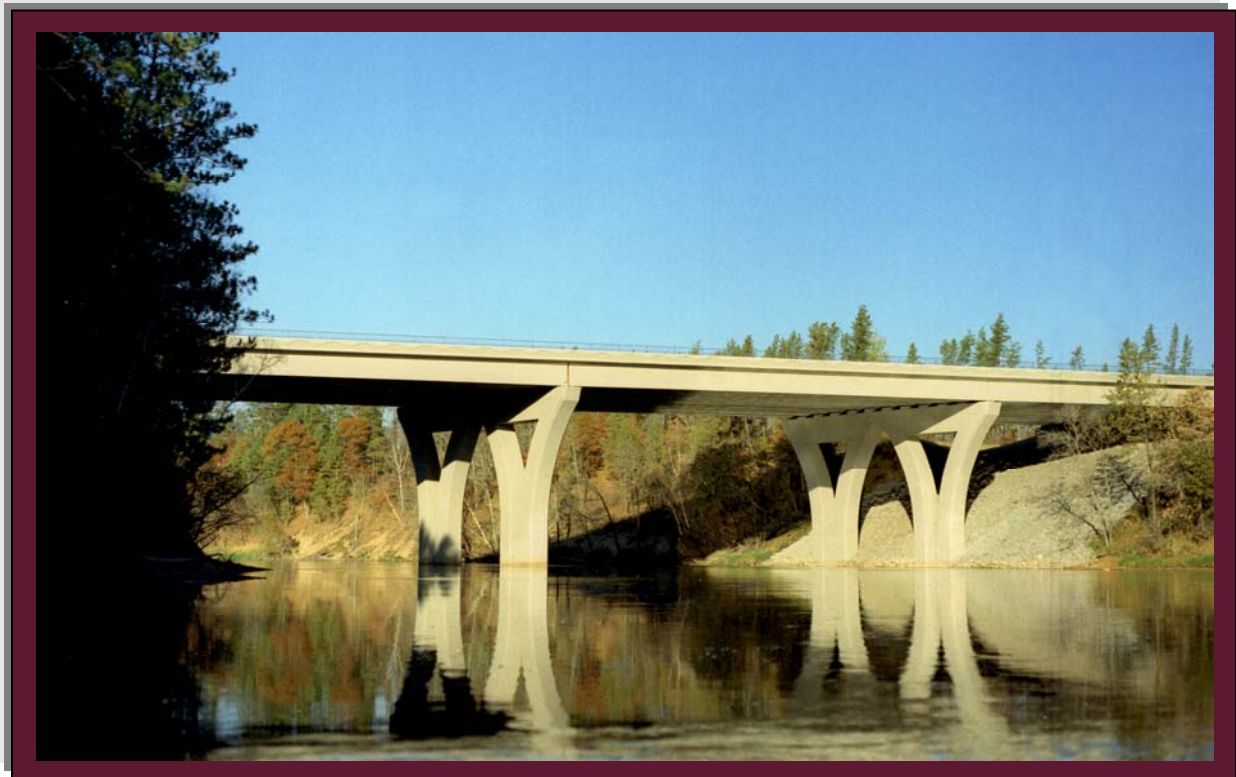


# LRFD Bridge Design Manual



**mn** DEPARTMENT OF  
TRANSPORTATION

BRIDGE OFFICE



MANUAL

5-392

MINNESOTA DEPARTMENT OF TRANSPORTATION

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Bridge Office

# LRFD Bridge Design Manual

MnDOT BRIDGE OFFICE

# LRFD Bridge Design Manual

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JULY 2003   OCTOBER 2003   JANUARY 2004   APRIL 2004   OCTOBER 2004   DECEMBER 2004  
FEBRUARY 2005   MARCH 2005   NOVEMBER 2005   MARCH 2006   APRIL 2006   MAY 2006  
AUGUST 2006   OCTOBER 2006   FEBRUARY 2007   JUNE 2007   JULY 2007   OCTOBER 2007  
APRIL 2008   MAY 2008   JUNE 2008   AUGUST 2008   SEPTEMBER 2008   OCTOBER 2008  
APRIL 2009   MAY 2009   OCTOBER 2009   MARCH 2010   JUNE 2010   DECEMBER 2010   JUNE 2011  
SEPTEMBER 2011   OCTOBER 2011   DECEMBER 2011   APRIL 2012   NOVEMBER 2012   APRIL 2013  
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DECEMBER 2018   JANUARY 2019   FEBRUARY 2019

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#2005-01 REMOVED

#2005-02 REMOVED

#2005-03 REMOVED

#2006-01 REMOVED

#2007-01 REMOVED

#2007-02 Adhesive Anchors Under Sustained Tensile Loads..... (dated Oct. 3, 2007)

#2007-03 REMOVED

#2008-01 Prestressed Concrete Design – Calculation of Prestress Losses and  
Beam Camber & Deflection ..... (dated Sept. 18, 2008)

#2008-02 Truss Bridge Gusset Plate Analysis ..... (dated Oct. 20, 2008)

#2011-01 REMOVED

#2011-02 REMOVED

#2011-03 REMOVED

#2012-01 Discontinued Usage of Plain Elastomeric Bearing Pads and  
Substitution with Cotton-Duck Bearing Pads ..... (dated April 12, 2012)

#2012-02 Transition to New  
MnDOT Pile Formula 2012 (MPF12)..... (dated November 21, 2012)

#2013-01 Conversion from Metric to  
U.S. Cust. Rebar Designations ..... (dated April 17, 2013)

#2014-01 AASHTO LRFD Article 5.7.3.4 Concrete Crack Control Check  
(dated August 6, 2014)

#2014-02 Inclusion of Informational Quantities in Bridge Plans  
(dated December 23, 2014)

#2015-01 Concrete Mix Design Designations ..... (dated August 10, 2015)

#2016-01 Single Slope Barrier (Type S) Bridge Standards.....(dated December 09,  
2016)

#2017-01 Edge-of-Deck Thickness on Bridges and Wall Coping Height  
(dated March 28, 2017)

#2017-02 Post-Installed Anchorages for Reinforcing Bars... (dated October 19, 2017)

#2018-01 New 30MH, 35MH, and 40MH Prestressed Concrete Beams  
(dated December 20, 2018)

#2019-01 Temporary Portable Precast Concrete Barriers on Bridges  
(dated January 30, 2019)

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