COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3368-11

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

Material code: 614.07.02.00

FOR INTERNAL CDOT USE

Material code description full name: Impact Attenuator

PART 1

Product name: REACT 350 Wide	Product category: Roadway Safety\Crash Cushion\Impact Attenuator, Permanent
Product representative (name & address): Attn: Roger N. Egan Interwest Safety Supply, Inc. 195 South Navajo Street Denver, CO 80223 Phone: (303) 733-8447 FAX: (303) 733-8664	Manufacturer (name & address): Attn: Energy Absorption Systems, Inc. 35 East Wacker Drive Chicago, IL 60601 Phone: (312) 467-6750 FAX: (312) 467-9625
Web-site address: www.energyabsorption.com	Web-site address: www.energyabsorption.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
The REACT 350 Wide is a redirective, non-gating crash cushion that meets NCHRP 350, Test Level 3. REACT 350 stands for Reusable Energy Absorbing Crash Terminal 350. It consists of a series of high density polyethylene (HDPE) cylinders which absorb the energy of an impact. REACT 350 Wide is 60" wide, or 96" wide, or 120" wide and 4' high. The cylinders are capable of withstanding multiple impacts. When impacted within the design capacity specified in NCHRP 350, the cylinders typically regain up to 90% of their original shape and capacity without maintenance or repair of major components.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
REACT 350 Wide is primarily used at sites where multiple hits per year are anticipated, due to its very high reusability after impact.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
REACT 350 Wide is the logical choice for sites where high traffic volumes traveling at high speeds in tightly congested areas create multiple hit potential. CDOT maintenance costs are minimal after an impact occurs, and the REACT 350 Wide can be repaired easily and quickly.

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

- [x] CDOT : Standard Specifications, Section 614
- [ ] ASTM :
- [ ] AASHTO :
- [x] FHWA : NCHRP 350, TL-3
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [x] FHWA : FHWA Letter of Acceptance HSA-CC73 (May 4, 2001); HSA-10/CC-73A (April 30, 2002)
- [x] other : E-TECH Testing Services, Inc. (May 2001) (March 2002)
- [ ] other :

State DOT Approvals, (current documentation required):
Oregon, Texas, Washington

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

Notes/Additional Comments
A sample REACT 350 Wide could be made available if CDOT requires it to evaluate the product completely.