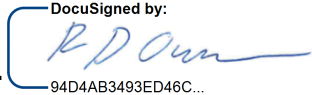




MEMO

November 19, 2024

To: Directors of Transportation Planning and Development

From: Robert Owens, P.E. 
Bridge Design Section Director, Bridge Division

Subject: Revised I-Girder and X-Beam Standard Drawings

Revised I-Girder and X-Beam standard drawings, with issue date of November 2024, are posted on the TxDOT web site and available for immediate use. Revisions were related to placement of slab reinforcing. The top mat of reinforcing in the slab was flipped so that the transverse bars are on top of the longitudinal bars. In addition, the drawings have been converted to engineering font. The revised standards include:

- 1) I-Girder
 - a. Flipped mat – all SIGs, IGCS, IGFRP, IGMS, and IGTS
 - b. Just font – IGD, IGEB, IGND, and IGSK
- 2) X-Beam
 - a. Flipped mat – all SXB, XBBR-MS, XBCS, and XBTS
 - b. Just font – XB20, XB28, XB34, XB40; XBEB, XBND, and XBSK

These revised standard drawings apply to construction projects beginning with the March 2025 letting. Use of revised standards prior to March 2025 is at the discretion of each District.

These and other bridge standard drawings are available in MicroStation® “dgn” and Adobe® Acrobat® “pdf” formats on the Bridge Standards web page (<https://www.dot.state.tx.us/insdtdot/orgchart/cmd/cserve/standard/bridge-e.htm>).

Directors of Transportation
Planning and Development

2

November 19, 2024

For questions or comments concerning these standard drawings, please contact
Taya Retterer, P.E. at 512/993-0330.

CC: Federal Highway Administration
Bridge Design Consultants
District Design Engineers

District Bridge Engineers
District Bridge Coordinators
Bridge Division