**3B**

**WHITEWASHING FOR CONCRETE PAVEMENT**

(Effective: March 30,2023)

**Description**. This work shall consist of whitewashing the hot-mix asphalt (HMA) stabilized subbase for concrete pavement.

**Materials**. Materials shall be according to the following: :

Item Article/Section

(a) Water ..................................................................................................... 1002

(b) Hydrated Lime .................................................................................. 1012.01

(c) Calcium Carbonate Pigments (Note 1)

Note 1: ASTM D-1199, Type GC or PC, Grade II or finer. Other materials or grades may be used with the approval of the Engineer provided the resulting coating is bright white and uniform in nature. By-product lime will not be allowed.

**Equipment**. Equipment shall be capable of mixing, continuously agitating, and applying the prepared solution in a uniform manner.

**Construction Requirements**. When the pavement is placed between May 15 and October 15, the surface of the hot-mix asphalt stabilized subbase shall be whitewashed. Whitewashing shall be completed prior to placing the reinforcing steel or load transfer devices. Whitewashing shall not be applied when rain is imminent.

The whitewash shall be prepared by combining two parts water to one part pigment by weight. The ingredients shall be mixed until smooth in consistency and free of lumps. If sufficient coating can be demonstrated, the ratio may be increased up to three parts water to one part pigment by weight with the approval of the Engineer. After mixing, the whitewash shall be continually agitated until applied.

The whitewash shall be uniformly applied to the entire hot-mix asphalt stabilized subbase at a rate of 0.35 L/sq m (0.075 gal/sq yd). The method of application shall be approved by the Engineer. Thick films from splits or over application shall be removed by means that does not damage the base or subbase.

Once the whitewash mixture is placed, traffic shall be kept to a minimum on the hot-mix asphalt stabilized subbase. The whitewash shall be maintained until placement of the PCC pavement and shoulders.

**Method of Measurement**: Whitewashing the hot-mix asphalt stabilized subbase will be measured for payment in place and the area computed in square yards. The width for measurement will be the width of concrete pavement and shoulders to be placed. The length for measurement will be as shown on the plans or as directed by the Engineer.

**Basis of Payment**: This work will be paid for at the contract unit price per Square Yard for WHITEWASHING FOR CONCRETE PAVEMENT.