

COLORADO DEPARTMENT OF TRANSPORTATION

PROPRIETARY ITEM – CERTIFICATIONS OR FINDING IN THE PUBLIC INTEREST (FIPI)

PROPRIETARY ITEM OR PROCESS:

Name of proprietary item or process: <p style="color: blue;">Mageba expansion joint for bridges</p>	Manufacturer name, address & phone No.: <p style="color: blue;">Mageba USA 900 E Hamilton Ave, Ste 100 Campbell, CA 95008 408-886-4637</p>
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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)

<input type="checkbox"/> It is essential for synchronization.(Certification only)	<input checked="" type="checkbox"/> No equally suitable alternative exists (Certification only)
<input type="checkbox"/> It will be used for research or experimental purposes on short sections of road.	<input type="checkbox"/> It is in the public interest not to allow any other products even though other equally acceptable materials or products are available.

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.

This is the only non-asphaltic plug joint that can be designed for bridge movements >2". This product was tested in Region 3 Vail Pass bridge in 2018. The product is working good after 2 winters. No visual rutting from chains is observed. This joint doesn't have any metal objects that interferes with snow plows. The product meets buy America requirements. The steel angles used in the joint are manufactured in a plant in Pottstown, PA.

NEED FOR PROPRIETARY ITEM (Check only one):	Project Specific <input checked="" type="checkbox"/>	Region-Wide <input type="checkbox"/>	Statewide <input type="checkbox"/>
	Approved by the Resident Engineer	Approved by the Program Engineer and FHWA	Approved by the Branch Manager and FHWA

APPROVED BY:

Name	Title (CDOT Resident Engineer, Program Engineer, or Branch Manager)	Signature	Date
Peter Lombardi	Resident Engineer		

COPIES OF FORM TO (as appropriate):

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