COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2456-03

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: Detectable Warning Mat

Product category: Traffic Control\Miscellaneous

Product representative (name & address):
Inter-Mountain Traffic Safety {Mike Knaras}
3270 West 2236 South #4
West Valley City, UT 84119
Phone: (801) 972-6515 FAX: (801) 972-6604

Manufacturer (name & address):
Detectable Warning Systems, Inc., {Jerry Smith}
6435 Joshua Tree Avenue
Orange, CA 92867
Phone: (714) 974-3566 FAX: (714) 974-3246

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Polyurethane truncated dome detectable warning mat. Tensile strength is 1100 psi. Tear strength is 200 psi. Slip resistance is .90 (ASTM C 1028). Each mat is 24.68" x 47.18" in either high visibility yellow or black. Applied with a two-part 3M adhesive, Scotch-Weld 3549 B/A, or a similar adhesive as approved by Detectable Warning Systems, Inc. (and additionally secured with nylon anchors). All seams and edges sealed with a sealant.

Usage of product, (be specific to CDOT highway activities only):
Pedestrian safety with a truncated dome detectable warning surface for transit platforms, curb ramps, and hazardous vehicular areas.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Economical solution for providing a detectable warning surface for pedestrians, especially good during a retrofit.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO:
- ■ FHWA : ADAAG Detectable Warnings, Letter #HIPA-20, May 6, 2002
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☐ other :

State DOT Approvals, (current documentation required):
OH, OR, UT

Evaluation Procedure, (recommended):

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

Notes/Additional Comments
DWS is willing to participate in a pilot or trial program to demonsrtate effectiveness of this product.
Approved by California's Department of General Services, Division of the State Architect (used by CalTrans for this type of product); and Louisiana's Office of the State Fire Marshall.

Manufacturer's Web-site address: www.detectable-warning.com

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