

Amend **Section 407 - Bituminous Tack Coat** to read as follows:

"SECTION 407 - TACK COAT

407.01 Description. This work includes preparing and treating an existing bituminous or concrete surface with tack coat according to the contract.

407.02 Materials. Materials shall conform to the following:

Emulsified Asphalt (Type SS-1, SS-1h, CSS-1 or CSS-1h) 702.04

Water 712.01

407.03 Construction Requirements.

(A) **Weather Limitations.** Do not apply tack coat on a wet surface or when weather conditions prevent proper construction.

(B) **Equipment.** Provide equipment for heating and applying the tack coat. This equipment shall conform to Subsection 405.03(B) - Equipment.

(C) **Preparation of Surface.** Immediately before applying the tack coat, sweep the surface clean of loose material, dirt, excess dust or other objectionable matter according to Section 310 - Brooming Off. Use a power broom or power blower, supplemented by hand methods, if necessary.

Before applying the tack coat, remove the raised pavement markers by such methods that will cause the least possible damage to the pavement.

(D) **Application of Tack Coat.** Dilute the emulsified asphalt with water at a rate of one part emulsion to one part of water by volume. Submit the quantity, rate of application, temperature, and areas to be treated for acceptance before applying the tack coat.

Place the tack coat only as needed for the surface to cure to the proper condition for placement of such surface course.

The time between the placement of the tack coat and the subsequent paving shall not exceed four hours. In multiple lift construction, the Engineer may waive the application of the tack coat. Placement of the upper lift shall be within 12 hours of the placement of the lower lift.

Apply tack coat at the rate of 0.05 - 0.10 gallon per square yard on an existing surface or intermediate layer in multiple layer construction.

(E) Protection of Tack Coat. Keep traffic except construction equipment directly connected with paving operations off the tack coat. Protect the tack coat from damage until after placing the surface course.

407.04 Method of Measurement. The Engineer will not measure bituminous material for tack coat for payment.

407.05 Basis of Payment. The Engineer will not pay for tack coat separately. The Engineer will consider the price for tack coat included in the bid price of the various contract items in Section 401 - Asphalt Concrete Pavement.

The price includes full compensation for sweeping the surface clean; removing the raised pavement markers and temporary tapes; furnishing, applying, and protecting the tack coat; and furnishing labors, materials, equipment, tools, and incidentals necessary to complete the work."

END OF SECTION