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
14	VM2	INDEX & VICINITY MAP/SECTION 2
15	RS2	ROADWAY SECTIONS
16	BS2	BRIDGE SECTIONS
17	PR2	PAVEMENT REPAIR
18	QT2	QUANTITY TABULATION
19	MS3	MISC. SCHEDULES
20-24	BB1-BF2	BRIDGE SHEETS

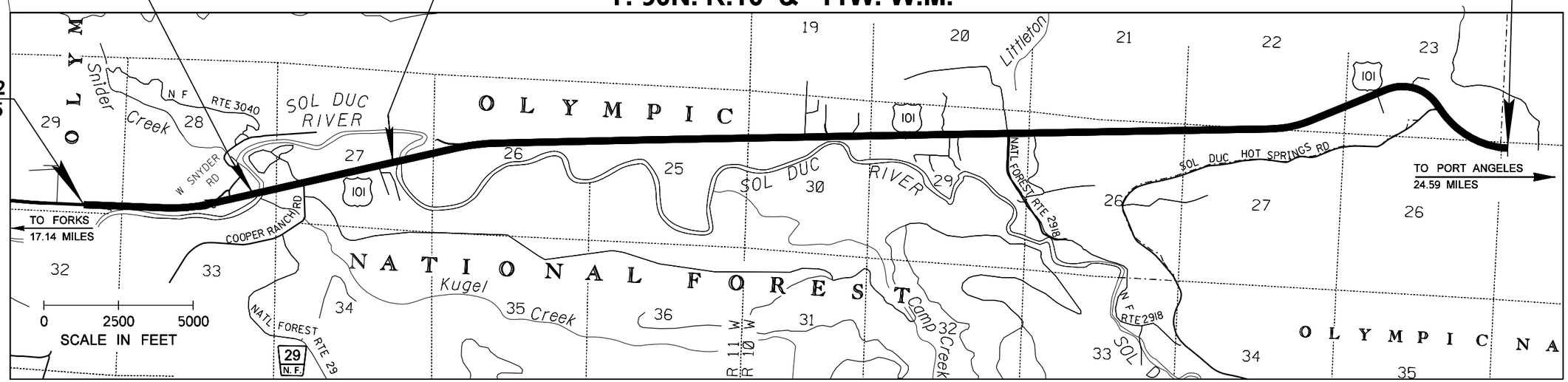
BRIDGE #101/320 SOL DUC RIVER
INCLUDED IN PROJECT
REMOVE/REPLACE HMA DECK
EXPANSION JOINT REPAIR
PAVED PANEL JOINTS
HMA SAWCUT AND SEAL
US 101 MP 211.55 TO MP 211.61

BRIDGE #101/322 SOL DUC RIVER
INCLUDED IN PROJECT
REMOVE/REPLACE HMA DECK
PAVED PANEL JOINTS
HMA SAWCUT AND SEAL
US 101 MP 212.46 TO MP 212.52

END F.A. NO. 0101(396)
END PROJECT
END SECTION 2
US 101 MP 219.72

BEGIN SECTION 2
US 101 MP 210.45

T. 30N. R.10 & 11W. W.M.



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DATE	4/20/2022
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DESIGNED BY	S. MCCANN
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 22C503		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

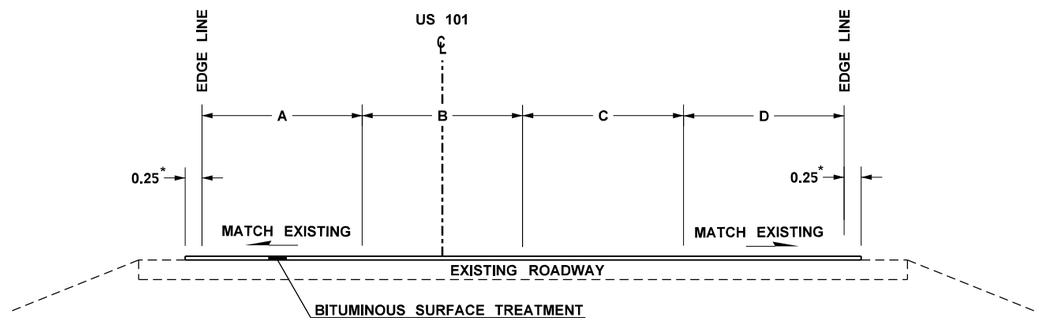
Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

VICINITY MAP (SECTION 2)

PLAN REF NO VM2

SHEET 14 OF 41 SHEETS



*BITUMINOUS SURFACE TREATMENT TO EXTEND 0.25 FT PAST THE OUTSIDE OF EXISTING EDGE LINE

ROADWAY SECTION

MP	TO MP	A	B	C	D	
210.45	211.29	12	0	12	0	
211.29	211.37	12	0 - 13	12	0	
211.37	211.42	12	13	12	0	
211.42	211.50	12	13 - 0	12	0	
211.50	211.55	12	0	12	0	
211.55	211.61	BRIDGE	EXCEPTION	AREA		SOL DUC BRIDGE (101/320)
211.61	212.46	12	0	12	0	
212.46	212.52	BRIDGE	EXCEPTION	AREA		SOL DUC BRIDGE (101/322)
212.52	213.11	11	0	11	0	
213.11	218.16	12	0	12	0	
218.16	218.29	12	0	12 - 23	0	
218.29	218.99	12	0	23	0	
218.99	219.14	12 - 23	0	23	0	
219.14	219.17	23	0 - 10	23	0	
219.17	219.20	23	10	23 - 12	0 - 16	
219.20	219.22	23	10	12	16	
219.22	219.23	23	10	12	0	
219.23	219.27	23	10	12	11	
219.27	219.29	23	10	12	11 - 0	
219.29	219.37	23	10 - 0	12	0	
219.37	219.72	23	0	12	0	

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\Section 2\CAD\XL6453_PS_RS002.dgn
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DATE	4/20/2022
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DESIGNED BY	M. COREY
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER 22C503

CONTRACT NO. | LOCATION NO. XL6453

P.E. STAMP BOX — DATE

KAREN DIANE BOONE, STATE OF WASHINGTON, 40356, REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 — DATE

P.E. STAMP BOX

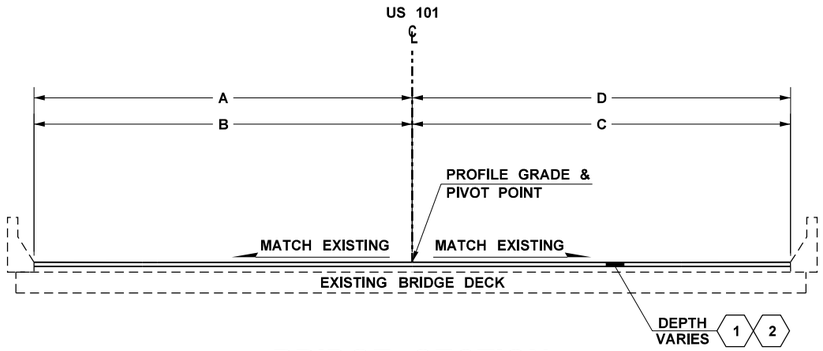
Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ROADWAY SECTIONS (SECTION 2)

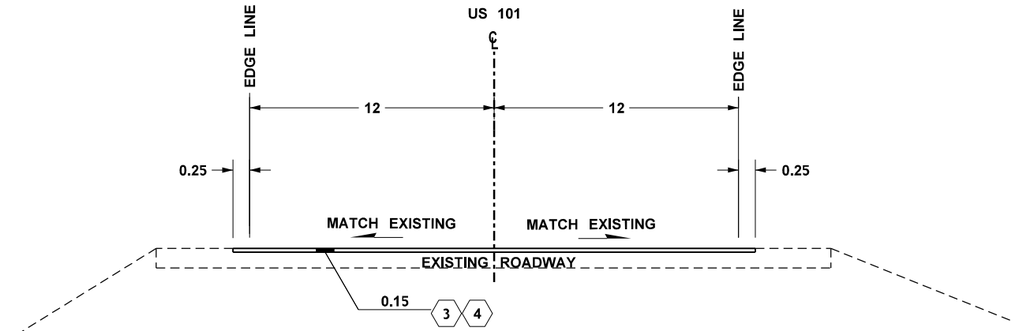
PLAN REF NO RS2

SHEET 15 OF 41 SHEETS



BRIDGE SECTION

SEE STRUCTURE PAVING SCHEDULE



BRIDGE APPROACH PLANING

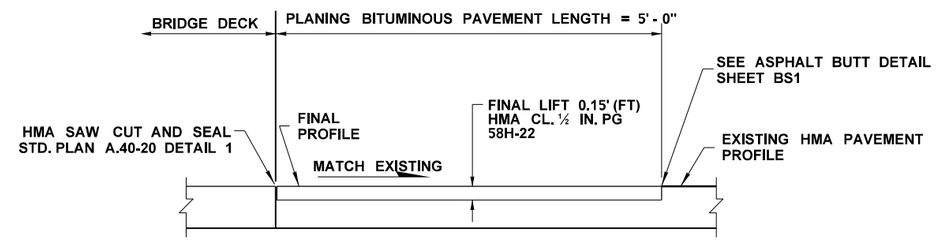
101/320 MP 211.55
101/320 MP 211.61
101/322 MP 212.46
101/322 MP 212.52

SEE PLANING AND PAVING AT BACK OF PAVEMENT SEAT DETAIL BELOW FOR BRIDGE ABUTMENT PAVING

STRUCTURE PAVING SCHEDULE

MILEPOST	BRIDGE NUMBER	A	B	C	D	GRADE CONTROL	EXISTING ASPHALT DEPTH*	1 REMOVAL		2 PAVING	
								PARTIAL/FULL	DEPTH*	PAVING DEPTH*	MATERIAL
211.55 TO 211.61	101/320	12	12	12	12	GRADE CONTROLLED	0.21	FULL	0.21	0.21	HMA
212.46 TO 212.52	101/322	12	12	12	12	GRADE CONTROLLED	0.21	FULL	0.21	0.21	HMA

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



PLANING AND PAVING AT BACK OF PAVEMENT SEAT

HMA SAWCUT AND SEAL

BRIDGE	BRIDGE NUMBER	US 101 MP AND MP	LINEAR FEET
SOL DUC RIVER	101/320	211.55 AND 211.62	48
SOL DUC RIVER	101/322	212.46 AND 212.51	48
		TOTAL	96

SEE STD. PLAN A-40.20 DETAIL 1 FOR HMA SAWCUT & SEAL

PAVED PANEL JOINT SEAL

BRIDGE	BRIDGE NUMBER	STD. PLAN DETAIL	US 101 MP TO MP	PANEL JOINTS	LINEAR FEET
SOL DUC RIVER	101/320	DETAIL 5	211.55 TO 211.62	7	168
SOL DUC RIVER	101/322	DETAIL 6	212.46 TO 212.51	7	168
SEE STD. PLAN A-40.20 FOR PANEL JOINTS				TOTAL	336

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS. LIFTS SHALL NOT EXCEED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS

LEGEND

3 PLANING BITUMINOUS PAVEMENT

4 HMA CL. 1/2 IN. PG 58H-22

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DATE	4/20/2022
PLOTTED BY	mccanns
DESIGNED BY	S. MCCANN
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER 22C503

CONTRACT NO. | LOCATION NO. XL6453

P.E. STAMP BOX DATE

KAREN DIANE BOONE STATE OF WASHINGTON #20356 REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 DATE

P.E. STAMP BOX

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

BRIDGE SECTIONS/MISC (SECTION 2)

PLAN REF NO BS2

SHEET 16 OF 41 SHEETS

PAVEMENT REPAIR SCHEDULE US 101 - PARTIAL/FULL DEPTH

MILEPOST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
210.69	SB	30.0	3.3	FULL
211.31	SB	8.5	3.3	FULL
211.32	SB	49.5	4.0	PARTIAL
211.40	SB	37.5	5.0	FULL
211.44	NB	22.0	4.5	FULL
211.54	SB	10.0	3.3	PARTIAL
211.62	SB	10.0	3.3	PARTIAL
211.62	NB	63.5	4.5	PARTIAL
212.33	NB	47.0	3.3	FULL
212.36	NB	35.5	11.0	FULL
212.75	NB	4.3	3.3	FULL
212.76	NB	5.3	3.3	FULL
212.87	NB	34.5	3.3	PARTIAL
212.87	SB	17.0	3.3	PARTIAL
213.37	NB	16.0	4.8	FULL
213.40	NB	24.8	4.0	PARTIAL
213.73	NB	25.0	3.3	PARTIAL
213.74	NB	34.5	3.3	FULL
213.75	NB	6.0	3.3	PARTIAL
213.77	NB	6.5	3.3	PARTIAL
213.86	NB	6.5	3.3	FULL
214.31	SB	105.0	3.3	PARTIAL
214.33	NB	57.0	4.0	FULL
214.34	NB	16.0	4.5	FULL
214.49	NB	7.0	3.3	FULL
214.50	NB	72.0	5.0	FULL
214.52	NB	31.0	3.3	FULL

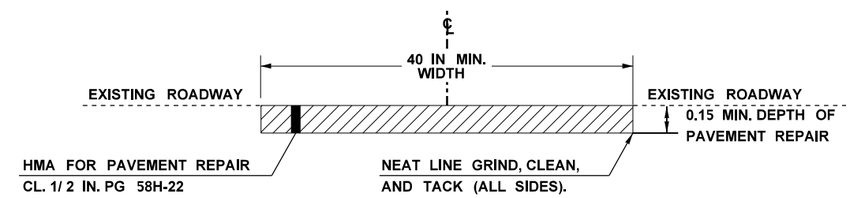
PAVEMENT REPAIR SCHEDULE US 101 - PARTIAL/FULL DEPTH

MILEPOST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
214.68	NB	9.0	4.5	FULL
215.79	SB	11.5	5.0	FULL
215.97	SB	6.0	3.3	FULL
216.16	NB	53.5	3.3	FULL
216.19	NB	13.5	3.3	FULL
216.20	NB	105.0	3.3	FULL
216.22	NB	41.0	3.3	FULL
216.25	NB	61.0	5.0	FULL
216.58	NB	59.0	3.3	FULL
217.75	NB	7.0	4.0	PARTIAL
218.27	SB	51.0	3.3	FULL
218.27	SB	44.0	4.0	FULL
218.37	NB	5.0	3.3	PARTIAL
218.40	NB	43.0	3.3	PARTIAL
218.42	NB	8.0	3.3	PARTIAL
218.55	NB	13.5	3.3	FULL
218.59	NB	48.5	3.3	FULL
218.69	NB	33.0	4.0	FULL
218.70	NB	128.0	3.3	FULL
218.71	NB	22.5	5.0	FULL
218.79	NB	129.0	3.3	PARTIAL
218.82	NB	34.5	3.3	FULL
218.83	NB	21.5	3.3	FULL
218.91	NB	47.5	3.3	PARTIAL
219.24	SB	24.5	4.0	PARTIAL
219.54	NB	3.3	8.5	PARTIAL

PAVEMENT REPAIR SCHEDULE US 101 - CENTERLINE

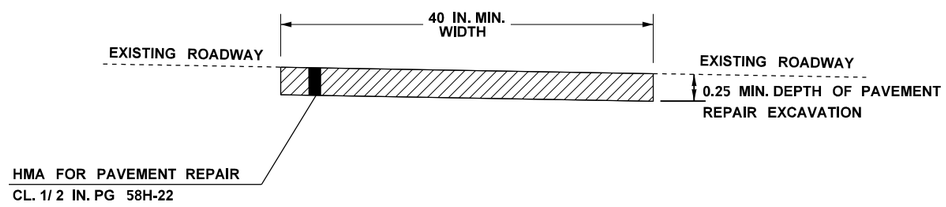
MILEPOST	MILEPOST	LENGTH (FT)	WIDTH (FT)	DEPTH
212.13	212.23	528.0	3.3	PARTIAL
212.39	212.45	316.8	3.3	PARTIAL
213.12	213.22	528.0	3.3	PARTIAL
213.35	213.55	1056.0	3.3	PARTIAL
213.81	213.87	316.8	3.3	PARTIAL
214.80	214.90	528.0	3.3	PARTIAL
215.08	215.32	1267.2	3.3	PARTIAL
215.35	215.40	264.0	3.3	PARTIAL
215.67	216.14	2481.6	3.3	PARTIAL
216.25	216.43	950.4	3.3	PARTIAL
217.25	218.12	4593.6	3.3	PARTIAL

* SOUTHBOUND (SB)
NORTHBOUND (NB)
CENTERLINE (C)



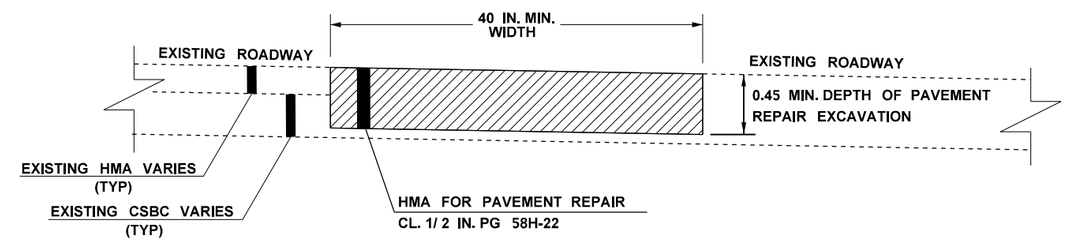
PAVEMENT REPAIR CENTERLINE

(NOT TO SCALE)



PAVEMENT REPAIR PARTIAL DEPTH

(NOT TO SCALE)



PAVEMENT REPAIR FULL DEPTH

(NOT TO SCALE)

NOTE:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

2. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS. LIFTS SHALL NOT EXCEED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS

3. THE CONTRACTOR SHALL FOG SEAL PAVEMENT REPAIR AREAS PER SPECIAL PROVISION "PREPARATION OF ROADWAY SURFACE"

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 2)

LOCATION ➢ \ UNIT OF MEASURE ➢		PAINT LINE	PLASTIC LINE	PLASTIC WIDE LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PLASTIC CROSSHATCH MARKING	PLASTIC JUNCTION BOX MARKING		RAISED PAVEMENT MARKER TYPE 2	RECESSED PAVEMENT MARKER					SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	EACH	L.F.	EACH		HUND	HUND					
US 101																
MP 210.45 TO 219.72		148290								0.2	6.7					1,2,3,4,5
W SNIDER RD																
MP 211.29 TO 211.49 (RT.)				160							0.1					1,4,5,6,7
MP 211.37 (O.C.)						2										1, 6, 8
OLYMPIC DISCOVERY TRAIL X-ING																
MP 218.47 (LT.)								1								1, 6, 9
MP 218.49 (LT.)								1								1, 6, 9
TRUCK CLIMBING LANES																
MP 218.24 TO MP 219.14 (RT.)			4750								0.9					1, 4, 6, 10
MP 219.10 & MP 219.13 (RT.)						2										1, 6, 11
MP 219.14 TO MP 219.72 (LT.)			3060								0.8					1, 4, 6, 10
MP 219.14 & MP 219.18 (LT.)						2										1, 6, 11
SOL DUC HOT SPRINGS RD																
MP 219.20 TO MP 219.22 (RT.)				300			50				0.2					1,4,5,6,7,12
MP 219.20 (RT.) & MP 219.21 (RT.)						2										1, 6, 13
MP 219.22 (LT.)								1								1, 6, 9
MP 219.23 (RT.)					48											1, 6,14
MP 219.20 & MP 219.21 (LT.)						2										1, 6, 15
MP 219.20 TO MP 219.26 (LT.)				310							0.2					1,4,5,6,7
MP 219.24 & MP 219.26 (LT.)						2										1, 6, 8
MP 219.24 TO MP 219.28 (RT.)				210							0.1					1,4,5,6,7
MP 219.24 & MP 219.26 (RT.)						2										1, 6, 11
MP 219.25 (LT) & (RT.)								2								1, 6, 9
MP 219.29 (RT.)								1								1, 6, 9
SHEET TOTAL		148290	7810	980	48	14	50	6		0.2	9.0					

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."
2. USE RPM'S TYPE 2 ON SOL DUC RIVER BRIDGES (#101/320 & #101/322), PLACE AT 40' O.C.
3. FOR LONGITUDINAL MARKING PATTERNS, SEE STD. PLAN M.20-10.
4. FOR PLACEMENT OF PAVEMENT MARKERS AND PAVEMENT RECESS DESIGN, SEE STD. PLAN M-20.30.
5. FOR PLACEMENT OF PAVEMENT MARKERS AT INTERSECTIONS, SEE STD. PLAN M-20.40.
6. ALL PLASTIC SHALL BE TYPE D.
7. WHITE WIDE SOLID LANE LINE, SEE STD. PLAN M.20.10.
8. TYPE 2L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT LEFT TURN CHANNELIZATION, SEE STD. PLAN M-3.30.
9. JUNCTION BOX MARKING, SEE STD. PLAN M-24.60.
10. WHITE LANE LINE, SEE STD. PLAN M-20.10.
11. TYPE 6L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20.
12. WHITE CROSSHATCH MARKING AT 10' O.C. SPACING, SEE STD. PLAN M-24.60.
13. TYPE 2R (RIGHT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT RIGHT TURN CHANNELIZATION, SEE STD. PLAN M-5.10.
14. STOP LINE, SEE STD.PLAN M-24.60.
15. TYPE 6R (RIGHT) TRAFFIC ARROW, SEE STD. PLAN M-24.20.

DESIGNED BY	M. COREY	03/01/22					
ENTERED BY	J. FIGLAR-BARNES	04/18/22					
CHECKED BY	S. HARDY	04/18/22					
PROJ. ENGR.	K. BOONE						
REGION ADM.	S. ROARK						
		DATE	**DATE**	**REVISION**	**BY**		

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

JOB NUMBER 22C503

CONTRACT NO.

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 2)

QT2

FLEXIBLE GUIDE POSTS - US 101 - CURVES, BRIDGES, & INTERSECTIONS

MILEPOST	MILEPOST	RADIUS	RROADWAY ELEMENT/ INTERSECTION	GUIDE POST SPACING (FT)	FLEXIBLE GUIDE POSTS
211.00	211.29	5730.0	CURVE	220	8
211.13		N/A	RIVERSIDE RD		10
211.28		N/A	RIVERSIDE RD		10
211.40		N/A	W SNIDER RD		10
211.55		N/A	BR. 101/320		12
211.87		N/A	KLAHOWYA CAMPGROUND		10
212.46		N/A	BR. 101/322		12
212.88	213.16	7162.5	CURVE	260	7
215.25		N/A	HECKEL RD		10
218.00	218.37	3820.0	CURVE	180	12
218.83	219.22	1432.5	CURVE	100	22
219.22		N/A	SOL DOC HOT SPRINGS RD		12
219.22	219.72	2865.0	CURVE	160	18
				TOTAL	153

FLEXIBLE GUIDE POSTS - US 101 - TANGENTS

MILEPOST	MILEPOST	SPACING (FT)	FLEXIBLE GUIDE POSTS
159.40	176.70	264	148

GUIDEPOSTS SHALL BE PLACED ON ALTERNATING SIDES OF TANGENTS AT THE SHOWN SPACING.

INLET PROTECTION

US 101 MP	QUANTITY
219.33	1
TOTAL	1

SEE STD. PLAN I-40.20

PLASTIC DRAINAGE MARKING

US 101 MP	OFFSET	QUANTITY	TYPE
210.79	LT & RT	2	CROSS CULVERT
211.28	LT & RT	2	CROSS CULVERT
212.03	LT & RT	2	CROSS CULVERT
212.20	RT	3	CROSS CULVERT
212.23	LT & RT	2	CROSS CULVERT
212.45	RT	1	CROSS CULVERT
213.03	LT & RT	2	CROSS CULVERT
213.13	LT & RT	2	CROSS CULVERT
213.39	LT & RT	2	CROSS CULVERT
213.65	LT & RT	2	CROSS CULVERT
213.98	LT & RT	2	CROSS CULVERT
214.53	LT & RT	2	CROSS CULVERT
215.00	LT & RT	2	CROSS CULVERT
215.17	LT & RT	2	CROSS CULVERT
215.38	LT & RT	2	CROSS CULVERT
215.89	LT & RT	2	CROSS CULVERT
216.37	LT & RT	2	CROSS CULVERT
216.67	LT & RT	2	CROSS CULVERT
217.87	LT & RT	2	CROSS CULVERT
218.30	LT & RT	2	CROSS CULVERT
218.47	LT & RT	2	CROSS CULVERT
218.92	LT & RT	2	CROSS CULVERT
219.09	LT & RT	2	CROSS CULVERT
219.21	LT & RT	2	CROSS CULVERT
219.29	LT & RT	2	CROSS CULVERT
219.33	LT	1	CROSS CULVERT
219.33	RT	1	DRAINAGE STRUCTURE INLET
219.61	LT & RT	2	CROSS CULVERT
	TOTAL	54	

SEE STANDARD PLAN M-24.60

CENTERLINE RUMBLE STRIP

US 101 MP START	US 101 MP END	LENGTH (MI)
212.13	212.23	0.10
212.39	212.45	0.06
213.12	213.22	0.10
213.35	213.55	0.20
213.81	213.87	0.06
213.87	214.32	0.45
214.45	214.70	0.25
214.80	214.90	0.10
215.08	215.32	0.24
215.35	215.40	0.05
215.40	215.67	0.27
215.67	216.14	0.47
216.14	216.25	0.11
216.25	216.43	0.18
216.43	217.25	0.82
217.25	218.12	0.87
	TOTAL	4.3

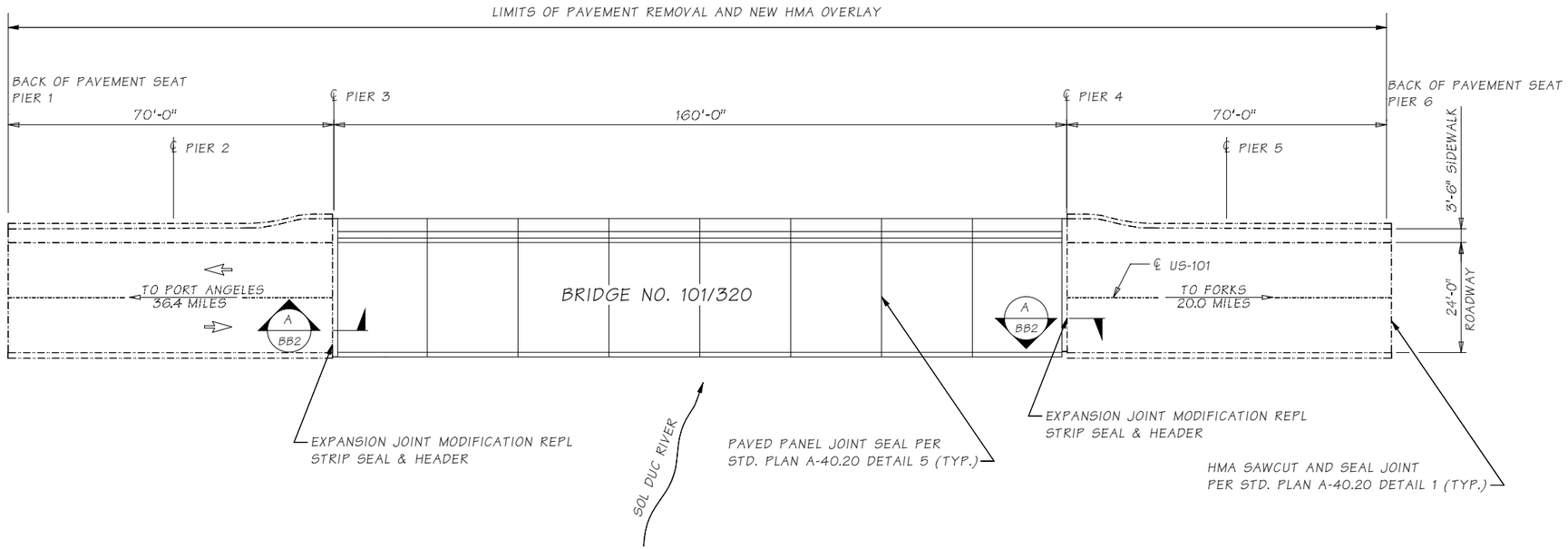
SEE STANDARD PLAN M-65.10

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
2. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."
3. ALL PLASTIC PAVEMENT MARKINGS SHALL BE TYPE D
4. FLEXIBLE GUIDE POSTS SHALL BE WHITE UNLESS OTHERWISE NOTED
5. FOR FLEXIBLE GUIDE POSTS, SEE STD. PLANS M-40.10, M-40.30, M-40.40, & M-40.50.

SEC. 23, T.27N., R.12W. W.M.
JEFFERSON COUNTY

US-101



PLAN

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION-ENGLISH, DATED 2022.
2. NEW CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION, DATED 2020
3. EXISTING FEATURES AND DIMENSIONS ARE BASED ON INSPECTION REPORTS AND AS-BUILT PLANS. ALL DIMENSIONS SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.
4. CONTRACTOR SHALL LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE DURING CONCRETE REMOVAL OPERATIONS.
5. SEE SHEETS BP1 AND BP2 FOR REMOVAL AND PAVING TRAINS CONSTRUCTION LOAD RESTRICTIONS.

LEGEND

B / 15 — IDENTIFIES SECTION, VIEW OR DETAIL
TAKEN OR SHOWN ON BRIDGE SHEET 15

B / — TAKEN OR SHOWN ON THE SAME SHEET

OVERLAY REQUIREMENTS

BRIDGE NO. 101/320

REMOVE EXISTING HMA OVERLAY
PLACE NEW WATERPROOF MEMBRANE AND
0.21' HMA OVERLAY

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

Bridge Design Engr.	Khaleghi, B	M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-320 Layout.MAN				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	P.E. STAMP BOX
Supervisor	ROSA, MA					10	WASH.				
Designed By	PHILLIPS, D 12/21					JOB NUMBER 22C503					
Checked By	ROSA, MA 12/21										
Detailed By	PHILLIPS, D 12/21										
Bridge Projects Engr.						CONTRACT NO.					
Prelim. Plan By											
Architect/Specialist		DATE	REVISION	BY	APP'D						

SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

P.E. STAMP BOX
BILAN KHALEGHI
STATE OF WASHINGTON
27096
PROFESSIONAL ENGINEER
STRUCTURAL ENGINEER
SEE SHEET CT1
DATE

Washington State Department of Transportation

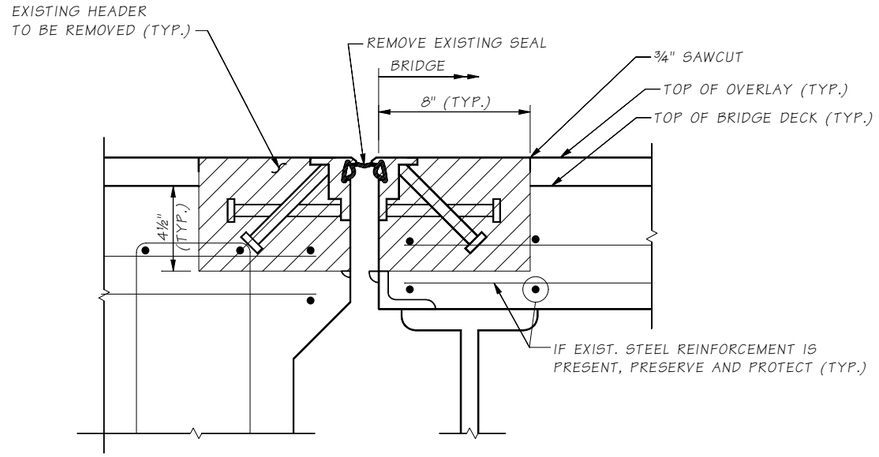
US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/320

LAYOUT

BRIDGE SHEET NO. BB1

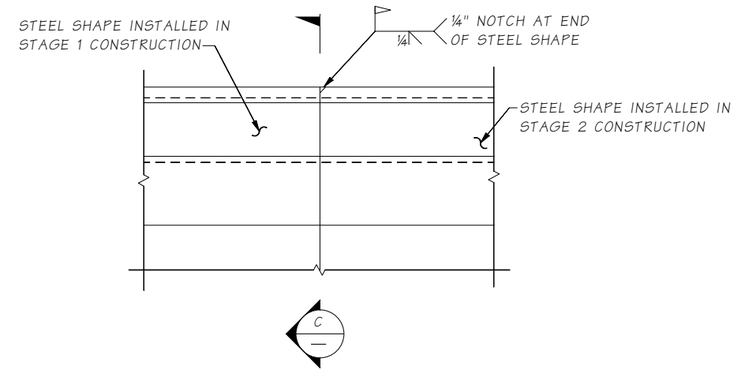
SHEET 20 OF 41 SHEETS

Thu Apr 14 08:22:41 2022



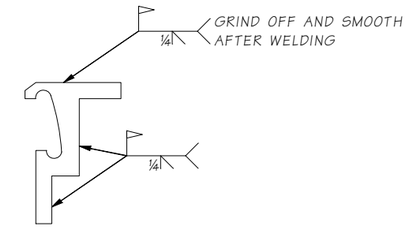
EXPANSION JOINT (A / BB1)

EXISTING CONDITION
PIER 3, PIER 4 SIMILAR

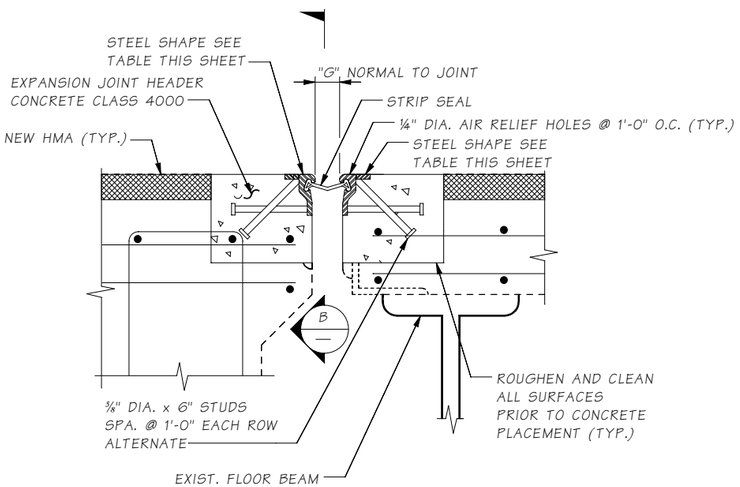


SECTION (B / —)

STEEL SHAPE SPLICE

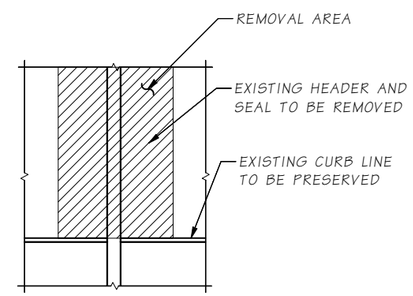


SECTION (C / —)



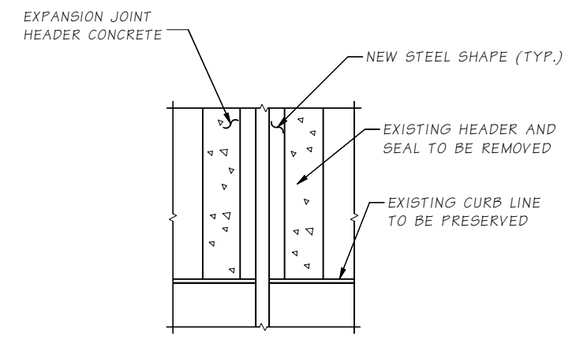
SECTION (A / BB1)

MODIFIED CONDITION
PIER 3, PIER 4 SIMILAR



PLAN
EXPANSION JOINT AT CURB

EXISTING CONDITION (TYP.)



PLAN
EXPANSION JOINT AT CURB

MODIFIED CONDITION (TYP.)

MANUFACTURER	ITEM NAME	OPENING "G" NORMAL TO JT.		MIN. INSALLATION WIDTH NORMAL TO JOINT	OPENING "G" NORMAL TO JT.		
		MIN.	MAX.		@40 F	@64 F	@80 F
D.S. BROWN	DSB STRIP SEAL A2R-400	½"	4½"	2"	2½"	2¼"	2"
WATSON BOWMAN ACME	WABO STRIP SEAL SE-400	0"	4"	1½"	2"	1¾"	1½"
R.J. WATSON, INC.	R.J. STRIP SEAL 400	0"	4"	1½"	2"	1¾"	1½"
DYMAT CONSTRUCTION PRODUCTS, INC.	DYMA STRIP SEAL J200-C	¼"	4¾"	1½"	2½"	2¼"	2'

4" MOTION RANGE STRIP SEAL TABLE

MANUFACTURER	ITEM NAME	BRIDGE DECK		
		TYPE	S	T
D. S. BROWN	DSB STRIP SEAL	SSCM2	1¼"	3¾"
WATSON BOWMAN ACME	WABO STRIP SEAL	M, R, P	2¾"	3¼"
R.J. WATSON, INC.	RJ STRIP SEAL	RJM	2¾"	3¼"
DYMAT CONSTRUCTION PRODUCTS, INC.	DYMAT STRIP SEAL	C	2½"	3"

STEEL SHAPE TYPES

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

Bridge Design Engr.	Khaleghi, B	M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-320 Exp Jt.MAN							
Supervisor	ROSA, MA				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Designed By	PHILLIPS, D 1/22				10	WASH.			
Checked By	ROSA, MA 1/22				JOB NUMBER 220303				
Detailed By	PHILLIPS, D 1/22								
Bridge Projects Engr.					CONTRACT NO.				
Prelim. Plan By									
Architect/Specialist		DATE	REVISION	BY	APP'D				

Mon Apr 04 08:53:31 2022

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

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/320

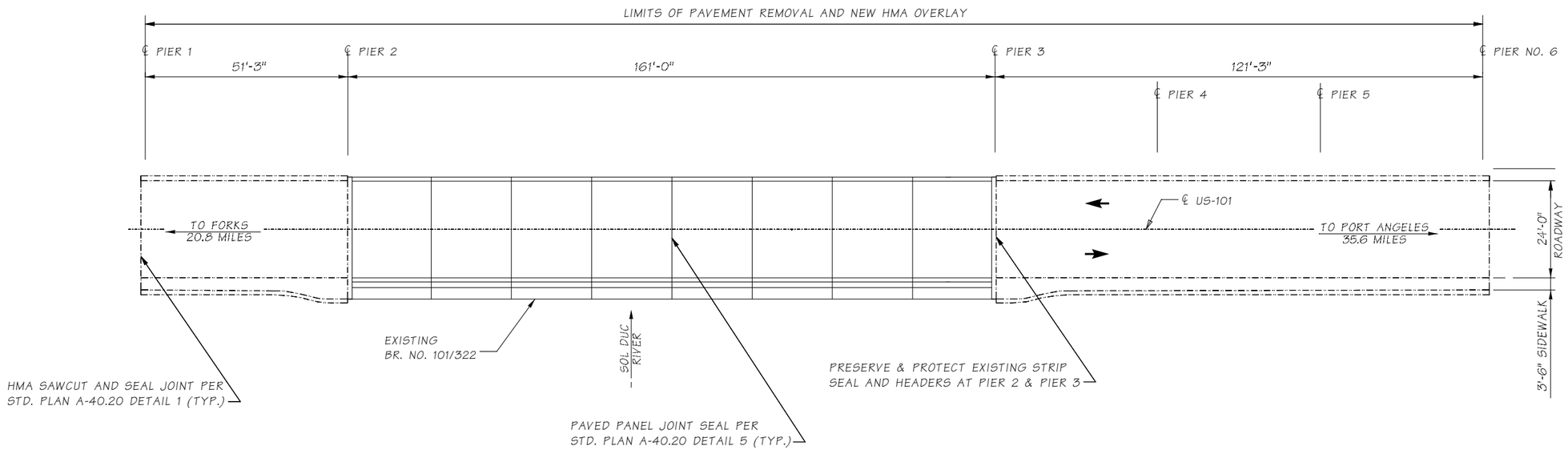
EXPANSION JOINT REPAIR 1 OF 2

BRIDGE SHEET NO. BB2

SHEET 21 OF 41 SHEETS

SEC 27, T.30N., R.11W., W.M.
CLALLAM COUNTY

US-101



PLAN

GENERAL NOTES

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5. SEE SHEETS BP1 AND BP2 FOR REMOVAL AND PAVING TRAINS CONSTRUCTION LOAD RESTRICTIONS.

LEGEND

B / 15 — IDENTIFIES SECTION, VIEW OR DETAIL
TAKEN OR SHOWN ON BRIDGE SHEET 15

B / — TAKEN OR SHOWN ON THE SAME SHEET

OVERLAY REQUIREMENTS

BRIDGE NO. 101/322

REMOVE EXISTING HMA OVERLAY
PLACE NEW WATERPROOF MEMBRANE AND
0.21' HMA OVERLAY

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

Bridge Design Engr.	Khaleghi, B		
Supervisor	ROSA, MA		
Designed By	PHILLIPS, D	12/21	
Checked By	ROSA, MA	12/21	
Detailed By	PHILLIPS, D	12/21	
Bridge Projects Engr.			
Prelim. Plan By			
Architect/Specialist			

M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\101-322 Layout.MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER 22C503				
CONTRACT NO.				

P.E. STAMP BOX
SEE SHEET CT1
DATE

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL
101/322

LAYOUT

BRIDGE SHEET NO. BC1

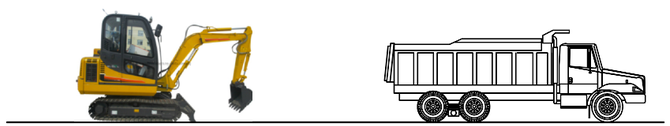
SHEET 22 OF 41 SHEETS

Mon Apr 04 08:53:44 2022

BITUMINOUS PAVEMENT REMOVAL NOTES:

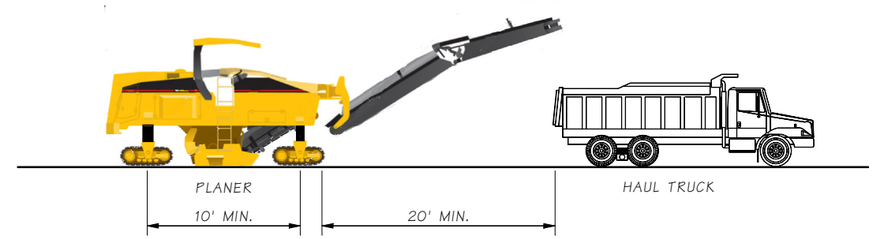
1. DURING BITUMINOUS PAVEMENT REMOVAL WORK ON BRIDGES, CONSTRUCTION LOADS ON THE BRIDGE SHALL BE RESTRICTED TO THE SPECIFIED BITUMINOUS PAVEMENT REMOVAL TRAINS. ONLY ONE REMOVAL TRAIN IS ALLOWED ON A BRIDGE AT A TIME.

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



BRIDGE NO.	SCRAPER/ NON-ROTARY EQUIPMENT	HAUL TRUCK
	MAX. GROSS WT. (LBS)	MAX. GROSS WT. (LBS)
101/320	34,000	50,000
101/322	34,000	50,000

BITUMINOUS PAVEMENT REMOVAL TRAIN - NO PLANER



BRIDGE NO.	ROTARY MILLIING/ PLANING EQUIPMENT	HAUL TRUCK	FULL DEPTH PLANING ALLOWED?
	MAX. GROSS WT. (LBS)	MAX. GROSS WT. (LBS)	
101/320	50,000	50,000	NO
101/322	50,000	50,000	NO

PAVEMENT REMOVAL TRAIN - PLANER

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

Bridge Design Engr.	Khaleghi, B	
Supervisor	ROSA, MA	
Designed By	PHILLIPS, D	12/21
Checked By	ROSA, MA	12/21
Detailed By	PHILLIPS, D	12/21
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\Removal.MAN

DATE	REVISION	BY	APPD

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

JOB NUMBER 22C503

CONTRACT NO.

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

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

BRIDGE CONSTR. LOAD RESTRICTION
HMA PAVING

BRIDGE SHEET NO. BP1

SHEET 23 OF 41 SHEETS

Mon Apr 04 08:53:59 2022

BRIDGE HMA PAVING NOTES:

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

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

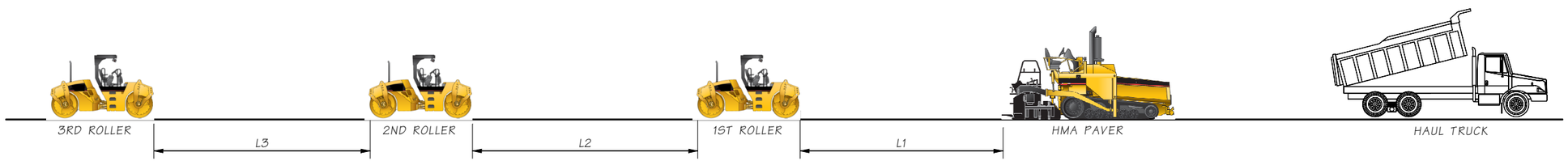
3. HAUL TRUCKS SHALL REMAIN OFF OF BRIDGES MARKED WITH AN ASTERISK (*) UNTIL THE HMA PAVER HOPPER IS NEARLY EMPTY. WHEN THE HMA PAVER HOPPER IS NEARLY EMPTY, THE HAUL TRUCK MAY BACK UP TO THE HMA PAVER AND LOAD THE HOPPER. ONCE THE HOPPER IS LOADED, THE EMPTY HAUL TRUCK SHALL MOVE OFF OF THE BRIDGES MARKED WITH AN ASTERISK (*).

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

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

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

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



BRIDGE NO.	3RD ROLLER	L3	2ND ROLLER	L2	1ST ROLLER	L1	HMA PAVER	HAUL TRUCK
	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MIN. SPACING	MAX. GROSS VEHICLE WT. (LBS.)	MAX. GROSS VEHICLE WT. (LBS.)
* 101/320	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000
* 101/322	30,000	20'-0"	30,000	20'-0"	30,000	20'-0"	50,000	50,000

HMA PAVING TRAIN

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

Bridge Design Engr.	Khaleghi, B	
Supervisor	ROSA, MA	
Designed By	PHILLIPS, D	12/21
Checked By	ROSA, MA	12/21
Detailed By	PHILLIPS, D	12/21
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\W-Team\US 101 W JEFFERSON AND CLALLAM COUTNIES - CHIP SEAL\Paving.MAN

DATE	REVISION	BY	APP'D

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

JOB NUMBER 22C503

CONTRACT NO.

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

BRIDGE AND STRUCTURES OFFICE

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

Washington State Department of Transportation

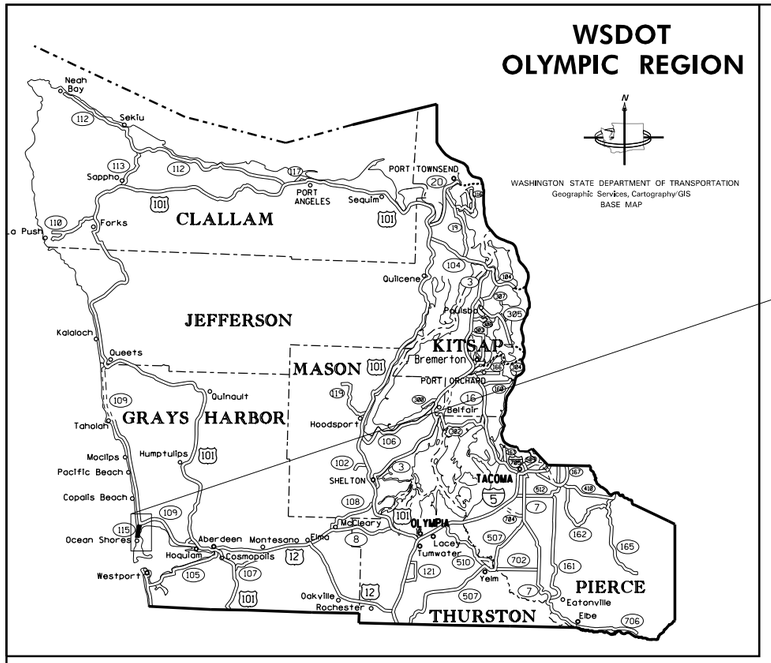
US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

BRIDGE CONSTR. LOAD RESTRICTION
HMA PAVING

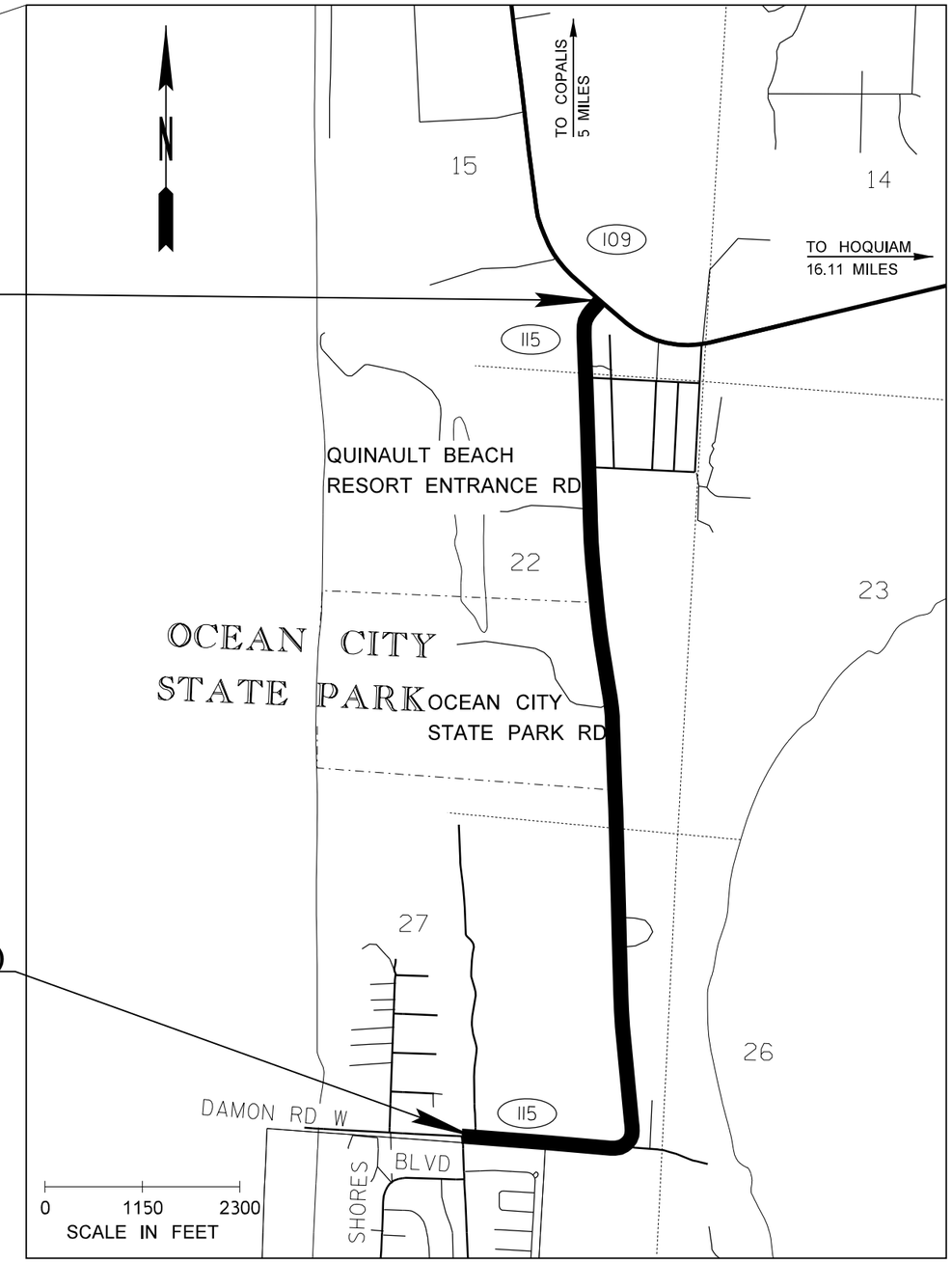
BRIDGE SHEET NO. BP2

SHEET 24 OF 41 SHEETS

Mon Apr 04 08:54:16 2022



T. 18N R.12W. W.M. SEC. 15, 22, 27



END SECTION 3
SR 115 MP 2.28

BEGIN F.A. NO. 0101(396)
BEGIN PROJECT
BEGIN SECTION 3
SR 115 MP 0.00

INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
25	VM3	INDEX & VICINITY MAP/SECTION 3
26	RS3	ROADWAY SECTIONS
27	PR3	PAVEMENT REPAIR
28	QT3	QUANTITY TABULATIONS
29	MS4	MISC. SCHEDULES

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\020-Vicinity\CAD\XL6453_PS_VM3.dgn
TIME	5:26:37 PM
DATE	4/20/2022
PLOTTED BY	mccanns
DESIGNED BY	S. MCCANN
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER 22C503

CONTRACT NO.

LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

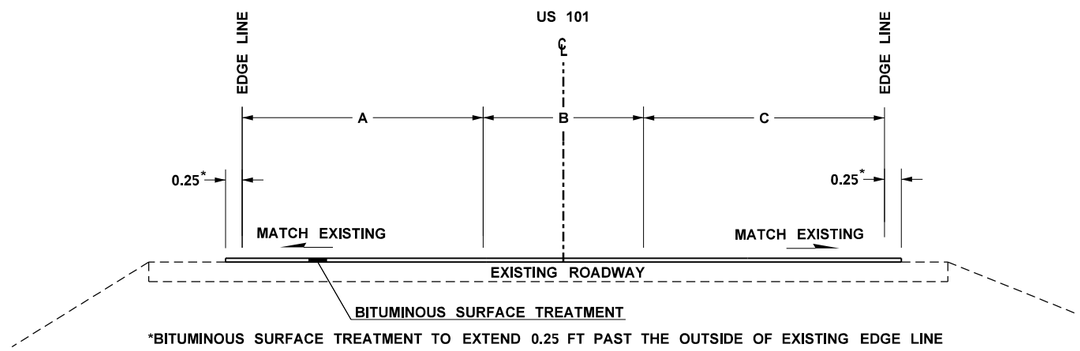
Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

VICINITY MAP (SECTION 3)

PLAN REF NO VM3

SHEET 25 OF 41 SHEETS



*BITUMINOUS SURFACE TREATMENT TO EXTEND 0.25 FT PAST THE OUTSIDE OF EXISTING EDGE LINE

ROADWAY SECTION

MP	TO	MP	A	B	C
0.00		1.26	11	0	11
1.26		1.32	11	0 - 12	11
1.32		1.40	11	12	11
1.40		1.45	11	12 - 0	11
1.45		1.68	11	0	11
1.68		1.76	11	0 - 13	11
1.76		1.83	11	13	11
1.83		1.87	23	13	11
1.87		1.89	23	13	11
1.89		1.91	23 - 11	13	11
1.91		1.97	11	13 -0	11
1.97		2.12	11	0	11
2.12		2.25	11	0 - 12	11
2.25		2.28	11	12	11

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

FILE NAME	G:\DESIGN\XL6453 ½ US 101 SR 115 Oly Peninsula Chip Seal and Bridge Repair\11 - PS&E\11.2 Microstation\Section 3\CAD\XL6453_PS_RS003.dgn
TIME	4:29:52 PM
DATE	4/20/2022
PLOTTED BY	mccanns
DESIGNED BY	M. COREY
ENTERED BY	S. MCCANN
CHECKED BY	M. SEVERSON / S. HARDY
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER 22C503

CONTRACT NO.

LOCATION NO. XL6453

P.E. STAMP BOX — DATE

KAREN DIANE BOONE — STATE OF WASHINGTON — 40354 — REGISTERED PROFESSIONAL ENGINEER

SEE SHEET CT1 — DATE

P.E. STAMP BOX

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ROADWAY SECTIONS (SECTION 3)

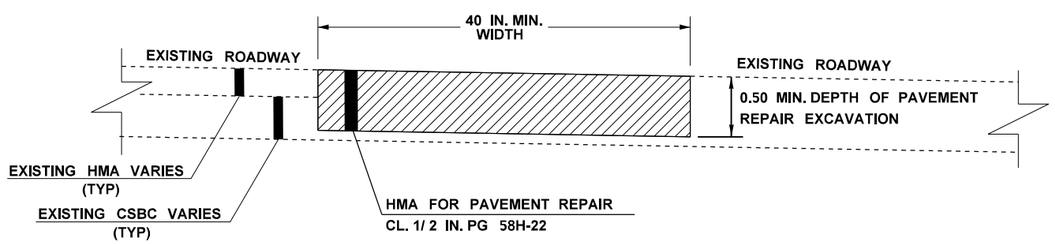
PLAN REF NO RS3

SHEET 26 OF 41 SHEETS

PAVEMENT REPAIR SCHEDULE - SR 115 - PARTIAL/FULL DEPTH

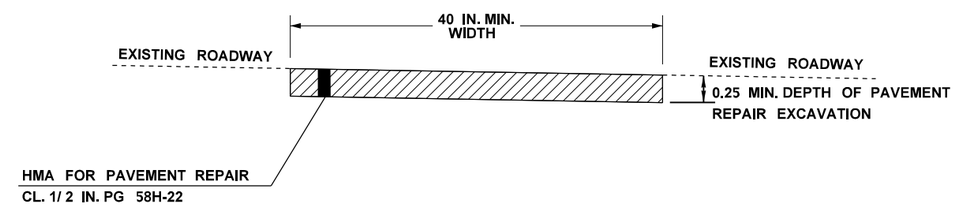
MILE POST LOCATION	LANE*	LENGTH (FT)	WIDTH (FT)	DEPTH
0.03	SB	49.0	9.5	PARTIAL
0.03	NB	11.5	4.5	PARTIAL
1.47	NB	36.5	3.3	PARTIAL
1.48	NB	12.0	6.0	FULL
1.49	NB	19.0	5.0	FULL
1.51	NB	7.0	4.0	FULL
1.52	NB	16.5	3.3	FULL

* SOUTHBOUND (SB)
NORTHBOUND (NB)
CENTERLINE (C)



PAVEMENT REPAIR FULL DEPTH

(NOT TO SCALE)



PAVEMENT REPAIR PARTIAL DEPTH

(NOT TO SCALE)

NOTE:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

2. ALL SURFACING AND PAVING DEPTHS ARE COMPACTED DEPTHS. LIFTS SHALL NOT EXCEED DEPTHS DEFINED IN THE STANDARD SPECIFICATIONS.

3. THE CONTRACTOR SHALL FOG SEAL PAVEMENT REPAIR AREAS PER SPECIAL PROVISION "PREPARATION OF ROADWAY SURFACE".

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 3)

LOCATION ➢ \ UNIT OF MEASURE ➢	PAINT LINE	PLASTIC WIDE LINE	PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PLASTIC JUNCTION BOX MARKING	RAISED PAVEMENT MARKER TYPE 2	WHITE PLASTIC RUMBLE BAR	SEE GENERAL NOTES
	L.F.	L.F.	S.F.	L.S.	EACH	EACH	HUND	EACH	
SR 115									
MP 0.00 TO 2.28	36180						2.4		1, 2, 3, 4, 5
MP 0.55 & MP 0.60 (LT.)								20	1, 6
POINT BROWN AVE NE									
MP 0.00 (RT.)				17					1, 7, 8
SHARED USE PATH X-ING									
MP 0.06 & MP 0.08 (RT.)						2			7, 9, 10
MP 0.07 (LT. & RT.)			96	22					1, 7, 8, 11
OCEAN CITY STATE PARK ACCESS									
MP 1.33 TO MP 1.40 (RT.)		330					0.2		1, 4, 7, 12
MP 1.33 & MP 1.35 (O.C.)					2				1, 7, 13
MP 1.34 (RT.)						1			7, 9, 10
MP 1.34 (LT.) & MP 1.39 (RT.)						2			1, 7, 9
MP 1.39 & MP 1.41 (O.C.)					2				7, 10, 14
QUINAULT BEACH RESORT ACCESS									
MP 1.78 TO 1.87 (RT.)		490					0.3		1, 4, 7, 12
MP 1.78 & MP 1.80 (O.C.)					2				1, 7, 13
MP 1.78, MP 1.81, MP 1.82, MP 1.87 (RT.)						4			1, 7, 9
MP 1.83 (LT. & RT.)						2			1, 7, 9
MP 1.83 TO MP 1.87 (LT.)		190			2		0.1		1,4,7,12,15
MP 1.84 & MP 1.89 (O.C.)					2				7, 10, 14
SR 109 INTERSECTION									
MP 2.16 TO MP 2.28 (O.C.)	640						1.3		1, 2, 16
MP 2.26 TO 2.28 (RT.)		90					0.1		1, 4, 7, 12
MP 2.26 & 2.27 (RT.)					2				1, 7, 15
MP 2.26 & 2.27 (O.C.)					2				1, 7, 17
MP 2.28 (RT.)				38					1, 7, 8
SHEET TOTAL	36820	1100	96	77	14	11	4.4	20	

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."
2. FOR LONGITUDINAL MARKING PATTERNS, SEE STD. PLAN M.20-10.
3. FOR PLACEMENT OF PAVEMENT MARKERS, SEE STD. PLAN M-20.30.
4. FOR PLACEMENT OF PAVEMENT MARKERS AT INTERSECTIONS, SEE STD. PLAN M-20.40.
5. BETWEEN MP 0.32 TO MP 0.42, USE RPM SPACING 20' O.C. ALONG YELLOW DOUBLE CENTERLINE.
6. SEE SHEET MS4 FOR PLASTIC RUMBLE BAR DETAILS.
7. ALL PLASTIC SHALL BE TYPE D.
8. STOP LINE, SEE STD.PLAN M-24.60.
9. JUNCTION BOX MARKING, SEE STD. PLAN M-24.60.
10. NEW MARKING, TO BE LOCATED IN FIELD.
11. NEW STOP LINES (EB & WB) TO BE PLACED 8' FROM EDGE OF CROSSWALK BARS, SEE STD. PLAN M-15.10 FOR ADDITIONAL CROSSWALK DESIGN AND LAYOUT DETAILS.
12. WHITE WIDE SOLID LANE LINE, SEE STD. PLAN M.20.10.
13. TYPE 2L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT LEFT TURN CHANNELIZATION, SEE STD. PLAN M-3.30.
14. TYPE 6R (RIGHT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT LEFT TURN CHANNELIZATION, SEE STD. PLAN M-3.30.
15. TYPE 2R (RIGHT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT RIGHT TURN CHANNELIZATION, SEE STD. PLAN M-5.10.
16. USE YELLOW DOUBLE CENTERLINE 12" (IN.) WIDE PATTERN WITH TWO TYPE 2YY RPM'S AT 10' OC.
17. TYPE 2L (LEFT) TRAFFIC ARROW, SEE STD. PLAN M-24.20. FOR LAYOUT AT LEFT TURN CHANNELIZATION, SEE STD. PLAN M-3.10.

DESIGNED BY	M. COREY	03/01/22		
ENTERED BY	J. FIGLAR-BARNES	04/18/22		
CHECKED BY	S. HARDY	04/18/22		
PROJ. ENGR.	K. BOONE			
REGION ADM.	S. ROARK			
		DATE	**DATE**	**REVISION**

BY

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

JOB NUMBER 22C503

CONTRACT NO.

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

QUANTITY TABULATION - PAVING / PAVEMENT MARKINGS (SECTION 3)

QT3

SHEET 28 **OF** 41 **SHEETS**

PLASTIC DRAINAGE MARKING

SR 115 MILEPOST	OFFSET	QUANTITY	TYPE
0.07	LT & RT	2	CROSS CULVERT
0.32	LT & RT	2	CROSS CULVERT
1.31	LT & RT	2	CROSS CULVERT
2.28	LT & RT	2	CROSS CULVERT
	TOTAL	8	

SEE STANDARD PLAN M-24.60

PLASTIC DRAINAGE MARKING SHALL BE TYPE D

FLEXIBLE GUIDE POSTS - US 101 - CURVES, BRIDGES, & INTERSECTIONS

MILEPOST	MILEPOST	RADIUS	RROADWAY ELEMENT/ INTERSECTION	GUIDE POST SPACING (FT)	FLEXIBLE GUIDE POSTS
0.01		N/A	POINT BROWN AVE NE	N/A	10
0.03		N/A	OYEHUT RD	N/A	4
0.21		N/A	NORTH BEACH HIGH SCHOOL	N/A	8
0.33	0.40	204.64	CURVE	35.0	12
0.37		N/A	DAMON RD	N/A	16
0.61	0.68	5730	CURVE	220	3
1.28		N/A	OCEAN CITY STATE PARK RD	N/A	10
1.36	1.41	5730	CURVE	220	4
1.49	1.56	5730	CURVE	220	3
1.67	1.75	5730	CURVE	220	3
1.82		N/A	QUINAULT RESOURT RD	N/A	8
1.90		N/A	SHAMROCK WAY	N/A	8
2.10		N/A	PARTICK WAY	N/A	8
2.25	2.29	300	CURVE	50	6
2.28		N/A	SR 109 / SR 115 INTERSECTION	N/A	8
				TOTAL	111

FLEXIBLE GUIDE POSTS - US 101 - BARRIER

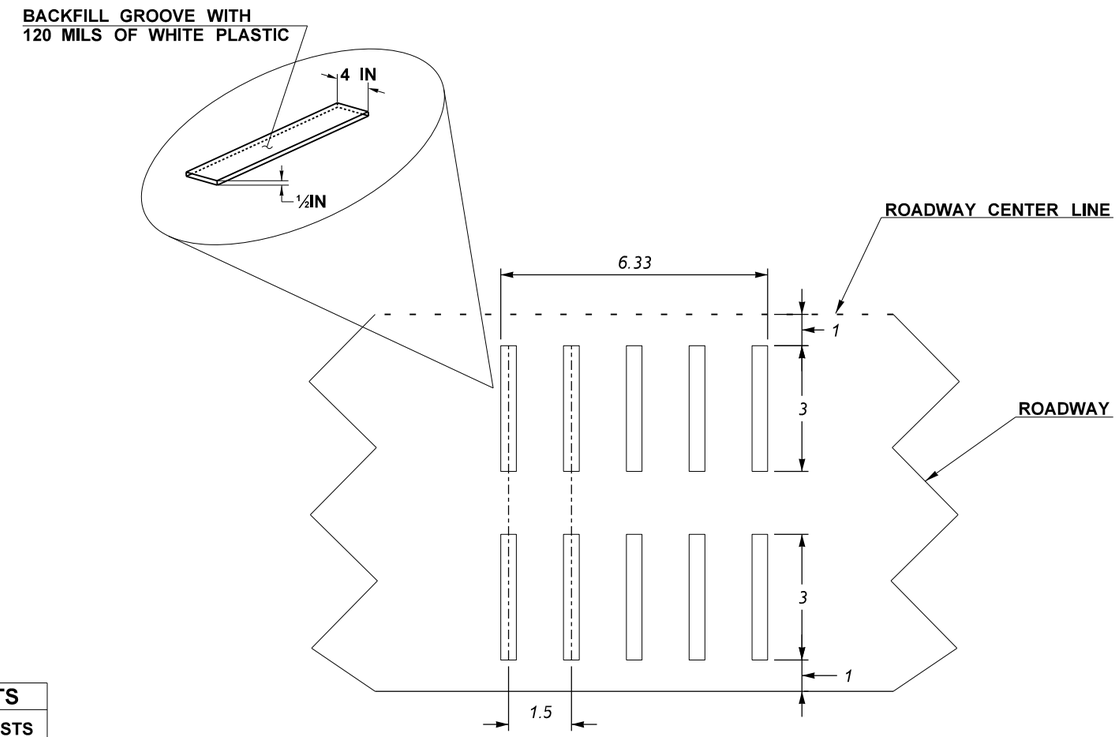
MILEPOST	MILEPOST	SIDE	FLEXIBLE GUIDE POSTS
1.73	1.79	LEFT	8
1.82	1.89	LEFT	9
		TOTAL	17

FLEXIBLE GUIDEPOSTS SHALL BE PLACED AT 40 FT SPACING

FLEXIBLE GUIDE POSTS - US 101 - TANGENTS

MILEPOST	MILEPOST	SPACING (FT)	FLEXIBLE GUIDE POSTS
0.00	2.28	264	37

GUIDEPOSTS SHALL BE PLACED ON ALTERNATING SIDES OF TANGENTS AT THE SHOWN SPACING.



WHITE PLASTIC RUMBLE BAR DETAIL

(NOT TO SCALE)

SEE SPECIAL PROVISION "WHITE PLASTIC RUMBLE BAR"

GENERAL NOTES

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
2. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING PAVEMENT MARKINGS TO PRE-PROJECT CONDITIONS UNLESS OTHERWISE NOTED. SEE SPECIAL PROVISION, "PAVEMENT MARKING, PRELIMINARY SPOTTING."
3. FLEXIBLE GUIDEPOSTS SHALL BE WHITE UNLESS OTEHRWISE NOTED
4. FOR FLEXIBLE GUIDE POSTS, SEE STD. PLAN M-40.10, M-40.30, M-40.40, &M-40.50

1

SP-1
48"x60"

ROAD WORK	6C
CHIP SEAL	6C
NEXT 2 MILES	6B
DATE TO DATE	5B

M4 - MOD
48"x18"
HWY 115 8C

POINT BROWN AVE NE
- 200' BEFORE SR 115
DAMON RD
- 200' BEFORE SR 115
SR 109 - MP 15.80 (RT)
SR 109 - MP 16.40 (LT)

2

FOR PROJECT INFORMATION
1-XXX-XXX-XXXX
Washington State Department of Transportation

G24-501
48"X36"

PHONE NUMBER TO BE SUPPLIED BY CN PEO

SR 115 - MP 0.03 (RT)
SR 109 - MP 15.90 (RT)
SR 109 - MP 16.30 (LT)

3

NOTICE
TRAFFIC FINES
DOUBLE
IN
WORK ZONES

I20-301
48"X60"
BLACK ON WHITE

SR 115 - MP 0.07 (RT)
SR 109 - MP 16.00 (RT)
SR 109 - MP 16.20 (LT)

4

END
ROAD WORK

G20-2A
48"X24"

SR 115 - MP 0.00 (LT)
SR 109 - MP 15.80 (LT)
SR 109 - MP 16.40 (RT)

DO NOT PASS

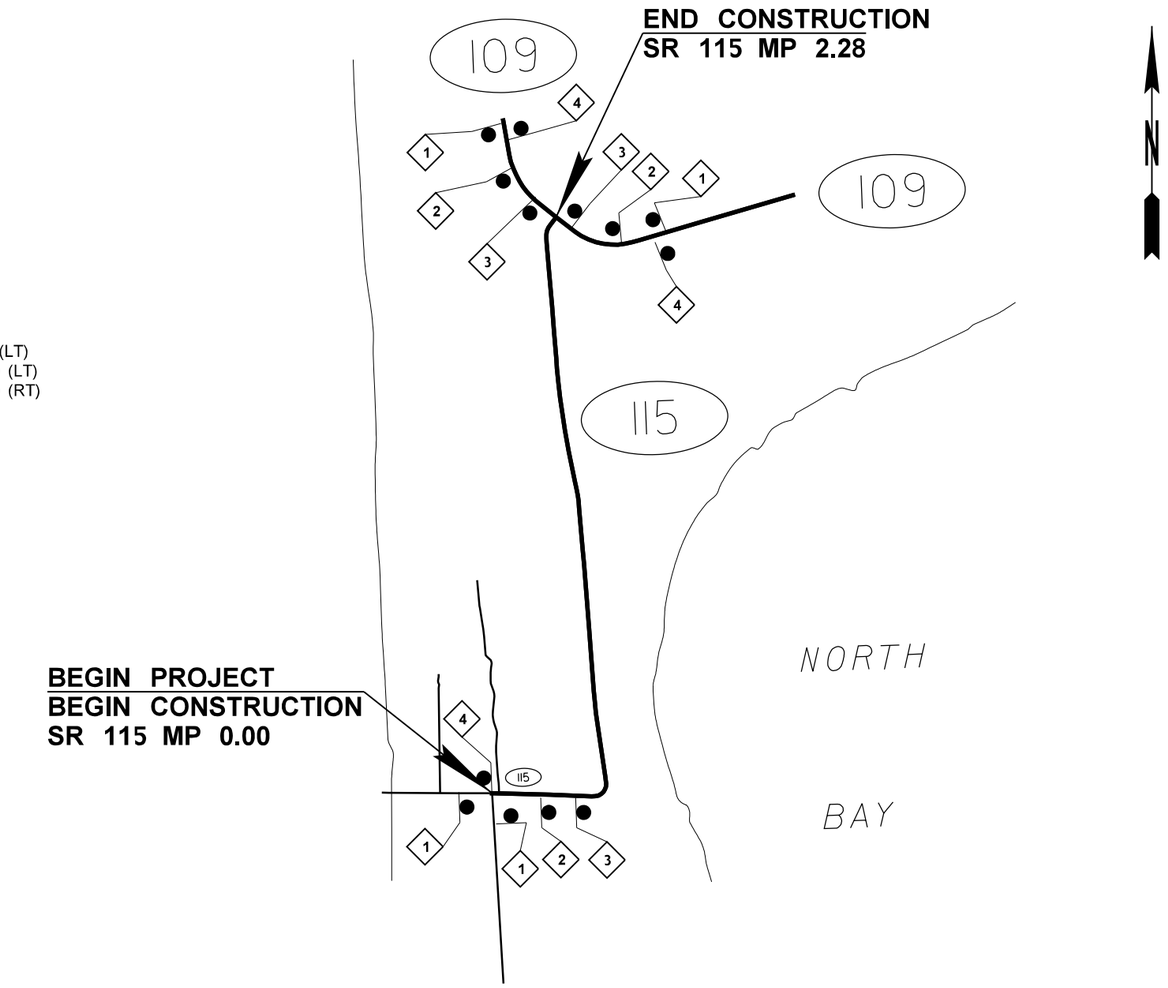
R4-1
36" X 48"
BLACK ON WHITE

PASS WITH CARE

R4-2
36" X 48"
BLACK ON WHITE

SR 115 - MP 0.00 TO MP 2.28	
INCREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
0.04	0.42
0.52	0.62
1.13	2.28

SR 115 - MP 0.00 TO MP 2.28	
DECREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
2.28	1.26
0.78	0.68
0.53	0.04



LEGEND

SIGN LOCATION - POST MOUNT (CLASS "A")

SIGN NOTE FLAG

(NOT TO SCALE)

NOTES

1. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
2. ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN, ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SHOWN.
3. ALL SIGN LOCATIONS ARE APPROXIMATE, SIGN SPACING SHALL BEEN ADJUSTED TO ACCOMMODATE INTERSECTIONS AND TO FIT ROADWAY CONDITIONS.

pw:\\HQOLYMAPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\10183.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn

FILE NAME	G:\Design\Projects\101\XL6453 - US 101 & SR 115, Olympic Peninsula Chip Seal_CAD_SheetFiles\TZ WZTC\XL6453 - traffic control.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:14:15 AM				JOB NUMBER		
DATE	4/7/2022						
PLOTTED BY	nashw						
DESIGNED BY	C. HINDS				CONTRACT NO.		LOCATION NO. XL6453
ENTERED BY	C. HINDS						
CHECKED BY	M. MIES						
PROJ. ENGR.	K. BOONE						
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ADVANCED SIGN PLAN

PLAN REF NO TC1

SHEET 30 OF 41 SHEETS

1

ROAD WORK	6C
CHIP SEAL	6C
NEXT 17 MILES	6B
DATE TO DATE	5B

SP-1
48"x60"

US 101 - MP 159.10 (RT)
US 101 - MP 177.63 (LT)

2

FOR PROJECT INFORMATION
1-XXX-XXX-XXXX
Washington State Department of Transportation

G24-501
48"X36"

PHONE NUMBER TO BE SUPPLIED BY CN PEO

US 101 - MP 159.20 (RT)
US 101 - MP 177.53 (LT)

3

NOTICE
TRAFFIC FINES
DOUBLE
IN
WORK ZONES

I20-301
48"X60"
BLACK ON WHITE

US 101 - MP 159.30 (RT)
US 101 - MP 177.43 (LT)

4

END
ROAD WORK

G20-2A
48"X24"

US 101 - MP 159.10 (LT)
US 101 - MP 176.74 (RT)

DO NOT PASS

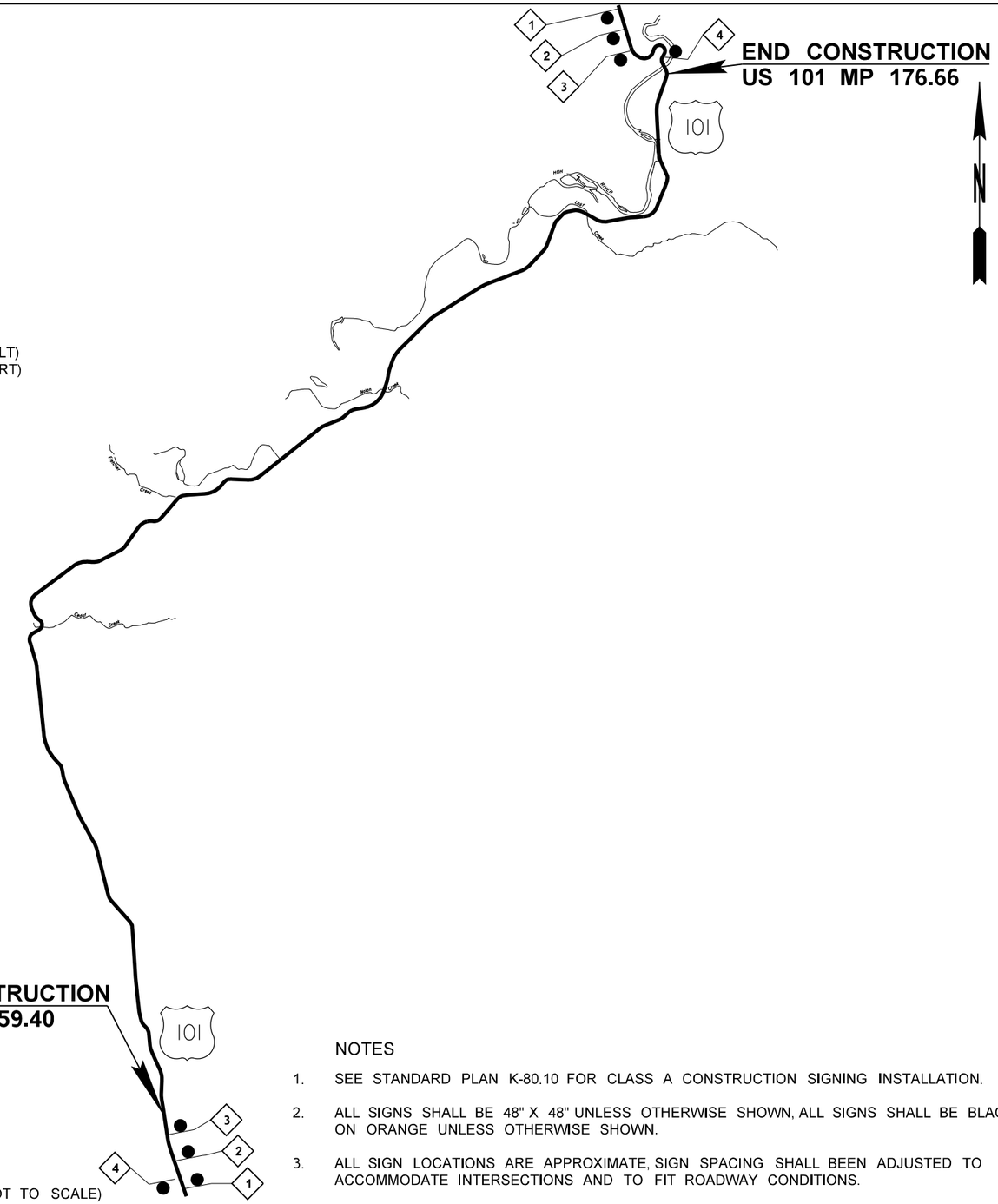
R4-1
36" X 48"
BLACK ON WHITE

PASS WITH CARE

R4-2
36" X 48"
BLACK ON WHITE

US 101 - MP 159.40 TO MP 176.66	
INCREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
159.40	160.14
160.31	160.59
160.75	161.38
161.64	162.40
162.63	163.45
164.21	
164.86 = 164.92	
	165.39
165.80	166.26
166.42	166.62
188.75	168.73
169.36	170.98
171.33	171.56
171.60=171.65	
172.09	172.40
172.68	172.87
173.00	173.20
173.34	174.14
174.24=174.26	
174.36	175.57
175.78	176.18
176.33	

US 101 - MP 159.40 TO MP 176.66	
DECREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
176.66	175.94
175.69	174.75
174.42	
174.26=174.24	
	173.54
173.41	173.17
173.03	172.77
172.61	172.27
171.72	
171.65=171.60	
	171.49
171.08	170.88
170.69	169.57
168.89	166.94
166.78	166.59
166.46	166.00
165.51	
164.92=164.86	
	164.35
163.59	162.79
162.57	161.77
161.55	160.94
160.77	160.58
160.33	160.06
159.96	



(NOT TO SCALE)

LEGEND

SIGN LOCATION - POST MOUNT (CLASS "A")

SIGN NOTE FLAG

NOTES

1. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
2. ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN, ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SHOWN.
3. ALL SIGN LOCATIONS ARE APPROXIMATE, SIGN SPACING SHALL BEEN ADJUSTED TO ACCOMMODATE INTERSECTIONS AND TO FIT ROADWAY CONDITIONS.

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101\83.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn

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TIME	10:15:14 AM
DATE	4/7/2022
PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ADVANCED SIGN PLAN

PLAN REF NO TC2

SHEET 31 OF 41 SHEETS

1

SP-1
48"x60"

US 101 - MP 210.00 (RT)
US 101 - MP 220.17 (LT)

2

G24-501
48"X36"

PHONE NUMBER TO BE SUPPLIED BY CN PEO

US 101 - MP 210.15 (RT)
US 101 - MP 220.02 (LT)

3

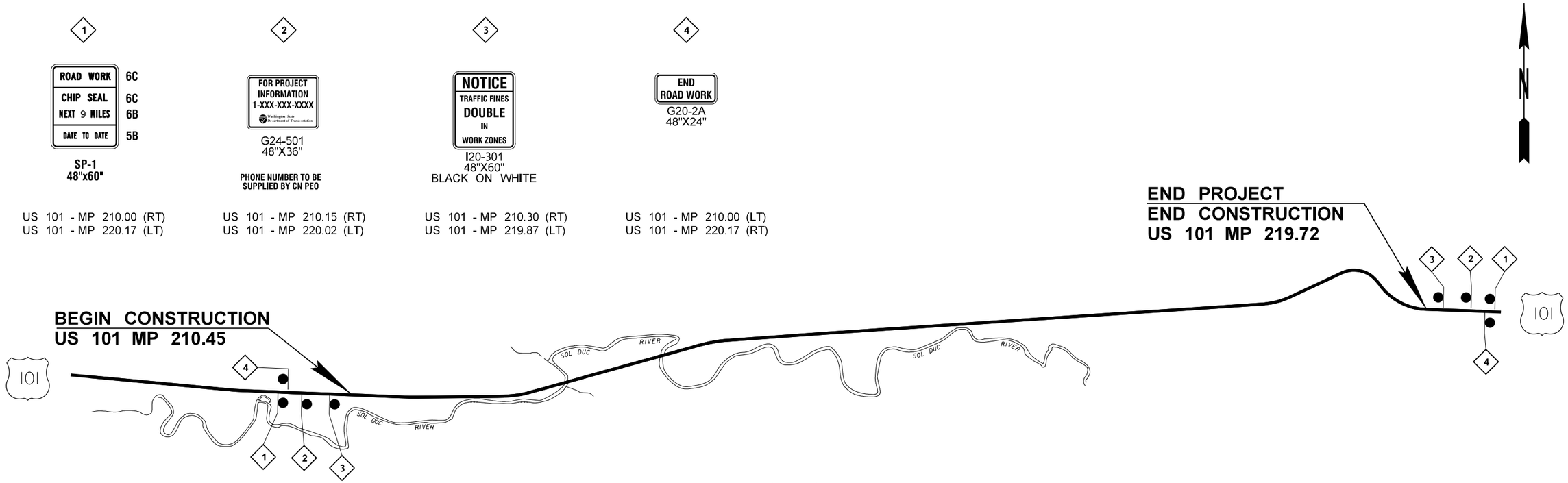
I20-301
48"X60"
BLACK ON WHITE

US 101 - MP 210.30 (RT)
US 101 - MP 219.87 (LT)

4

G20-2A
48"X24"

US 101 - MP 210.00 (LT)
US 101 - MP 220.17 (RT)



R4-1
36" X 48"
BLACK ON WHITE

R4-2
36" X 48"
BLACK ON WHITE

US 101 - MP 210.45 TO MP 219.72	
INCREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
210.45	210.48
211.06	211.89
212.68	213.02
216.07	216.14
217.93	

US 101 - MP 210.45 TO MP 219.72	
DECREASING MILE POST (RT)	
DO NOT PASS R4-1	PASS WITH CARE R4-2
219.72	218.82
218.40	218.17
216.14	215.97
213.16	212.93
212.01	211.13
210.65	210.44

LEGEND

SIGN LOCATION - POST MOUNT (CLASS "A")

SIGN NOTE FLAG

(NOT TO SCALE)

NOTES

1. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
2. ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE SHOWN, ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS OTHERWISE SHOWN.
3. ALL SIGN LOCATIONS ARE APPROXIMATE, SIGN SPACING SHALL BEEN ADJUSTED TO ACCOMMODATE INTERSECTIONS AND TO FIT ROADWAY CONDITIONS.

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101\83.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn

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TIME	10:16:11 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	4/7/2022						
PLOTTED BY	nashw				JOB NUMBER		
DESIGNED BY	C. HINDS						
ENTERED BY	C. HINDS						
CHECKED BY	M. MIES				CONTRACT NO.		LOCATION NO. XL6453
PROJ. ENGR.	K. BOONE						
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

ADVANCED SIGN PLAN

PLAN REF NO TC3

SHEET 32 OF 41 SHEETS

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

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

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

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

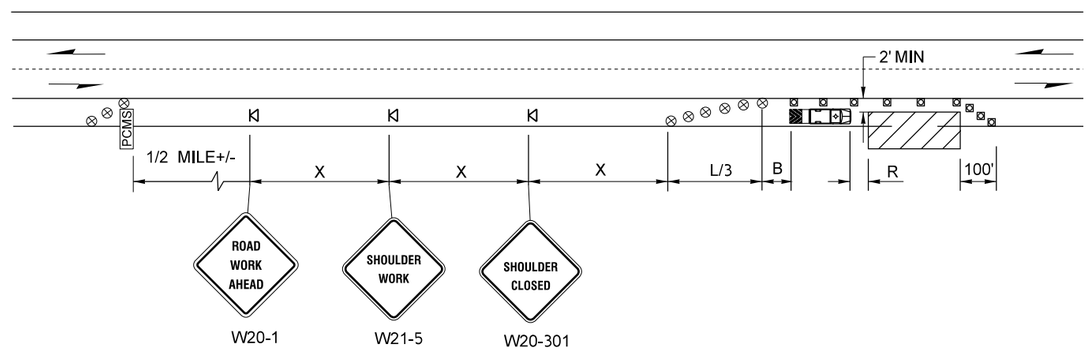
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R					
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'

PROTECTIVE VEHICLE (WORK VEHICLE) = R
NO SPECIFIED DISTANCE REQUIRED

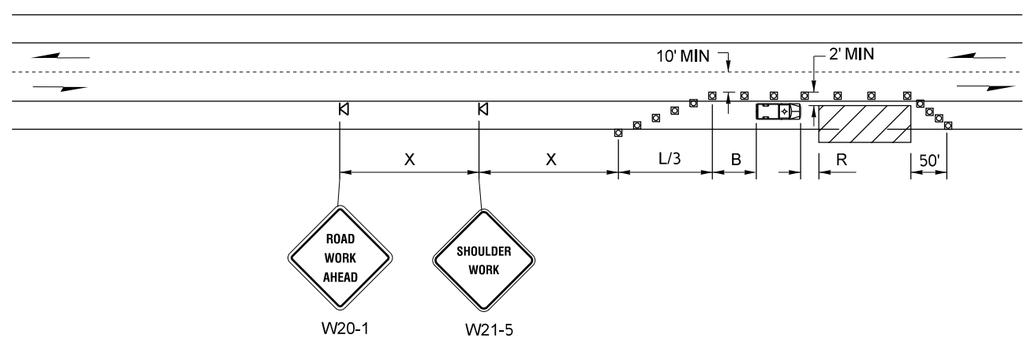
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
SHOULDER CLOSED AHEAD	1 MILE AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



SHOULDER CLOSURE - HIGH SPEED (> 40 MPH)



SHOULDER CLOSURE - LOW SPEED (≤ 40 MPH)

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT (CLASS "B")
- TRAFFIC CONE
- TRAFFIC SAFETY DRUM
- TRAVEL DIRECTION OF OPEN LANE
- PROTECTIVE VEHICLE - ATTENUATOR OPTIONAL FOR SPEEDS 40MPH OR LESS
- PROTECTIVE VEHICLE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 8)
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
3. PROTECTIVE VEHICLE REQUIRED - MAY BE A WORK VEHICLE FOR SPEEDS 40 MPH OR LESS.
4. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
5. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.
6. DURING HIGH SPEED CLOSURE NO ENCROACHMENT ON TRAVELED LANE. IF ENCROACHMENT IS NECESSARY, LANE SHALL BE CLOSED USING AN APPROVED PLAN.
7. CLOSURES NEAR INTERSECTIONS SHALL NOT BLOCK SIGHT DISTANCE FOR VEHICLES ENTERING FROM THE SIDE ROAD.

NOT TO SCALE

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TIME	12:44:49 PM
DATE	4/7/2022
PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

TRAFFIC CONTROL

PLAN REF NO TC4

SHEET 33 OF 41 SHEETS

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101\83.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn

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

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

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730

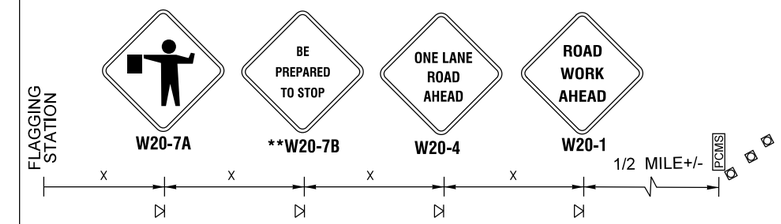
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R

HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'

PROTECTIVE VEHICLE (WORK VEHICLE) = R

NO SPECIFIED DISTANCE REQUIRED

SIGN SEQUENCE A OR B*

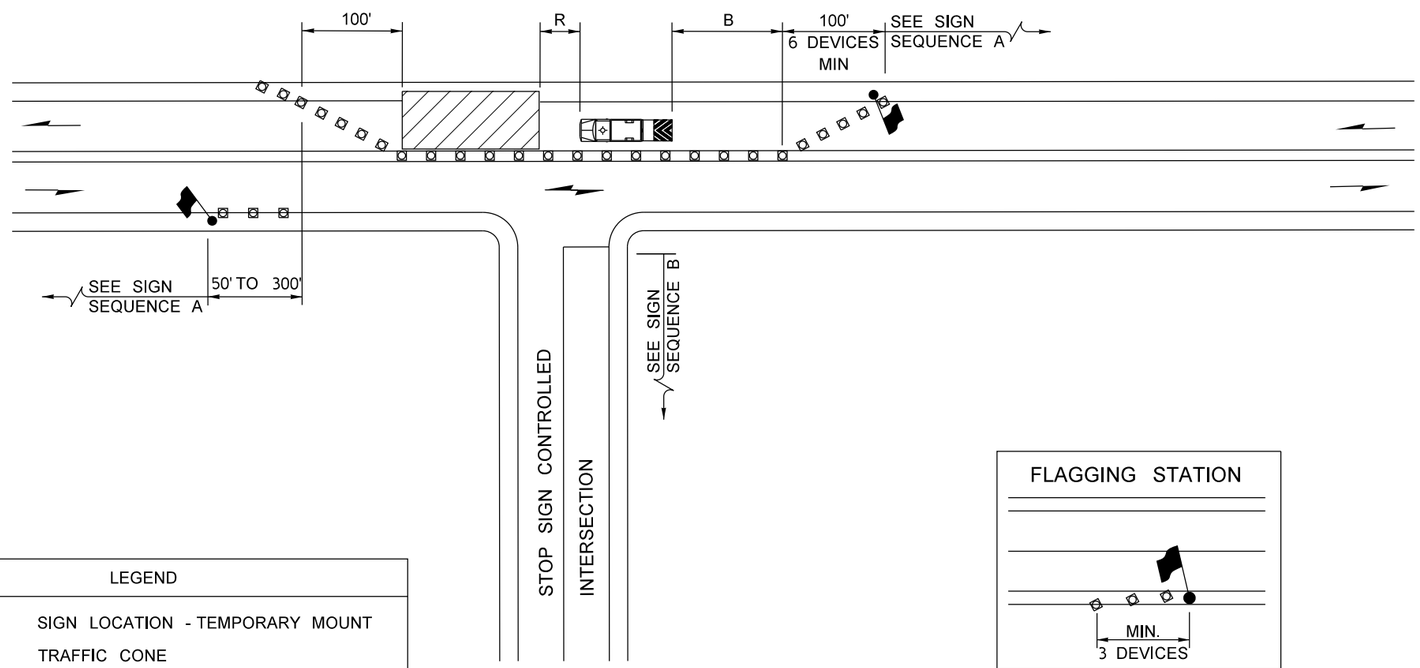


* SIGN SEQUENCE "B" DOES NOT CONTAIN A PCMS MESSAGE BOARD
** OPTIONAL IF 40 MPH OR LESS

PCMS	
1	2
FLAGGER AHEAD 1 MILE	EXPECT XX MIN DELAYS
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC CONE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- PROTECTIVE VEHICLE - ATTENUATOR OPTIONAL FOR SPEEDS 40MPH OR LESS
- WORK AREA

ALTERNATING ONE-WAY TRAFFIC
FLAGGER CONTROLLED

NOT TO SCALE

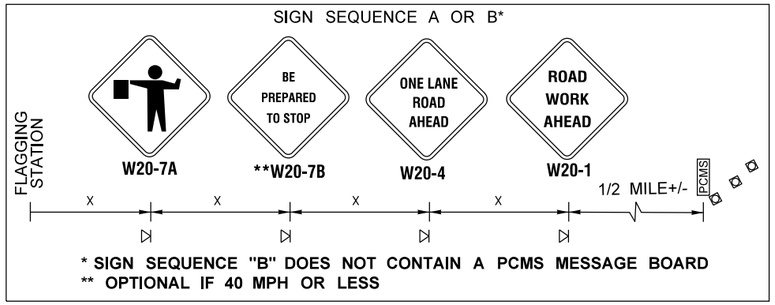
NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
3. PROTECTIVE VEHICLE REQUIRED - MAY BE A WORK VEHICLE FOR SPEEDS 40 MPH OR LESS.
4. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
5. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE SECTION 1-10.3(1)A.
6. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
7. WHEN USED, THE DOWNSTREAM TAPER DEVICE SPACING SHALL BE 20' O.C.
8. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.

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

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

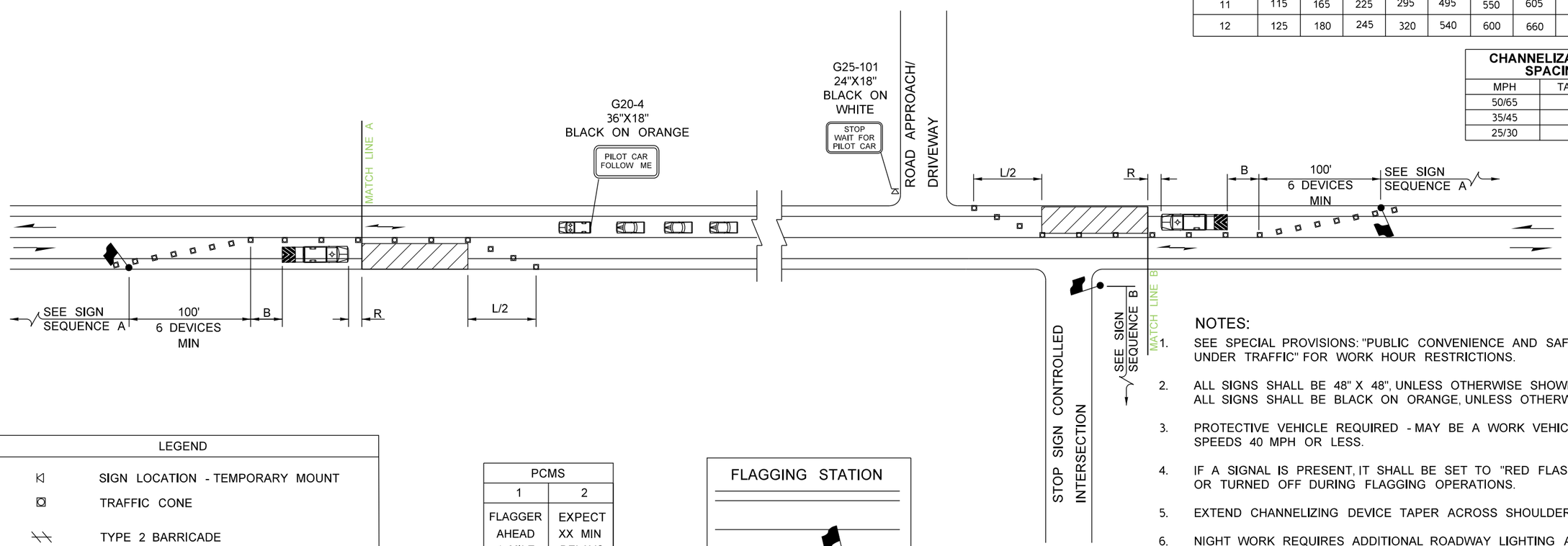
PROTECTIVE VEHICLE (WORK VEHICLE) = R
NO SPECIFIED DISTANCE REQUIRED



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

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

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
3. PROTECTIVE VEHICLE REQUIRED - MAY BE A WORK VEHICLE FOR SPEEDS 40 MPH OR LESS.
4. IF A SIGNAL IS PRESENT, IT SHALL BE SET TO "RED FLASH MODE" OR TURNED OFF DURING FLAGGING OPERATIONS.
5. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
6. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE SECTION 1-10.3(1)A.
7. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
8. WHEN USED, THE DOWNSTREAM TAPER DEVICE SPACING SHALL BE 20' O.C.
9. SIGN G25-101 IS NOT REQUIRED TO BE ALUMINUM SUBSTRATE AND CAN BE MADE OF ALTERNATIVE MATERIALS.
10. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.

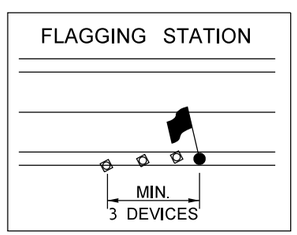
LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC CONE
- TYPE 2 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 10)
- FLAGGING STATION
- PROTECTIVE VEHICLE - ATTENUATOR OPTIONAL FOR SPEEDS 40MPH OR LESS
- MOTORIST VEHICLE
- WORK AREA

PCMS	
1	2
FLAGGER AHEAD 1 MILE	EXPECT XX MIN DELAYS
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.



PILOT CAR OPERATION

NOT TO SCALE

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101\83.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic_Control\XL6041_SH_TC_5.dgn

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DATE	4/7/2022
PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

TRAFFIC CONTROL

PLAN REF NO TC6

SHEET 35 OF 41 SHEETS

PCMS	
1	2
FLAGGER AHEAD 1 MILE	EXPECT XX MIN DELAYS
2.0 SEC	2.0 SEC

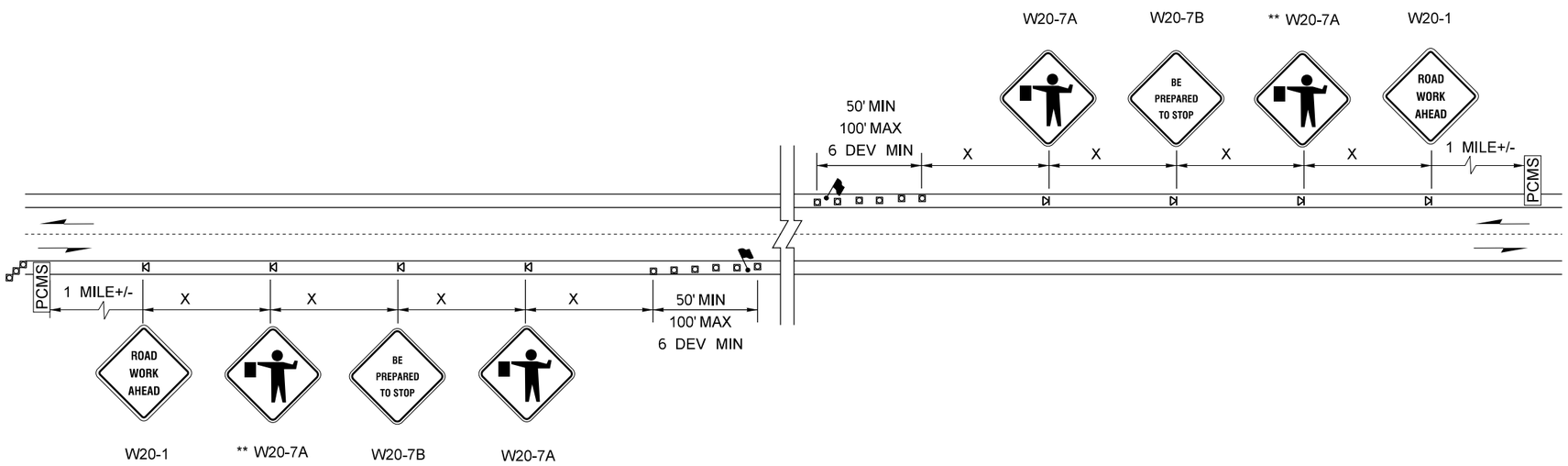
LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.

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

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

** OPTIONAL IF 40 MPH OR LESS



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC CONES
- FLAGGING STATION
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN. (SEE NOTE 5)

SHORT TERM TRAFFIC STOP

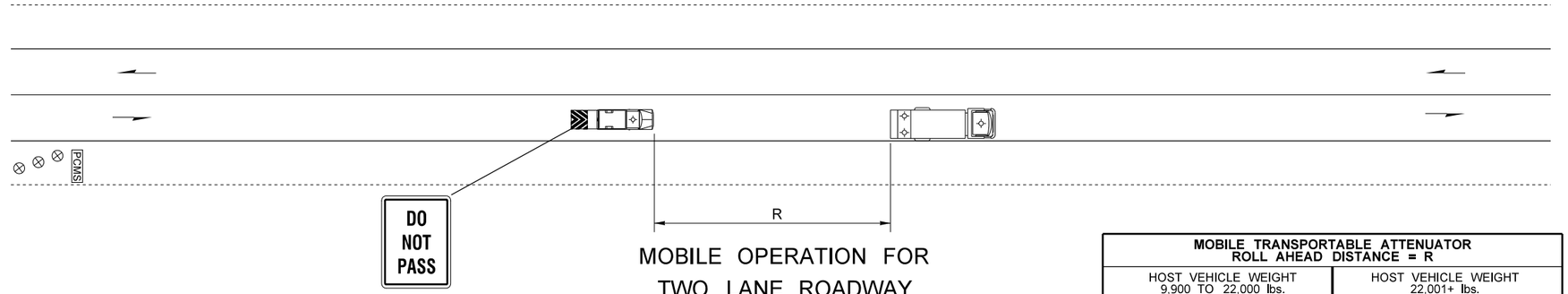
NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. AT NO TIME SHALL TRAFFIC ON ROADWAY BE STOPPED FOR LONGER THAN 15 MINUTES.
3. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
4. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE SECTION 1-10.3(1)A.
5. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.

PCMS	
1	2
ROADWAY PAINTING AHEAD	SLOW OR STOPPED TRAFFIC
2.0 SEC	2.0 SEC

FOR EDGE LINE OPERATION

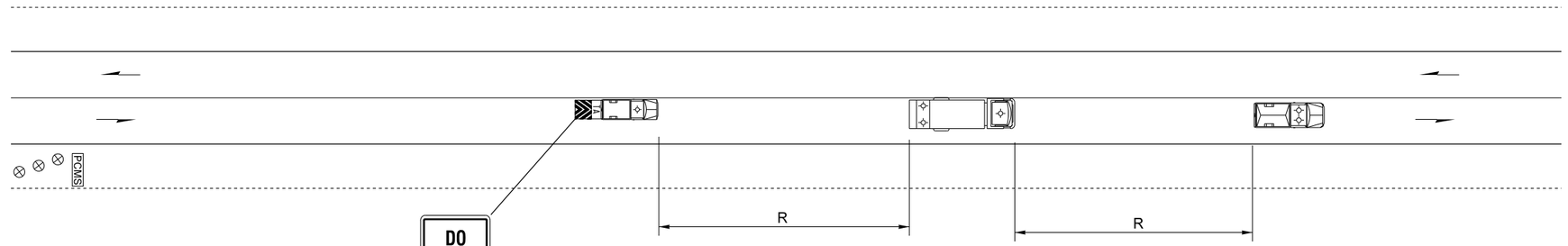


MOBILE OPERATION FOR TWO LANE ROADWAY EDGE LINE STRIPING AND INLET PROTECTION

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

PCMS	
1	2
ROADWAY PAINTING AHEAD	SLOW OR STOPPED TRAFFIC
2.0 SEC	2.0 SEC

FOR CENTER LINE OPERATION



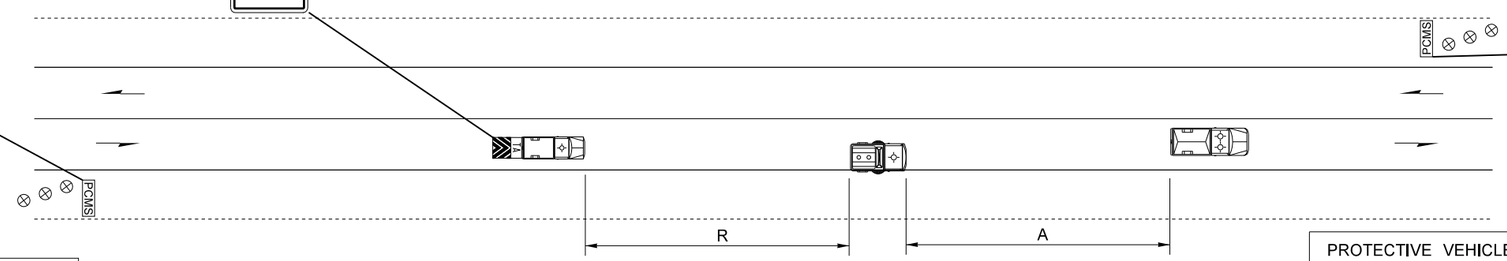
MOBILE OPERATION FOR TWO LANE ROADWAY CENTERLINE STRIPING

PCMS	
1	2
ROADWAY SWEEPING AHEAD	SLOW OR STOPPED TRAFFIC
2 SEC	2 SEC

FOR BROOMING OPERATION

PCMS	
1	2
ROADWAY SWEEPING AHEAD	KEEP RIGHT
2 SEC	2 SEC

FOR BROOMING OPERATION



MOBILE OPERATION FOR TWO LANE ROADWAY BROOMING

NOT TO SCALE

PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = A
LEAD VEHICLE DISTANCES SHALL BE DETERMINED IN FIELD BASED ON WORK OPERATION AND SITE SPECIFIC CONDITIONS

LEGEND

- ⊗ TRAFFIC SAFETY DRUM
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 3)
- PAINT VEHICLE
- LEAD VEHICLE WITH BEACON
- PROTECTIVE VEHICLE - ATTENUATOR OPTIONAL FOR SPEEDS 40MPH OR LESS
- BROOMING VEHICLE

MOBILE OPERATION FOR STRIPING

NOT TO SCALE

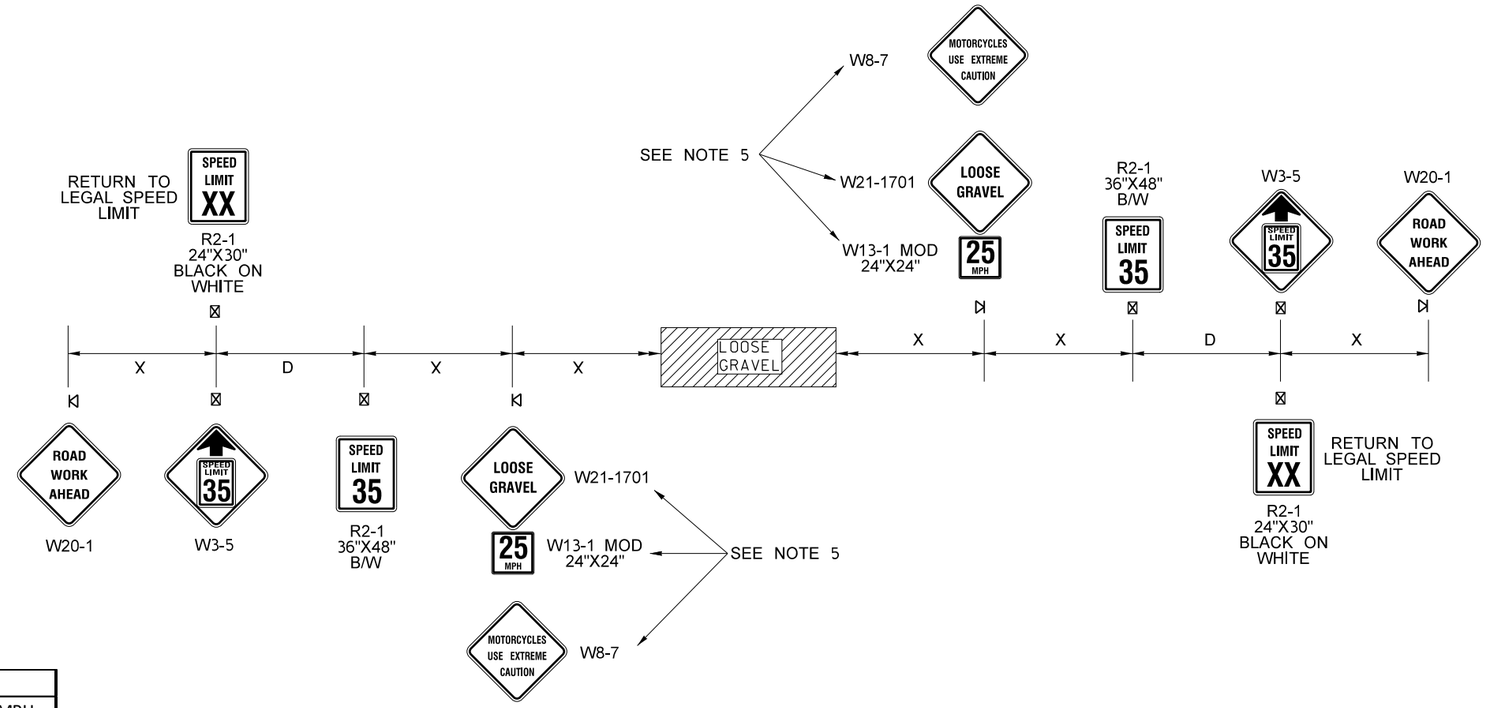
NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
3. PCMS SHALL HAVE 4' CLEARANCE TO TRAVELED LANE: IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.
4. PCMS SHALL NOT BE MORE THAN 2 MILES FROM THE ACTUAL WORK OPERATION.

POSTED SPEED	REDUCED SPEED = D MIN 65	60	55	50	45	40	35	30	25
70	430	720	1000	1250	1470	1670	1850	2000	2140
65	-	390	660	910	1140	1340	1520	1670	1800
60	-	-	350	600	820	1030	1200	1360	1490
55	-	-	-	310	540	740	920	1070	1200
50	-	-	-	-	270	470	650	810	940
45	-	-	-	-	-	230	410	570	700
40	-	-	-	-	-	-	200	350	480
35	-	-	-	-	-	-	-	160	290
30	-	-	-	-	-	-	-	-	120
25	-	-	-	-	-	-	-	-	-

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

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



SIGN COVERING			
SR 115, MP 0.00 - MP 2.28			
Mile Post	NB or SB	Speed	SF(FT^2)
MP 0.49	NB	50mph	5
MP 2.09	SB	50mph	6
US 101, MP 159.40 - MP 176.66			
Mile Post	NB or SB	Speed	SF(FT^2)
MP 164.27	SB	55mph	5
MP 167.41	SB	55mph	5
MP 167.67	NB	55mph	5
MP 174.29	SB	55mph	5
MP 176.09	NB	55mph	5
US 101, MP 210.45 - MP 219.72			
Mile Post	EB or WB	Speed	SF(FT^2)
MP 210.91	WB	60mph	12
MP 215.53	EB	60mph	7.5
MP 216.14	WB	60mph	7.5
MP 216.41	EB	60mph	7.5
MP 218.98	WB	60mph	12

Existing Speed Limits			
SR	FROM MP	TO MP	MPH
SR 115	0	0.5	30
	0.5	2.28	50
US 101	159.4	176.66	55
US 101	210.45	219.72	60

W21-1701

REQUIRED WARNING SIGN-
LOCATE AS NEEDED FOR SITE CONDITIONS

W21-801

W8-2001

W8-1801

W8-1

MOTORCYCLE WARNING SIGN (W21-1701) SHALL BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS, AS PART OF A SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS ALSO, ON 1 MILE SPACING.

ALL SIGNS SHALL BE 48" X 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.

NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC"
2. SPEED REDUCTION SIGNING SHALL ONLY REMAIN IN PLACE IF LOOSE GRAVEL IS PRESENT. AFTER FINAL BROOMING IS ACCEPTED, SPEED REDUCTION SIGNS SHALL BE REMOVED, OR RELOCATED
3. IN ACCORDANCE WITH SECTION 1-10.3(3) CONSTRUCTION SIGNING, ALL CONFLICTING SIGNS SHALL BE COVERED WHILE SPEED REDUCTION SIGNS ARE IN PLACE. SEE SIGN COVERING TABLE THIS SHEET FOR KNOWN EXISTING SPEED LIMIT SIGNS.
4. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
5. MOTORCYCLE WARNING SIGNS ALONG WITH LOOSE GRAVEL AND 25 MPH SPEED SIGNS SHALL BE INSTALLED AT ONE MILE SPACING THROUGH THE PROJECT WHERE THE CONDITION EXISTS.
6.. SPEED REDUCTION SIGNS SHALL BE POST MOUNT CLASS A SIGNS IF IN PLACE FOR LONGER THAN 3 DAYS.

LEGEND

SIGN LOCATION - TEMPORARY MOUNT

SIGN LOCATION - TEMPORARY MOUNT -5' MIN MOUNTING HEIGHT

WORK AREA

MISCELLANEOUS DETAILS

NOT TO SCALE

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DATE	4/7/2022
PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

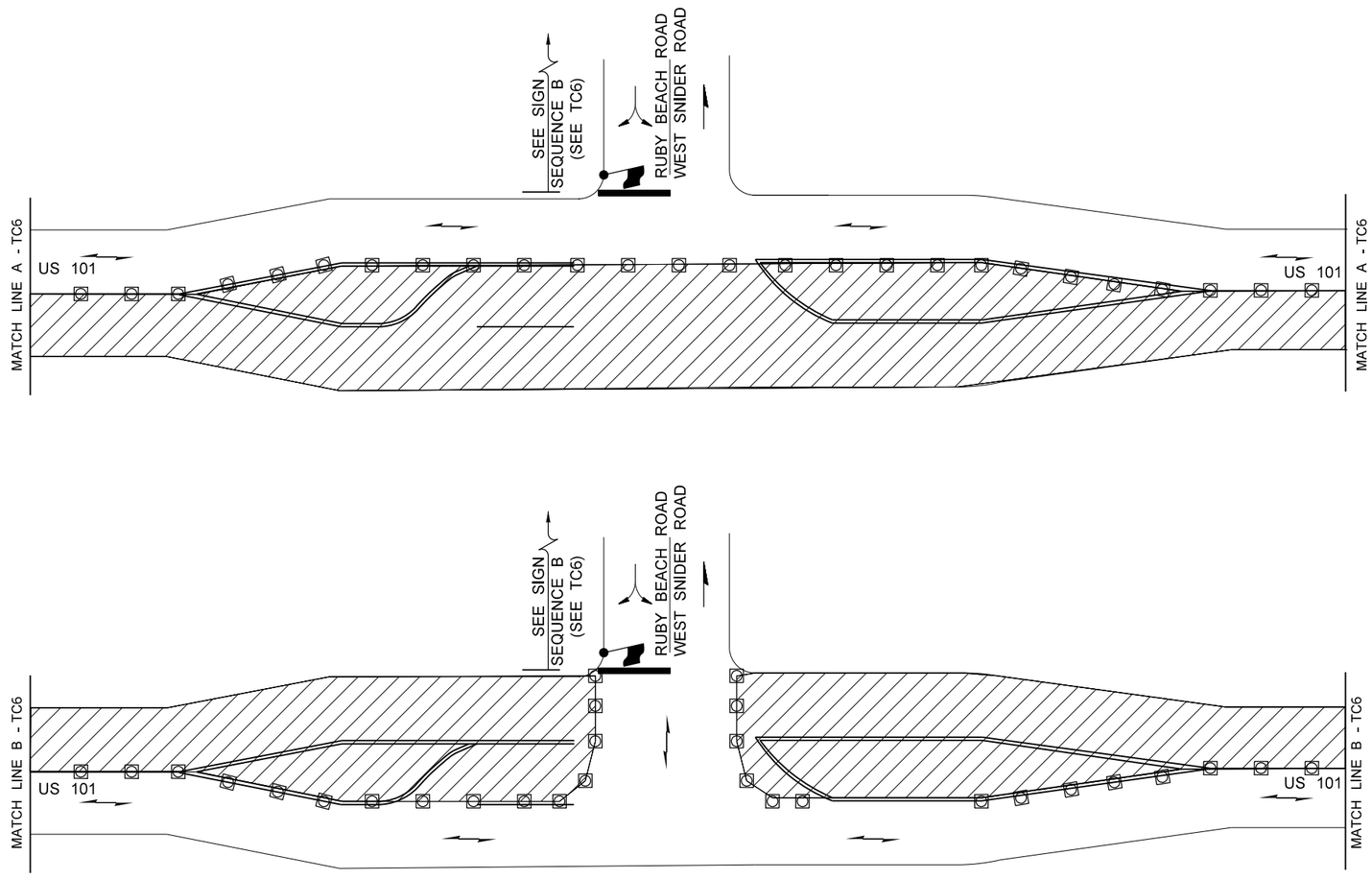
US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

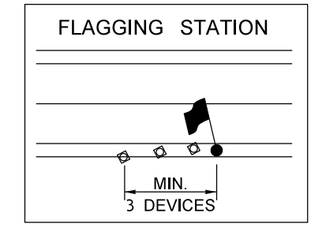
TRAFFIC CONTROL

PLAN REF NO TC9

SHEET 38 OF 41 SHEETS

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101\83.22_US101&SR105IntersectionTraffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- TRAFFIC SAFETY CONE
- TRAVEL DIRECTION OF OPEN LANE
- FLAGGING STATION
- WORK AREA

US 101
RUBY BEACH ROAD
WEST SNIDER ROAD
ALTERNATING ONE-WAY TRAFFIC
FLAGGER CONTROLLED
PILOT CAR OPERATION

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN.
   ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
7. THIS PLAN SHALL BE USED WITH SHEET TC6, PILOT CAR OPERATION.

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PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6453

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

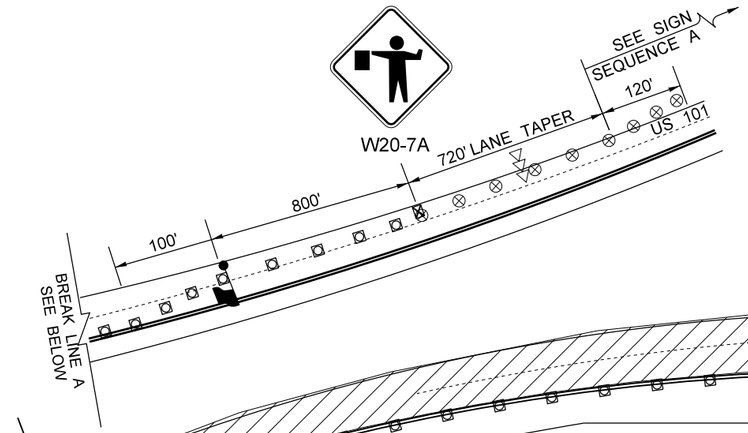
US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

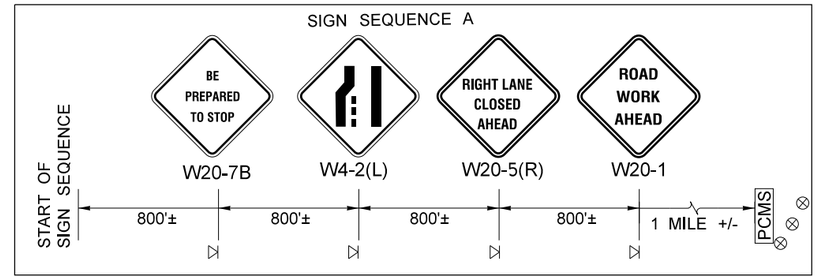
TRAFFIC CONTROL

PLAN REF NO **TC10**

SHEET 39 OF 41 SHEETS

pw:\\HQOLYMAPPPW03P.WSDOT.LOC:WSDOT\Documents\Olympic_Projects\101183.22_US101&SR105Intersection\Traffic_CAD_Sheets\Traffic Control\XL6041_SH_TC_5.dgn





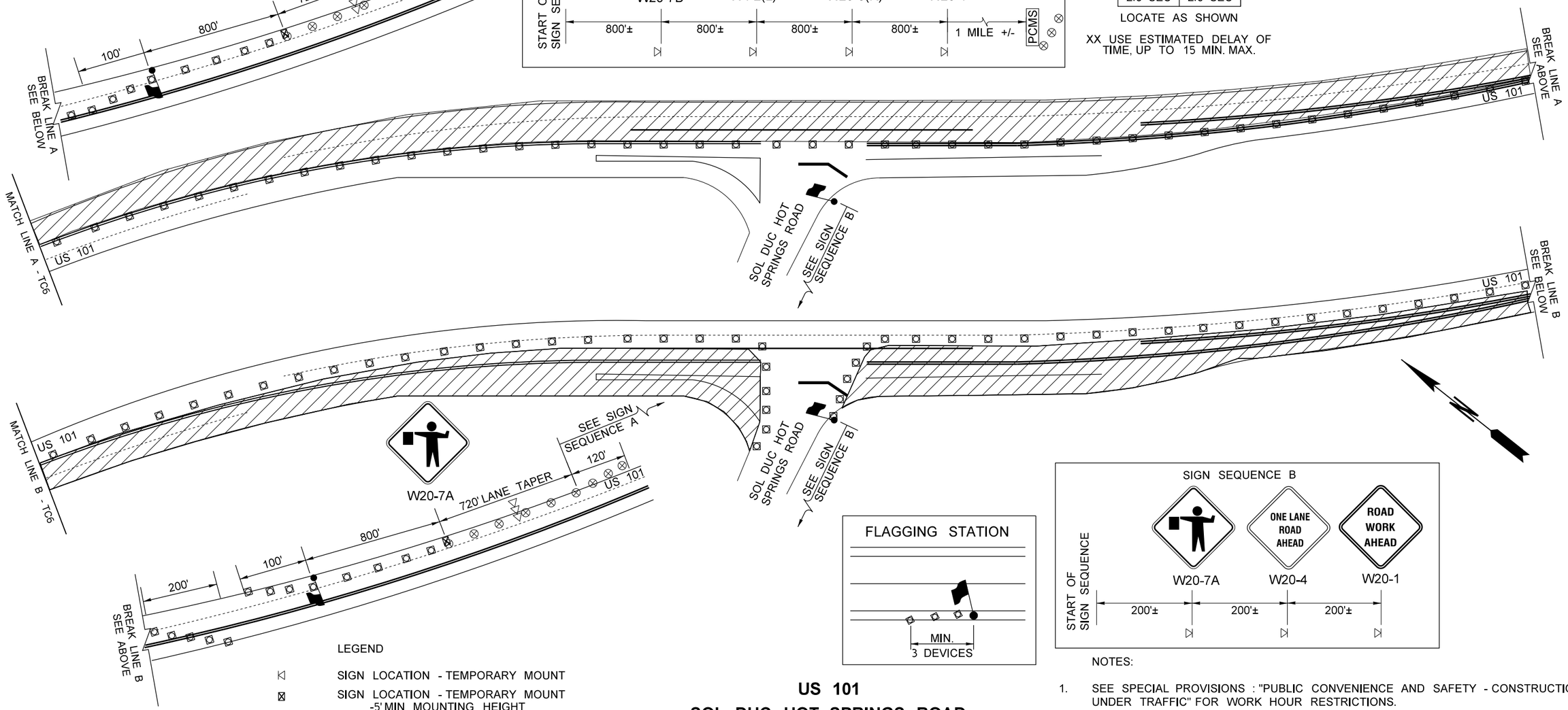
PCMS	
1	2
FLAGGER AHEAD 1 MILE	EXPECT XX MIN DELAYS
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - TEMPORARY MOUNT -5' MIN MOUNTING HEIGHT
- FLAGGING STATION
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN. (SEE NOTE 4)
- WORK AREA

US 101
SOL DUC HOT SPRINGS ROAD
ALTERNATING ONE-WAY TRAFFIC
FLAGGER CONTROLLED
PILOT CAR OPERATION

NOTES:

1. SEE SPECIAL PROVISIONS : "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
3. THIS PLAN SHALL BE USED WITH SHEET TC6, PILOT CAR OPERATION.
4. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.

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DATE	4/7/2022
PLOTTED BY	nashw
DESIGNED BY	C. HINDS
ENTERED BY	C. HINDS
CHECKED BY	M. MIES
PROJ. ENGR.	K. BOONE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

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

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL6453

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

US 101 AND SR 115
OLYMPIC PENINSULA
CHIP SEAL

TRAFFIC CONTOL

PLAN REF NO TC11

SHEET 40 OF 41 SHEETS

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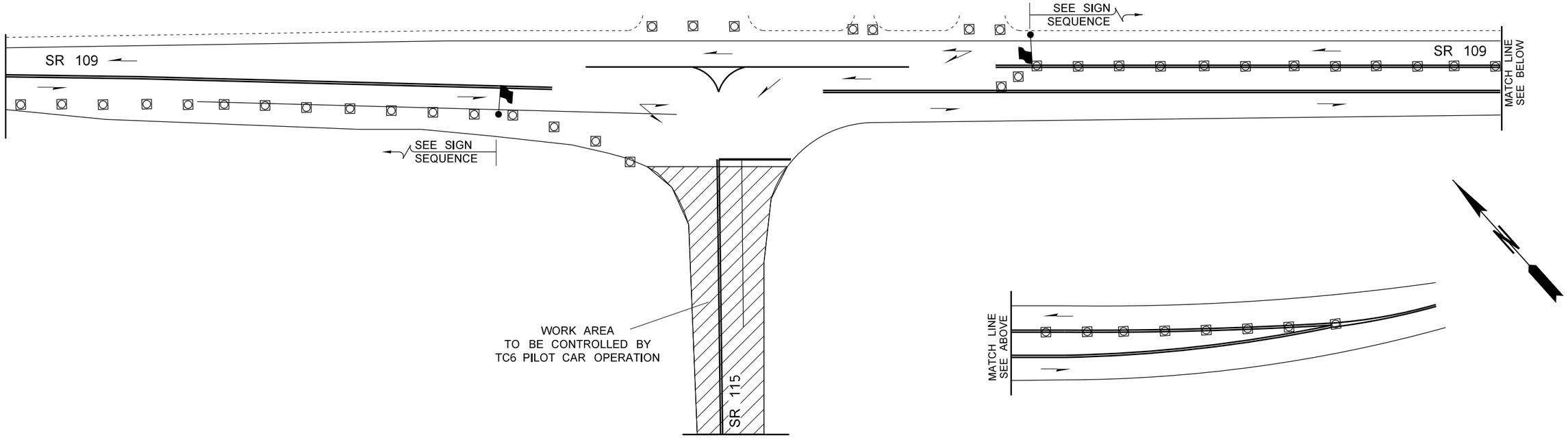

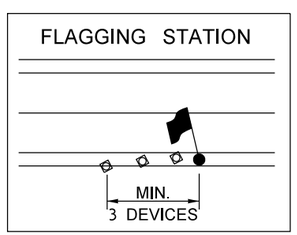

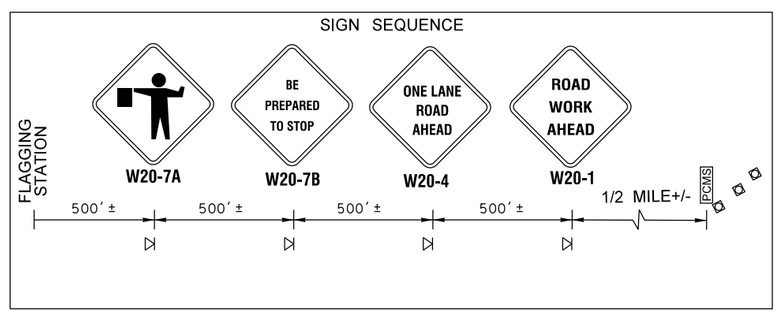

PCMS	
1	2
FLAGGER AHEAD 1 MILE	EXPECT XX MIN DELAYS
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT (CLASS "B")
- TRAFFIC SAFETY DEVICE
- FLAGGING STATION
- TRAVEL DIRECTION OF OPEN LANE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 5)
- WORK AREA

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

SR 109 & SR 115 INTERSECTION
ALTERNATING ONE-WAY TRAFFIC
FLAGGER CONTROLLED
PILOT CAR OPERATION

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
3. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
4. THIS PLAN SHALL BE USED WITH TC6, PILOT CAR OPERATION.
5. PCMS SHALL HAVE MINIMUM 4' CLEARANCE TO TRAVELED LANE. IF THE SHOULDER IS 8' OR LESS, A mPCMS MAY BE USED.