

ITEM 22

TACK COAT

22.01 SCOPE OF WORK

This work shall consist of furnishing and applying bituminous material to a previously prepared base or surface, to provide bond for a superimposed course, in accordance with the requirements of these Specifications.

22.02 MATERIALS

- (a) Bituminous materials shall conform to the requirements of the following Items of these Specifications:

Materials

AC-20 Asphalt

When the particular type and grade of bituminous material to be used is not shown on the Plans or otherwise designated, the Contractor shall select the type and the Engineer will designate the grade. Bituminous material may be conditionally accepted at the source.

- (b) The ranges of application temperatures in degrees Fahrenheit shall be as follows:

AC-20 325° to 400°

22.03 EQUIPMENT

All equipment necessary for the satisfactory performance of this construction shall be on hand and approved before work will be permitted. The required equipment shall include a power broom, equipment for heating bituminous material, a pressure distributor meeting the requirements of Item 21.03, and such other equipment and small tools as may be required to perform the work in a satisfactory manner.

22.04 PREPARATION OF SURFACE

The designated surface shall be prepared in accordance with the applicable provisions of Item 12. The surface shall be dry at the time the tack coat is applied.

22.05 APPLICATION OF BITUMINOUS MATERIAL

- (a) Immediately after cleaning the surface, bituminous material shall be applied with the pressure distributor at a rate directed by the Engineer, but not to exceed 0.05 gallons of residual bitumen per square yard.
- (b) The surfaces of trees and structures adjacent to the areas being treated shall be protected in such a manner as to prevent their being spattered or marred.
- (c) The tacked surfaces shall be allowed to dry until it is in a proper condition to receive the surface course. Tack coat shall be applied only so far in advance of surface course placement as is necessary to obtain this proper condition of tackiness. The Contractor shall protect the tack coat from damage until the surface course is placed.

22.06 METHOD OF MEASUREMENT (IF APPLICABLE)

- (a) Bituminous tack coat will be measured by the number of gallons (or the unit(s) specified in the bid schedule) of material used in the accepted work, as determined by the Engineer, at the temperature of application.

22.07 BASIS OF PAYMENT (IF APPLICABLE)

This item will be paid for at the contract unit price per gallon (or the unit(s) specified in the bid schedule) for "Tack Coat" complete-in-place, which price shall be full compensation for all bituminous tack coat as indicated or directed and in accordance with the conditions, stipulations, provisions, and requirements contained herein for completing all incidentals thereto and for furnishing all materials, equipment, tools, labor and incidentals required to complete this Item.

END OF DOCUMENT