



MEMORANDUM

TO: District Engineers **DATE:** September 16, 2010

FROM: David P. Hohmann, P.E.

SUBJECT: New Prestressed Concrete Decked Slab Beam Standard Drawings

New prestressed concrete decked slab beam standard drawings with an issue date of September 2010 are posted on the TxDOT web site and are available for immediate use.

The major change from the previous set of decked slab beam standard drawings is the addition of 28-ft and 30-ft roadway widths.

Beam designs in this set of standard drawings implement an increase in allowable concrete compressive stress at prestress release based on recommendations outlined in Research Report 0-5197-1, "Effects of Increasing the Allowable Compressive Stress at Release of Prestressed Concrete Girders". This research implementation permits lower concrete release strengths when possible.

These new decked slab beam standard drawings apply to construction projects beginning with the March 2011 letting. Prior use is at the option of each District. These new standard drawings can be used to replace the previously issued ones in existing plan sets without change to quantities.

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 David P. Hohmann

cc: Federal Highway Administration
Bridge Design Consultants
Administration
Division and Office Directors
Directors of Transportation Planning and Development

District Bridge Engineers
Bridge Division Employees