

DIVISION 6

HOT MIX ASPHALT PAVEMENT

6-1 GENERAL

- A. Work shall consist of, but not be limited to, furnishing, placing, grading, shaping, compacting, maintenance of material, and hot mix asphalt pavement in accordance to the Contract Drawings and/or as specified herein.

- B. Testing and Soils Testing Agency
 - 1) Contractor will engage a professional firm acceptable to the Owner or Owner's Representative for quality control testing and inspection during paving operations. Cost of testing and inspection shall be borne by the Contractor.

- C. Related work not included in this Section consists of the following:
 - 1) Earthwork provided under *Division 3-Earthwork*.

- D. Related Documents: The general provisions of the Contract, The Anne Arundel County Standard Specifications for Construction (latest edition) and all applicable supplements and addenda pertaining thereto apply to this Section.

6-2 PRODUCTS

- A. Aggregate subbase, if required, shall be Crusher Run Aggregate (CR-6) material.

- B. The hot mix asphalt pavement overlay, as shown on the Contract Drawings, shall consist of hot mix asphalt surface course ("SC" Band) over the existing gravel or paved road to the design thicknesses shown on the Contract Drawings.

- C. The Contractor shall submit in writing at least three weeks in advance of the paving operation the following information to the Owner or Owner's Representative.
 - 1) Source of asphalt and anti-stripping agent.
 - 2) Complete gradation.
 - 3) Plant from which material will be ordered.

6-3 EXECUTION

- A. Before compaction, moisten or aerate each layer as necessary to provide optimum moisture content. Compact each layer to required percentage of maximum dry density or relative density for each area classification. Do not place backfill or fill material on surfaces that are muddy, frozen or contain frost or ice.

- B. Take care to prevent wedging action of backfill against paving or displacement of piping or conduit by carrying material uniformly around paving, piping or conduit to approximately same elevation in each lift.

- C. When the work is interrupted by heavy rains, operations shall not be resumed until the Contractor's Testing Agency indicates that the moisture content and density of the previously placed fill are as specified.

- D. Uniformly grade areas within limits of grading under this Section, including adjacent transition areas. Smooth finish surface within specified tolerances, compact with uniform levels or slopes between points where elevations are indicated or between such points and existing grades.
- E. Grade smooth and even, free of voids, compacted as specified and to required elevation. Provide final grades within a tolerance of 1/2" when tested with a 10' straight edge.
- F. Contractor's Testing Agency must approve subgrades before further construction work is performed. Sampling and testing for density shall be in accordance with Section 02610 of the Anne Arundel County Standard Specifications for Construction, (latest edition).
- G. The Contractor's Testing Agency shall recommend additional testing if in their opinion, the above recommendations are not sufficient.
- H. If in the opinion of the Owner or Owner's Representative, based on testing service reports and inspection, hot mix asphalt pavement which has been placed are below specified density specifications, provide additional compaction and testing at no additional expense.
- I. Cost of inspection and testing shall be borne by the Contractor.
- J. The Contractor's Testing Agency shall provide its professional opinion that the hot mix asphalt pavement has been placed in accordance with the specification.
- K. Hot mix asphalt material shall be applied only to dry surfaces.
- L. The Contractor shall take all steps necessary to prevent damage to completed pavements during construction until final acceptance of the project by the Owner or Owner's Representative. Construction equipment and materials shall not travel over or be stored on pavements accepted by the Owner or Owner's Representative. Any damage to the pavements or the base materials by construction activities shall be repaired as directed at no additional cost to the Owner or Owner's Representative.
- M. Use of recycled asphalt shall not be permitted.
- N. Any cost increase in the price of asphalt cement shall be absorbed by the Contractor and no additional compensation will be considered.

6-4 MEASUREMENT

No measurement for payment of these items of work will be made since their cost shall be included in the lump sum price bid.

END OF SECTION