COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3524-12

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

Material code: 612.02.02.00

FOR INTERNAL CDOT USE

Material code description full name: Delineator, Flexible Post

PART 1

Product name: IRS Delineator Post	Product category: Traffic Control\Delineator\Flexible, Multiple Hit Post
Product representative (name & address): Attn: Amanda Kingery, Impact Recovery Systems, 4955 Stout Drive, San Antonio, TX 78219. Phone: (210) 736-4477 FAX: (210) 734-6448	Manufacturer (name & address): Attn: Amanda Kingery, Impact Recovery Systems, 4955 Stout Drive, San Antonio, TX 78219. Phone: (210) 736-4477 FAX: (210) 734-6448
Web-site address: impactrecovery.com	Web-site address: impactrecovery.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Impact Recovery Systems' (IRS) Delineator Post is made of High Density Polyethylene that can withstand multiple, omni-directional hits. The posts come standard with our patented reactive spring system, that consists of a stainless steel cable, custom spring, and a pivoting hinge near the bottom of the post, that allows them to withstand multiple impacts and return to their original position without any vertical listing. The posts are 2.375" in diameter and are available in 36", 42", 48", and custom lengths. They are manufactured to receive a 14" flattened area designed for the application of a 3" x 12" area of retroreflectivity on one or both sides. The posts may be used with a soil or surface mount base.

Restrictions, (installation and/or use):
Use only in accordance with MUTCD.

Use of the product, (be specific to CDOT highway activities only):
Exit lane delineation, changes in road alignment, center line traffic separation or urban turn restrictions.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
The posts are durable, self-righting, and can take multiple hits which reduces maintenance costs. They can also be changed in under a minute which reduces exposure time for highway workers.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- [x] CDOT : Standard Specification, Section 612 and 713.10
- [x] ASTM : D 4956
- [ ] AASHTO :
- [x] FHWA : NCHRP Self-Certification
- [x] other : MUTCD 2009, Section 6F.80

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- [ ] NTPEP-AASHTO :
- [x] FHWA : NCHRP 350 Acceptance Letter, 01/28/98, Refer No. HNG-14
- [ ] other :
- [ ] other :

State DOT Approvals, (current documentation required):
ID, NE, NM

Sample submitted: [■] yes [ ] no [ ] n/a | Materials Safety Data Sheets (MSDS): [ ] yes [ ] no [■] n/a

Notes/Additional Comments