



MEMORANDUM

TO: District Engineers

DATE: April 7, 2011

FROM: David P. Hohmann, P.E.

SUBJECT: Revised Concrete Riprap and Shoulder Drain Standard Drawing

A revised concrete riprap and shoulder drain standard drawing, **CRR**, is posted on the TxDOT web site and is available for immediate use.

This standard drawing is revised to allow synthetic fiber reinforcement instead of steel reinforcement in the riprap concrete.

This revised standard drawing applies to construction projects beginning with the November 2011 letting. Prior use is at the option of each District.

This 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> .

For questions or comments concerning this standard drawing, please contact John M. Holt, P.E., at (512) 416-2212 or Jon Ries at (512) 416-2191.

Note: Original Signed By David P. Hohmann

cc: Federal Highway Administration
Bridge Design Consultants
Administration
Division and Office Directors
Directors of Transportation Planning and Development
District Bridge Engineers
Bridge Division Employees