

ROAD DEPARTMENT

ADDENDUM NO. 1

PAVING OF SPRING RIVER RD: S CENTURY DR TO FS BOUNDARY

The Bidding Documents for the PAVING OF SPRING RIVER RD: S CENTURY DR TO FS BOUNDARY project are amended as follows:

SCHEDULE OF BID ITEMS

• Replace the Schedule of Bid Items with the attached.

SPECIAL PROVISIONS

• Add the following to the Special Provisions:

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications.

PROJECT PLANS

- Replace Sheet No. 1, 5, 6, 7 and 15 with the attached.
- Append the attached Oregon Standard Drawings to the Plans.

The Bidding Documents for the PAVING OF SPRING RIVER RD: S CENTURY DR TO FS BOUNDARY project are amended as described above.

2/16/2024

Cody Smith, PE County Engineer/Assistant Director Date

I acknowledge receipt of Addendum No. 1.

BIDDER NAME

SIGNATURE OF BIDDER

Date

THIS ADDENDUM, EXCLUDING ATTACHMENTS¹, SHALL BE SIGNED AND SUBMITTED WITH THE BID PROPOSAL BY THE BIDDER.

¹ CONTRACTOR SHALL INCLUDE THE REVISED SCHEDULE OF BID ITEMS WITH THE BID PROPOSAL SUBMISSION.

SCHEDULE OF BID ITEMS

PAVING OF SPRING RIVER RD: S CENTURY DR TO FS BOUNDARY DESCHUTES COUNTY, OREGON

ITEM NO.	SPEC SECTION	ITEM	UNIT	QTY	UNIT PRICE	AMOUNT	
		Part 00200 - Temporary Features and Appurtenances					
001	00210	Mobilization	LS	1	\$	\$	
002	00221	Temporary Protection and Direction of Traffic	LS	1	\$	\$	
003	00222	Temporary Signs	SQFT	459	\$	\$	
004	00222	Portable Changeable Message Signs	EACH	3	\$	\$	
005	00223	Flagger	HOUR	571	\$	\$	
006	00223	Pilot Car	HOUR	99	\$	\$	
007	00225	Stripe Removal	FOOT	550	\$	\$	
800	00280	Inlet Protection, Type 3	EACH	4	\$	\$	\triangle
		Part 00300 - Roadwork					
009	00310	Asphalt Pavement Sawcutting	FOOT	489	\$	\$	
		<u>Part 00600 - Bases</u>					
010	00620	Cold Plane Pavement Removal, 3 Inches Deep	SQYD	30500	\$	\$	
011	00640	Aggregate Shoulders	TON	625	\$	\$	
012	00640	Aggregate Base	TON	75	<u> </u>	XXXXXXXXXXX	
		Part 00700 - Wearing Surfaces					
013	00744	Level 3, 1/2 Inch ACP Mixture	TON	5200	\$	\$	
014	00748	13-inch Asphalt Concrete Pavement Widening & Repair	SQYD	122	\$	\$	
		Part 00800 - Permanent Traffic Safety and Guidance Devices					
015	00855	Bi-Directional Yellow Type IAR Markers, Recessed	EACH	266	\$	\$	
016	00865	Thermoplastic, Sprayed, Surface, Non-Profiled	FOOT	72000	\$	\$	
017	00867	Pavement Legend, Type AB: Bicycle Lane Stencil	EACH	6	\$	\$	
018	00867	Pavement Legend, Type AB: "STOP"	EACH	3	\$	\$	
019	00867	Pavement Bar, Type AB	SQFT	75	\$	\$	
020	00868	Green Bicycle Lane, Paint	SQFT	12672	\$	\$	

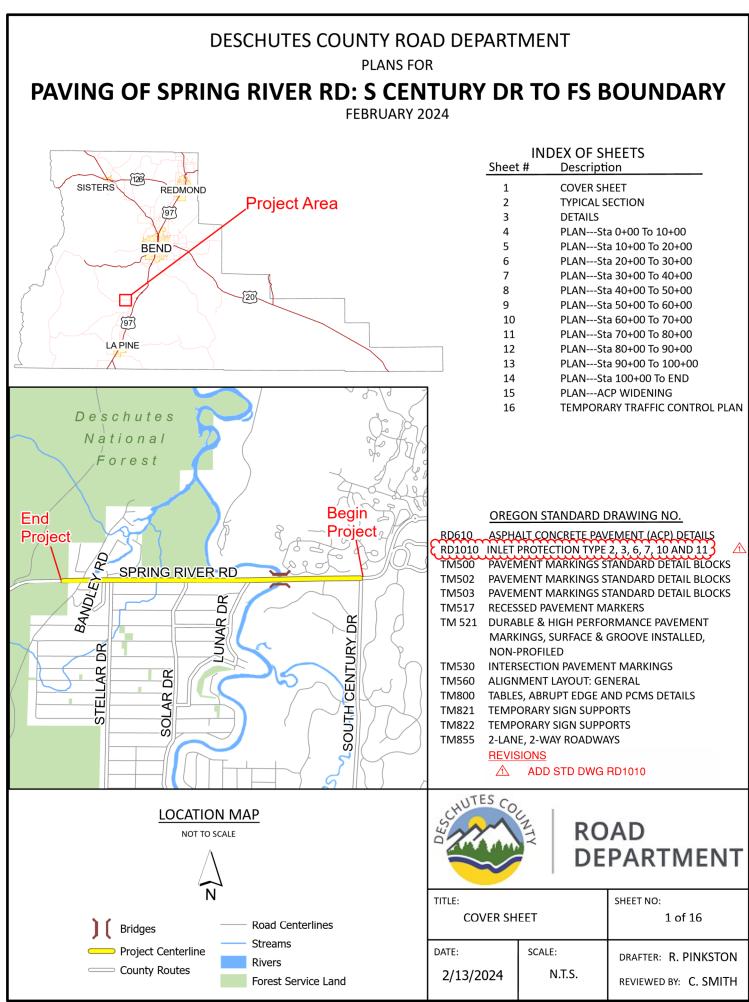
TOTAL BID:

 FOR DESCHUTES COUNTY USE ONLY
 ADD ______% FOR NON-RESIDENT BIDDER ______

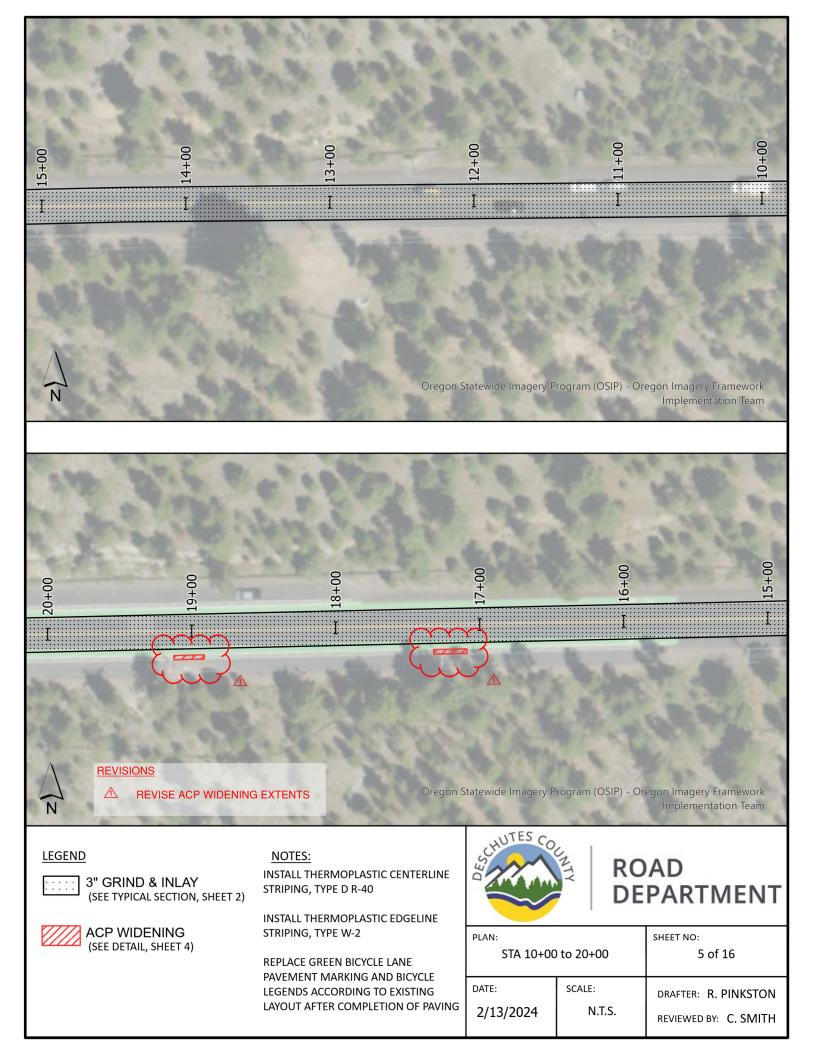
 TOTAL BID

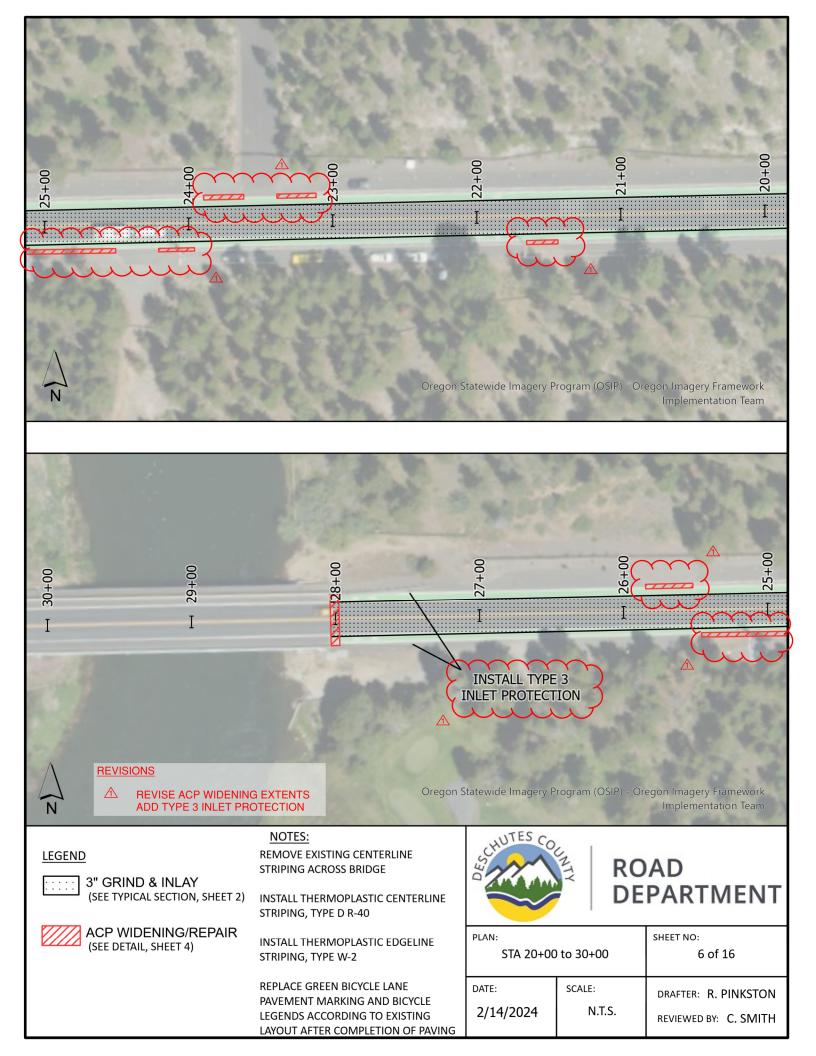
 REVISIONS

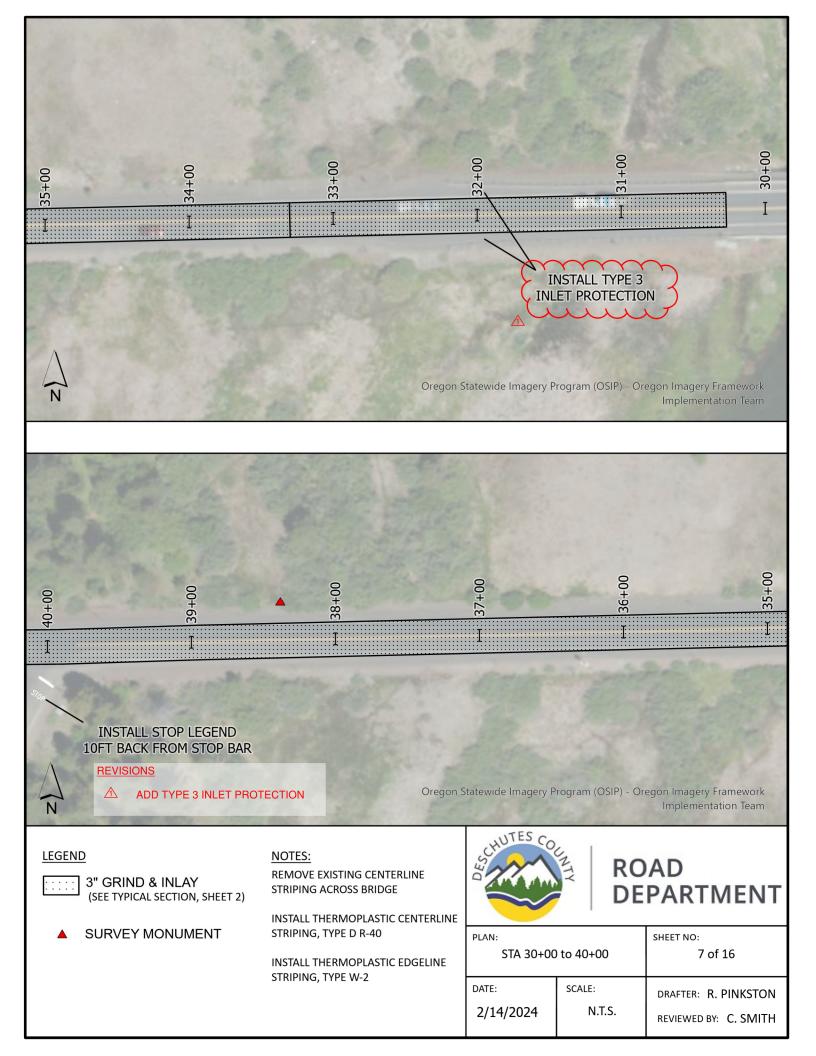
 REVISE QUANTITY FOR ITEM NO. 006 - PILOT CAR ADD ITEM NO. 008 - INLET PROTECTION, TYPE 3 ADD ITEM NO. 009 - ASPHALT PAVEMENT SAWCUTTING DELETE ITEM NO. 012 - AGGREGATE BASE CHANGE ITEM NO. 020 NAME TO "GREEN BICYCLE LANE, PAINT"

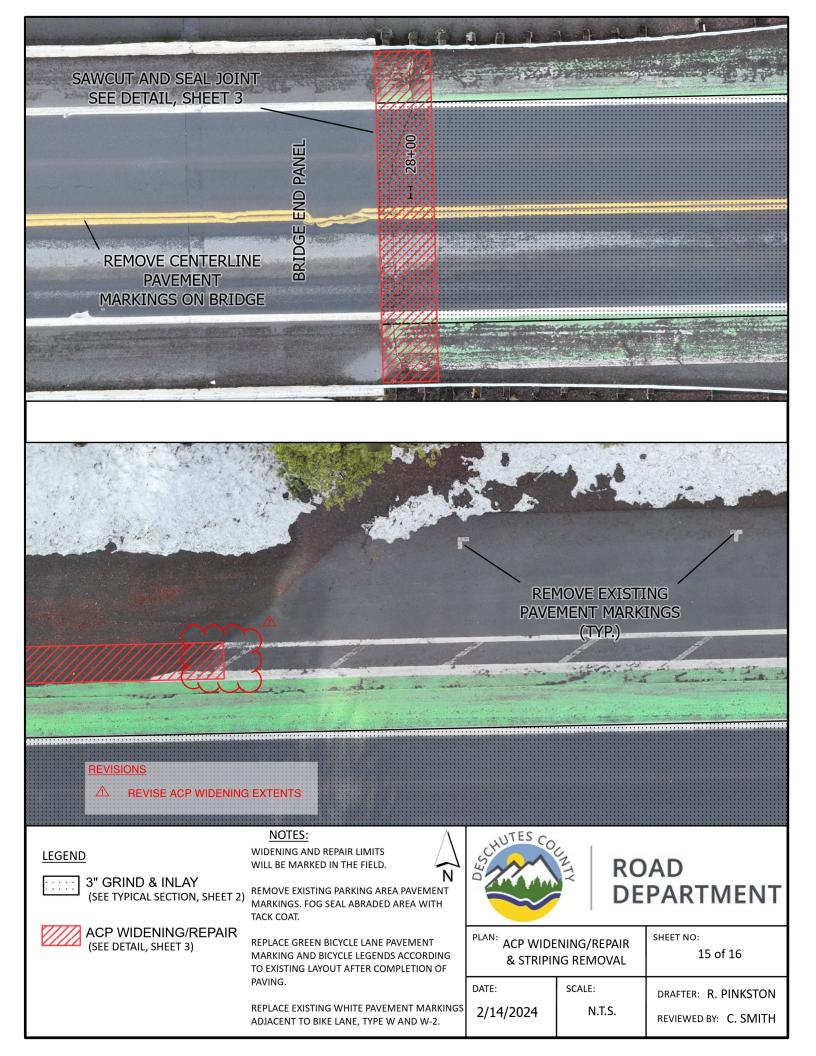


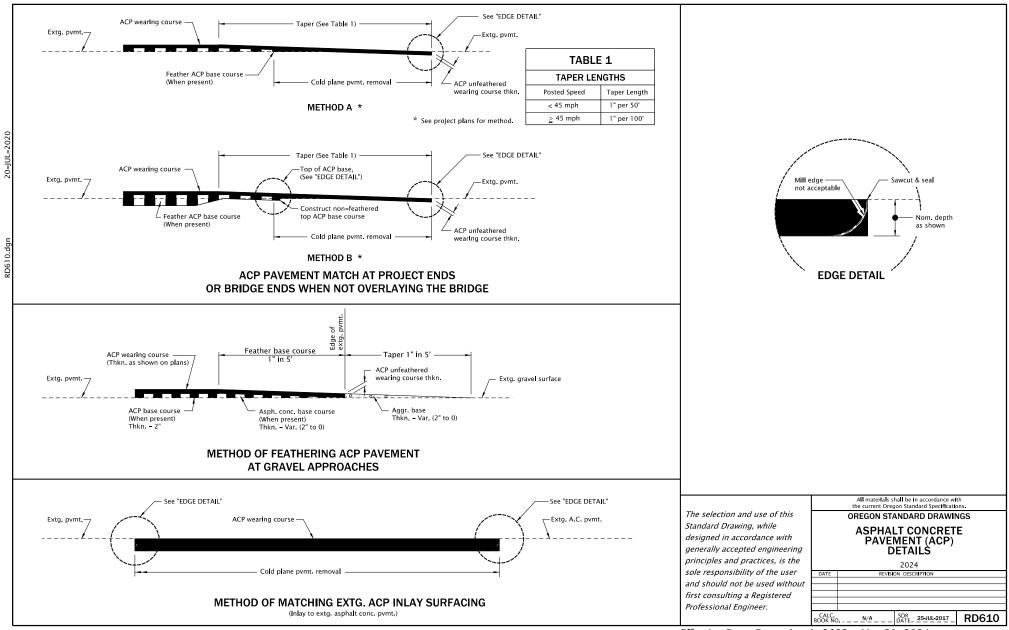
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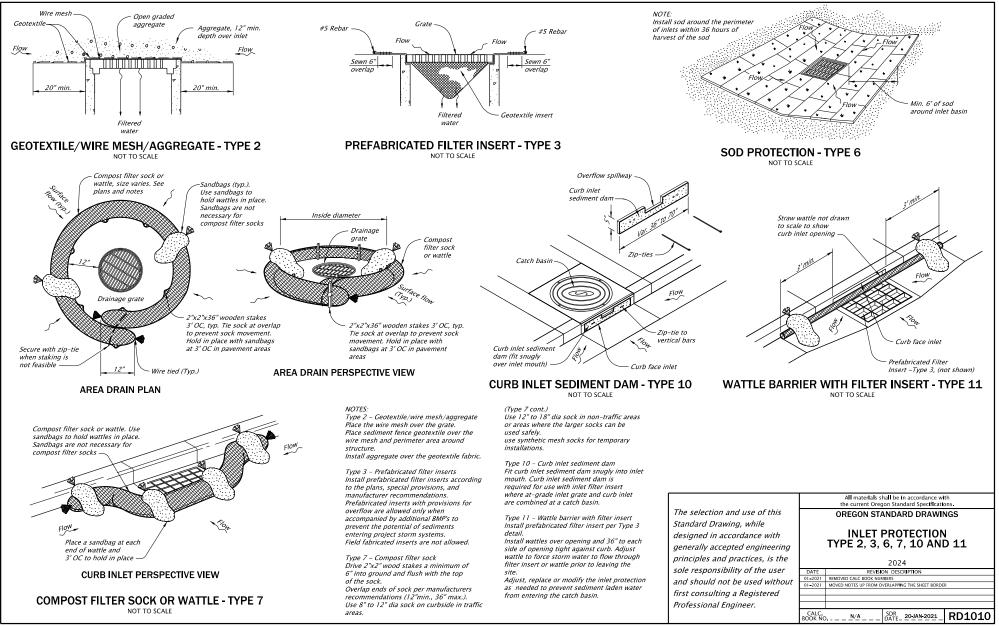








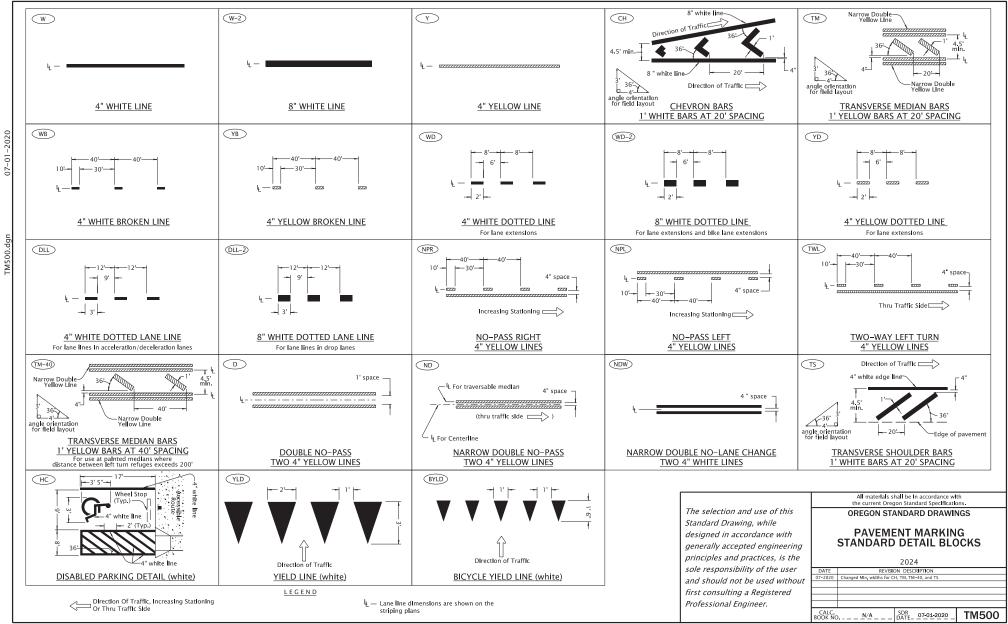
Effective Date: December 1, 2023 - May 31, 2024

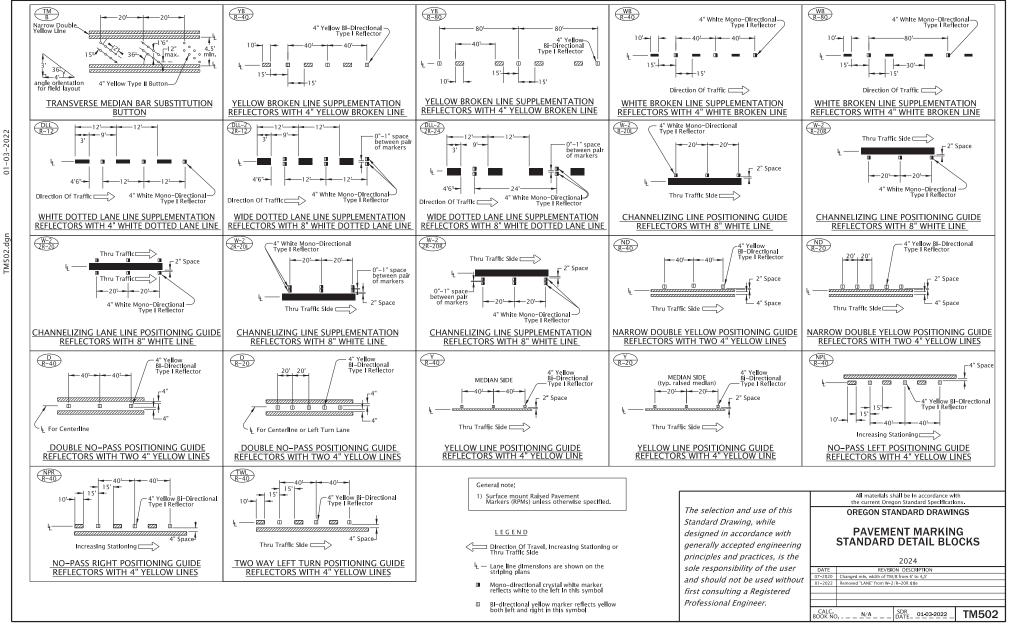


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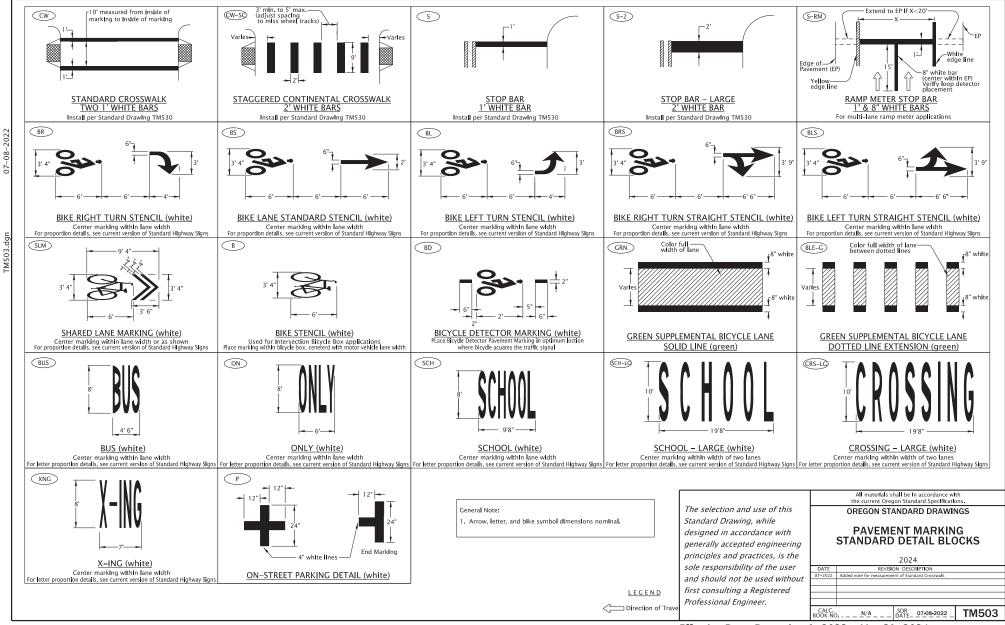
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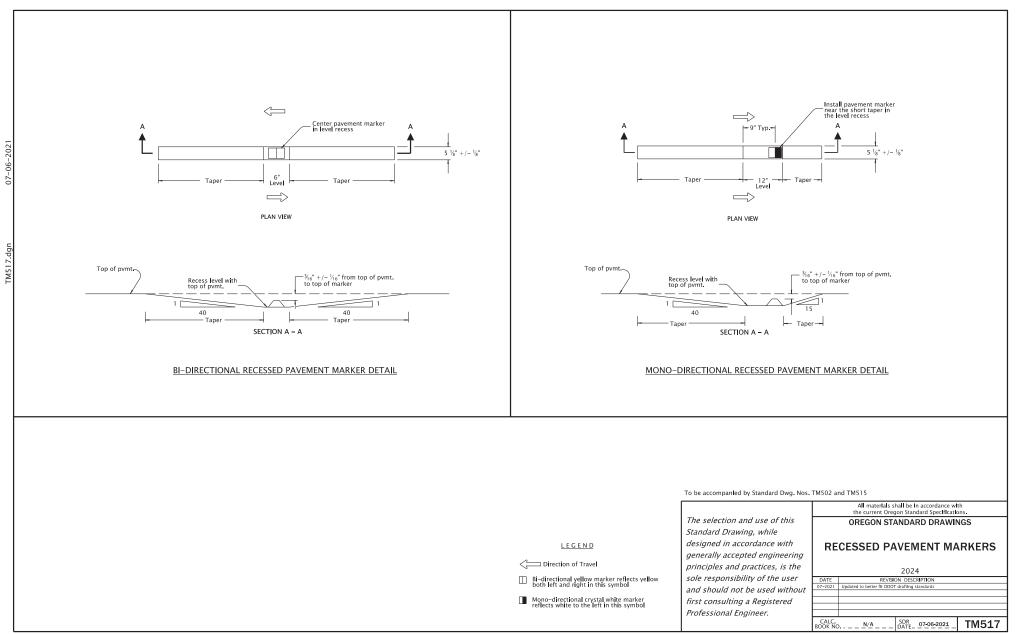




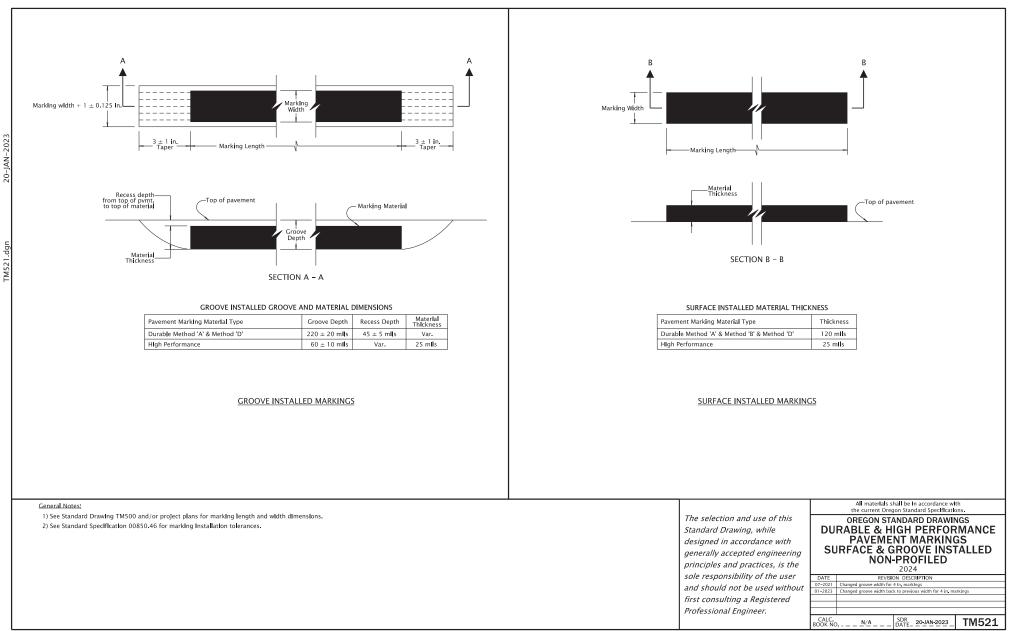
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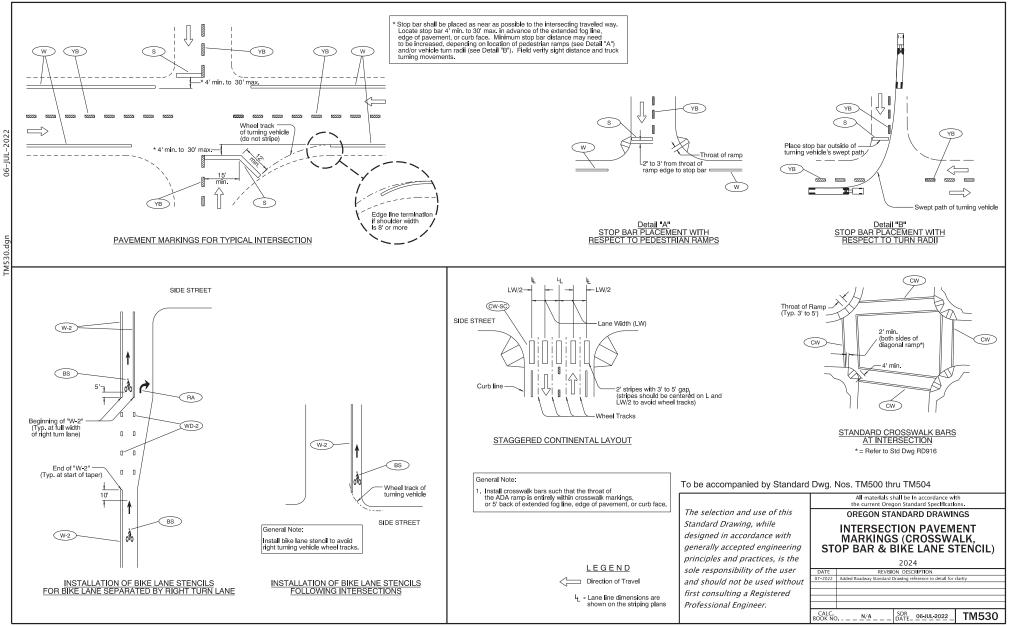
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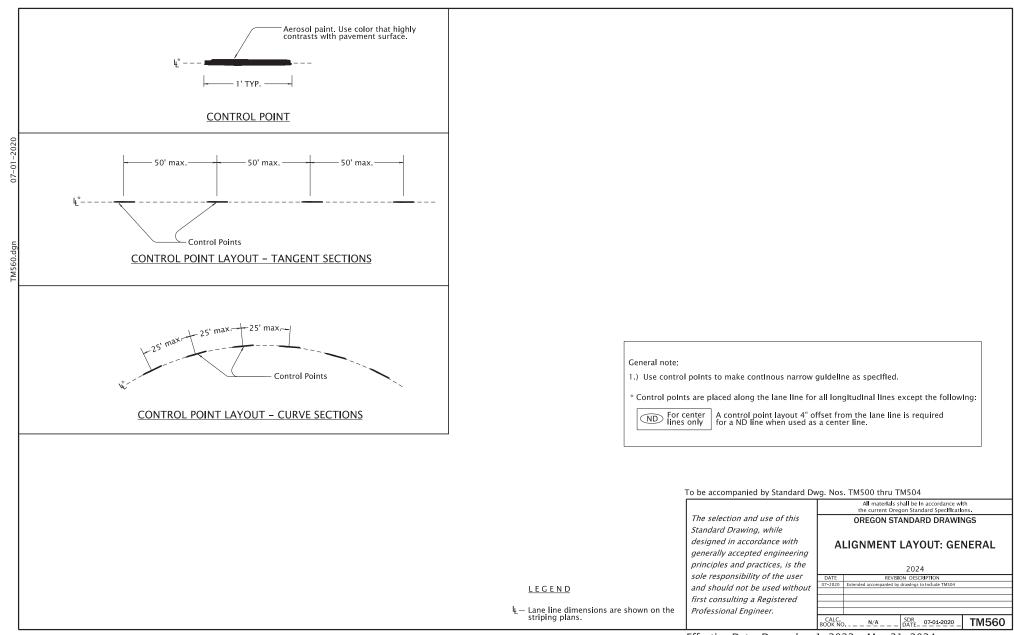




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TAPER TYPES	TAPER TYPES & FORMULAS				
TAPER	FORMULA				
Merging (Lane Closure)	"L"				
Shifting	"L"/2 or ½"L"				
Shoulder Closure	"L"/3 or ½"L"				
Flagging (See Drg. TM850)	50' - 100'				
Downstream (TermInation)	Varles (See Drawings)				

★ Use Pre-Construction Posted Speed to select the Speed from the Tables below:

TEMPORARY BARRIER FLARE RATE TABLE				
★SPEED (mph)	MINIMUM FLARE RATE			
≤ 30	8:1			
35	9:1			
40	10:1			
45	12:1			
50	14:1			
55	16:1			
60	18:1			
65	19:1			
70	20:1			

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MINIMUM LENGTHS TABLE						
"L" VALUE FOR TAPERS (ft)						
+ SPEED (mph)	W = Lane or Shoulder Width being closed or shifted				BUFFER "B" (ft)	
SPEED (mpn)	$W \leq 10$	W = 12	W = 14	W = 16		
25	105	125	145	165	75	
30	150	180	210	240	100	
35	205	245	285	325	125	
40	265	320	375	430	150	
45	450	540	630	720	180	
50	500	600	700	800	210	
55	550	660	770	880	250	
60	600	720	840	960	285	
65	650	780	910	1000	325	
70	700	840	980	1000	365	
FREEWAYS						
55	1000	1000	1000	1000	250	
60	1000	1000	1000	1000	285	
65	1000	1000	1000	1000	325	
70	1000	1000	1000	1000	365	

NOTES:

• For Lane closures where W < 10' use "L" value for W = 10'

For Shoulder closures where W < 10', use "L" value for W = 10' or calculate "L" using formula, for Speeds ≥ 45: L = WS, Speeds < 45: L = S²W/60, S = Speed, W=Width

TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE Sign Spacing (ft) Max. Channelizing SPEED (mph)

SPEED (mpn)	A	В	С	Device Spacing (ft)
20 - 30	100	100	100	20
35 - 40	350	350	350	20
45 - 55	500	500	500	40
60 - 70	700	700	700	40
Freeway	1000	1500	2640	40

NOTES.

Place traffic control devices on 10 ft. spacing for intersection and access radil.
 When necessary, sign spacing may be adjusted to fit site conditions. Limit spacing adjustments to 30% of the "A" dimension for all speeds.

NOTES NOTES NOTES Install Flagger Station Lighting beyond the outside shoulder, where practical. When paved shoulders adjacent to excavations are less than Install PCMS beyond the outside shoulder, when possible. . four feet wide protect longitudinal abrupt edge as shown. Use the appropriate type of barricade panels for PCMS location. ٠ Use six tubular markers in shoulder taper . Use aggregate wedge when abrupt edge is 2 inches or greater. Right shoulder, use Type B(III)R Left shoulder, use Type B(III)L . on 10' spacing. Place cart / generator / power supply off of the shoulder, as far as practical. Use six drums in shoulder taper on 20' spacing. The drums and barricade may be omitted when PCMS is placed behind a roadside barrier. . . Detail as shown is used for trailered and non-crashworthy components of: • Portable Traffic Signals Smart Work Zone Systems Extg. pavement 2" or Greater 100' 50' 20' Flagger Station Portable changeable 1.0' 4' B(III)F message sign (PCMS) Temp. Plastic Drums 28" Tubular Shoulder or Markers aggregate base rock -----9440 440 PORTABLE CHANGEABLE MESSAGE FLAGGER STATION EXCAVATION ABRUPT EDGE SIGN (PCMS) INSTALLATION LIGHTING DELINEATION NOTES: GENERAL NOTES FOR ALL TCP DRAWINGS: Temp. Plastic Drums See TCD Spacing Table 0 Abrupt edges may be created by paving, operations, excavations . Signs and other Traffic Control Devices (TCD) shown are the minimum required. or other roadway work. Use abrupt edge signing for longitudinal for max. spacing. abrupt edges of 1 Inch or greater. Place a barricade approx. 20' ahead of all • • 28" Tubular Markers If the excavation is located on left side of traffic, replace the sequential arrow boards. See TCD Spacing Table for max. spacing. 8' B(III)R barricades with 8' B(III)L barricades and replace the "RIGHT" (CW21-8C) riders with "LEFT" (CW21-8A) riders. Arrows shown In roadway are directional arrows to indicate traffic movements. Continue signing and other traffic control devices UNDER TRAFFIC [·····] throughout excavation area at spacings shown. All signs are 48" x 48" unless otherwise shown. Use fluorescent orange sheeting for the background of all temporary warning signs. UNDER CONSTRUCTION If roll-up signs are used, attach the correct (CW21-9) plaques to the sign face using hook and loop fasteners. . Place roll-up signs in advance of barricades. All diamond shaped warning signs mounted on barrier sign supports shall be 36" by 36". All other signs mounted on barrier sign supports shall not exceed 12 sq. ft. in total sign area CW21-9 Plaques Low speed highways have a pre-construction posted speed of 40 mph or less. High speed highways have a pre-construction posted speed of 45 mph or higher. 32x11 . Arriif • Do not locate sign supports in locations designated for bicycle or pedestrian traffic. OR EDGE CENTER EDGE • Combine drawing details to complete temporary traffic control for each work activity. 32x11 CW21-8A LEFT (As needed) RIGHT 32x11 Coordinate and control pedestrian movements through a Temporary Accessible Route using Flaggers, Traffic Control Measures, or as directed. RIGHT CW21-8C 36x18 (Roll-up sign) 42x18 (As noted) (As needed) • To be accompanied by Dwg. Nos. TM820 & TM821. (Mount on TSS) All materials shall be in accordance with the current Oregon Standard Specifications. Abrupt edge The selection and use of this OREGON STANDARD DRAWINGS Standard Drawing, while TABLES, ABRUPT EDGE AND PCMS DETAILS designed in accordance with 8' B(III)R 8' B(III)R generally accepted engineering principles and practices, is the 1/4 mL 1/4 mL 1/4 ml. 2024 sole responsibility of the user DATE REVISION DESCRIPTION Added a note for TPARs and should not be used without first consulting a Registered Professional Engineer.

TYPICAL ABRUPT EDGE DELINEATION

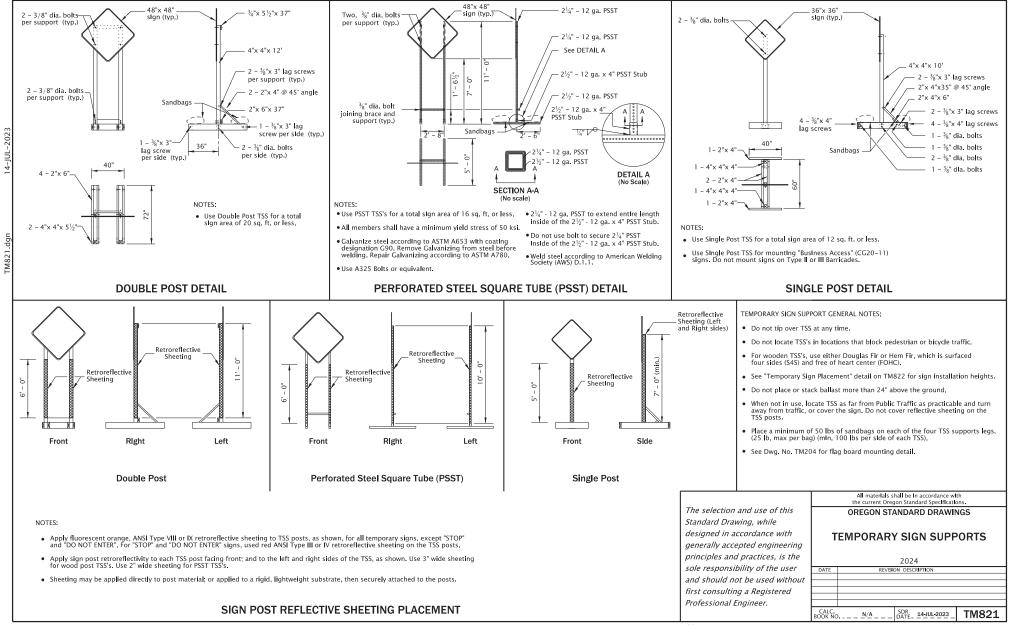
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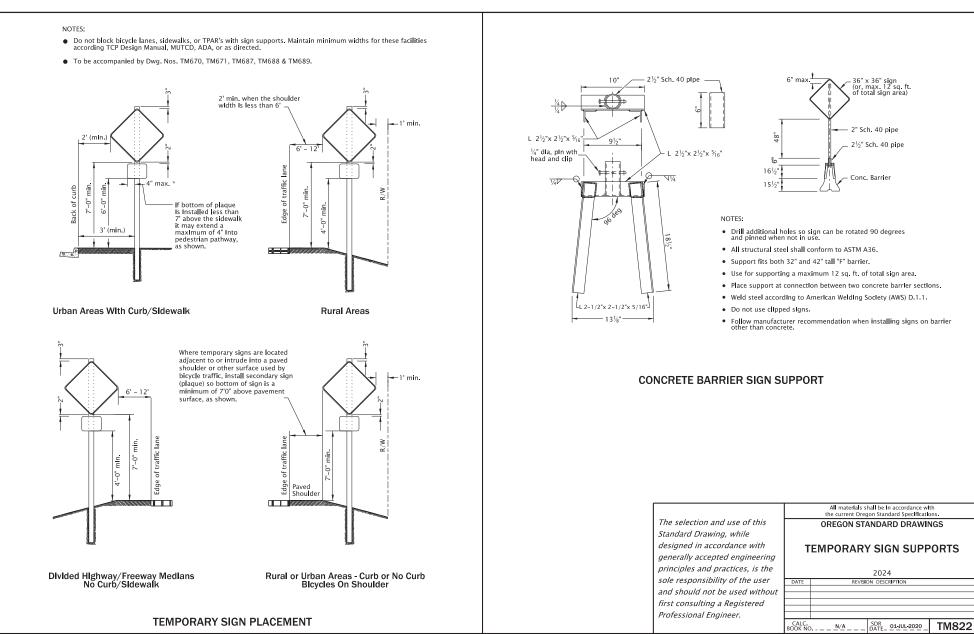
CALC. BOOK NO.

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SDR DATE_ 01-JUL-2022

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