



MEMORANDUM

TO: District Engineers

DATE: January 12, 2006

FROM: William R. Cox, P.E.

SUBJECT: Revised Prestressed Concrete Beam Design Standard Drawings (English)

Revised prestressed concrete beam design standard drawings with a revision date of January 2006 are posted on the TxDOT web site and are available for immediate use.

The revised standard drawings are listed below, by beam type:

I-Beams	Box Beams	Slab Beams	U-Beams	Double-T Beams
IBNS	BBNS	PSBNS	UBNS	DTBSD-S
IBND	BBSD-20-OS	PSBSD		DTBSD-O
IBSD-ABC&IV-24				
IBSD-ABC&IV-28				
IBSD-ABC&IV-30				
IBSD-C&IV-38				
IBSD-C&IV-44				

Prestressed concrete beam design standard drawings identify for beam fabricators the number of prestressing strands and required concrete strengths for each beam. To optimize beam production, fabricators sometimes request approval to add full-length debonded prestressing strands to beams. This revision to these standard drawings documents TxDOT limitations on additional, full-length debonded strands.

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