MEMO
January 22, 2015

To: District Engineers

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

Subject: Precast Concrete Panel Fabrication

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
   Bridge Design Consultants Administration
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   District Bridge Engineers
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