

SECTION 02513

ASPHALT PAVING

PART 1 - GENERAL

- 1.1 SECTION INCLUDES
 - A. Extent of paving work is shown on drawings.
- 1.2 QUALITY ASSURANCE
 - A. Code C and Standards: In addition to complying with all pertinent codes and regulations, comply with referenced portions of Standard Specifications of the State of Mississippi Department of Transportation. Sections on Measurement and Payment not applicable.
- 1.3 SUBMITTALS
 - A. Submit the following in accordance with Section 01300 Submittals.
 - B. Material Certificates: Provide copies of materials certificates signed by material producer and Contractor, certifying that each material item complies with, or exceeds, specified requirements.
 - C. Design Mix: Submit copies of Asphaltic Mix Design, for approval prior to beginning paving operations.
- 1.4 JOB CONDITIONS
 - A. Construct asphalt concrete surface course when atmospheric temperature is above 40 degrees F. (4 degrees C), and when base is dry.
 - B. Grade Control: Establish and maintain required lines and elevations.

PART 2 - PRODUCTS

- 2.1 MATERIALS
 - A. Refer to geotechnical report under 3.0 recommendations, paragraph 3.4 - Pavement Design & Construction.

PART 3 - EXECUTION

- 3.1 SURFACE PREPARATION
 - A. Remove loose material from compacted subgrade surface.
 - B. Proof roll prepared subgrade surface to check for unstable areas and areas requiring additional compaction.
 - C. Notify Contracting Officer of unsatisfactory conditions. Do not begin paving work until deficient subgrade areas have been corrected and are ready to receive paving.

3.2 PLACING MATERIAL

- A. Placing of asphalt shall be in accordance to Mississippi Highway Department Section 410.

3.3 TRAFFIC AND LANE MARKINGS

- A. Cleaning: Sweep and clean surface to eliminate loose material and dust.
- B. Pavement Markings: Permanent pavement markings shall be Class 1, Type A (reflective paint). Temporary markings shall be reflective paint. All marking materials shall comply with ASHD Section 856, Traffic White in color.
- C. Follow manufacturer's recommendation and direction.

3.4 FIELD QUALITY CONTROL

- A. General:
 - 1. Testing laboratory selected and paid by the Owner and approved by the Contracting Officer shall test in-place pavement courses for compliance with requirements for thickness and surface smoothness. Repair or remove and replace unacceptable paving as directed by Contracting Officer.
 - 2. Perform 3 tests for each type pavement.
- B. Thickness: Per Geotechnical Report and in-place compacted thickness will not be acceptable if exceeding following allowable variation from required thickness:
 - 1. Black Base 1/4", plus or minus.
 - 2. Surface Course: 1/4", plus or minus.
- C. Surface Smoothness: Test finished surface of each pavement course for smoothness, using 10' straightedge applied parallel with, and a right angles to, centerline of paved area. Surfaces will not be acceptable if exceeding the following tolerances for smoothness.
 - 1. Base Course Surface: 1/4".
 - 2. Wearing Course Surface: 3/16".

3.5 WARRANTY

- A. Furnish Contracting Officer with a one year written, from date of final project acceptance, covering labor and materials for asphalt paving and base work.

END OF SECTION