

Fog Sealing

What it is

Fog seals are a pavement preservation technique using a light application of diluted asphalt emulsion that helps to seal the existing pavement before signs of distress emerge. Fog seals restore the wearing surface and provide resistance to deterioration due to the weather and sun. When applied early in the lifecycle of pavement, the low cost of the treatment and life extension benefits make fog seals a highly economical preventative maintenance treatment. This treatment requires minimal pre-work and causes minimal impact to abutters. This is classified as routine asphalt maintenance.

Process

- Road surface is cleaned of vegetation, debris, and loose asphalt
 - A light spray application of approximately 0.10 gallons per square yard of a diluted asphalt emulsion is sprayed onto the pavement surface.
 - Permanent striping is not impacted.
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Impact to Residents

Minimal impact to abutters, typical curing time is 30 to 60 minutes (sometimes shorter or longer depending on road and atmospheric conditions) prior to returning to traffic.
