

- 6) Final patches shall conform to the requirements of this chapter and shall be completed as soon as possible but no later than 30 days after first opening the trench. Any delay in placement of the final patch shall be approved by the Engineer.
- 7) Window cuts are subject to the patching but not the overlay requirements of this chapter.
- 8) Concrete pavement shall be restored in accordance with Section 5-05 of the WSDOT/APWA Standard Specifications. If concrete panels in an existing road are cut by a trench, the Engineer may require removal of the panels to ensure road stability.
- 9) Gravel shoulders disturbed by excavation shall be replaced full width with 6 inches of crushed surfacing top course (CSTC) meeting the specifications of Section 9-03.9(3) of the WSDOT/APWA Standard Specifications.
- 10) Any cut made in permeable pavement shall be restored with the same permeable pavement. This is to ensure that project design assumptions for infiltration through permeable pavement are not invalidated by pavement changes after installation. Restoration shall be performed by contractors qualified either by previous experience (at least three permeable pavement projects within the past five years) or certification by an appropriate trade organization, such as the National Ready-Mix Concrete Association. Porous concrete shall be restored in accordance with ACI 522.1-08 ("Specification for Pervious Concrete Pavement," published by the American Concrete Institute); other permeable pavements in accordance with manufacturer's specifications.

#### **D. New Roads**

Backfill compaction for new road construction should be accomplished by mechanical compaction per WSDOT/APWA Specifications. Compaction up to the top 2 feet of a trench by water settling may be done provided the entire water-settled portion of the trench reaches 95% maximum density and the top 2 feet of the trench consists of Controlled Density Fill as specified in Section 8-07 of this chapter.

#### **E. Testing**

Consistent with the above requirements and prior to placing any surface materials on the roadway, it shall be the responsibility of the utility/developer/contractor to provide density test reports certified by a professional engineer licensed in the State of Washington.

A minimum of 1 density test shall be taken within every 200 feet of trench length and at depths of 50 percent of trench depth and at the surface, or as specified by the Engineer. Compaction of laterals or service line trenches shall be tested where required by the Engineer. Certified copies of all test results shall be provided to the County.