

EXPECTED IMPLEMENTATION JANUARY 2011

544 CRASH CUSHIONS. (REV 6-17-10) (8-12-10) (1-11)

SECTION 544 (Pages 678 – 679) is deleted and the following substituted:

SECTION 544 CRASH CUSHIONS

544-1 Description.

Install redirective and non-redirective crash cushions (of the sizes and types designated in the plans. Redirective crash cushions are safety devices with capabilities to redirect the impacting vehicle over the full length of the device. Non-redirective crash cushions allow controlled penetration of the impacting vehicle over the full length of the device.

544-2 Qualified Products List (QPL).

Use crash cushions listed on the QPL. Manufacturers seeking evaluation of their crash cushions shall furnish certified test reports showing that their products meet all test requirements of NCHRP 350 or the Manual for Assessing Safety Hardware 2009 (MASH).

544-3 Construction.

Handle and install manufactured materials or articles in accordance with the manufacturer's instructions and the Design Standards.

Use attenuators delineated with a Type I Object Marker specified in Section 705 or sheeting in accordance with 990-2.

Perform repairs necessary due to defective material, work, or operations without additional cost to the Department.

Restore the attenuator damaged by the traveling public after the installation is completed, accepted and serving its intended purpose on an open section of bridge or roadway within 24 hours.

544-4 Compensation.

Price and payment will be full compensation for the complete system or module in place and accepted, including object marker or sheeting, and restoration of damaged attenuators.

Relocation of an existing attenuator system to a permanent location called for in the plans shall be paid for at the Contract unit price for relocating existing systems. Price and payment will be full compensation for relocating and reinstalling the system in accordance with the manufacturer's instructions and the Design Standards.

Payment will be made under:

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| Item No. 544- 74- | Relocate Crash Cushion, - each. |
| Item No. 544- 75- | Crash Cushion - each. |