

Your Agency Fog Seal Construction Inspection Checklist

This checklist is intended to guide inspectors with a convenient list of fog seal best practices and guidelines to achieve quality projects. It does not replace project proposals, contracts or specifications.

Date:	_____	Binder Load	_____
		Tickets:	_____
Project	_____	Inspector	_____
Name:	_____	Name:	_____
Prime	_____	Subcontractor:	_____
Contractor:	_____		
Street:	_____	Street:	_____
Beginning	_____	Beginning	_____
Station:	_____	Station:	_____
Ending	_____	Ending Station:	_____
Station:	_____		

Materials

Emulsion

Emulsion Type _____	Emulsion Supplier _____
Storage Conditions _____	Application Temperature _____

Pavement Preparation

- ☐ The surface has been swept clean and is dry and free from debris
- ☐ Temporary markers have been placed on lane lines
- ☐ Utility castings have been protected and marked
- ☐ If applying to a chip seal, do not apply the same day as the chip seal application

Weather

- ☐ Pavement and ambient temperature at time of placement at least 55°F _____ °F
- ☐ Pavement temperature is below 130°F at the time of placement _____ °F
- ☐ Air temps will be above 32°F within 24 hours of placement
- ☐ Weather is clear with no fog or rain during placement

Equipment

- ☐ All equipment used on the jobsite is in good working order

Pressure Distributor

- ☐ Equipped with computerized application rate and speed control
- ☐ Equipped with radar ground-sensing device
- ☐ Uniform triple-lap application fan spray
- ☐ All nozzles are free of clogs
- ☐ Calibration of the distributor has been checked

Application Rates

- Apply fog seal at a rate of 0.07 to 0.15 gallons of diluted material per square yard of pavement treated. Ensure the fog seal application results in a uniform coverage of emulsion just sufficient to flow into and seal the pavement pores, small cracks, and voids. The asphalt emulsion application rate, as determined by a yield check, must not exceed a tolerance of ± 0.015 gal/syd from the established JMF application rate