COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3558-13

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

Material code: 608.02.03.00

FOR INTERNAL CDOT USE

Material code description full name: ADA Truncated Dome

PART 1

Product name: CAST-DWD	Product category: Pedestrian Safety\ADA Truncated Dome\Embedded
Product representative (name & address): Attn: Warren Bub Pioneer Detectable, LLC N8060 Maple Street Ixonia, WI 53036 Phone: (262) 370-5355 FAX: (262) 560-1890	Manufacturer (name & address): Attn: Warren Bub Pioneer Detectable, LLC N8060 Maple Street Ixonia, WI 53036 Phone: (262) 370-5355 FAX: (262) 560-1890
Web-site address: www.castdwd.com	Web-site address: www.castdwd.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
CAST-DWD is a cast iron cast-in-place Detectable Warning Panel. Completely anchors into concrete or asphalt. Having a static coefficient of friction dry of 1.09 and wet of 1.05. Dimensions of 24" x 24" (weights under 45 lbs.), 24" x 36", 24" x 48" weights under 85 lbs.), 24" x 60", 36" x 36", and 36" 48". Also available with UV Stable E-Coating and Powder Coating preventing corrosion mitigation, in finish colors of Natural, Brick Red, Yellow, White, Dark Gray, and Black.

Restrictions, (installation and/or use):
None

Use of the product, (be specific to CDOT highway activities only):
Detectable warnings at curb ramps, blended transitions, transit platforms, and other hazardous ways to alert visually impaired people of the hazardous way.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Fast and efficient installation completely anchoring into fresh concrete or asphalt. Product offers a strong maintenance free detectable warning surface resistant to snow plowing. If a colored coating is preferred there is a two step process to prevent any wear or fading. Offers longer life cycle thus lowering life cycle cost.

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

- ☐ CDOT :
- ☒ ASTM : C-028
- ☐ AASHTO :
- ☐ FHWA :
- ☒ other : ADA Guidelines 4.29.2

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : ABIC Testing Laboratories, Inc. (3-05-2010) (4-20-2012) (9-04-2012)
- ☐ other :

State DOT Approvals, (current documentation required):
Maine, Minnesota, Missouri, North Carolina, Tennessee, Wisconsin

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

Notes/Additional Comments
Samples can be provided upon request at no cost.