COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3540-12

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

Material code: 713.05.01.00

FOR INTERNAL CDOT USE

Material code description full name: Traffic Control, Sign Hardware

PART 1

Product name: NEX ® Plain

Product category: Traffic Control\Post Anchoring\Mechanical System

Product representative (name & address):
Attn: Susan Keim
S-Square Tube Products, Inc.
P.O. Box 306
Commerce City, CO 80037
Phone: (303) 286-7051 FAX: (866) 639-5717

Manufacturer (name & address):
Attn: Susan Keim
S-Square Tube Products, Inc.
22275 W. Midway Blvd., Unit C
Broomfield, CO 80020
Phone: (888) 267-6463 FAX: (866) 639-5717

Web-site address: www.s-squaretube.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

NEX ® Plain is a sign support system that is not perforated and has no pre-scored holes.

Our NEX ® sign post system (three styles) incorporates an engineered square that is a 2"x2" tube shape that telescopes into a larger size square tube ground anchor. The NEX ® wedge locking system which allows the industry standard generic 2.25" square ground anchor to be directly embedded flush with the soil; something that perforated square (Telspar, Poz-Loc, Ulti-mate) cannot offer. The NEX ® post should be secured to the anchor with our Patented NEX ® wedge. Our anchor is not perforated; we offer a winged configuration (anti-twist devise) of a 90 degree piece that is 6"x 8" that can be used in very sandy or loose soils. Our post has three designs Plain, Perforated and Knockout allowing more product options.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):

Primarily a replacement or substitute for existing square, round or u-channel posts currently used in the marketplace. Used with existing 2.25" anchors.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

CDOT will have the advantage of better pricing opportunities through more competition in the market. The post and the virtually vandal proof NEX wedge is easier and quicker to install and has a longer life. The wedge allows the ground anchor to be installed flush with the soil; yielding a safer traffic product. With the NEX ® post design and variety of styles it allows CDOT to give the tax payers and communities a better image that are representative of a changing environment.

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

- [x] CDOT : Standard Specifications, Section 630.09
- [x] ASTM : A787, A1011, A653
- [ ] AASHTO :
- [x] FHWA : NCRP 350 Type 3-61
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [x] other : Southwest Research Institute (12-1998)
- [x] other : TEI Engineered Products, Inc. (1-19-1998) (2-12-1998) (3-02-1999)

State DOT Approvals, (current documentation required):

New Mexico, Tennessee, Washington

Sample submitted: [ ] yes [x] no [ ] n/a

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

Notes/Additional Comments

This product uses the same FHWA NCHRP 350 approved NEX tubing (NEX plain post) only they are formed in to mailbox supports.