

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION

Project Development Branch
Standards & Specifications Unit
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Denver, Colorado 80222-3400
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June 16, 2006

Mr. David A Nicol, P. E.
Division Administrator
FHWA Colorado Division
Attention: Marcee Allen
12300 West Dakota Avenue, Suite 180
Lakewood, Colorado 80228

Dear Mr. Nicol

CDOT is requesting FHWA concurrence for a continuation of the provisional Statewide Finding in the Public Interest (FIPI) for the QuadGuard System for an additional calendar year from July 1, 2006 until June 30, 2007. The provisional criteria of the extended FIPI, copy attached, was the approval of the QuadGuard System for twelve months, from July 1 2005 to June 30, 2006, while CDOT investigates an additional end treatment system for acceptability as permanent installation.

The test project for Barrier Systems Universal TAU Crash Cushion System is ongoing. There are three TAU Crash Cushions installed on CDOT facilities: two at the Port of Entry on I-25 near Fort Collins, and one at Exit 213 on SB I-25, just south of the I-25/I-70 interchange. The installation at Exit 213 was completed on November 22, 2004, and impacted on March 17, 2005. Repairs were completed by CDOT Region 6, Maintenance Section 8 personnel on April 14 and April 22. There is not enough information from the single incident to complete the product evaluation.

Because Exit 213 is located in an area with a high traffic impact occurrence rate, it is anticipated the test project will be completed during the period of July 1, 2006 until June 30, 2007. The Universal TAU system will be rated by CDOT Maintenance and CDOT Standards & Specifications for effectiveness in repair or replacement, and associated components and labor costs.

The CDOT Crash Cushion and End Treatment Device Application Chart was updated on February 18, 2005, and is attached for your reference. It is available electronically in .pdf format on the CDOT website in the Safety Selection Guide at the following link:

<http://www.dot.state.co.us/DesignSupport/SafetySelection%20Guide/Index.htm>

Extension of Provisional FIPI for QuadGuard System
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Please don't hesitate to contact Steve Johnson (Steve.R.Johnson@dot.state.co.us) at (303)757-9083 or Larry Brinck (Larry.Brinck@dot.state.co.us) at (303)757-9474 should you have any concerns, or additional technical information on this item is needed.


for Mithilesh Kumar, P. E.
CDOT Project Development Branch Manager

FHWA CONCURRENCE
DATE 7/24/06
BY Marcee Allen
for David A. Nicol, P.E.
Division Administrator
Colorado Division

MK/LEB/SRJ/srj

cc: Jean Wallace and Marcee Allen - FHWA
Maintenance Superintendents via Staff Maintenance
Larry Brinck – Standards & Specifications

attachments:

Copy of Extended FIPI for the QuadGuard System – July 19, 2005
CDOT Crash Cushion and End Treatment Device Application Chart