



MEMORANDUM

TO: District Engineers

DATE: August 12, 2009

FROM: David P. Hohmann, P.E.

SUBJECT: New Prestressed Concrete Slab Beam Standard Drawings

New prestressed concrete slab beam standard drawings with an issue date of August 2009 are posted on the TxDOT web site and are available for immediate use.

Significant changes from the previous slab beam standard drawings issued June 2003 include:

- Span top reinforcing clear cover is 2.5-in, increased from 2-in.
- Use of Class S (HPC) Concrete and Class H (HPC) is accommodated on span and beam standard drawings, respectively.
- A limit is placed on unbalanced span lengths for pile supported interior bents. The short span length to long span length ratio cannot be less than 0.8. This limit can be exceeded if a structural analysis specific to the span lengths and pile type and size demonstrates the adequacy of the design.

These new prestressed concrete slab beam standard drawings are applicable to construction projects beginning with the February 2010 lettings. Prior use 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 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