

COLORADO DEPARTMENT OF TRANSPORTATION
PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No.
5696-24 CDOT USE ONLY

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: SmartPod Crash Cushion	Product category: Roadway Safety\Crash Cushion\, Standard, Permanent
Product Representative (name & address): Attn: Kirk Evans Roadsafe Traffic Systems 7909 S. Chambers Rd. Englewood, CO. 80112 Phone: (303) 467-2162 E-mail:	Manufacturer (name & address): Attn: Cecil Brown Hill and Smith 987 Buckeye Park Road Columbus, OH 43207 Phone: (614) 340-6296 E-mail: cecil.brown@hillandsmith.com
Web-site address: www.roadsafetraffic.com	Web-site address: www.hillandsmith.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
 The SmartPod is a reuseable cartridge based, fully redirective, non-gating crash cushion used for permanent and temporary applications.

 The SmartPod crash cushion is composed of a steel skid frame with rails that run the length of the barrier. The steel Bulkhead Frames support the steel side panels that contain the energy absorbing cartridges (PODS). The pods consist of a plastic outer shell that contains the energy absorbing material. The robust architecture (rails and side panels) will result in less parts replacement and ease of repairs. This will reduce the exposure to crews performing field repairs, parts inventory and reduced maintenance costs.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
 The SmartPod is delivered fully assembled on a robust skid frame that can be easily positioned for installation. There is no field assembly needed and the anchoring locations are easy to access.

 No special tools or equipment is needed to install, repair or maintain the SmartPod.

Specifications: (listing those applicable is required)
 CDOT : **614.07**
 ASTM :
 AASHTO: **MASH 16**
 FHWA :
 other :

Certificate of Compliance (COC) provided Certificate of Verification (COV) provided for select categories ONLY

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report** (CTR) provided to validate all claims.
 NTPEP-AASHTO:
 FHWA : **FHWA Eligibility Letter CC-177**
 other : **ASHTO MASH 16**
 other :
 other :

State DOT Approvals, (current documentation required): **Expiration Date** **5 years / 06/05/2029**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:

CDOT Product RESTRICTIONS by CDOT Evaluator:
 May be used for locations appropriate for MASH TL-3 applications. For permanent and temporary work zone locations.
 Installation of SMARTPOD shall be carried out fully in accordance with the Installation, Maintenance and Design manual.

Evaluators Signature:
David L. Kosmiski
Digitally signed by David L. Kosmiski
 Date: 2024.06.05 12:13:48 -06'00'