



# MEMO

January 22, 2015

**To:** District Engineers

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

**Subject:** Precast Concrete Panel Fabrication

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The **Precast Concrete Panel Fabrication Details (PCP-FAB)** standard drawing was revised and posted to the Bridge Standards webpage in September 2014, and subsequently in January 2015. Two notable changes were made on this standard, as follows:

- Reduction of strand tension force from 16.1 kips to 14.4 kips.
- Reduction of concrete release strength,  $f'_{ci}$ , from 4,000 ksi to 3,500 ksi.

These two changes to precast concrete panel (PCP) fabrication have no effect on bridge deck construction and are no-cost changes.

For projects let with the prior 2010 PCP-FAB standard, the Fabricator has the option of producing PCPs according to the 2015 PCP-FAB standard. Shop drawings are not required for PCPs produced in conformance with the standard. Any plan set with signed and sealed PCP-FAB(MOD) details must be reviewed for the specific modifications and the two changes noted above may not be applicable.

The PCP-FAB 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 this standard drawing, please contact Amy E. Smith, P.E. at 512/416-2261 or Jon T. Ries, at 512/416-2191.

Note: Original Signed By Gregg A. Freeby

**CC:** Federal Highway Administration  
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District Bridge Engineers  
Bridge Division Employees

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