

**Pre-Approved Product Evaluation Request & Summary****4482-24**

Product Evaluation Coordinator Colorado  
Department of Transportation 4670 North Holly  
Street, Unit A Denver, Colorado 80216

Material Code

**614.07.02.00**

CDOT Use Only

Material Code description full name

**Impact Attenuator**

CDOT Use Only

**Part 1**

Product Name:

**Tau-M**

Product category:

**Roadway Safety\Crash Cushion\Impact Attenuator, Standard Perm.**

Product Representative / Distributer (name &amp; address):

**Larry Savage**

Manufacturer (name &amp; address):

**Sean Brockhouse**

Lindsay Corporation  
18135 Burke Street, Suite 100  
Omaha, NE, 68022

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Phone: **(916) 474-9644** E-mail: **larry.savage@lindsay.com**Phone: **(402) 973-0414** E-mail: **sean.brockhouse@lindsay.com**Web-site address: **www.lindsay.com**Web-site address: **www.lindsay.com****Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

The TAU-M is a redirective, non-gating crash cushion tested and evaluated to MASH TL-3 & TL-2. The TAU-M system is comprised of compression based EACs, two cables, a front cable anchor, a backstop, four end panel mounts, middle support assemblies (mid-supports), cable guides, a Front Support, a Front Support leg kit, Slider Panels, two end panels, Slider Kits, Slider Shims, a tether kit, four tow hooks, and a delineation bracket. The system has a height of 32-5/8" and a width of 34-1/2". The TAU-M varies in system length for each MASH test level by the number of bays. TL-3 measures approximately 287" (7 Bays) in length and TL-2 measures approximately 185" (4 Bays) in length.

**Restrictions, (installation and/or use):****The TAU-M is not suitable for installation on dirt.****Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

TAU-M is designed to protect the ends of longitudinal barriers & other roadside hazards in locations where a redirective non-gating system is required. TAU-M is a standalone system and can protect hazards up to 30 inches in width. TAU-M is also available as a kit for users who have existing TAU-II components or systems and would like to upgrade those HCHRP 350 systems to the MASH compliant system. A Impacted systems are easily repaired principally due to highly reusable system components and easy to replace energy absorbing cartridges. System foundation options accommodate concrete, asphalt or a pre-assembled concrete pad. Asphalt application is MASH tested and approved.

**Specifications:** (listing those applicable is required)

- ☒ CDOT : **614.07**  
☒ ASTM : **A36; A123; A572-50; A1011**  
☐ AASHTO :  
☒ FHWA : **MASH 2016 TL-3, MASH TL-2**  
☒ other : **MUTCD 6F.86, 2009**  
☐ Certificate of Compliance (COC) provided ☒ Certificate of Verification (COV) provided for select categories

**Product Testing:** (National/independent laboratories or universities with Report Date.) **Certified Test Report (CTR)** provided to validate all claims.

- ☐ AASHTO-PEAS (NTPEP) :  
☒ FHWA : **TL-3: HSST-1/CC-147 11/7/2018 • TL-2: HSST-1/CC-146 10/15/2018**  
☐ other :  
☐ other :  
☐ other :

State DOT Approvals:

**Expiration Date 5 Years** CDOT use **06/25/2029**Sample Submitted ☐ Yes ☒ No ☐ N/A Safety Data Sheets (SDS): ☐ Yes ☐ No ☒ N/AAlternate Product Category **Traffic Control\Crash Cushion, Temporary\Impact Attenuator (Temp-Constr.)**

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature:

Approved for MASH TL-2 and MASH TL-3 applications. TAU-M installation manual must be made available and followed to the person (s) overseeing and/or assembling the crash cushion system at all times. Appropriate for hazards less than or equal to 30" in width.

**David L. Kosmiski**  
Digitally signed by  
David L. Kosmiski  
Date: 2024.06.25  
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