COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2242-11

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	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 is a redirective, non-gating attenuator. 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 is 3' wide and 4' high. The cylinders are capable of withstanding multiple impacts. REACT 350 is 100% reusable after a design impact. The 9-cylinder REACT 350 is for 65 mph applications and is 30'3" long and Test Level 3 compliant.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
REACT 350 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 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 can be repaired easily and quickly.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO :
- ☒ 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 :
- ☒ FHWA : FHWA Letter of Acceptance HNG-14 (June 16, 1998)
- ☒ other : TTI (April 1995), (May 1997)
- ☒ other : E-TECH Testing Services, Inc. (October 2007)

State DOT Approvals, (current documentation required):

Sample submitted: ☐ yes ☒ no ☐ n/a | Materials Safety Data Sheets (MSDS): ☐ yes ☒ no ☐ n/a

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