

SECTION 02740
ASPHALT CONCRETE PAVING

PART 1 - GENERAL

1.1 SCOPE

- A. The work shall consist of furnishing all materials, labor and equipment for compacting subgrade, constructing a base course, priming the base course and constructing an asphaltic concrete surface course.

1.2 SUBMITTALS: See Section 01300 - Submittals.

1.3 MATERIAL CERTIFICATES

- A. Provide copies of material certificates signed by material producer and contractor, certifying that each material item complies with, or exceeds, specified requirements.

1.4 CODE COMPLIANCE

- A. Comply with the applicable sections of the "State of Florida Department of Transportation's (FDOT) Standard Specifications for Road and Bridge Construction".

PART 2 - PRODUCTS

2.1 GENERAL

- A. All materials furnished hereunder shall comply with the applicable sections of the Florida Department of Transportation's (FDOT) "Standard Specifications for Road and Bridge Construction" current edition which are hereby incorporated into these specifications by reference.

2.2 MATERIALS

- A. General: Use locally available materials and gradations which exhibit a satisfactory record of previous installations.
- B. Subgrade Stabilizing Material: See SECTION 02310 - EARTHWORK for requirements.
- C. Base Course: The base course shall be constructed with either one of the following materials.
 - 1. Limerock Base Course: FDOT Section 911, for on-site pavement and for all pavement within the right-of-way of County Roads. Limerock shall have a minimum LBR of 100% and shall be mined from an FDOT approved source.

OR

- 2. Cemented Coquina Shell Base: FDOT Section 915, for on-site pavement.

- D. Asphaltic Concrete: Comply with FDOT Section 330 requirements and Section 331 for Type S-III and Type S-I.
- E. Prime and Tack Coats: FDOT Section 300.
- F. Lane Marking Paint: FDOT Section 971, Code T-1 or T-2, color as indicated on the drawings.

PART 3 - EXECUTION

3.1 GENERAL

- A. All operations hereunder shall adhere to the requirements of the Florida Department of Transportation for construction within the rights-of-way and FDOT's "Standard Specifications" above and particularly with the following sections:

3.2 SUBGRADE STABILIZATION: FDOT SECTION 160

- A. Construction of Base Course: FDOT Section 200, for limerock and FDOT Section 250, for shell.
- B. Place limerock in maximum 6" lifts and compact each lift to a minimum dry density of 98% of the Modified Proctor maximum dry density (AASHTO T-180).
- C. Perform compaction testing for limerock the full depth at a frequency of one test per 10,000 square foot, or at a minimum of two test locations, whichever is greater.
- D. Construction of Wearing Course: FDOT Section 330.
- E. Pavement Markings: FDOT Sections 710 and 711.

PART 4 - MEASUREMENT AND PAYMENT

- A. Any and all provisions of FDOT's specifications dealing with measurement and payment shall not apply.

END OF SECTION 02740