COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3794-14

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

Material code: 604.04.02.00

FOR INTERNAL CDOT USE

Material code description full name: Vault, Non-Concrete

PART 1

Product name: 2436/24 Polymer Concrete Enclosure Tier 22

Product category: Right-of-Way Structure\Utility Enclosures\N/A

Product representative (name & address):
Attn: Tami Gonsalves - West Coast Regional Sales Manager
Martin Enterprises
231 East Allesandro Blvd. #198
Riverside, CA 92508
Phone: (909) 910-4140 FAX: (951) 780-8305

Manufacturer (name & address):
Attn: Stephen Kavousy - Quality Control / Technical Manager
Martin Enterprises
19940 Hansen Avenue
Nuevo, CA 92567
Phone: (951) 928-8713 FAX: (951) 928-4623

Web-site address: www.martinfrp.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Polymer Concrete Ground Level Utility Enclosures manufactured for complete adherence to the SCTE's ANSI 77 2013 Tier 22 Specifications. Exterior dimensions of approximately 24" wide x 36" long x 24" deep to meet CDOT requirements.
The 2436/24 PC T-22 Enclosure heralded a Cover Vertical Design Load range of 23,720-24,800lbs & a Test Load result of 34,960lbs with a deflection of a 0.41", a Vertical Sidewall Design Load range of 23,960-26,100 pounds & a Test Load result of a 33,900 lbs with a deflection of 0.19", and a Lateral Sidewall Design Load range of 2,540-2,860lbs & a Test Load of 4,700lbs with a deflection of 0.18".

Restrictions, (installation and/or use):
Designed to be used only in driveway, parking lot, & off-roadway applications subject to occasional non-deliberate heavy vehicular traffic.

Use of the product, (be specific to CDOT highway activities only):
Enclosures are to be utilized as underground splice boxes in the installation of traffic signals and area lighting.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
CDOT benefits: Financially, Martin Enterprises competitive pricing and reputable lead times. Product Quality: Martin Enterprises employs an extensive Quality Control Program as we are a ISO 9001:2008, QuEST TL9000 Certified Organization having our Quality Management System, Quality Control Documentation, and Manufacturing procedures audited by the aforementioned Organizations monthly as quantitative data is supplied to the University of Texas for comparison with national standards thus ensuring every product made adheres to the SCTE's ANSI 77 2013 Specification.

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

- ☐ CDOT :
- ☐ ASTM :
- ☐ AASHTO :
- ☐ FHWA :
- ☒ other : ANSI/SCTE's 77 2013

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : IAPMO R&T ISO 9001:2008
- ☒ other : CRT Laboratories, Inc. (February 25, 2014)

State DOT Approvals, (current documentation required):
Arkansas, North Carolina, Tennessee

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

Notes/Additional Comments

Evaluation samples available at no cost upon CDOT request.