

**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>Worm gear winch and gate arm for the Standard Plan M-607-15, Road Closure Gate. The wench is manufactured by Dutton-Lainson. The gate arm is manufactured by Safetran Systems and B&amp;B Roadway.</p>	<p>Manufacturer name, address &amp; phone No.:</p> <p>Dutton Lainson Co. 1601 W. 2<sup>nd</sup> Street Hastings, NE 68901 402-462-4141</p> <p>Safetran Systems. 2400 Nelson Miller Parkway Louisville, KY 40223 (502) 618-8500</p> <p>B &amp; B Roadway 15191 Hwy 243 Russellville, AL 35654 888-560-2060</p>
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**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 1, 2014 to September 30, 2017
<input type="checkbox"/> Other (specify term)	Specify dates of term:

**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.


The Dutton Lainson worm gear winch has been used successfully at multiple road closure gates for lowering and raising the gate arm. Use of this winch is desirable due to product reliability and to standardization of the winch type for maintenance purposes.

The gate arms available from Safetran Systems and B&B Roadway are currently being allowed for CDOT road closure gates. These are the only known manufacturers at this time.

**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
Ryan Sorensen	Acting Project Development Branch Manager		09/25/2014

**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	FHWA Operations Engineer (Required for all region-wide and statewide FIPIs and FHWA oversight project level FIPIs)	Date
	CDOT Stds.&Specs. Engr. (Required for all proj.specific, corridor, region-wide &statewide Certifications)	9-26-14

**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): Larry Brinck	CDOT Branch Manager
FHWA Operations Engineer:	