



MEMO

April 20, 2017

To: District Engineers

From: Gregg A. Freeby, P.E.
Division Director, Bridge Division

Subject: New Miscellaneous Standard Drawing, **PPBC-RC**

A new miscellaneous standard drawing, with issue date of April 2017, is posted on the TxDOT web site and available for immediate use.

The new miscellaneous standard drawing is Prestressed, Precast Bent Cap Option for Round Columns (**PPBC-RC**). This standard drawing provides details for standard prestressed, precast bent designs as an alternate to the standard designed interior bents for round columns on TxGirders (BIG standards), X-Beams (BXB standards), Box Beams (BBB standards), Decked Slab Beams (BDSB standards), and Slab Beams (PBSB standards).

The **PPBC-RC** is a Contractor option for prestressed, precast bents for round columns for standard bridge interior bent designs. As such, we recommend including this standard drawing in all plan sets using standard designed interior bent drawings for TxGirders, X-Beams, Box Beams, Decked Slab Beams, and Slab Beams structures. Do not use this standard with non-standard interior bent designs. No adjustments to quantities are necessary nor are any Special Specifications required.

This new standard drawing applies to construction projects beginning with the September 2017 letting. Prior use is at the option of each District.

If it is desired to restrict the use of prestressed, precast bent caps as an alternate to the standard interior bents, do not include the PPBC-RC standard in the plan set and also add "The use of prestressed, precast bent caps are not allowed." to the General Notes for Item 420.

These 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 these standard drawings, please contact Taya A. Retterer, P.E. at 512/416-2719 or Jon T. Ries, at 512/416-2191.

Note: Original Signed By Gregg A. Freeby

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