

SECTION 02513

REPAIR OF ASPHALTIC CONCRETE PAVING

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Prepare sub-grade to receive base course.
- B. Place stabilizing base courses, work and compact.
- C. Prime base course, place asphalt pavement.

1.02 RELATED WORK

- A. Section 02220 - Backfilling
- B. Section 02221 - Trenching
- C. Section 02511 - Crushed Stone Paving

1.03 REFERENCE STANDARDS

- A. Ohio Department of Transportation specifications, latest edition.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Products to conform to Ohio Department of Transportation standard specifications, latest edition.
- B. Granular Sub-base: Crushed rock screenings; free from shale, clay, organic matter and debris, graded as shown in detail on plan sheets. See Section 02511, 3.01.B of these specifications.
- C. Primer: Homogeneous medium curing liquid asphalt; of type recommended for asphaltic paving; of grade to suit job conditions.

2.02 ASPHALT PAVEMENT MATERIALS

- A. Surface and binder course shall be supplied by local asphalt producer whose design mix has been accepted as per Ohio Department of Transportation specifications, Section 401.

PART 3 EXECUTION

3.01 PREPARATION

- A. All trench cuts made in the existing pavement for the purpose of installing water mains shall be filled within 10 inches of the existing surface with Type A Select Fill Material (Section 02220) unless the pavement is county or state highway and it shall in that case be filled

within 10 inches of the existing surface with low strength mortar backfill (Section 02220). The remaining depth shall be filled with aggregate meeting requirements of Item 304 of the Ohio Department of Transportation specifications, and future settlement maintained until that section of main and appurtenances are installed, tested, and approved by A/E. The cuts in the pavement shall be neat and straight. The pavement shall be cut to insure a clean break in pavement.

- B. Excavated material may be used for backfill if it is approved as suitable granular material by the A/E. All unsuitable material shall be hauled from the site and disposed of at the Contractor cost.
- C. The Contractor shall be required to maintain the excavated areas to existing grade on a daily basis until the excavated area is resurfaced.
- D. The Contractor shall prevent dust nuisance from all temporary surfaces by applying calcium chloride, or bituminous material, or other suitable dust preventative as may be required.
- E. Street and road and driveway repair shall be as follows:
 - 1. All repair shall be done in accordance with ODOT Specification, Section 400, as it applies to the following specifications.
 - 2. As soon as possible after the installation of the facilities, the trench shall be cleaned out a minimum of 3" below the existing pavement. A minimum of 7" of aggregate shall be remaining.
 - 3. Aggregate shall be compacted and primed with bituminous material as per ODOT specification, Item 408 and 702, at a rate of 0.4 gallon per square yard.
 - 4. The edge of the existing pavement shall have a tack coat of bituminous material as per ODOT Specification, Item 407 and 702, applied.
 - 5. A minimum of 3" of ODOT 404 hot asphaltic concrete shall be installed and compacted.
 - 6. Where the berm of the street or road is damaged, a minimum of 7" deep by 12" wide from the edge of pavement shall be filled with compacted aggregate. Cost shall be included in the unit cost of the main.
- F. All repair work shall be done to the satisfaction of the governmental office having jurisdiction.
- G. Should the Contractor fail or refuse to maintain any streets or roads in a satisfactory manner as herein specified within twenty four hours after having been notified to do so, the Owner may directly, or by contract, proceed to make the necessary repairs and retain the cost of repair out of funds due on contract.
- H. The Contractor shall be paid for repair of driveway pavement per linear foot of water main and for highway pavement repair per square yard of highway surface, as allowed in the Bid Schedule.
- I. The Contractor shall be paid for unavoidable damage to pavement under "Repair of incidental damage to pavement", per square yard, as allowed for in the Bid Schedule.

END OF SECTION