

CITY OF ODESSA
STANDARD SPECIFICATIONS

ITEM 30
PRIME COAT (ASPHALTIC MATERIAL ONLY)

30.1 DESCRIPTION

This item shall consist of an application of asphaltic material on the completed base course in accordance with these specifications.

Prime coat shall not be applied when the air temperature is below 50E F. and falling, and it may be applied when the air temperature is above 40E F. and is rising, the temperature being taken in the shade and away from artificial heat. Asphaltic material shall not be placed when general weather conditions, in the opinion of the Engineer, are not suitable.

30.2 MATERIALS

The asphaltic material used for the prime coat shall be of the type and grade shown on the plans and when tested by approved laboratory methods shall meet the requirements of the item "Asphalts, Oils, and Emulsions".

30.3 CONSTRUCTION METHODS

When, in the opinion of the Engineer, the base is satisfactory to receive the prime coat, the surface shall be cleaned by sweeping or other approved methods. If found necessary by the Engineer, the surface shall be lightly sprinkled just prior to application of the asphaltic material. The asphaltic material shall be applied to the clean base by approved type of self-propelled pressure distributor so operated as to distribute the material in the quantity specified, evenly and smoothly under a pressure necessary for proper distribution. The Contractor shall provide all necessary facilities for determining the temperature of the asphaltic material in all of the heating equipment and in the distributor, for determining the rate at which it is applied, and for securing uniformity at the junction of two distributor loads.

All storage tanks, piping, retorts, booster tanks, and distributors used in storing or handling asphaltic material shall be kept clean and in good operating condition at all times, and they shall be operated in such manner that there will be no contamination of the asphaltic material with foreign material. It shall be the responsibility of the Contractor to provide and maintain in good working order a recording thermometer at the storage heating unit at all times. The distributor shall have been recently calibrated and the Engineer shall be furnished an accurate and satisfactory record of such calibration. After beginning the work, should the yield on the asphaltic material applied appear to be in error, the distributor shall be calibrated in a manner satisfactory to the Engineer before proceeding with the work.

Asphaltic material shall be applied at a temperature between the minimums and maximums recommended in the item "Asphalt, Oils, and Emulsions".

The Engineer shall select the temperature of application and the Contractor shall apply the asphaltic material at a temperature within 15E F. of the temperature selected.

WARNING TO CONTRACTOR:

Attention is called to the fact that asphaltic materials are very inflammable. The utmost care shall be taken to prevent open flames from coming in contact with the asphaltic material or the gases of same. The Contractor shall be responsible for any fires or accidents which may result from heating the asphaltic materials.

The Contractor shall be responsible for the maintenance of the surface until the work is accepted by the Engineer.

No traffic, hauling, or placement of any subsequent courses shall be permitted over the freshly applied prime coat until authorized by the Engineer.

30.4 MEASUREMENT

Work and accepted material as prescribed by this item will be measured by the square yard of "prime coat" complete, in place and accepted.

30.5 PAYMENT

The work performed and materials furnished as prescribed by this item and measured as provided under "Measurement" will be paid for at the unit price bid for "Asphaltic Material" of the type and grade specified, which price shall be full compensation for cleaning the base; for furnishing, freight involved, heating, hauling, and distributing the asphaltic material as specified; and for all manipulation, labor, tools, equipment, and incidentals necessary to complete the work.

ADDENDA FOR ASSESSMENT PAVING PROJECTS ONLY

MEASUREMENT

Work and accepted material as prescribed by this item shall not be measured separately. Work and accepted material as prescribed by this item shall be included in the measurement for "Pavement".

PAYMENT

Payment for the work performed and the materials furnished as prescribed above by this item shall be included in the unit price bid for "Pavement" and no other payment will be made by "Prime Coat".