



# MEMO

September 4, 2018

**To:** District Engineers

**From:** Graham Bettis, P.E.  
Bridge Division Director

**Subject:** New Pipe Connection and Revised PSET Standard Drawings

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New and revised culvert standard drawings, with issue and revision dates of September 2018, are posted on the TxDOT web site and available for immediate use.

A new Pipe and Box Grouted Connections for Precast Structures drawing (PBGC) is available. This standard provides grouted connection details for reinforced concrete pipe and precast concrete boxes connecting to precast bases, junction boxes, and manholes.

The Precast Safety End Treatment Type II ~ Parallel Drainage (PSET-SP) and Precast Safety End Treatment Type II ~ Cross Drainage (PSET-SC) are revised to incorporate thermoplastic pipe.

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 Graham Bettis

**CC:** Federal Highway Administration  
Bridge Design Consultants  
Senior Leadership  
Directors of Transportation Planning and Development  
District Design Engineers  
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Bridge Division

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