



MEMORANDUM

TO: District Engineers

DATE: July 6, 2007

FROM: William R. Cox, P.E.

SUBJECT: New Bridge Railing Standard Drawing

A new bridge railing standard drawing with an issue date of July 2007 is posted on the TxDOT web site and is available for immediate use. This new bridge rail, Type T1F, was successfully crash tested to Test Level 3 (TL-3) requirements, permitting its use for high design speeds, 50 mph and greater.

For design speeds of 50 mph and greater, the metal beam guard fence transition shown on standard drawing MBGF(TR)-05 must be used with the Type T1F rail. For low design speeds, 45 mph and less, the metal beam guard fence transition shown on standard drawing MBGF(TL2)-05 can be used with this rail.

This and other bridge standard drawings are available on the Bridge Standards web pages in MicroStation® "dgn" and Adobe® Acrobat® "pdf" formats. See <http://www.dot.state.tx.us/business/standardplanfiles.htm>.

If you have questions or comments concerning this standard drawing, please contact John M. Holt, P.E., at (512) 416-2212, or Jon T. Ries at (512) 416-2191.

Note: Original Signed By William R. Cox

cc: Federal Highway Administration
Bridge Design Consultants
Administration
Division and Office Directors
Directors of Transportation Planning and Development
District Bridge Engineers
Bridge Division Employees