

MAINTENANCE PLANNING GUIDELINES

2006

ACTIVITY: Pavement Preventative Maintenance (R315)

ACTION: Scrub Seals (LM)

MINOR (Only)

DEFINITION: The time and expenses incurred for the application of preventative maintenance treatments to pavements. This includes fly coating, crack and joint maintenance and scrub seals.

PURPOSE: To fill cracks and extend life of pavement.

SCHEDULING: When temperatures are 65°F and rising.

J	F	M	A	M	J	J	A	S	O	N	D
A	E	A	P	A	U	U	U	E	C	O	E
N	B	R	R	Y	N	L	G	P	T	V	C

RECOMMENDED EQUIPMENT:

- Truck Distributor
- Chip Spreader
- Brooms
- Rubber Tire Roller
- Trucks
- Optional Pilot Truck
- Traffic Control Equipment;
(See EPG [616.23 Traffic Control for Field Operations](#))

RECOMMENDED PROCEDURE:

1. Place traffic control devices as needed.
2. Sweep the existing surface to clean and remove loose debris.
3. Set temporary pavement marking.
4. Apply asphalt at recommended rate with broom attached to distributor.
5. Cover asphalt with blotting material.
6. Broom blotting material.
7. Roll with rubber tire roller.
8. Remove traffic control devices, except “Fresh Oil” and “No Center Stripe” signs, and open to traffic.
9. “Fresh Oil” and “Loose Gravel” signs should remain in place until surface is cured and loose aggregate has been thoroughly swept off.

RECOMMENDED MATERIAL:

- Sand – Other Blot Material
- Asphalt (scrub oil)

SAFETY: Wear all appropriate PPE. Refer to the [Safety Policies, Rules & Regulations – Employee Handbook](#).

OTHER CONSIDERATIONS: Clean up excess material with power broom.

REFERENCES: Missouri Standard Specifications for Highway Construction Sections [413.20](#), [1015](#).

Scrub Seals



(1) Roadway Prior to Scrub Seal



(2) Scrubbing the Oil into the Roadway



(3) Oil Penetrates and Seals Cracks



(4) Applying the Sand



(5) Sand Applied Prior to Scrubbing



(6) Scrubbing the Sand