

**COLORADO DEPARTMENT OF TRANSPORTATION  
 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:  RoadQuake Temporary Portable Rumble Strip	Manufacturer name, address & phone No.:  Benjamin Gascoigne Plastic Safety Systems, Inc. 2444 Baldwin Road Cleveland, OH 44104 (800) 662-6338
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**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:  April 25, 2014 to April 24, 2017
<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.)

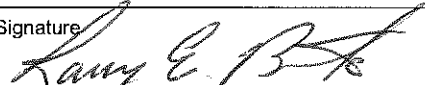
**JUSTIFICATION (required).** Justification consists of information that documents the reasons marked above for use of the proprietary item or process. For research or experimentation include a work plan that describes how the research or experimental feature will be used and evaluated. Attach additional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

RoadQuake is a temporary rumble strip for use in work zones where daily installation and removal is required, and slowing down traffic to a safe work zone speed is needed. Motorists are alerted to changing road conditions by RoadQuake and are forced to slow down, similar to the slowing down caused by crossing a permanent rumble strip. Each strip weighs 110lbs., is made of engineered polymers, and is placed on the roadway surface without fasteners or adhesives. RoadQuake can be installed and removed in minutes and would reduce installation and removal costs compared to other solutions. CDOT is submitting a statewide "Finding in the Public Interest" to allow this Plastic Safety Systems product to appear on highways upstream of work zone areas, statewide. Please consider this form by CDOT because no similar alternative application exists. We find that the public's interest would be best served by specifying this product until other equivalent components are available. We request your approval in this finding, as required by 23 CFR 635.411.

**APPLICANT SIGNATURE**

Name  Charles Meyer	Title (CDOT Project Engineer, Branch Manager, or Program Engineer as appropriate; see flowchart in section 8.16 of the PDM):  Branch Manager	Signature 
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**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
Signature <i>N/A</i>	FHWA Operations Engineer (Required for all region-wide and statewide FIPIs and FHWA oversight project level FIPIs)	Date
Signature 	Other (specify) <i>CDOT Stds &amp; Specs Engineer (Required for all project specific, region-wide and statewide)</i>	Date <i>8-1-14</i>

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

CDOT Project Engineer:	CDOT Resident Engineer: K.C. Matthews
CDOT Program Engineer: Charles Meyer	CDOT Research Engineer:
CDOT Standards and Specifications Engineer (all, with draft of any required specification change): Larry Brinck	FHWA Operations Engineer: Dahir Egal