

6/26/07

SSD: 6/6/07, 12/18/06, 10/18/06

SUPPLEMENTAL SPECIFICATION**SECTION 401 -- PLANT MIX PAVEMENTS – GENERAL****Add** to 1.5:

1.5.2 Work that affects characteristics that are not measured for payment adjustment will be subject to the method specification for that work.

Add to Materials:

2.9 Pavement Joint Adhesive. Pavement Joint Adhesive, Item 403.6, shall be a product that is listed on the Department's Qualified Products List.

Amend 3.7.5 to read:

3.7.5 When specified, a bituminous pavement joint adhesive, Item 403.6, shall be applied to the longitudinal joint. If joint adhesive has not been specified, an approved bituminous bonding material meeting the requirements of 410.3.4.2 shall be applied to completely cover all joint contact surfaces.

3.7.5.1 Joint adhesive shall be applied to the longitudinal joints so that the entire joint surface is covered with a minimum 1/8" thick layer of material. If a wedge joint is used the upper 4" of joint surface shall be covered with joint adhesive.

3.7.5.2 The joint face on which the joint adhesive is to be applied shall be dry, free from loose material, dust, or other debris that could interfere with adhesion. A hot air lance shall be used to dry and clean the joint face immediately prior to application of joint adhesive. If dust or debris adheres to the joint adhesive, it shall be cleaned or recoated as directed by the Engineer.

3.7.5.3 Trucks or traffic shall not drive across the joint adhesive until it has cooled sufficiently to prevent damage from tracking.

3.7.5.4 Joint adhesive shall be melted in a jacketed double boiler melting unit, which is equipped with an effective agitation system as recommended by the joint adhesive manufacturer. The joint adhesive shall be applied at the temperature specified by the manufacturer and shall not be heated above the safe heating temperature specified by the manufacturer.

3.7.5.5 Joint adhesive shall be applied using a pressure feed wand applicator system equipped with an applicator shoe as recommended by the manufacturer. A pour-pot applicator will be allowed on wedge joints only.

Amend 3.14.4.2 to read:

3.14.4.2 A GM type profilometer will be furnished by the Department for determination of pavement smoothness. This device provides a Ride Number in both wheel paths that are averaged to produce a ride number for the surface tested. In the event the Engineer feels that there is a significant difference in the wheel path profiles, a

Ride Number evaluation of the individual wheel paths will be made. The surface will be tested within 30 days after the wearing surface and pavement markings for each discrete section of the project are complete. Immediately before testing, the Contractor will insure the surface is entirely free from any foreign matter that may affect the test results. No special considerations will be given to criteria such as degree of curve and vertical geometry. Ride Number will be calculated to the nearest one hundredth for each 0.1 mile (0.2 km) segment.

Replace 3.14.4.5 including Table 9:

3.14.4.5 The Ride Number average of all sublots will be used to determine the final pay factor. The final pay factor will be computed as follows:

For Level 1 Projects: (Ride Number 4.20)

$$\text{Pay Factor} = \text{RN} (0.5) - 1.1$$

For Level 2 Projects: (Ride Number 4.14)

$$\text{Pay Factor} = \text{RN} (0.5682) - 1.3523$$

Add to 3.14.4.6:

3.14.4.6 Any subplot that has an individual wheel path ride number less than 3.7 shall be repaired or replaced. The repair treatment shall be for the full width of the lane. Sublots that have been repaired or replaced shall be reevaluated for ride smoothness and then averaged with all other sublots to determine the final project pay factor. Construction joints resulting from repairs or replacement will be included.

3.14.4.6.1 Level 1 will generally be all interstate and limited access highways with the following exception:

- (a) A single course overlay that has a before ride number average of less than 4.00

3.14.4.6.2 Level 2 will generally be all other highways with the following exceptions:

- (a) Where the wearing course must be constructed in short sections (< 3 sublots).
- (b) Projects shorter than one half mile in length.
- (c) Projects with a posted speed of 35 MPH or less.
- (d) Projects with many driveways and/or cross roads with constant traffic.
- (e) District resurfacing projects.

Add to Method of Measurement:

4.4 Pavement Joint Adhesive will be measured by the linear foot (linear meter) of material incorporated in the work.

Amend 5.6.3 Ride Quality (all projects) to read:

Ride Quality (all projects) 1.00

Add to Basis of Payment:

5.7 Pavement Joint Adhesive will be paid for at the contract unit price per linear foot (linear meter), complete in place.

5.7.1 Recoating of the joint, as described in 3.7.5.2, shall be at the Contractor's expense.

SECTION 403 – HOT BITUMINOUS PAVEMENT

Add to Pay Items and Units

403.6 Pavement Joint Adhesive Linear Foot (Linear Meter)