

MAINTENANCE PLANNING GUIDELINES		2006																																																
<p>ACTIVITY: Roadway Shoulders (R225) MAJOR & MINOR</p>	<p>ACTION: Edge Ribbon</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: Eliminate shoulder drop-off by restoring shoulder template on asphaltic or bituminous shoulders adjacent to pavement.</p>																																																		
<p>SCHEDULING: As needed when pavement surfaces are 50°F or above. Reference the Incident Response Plan for priorities.</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												
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																																							
<p>RECOMMENDED EQUIPMENT:</p> <ul style="list-style-type: none"> • Box Sled or Evener • Motor Grader or Tractor • Distributor • Roller • Dump Truck(s) • Broom • Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations) 	<p>RECOMMENDED PROCEDURE:</p> <ol style="list-style-type: none"> 1. Place traffic control devices as needed. 2. Broom edge area, if needed. 3. Tack area (maximum 24-in. wide). 4. Dump and spread mix with box sled or evener. 5. Roll. 6. Remove traffic control devices. 																																																	
<p>RECOMMENDED MATERIAL:</p> <ul style="list-style-type: none"> • Liquid Asphalt – Tack Grades • Cold Mix • Hot Mix 																																																		
<p>SAFETY: Clean any loose material from roadway surface before opening to traffic. Care should be taken to remove excess asphaltic material. Wear all appropriate PPE. Refer to Safety Policies, Rules & Regulations – Employee Handbook.</p>																																																		
<p>OTHER CONSIDERATIONS: 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.</p>																																																		
<p>REFERENCES: Missouri Standard Specifications for Highway Construction; Sections 401, 1004, 1015.</p>																																																		

*Missouri Department of Transportation
Maintenance Activity Planning Guidelines*



(1) Edge Ribbon – Tack Application



(2) Edge Ribbon – Front Blade and Sweeper



(3) Edge Ribbon – Blade and Sweeper



(4) Edge Ribbon – Striker Box



(5) Edge Ribbon – Striker Box