COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2768-11

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

Material code: 606.02.06.00

FOR INTERNAL CDOT USE

Material code description full name: Barrier, Cable

PART 1

Product name:	Product category:
Gibraltar TL-3, 3-Cable Barrier System	Roadway Safety\Cable Barrier\NCHRP 350 TL-3
Product representative (name & address): Attn: Bryan Hoefling Gibraltar Cable Barrier Systems 4303 Innovation Loop Marble Falls, TX 78654 Phone: (800) 495-8957 FAX: (830) 798-5445	Manufacturer (name & address): Attn: Ron Faulkenberry Gibraltar Cable Barrier Systems 4303 Innovation Loop Marble Falls, TX 78654 Phone: (800) 495-8957 FAX: (830) 798-5445
Web-site address: www.gibraltarus.com	Web-site address: www.gibraltarus.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Test Level 3 Cable Barrier system consisting of 3 wire ropes at high tension between anchors. Wires held at design height by Hairpins and Lockplates attached to C-Section steel posts. Sockets can be driven or set in concrete. Direct driven posts are also an option. Variable post spacing available from 10 ft up to 30 ft, depending on desired deflection required. All components are steel and galvanized to appropriate ASTM Specification.

Restrictions, (installation and/or use):
Placement restrictions on 4:1 Slope or Flatter, based on FHWA Guidelines.

Use of the product, (be specific to CDOT highway activities only):
Barrier for use on highway median and roadside applications to protect from median crossovers or roadside hazards.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Gibraltar Cable Barrier Systems' TL-3 High Tension Cable Barrier System is designed to save lives by redirecting errant vehicles from road hazards. Saving the DOT money by creating a competitive market for this and similar products. Improved safety to highway maintenance and installation personnel due to the quick and easy installation and maintenance features of the Gibraltar system. Design features, such as variable post spacing requirements and fewer cables make the Gibraltar system a better value and better performing system than the competition.

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

- [x] CDOT : Standard Specifications, Section 606
- [ ] ASTM :
- [ ] AASHTO :
- [x] FHWA : NCHRP 350 TL-4
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [x] FHWA : Letter of Acceptance per NCHRP 350 TL-4, HSA-10/B-137 (June 13, 2005)
- [ ] other :
- [ ] other :

State DOT Approvals, (current documentation required):
AL, AZ, IA, MD, MO, MS, NE, NC, OK, OR, SD, TN, TX, WA

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

Notes/Additional Comments
Approved in 29 states.