

MAINTENANCE PLANNING GUIDELINES

01/2014

ACTIVITY: Roadway & Bridge Safety Features (R227)

ACTION: Impact Attenuator Devices

MAJOR & MINOR

DEFINITION: The time and expenses incurred for installing and maintaining impact attenuator devices along the roadway for roadside obstacles.

PURPOSE: The maintenance of impact attenuator devices.

SCHEDULING: Repair the next normal working day during warm weather, and the first day snow and ice can be removed from the site during the winter.

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:

- Protective Truck
- Truck
- Trailer, if needed
- Loader
- Replacement Attenuator Device
- 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.
4. Repair or replace damaged components.
5. Remove traffic control devices.

RECOMMENDED MATERIAL:

- Sand
- Cartridges

SAFETY: Most devices are at critical traffic flow areas. All crew members should remain alert to passing vehicles and stay within the protected area. Refer to the [Comprehensive Safety Program sharepoint portal](#). Wear all appropriate PPE. Refer to the [Risk Based Assessment](#) for additional information.

OTHER CONSIDERATIONS: Check parts list of the specific attenuator for required parts.

REFERENCES: Missouri Standard Specifications for Highway Construction; Section [612](#)