

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

Material Code

630.07.01.00

CDOT Use Only

Material Code description full name

Traffic Zone, Barrier (Temp)

CDOT Use Only

PART 1

Product name:

Zoneguard Steel Barrier

Product category:

Traffic Control\Traffic Barrier, Temporary\Barrier,Non-Concrete

Product Representative (name & address):

Attn: Jeff Shewmaker

Hill and Smith BD West
80 Hamilton Ave,
Rio Vista, CA. 94571

Phone: (707) 366-8759

E-mail: jeff.shewmaker@hillandsmith.com

Manufacturer (name & address):

Attn: Cecil Brown

Hill and Smith, Inc.
987 Buckeye Park Road
Columbus, OH 43207

Phone: (614) 340-6294

E-mail: cecil.brown@hillandsmith.com

Web-site address:

www.hillandsmith.com

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

The Zoneguard® (ZG) steel barrier has been used by DOT's since 2009 and there are currently hundreds of thousands of feet in-service across the mid and eastern US. Zoneguard offers the road construction industry an alternative temporary/permanent barrier solution that provides superior protection and durability. A cost-effective alternative to traditional concrete barrier, Zoneguard's lightweight configuration allows 750 LF to be hauled on one truck and up to 1500 LF to be installed in one hour. This results in a 6:1 reduction to workers from trucking exposure during mobilization and also translates to a 6:1 reduction in tons of pollution emissions. At 62 lbs. per LF Zoneguard's light weight is a benefit on bridge work where "dead weight" barrier loading is a consideration and typically has less pinning compared to other barriers in low-deflection applications. Zoneguard meets AASHTO MASH 16 (TL-3) and has received FHWA eligibility.

Restrictions, (installation and/or use):**Use of the product,** (be specific to CDOT highway activities only):

Portable or permanent barrier system

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

Positive barrier separation in workzones to protect the motorist and workers. Reduced worker exposure due to reduced mobilization and handling times. Reduced pollution emissions from reduced trucking.

Specifications: (listing those applicable is required)☒ CDOT : 630.07☐ ASTM :☒ AASHTO: MASH 16, Test Level 3☐ FHWA :☒ other : MUTCD 6F, 85, 2009☐ Certificate of Compliance (COC) provided☐ Certificate of Verification (COV) provided for select categories ONLY**Product Testing:** (National/independent laboratories or universities with Report Date.) **Certified Test Report** (CTR) provided to validate all claims.☐ NTPEP-AASHTO:☐ FHWA :☒ other : Texas Transportation Institute (TTI) - Reports HSI -2 (2015), HSI-3 (2015), HSI-5 (2016) and HSI-8 (2018)☒ other : Southwest Research Institute (SwRI) - Report ZG-USA-3 (2007)☐ other :**State DOT Approvals,** (current documentation required):**Expiration Date** 3 Years 05/20/2028Sample submitted: ☐ yes ☒ no ☐ n/aSafety Data Sheets (SDS): ☐ yes ☒ no ☐ n/a

Alternate Product Category:

CDOT Product RESTRICTIONS by CDOT Evaluator:

For temporary installations only. Tested for MASH TL-3 applications. Installation of Zoneguard shall be carried out fully in accordance with the Zoneguard Installation Instructions.

Evaluators Signature:

David L.
Kosmiski

Digitally signed by David L.
Kosmiski
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