

MAINTENANCE PLANNING GUIDELINES	2006
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ACTIVITY: Roadway Shoulders (R225) MAJOR & MINOR	ACTION: Repair Sod and/or Aggregate Shoulders & Approaches
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DEFINITION: The time and expenses incurred to expand installation and maintenance of asphalt concrete and aggregate roadway shoulder, approaches and clear zones. Includes cost for maintaining sod.

PURPOSE: To remove ruts, low areas, and high spots on sod and aggregate shoulders.

SCHEDULING: As needed throughout the year.	<table border="1" style="margin: auto; border-collapse: collapse;"> <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 style="background-color: black; height: 10px;"> <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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RECOMMENDED EQUIPMENT: <ul style="list-style-type: none"> • Motor Graders • Dump Truck • Roller • Pull Broom • Shouldering Machine Attachment • Distributor • Disc • Tractor w/Pull Blade • Grademaster • Broadcast Spreader • Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations) 	RECOMMENDED PROCEDURE: <ol style="list-style-type: none"> 1. Place traffic control devices as needed. 2. Blade or disc shoulder, or blade approach. 3. Shoot liquid asphalt, if needed. 4. Place material, if needed. 5. Roll. 6. Repeat as necessary to obtain desired height. 7. Broom as needed; clean up work zone. 8. Reseed sod shoulders. 9. Remove traffic control devices.
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RECOMMENDED MATERIAL: <ul style="list-style-type: none"> • Aggregate • Cold Mix • Liquid Asphalt • Rotomillings • Seed 	
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SAFETY: Exercise caution when rolling near shoulder edge. Refer to [Safety Policies, Rules & Regulations – Employee Handbook](#).

OTHER CONSIDERATIONS: Commercial approaches are maintained to normal shoulder line or 10 feet whichever is less. Side road and private approaches are maintained to normal R/W line.

REFERENCES: Missouri Standard Specifications for Highway Construction; Sections [1006](#); [805](#).

R225 – Roadway Shoulders (Repair Sod and/or Aggregate Shoulders)



(1) Pulling Shoulders with a Grademaster



(2) Undercarriage to Grademaster



(3) Sweeping Shoulder after Operation



(4) Shoulder Reclamation



(5) Shoulder Reclamation



(6) Shoulder Reclamation - Final Product