

Your Agency Micro 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

Aggregates

Aggregate Type: ☐ 2FA ☐ 3FA Aggregate Source: _____

Stockpile Location: _____ Gradation Test Date: _____

Asphalt Emulsion

Emulsion Type: ☐ CSS-1hM ☐ MSEA Emulsion Supplier: _____

Storage Temperature: _____ Application Temperature: _____

- ☐ Storage temperature maintained between 50°F and 185°F
- ☐ Application temperature maintained between 85°F and 135°F

Mineral Filler

Filler Type: ☐ Portland Cement Type 1L or PLC Supplier: _____

Pavement Preparation

- ☐ The surface has been swept clean and is dry and free from debris
- ☐ Pavement markings removed (if required)
- ☐ Temporary markers have been placed on lane lines
- ☐ Utility castings, drainage structures, monument boxes and water shut offs have been protected and marked
- ☐ All necessary crack sealing completed and cured
- ☐ Any necessary milling, leveling or surface irregularities corrected, per project requirements
- ☐ Any solvents or fluids from cars parked on the roadway have been removed and pavement cleaned

Weather

Pavement Temperature: _____ °F Ambient Temperature: _____ °F

Relative Humidity: _____% Wind Conditions: _____

- ☐ Pavement and ambient temperature at time of placement at least 45°F and rising
- ☐ Pavement temperature is below 130°F at the time of placement
- ☐ Air temps will be above 40°F within 24 hours of placement
- ☐ Weather is clear with no fog or rain during placement
- ☐ No rain forecast within 3 hours of application

Application Type and Method

Application Type: ☐ Rut Filling ☐ Single Course ☐ Multiple Course

Method: ☐ 3FA ☐ 2FA Double ☐ 2FA Single

Application Process

Start Time: _____ End Time: _____ Total Area (SY): _____

Location Type: ☐ Urban/Residential ☐ Primary/Interstate

Application Rate Verification

Target Rate (lbs/SY): _____ Measured Rate (lbs/SY): _____

Test Section Length: _____ Test Section Width: _____

- ☐ Application rate within +/- 10% of JMF

Documentation

- ☐ Daily Report (Required for each machine if truck-mounted)
- ☐ Load Tickets
- ☐ Job Mix Formula

Equipment Inspection

- ☐ All equipment used on the jobsite is in good working order with no leaks

Mixing Machine

Type: ☐ Continuous Loading ☐ Truck-Mounted Calibration Date: _____

- ☐ Documentation of calibrations at various settings maintained on site
- ☐ Recalibration completed after changes in aggregate or emulsion sources

Spreader Box

Type: ☐ Standard ☐ Rut Box ☐ Longitudinal Box

Additional Equipment

- ☐ Support equipment meets requirements
- ☐ Required lighting is installed and functioning