

MAINTENANCE PLANNING GUIDELINES												01/2014																																																	
<b>ACTIVITY:</b> Roadway Shoulders (R225) <b>MAJOR &amp; MINOR</b>						<b>ACTION:</b> Edge Ribbon																																																							
<b>DEFINITION:</b> The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones.																																																													
<b>PURPOSE:</b> Eliminate shoulder drop-off by restoring shoulder template on asphaltic or bituminous shoulders adjacent to pavement.																																																													
<b>SCHEDULING:</b> As needed when pavement surfaces are 50°F or above. Reference the Incident Response Plan for priorities.						<table><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>• Box Sled or Evenner</li><li>• Motor Grader or Tractor</li><li>• Distributor</li><li>• Roller</li><li>• Dump Truck(s)</li><li>• Broom</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. Contact Dig Rite and others to mark utilities.</li><li>2. Place traffic control devices as needed. Review guidance for use of “Fresh Oil” and “Loose Gravel” signs <a href="#">EPG 616.23.2.7.6</a> and pavement marking <a href="#">EPG 616.23.2.5.7</a>.</li><li>3. Broom edge area, if needed.</li><li>4. Tack area (maximum 24-in. wide).</li><li>5. Dump and spread mix with box sled or evenner.</li><li>6. Roll.</li><li>7. Maintain Rumble Strips in accordance with <a href="#">EPG 626</a>.</li><li>8. Remove traffic control devices.</li></ol>																																																							
<b>RECOMMENDED MATERIAL:</b> <ul style="list-style-type: none"><li>• Liquid Asphalt – Tack Grades</li><li>• Cold Mix</li><li>• Hot Mix</li></ul>																																																													
<b>SAFETY:</b> Clean any loose material from roadway surface before opening to traffic. Care should be taken to remove excess asphaltic material. Refer to the <a href="#">Comprehensive Safety Program sharepoint portal</a> . Wear all appropriate PPE. Refer to the <a href="#">Risk Based Assessment</a> for additional information.																																																													
<b>OTHER CONSIDERATIONS:</b> Care should be taken to maintain proper drainage by avoiding shoulder build-up above pavement surface. Use “Loose Gravel” and “Fresh Oil” signs, if needed.																																																													
<b>REFERENCES:</b> <a href="#">Missouri Standard Specifications for Highway Construction</a> ; Sections 401, 1004, 1015.																																																													