

SECTION 407 - BITUMINOUS TACK COAT

407.01 **Description.** This work includes preparing and treating an existing bituminous or concrete surface with bituminous material 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.** The Contractor shall not apply tack coat on a wet surface or when weather conditions prevents proper construction. *

(B) **Equipment.** The Contractor shall provide equipment for heating and applying the bituminous material. This equipment shall conform to Subsection 405.03(B) - Equipment. |

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

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

(D) **Application of Bituminous Material.** The Contractor shall dilute the emulsified asphalt with water at a rate of one (1) part emulsion to one (1) part of water by volume. The Contractor shall submit the quantity, rate of application, temperature, and areas to be treated for acceptance before application. *

The Contractor shall 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 (4) hours. In multiple lift construction, the Engineer may waive the application of the tack coat. Placement of the upper lift shall be within twelve (12) hours of the placement of the lower lift. *

The Contractor shall apply the tack coat at the rate of 0.05 - 0.15 gallon per square yard on an existing surface or intermediate layer in multiple layer construction. *

407.03

(E) Protection of Tack Coat. The Contractor shall keep traffic except *
construction equipment directly connected with paving operations off the *
tack coat. The Contractor shall protect the tack coat from damage until *
the Contractor places the surface course. *

407.04 Method of Measurement. The Engineer will measure the bituminous *
material for tack coat by the gallon or ton according to Section 109 - *
Measurement and Payment.

If not shown in the proposal, the Engineer will not measure the *
bituminous material for tack coat. *

The Engineer will not measure for payment for the removal of raised *
pavement markers, when required. *

407.05 Basis of Payment. The Engineer will pay for the accepted quantities *
of tack coat at the contract unit price per gallon or per ton, as specified in *
the proposal, complete in place.

The Engineer will make payment under: *

Pay Item	Pay Unit
_____ Emulsified Asphalt for Tack Coat	Gallon
_____ Emulsified Asphalt for Tack Coat	Ton

If not specified in the proposal, the Engineer will consider tack coat *
incidental to the various asphalt concrete items. The Engineer will not pay *
for the tack coat separately. *

The Engineer will consider the removal of raised pavement markers *
incidental to the various asphalt concrete items. The Engineer will not *
make compensation separately. *