



TOPIC <i>New Pavement Services Guidance – ADA Curb Ramp Paving Guidelines</i>	NUMBER <i>CO23-01A</i>	SUPERCEDES OR RESCINDS <i>N/A</i>
APPROVAL <i>Original signed by: Jeff Shambaugh, P.E. State Pavements Engineer</i>	EFFECTIVE DATE <i>06/26/2023</i>	VALIDATION DATE <i>N/A</i>

Topic

This technical advisory provides a notice of the new guidance that ODOT Pavement Services is using for pavement repair due to installation of curb ramps and associated pavement cuts.

Advisory Information *(in use by ODOT Pavement Services)*

Guidance

For saw cuts in the shoulder:

1. If saw cut will be ≥ 2 feet (1 foot for low volume roadways¹ or on fog line² for very low volume roadways³) from a fog line then use the following sections:

- 5 inches ACP over 12 inches Aggregate Base - Local Roads
- 6 inches ACP over 12 inches Aggregate Base - Minor & Major Collectors / Arterials
- 8 inches ACP over 12 inches Aggregate Base - Principal Arterials

2. If saw cut line is between 0 and 2 feet (0 and 1 foot – low volume) of a fog line, then move saw cut to fog line and use:

- 8 inches ACP over 12 inches Aggregate Base – Minor & Major Collectors / Arterials
- 10 inches ACP over 12 inches Aggregate Base – Principal Arterials

Any changes/updates in Technical Services Directives or Bulletins (Manuals, Standard Specifications and Drawings) take precedence over information in Advisories.

For saw cuts in the travel lane:

3. If saw cut goes into a travel lane, use a 30-year design, and move the saw cut to mid lane for urban, grade constrained areas.

4. All paving joints in a travel lane should be at mid lane or on a lane line. If saw cut is in the travel lane and cannot be placed at mid lane or on the lane line, use a 30-year design and a 4-inch inlay, or top two lifts, across the construction joint. The 4-inch inlay, or top two lifts, will need to go either to mid lane or full travel lane depending on where the joint is located.

(For all 30-year designs, a Pavement Design Report will be required. Contact Pavement Services for 30-year design information.)

General:

5. New construction joints located in a shoulder must have a minimum 2-inch inlay across the joint if within 4 feet of the fog line (Follow bicycle policy for joint placement).

6. Sand seal all surface saw cut joints to mitigate water infiltration.

7. Contact Pavement Services if a situation outside of these guidelines arises.

¹ To determine low volume routes, Use TransGIS Low Volume Road (LVR) classification.

² If no fog line exists, assume the outside edge of a 12-foot lane as the fog line.

³ Very low volume roadways are considered less than 1000 AADT for this guidance. Use TransGIS or OTMS to determine AADT for a given route.

http://highway.odot.state.or.us/cf/highwayreports/traffic_parms.cfm

Target Audience

Region Roadway Design Personnel

Contact Information

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