



MEMORANDUM

TO: District Engineers

DATE: March 23, 2006

FROM: William R. Cox, P.E.

SUBJECT: New and Revised Bridge Railing Standard Drawings (English)

New and revised bridge railing standard drawings, with a revision/issue date of March 2006, are posted on the TxDOT web site and are available for immediate use.

New rail types are:

- Type PR3. This rail is for pedestrian applications only. It is comprised of concrete pilasters with intermediate steel sections comprised of steel pipe and pickets.
- Type B3. This rail is for both pedestrian and bicycle traffic applications and is essentially a taller version of the Type PR3 rail.

These new rails cannot be used on a vehicular bridge unless they are protected from vehicular impact by an approved traffic or combination rail.

Revisions to standard drawings for Type T402, HT, C221, C402, C501, and C502 rails correct geometric inconsistencies. Revisions to guide drawings T2/T201TR and T202TR clarify weld symbology.

These revised standard drawings apply to construction projects beginning with the September 2006 letting. Prior application 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 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