



# MEMORANDUM

**TO:** District Engineers **DATE:** January 17, 2012  
**FROM:** Gregg A. Freeby, P.E.  
**SUBJECT:** New and Revised Miscellaneous Bridge Standard Drawings

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New and revised miscellaneous bridge standard drawings, with an issue/revision date of January 2012, are posted on the TxDOT web site and are available for immediate use.

Standard drawing **PBC-P** is new and provides details for precast bent caps as a contractor option to cast-in-place bent caps supported on standard prestressed concrete piles or steel H-piles. Its inclusion in bridge plans is recommended—not mandatory—when standard drawings are used for pile-supported trestle bent details. No adjustments to quantities are necessary nor are any Special Specifications required when using this standard drawing.

If a District wishes to disallow precast bent caps as an option, we recommend this be stated in the plans with a General Note to Item 420.

Standard drawing **FD** is revised to define minimum pile embedment into supported elements and provide details for steel H-pile splices and pile tip reinforcement. Editorial changes to the notes have also been made.

Standard drawing **CP** is revised with elimination of 15-inch piles and defines pile embedment based on pile size. Editorial changes to the notes have also been made.

These revised standard drawings apply to construction projects beginning with the July 2012 letting. 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 Gregg A. Freeby

cc: Federal Highway Administration  
Bridge Design Consultants  
Administration  
Division and Office Directors

Directors of Transportation Planning and Development  
District Bridge Engineers  
Bridge Division Employees