

**GENERAL:**

Specify prime and tack coats installation only when ambient temperature is above 50° F. and when temperature has not been below 35° F. for 12 hours immediately prior to application. **No installation when base is wet or contains an excess of moisture. Neither Eazy Base nor Fly Ash allowed as a stabilizer or as a by product of Concrete or asphalt pavement. Design professional shall write sitework spec do not simply install city of Jacksonville reference as a sitework spec.**

FDOT Type SIII asphalt, 6" minimum compacted lime rock or crushed base, and 12" minimum compacted/stabilized sub-base is recommended. **Require in-place compacted thickness to not be acceptable if exceeding allowable variation from specified thickness. Specify a minimum of 2 to a maximum of 6 core test samples at 1000 square yards .**

Specify surfaces not be acceptable if exceeding the following tolerances for smoothness for any 30' x 30' lengths or sections.

- a. Base Course Surface: 1/4".
- b. Wearing Course Surface: 3/16".
- c. No ponding water. Minimum grade of 1% is acceptable.

**NOTE: Design Professional shall inspect finished paved areas for ponding under wet conditions (artificially wet conditions acceptable) and approve prior to owner acceptance.**

**Surface Preparation**

Remove loose material from compacted (compaction tested) sub-base surface immediately before applying herbicide treatment prime coat. Proof roll prepared base and sub-base surface to check for unstable areas and areas requiring additional compaction. **Work is not to begin until deficient base and sub-base areas have been corrected and are ready to receive paving.**

Herbicide Treatment: To treat nut grass and other vegetation must be applied to dry base.

Prime Coat: Time to cure and dry as long as necessary to attain penetration and evaporation of volatile compounds.

Tack Coat: **Allow to dry until at proper condition to receive paving.**

**Rolling**

Breakdown Rolling: Accomplish breakdown or initial rolling immediately following rolling of joints and outside edge.

Second Rolling: To follow breakdown rolling; continue second rolling until mixture has been thoroughly compacted.

Finish Rolling while mixture is still **warm enough for removal of roller marks.** Visible cold pulls and reheating and rolling of cold pull joints will not be accepted.

**ASPHALT CONCRETE PAVING (Con't)**

**SECTION**

**02513**

**DESIGN GUIDELINES – DUVAL COUNTY PUBLIC SCHOOLS**

Notes for keying to existing surfaces.

- a. New pavement grades shall match existing pavement plane after four weeks.
- b. Specify proper curing time to comply with manufacturers recommendations for stripping materials.
- c. All asphalt surfaces for athletic tracks to comply with scholastic competition tracks.
- d. Speed bumps to be installed as directed to maintain proper speed and protect crosswalks.

**Patching Is Not Permitted In New Pavement Sections. Accept for cored areas**

**Protection**

Do not permit vehicular traffic on final pavement until it has cooled and hardened.

**END OF SECTION 02513**