MAINTENANCE PLANNING GUIDELINES

2006

ACTIVITY: Drainage (R316)

ACTION: Clean & Reshape Ditches

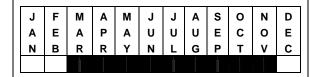
B. Paved Ditches

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. Call Dig Rite and check for MoDOT 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: Call before you dig to locate utilities (**1-800-DIG-RITE**). Watch for traffic when operating equipment on the roadway. Wear all appropriate PPE. Refer to the Safety Policies, Rules & Regulations – Employee Handbook.

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

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