

# INTERIM EDDS ADMINISTRATIVE INTERPRETATION

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## SUBJECT: PAVEMENT RESTORATION REQUIREMENTS FOR UNDERGROUND UTILITY INSTALLATION

**PURPOSE:** This interpretation allows restoration of pavement cuts to be reduced to half-width or lane-width overlays under circumstances described below.

### APPLICABLE EDDS SECTIONS:

- a. EDDS 8-05.B, "Underground Utility Installation" – "Installation"
- b. EDDS 8-05.C, "Underground Utility Installation" – "Restoration Requirements"
- c. Standard Drawing 8-010, "Typical Utility Locations – Shoulder Section"
- d. Standard Drawing 8-020, "Typical Utility Locations – Curb Section"
- e. Standard Drawing 8-030, "Utility Trench Restoration and Backfill"

### BACKGROUND:

1. EDDS 8-05.B(3).ii requires that the pavement cuts for a trench extend at least 12 inches beyond the trench cut to allow adequate compaction.
2. EDDS 8-05.C(1) specifies the restoration requirements of Trenches and Multiple Window Cuts, including a full-width pavement overlay to extend 10 feet longitudinally beyond the outer most edge of the trench cut.
3. EDDS Standard Drawing 8-030 provides the profile view of a typical utility trench with notes describing restoration requirements. The required full-depth pavement cut is described in Note 3 and shown on the drawing.

### ASSUMPTIONS:

1. The existing road surface is asphalt or chip seal pavement. If the surface is concrete or permeable pavement, this interpretation does not apply, and road restoration shall be as required by Public Works.
2. Trench boundaries are defined by the outer edges of the pavement cuts. Refer to Standard Drawing 8-030.
3. The limits of a half-width overlay are from the curb or outside edge of pavement to the crown of the road. Since the crown of the road pavement is not typically shown on project plans, the pavement centerline will be used to approximate the road crown and the limit of the half-width pavement restoration.
4. The limits of a single-lane overlay are from the curb or outside edge of pavement to the lane stripe; or for an interior lane, between the lane stripes on either side.
5. The length of the overlay shall be at least 10 feet beyond each end of the full-depth pavement cut surrounding a longitudinal trench or 10 feet beyond the outside edges of the pavement cut surrounding a lateral trench. Where multiple trenches and/or window cuts are 200 feet or less apart, the overlay shall be at least 10 feet beyond the outside edges of the outermost pavement cuts.

## INTERPRETATION INSTRUCTIONS:

The following interpretation applies to the asphalt pavement overlay requirements of EDDS 8-05 until the appropriate changes to EDDS are adopted:

1. **Half-Width Overlays.** The full-width asphalt pavement overlay restoration standards described in EDDS 8-05.C(1) may be reduced to a half-width asphalt pavement overlay on unstriped roads, or two or three-lane roads, without approval of an EDDS deviation, in each of the following circumstances, provided that no part of the pavement cut is within 3 feet of the pavement crown of the road:
  - A longitudinal trench entirely on one side of the road crown;
  - Multiple lateral trenches or window cuts by the same utility, 200 feet or less apart, entirely on one side of the road crown; or
  - A combination of longitudinal trenches, lateral trenches, and/or window cuts by the same utility entirely on one side of the road crown.
  - If the pavement cut for a longitudinal trench crosses the road crown at one location, a full-width overlay is required from 20 feet in front of, to 20 feet past, the crossing point. The remainder of the pavement cut on each side of the crossing point may be restored as a half-width overlay, provided the cut does not re-cross the road crown or is cut closer than 3 feet to the crown of the road. If the pavement cut crosses the road crown more than once, then a full-width overlay is required for the entire length of the pavement cut.
2. **Lane-Width Overlays.** The full-width asphalt pavement overlay restoration standards described in EDDS 8-05.C(1) may be reduced to lane-width asphalt pavement overlays on roads with four or more lanes without approval of an EDDS deviation, in each of the following circumstances, provided that no part of the pavement cut is within 3 feet of the pavement crown of the road:
  - A longitudinal trench entirely within a single lane;
  - Multiple lateral trenches or window cuts by the same utility, 200 feet or less apart, entirely within a single lane; or
  - A combination of longitudinal trenches, lateral trenches, and/or window cuts by the same utility entirely within a single lane.
  - If the pavement cut for a longitudinal trench crosses from one striped lane to another, then a 2-lane overlay is required from 20 feet in front of, to 20 feet past, the crossing point. The remainder of the pavement cut on each side of the crossing point may be restored as a single-lane overlay, provided the cut does not re-cross the lane stripes or is closer than 3 feet to the crown of the road. If the pavement cut crosses lane lines more than once, then an overlay is required for the entire length of all lanes that have been cut.
3. Site inspections will be made prior to issuing the utility permit after the utility work is done but prior to final paving. If it is determined that the utility work met the requirements of either the half-width or lane-width overlay criteria above and the existing pavement outside the full-depth pavement cut has not been damaged during the utility work, then a full-width overlay will not be required.
4. Overlays shall be two inches of class 1/2-inch hot mix asphalt (HMA), unless approved otherwise by Public Works. All other trench restoration requirements in EDDS 8-05 remain as stated.

This interpretation will not compromise public health, safety or welfare.

  
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County Engineer      Date