

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

Modify Specification _____544_____.
Section/File number

New Section _____.
Section number

Subject: Vehicular Impact Attenuator - Compensation

Origination date: November 8, 2006

Originator: Cheryl Adams

Office/Phone: Roadway Design - Criteria and Standards Section/ 850-414-4327

Email address/ Cheryl.adams@dot.state.fl.us

Userid:

Problem statement: Clarified Language on cost to repair attenuators.

Information source: Discussed at the Maintenance of Traffic Committee Meetings and
Reviewed at FTBA/MOT meeting.

Background data:

**Recommended
Usage Note:**

**Estimated fiscal
impact, if
implemented:**

**Implementation of these changes, if and when approved, will begin with the July
2007 letting.**



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

MEMORANDUM

DATE: December 22, 2006
TO: Specification Review Distribution List
FROM: Duane F. Brautigam, P.E., State Specifications Engineer
SUBJECT: Proposed Specifications Change: **5440000**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed new specification change for Vehicular Impact Attenuators.

This change was proposed by Cheryl Adams of the Roadway Design Office to clarify the language on the cost to repair attenuators.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after January 20, 2007 may not be considered. Your input is encouraged.

DFB/dr

Attachment

COMMENTS:

Submitted by:

Phone #:

VEHICULAR IMPACT ATTENUATORS.

(REV 12-13-06)

SECTION 544 (Pages 613 and 614) is deleted and the following substituted:

SECTION 544 VEHICULAR IMPACT ATTENUATORS

544-1 Description.

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

544-2 Qualified Products List.

Use Vehicle Impact Attenuators listed on the QPL. Manufacturers seeking evaluation of their VIAs shall furnish certified test reports showing that their products meet all test requirements of NCHRP 350.

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.

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. *Payment for restoring damaged attenuators will be at the manufacturer's/distributor's invoice price for the new materials or parts plus 20% markup. The 20% markup is compensation for all necessary work, including but not limited to labor, equipment, supplies and profit, as authorized by the Engineer.* ~~Restoration of the attenuator will be paid for at the invoice price plus 20%, for the new parts authorized by the Engineer. Payment for restoration will be full compensation for all necessary work and materials.~~

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:

- | | |
|-------------------|--|
| Item No. 544- 74- | Vehicular Impact Attenuator, Relocate Existing - each. |
| Item No. 544- 75- | Vehicular Impact Attenuator - each. |
| Item No. 544- 76- | Attenuator Module (Sand Filled) - each. |