

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

Material code:
606.04.02.00

Material code description full name:
Traffic Control,Barrier,Temporary Concrete

PART 1

Product name: Wire Mesh Reinforced Type 7 [12ft Length]	Product category: Traffic Control\Traffic Control Barrier\Temp,Barrier,Concrete
Product Representative (name & address): Attn: Andrew Blackford Concrete Express, Inc. (CEI) 2027 W. Colfax Ave Denver, CO 80204 Phone: (303) 472-4978 E-mail: ablackford@ceiconstructors.com	Manufacturer (name & address): Attn: Andrew Blackford Concrete Express, Inc. (CEI) 2027 W. Colfax Ave Denver, CO 80204 Phone: (303) 472-4978 E-mail: ablackford@ceiconstructors.com
Web-site address: www.ceiconstructors.com	Web-site address: www.ceiconstructors.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
 Temporary Type 7 Concrete Barrier 12'-0" (Long) x 34" (Tall) which is an increase of 2'-0" than shown on M-606-14.
 Reinforcement is a Single Sheet of Wire Mesh - The yield strength of the longitudinal reinforcement is 90 kips, the yield strength for the transverse reinforcement is 12 kips per foot of barrier which is an increase from previously approved temporary barrier of 108% and 273% respectively.
 Geometry is F shape as shown on CDOT M-606-14
 Concrete Strength is 4500 psi as shown on CDOT M-606-14
 End Connections are Pin and Loop as shown on CDOT M-606-14

Restrictions, (installation and/or use):
 N/A

Use of the product, (be specific to CDOT highway activities only):
 Temporary barrier for use on construction projects requiring traffic control delineation and or protection.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
 By substituting the single sheet of heavy duty mesh for the M-606-14 rebar configuration, CEI will reduce the cost of production while still maintaining acceptable safety performance and durability. By lowering the costs for this product, CDOT will ultimately create more competition in the market, therefore, lowering the costs for temporary barrier. The increased length of 2'-0" provides additional barrier mass which will help reduce dynamic and permanent deflection of the barrier system. Additionally, the increased length of 2'-0" will reduce the labor costs on CDOT projects. The reduction of costs will be passed onto the traveling public and taxpayers without impacting quality and safety on CDOT projects.

- Specifications:** (listing those applicable is required)
- CDOT : M&S Standards M-606-14
 - ASTM :
 - AASHTO :
 - FHWA :
 - other : Modjeski and Matters letters dated 2/28/2019

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 : Certificate of Compliance Hoops
- other : Certificate of Compliance Wire Mesh Reinforcing
- other :

State DOT Approvals, (current documentation required):

Expiration Date **3 Years / 03-21-2023**

Sample submitted: yes no n/a Safety Data Sheets (SDS): yes no n/a

Alternate Product Category:
 Additional Comments: