

ITEM 407.0201 18 - TACK COAT FOR 6.3-mm POLYMER-MODIFIED HMA

DESCRIPTION

This work shall consist of using an asphalt emulsion as a tack coat for the 6.3-mm Polymer-Modified HMA mixture. Tack Coat for 6.3-mm Polymer-Modified HMA shall be constructed in accordance with these specifications and in reasonably close conformity with the required lines, grades, thicknesses, and typical sections shown on the plans or established by the Engineer. All necessary pavement repairs, crack sealing, joint sealing, pavement marking removal, utility grade adjustments, and milling of rebates will be paid under appropriate items.

MATERIALS

Use RS 1h (Material Designation 702-3002) or CRS 1h (Material Designation 702-4002) emulsion as a tack coat. Other emulsions with similar properties and set times as the above emulsions may be used with the approval of the Director, Materials Bureau.

CONSTRUCTION DETAILS

The provisions of §407-3, Construction Details, shall apply.

METHOD OF MEASUREMENT

The quantity to be paid for will be to the nearest whole liter of asphalt emulsion for tack coat measured at 16°C. The following formula will be used to calculate material quantity at 16°C:

$$\text{Volume}_{16^{\circ}\text{C}} = \text{Volume}_D \times [1 - (\Delta T \times 0.00045)]$$

$$\Delta T = \text{Delivered Temperature } (^{\circ}\text{C}) - 16$$

$$\text{Volume}_D = \text{Quantity Delivered (L)}$$

BASIS OF PAYMENT

The unit price bid per liter for tack coat shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.

Payment will be made under:

| ITEM NO. | ITEM | PAY UNIT |
|-------------|---|----------|
| 407.0201 18 | Tack Coat for 6.3-mm Polymer-Modified HMA | Liter |