

<b>MAINTENANCE PLANNING GUIDELINES</b>		2006																																																
<b>ACTIVITY:</b> Pavement Preventative Maintenance (R315)  <b>MAJOR &amp; MINOR</b>	<b>ACTION:</b> Crack & Joint Maintenance <i>B. Milling High Joints</i>																																																	
<b>DEFINITION:</b> 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.																																																		
<b>PURPOSE:</b> Heating or milling excess material from cracks and joints, and minor profiling to improve rideability.																																																		
<b>SCHEDULING:</b> Schedule during hot weather where rotomill is available.	<table border="1"> <tr> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td> </tr> <tr> <td>A</td><td>E</td><td>A</td><td>P</td><td>A</td><td>U</td><td>U</td><td>U</td><td>E</td><td>C</td><td>O</td><td>E</td> </tr> <tr> <td>N</td><td>B</td><td>R</td><td>R</td><td>Y</td><td>N</td><td>L</td><td>G</td><td>P</td><td>T</td><td>V</td><td>C</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		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												
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																																							
<b>RECOMMENDED EQUIPMENT:</b> <ul style="list-style-type: none"> <li>• Motor Grader or Roto-Mill</li> <li>• Protective Truck</li> <li>• Heating Torch</li> <li>• Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations).</li> </ul>	<b>RECOMMENDED PROCEDURE:</b> <ol style="list-style-type: none"> <li>1. Place traffic control devices as needed.</li> <li>2. Cut high joint with mill or preheat with torch.</li> <li>3. and trim off excess material with motor grader or by hand.</li> <li>4. Using stringline or straightedge, check</li> <li>5. trimmed area. If necessary, repeat step 2 until desired template is obtained.</li> <li>6. Seal or flycoat surface to encourage a uniform appearance.</li> <li>7. Remove traffic control devices.</li> </ol>																																																	
<b>RECOMMENDED MATERIAL:</b> <ul style="list-style-type: none"> <li>• Sand or Cinders</li> <li>• Sealing material such as Pavon or Emulsified Asphalt</li> </ul>																																																		
<b>SAFETY:</b> Keep a watchful eye for traffic. Goggles should be worn in areas where heating is done. Wear all appropriate PPE. Refer to the Safety Policies, Rules & Regulations – Employee Handbook..																																																		
<b>OTHER CONSIDERATIONS:</b> A seal coat, cinder, or sand seal will protect affected areas and prevent raveling.																																																		
<b>REFERENCES:</b> Missouri Standard Specifications for Highway Construction Section 1015.																																																		

**R315 Crack & Joint Maintenance (B. Milling High Joints)**



(1) Roto Grader Milling a Pavement Joint



(2) Roto Grader Operation Continued



(3) A Completed Milled Pavement Joint