

<b>MAINTENANCE PLANNING GUIDELINES</b>		2006																																																
<p><b>ACTIVITY:</b> Roadway Shoulders (R225)</p> <p style="text-align: center;"><b>MAJOR &amp; MINOR</b></p>	<p><b>ACTION:</b> Fly Coating</p>																																																	
<p><b>DEFINITION:</b> The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones.</p>																																																		
<p><b>PURPOSE:</b> Prevent raveling or disintegration, and to provide waterproofing or existing sealed or bituminous shoulders and approaches.</p>																																																		
<p><b>SCHEDULING:</b> When temperature is above 55°F, humidity is low, and no rain is forecast.</p>	<table border="1" style="width: 100%; text-align: center;"> <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												
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<p><b>RECOMMENDED EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>• Distributor(s)</li> <li>• Dump Truck(s)</li> <li>• Traffic Control Equipment; (See <a href="#">EPG 616.23 Traffic Control for Field Operations</a>)</li> </ul>	<p><b>RECOMMENDED PROCEDURE:</b></p> <ol style="list-style-type: none"> <li>1. Consult with Materials Office and vendor for design and application rates.</li> <li>2. Place traffic control devices as required.</li> <li>3. Sweep the existing surface to clean and remove loose debris.</li> <li>4. Blot approaches and drives to prevent tracking.</li> <li>5. Allow mixture to completely cure.</li> <li>6. Remove traffic control devices, except “Fresh Oil” sign, and open to traffic.</li> <li>7. “Fresh Oil” signs should remain in place until surface is cured.</li> <li>8. Remove traffic control devices.</li> </ol>																																																	
<p><b>RECOMMENDED MATERIAL:</b></p> <ul style="list-style-type: none"> <li>• Liquid Emulsified Asphalt (SS-1, 1H or CSS-1, 1H)</li> <li>• Blot Material (sawdust, slag/cinder, or sand)</li> </ul>																																																		
<p><b>SAFETY:</b> On super-elevated shoulders, application rates should be reduced to prevent material from running across pavement. Wear all appropriate PPE. <a href="#">Refer to Safety Policies, Rules &amp; Regulations – Employee Handbook.</a></p>																																																		
<p><b>OTHER CONSIDERATIONS:</b> Contact asphalt supplier for recommended water to asphalt oil ratios.</p>																																																		
<p><b>REFERENCES:</b> Missouri Standard Specifications for Highway Construction; <a href="#">Sections 413.4; 1015</a></p>																																																		