

**ITEM 08407.0111 M - ASPHALT EMULSION FOG SEAL (FOR MEDIAN STRIPS)**

**DESCRIPTION:**

This work consist of fog sealing asphalt at the locations indicated in the contract documents or where directed by the Engineer, and to the width and length as directed by the Engineer.

**MATERIALS:**

The asphalt emulsion fog seal shall meet the requirements specified in Section 702 and the material requirements in Table 702-9, Asphalt Emulsion Tack Coat.

This material will be sampled and tested in accordance with the Department's written instructions.

**CONSTRUCTION DETAILS:**

Before the fog seal application can proceed, the contractor shall do the following:

1. Clean and seal the joints and cracks.
2. Vegetation growth shall be cut down and any remaining vegetation in the asphalt pavement shall be removed using a 20 lb. (44 kg) propane cylinder with heating torch device or similar method approved by the Engineer.
3. Remove all surface dirt and debris.
4. The asphalt emulsion shall be applied within 7 calendar days after the vegetation has been removed and the surface cleaned.

The joint/crack cleaning and sealing, and the removal of dirt/debris shall be done using methods approved by and completed to the satisfaction of the Engineer.

Fog seal shall not be applied on a wet pavement surface or when the surface temperature is below 7\_C. The areas designated to be treated shall be as shown in the contract documents and as directed by the Engineer prior to application. The application rate shall be 0.20 to 0.70 liters per square meter as approved by the Engineer.

The contractor shall provide the fog seal application equipment meeting the requirements of Subsection 407-3.01 and as approved by the Engineer.

**METHOD OF MEASUREMENT:**

This work will be measured as the number of liters of asphalt emulsion for fog seal measured at 16\_C incorporated into the work.

**BASIS OF PAYMENT:**

The unit price shall include the cost of furnishing all labor, equipment, and materials necessary to complete the work. Removing surface dirt and debris shall be included in the cost of this Item.

Cleaning and sealing joints and cracks shall be paid for separately under the appropriate Item.