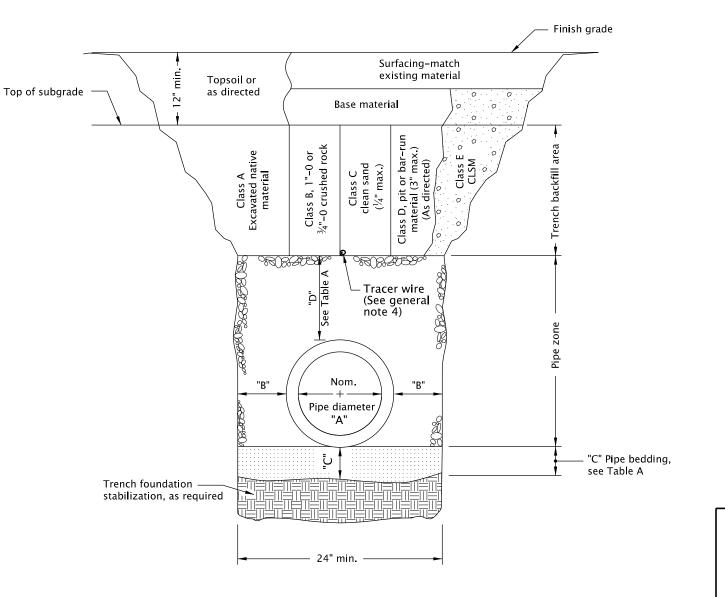
-2020 20-JUL-

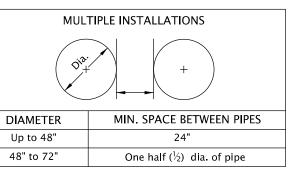
	TAB	LE A	
"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3



- diameter.

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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

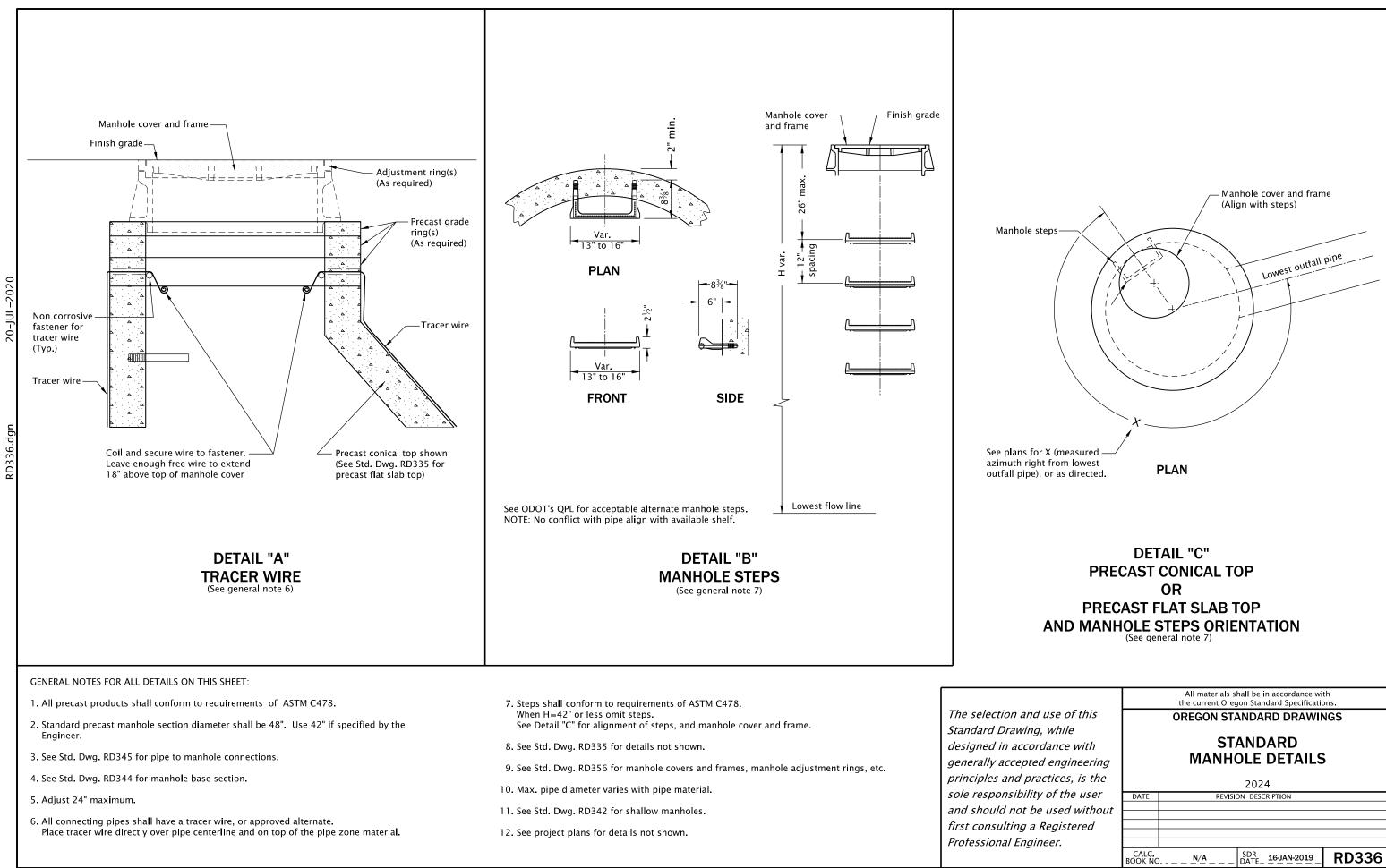
1. Surfacing of paved areas shall comply with street cut Std. Dwg. RD302.

2. For pipe installation in embankment areas where the trench method will not be used and the pipe is \geq 36" diameter, increase dimension "B" to nominal pipe

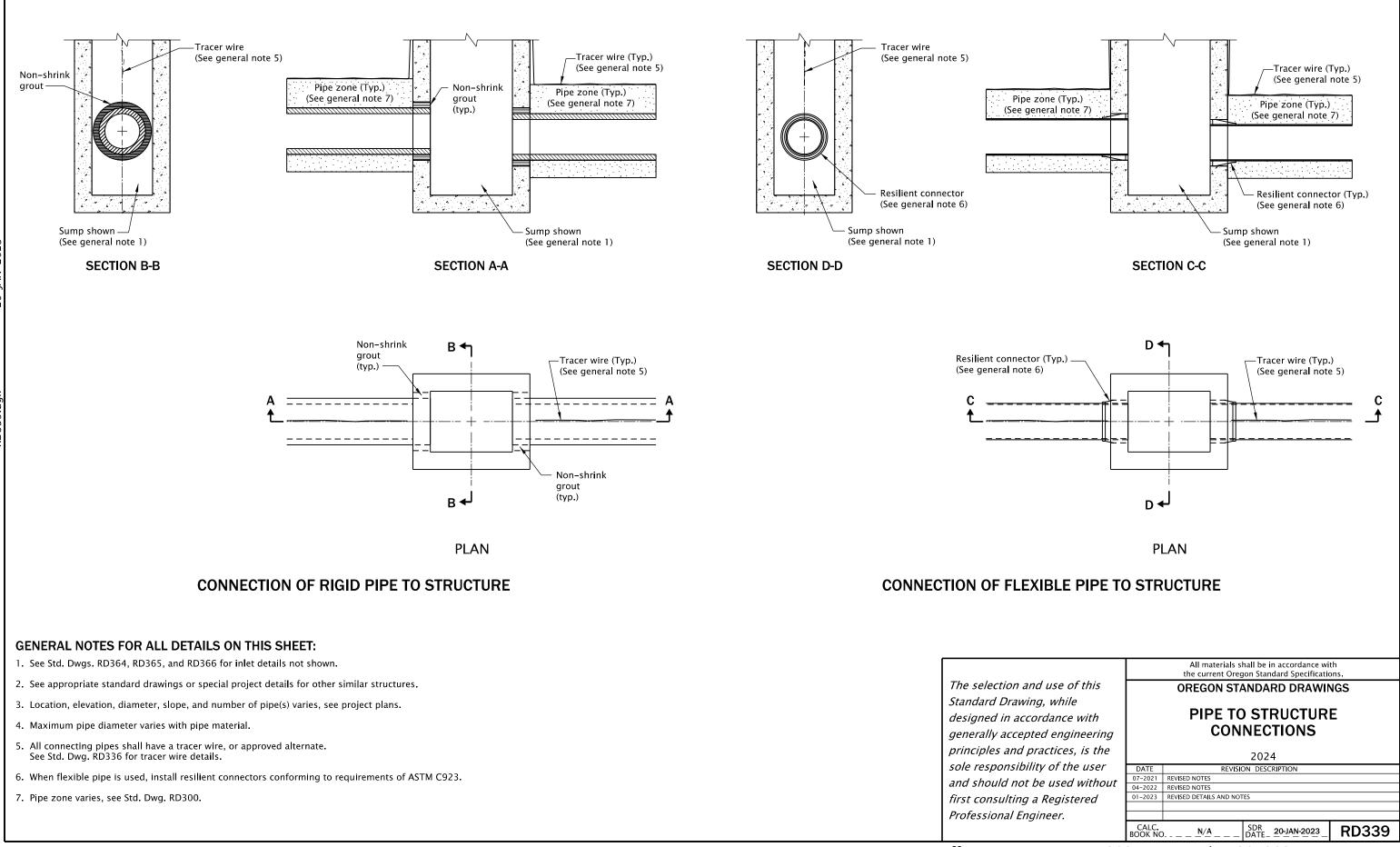
3. Pipes over 72" diameter are structures, and are not applicable to this drawing.

4. See Std. Dwg. RD336 for tracer wire details (When required).

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nd use of this	OREGON STANDARD DRAWINGS TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS					
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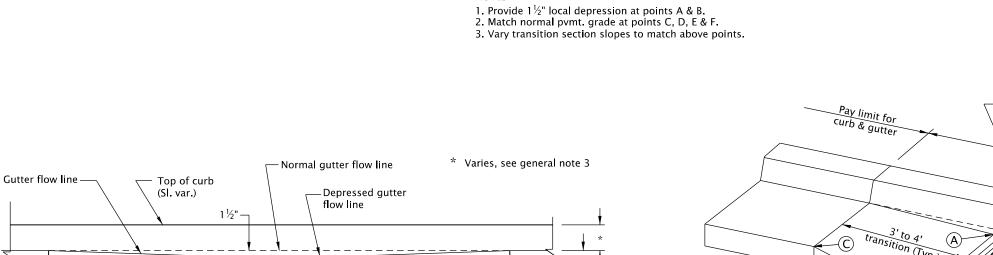


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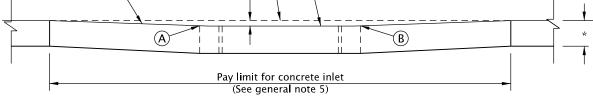


20-JAN-2023

Effective Date: June 1, 2025 – November 30, 2025



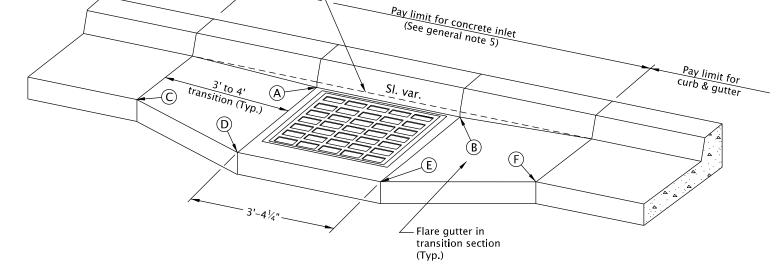
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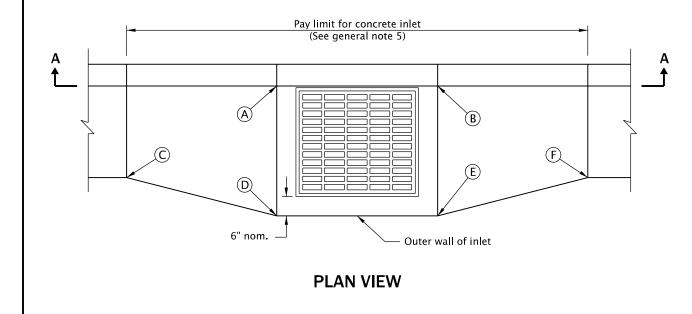




20-JUL-2020

RD363.dgn





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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. For inlet details, see appropriate inlet standard drawing(s).

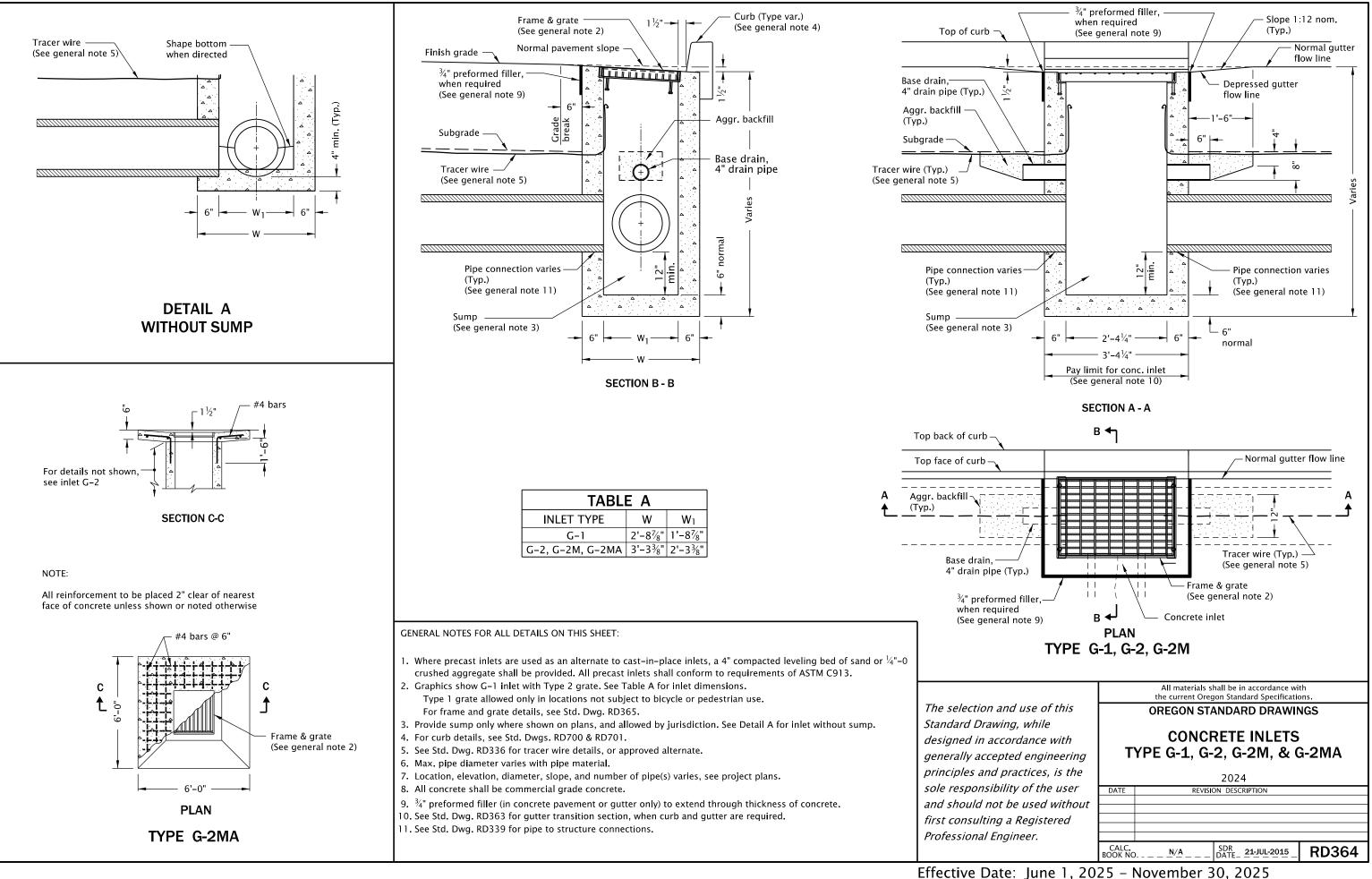
2. For frame and grate details, see Std. Dwg. RD365.

3. For curb details, see Std. Dwgs. RD700 & RD701.

4. All concrete shall be commercial grade concrete.

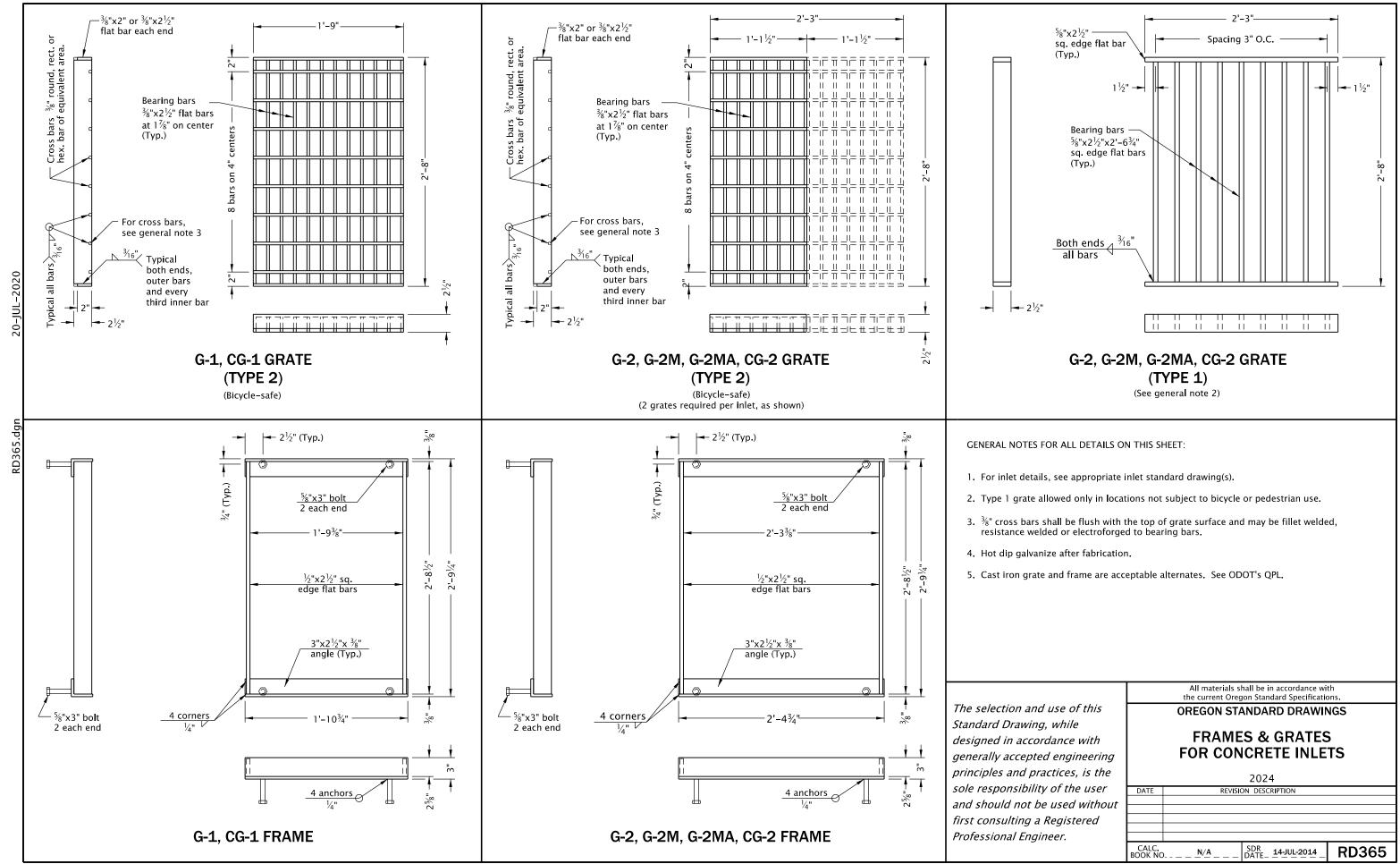
5. Pay limit for inlet is expanded when curb and gutter are monolithic.

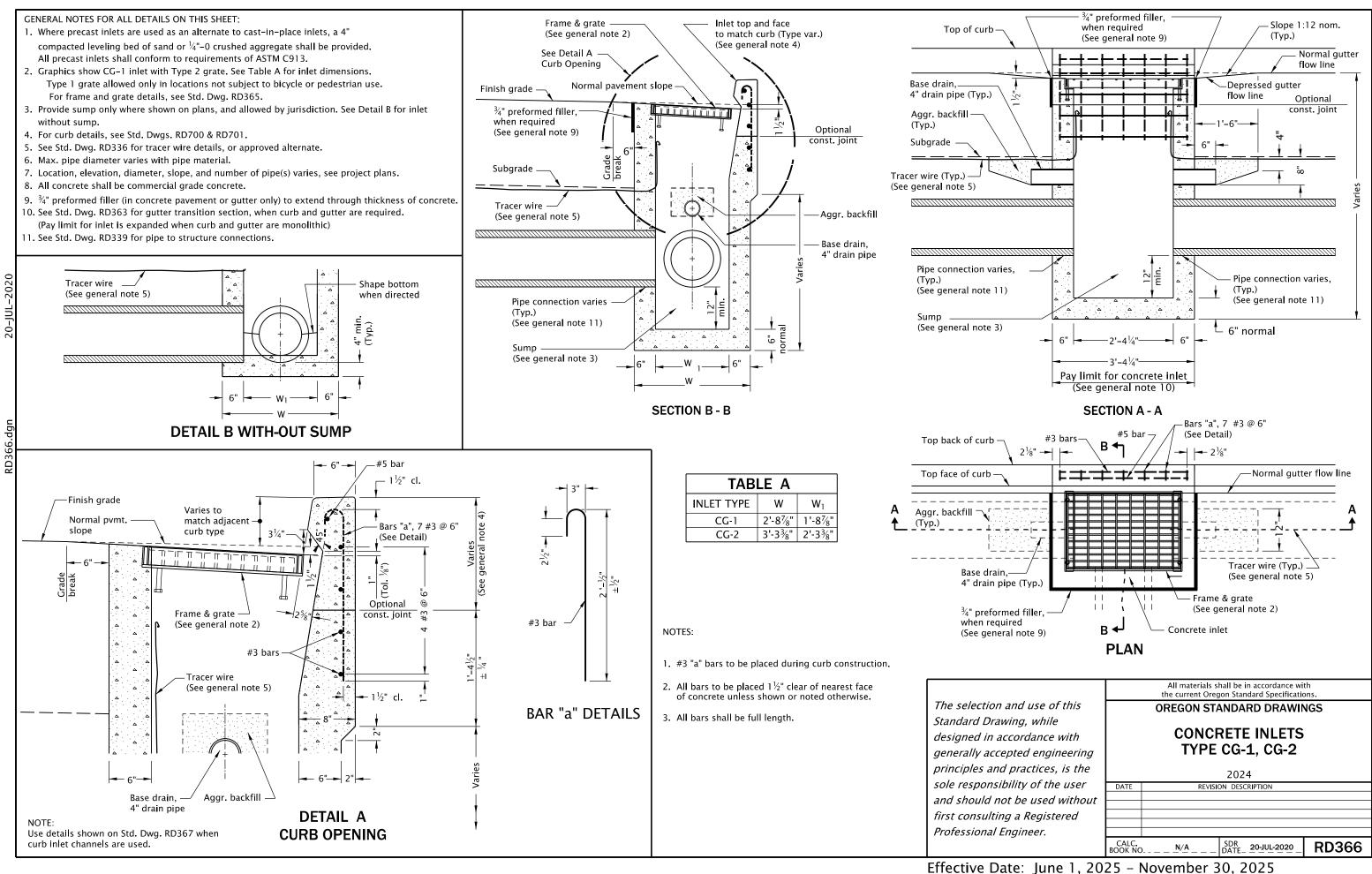
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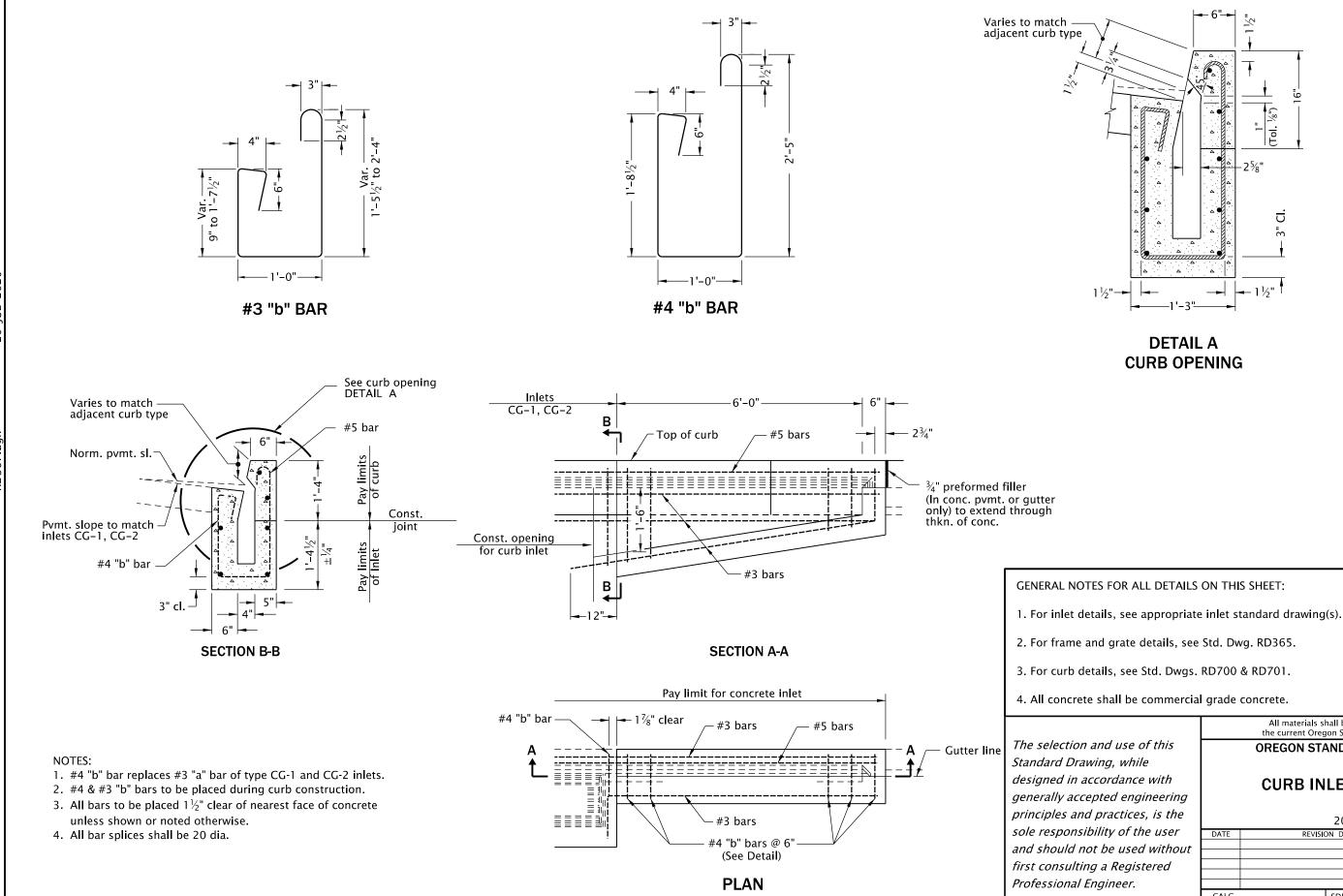


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dgn. **RD364**



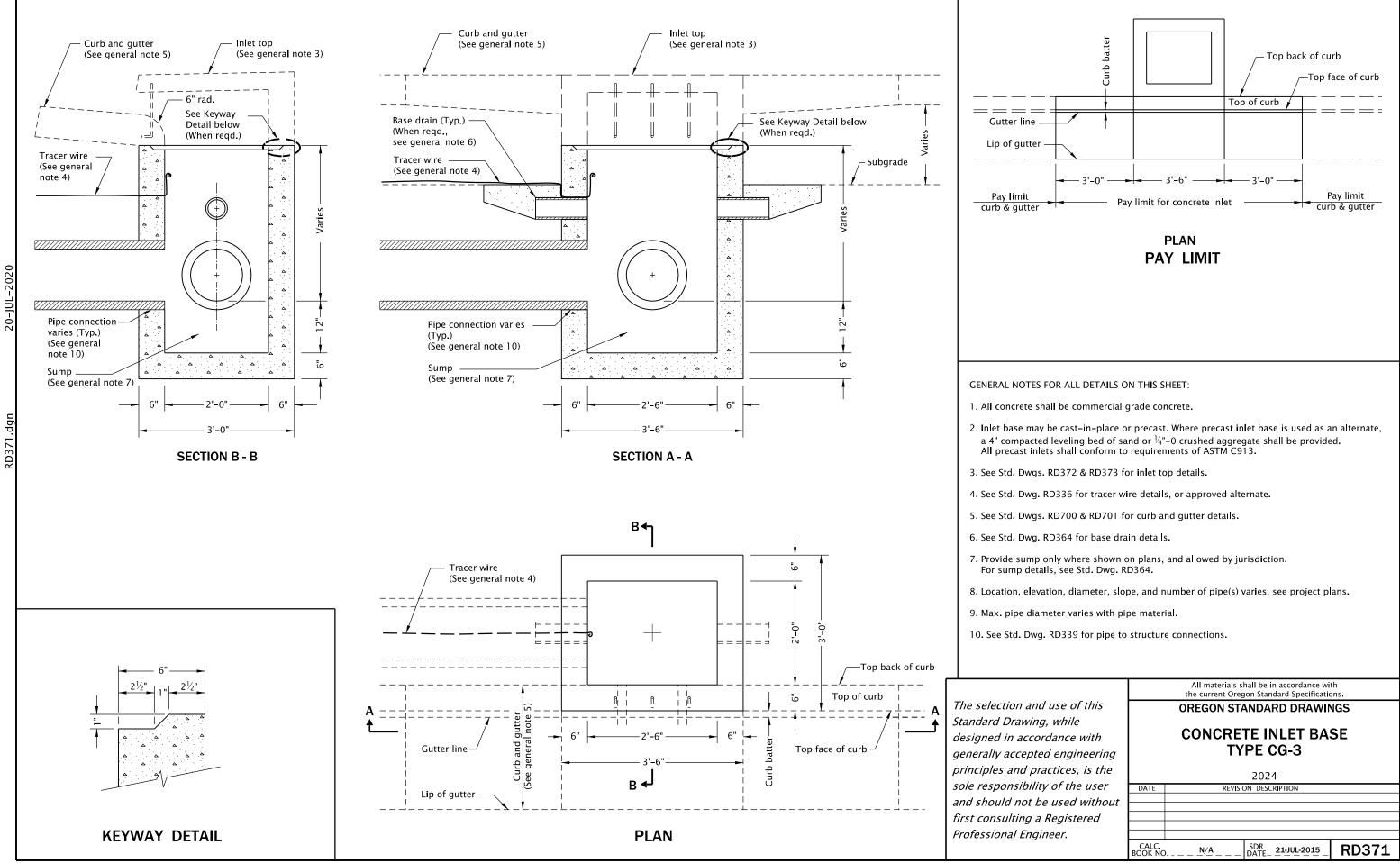


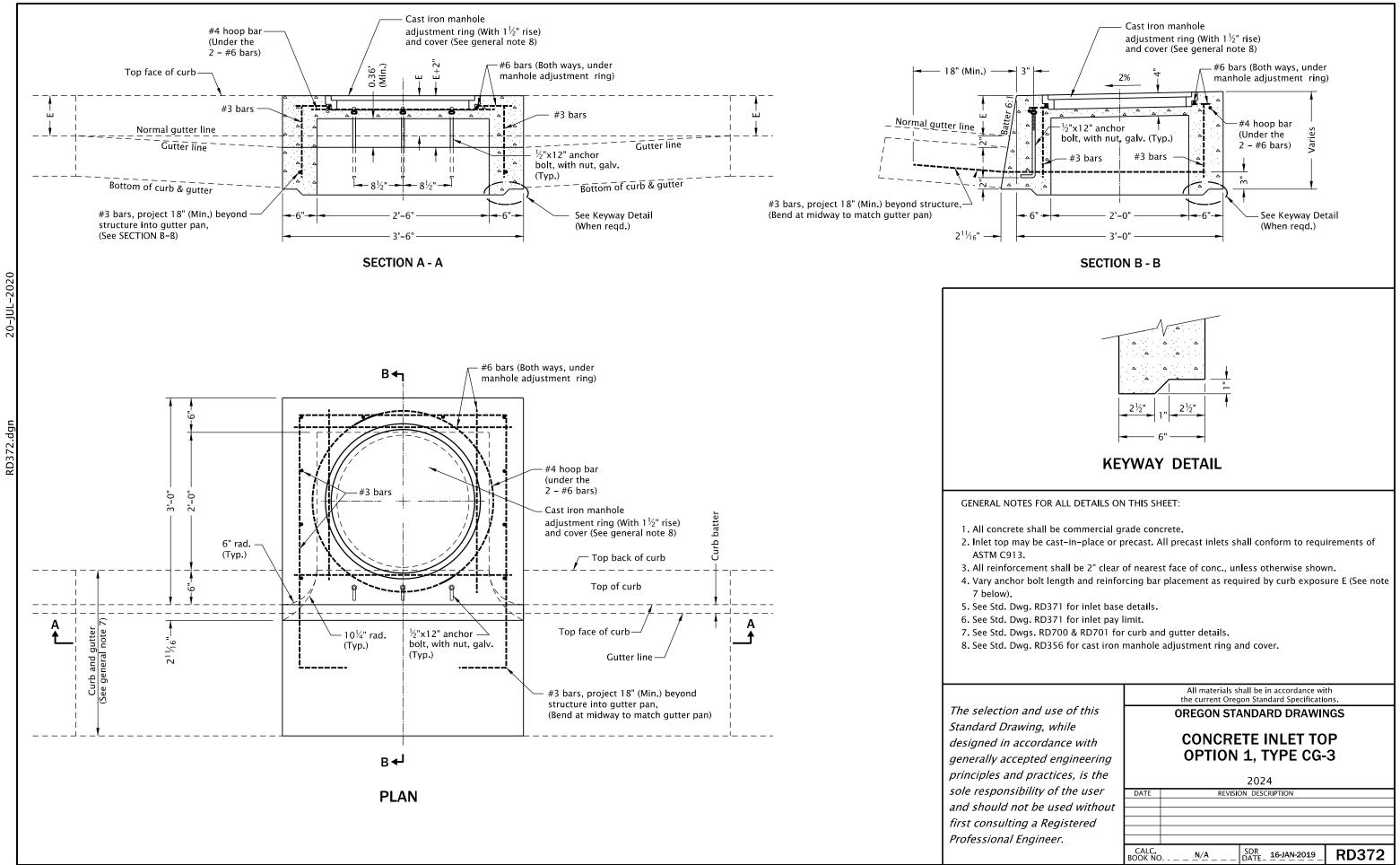


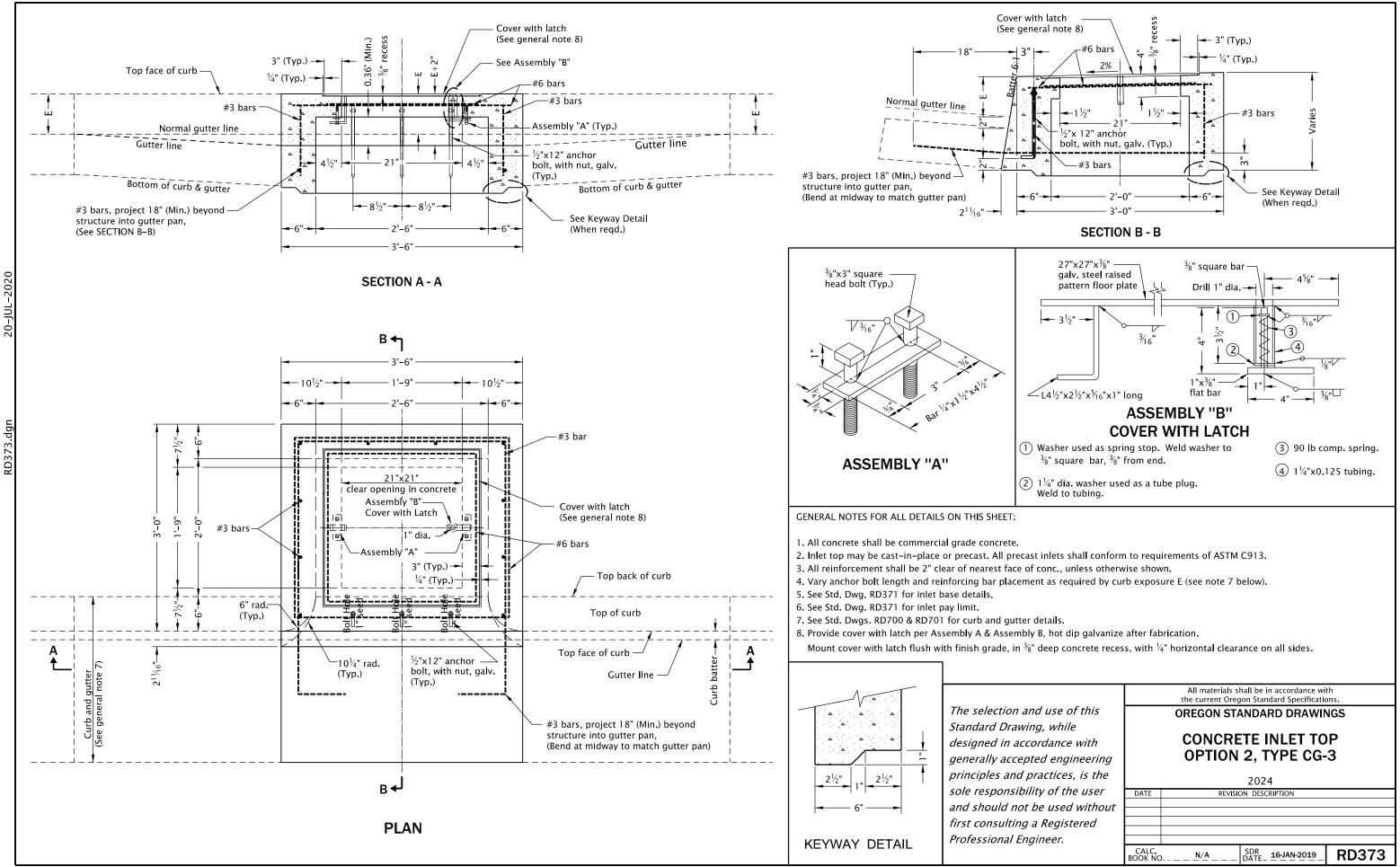
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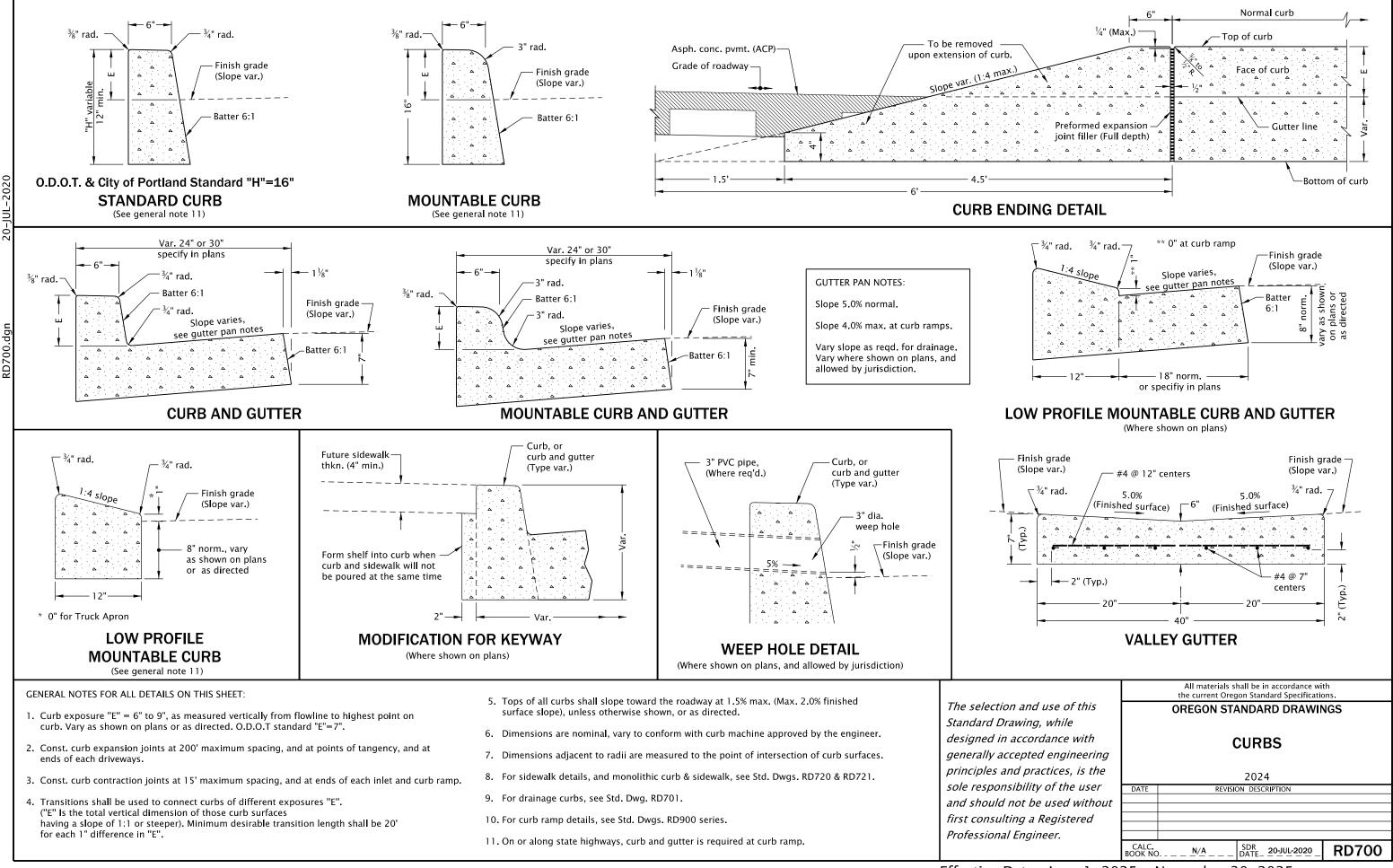
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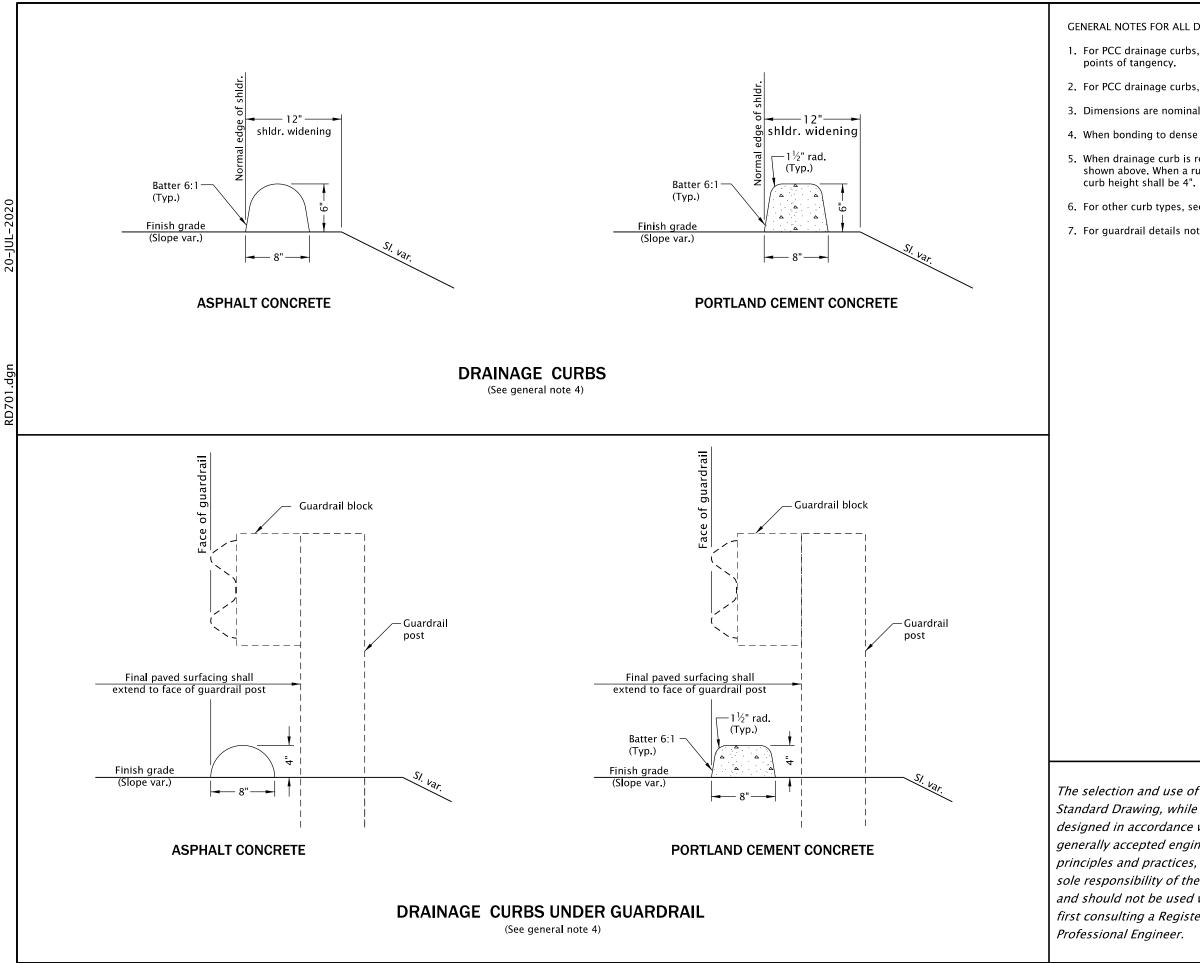
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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. For PCC drainage curbs, construct curb expansion joints at 200' maximum spacing, and at

2. For PCC drainage curbs, construct curb contraction joints at 15' maximum spacing.

3. Dimensions are nominal, vary to conform with curb machine approved by the engineer.

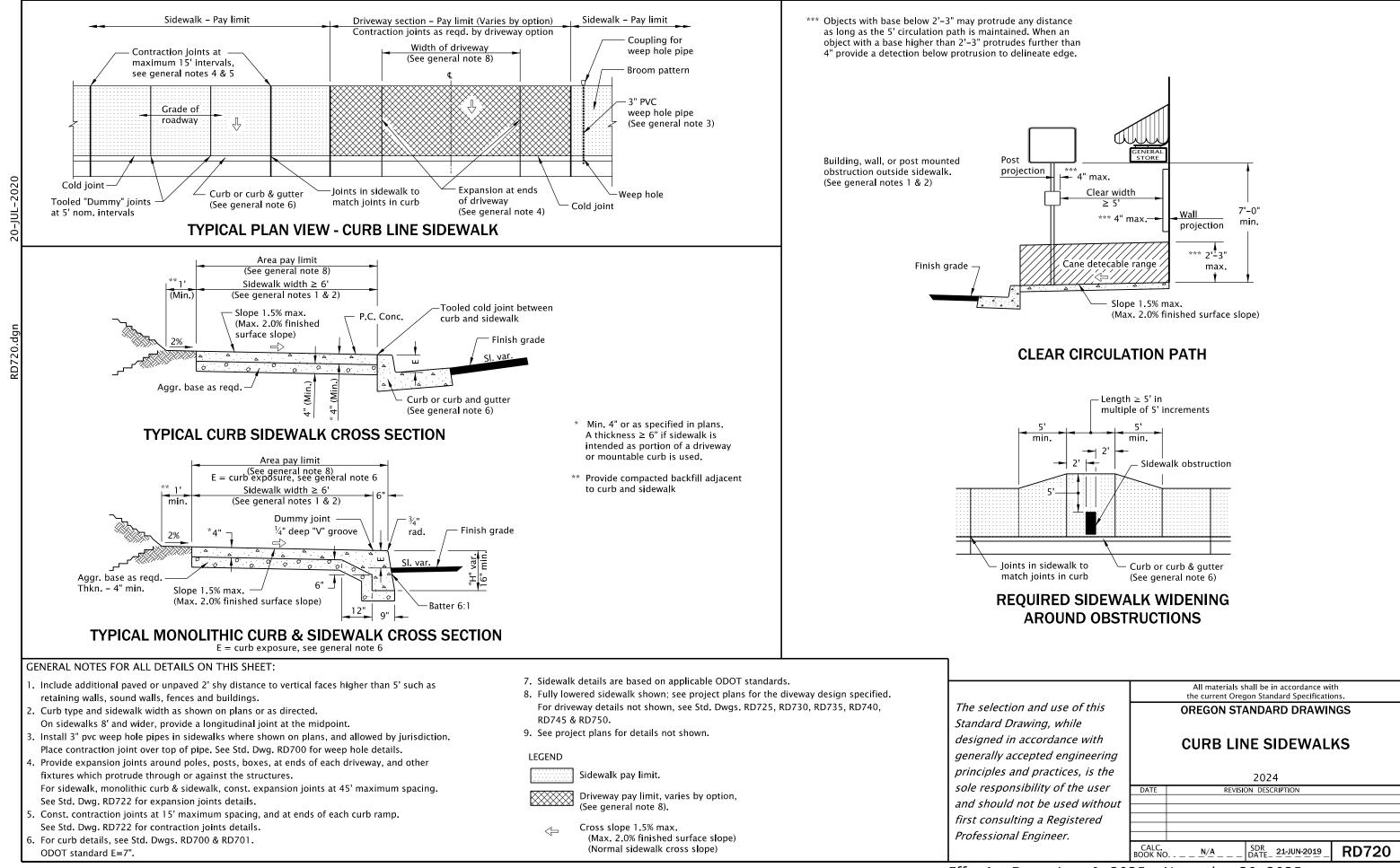
4. When bonding to dense graded ACP, apply epoxy cement between surfaces.

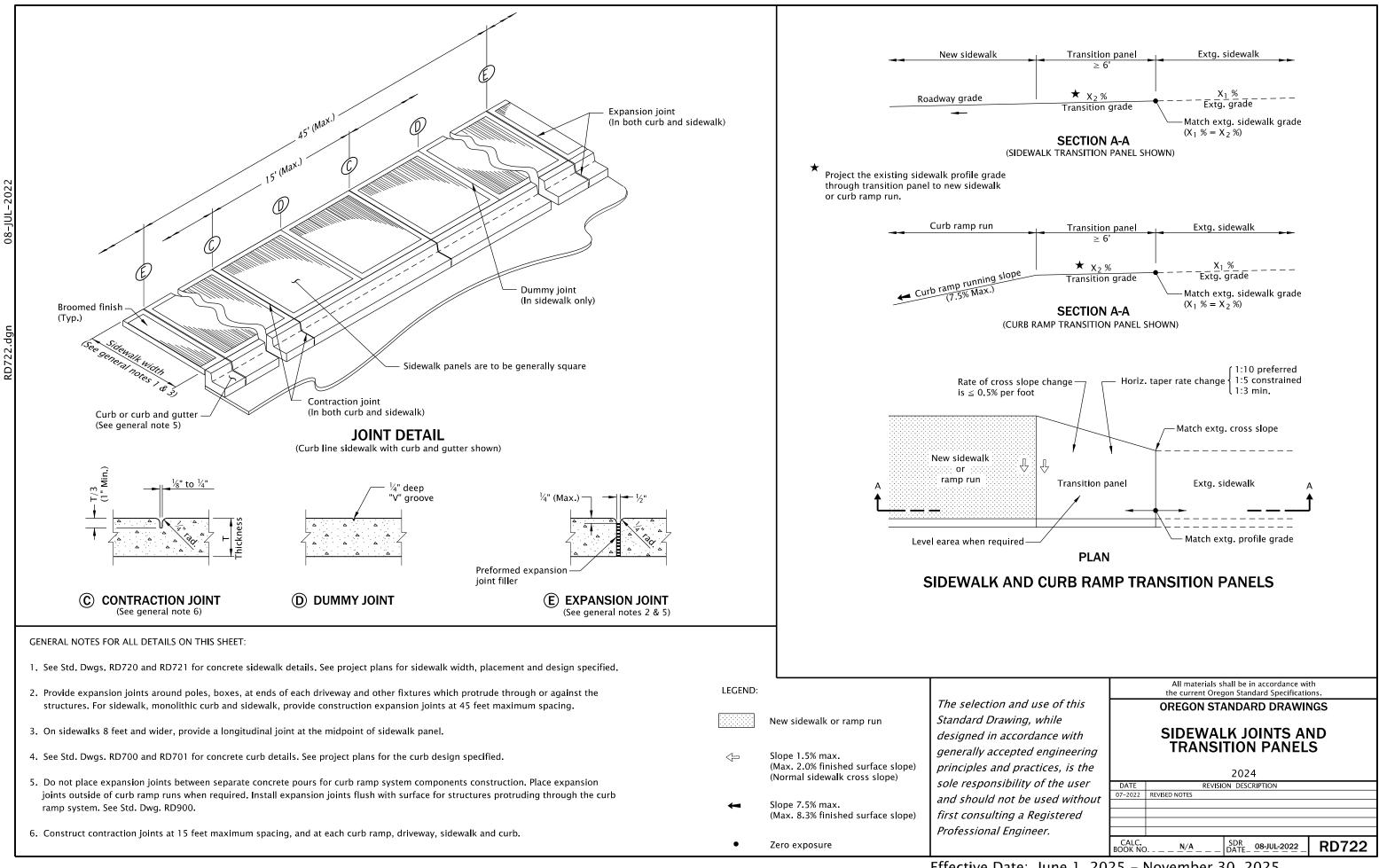
5. When drainage curb is required, curb alignment shall be the same as face of guardrail, as shown above. When a run of drainage curb, or any part thereof, is placed under guardrail,

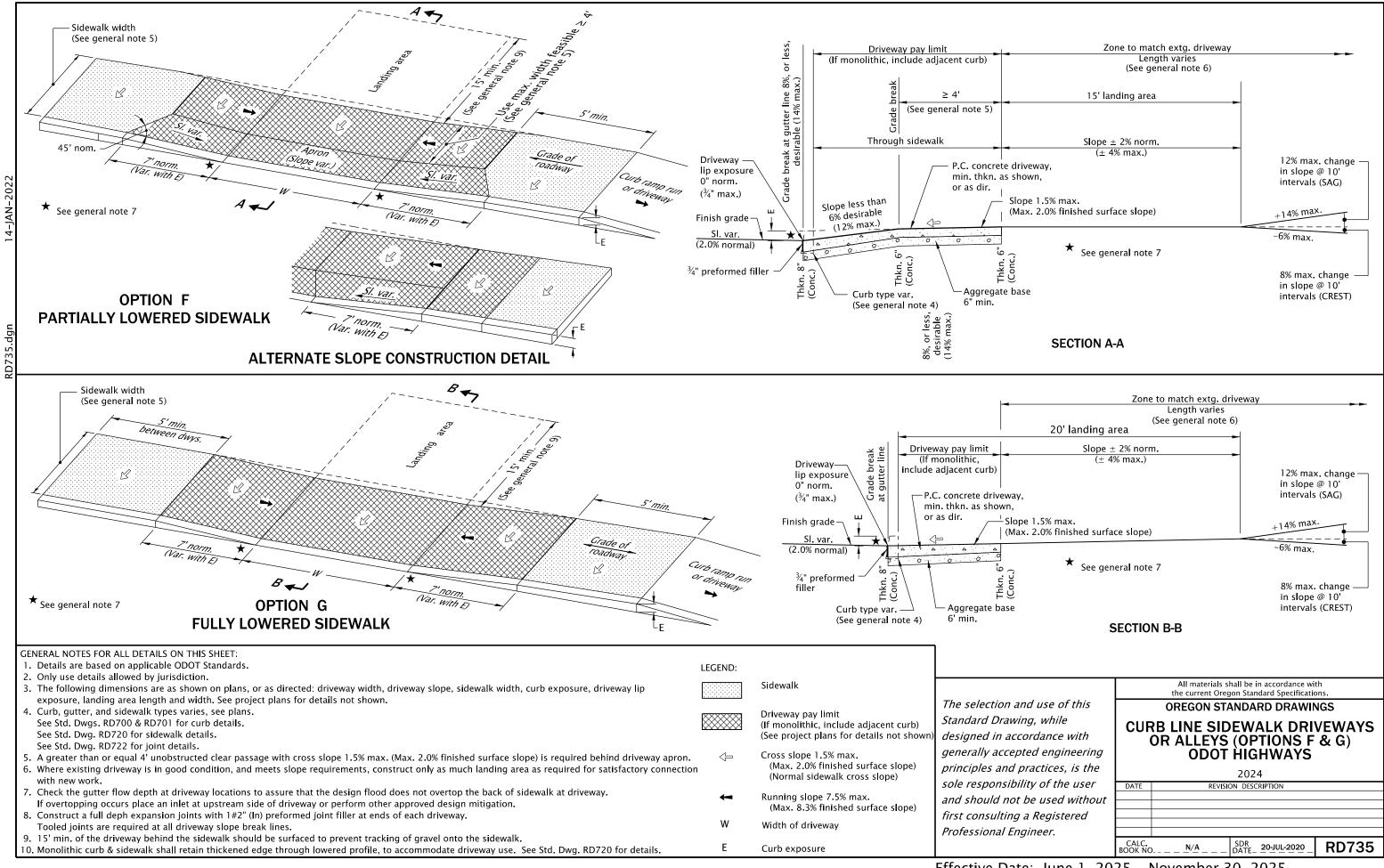
6. For other curb types, see Std. Dwg. RD700.

7. For guardrail details not shown, see Std. Dwg. RD400.

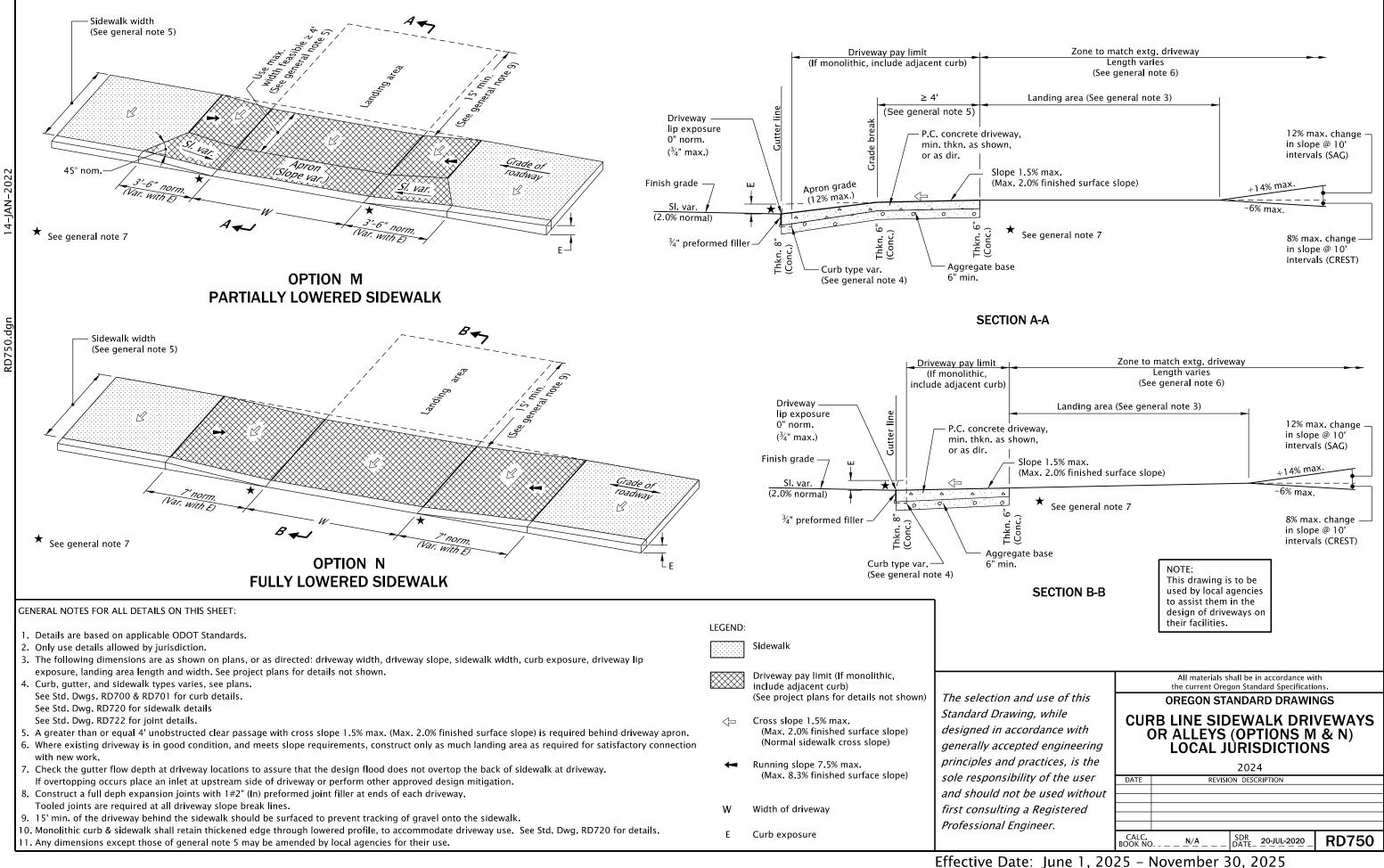
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Effective Date: June 1, 2025 - November 30, 2025



	CURB RAMP INDEX
STANDARD DRAWING NUMBER	STANDARD DRAWING TITLE
RD900	Curb Ramp Components and Legend
RD901	Curb Ramp Legend and Corner Identification
RD902	Detectable Warning Surface Details
RD904	Detectable Warning Surface Placement For Curb Ramps
RD905	Detectable Warning Surface Placement For Directional Curbs
RD906	Detectable Warning Surface Placement For Accesible Route Island
RD908	Detectable Warning Surface Placement For Rail
RD909	Detectable Guide Strip Placement at Bike Ramps
RD910	Perpendicular Curb Ramp
RD912	Perpendicular Curb Ramp
RD913	Perpendicular Curb Ramp With Closure
RD916	Perpendicular Curb Ramp Single Ramp
RD920	Parallel Curb Ramp
RD922	Parallel Curb Ramp Single Ramp
RD930	Combination Curb Ramp
RD932	Combination Curb Ramp
RD936	Combination Curb Ramp
RD938	Combination Curb Ramp Single Ramp
RD940	Blended Transition Curb Ramp Single Ramp
RD950	End of Walk Curb Ramp
RD952	End of Walk Curb Ramp
RD960	Unique Curb Ramp

LEGEND:

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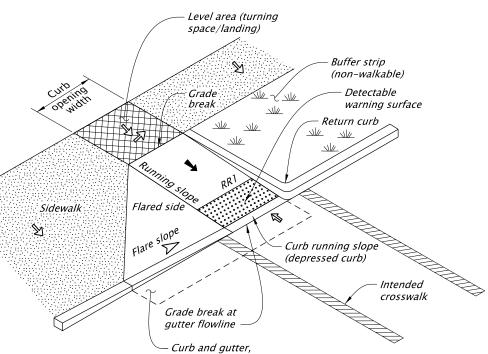
- Marked or intended crossing location
 - Sidewalk or other traversable surface
- Detectable warning surface (DWS)
- Level area (Turning space/landing)
- Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)
- ~~~ Running slope 4.0% maximum (Maximum 4.9% finished surface slope)
- Running slope 7.5% maximum 4-(Maximum 8.3% finished surface slope)
- *Counter slope 4.0% maximum ascending or descending* (Maximum 5.0% finished surface slope) Slope as required for drainage
 - Flare slope (Maximum 10.0% finished surface slope)

4'x4' clear space

RR1 Ramp Run position 1

INTERSECTION CONDITION TYPES

- MB = Midblock, less than or equal to roadway grade finished gutter flow slope
- SU = Signalized or uncontrolled, maximum 5.0% finished gutter flow slope
- *SY* = *Stop or Yield, maximum 2.0% finished gutter* flow slope

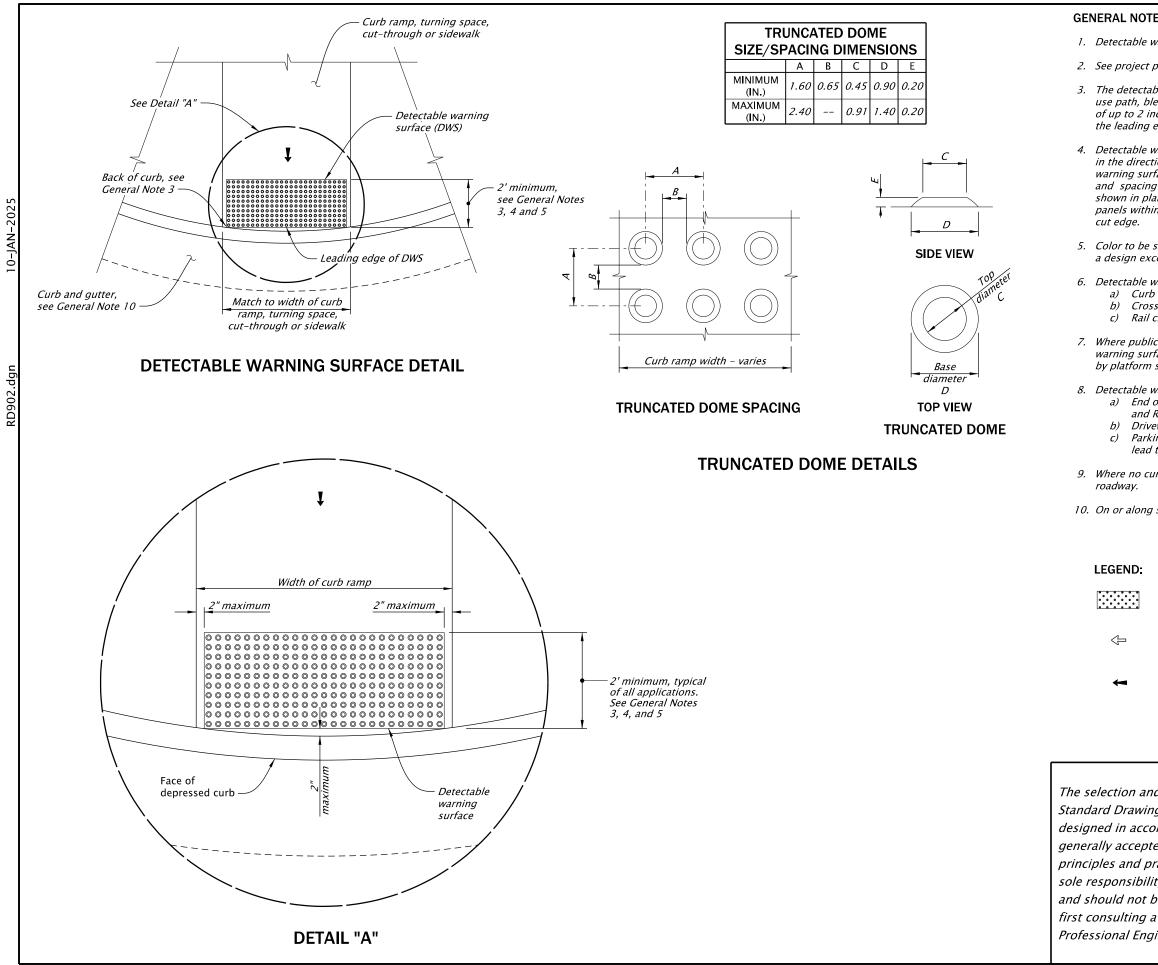


typical, flush with pavement

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TYPICAL CURB RAMP SYSTEM COMPONENTS (PERPENDICULAR TYPE SHOWN)

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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details and locations are based on applicable ODOT Standards.

2. See project plans for details not shown. See drawings RD700 and RD701 for curbs.

3. The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").

4. Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place abutting panels within1/4-inch of each other and install anchors, as specified by manufacturers, along

5. Color to be safety yellow, if no color specified in construction note. Alternative colors require a design exception on or along state highways.

6. Detectable warning surface shall be used in the following locations: a) Curb ramps at street crossings b) Crossing islands (Accessible Route Islands) c) Rail crossings

7. Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards. See drawing RD908.

8. Detectable warning surface shall not be used on the following locations: a) End of sidewalk transitions that are not at a crosswalk. See drawings RD950, RD952 and RD960.

Driveways, unless constructed with curb return or are signalized. Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.

9. Where no curb is present, the detectable warning surface shall be placed at the edge of the

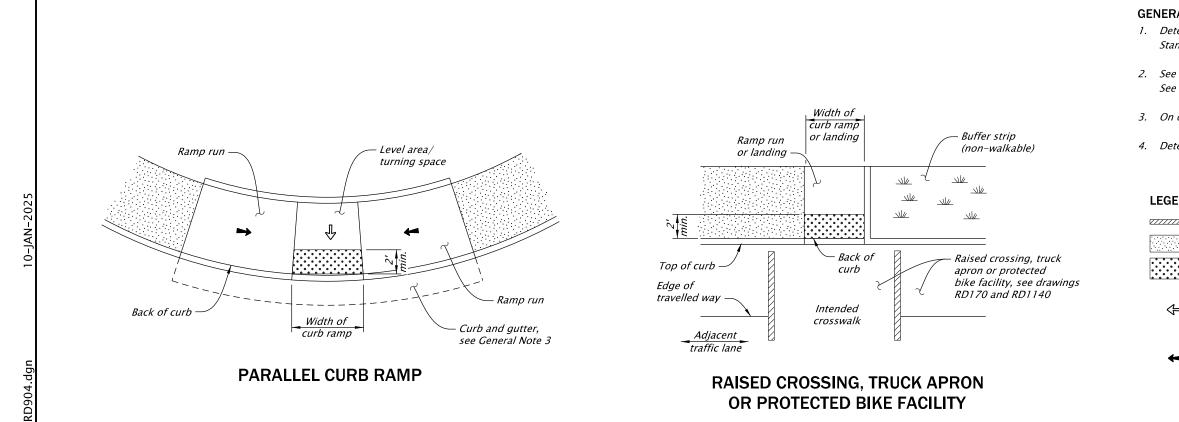
10. On or along state highways, curb and gutter is required at curb ramps.

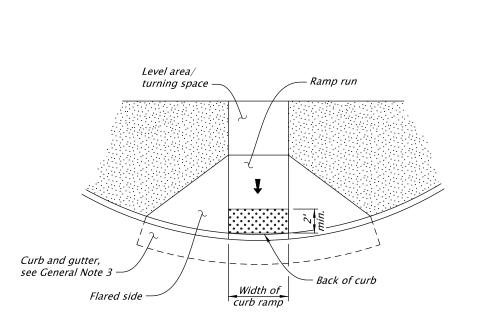
Detectable warning surface

Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)

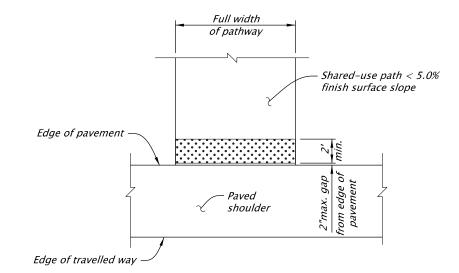
Running slope 7.5% maximum (Maximum 8.3% finished surface slope)

		All materials shall be in accordance with the current Oregon Standard Specifications.
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SHARED-USE PATH CONNECTION **OR CURBLESS WALKWAY**

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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details and locations are based on applicable ODOT Standards.

2. See project plans for details not shown. See drawings RD700 and RD701 for curbs. See drawing RD902 for detectable warning surface installation details.

3. On or along state highways, curb and gutter is required at curb ramps.

4. Detectable warning surface placement for perpendicular ramps vary as shown.

LEGEND:

ZZZ Marked or intended crossing location	7772	Marked	or	intended	crossing	location
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Sidewalk

Detectable warning surface

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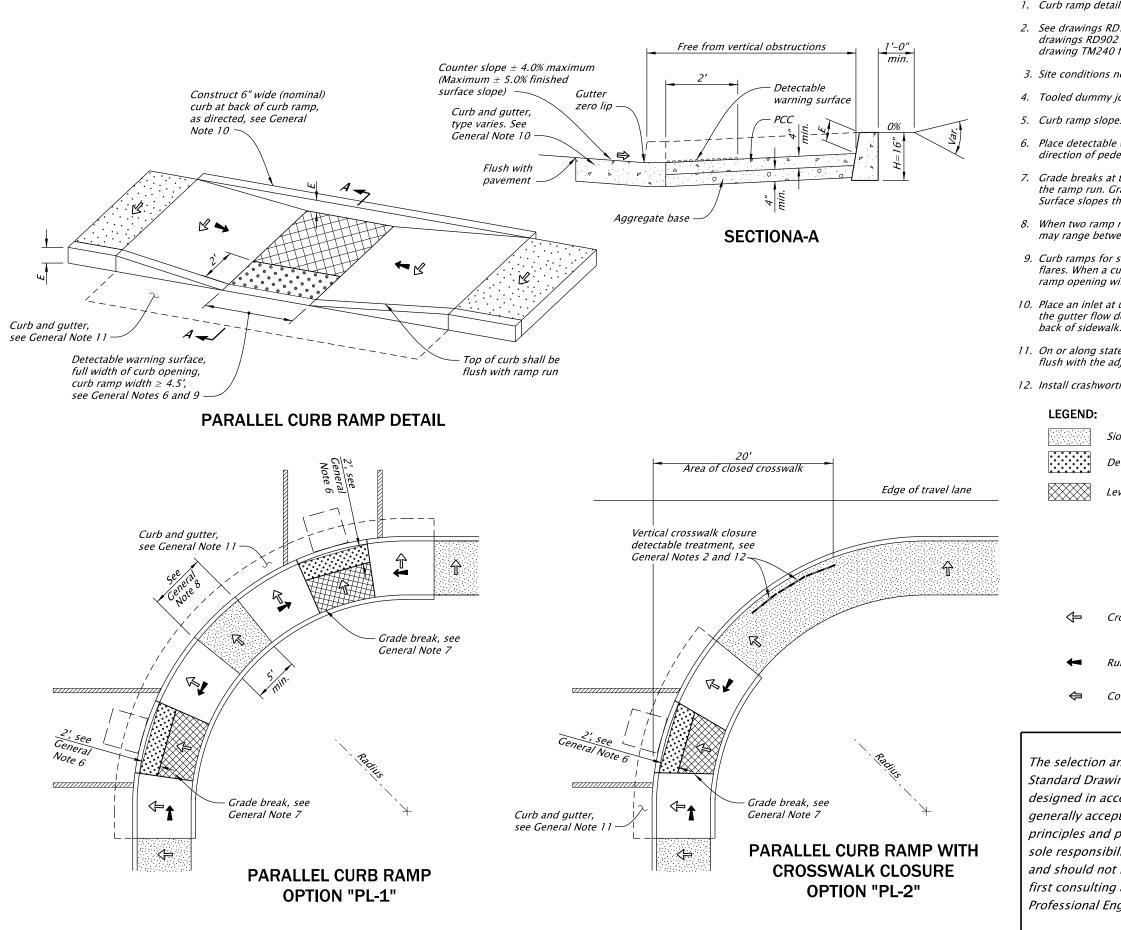
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Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)

Running slope 7.5% maximum (Maximum 8.3% finished surface slope)

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GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:



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RD920.

1. Curb ramp details are based on applicable ODOT Standards.

2. See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface installation details. See drawing TM240 for crosswalk closure detail.

3. Site conditions normally require a project specific design. See project plans for details not shown.

4. Tooled dummy joints are required at all curb ramp grade break lines, see drawing RD722.

5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).

6. Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.

7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

8. When two ramp runs are immediately adjacent, the curb exposure (E) between the adjacent side may range between 3 inches and full design exposure.

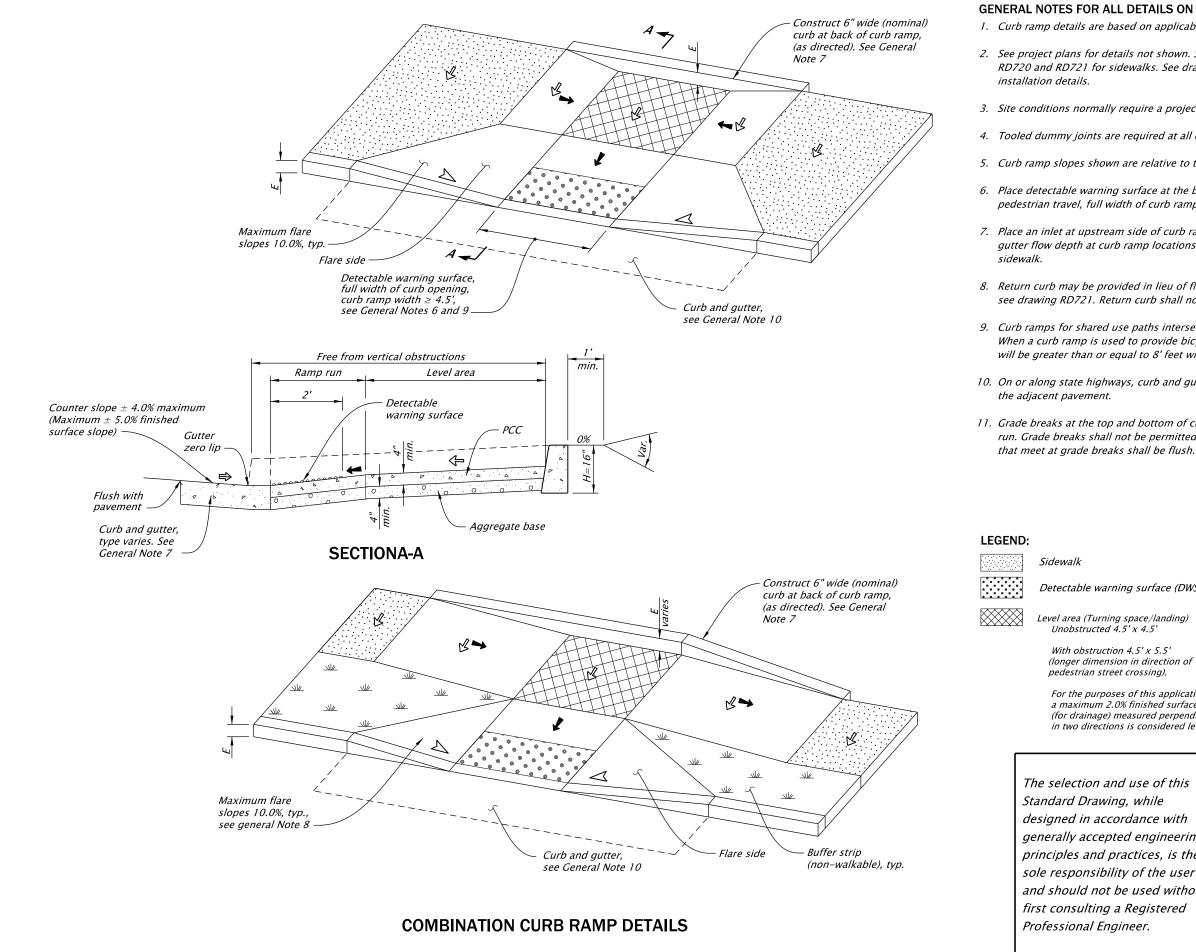
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be greater than or equal to 8 feet wide. See drawing RD909 for additional details

10. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the

11. On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.

12. Install crashworthy vertical crosswalk closure detectable treatment approved by road authority.

idewalk etectable warning surf	face (DW)	5)	┌─ ┐ ╎│	4'x4' clear	r space
evel area (Turning spac Unobstructed 4.5' x		ng)			
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RD930.dgn

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.

2. See project plans for details not shown. See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawings RD902 through RD908 for detectable warning surface

3. Site conditions normally require a project specific design. See project plans for details not shown.

4. Tooled dummy joints are required at all curb ramp slope break lines. See drawing RD722.

5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).

6. Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel, full width of curb ramp opening that is adjacent to traffic.

7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of

8. Return curb may be provided in lieu of flared slope only if protected from traverse travel by softscape, see drawing RD721. Return curb shall not reduce width of approaching sidewalk.

9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be greater than or equal to 8' feet wide. See drawing RD909 for additional details.

10. On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with

11. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes

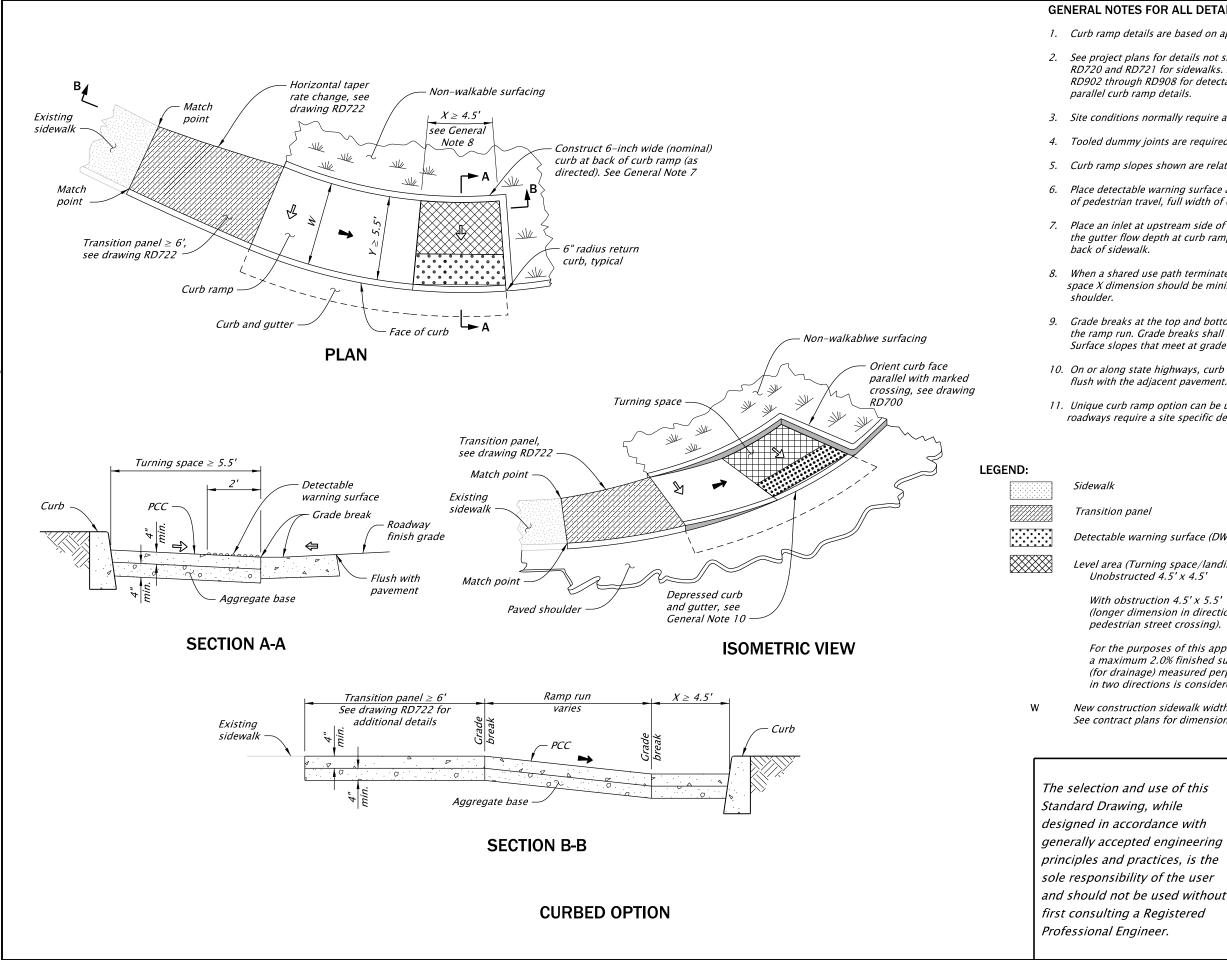
rning surface (DWS)	Ŷ	Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)				
ing space/landing) I 4.5' x 4.5'	+	Running slope 7.5% maximum (Maximum 8.3% finished surface slope)				
tion 4.5' x 5.5' sion in direction of eet crossing).	4	Counter slope 4.0% maximum ascending or descending (Maximum 5.0% finished surface slope) Slope as required for drainage				
oses of this application, 2.0% finished surface slop) measured perpendicular ions is considered level.		Flare slope (Maximum 10% finished surface slope)				
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RD930

Effective Date: June 1, 2025 - November 30, 2025

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dgn RD960.

0-JAN-2025

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT applicable Standards.

See project plans for details not shown. See drawings RD700 and RD701 for curbs. See drawings RD720 and RD721 for sidewalks. See drawing RD722 for transition panel details. See drawings RD902 through RD908 for detectable warning surface installation details. See drawing RD920 for

3. Site conditions normally require a project special design. See project plans for details not shown.

4. Tooled dummy joints are required at all curb ramp grade break lines. See drawing RD722.

Curb ramp slopes shown are relative to the true level horizon (zero bubble).

Place detectable warning surface at the back of curb for a minimum depth of 2 feet in the direction of pedestrian travel, full width of curb ramp opening, that is adjacent to traffic.

7. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the

8. When a shared use path terminates, the curb ramp shall be the full width of the path, the turning space X dimension should be minimum 8 feet wide to enable bicycles to ride from ramp to

9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

10. On or along state highways, curb and gutter is required at curb ramps. Curb and gutter shall be flush with the adjacent pavement.

11. Unique curb ramp option can be used for curved or tangent roadway sections. Superelevated roadways require a site specific detail.

Detectable warning surface (DWS)

Level area (Turning space/landing) Unobstructed 4.5' x 4.5'

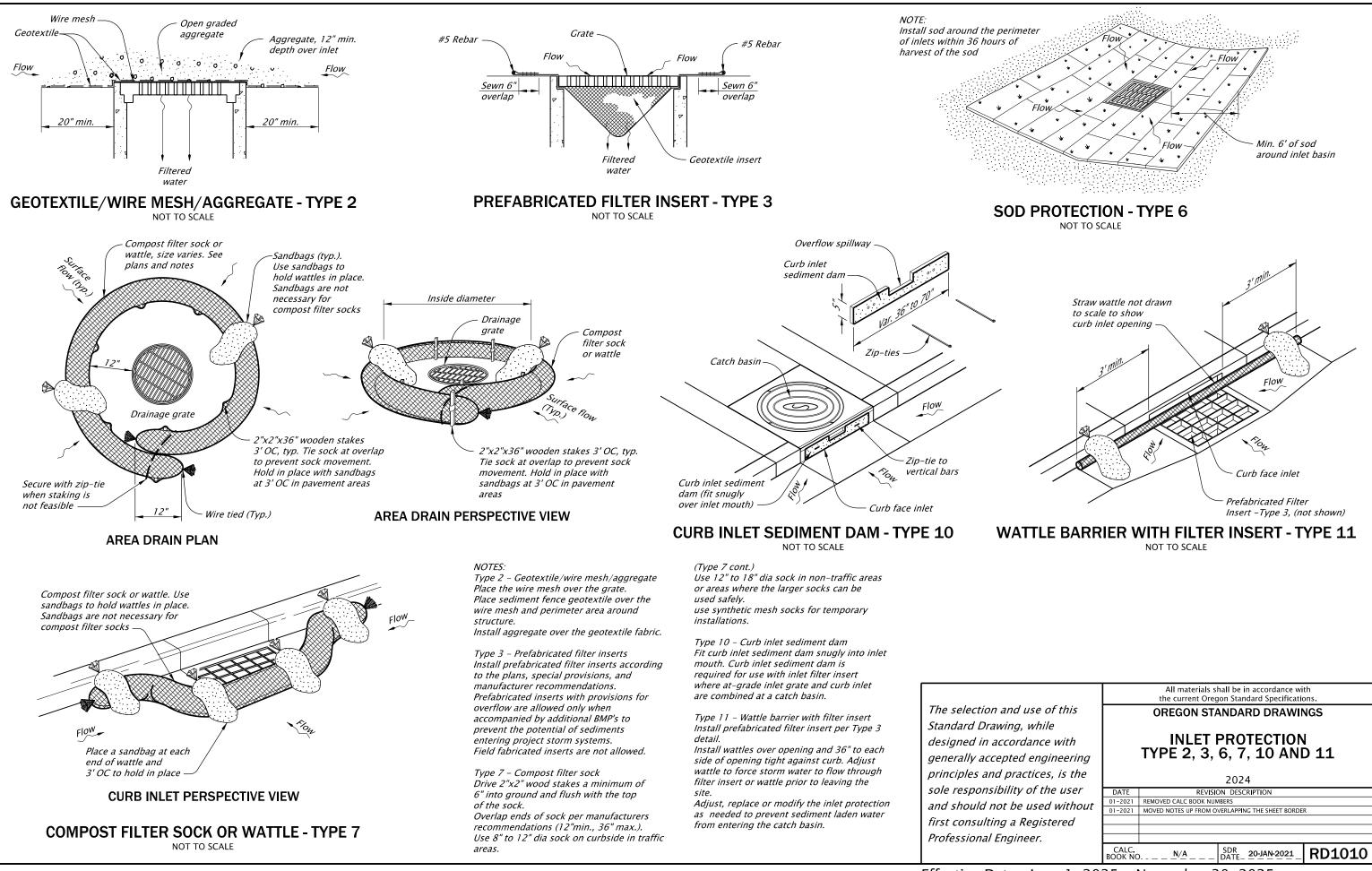
With obstruction 4.5' x 5.5' (longer dimension in direction of pedestrian street crossing).

For the purposes of this application, a maximum 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.

New construction sidewalk width. See contract plans for dimension.

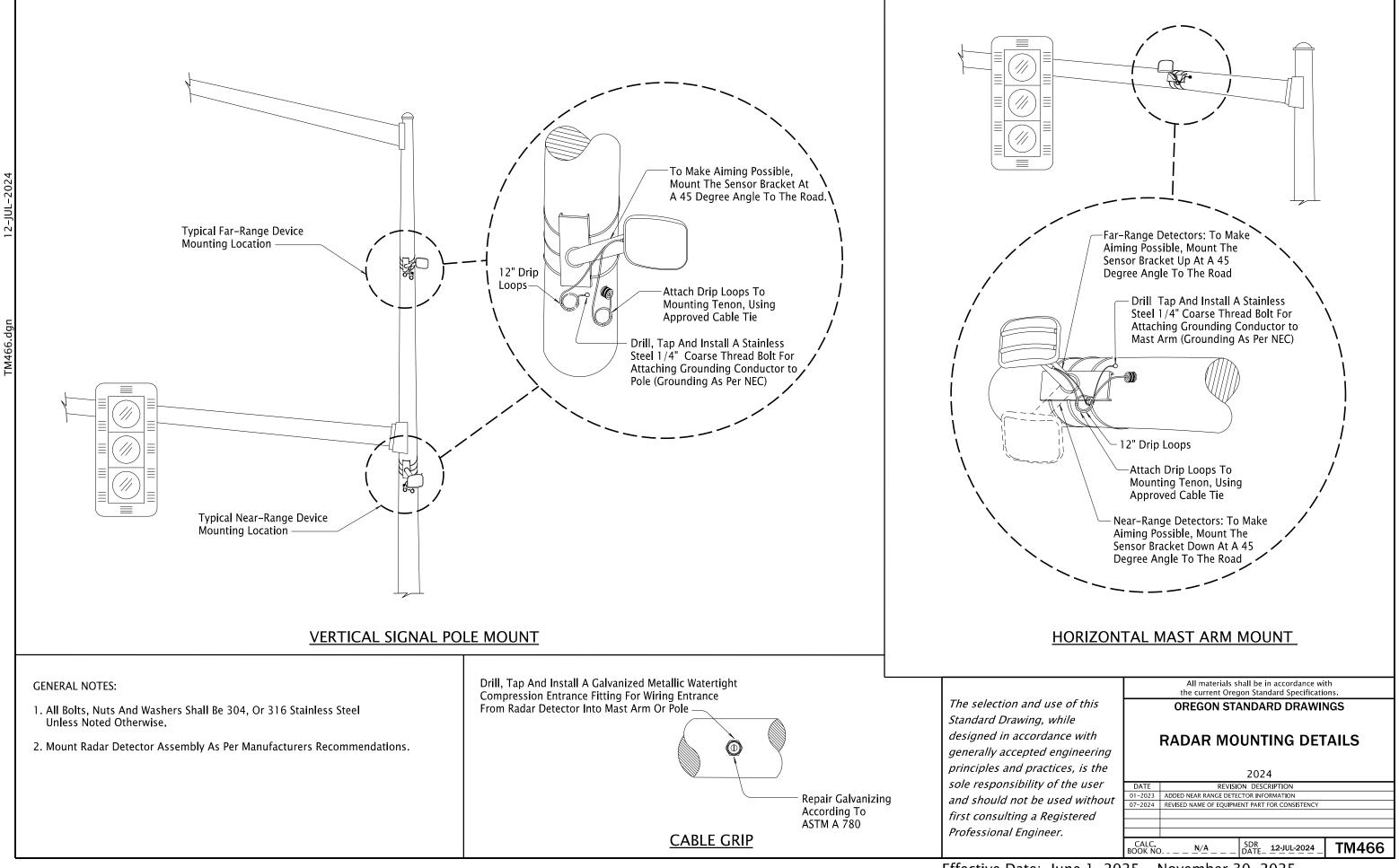
- Cross slope 1.5% maximum (Maximum 2.0% finished surface slope) (Normal sidewalk cross slope)
- Counter slope 4.0% maximum ascending or descending (Maximum 5.0% finished surface slope) Slope as required for drainage
- Running slope 7.5% maximum (Maximum 8.3% finished surface slope)

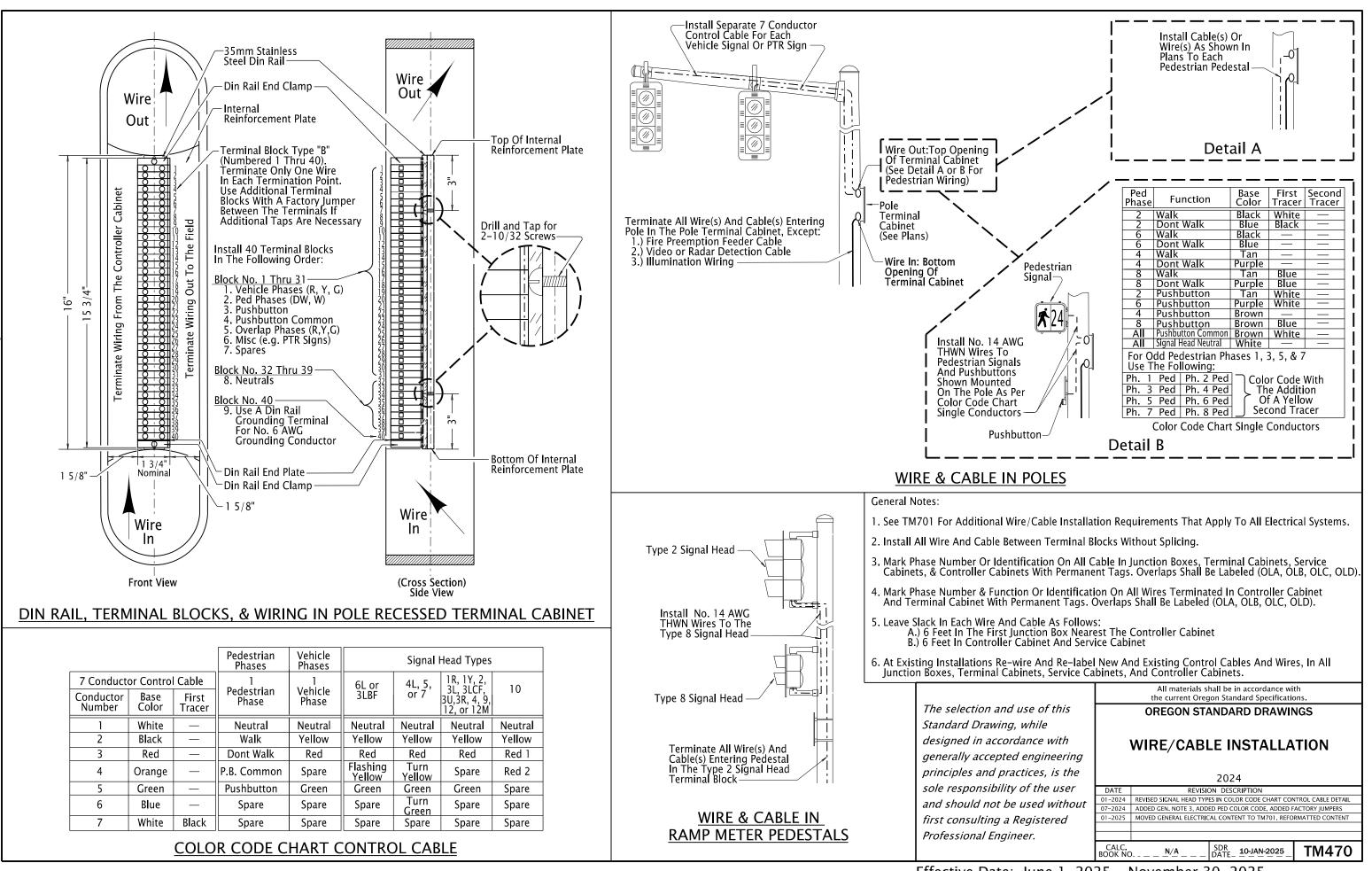
All materials shall be in accordance with the current Oregon Standard Specifications. **OREGON STANDARD DRAWINGS** UNIQUE CURB RAMP 2024 REVISION DESCRIPTION DATE 01-2025 UPDATED CAD STANDARDS CALC. BOOK NO. SDR DATE_ 10-JAN-2025 RD960 N/A



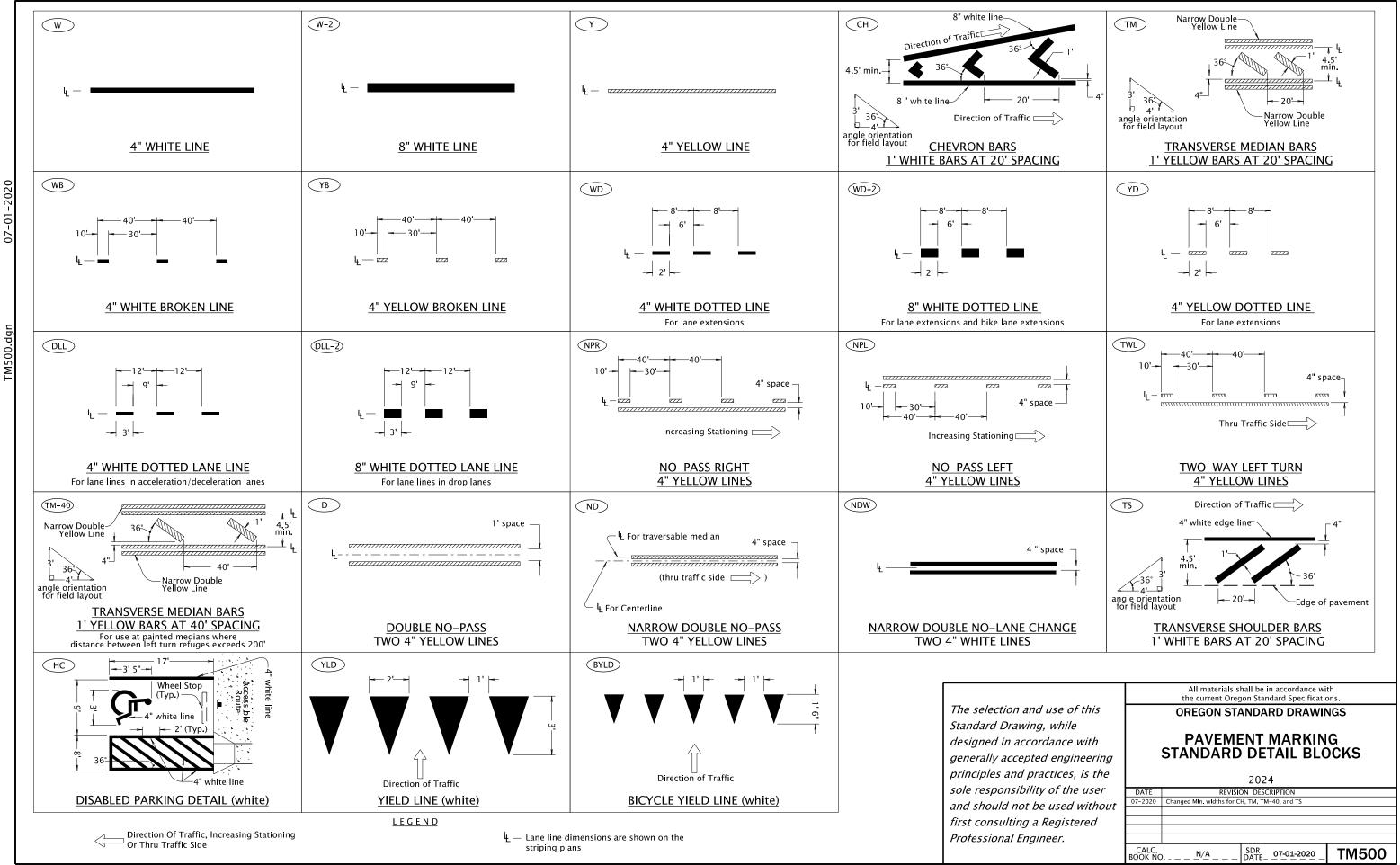
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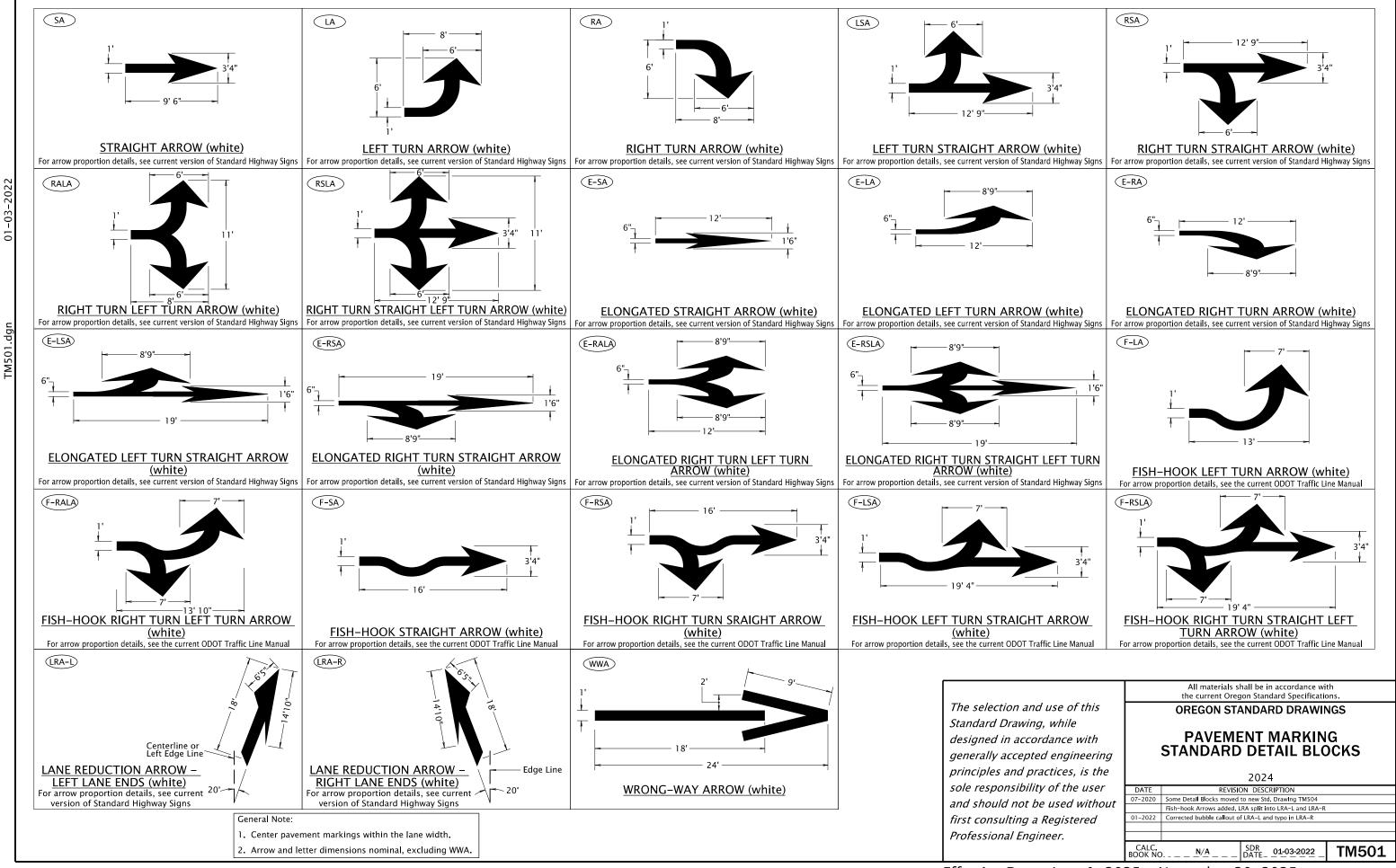
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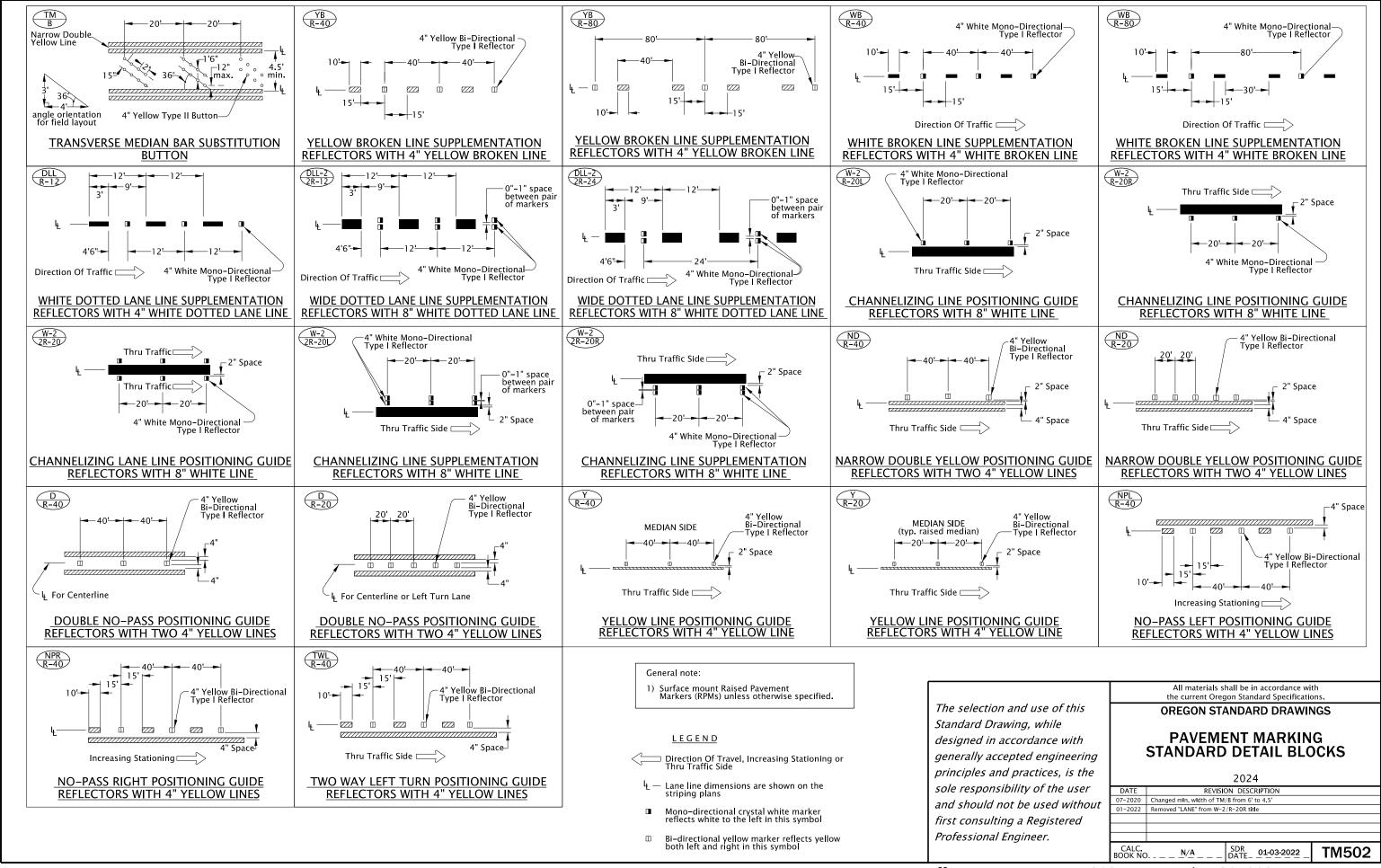
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-	2024						
he user	DATE REVISION DESCRIPTION						
d without	01–2024 REVISED SIGNAL HEAD TYPES IN COLOR CODE CHART CONTROL CABLE DETAIL						
u without	07-2024	ADDED GEN. NOTE 3, ADDED PED COLOR CODE, ADDED FACTORY JUMPERS					
stered	01-2025	5 MOVED GENERAL ELECTRICAL CONTENT TO TM701. REFORMATTED CONTENT					
	CALC. BOOK NC) <u>N/A</u>	SDR DATE_ 10-JAN-2025 _	TM470			





TM501.

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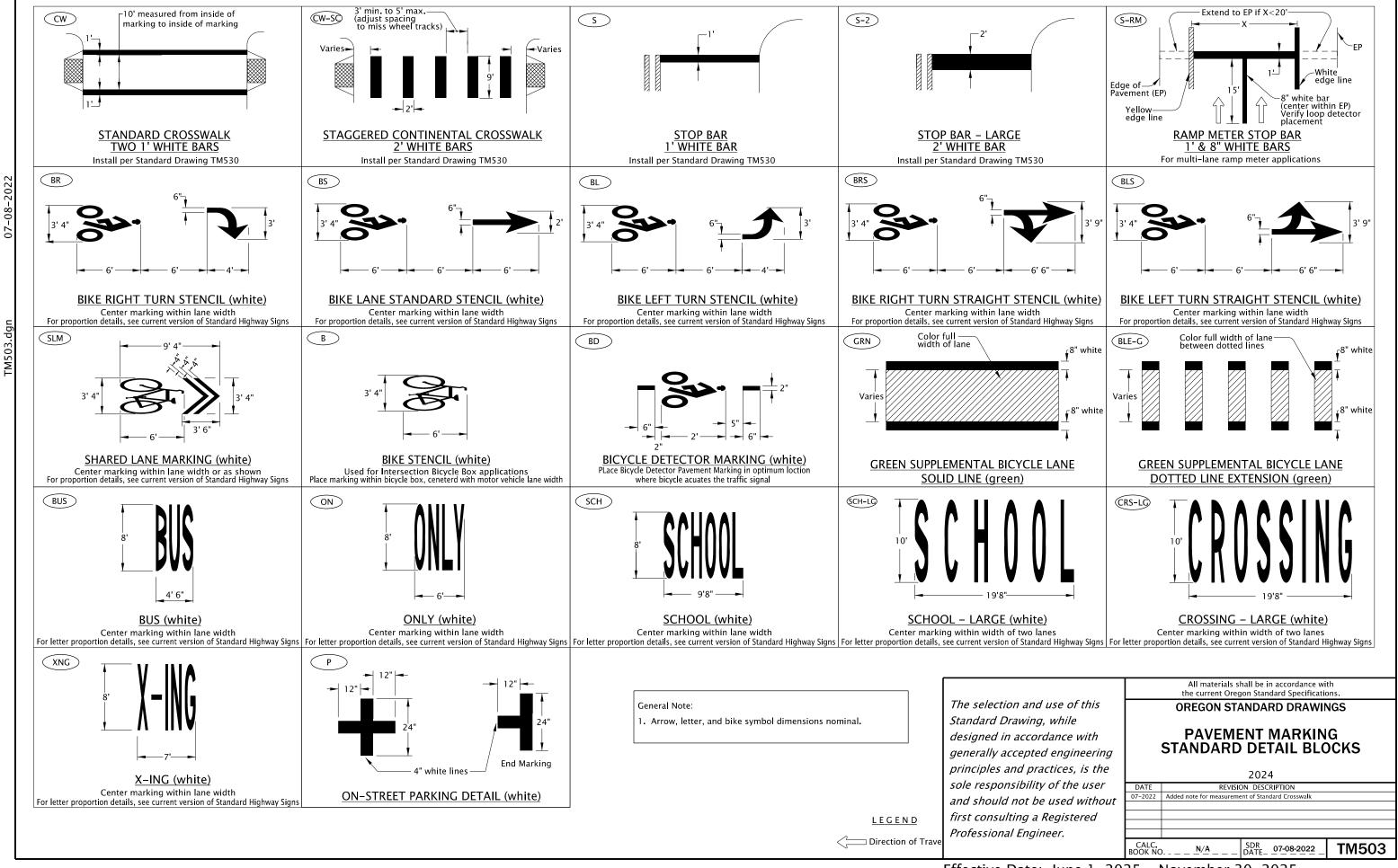


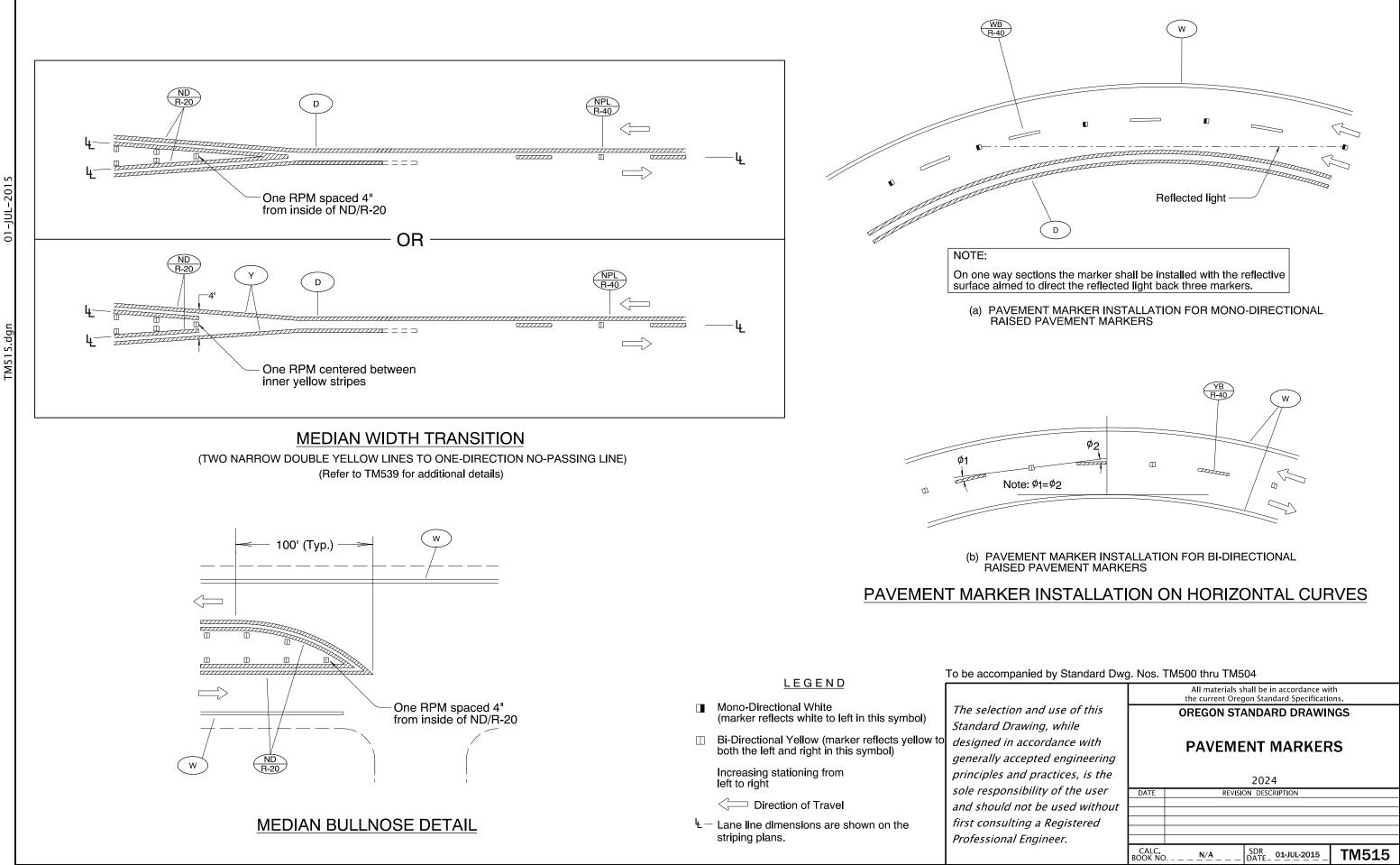
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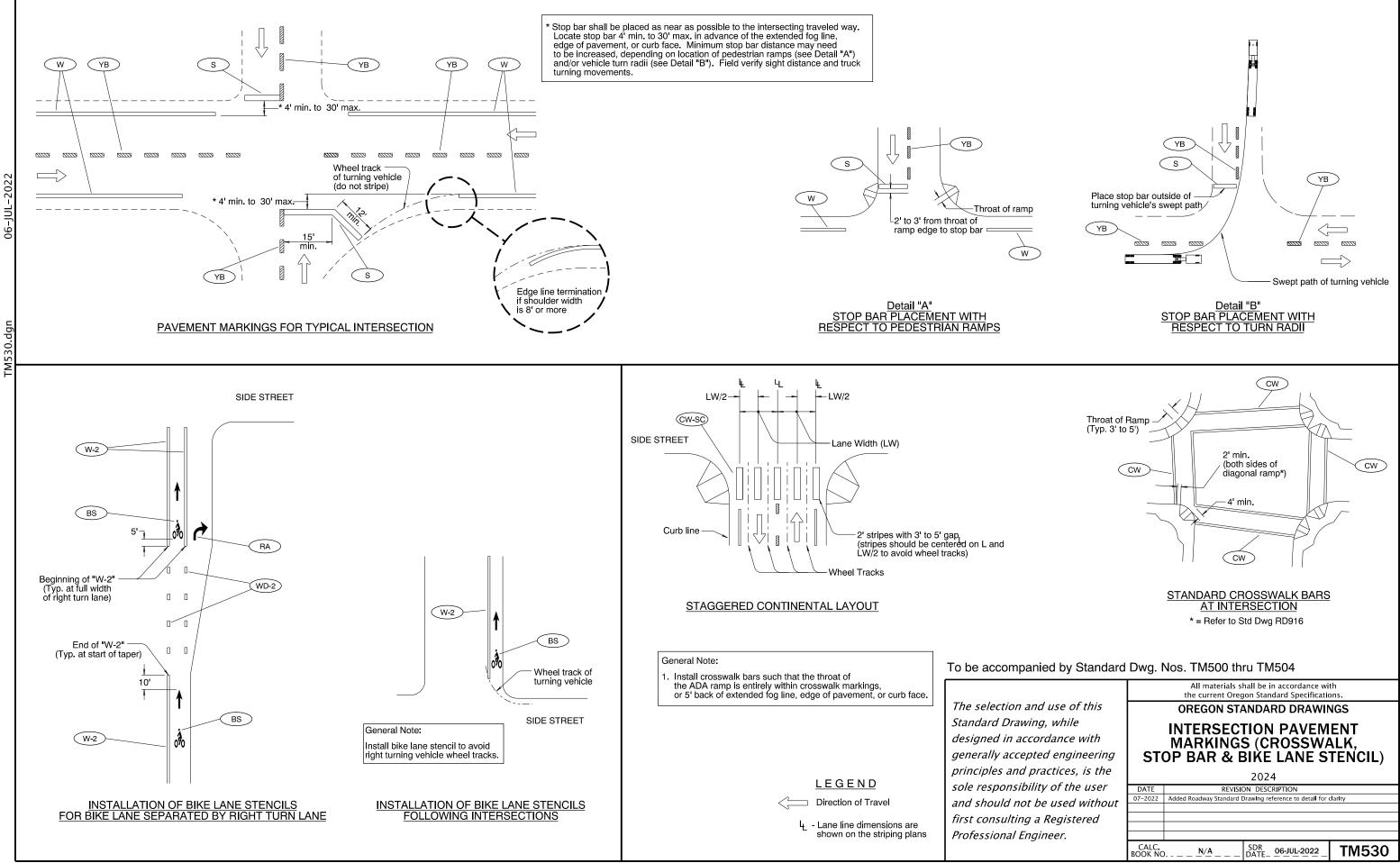
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TM502.dgn



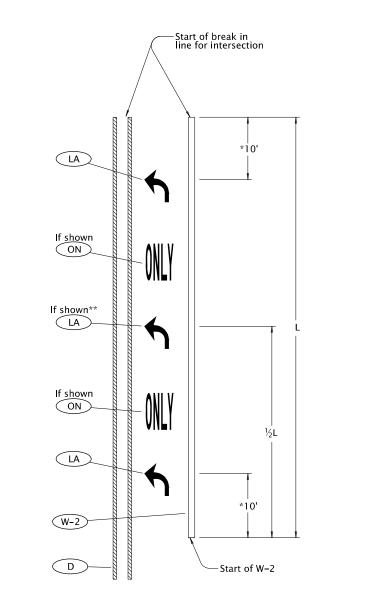




Effective Date: June 1, 2025 - November 30, 2025

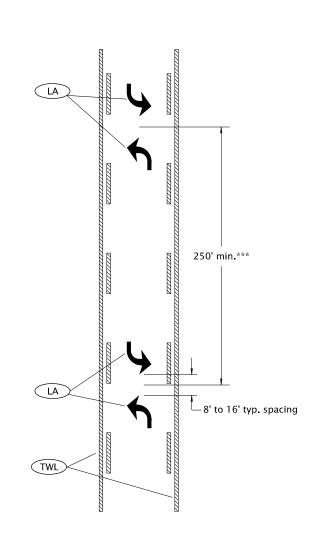
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TM531.



LANE USE ARROW PLACEMENT FOR TURN LANE

DETAIL "A"



TWO-WAY LEFT TURN LANE ARROW PLACEMENT

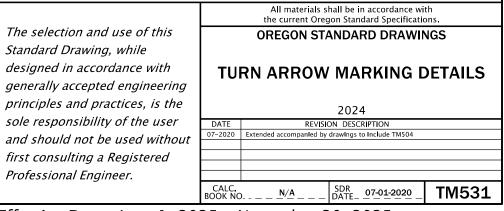
DETAIL "B"

General Notes:

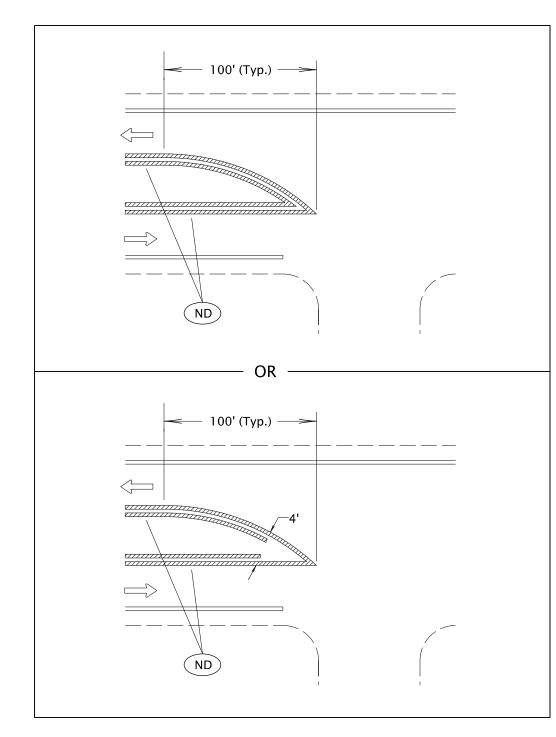
- 1) Center pavement marking legends within the lane.
- 2) Placement of lane use arrows with respect to the 8" wide white line (W-2) channelization shown in Detail "A" applies to both left and right turn lanes.
- 3) Center "ONLY" markings between lane use arrows.
- * 15' when installing elongated arrows.
- ** When L is greater than 400', install 3rd lane use arrow at $\frac{1}{2}$ L as shown in Detail "A".
- *** Double arrows to be placed at even intervals, proportioned within block or as shown.

Standard Drawing, while designed in accordance with first consulting a Registered Professional Engineer.

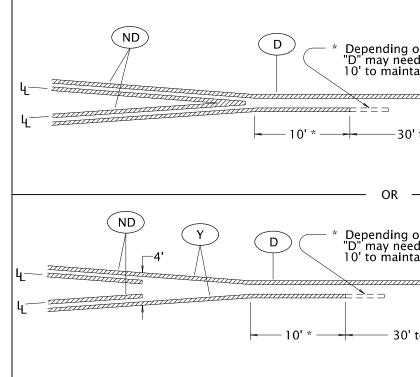
To be accompanied by Standard Dwg. Nos. TM500 thru TM504



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MEDIAN BULLNOSE DETAIL



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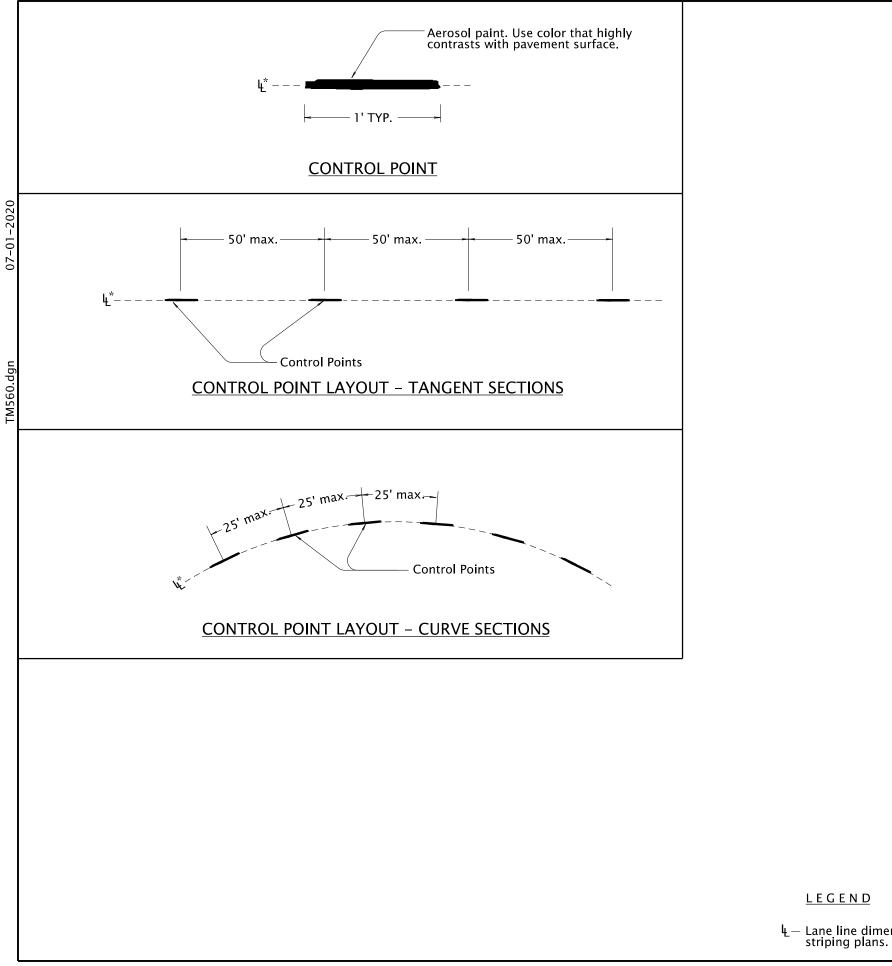
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m L}-$ Lane line dimensions are shown on the striping plans Professional En

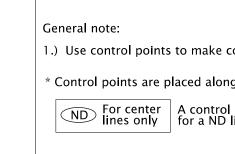
<u>L E G E N D</u>

Increasing stationing from left to right

C Direction of Travel

* Depending on the "NPL" skip cy "D" may need to be extended b 10' to maintain the following 30	ycle, eyond 0'–40' c	NPL	$^{\sim}$			
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first consulting a Registered						
Professional Engineer.						
	CALC. BOOK NO	<u>N/A</u>		SDR DATE_	07-01-2020	TM539





To be accompanied by Standard Dwg. Nos. TM500 thru TM504

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L— Lane line dimensions are shown on the striping plans.

1.) Use control points to make continous narrow guideline as specified.

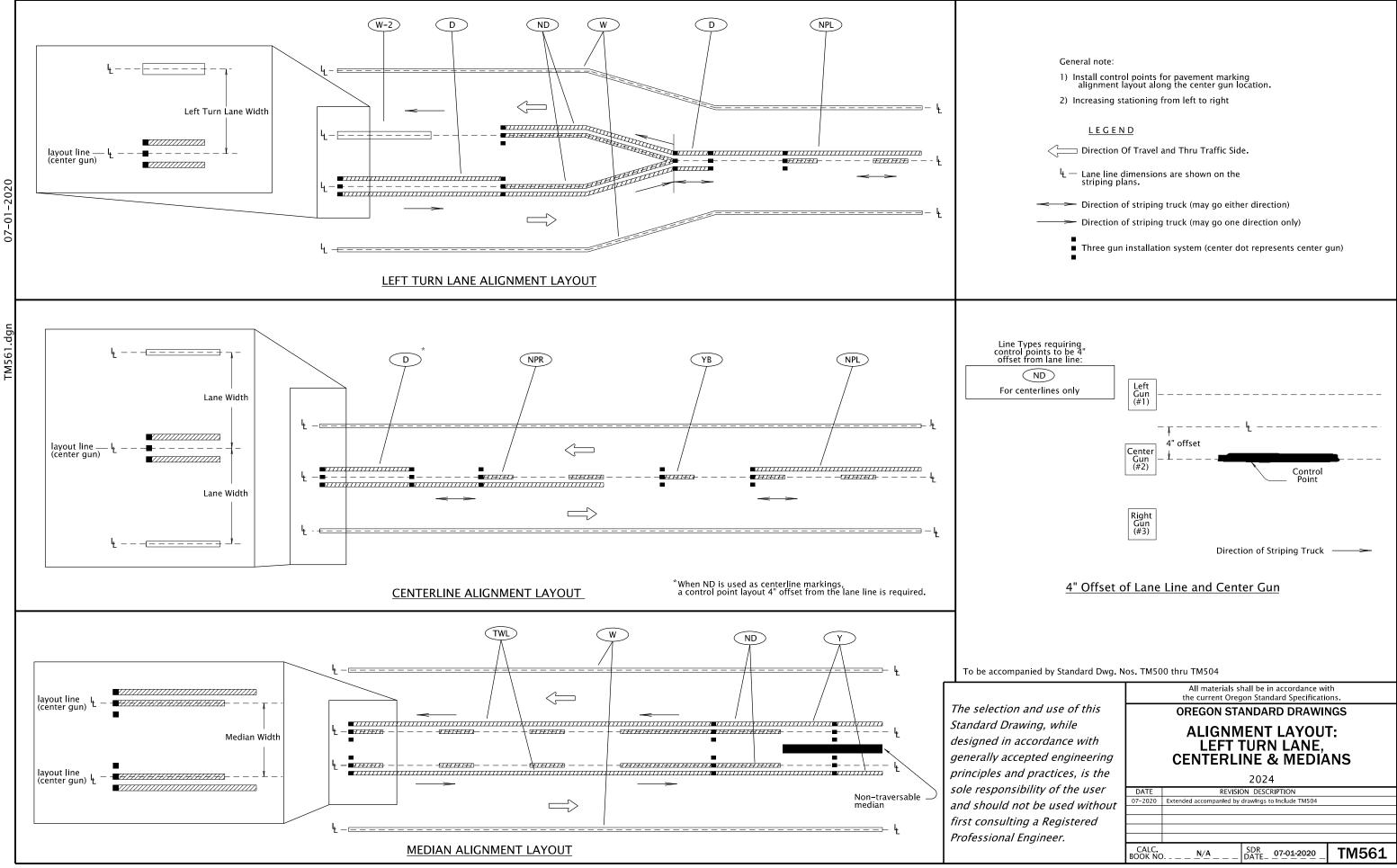
* Control points are placed along the lane line for all longitudinal lines except the following:

ND For center A control point layout 4" offset from the lane line is required for a ND line when used as a center line.

			hall be in accordance wi gon Standard Specificatio			
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	CALC. BOOK NC) <u>N/A</u>	SDR DATE_ 07-01-2020 _	TM56		

Effective Date: June 1, 2025 - November 30, 2025

TM560



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)	Varies (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 o	r Shoulder Wic	lth being close	d 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			
		F	REEWAYS	5				
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								
★ SPEED (mph)	Sig	n Spacing	(ft)	Max. Channelizing				
	А	В	С	Device Spacing (fť)				
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				

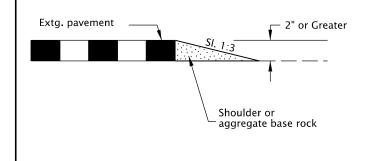
NOTES:

• Place traffic control devices on 10 ft. spacing for intersection and access radii. • When necessary, sign spacing may be adjusted to fit site conditions.

Limit spacing adjustments to 30% of the "A" dimension for all speeds.

NOTES:

- When paved shoulders adjacent to excavations are less than four feet wide protect longitudinal abrupt edge as shown.
- Use aggregate wedge when abrupt edge is 2 inches or greater.

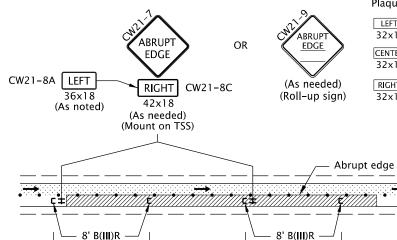


EXCAVATION ABRUPT EDGE

NOTES:

- Abrupt edges may be created by paving, operations, excavations • or other roadway work. Use abrupt edge signing for longitudinal abrupt edges of 1 inch or greater.
- If the excavation is located on left side of traffic, replace the 8' B(III)R barricades with 8' B(III)L barricades and replace the "RIGHT" (CW21-8C) riders with "LEFT" (CW21-8A) riders.
- Continue signing and other traffic control devices throughout excavation area at spacings shown.
- If roll-up signs are used, attach the correct (CW21-9) . plagues to the sign face using hook and loop fasteners. Place roll-up signs in advance of barricades.

1/4 mi.

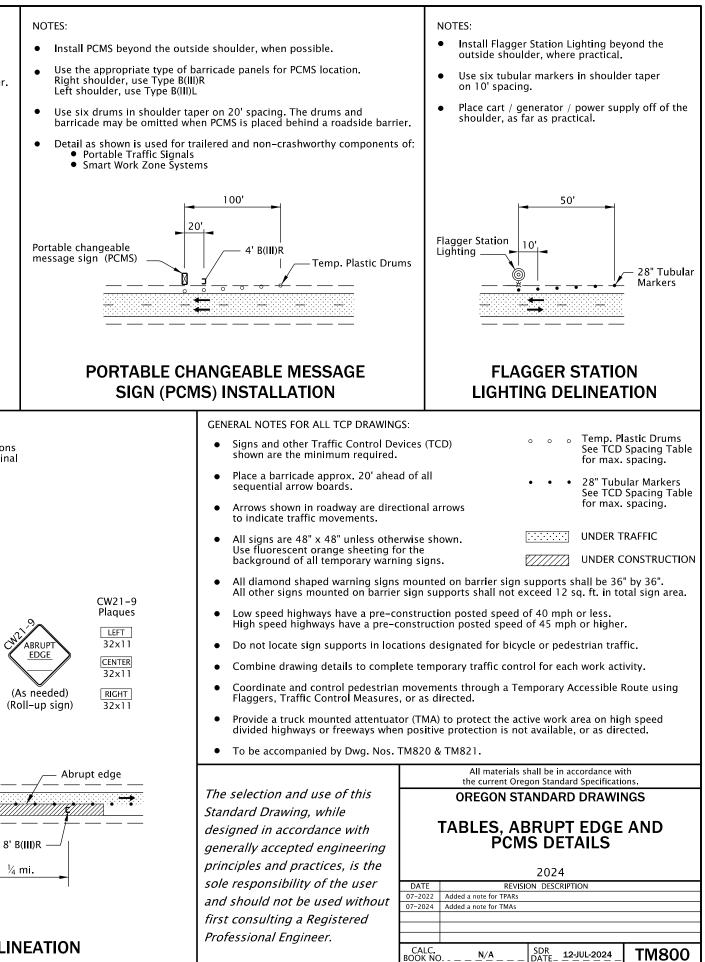


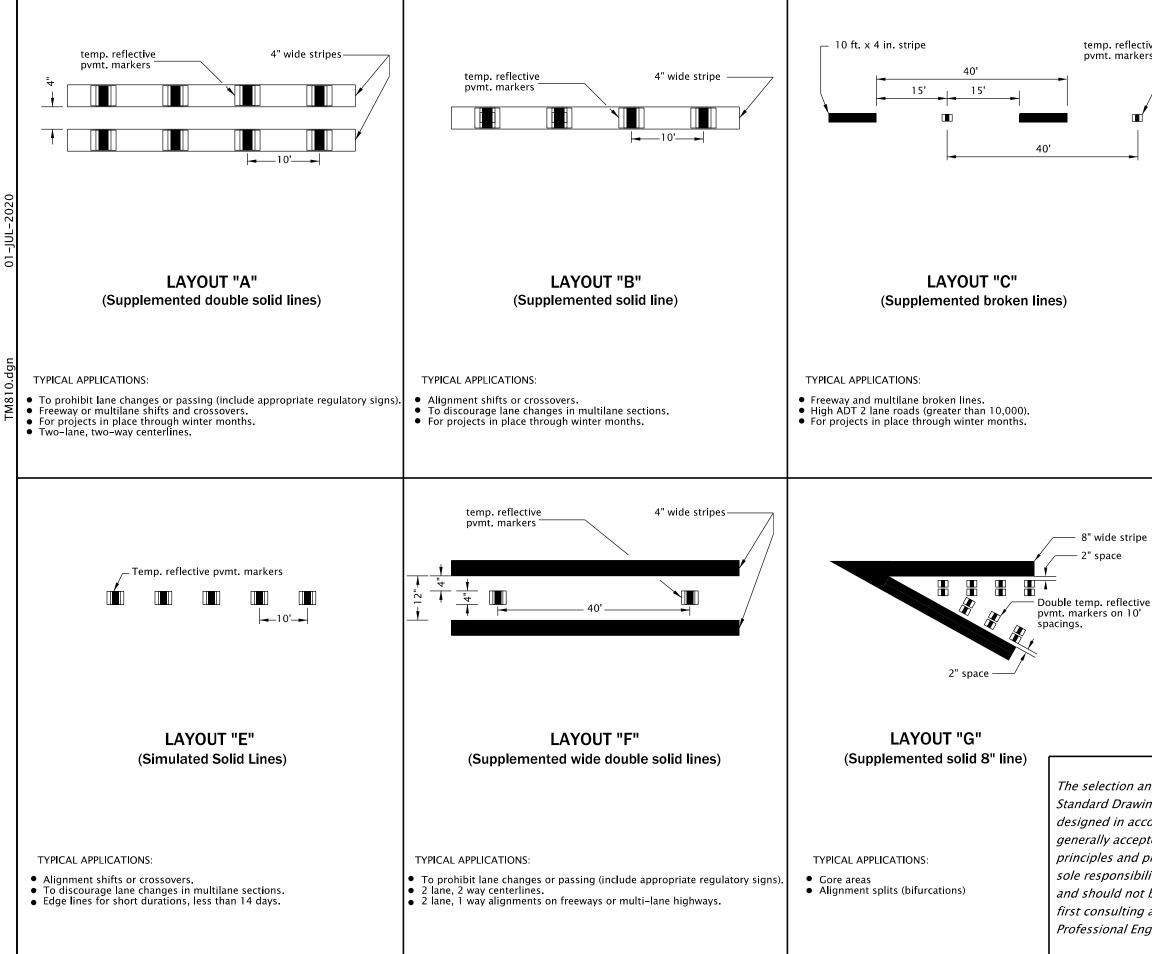
TYPICAL ABRUPT EDGE DELINEATION

1/4 mi.

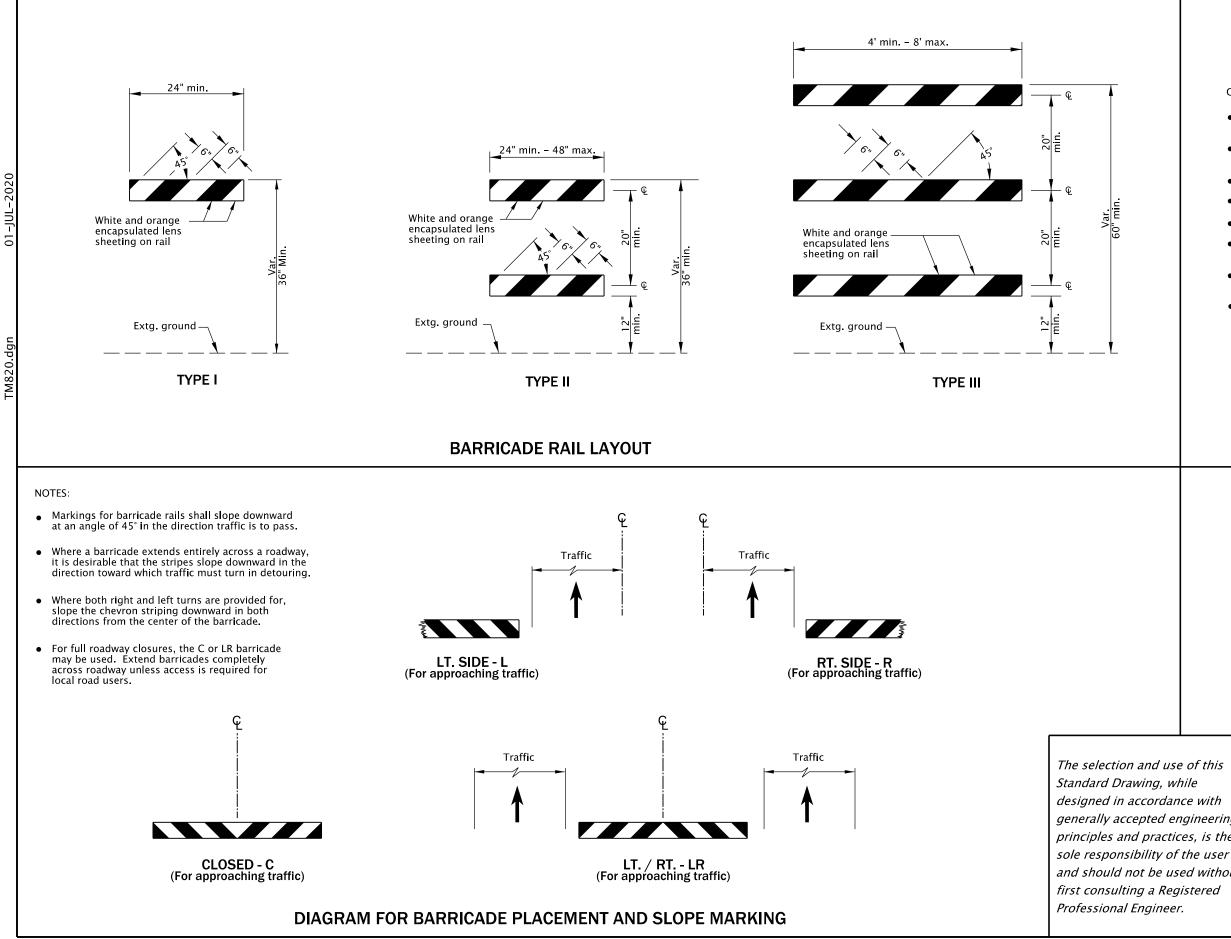
NOTES:

- ٠ Right shoulder, use Type B(III)R
- •
- Portable Traffic Signals





tive ers		Temp. reflective or flexible pvmt. markers 40'								
		(Sin	LAYOU nulated br	T "D" oken lines	5)					
	TYPICAL APP During stag HMAC inter Emulsified a pavement n	jing on finish mediate surf asphalt surfa	faces ice treatment			ermanent				
e /e	 GENERAL NOTES FOR ALL DETAILS: When using Supplemented or Simulated lines: Yellow Bi-Directional Pavement Markers are required for Two-Way Traffic. White Mono-Directional Pavement Markers are required for one-way traffic or edge lines. Supplemented lines are painted lines enhanced with Reflective Pavement Markers. Simulated lines are Reflective Pavement Markers placed in a pattern to substitute for a painted line. Pavement marking colors shall conform to the MUTCD. 									
ing, v corda oted e pract ility o t be u a Re	nce with engineering fices, is the of the user used without ogistered		the current Or OREGON S	shall be in acco egon Standard S FANDARD I PAVEME 2024 SION DESCRIPTIO	Specificatic	ons.				
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GENERAL NOTES FOR ALL DETAILS:

- Sandbags (approximately 25 lb sack filled with sand) may be placed on lower frame to provide additional ballast.
- Ballast shall not extend above bottom rail or be suspended from barricade.
- For rails less than 36" long, 4" wide stripes shall be used.
- Rails must be 8" min. to 12" max. in height.
- Use barricades from ODOT Qualified Products List (QPL).
- Use 4' Type III barricades where horizontal space is limited.
- Do not block bike lanes or shoulders unless the facility is properly closed and signed.
- Do not place barricades in sidewalks unless sidewalk is closed and a temporary pedestrian accessible route (TPAR) is signed according to the TCP. See Dwg. No. TM844.

Barricade
/ Barricade type
Indicates barricade placement on the roadway
B(III)Ř

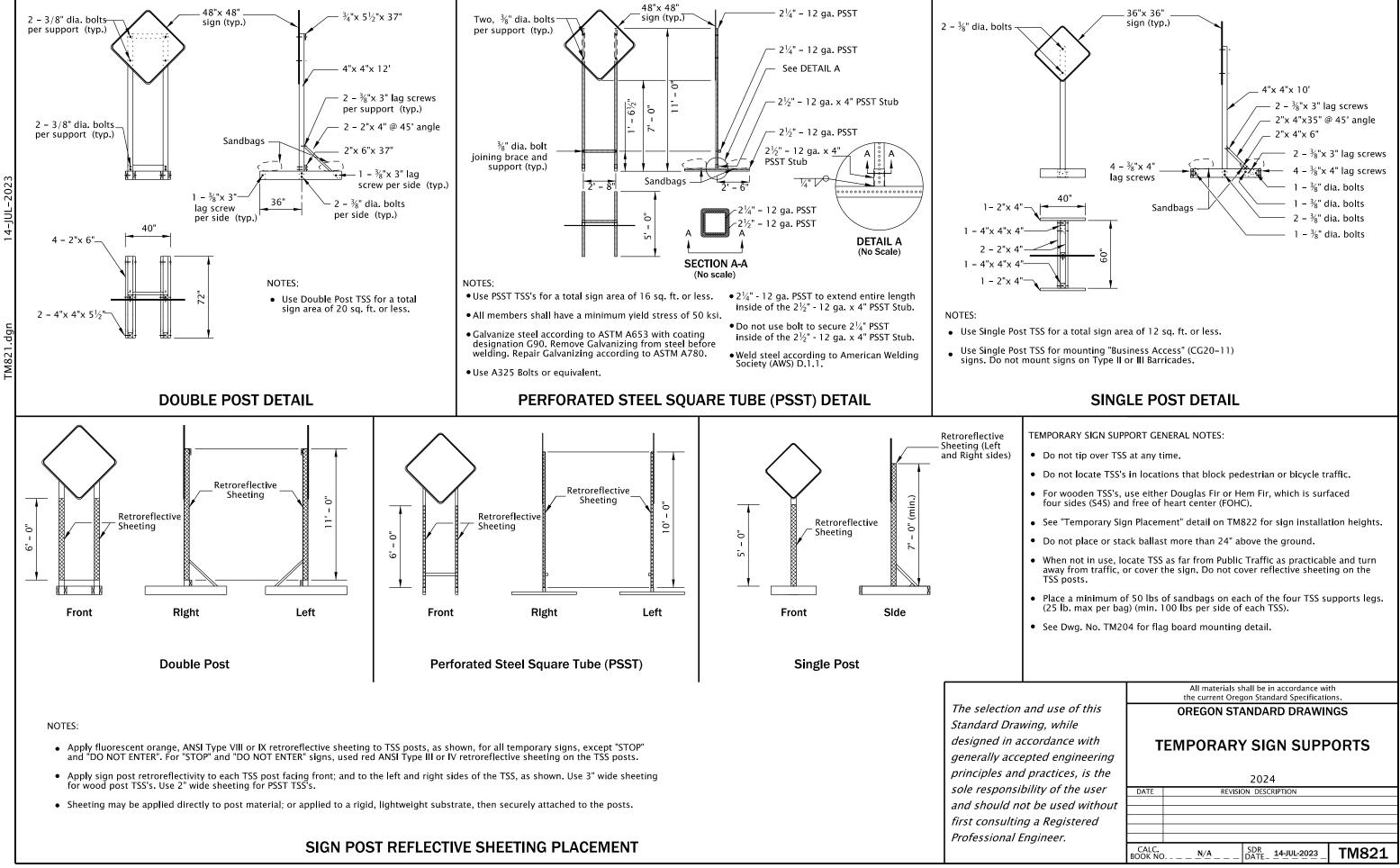
BARRICADE NOTATION

generally accepted engineering principles and practices, is the and should not be used without

All materials shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	;

TEMPORARY BARRICADES

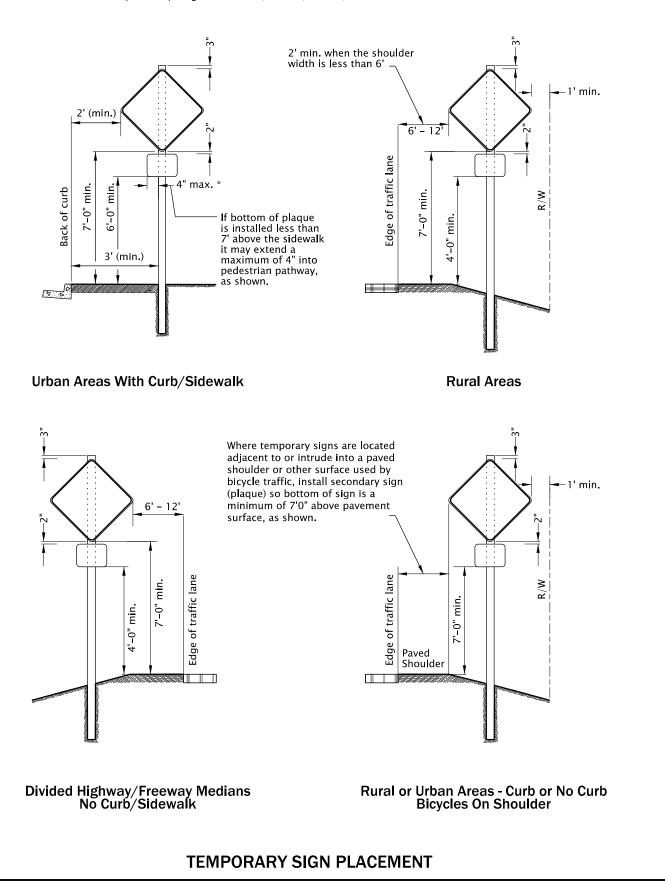
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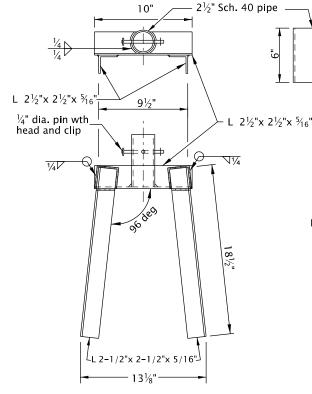


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5	CALC. BOOK NC) <u>_ N/A</u>	SDR DATE_	14-JUL-2023	TM821			

NOTES:

- Do not block bicycle lanes, sidewalks, or TPAR's with sign supports. Maintain minimum widths for these facilities according TCP Design Manual, MUTCD, ADA, or as directed.
- To be accompanied by Dwg. Nos. TM670, TM671, TM687, TM688 & TM689.





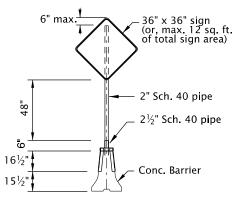
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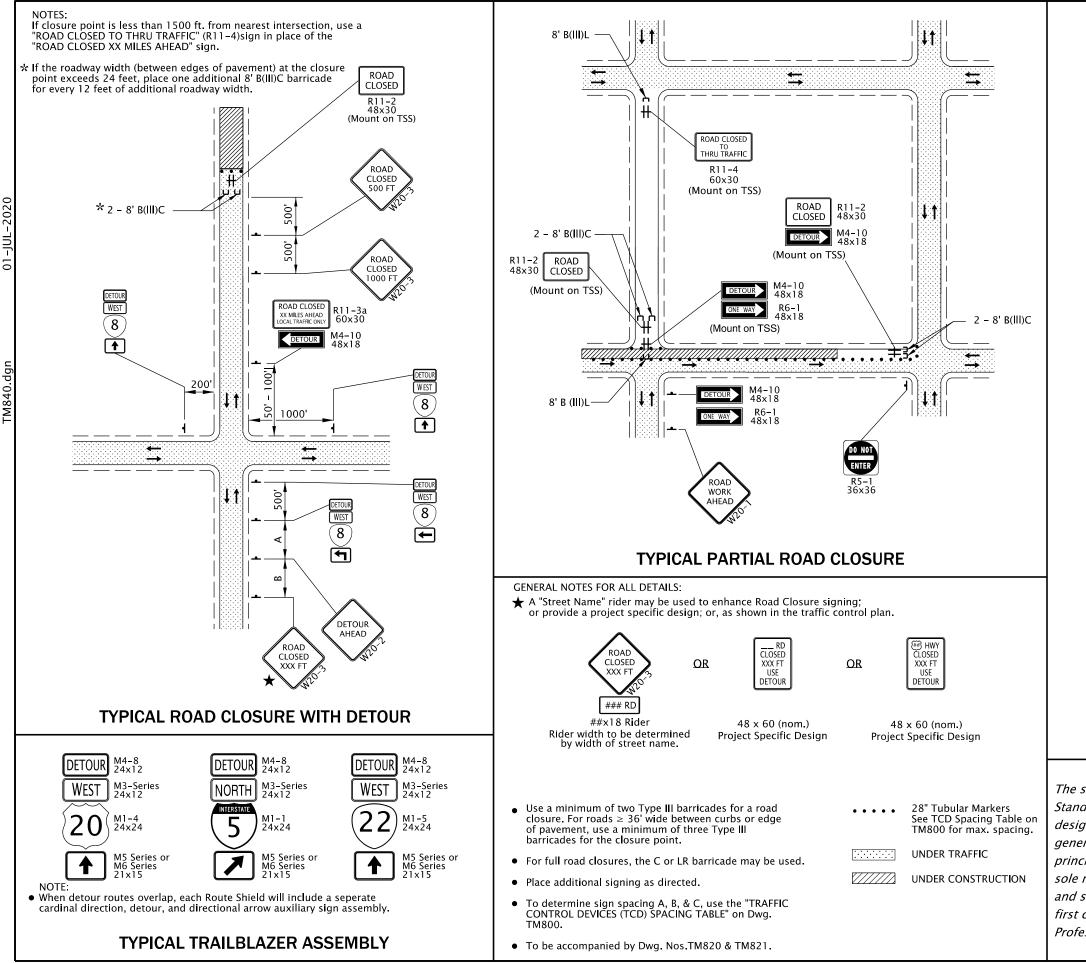


NOTES:

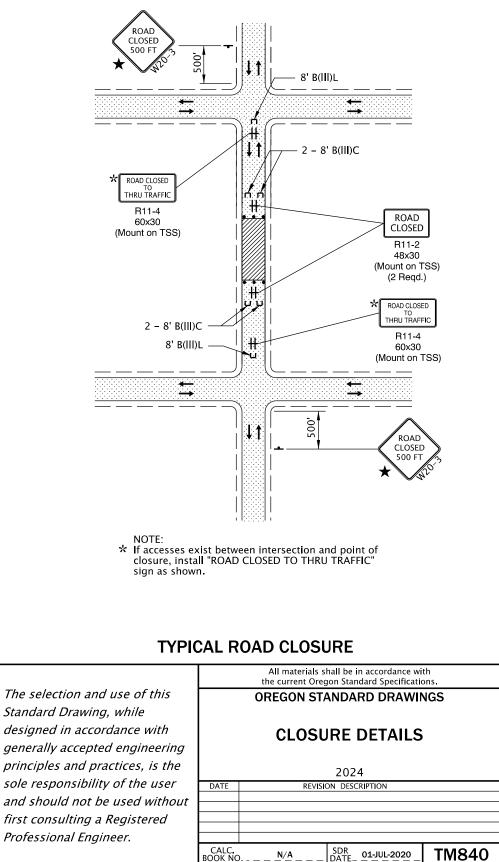
- Drill additional holes so sign can be rotated 90 degrees and pinned when not in use.
- All structural steel shall conform to ASTM A36.
- Support fits both 32" and 42" tall "F" barrier.
- Use for supporting a maximum 12 sq. ft. of total sign area.
- Place support at connection between two concrete barrier sections.
- Weld steel according to American Welding Society (AWS) D.1.1.
- Do not use clipped signs.
- Follow manufacturer recommendation when installing signs on barrier other than concrete.

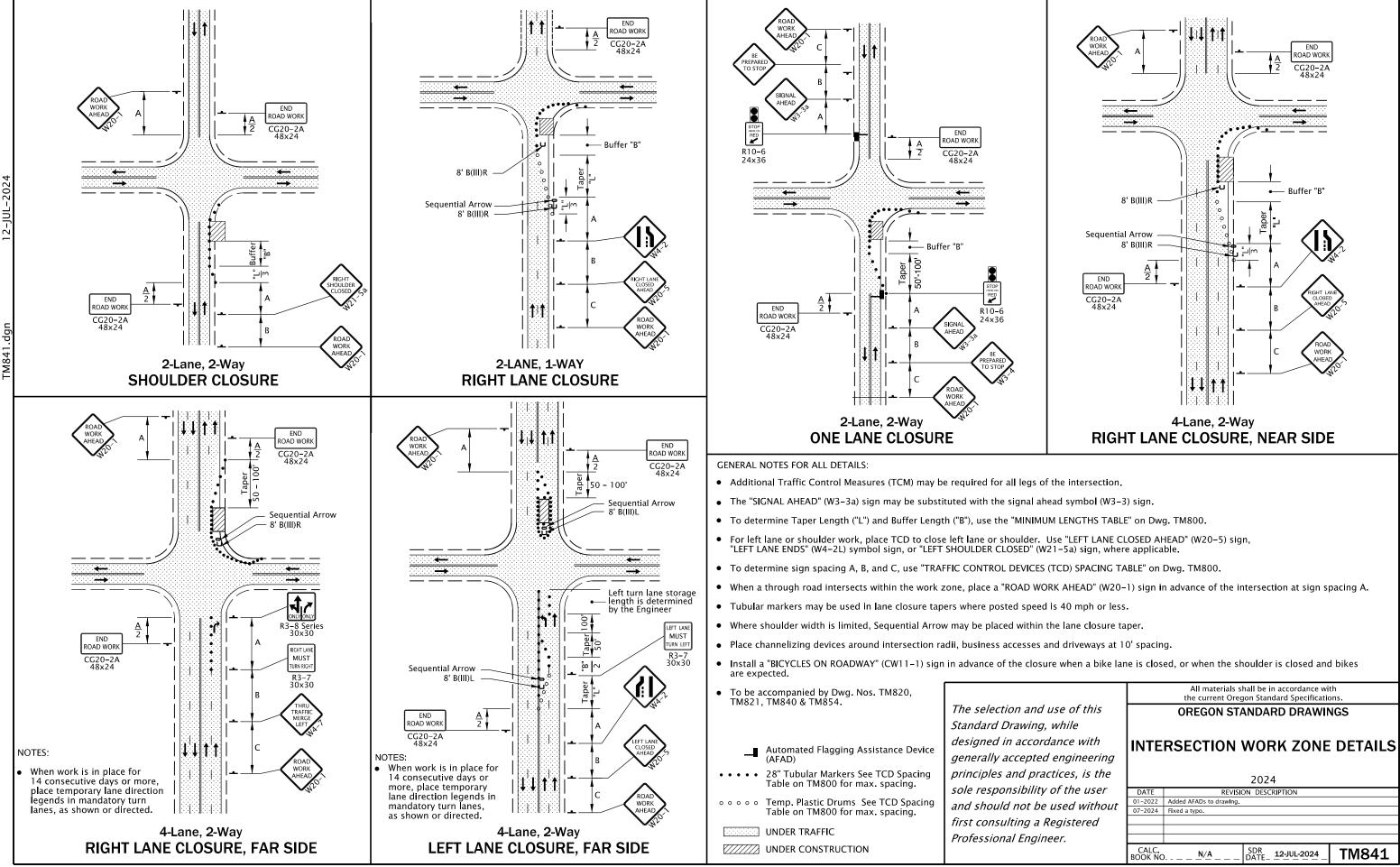
CONCRETE BARRIER SIGN SUPPORT

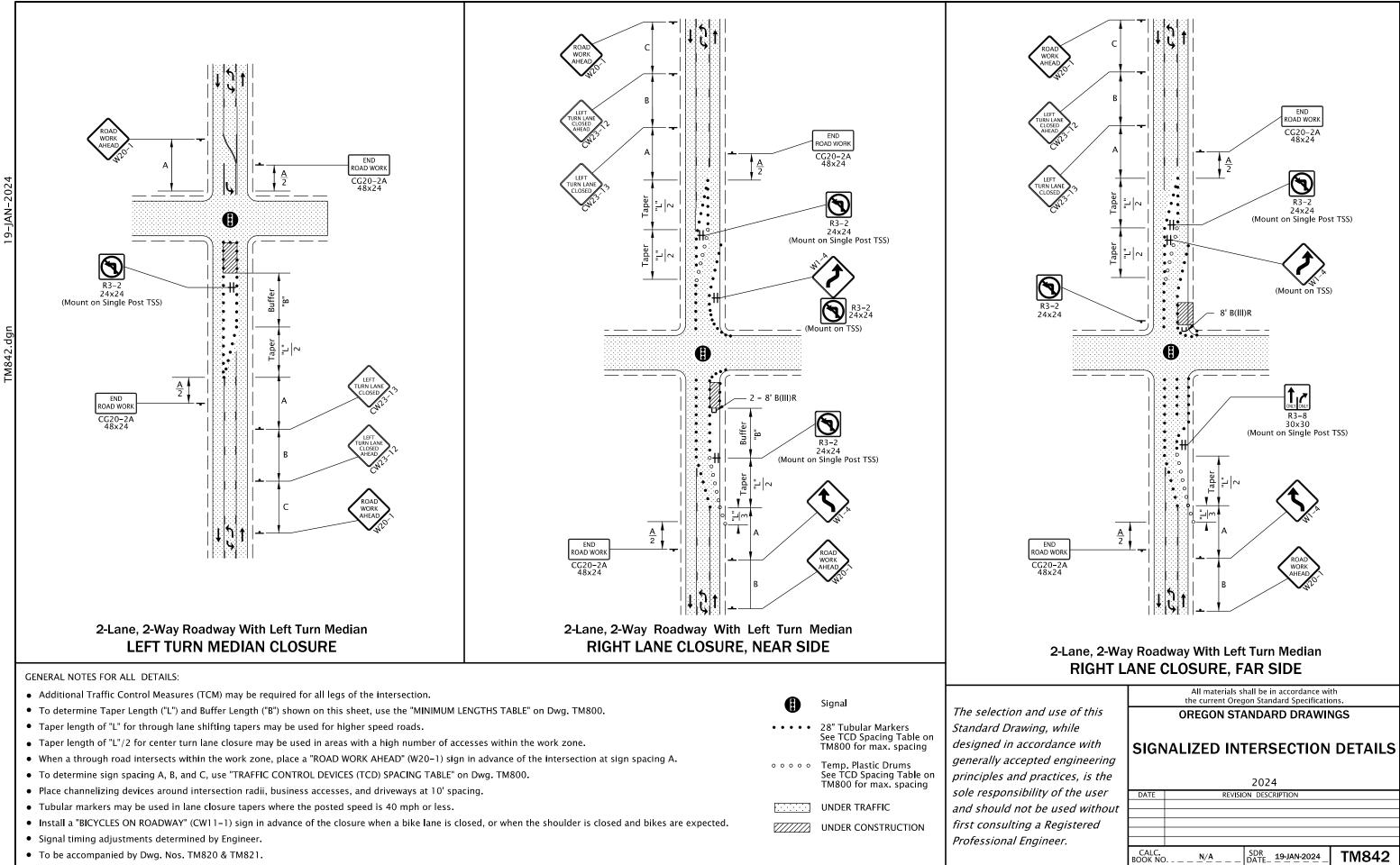
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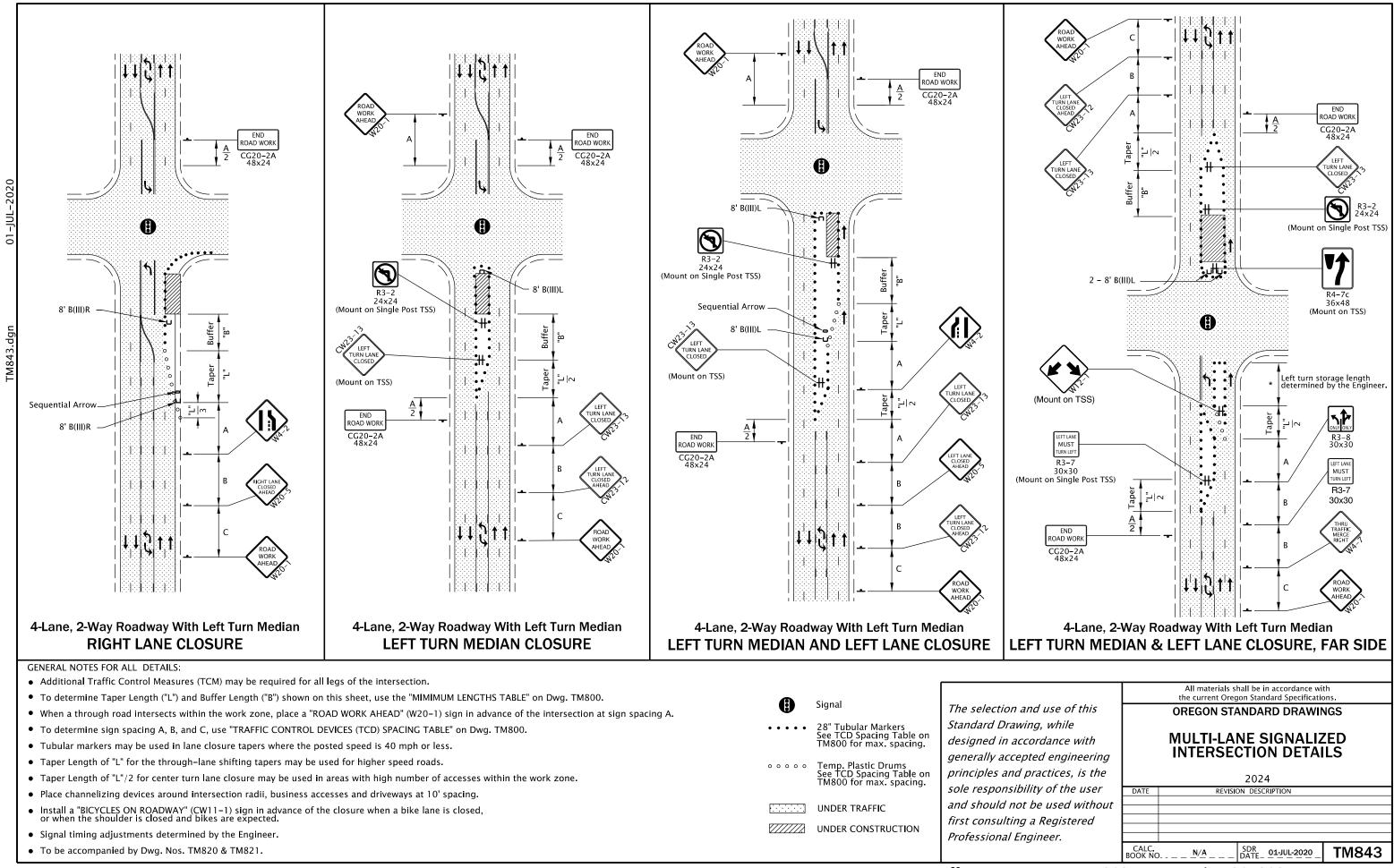
first consulting a Registered Professional Engineer.

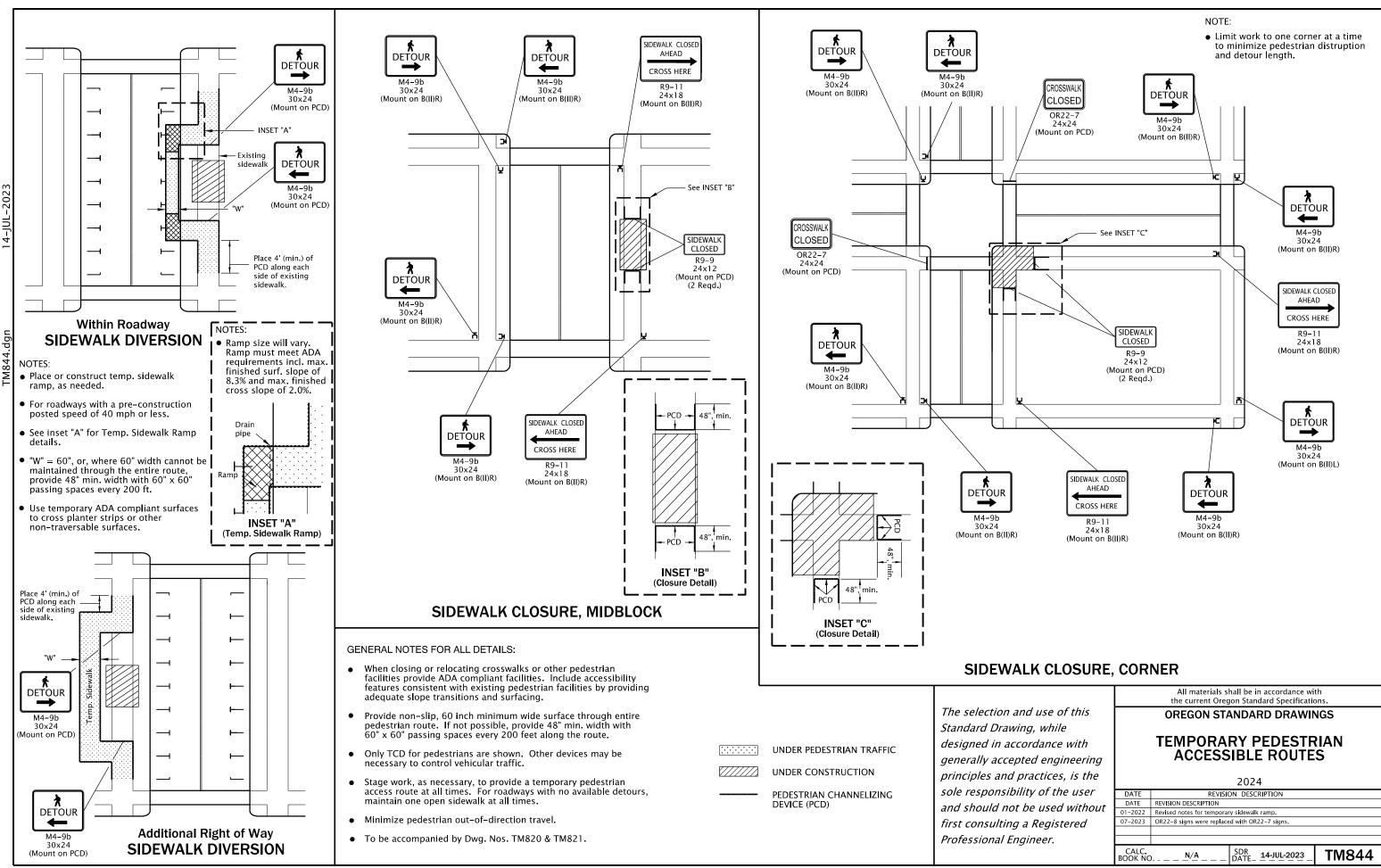


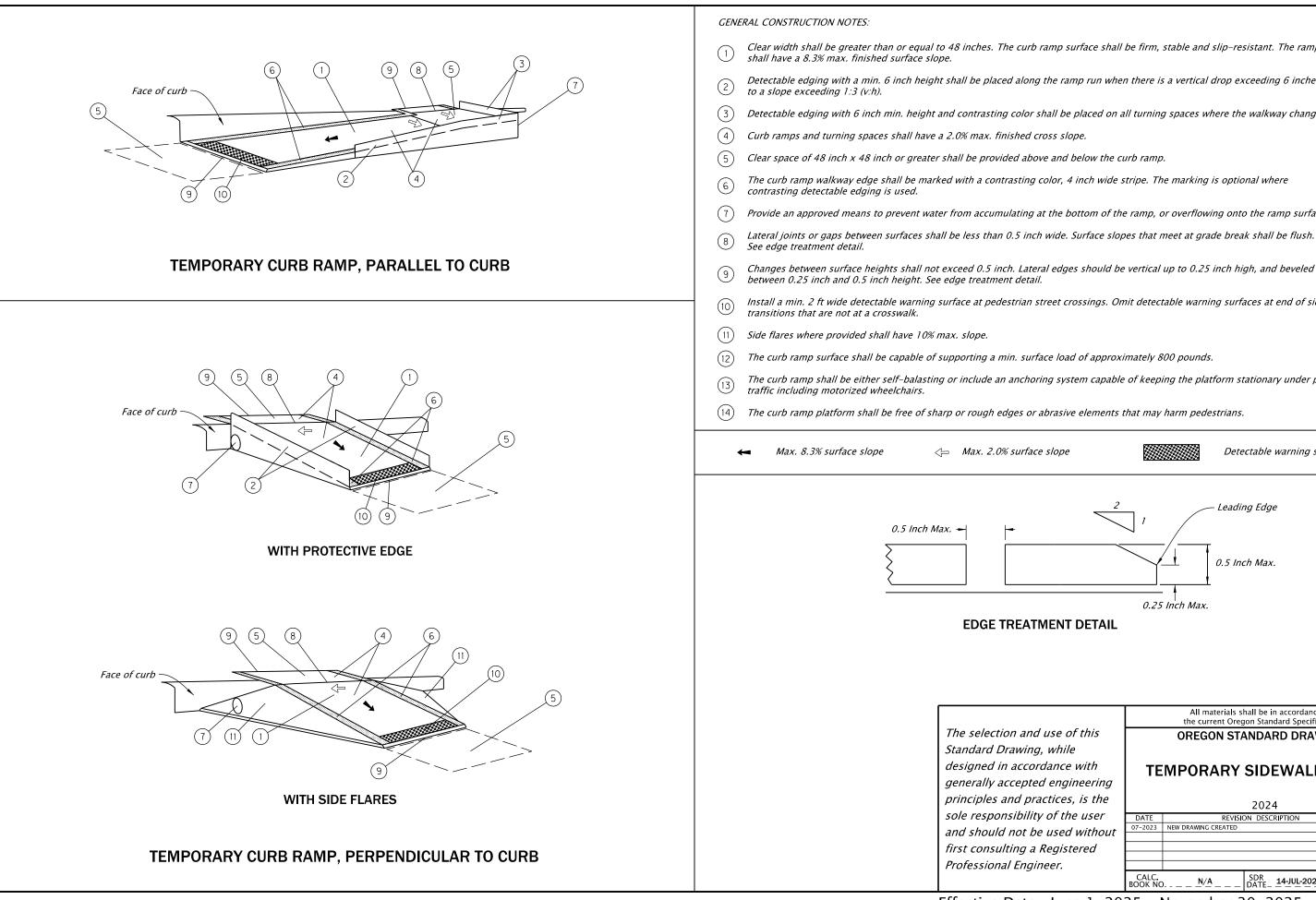




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Effective Date: June 1, 2025 – November 30, 2025

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I D	ramp	Surrace	Shan De	: 111111,	Slable	anu si	np-resistant.	The famp	Surrace

Detectable edging with a min. 6 inch height shall be placed along the ramp run when there is a vertical drop exceeding 6 inches or is adjacent

Detectable edging with 6 inch min. height and contrasting color shall be placed on all turning spaces where the walkway changes direction.

Provide an approved means to prevent water from accumulating at the bottom of the ramp, or overflowing onto the ramp surface.

Changes between surface heights shall not exceed 0.5 inch. Lateral edges should be vertical up to 0.25 inch high, and beveled at 1:2 (v:h)

Install a min. 2 ft wide detectable warning surface at pedestrian street crossings. Omit detectable warning surfaces at end of sidewalk

The curb ramp shall be either self-balasting or include an anchoring system capable of keeping the platform stationary under pedestrians

face slope			Detecta	ble wa	arning surfa	ace
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