COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3423-15

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

Material code: 630.07.01.00

FOR INTERNAL CDOT USE

Material code description full name: Traffic Zone, Barrier (Temp)

PART 1

Product name: BarrierGuard 800 Gate

Product category: Traffic Control\Traffic Barrier, Temporary\NA

Product representative (name & address):
Attn: Tim Beltramo
Dynamic Deflections LLC
1541 Stockyard Road
Pueblo, CO 81001
Phone: (719) 250-3319 FAX: (719) 296-0333

Manufacturer (name & address):
Attn: Sam Arnold
Highway Care
7068 Fire Opal Drive
Las Vegas, NV 89131
Phone: (702) 204-0732 FAX: (702) 242-4733

Web-site address: www.highwaycareusa.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
BarrierGuard 800 Gate is a gate section that can be inserted into a concrete or steel barrier line, opened left, right or completely removed as needed. Standard gate sections are 20 ft to 300 ft in length. Custom gate sections can be manufactured to any size required. Test video submitted to FHWA demonstrate two men opening gate after impact upon gate joint at 62 mph in less than two minutes. Gate is galvanized to ASTM 123 standards for long product life.

Restrictions, (installation and/or use):
N/A

Use of the product, (be specific to CDOT highway activities only):
Permanent gate to pass through a barrier line, emergency cross-over or enable contra-flow traffic to use all lanes in case of emergency/disaster.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Allow "First Responders" to access all lanes in emergency situations. Easy to install and quick to open can save lives when time is of the essence. Steel is galvanized to ensure quality operation and long product life. Gate can be opened left, right or completely removed as needed.

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

- ☐ CDOT :
- ☒ ASTM : 123
- ☐ 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 : Letter of Acceptance, HSSD/B-159 (May 8, 2007)
- ☒ other : Safe Technologies, Inc. (12-08-2006)
- ☒ other : Certificate of Verification (May 21, 2015)

State DOT Approvals, (current documentation required):
Connecticut, Idaho, Louisiana, Maryland, Minnesota, Nevada, Tennessee

Sample submitted: ☐ yes ☒ no ☐ n/a

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

Notes/Additional Comments