

**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.

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

**RECOMMENDED EQUIPMENT:**

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

**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.

**RECOMMENDED MATERIAL:**

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

**SAFETY:** Use caution when operating equipment on steep slopes. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) 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](#).