## MAINTENANCE PLANNING GUIDELINES 01/2014 **ACTIVITY:** Roadway Shoulders **ACTION:** Blade Patching (R225) **MAJOR & MINOR 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 of large surface failures by blade or machine. J F Α s 0 Ν D **SCHEDULING:** As needed when pavement М Α Μ J J Α Е Α Ρ Α U U U Е С ο Е surfaces are 50°F or above. Reference the Incident R R Υ L G Р т v С Ν в Ν Response Plan for priorities. **RECOMMENDED EQUIPMENT: RECOMMENDED PROCEDURE:** Motor Grader or Pull Paver 1. Contact Dig Rite and others to mark utilities. 2. Place traffic control devices as needed. Review Asphalt Distributor ٠ guidance for use of "Fresh Oil" and "Loose Roller • Gravel" signs EPG 616.23.2.7.6 and pavement **Dump Trucks** • marking EPG 616.23.2.5.7. • Broom 3. Broom area, if needed. Traffic Control Equipment; 4. Tack area. (See EPG 616.23 Traffic 5. Spread material on tacked area. Control for Field Operations) 6. Roll patch. 7. If using hot mix, allow mix to cool before turning **RECOMMENDED MATERIAL:** over to traffic. • Liquid Asphalt – Tack Grades, 8. Blot intersections and approaches as necessary and Fly Coating Asphalt 9. Fly coat patches as necessary Cold Mix • 10. Maintain Rumble Strip in accordance with EPG Hot Mix • 626. **Blotting Material** 11. Remove traffic control devices. **SAFETY:** Flagger should warn motorists of fresh tack, fresh asphalt mix, moving equipment, windrow of materials, and where to drive. Care should be taken to remove excess asphaltic material. Refer to the Comprehensive Safety Program sharepoint portal. Wear all appropriate

PPE. Refer to the <u>*Risk Based Assessment*</u> for additional information. **OTHER CONSIDERATIONS:** Care should be taken to maintain proper drainage.

**REFERENCES:** <u>Missouri Standard Specifications for Highway Construction</u>; Sections 401, 1004, 1015.