



MEMORANDUM

TO: District Engineers

DATE: November 29, 2012

FROM: Gregg A. Freeby, P.E.

SUBJECT: New Bridge Railing Guide Drawing

A new bridge railing guide drawing, **Type T131RC**, with an issue date of November 2012, is posted on the TxDOT web site and is available for immediate use.

This guide drawing provides details for retrofitting a bridge railing to existing curbed structures. The railing was successfully crash tested to meet Manual of Assessing Safety Hardware (MASH) Test Level 3 requirements and is compatible with 31-inch tall guardrail.

As with the Type T101RC, site specific rail retrofit details are to be developed and prepared using select details and notes from the Type T131RC guide drawing. The Bridge Division can prepare these details or provide assistance to those preparing their own rail retrofit details.

Type T131RC rail is compatible with current guardrail transition standards GF(31)TR-11, GF(31)TL2-11, and GF(31)DAT-11.

The Type T131RC rail supersedes the Type T101RC rail for all projects beginning with the September 2013 letting. Prior use is at the option of each District. The Type T101RC guide drawing cannot be used after the August 2013 letting.

The bid code for the Type T131RC rail is **Item 450-2641 Rail (Ty T131RC)**.

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 guide drawing, please contact John M. Holt, P.E., at (512) 416-2212, or Jon T. Ries at (512) 416-2191.

Note: Original Signed By Gregg A. Freeby

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