TO BE REMOVED FROM SPECIFICATION LIST

SECTION 32 12 13.16

TACK COAT (ASPHALTIC)

PART 1 - GENERAL

1.1 DESCRIPTION

A. This item shall consist of an application of asphaltic material on a completed base course, after the prime coat has sufficiently cured; or on an existing pavement; bituminous surface and/or other approved area in accordance with these Specifications.

1.2 MEASUREMENT AND PAYMENT

A. The asphaltic material for tack coat will be measured at point of delivery on the project in gallons at the applied temperature. The quantity to be paid for shall be the number of gallons used, as directed by the Engineer.

B. The work performed and materials furnished as prescribed by this item will be paid for at the unit price bid per gallon for "Tack Coat". This price shall be full compensation for cleaning the surface, for furnishing, heating, hauling and distributing the tack coat as specified; for all freight involved; and for all manipulations, labor, tools, equipment and incidentals necessary to complete the work. Where no pay item is provided for in the Contract Documents the work performed and materials furnished as specified by this item shall be considered as subsidiary to the appropriate bid items.

PART 2 – PRODUCTS

2.1 MATERIALS

A. The asphaltic material used for tack coat shall meet the requirements for cut-back asphalt or emulsified asphalt as defined in SECTION 32 05 17 - ASPHALTS, OILS, AND EMULSIONS, and as approved by the Engineer. Cut-back asphalt can be made by combining 50% - 70% by volume of the asphaltic materials as specified for the type of paving mixture, with 30% -50% by volume of either gasoline and/or kerosene.

B. The asphaltic material used for the tack coat may be further cut back by the addition of an approved grade of gasoline and/or kerosene not to exceed 15%, by volume, upon approval by the Engineer.

PART 3 – EXECUTION

3.1 GENERAL

A. Before the tack coat is applied, the surface shall be cleaned thoroughly to the satisfaction of the Engineer. The asphaltic material shall be applied on the clean surface by an approved type of self-propelled pressure distributor so operated to distribute the tack coat at a rate not to exceed 0.10 gallon per square yard of surface. Proper distribution shall be considered as applying the tack coat evenly and smoothly while under pressure as well as other specified requirements. Where the pavement mixture will adhere to the surface on which it is to be placed without the use of a tack coat, the tack coat may be eliminated by

the Engineer. All contact surfaces of curbs and structures and all joints shall be painted with a thin uniform coat of the asphaltic material used for tack coat. The tack coat shall be applied only when the atmospheric temperature in the shade is 50° F or above and when the temperature has not been below 35° F for 12 hours immediately prior to application. The tack coat shall be rolled with a pneumatic tire roller as directed by the Engineer. During the application of tack coat, care shall be taken to prevent splattering of adjacent pavement, curb and gutters or structures. The Contractor shall be responsible for cleaning splattered areas as determined and directed by the Engineer.

END OF SECTION