

PROPRIETARY ITEM – FINDING IN THE PUBLIC INTEREST (FIPI)

INSTRUCTIONS;

A specific patented or proprietary material, specification, or process shall not be required on a contract except as permitted in Section 8.16 of the Project Development Manual (PDM). Use this form to obtain approval of the use of a proprietary feature on a project or group of projects.

PROPRIETARY ITEM OR PROCESS:

Name of proprietary item or process:

Smart Cushion Impact Attenuator, (SCI)

QuadGuard Elite and QuadGuard LMC

Manufacturer name, address & phone No.:

Smart Cushion Industries, Inc.
2500 Production Dr.
St. Charles, IL 60174
800-327-4417

Energy Absorption Systems, inc.
One East Wacker Drive
Chicago, IL 60601

NEED FOR PROPRIETARY ITEM:

Check only one	LOCATION
<input type="checkbox"/> Project Specific	Provide Project No., Project Code, and Location:
<input type="checkbox"/> Corridor Specific	Provide Corridor Description:
<input type="checkbox"/> Region-wide	Identify CDOT Region:
<input checked="" type="checkbox"/> Statewide	
For a corridor, region-wide, or statewide request, a finding in the public interest will have a term of: (Check only one)	
<input checked="" type="checkbox"/> 3 Years (maximum allowable)	Specify dates of term: Apr. 16, 2010 to Apr. 16, 2013
<input type="checkbox"/> Other (specify term)	Specify dates of term:

CERTIFICATION

I hereby certify that it is in the public interest to specify the above named proprietary item or process for the following reasons: (Check all that apply)

- It is essential for synchronization.
- No equally suitable alternative exists.
- It will be used for research or experimental purposes on short sections of road. (Such use must be processed through the Research Branch of DTD. Attach documentation from DTD.)


JUSTIFICATION (required). Justification consists of information that documents the reasons marked above for use of the proprietary item or process. For research or experimentation include a work plan that describes how the research or experimental feature will be used and evaluated. Attach additional pages and documentation as necessary.

CDOT developed a criteria for usage of low maintenance impact attenuators for projects bid beginning on March 26, 2009. This FIPI revises a previous one issued on Dec. 27, 2009 to allow for use of additional proprietary impact attenuators.

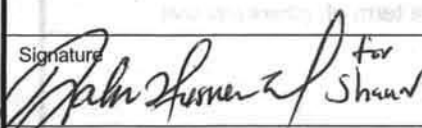
CDOT requests use of the Smart Cushion, QuadGuard Elite and QuadGuard LMC for permanent locations where use of low maintenance attenuators is warranted based high traffic counts and accident history. Due to increasing traffic volumes, short repair times are in best interest the motoring public and CDOT repair workers. Lower repair costs allow CDOT to perform more repairs within current budget constraints. CDOT will continue to investigate attenuators from other suppliers to determine if they can meet required performance as a low maintenance category device.

CDOT requests usage of these proprietary Impact Attenuators for low maintenance permanent installations at locations anticipated to received multiple hits.

APPLICANT SIGNATURE

Name	Title (CDOT Project Engineer, Branch Manager, or Program Engineer as appropriate; see flowchart in section 8.16 of the PDM);	Signature
Tim B. Aschenbrener	Project Development Branch	

APPROVAL SIGNATURES:

Signature	CDOT Resident Engineer (Required on project specific or corridor FIPIs)	Date
Signature	CDOT Research Engineer (Required for research and experimentation FIPIs)	Date
	FHWA Operations Engineer (Required for all region-wide and statewide FIPIs and FHWA oversight project level FIPIs)	Date 5/12/10
Signature	Other (specify)	Date

COPIES OF APPROVED FORM TO (as appropriate):

CDOT Project Engineer:	CDOT Resident Engineer:
CDOT Program Engineer: Tim Aschenbrener ✓	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, with draft of any required specification change): Larry Brinck ✓	FHWA Operations Engineer: