

412-R-549 FOG SEAL

(Revised 01-19-12)

The Standards Specifications are revised as follows:

SECTION 412, BEGIN LINE 1, INSERT AS FOLLOWS:

SECTION 412 – FOG SEAL

412.01 Description

This work shall consist of applying asphalt emulsion to the pavement surface in accordance with 105.03.

MATERIALS

412.02 Materials

Materials shall be in accordance with the following:

<i>Asphalt Emulsion, AE-F.....</i>	<i>902.01(b)</i>
<i>Fine Aggregate.....</i>	<i>904.02</i>

CONSTRUCTION REQUIREMENTS

412.03 Equipment

A distributor in accordance with 409.03(a) shall be used.

412.04 Weather Limitations

Fog seal operations shall not be conducted on a wet pavement, when the ambient air or pavement temperature is below 60°F, or when other unsuitable conditions exist, unless approved by the Engineer. Fog seal shall not be applied to travel or auxiliary lanes before May 1 or after October 1.

412.05 Preparation of Surface

Surfaces shall be clean and free of any foreign or loose material.

All castings, detector housings, and snowplowable raised pavement markers shall be covered to prevent coating with fog seal prior to application of the fog seal. These coverings shall be removed prior to opening to traffic.

412.06 Application of Asphalt Material

The asphalt material shall be applied uniformly at the rate of 0.10 ± 0.02 gal./sq yd. Asphalt material shall be applied in such a way as to ensure even and uniform coverage to the pavement surface.

412.07 Protection of Surface

Fine aggregate or other approved blotting material shall be applied to pedestrian crosswalks, driveways or other areas as directed by the Engineer. Brooming of ponded areas shall be required prior to opening to traffic on treated surfaces, as directed.

Traffic shall not be permitted on the freshly sealed surface until the asphalt material has sufficiently cured to prevent tracking.

412.08 Method of Measurement

Fog seal will be measured by the square yard complete in place.

412.09 Basis of Payment

Fog seal will be paid for at the contract unit price per square yard.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit Symbol</i>
<i>Fog Seal</i>	<i>SYS</i>

The costs of all asphalt materials, fine aggregate, surface preparation, and all other necessary incidentals shall be included in the cost of the pay item.

