

Section 02980**PAVEMENT REPAIR****1.0 GENERAL****1.01 SECTION INCLUDES**

- A Repairing streets, highways, driveways, sidewalks, and other pavements that have been cut, broken, or otherwise damaged during construction.
- B Repairing areas of failed paving in preparation for resurfacing.
- C References to Technical Specifications:
 - 1. Section 01200 – Measurement and Payment Procedures
 - 2. Section 01350 – Submittals
 - 3. Section 01500 – Temporary Facilities and Controls
 - 4. Section 02335 – Subgrade
 - 5. Section 02710 – Base Course for Pavement
 - 6. Section 02330 – Embankment
 - 7. Section 01140 – Contractor’s Use of Premises

1.02 MEASUREMENT AND PAYMENT

- A Unless indicated as a Bid Item, no separate payment will be made for pavement repair under this section. Include cost in Bid Items for which this Work is a component.
- B If pavement repair is included as a Bid Item, measurement is on a square yard basis. as follows:
 - 1. Trench width plus 48 inches for utilities.
 - 2. Trench width plus 10 feet for structures.
 - 3. As marked in field for failed paving.
- C If provisions of this Section, 3.01D, require the limits of pavement repairs to be increased, then the payment limits shall be increased to the same extent.
- D No payment will be made for work outside payment limits, in areas that are not specifically called out as pay items and are incidental to the work or in areas removed for Contractor's convenience.
- E Refer to Section 01200 - Measurement and Payment Procedures.

1.03 SUBMITTALS

- A Make submittals required by this section under the provisions of Section 01350 – Submittals.

1.04 PROTECTION OF PEOPLE AND PROPERTY

- A Contractor shall conduct all construction operations under this Contract in conformance with the practices described in Section 01500 – Temporary Facilities and Controls.

2.0 PRODUCTS**2.01 MATERIALS**

- A Provide materials of the same character as existing materials encountered in a cross section of the area to be repaired, or as approved by the Engineer.
- B Subgrade: Provide on site soil stabilized with lime, lime fly ash, etc., as required by the testing laboratory under the provisions of Section 02335 – Subgrade.
- C Base: Provide new base material as required by applicable portions of Section 02710 – Base Course for Pavement.
- D Pavement: Provide new paving materials as required by Technical Specifications of applicable surface course treatments.

3.0 EXECUTION**3.01 EXAMINATION**

- A Verify backfill is complete before repairing pavement over installed utilities or structures.
- B Verify remaining subgrade is ready to support imposed loads before repairing areas of failed paving.

3.02 PREPARATION

- A For installation of utilities and utility appurtenances, saw cut and remove pavement (including base material for asphalt paving) 24 inches beyond the width of excavation, unless otherwise indicated on Plans.
- B For installation of structures, saw cut and remove pavement (including base material for asphalt paving) 5 feet beyond the width of excavation, unless otherwise indicated on Plans.
- C For repair of areas of failed paving, saw cut and remove pavement (including base material for asphalt paving) where indicated in the field or as directed by Engineer. Remove subgrade that is soft and yielding, or to depth as directed by Engineer.
- D If removed pavement is greater than one-half of pavement lane width, or within 18 inches of a longitudinal joint, on concrete pavement, replace pavement for full lane width or to nearest longitudinal joint as approved by the Engineer.

- E Protect edges of existing pavement to remain from damage during removals, utility placement, backfill, and paving operations. For concrete pavement, leave and protect minimum of 18 inches of undisturbed subgrade on each side of trench to support replacement slab.

3.03 EXAMINATION :

- A Verify backfill is complete before repairing pavement over installed utilities or structures.
- B Verify remaining subgrade is ready to support imposed loads before repairing areas of failed paving.

3.04 INSTALLATION

- A Replace subgrade with material specified in this Section, 2.01B. Place and compact under the provisions of Section 02330 – Embankment for areas under future paving to match lines and grade of surrounding subgrade.
- B Replace base course with material specified in this Section, 2.01C. Place and compact under the provisions of Section 02710 – Base Course for Pavement to match lines and grade of surrounding base course.
- C Replace pavement with material specified in this Section, 2.01D, and according to the Technical Specifications of the particular surface course treatment so that a smooth, hard, well cemented surface, conforming to the lines and grade of the surround pavement is secured
- D For concrete pavement, install size and length of reinforcing steel and pavement thickness indicated on Plans. Place types and spacing of joints to match existing or as indicated on Plans.
- E Where existing pavement consists of concrete pavement with asphaltic surfacing, resurface with minimum 2-inch depth asphaltic pavement.
- F Repair state highway crossings in accordance with highway department permit and within 1 week after utility work is installed.

3.05 CLEAN-UP AND RESTORATION

- A Perform clean-up and restoration in and around construction zone in accordance with Section 01140 – Contractor's Use of Premises.

3.06 PROTECTION OF THE WORK

- A Protect and maintain all pavement in good condition until completion of Work.
- B Replace pavement damaged by Contractor's operations at no cost to Owner.

END OF SECTION