

Section 02741

Pavement

PART 1 - GENERAL

1.01 SCOPE

- A. This section includes furnishing and placing bituminous pavement as specified and as directed by the Engineer.

1.02 STANDARDS

- A. "Standard Specifications Highways and Bridges", current revision, Maine Department of Transportation (MDOT)
- B. Pavement supplier and plant must comply with MDOT "Standard Specifications", Section 401.07.
- C. Contractor shall comply with all rules and regulations associated with all local street opening ordinances.

1.03 SUBMITTALS

- A. Submit certificates signed by material producer and Contractor stating that each material complies with specified requirements.
- B. Provide design for each grade of pavement to be used at least 20 days prior to start of paving.
- C. If required by Engineer, provide certified weigh slips for each truckload of bituminous material.

1.04 JOB CONDITIONS

- A. Weather and Seasonal Limitations - Refer to MDOT Standard Specification Section 401.06. Paving will not be allowed between November 15 and April 15.
- B. Apply bituminous prime and tack coats only when the ambient temperature in the shade is at least 50 degrees F for 12 hours immediately prior to application.
- C. Do not apply tack coat when the base surface is wet or contains an excess of moisture which would prevent uniform distribution and the required penetration.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Aggregate Sub-base Course Gravel - Hard, durable particles meeting MDOT "Standard Specification" Section 703.07 Type D aggregate with the exception that all material must pass a 3" square mesh sieve.

- B. Aggregate Base Screened or Crushed Gravel- Hard, durable particles meeting MDOT “Standard Specification” Section 703.07 Type A aggregate with the exception that all material must pass a 2” square mesh sieve.
- C. Bituminous Pavements - Comply with material requirements, MDOT “Standard Specification” Section 403 and Section 703 for base course, Grading “B”.
- D. Bituminous Tack Coat - Comply with MDOT “Standard Specification” Section 702.04, Grade HFMS-1.

PART 3 - EXECUTION

3.01 BITUMINOUS PAVEMENTS

- A. General: MDOT Standard Specifications
- B. Aggregate Sub-base and Base Courses: Section 304
- C. Hot Bituminous Pavement: Section 403

3.02 BITUMINOUS TACK COAT

- A. General - Apply tack coat immediately prior to placing pavement to curbing, gutters, manholes, pavement, etc. for adequate bond.
- B. Rate of Application - 0.05 to 0.15 gallons per square yard

3.03 TRENCH PATCHING

- A. Place gravel sub-base and base to match the depth of existing gravel sub-base and base.
- B. Depth of base paving must be approved by the District in order to comply with the city’s street opening regulation.

-- END OF SECTION --