COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2839-06

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: Standard BlinkerStop/BlinkerSign

Product category: TC\Traffic Control Enhancement\Miscellaneous

Product representative (name & address):
TAPCO National Inside Sales {Bryan Everard / Andrew Bergholz}
800 Wall Street
Elm Grove, WI 53122
Phone: (262) 514-7337 FAX: (262) 814-7017

Manufacturer (name & address):
TAPCO (Traffic & Parking Control, Inc.)
800 Wall Street
Elm Grove, WI 53122
Phone: (262) 814-7000 FAX: (262) 814-7017

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
TAPCO's Standard BlinkerSign features "flashing" LED (light emitting diodes) at 150 milliamps combined with 3M's highest prismatic sheeting provides a highly visible, self-illuminated sign. TAPCO's standard BlinkerSigns have the option of being solar/battery powered or 100 volt hardwired. The product is maintenance free where as a beacon light or a signal requires installation costs, electrical costs, and periodic maintenance. TAPCO's Standard BlinkerSigns can be mounted on the State's post of choice; however, TAPCO recommends a round posts because of its stability.

Usage of product, (be specific to CDOT highway activities only):
Dangerous intersections (especially high blow-through and/or accident prone areas), school zones, crosswalks, work zones.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
The Standard BlinkerSigns will dramatically reduce "Blow-throughs" and accidents at dangerous intersections as seen in our tests provided. As stated above, the Standard BlinkerSign is maintenance free, which will save the CDOT on installation and electrical costs. TAPCO provides a 1 year warranty and lifetime commitment to service this product where as other competitors leave it in the State's hands once purchased. Since Standard BlinkerSigns are visible up to 2 miles, they create greater visibility than any other sign or beacon on the market.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO:
- ■ FHWA : 2003 MUTCD Edition, Section 2A.08
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : TTI (Texas Transportation Institute, Project O-4271)

State DOT Approvals, (current documentation required):
IL, IN, ME, NY, OR, UT

Evaluation Procedure, (recommended):
If Colorado is accepting the 2003 MUTCD, please look at the literature and approve as it follows the MUTCD code.

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

Notes/Additional Comments
Additional DOTs that have approved the product include:
AL, AZ, CA, DE, IA, KY, LA, MN, MT, NC, OH, SC, SD, TX, WV, WI, WY
Samples are available upon request.

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

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