COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2390-02

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name: FLEAT-MT Median Terminal

Product category: M & S Standards\Safety, Roadway\Guardrail End Treatment

Product representative (name & address):
Road Systems, Inc. {John C. Durkos}
2516 Mallory Lane
Stow, OH 44224
Phone: (330) 346-0721 FAX: (330) 346-0722

Manufacturer (name & address):
Road Systems, Inc.
3616 Howard County Airport Road
Big Springs, TX 79720
Phone: (432) 263-2435 FAX: (432) 267-4039

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
The FLEAT (Flared Energy Absorbing Terminal)-MT (Median Terminal) is for a double sided barrier. The FLEAT-MT can attach directly to double-sided W-Beam rail or double-sided Thrie Beam rail. If attaching it to a rigid barrier, a stiffness transition is required. The FLEAT-MT uses all of the same components as the SKT Tangent Roadside Terminal and Fleat Flared Roadside Terminal.

Usage of product, (be specific to CDOT highway activities only):
Guardrail End Treatment on median terminal for double-sided barrier.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Because the FLEAT-MT uses all of the same components as the SKT Tangent Roadside Terminal and FLEAT Flared Roadside Terminal, which are already approved by Colorado DOT, it will significantly reduce maintenance inventories. The material cost is lower than current product options. The fast and easy installation and maintenance will also lower the cost or the current product options.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

- ■ CDOT : M & S Standards, M-606-1
- ■ ASTM : A 123
- ■ AASHTO: M 111, M 180, M 232
- ■ FHWA : NCHRP 350, Test Level 3
- ☐ other :

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ■ FHWA or other : NCHRP 350, Test Level 3, Acceptance Letter, 8/24/2001, Refer. No. HSA-10-CC46D
- ■ other : Southwest Research Institute (August 2001)

State DOT Approvals, (current documentation required):
Georgia, Illinois, Kansas

Evaluation Procedure, (recommended):
Manufacturer is willing to do a formal presentation or assist during field installation.

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

Notes/Additional Comments

Manufacturer's Web-site address: www.roadsystems.com

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