

MAINTENANCE PLANNING GUIDELINES												01/2014																																					
ACTIVITY: Roadway Shoulders (R225) MAJOR & MINOR						ACTION: Pothole Patching Asphalt & Partial Depth Concrete																																											
DEFINITION: The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones.																																																	
PURPOSE: To restore shoulder shape, stability, and appearance by the repair of asphalt or concrete.																																																	
SCHEDULING: 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></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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RECOMMENDED EQUIPMENT: <ul style="list-style-type: none">Asphalt DistributorVibratory Compactor or Hand Tamper, Small RollerInjection PatcherPavement SawRotomillDump Trucks or Thermolay TruckTraffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations)						RECOMMENDED PROCEDURE: <ol style="list-style-type: none">Contact Dig Rite and others to mark utilities.Place traffic control devices as required. Review guidance for use of “Fresh Oil” and “Loose Gravel” signs EPG 616.23.2.7.6 and pavement marking EPG 616.23.2.5.7.Square up area as necessary.Remove fractured/temporary material.Prime with appropriate material.Fill hole with material and compact in 2 inch layers. (Asphalt)Level patch with rake to ½ inch above pavement surface. (Asphalt)Finish patch to existing surface. (Concrete)Seal edges.Remove traffic control devices.																																											
RECOMMENDED MATERIAL: <ul style="list-style-type: none">Liquid Asphalt – Tack GradesCold MixHot MixConcrete																																																	
SAFETY: Care should be taken to remove excess asphaltic material. Refer to the Comprehensive Safety Program sharepoint portal . Wear all appropriate PPE. Refer to the Risk Based Assessment for additional information.																																																	
OTHER CONSIDERATIONS: Care should be taken to maintain proper drainage.																																																	
REFERENCES: Missouri Standard Specifications for Highway Construction ; Sections 401, 1004, 1015, 613.2.																																																	