### MAINTENANCE PLANNING GUIDELINES

2/2014

**ACTIVITY:** Drainage (R316)

**ACTION:** Clean & Reshape Ditches

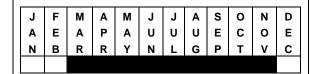
B. Paved Ditches

#### **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.



### **RECOMMENDED EQUIPMENT:**

- Dump Trucks
- Water Truck
- Mudjack
- Air Compressor
- Pavement Drill
- Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations)

# RECOMMENDED MATERIAL:

- Water
- Portland Cement
- Agricultural Lime

## **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.

**SAFETY:** 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:** Production can be increased by drilling in advance.

**REFERENCES:** Missouri Standard Specifications for Highway Construction Section; 609.10.