



Minnesota Department of Transportation

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Memo

TO: Bridge Design Engineers

FROM: Arielle Ehrlich 
State Bridge Design Engineer

DATE: April 17, 2013

MEMO TO DESIGNERS (2013-01): Conversion from Metric to U.S. Customary Rebar Designations

Recently, the Concrete Reinforcing Steel Institute, a consortium of rebar producers and fabricators, has announced that its members have begun the process of converting from metric rebar designations back to U.S. customary designations. U.S. customary bar designations are indicated by a one or two digit number, equal to the nominal bar diameter in eighths of an inch (i.e., a No. 4 bar has a diameter of 4/8, or 1/2 inch).

For all projects scheduled for letting on or after July 1, 2013, include bar marks in U.S. customary bar sizes. MnDOT has issued newly updated roadway and bridge standard plans and plates in U.S. customary bar sizes. Additionally, the CADD cell library which contains the Standard Plan Notes has been updated for U.S. customary bar sizes. All updated files are available on the web and internal server sites at the same location as the previous standards.

Effective immediately, modify Table 2472-2 in the 2005 Edition of the MnDOT Standard Specifications for Construction using the special provision found in MnDOT Technical Memorandum 13-06-B-03.

The entirety of this manual will not be republished immediately, but all future updates will use U.S. customary bar marks.

For more information, see MnDOT Technical Memorandum 13-06-B-03.

If you have any questions contact myself or Dave Dahlberg at (651) 366-4491.

Thank you.

cc: Nancy Daubenberger
Paul Rowekamp
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Colleen Harer/Design Consultants

