

SECTION 513 -- FOG SEAL

513.01 -- Description

A fog seal is a light application to an existing surface of a slow-setting asphalt emulsion diluted with water, similar to a tack coat, and applied at the required application rate. The application locations will be as shown in the plans, specifications, or as directed by the Engineer.

513.02 -- Material Requirements

Fog seal shall be of the type and grade shown in the plans, and asphalt shall conform to the requirements of Sections 1031 or 1032.

513.03 -- Construction Methods

1. Before the application of fog seal, the Contractor shall clean the surfaces as prescribed in Section 501.
2. The Contractor shall furnish and apply fog seal materials in accordance with the requirements specified in Subsection 515.03 except as follows:
 - a. The rate of application shall be as shown in the special provisions.
 - b. The emulsified asphalt shall be diluted in the distributor with potable water as shown in the special provisions.
3.
 - a. When an excessive fog seal quantity is applied, the Contractor shall furnish and distribute clean, fine sand uniformly on the surface to blot the excess asphalt.
 - b. The required rate of application shall be from 2 to 7 kg/m²; but never shall the quantity be less than that required to completely blot the surface and to prevent asphaltic material from being picked up by traffic.

513.04 -- Method of Measurement

1. Fog seal will be measured in liters of diluted solution applied to the surface.
2. Clean fine sand will not be measured.

513.05 -- Basis of Payment

- | | | |
|----|-----------------|-----------------|
| 1. | <u>Pay Item</u> | <u>Pay Unit</u> |
| | Fog Seal | Kiloliter (kL) |

2. When materials do not meet plan and specification requirements, deductions will be made according to Tables 503.01A and B.

3. Clean fine sand will be subsidiary to fog seal.
4. Water used to dilute emulsified asphalt is subsidiary to fog seal.
5. Payment is full compensation for all work prescribed in this Section.