

MAINTENANCE PLANNING GUIDELINES

2/2014

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.

J	F	M	A	M	J	J	A	S	O	N	D
A	E	A	P	A	U	U	A	E	C	O	E
N	B	R	R	Y	N	L	G	P	T	V	C

RECOMMENDED EQUIPMENT:

- Truck
- Water Tank
- Compressor/Breaker
- Concrete Saw
- 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. Install trenching and shoring if needed.
4. Remove damaged material, form, and reset anchors.
5. Pour concrete, cure, and remove forms.
6. Replace grate.
7. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Anchor Bolts
- Concrete
- Form Material
- Water

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

OTHER CONSIDERATIONS: N/A

REFERENCES: Missouri Standard Specifications for Highway Construction Section; [614.10](#). Missouri Standard Plans [614.10](#), [713.10](#)