



# MEMORANDUM

**TO:** District Engineers

**DATE:** May 29, 2013

**FROM:** Gregg A. Freeby, P.E.

**SUBJECT:** Revised Minimum Erection and Bracing Requirements Standard Drawing

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The revised Minimum Erection and Bracing Requirements for Prestressed Concrete I-Girders and I-Beams standard drawing, **MEBR(C)**, with a revision date of May 2013, is posted on the TxDOT web site and is available for immediate use.

The standard is revised as follows:

- Cross-bracing, which was shown to be ineffective at stabilizing girders, is eliminated and horizontal bracing is now used at all locations.
- A new option for top bracing, a steel strap placed beneath the prestressed concrete panels, is provided. This option eliminates the need to remove and re-attach bracing during panel placement.
- The bracing spacing is simplified, to aide installation and inspection of the bracing.

This revised standard drawing applies to construction projects beginning with the November 2013 letting. Prior use is at the option of each District. No change in bridge plans is needed to begin using this standard now.

This and other bridge standard drawings are available on the Bridge Standards web page in MicroStation® “dgn” and Adobe® Acrobat® “pdf” formats. See <http://www.dot.state.tx.us/business/standardplanfiles.htm> .

For questions or comments concerning this standard drawing, please contact Amy E. Smith, P.E., at (512) 416-2261 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  
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District Bridge Engineers  
Bridge Division