MAINTENANCE PLANNING GUIDELINES

2006

ACTIVITY: Roadway & Bridge Safety Features (R227)

ACTION: Traffic Barriers (Concrete)

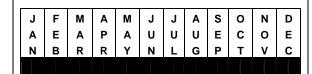
A. Replacement

MAJOR & MINOR

DEFINITION: The time and expenses incurred for installing and maintaining fences along the roadway, guardrails and end treatments, guard cable, impact attenuator devices for roadside obstacles; and all cost to maintain concrete traffic barriers, sidewalks and bicycle paths and raised pavement markers.

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

SCHEDULING: Replace the first possible normal working day.



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. Place traffic control devices as needed.
- 2. Remove damaged sections and straighten, remove, or cut off dowel bars.
- 3. Place new barrier and secure by either cable or pins.
- 4. Clean area and load debris.
- 5. Remove traffic control devices.

RECOMMENDED MATERIAL:

• 10-ft. Precast Barrier Sections

SAFETY: Care should be used in handling the heavy barrier sections. Wear all appropriate PPE. Refer to Safety Policies, Rules & Regulations-Employee Handbook.

OTHER CONSIDERATIONS:

REFERENCES: Missouri Standard Specifications for Highway Construction; Section 617