

MAINTENANCE PLANNING GUIDELINES		2006																																																
<p>ACTIVITY: Roadway Shoulders (R225)</p> <p style="text-align: center;">MAJOR & MINOR</p>	<p>ACTION: Fly Coating</p>																																																	
<p>DEFINITION: The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones.</p>																																																		
<p>PURPOSE: Prevent raveling or disintegration, and to provide waterproofing or existing sealed or bituminous shoulders and approaches.</p>																																																		
<p>SCHEDULING: 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>RECOMMENDED EQUIPMENT:</p> <ul style="list-style-type: none"> • Distributor(s) • Dump Truck(s) • Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations) 	<p>RECOMMENDED PROCEDURE:</p> <ol style="list-style-type: none"> 1. Consult with Materials Office and vendor for design and application rates. 2. Place traffic control devices as required. 3. Sweep the existing surface to clean and remove loose debris. 4. Blot approaches and drives to prevent tracking. 5. Allow mixture to completely cure. 6. Remove traffic control devices, except “Fresh Oil” sign, and open to traffic. 7. “Fresh Oil” signs should remain in place until surface is cured. 8. Remove traffic control devices. 																																																	
<p>RECOMMENDED MATERIAL:</p> <ul style="list-style-type: none"> • Liquid Emulsified Asphalt (SS-1, 1H or CSS-1, 1H) • Blot Material (sawdust, slag/cinder, or sand) 																																																		
<p>SAFETY: On super-elevated shoulders, application rates should be reduced to prevent material from running across pavement. Wear all appropriate PPE. Refer to Safety Policies, Rules & Regulations – Employee Handbook.</p>																																																		
<p>OTHER CONSIDERATIONS: Contact asphalt supplier for recommended water to asphalt oil ratios.</p>																																																		
<p>REFERENCES: Missouri Standard Specifications for Highway Construction; Sections 413.4; 1015</p>																																																		