

MAINTENANCE PLANNING GUIDELINES

01/2014

ACTIVITY: Pavement Preventative Maintenance (R315)

ACTION: Crack & Joint Maintenance
B. Milling High Joints

MAJOR & MINOR

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: Heating or milling excess material from cracks and joints, and minor profiling to improve rideability.

SCHEDULING: Schedule during hot weather where rotomill is available.

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:

- Motor Grader or Roto-Mill
- Protective Truck
- Heating Torch
- Traffic Control Equipment;
(See EPG [616.23 Traffic Control for Field Operations](#)).

RECOMMENDED MATERIAL:

- Sand or Cinders
- Sealing material such as Pavon or Emulsified Asphalt

RECOMMENDED PROCEDURE:

1. Place traffic control devices as needed.
2. Cut high joint with mill or preheat with torch and trim off excess material with motor grader or by hand.
3. Using stringline or straightedge, check trimmed area. If necessary, repeat step 2 until desired template is obtained.
4. Seal or flycoat surface to encourage a uniform appearance.
5. Remove traffic control devices.

SAFETY: Keep a watchful eye for traffic. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

OTHER CONSIDERATIONS: A seal coat, cinder, or sand seal will protect affected areas and prevent raveling.

REFERENCES: Missouri Standard Specifications for Highway Construction Section [1015](#).