# FOG SEAL

Updated: 4/3/2023

This work shall consist of furnishing and applying a diluted asphalt emulsion Fog Seal Coat to the newly constructed bituminous surface treatment, per BDE special provision ‘Bituminous Surface Treatment with Fog Seal’.

Immediately prior to placing the fog seal, the contractor shall clean the existing surface in accordance with Section 358.05 of the Standard Specification for Road and Bridge Construction.

The asphalt material used shall be CSS-1 and shall be diluted with water at the supplier’s terminal prior to transport.

The Fog Seal shall not be applied to damp surfaces, if rain is imminent, or if pavement or air temperatures are below 60°F.

The Fog Seal shall be applied uniformly and at a rate of 0.03 to 0.05 lbs/square foot, which shall be accomplished in two (2) separate applications made in opposite directions. A pressure distributor that conforms with Section 1102.05 of the Standard Specifications shall be used.

During construction, the contractor shall insure that a minimum of one lane of traffic shall be open to traffic at all times. The contractor shall provide traffic control per the Highway Standard 701201. The road may be opened to traffic, with approval of the Engineer, when the asphalt has cured sufficiently so that the asphalt will not be picked up.

This work shall be completed within **15 working days** post new chip and/or seal coats, where identified in the contract.

**Basis of Payment:** This work shall be paid for at the contract unit price per pound for BITUMINOUS MATERIALS (FOG SEAL), which shall include all costs associated for furnishing and applying the material in accordance with this specification.