



MEMORANDUM

TO: District Engineers

DATE: July 13, 2012

FROM: Gregg A. Freeby, P.E.

SUBJECT: Revised Bridge Railing and Rail Anchorage Curb Standard Drawings

Revised bridge railing and rail anchorage curb standard drawings, with a revision date of July 2012, are posted on the TxDOT web site and are available for immediate use.

Bridge traffic and combination railing standard drawings are revised to depict new guardrail transition connections required with standard 31-inch tall guardrail. Bridge railing Types T101, T6, T101RC, and T1-101R are not included with this revision since they are not compatible with 31-inch tall guardrail.

Standard drawings for traffic railing Types T80HT and T80SS, which are Test Level 5 (TL-5) rated rails, are revised to allow installation on 8-inch minimum thickness bridge deck overhangs. Previously, the required slab overhang thickness for these rails was 10-inches minimum. TL-5 crash tests have indicated satisfactory performance with bridge deck overhangs of 8-inch thickness.

Rail anchorage curb standard drawings RAC and RAC-R are revised with additional curb width to accommodate all standard traffic and combination rail types.

These revised standard drawings apply to construction projects beginning with the September 2012 letting. Prior use is at the option of each District.

These 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 these standard drawings, 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 Employees