

**JUSTIFICATION**

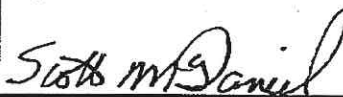
I hereby certify that it is in the public interest to specify the above named proprietary item or process for the following reasons: (Check all that apply)

- It is essential for synchronization.(Certification only)
- No equally suitable alternative exists.(Certification only)
- 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.) (FIPI only)
- It is in the public interest not to allow any other products even though other equally acceptable materials or products are available. (FIPI only)

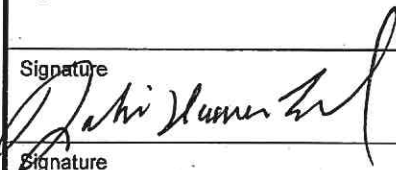
**JUSTIFICATION (required).** Justification consists of information that documents the reasons marked above for use of the proprietary item or process. For research or experimentation include a work plan that describes how the research or experimental feature will be used and evaluated. Attach additional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

Use of these specific components is desirable to standardize NCHRP 350 approved W-Beam guardrail safety end treatments statewide and aid CDOT Maintenance in ordering and stocking replacement components.


**APPLICANT SIGNATURE**

Name	Title (CDOT Resident Engineer, Program Engineer, or Branch Manager, as appropriate; see flowchart in section 2.24 of the PDM):	Signature	Date
Scott McDaniel	Director of Project Support		10-23-14

**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 10/20/14
Signature	CDOT Stds.&Specs. Engr. (Required for all proj.specific, corridor, region-wide &statewide Certifications)	Date

**COPIES OF APPROVED FORM TO (as appropriate):**

CDOT Project Engineer	CDOT Resident Engineer:
CDOT Program Engineer:	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, FIPI with draft of any required specification change):	CDOT Branch Manager
FHWA Operations Engineer:	

**COLORADO DEPARTMENT OF TRANSPORTATION  
 PROPRIETARY ITEM – CERTIFICATIONS OR FINDING IN THE PUBLIC  
 INTEREST (FIPI)**

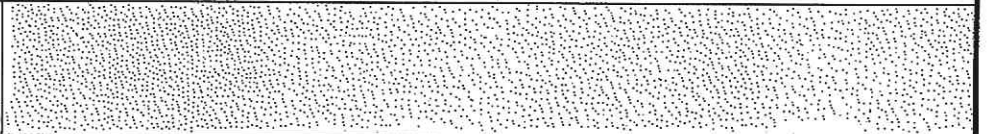
**INSTRUCTIONS;**

A specific patented or proprietary material, specification, or process shall not be required on a contract except as permitted in Section 2.24 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:**

<p>Name of proprietary item or process:</p> <p>Guardrail Type 3 W-Beam End Terminals and Median Terminals. These end terminals including the X-Lite, manufactured by Barrier Systems; the SRT-350, manufactured by Trinity Highway; and, the FLEAT-350, and SKT-350 manufactured by Road Systems. The median end terminals include the CAT 350 manufactured by Trinity Highway; the Brakemaster manufactured by Energy Absorption Systems, Inc.; and, the FLEAT-MT manufactured by Road Systems, Inc. The usage of the products is shown in the CDOT Standard Plan M-606-1, Guardrail Type 3 W Beam.</p>	<p>Manufacturer name, address &amp; phone No.:</p> <table border="0"> <tr> <td data-bbox="747 567 1104 693">           Trinity Highway Products, LLC            2525 Stemmons Freeway            Dallas, TX 75207            1-800-644-7976         </td> <td data-bbox="1104 567 1521 693">           Lindsay Transp. Solns./            Barrier Systems, Inc            2222 North 111th Street            Omaha, Nebraska 68164            1-800-829-5300         </td> </tr> <tr> <td data-bbox="747 714 1104 840">           Road Systems, Inc.            3616 Old Howard Cnty. Airprt.            Big Spring, Texas 79720            (432) 263-2435         </td> <td data-bbox="1104 714 1521 840">           Energy Absorption Systems, Inc.            70 W Madison Street, Ste 2350            Chicago, IL 60602            (312) 467-6750         </td> </tr> </table>	Trinity Highway Products, LLC 2525 Stemmons Freeway Dallas, TX 75207 1-800-644-7976	Lindsay Transp. Solns./ Barrier Systems, Inc 2222 North 111th Street Omaha, Nebraska 68164 1-800-829-5300	Road Systems, Inc. 3616 Old Howard Cnty. Airprt. Big Spring, Texas 79720 (432) 263-2435	Energy Absorption Systems, Inc. 70 W Madison Street, Ste 2350 Chicago, IL 60602 (312) 467-6750
Trinity Highway Products, LLC 2525 Stemmons Freeway Dallas, TX 75207 1-800-644-7976	Lindsay Transp. Solns./ Barrier Systems, Inc 2222 North 111th Street Omaha, Nebraska 68164 1-800-829-5300				
Road Systems, Inc. 3616 Old Howard Cnty. Airprt. Big Spring, Texas 79720 (432) 263-2435	Energy Absorption Systems, Inc. 70 W Madison Street, Ste 2350 Chicago, IL 60602 (312) 467-6750				

**NEED FOR PROPRIETARY ITEM:**

Check only one	LOCATION
<input type="checkbox"/> Project Specific (if FHWA has no interest then RE approval otherwise requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Provide Project No., Project Code, and Location:
<input type="checkbox"/> Corridor Specific (if FHWA has no interest then RE approval otherwise requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Provide Corridor Description:
<input type="checkbox"/> Region-wide (Progrm Engr approval and requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	Identify CDOT Region:
<input checked="" type="checkbox"/> Statewide (Branch Mgr approval and requires FHWA approval) – FIPI or (Stds & Specs Engr approves) - Certification	

For a corridor, region-wide, or statewide request, a Certification or FIPI will have a term of: (Check only one)

<input checked="" type="checkbox"/> 3 Years (maximum allowable)	Specify dates of term:  October 23, 2014 to October 22, 2017
<input type="checkbox"/> Other (specify term)	Specify dates of term: