



MEMORANDUM

TO: District Engineers

DATE: February 6, 2006

FROM: William R. Cox, P.E.

SUBJECT: Revised Steel Beam Standard Drawings (English)

Revised steel beam standard drawings with a revision date of February 2006 are posted on the TxDOT web site and are available for immediate use.

Standard drawings SBSD-24, SBSD-28, and SBSD-30 are revised to reflect new W36 beam section dimensions and properties in the current version of ASTM A6. The only affected W36 sections are those with a 16-inch nominal flange width.

Anchor bolt details on standard drawing SBEB are revised by elimination of a structural steel tube that fabricators have indicated is difficult or impossible to obtain in small quantities. Additional details and notes regarding bearing sole plate geometry are also added to this standard drawing.

Standard drawing SBBR is revised with a new diagonal brace location comparable to the location used with prestressed concrete I-beam construction.

These revised standard drawings apply to construction projects beginning with the August 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