MAINTENANCE PLANNING GUIDELINES

2/2014

ACTIVITY: Drainage (R316)

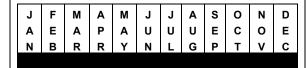
ACTION: Slide Repair

MAJOR & MINOR

DEFINITION: The time and expenses incurred for the installation, repair and maintenance of roadway drainage ditches, structures, and all slide repairs. This includes installing and maintaining pavement drainage systems.

PURPOSE: To repair slides and to stabilize slopes.

SCHEDULING: As needed.



RECOMMENDED EQUIPMENT:

- Dozer
- Backhoe
- Loader
- Trucks
- Excavator
- Dragline
- Traffic Control Equipment;
 (See EPG 616.23 Traffic Control for Field Operations)

RECOMMENDED MATERIAL:

- Roadway Materials, as necessary as recommended by Construction/Materials Functional Unit
- Slope Pins

RECOMMENDED PROCEDURE

- 1. Contact Dig Rite and others to mark utilities.
- 2. Place traffic control devices as needed.
- 3. Remove loose and unstable material.
- 4. Replace with recommended materials.
- 5. Install erosion control devices as necessary
- 6. Clean work area.
- 7. Seed and mulch as necessary.
- 8. Remove traffic control devices.

SAFETY: Use caution when operating equipment on steep slopes. Refer to the <u>Comprehensive</u> <u>Safety Program sharepoint portal</u>. Wear all appropriate PPE. Refer to the <u>Risk Based</u> <u>Assessment</u> for additional information.

OTHER CONSIDERATIONS: May need to obtain Corps of Engineers permit if a stream or channel is below slide area.

REFERENCES: Missouri Standard Specifications for Highway Construction Sections; 802, 803, 805, 806. Missouri Standard Plans 806.10.