

MAINTENANCE PLANNING GUIDELINES

2/2014

ACTIVITY: Drainage (R316)

ACTION: Clean & Reshape Ditches
B. Paved Ditches

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 fill voids and realign settled sections of paved ditch.

SCHEDULING: As needed when the temperature is above freezing.

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:

- Dump Trucks
- Water Truck
- Mudjack
- Air Compressor
- Pavement Drill
- 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. Wet paved ditch.
4. Pump and plug predrilled holes. Begin pumping at low end of section.
5. Clean work area and equipment.
6. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Water
- Portland Cement
- Agricultural Lime

SAFETY: Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

OTHER CONSIDERATIONS: Production can be increased by drilling in advance.

REFERENCES: Missouri Standard Specifications for Highway Construction Section; [609.10](#).