MAINTENANCE PLANNING GUIDELINES

2006

ACTIVITY: Drainage (R316)

ACTION: Repair Curbing

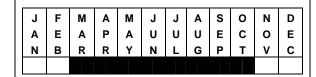
C. Drop Inlets & Storm Sewers

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 restore drainage by repairing inlet grates, broken inlets, and storm sewers.

SCHEDULING: Loose inlet grates should be scheduled as soon as detected. Other repairs as needed when the air and ground temperatures are above 45°F.



RECOMMENDED EQUIPMENT:

- Truck
- Water Tank
- Compressor/Breaker
- Concrete Saw
- Traffic Control Equipment; (See EPG 616.23 Traffic Control for Field Operations).

RECOMMENDED PROCEDURE:

- 1. Place traffic control devices as needed.
- 2. Remove damaged material, form, and reset anchors.
- 3. Pour concrete, cure, and remove forms.
- 4. Replace grate.
- 5. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Anchor Bolts
- Concrete
- Form Material
- Water

SAFETY: Be careful when working near traffic. Wear all appropriate PPE. Refer to the Safety Policies, Rules & Regulations – Employee Handbook..

OTHER CONSIDERATIONS: N/A

REFERENCES: Missouri Standard Specifications for Highway Construction Section; 614.10. Missouri Standard Plans 614.10, 713.10