

MAINTENANCE PLANNING GUIDELINES

01/2014

ACTIVITY: Roadway & Bridge Safety Features (R227)

ACTION: Traffic Barriers (Concrete)
A. Replacement

MAJOR & MINOR

DEFINITION: The time and expenses incurred for installing and maintaining concrete traffic barriers along the roadway.

PURPOSE: The replacement of damaged and/or displaced concrete traffic barrier sections.

SCHEDULING: Replace the first possible normal working day.

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:

- Boom Truck and/or Loader
- Dump Truck or Flatbed Truck
- Air Compressor/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. Remove damaged sections and straighten, remove, or cut off dowel bars.
4. Place new barrier and secure by either cable or pins.
5. Clean area and load debris.
6. Remove traffic control devices.

RECOMMENDED MATERIAL:

- 10-ft. Precast Barrier Sections

SAFETY: Care should be used in handling the heavy barrier sections. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

OTHER CONSIDERATIONS:

REFERENCES: Missouri Standard Specifications for Highway Construction; Section [617](#)