Office of Traffic, Safety and Technology
1500 West County Road B2 – MS 725
Roseville, MN  55113

February 26, 2018

To:  Holders of the 2011 Minnesota Manual of Uniform Traffic Control Devices

Transmitted herewith is Revision Number 6 (dated February 21, 2018) to the "2011 Minnesota Manual on Uniform Traffic Control Devices" (2011 MN MUTCD) as adopted by the Commissioner of the Minnesota Department of Transportation (MnDOT). The attached pages to the 2011 MN MUTCD incorporate charges or corrections brought about by changes in the FHWA MUTCD and Minnesota practices or procedures.

All revised pages are attached herewith and shall replace corresponding pages in this manual. The attached Commissioner’s Order No. 97267 amends Commissioner’s Orders 93167, 93799, 94040, 94687, and 97233. It is important to retain all Orders because they amend but do not replace previous Orders.

The 2011 MN MUTCD including Revision Numbers 1, 2, 3, 4, 5, and 6 is available on the MnDOT website at http://www.dot.state.mn.us/trafficeng/publ/mutcd/index.html. This manual will be updated annually, typically near the beginning of each calendar year. The latest version will be available on the website after it has been adopted by the Commissioner of Transportation.

MnDOT no longer maintains a mailing list for printed updates to this manual. Users of the manual must fill out the “Updates Notification Form” found on the website above under “Quick Links.” When an update/revision is made to the manual, an email will be sent out advising users to visit the website. The user must then download and print the revised pages and insert them into the printed version of their 2011 MN MUTCD.

To purchase additional copies of this manual or other State of Minnesota manuals call the MnDOT Map & Manual Sales Unit at 651-366-3017 for current costs and ordering information. They are located at the following address:

MnDOT Map & Manual Sales Unit
395 John Ireland Blvd. - MS 260
St. Paul, Minnesota 55155-1899

Comments regarding the content of the 2011 MN MUTCD should be referred to Janelle Anderson, MnDOT, Office of Traffic, Safety and Technology, phone (651) 234-7388, email address: janelle.anderson@state.mn.us.

Sincerely,

[Signature]

Jay Hietpas, PE
State Traffic Engineer

Equal Opportunity Employer
REVISIONS TO THE
2011 MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL
ORDER NO. 97267

This is the sixth order revising the 2011 Minnesota Manual on Uniform Traffic Control Devices (2011 MN MUTCD).

By Order number 92452 dated December 15, 2011 and published in the State Register of December 26, 2011, the Commissioner of Transportation (Commissioner) has adopted the 2011 MN MUTCD establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). The 2011 MN MUTCD correlates with and so far as possible conforms to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23 C.F.R. § 655.603 (2011).)

The Commissioner adopted revisions and changes to the 2011 MN MUTCD by Order numbers:
1) 93167 dated July 12, 2012 published in the State Register of July 23, 2012;
2) 93799 dated July 8, 2013 published in the State Register of August 5, 2013;
3) 94040 dated December 11, 2013 published in the State Register December 16, 2013;
4) 94687 dated February 10, 2015 published in the State Register of February 17, 2015, 94687 revised April 1, 2015 published in the State Register of April 13, 2015;

A multi-agency committee has reviewed the changes in the 2009 Federal MUTCD and recommended further revisions and additions.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), and 169.215, subd. 2 (2011), the Commissioner hereby adopts the revisions listed below:

Record of Revisions or Additions to the MN MUTCD

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<tr>
<th>Revision Number</th>
<th>Date Issued</th>
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<td>2/1/18</td>
<td>1A-i, 1A-18, 2B-i, 2B-ii, 2B-iii, 2B-6, 2B-14, 2B-16, 2B-57, 2B-58, 2C-i, 2C-19, 2C-20, 2D-ii, 2D-37, 2D-38, 2M-i, 2M-13, 2M-14, 3A-i, 3A-ii, 3B-32, 3F-3, 3F-4, 4A-i, 4A-iii, 4D-1, 4I-1, 5A-ii, 5G-1, 7A-i, 7D-1, 7F-1, 8A-i, 8A-ii, 8A-iii, 8A-1, 8B-9, 8B-20, 8C-11, 8C-13, 8C-14, 8C-15, 8C-16, 8C-17, 8D-2.</td>
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Signed this 2/1 day of February 2018.

[Signature]
Charles A. Zelle
Commissioner of Transportation
REVISIONS TO THE
2011 MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL
ORDER NO. 97233

This is the fifth order revising the 2011 Minnesota Manual on Uniform Traffic Control Devices (2011 MN MUTCD).

By Order number 92452 dated December 15, 2011 and published in the State Register of December 26, 2011, the Commissioner of Transportation (Commissioner) has adopted the 2011 MN MUTCD establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). The 2011 MN MUTCD correlates with and so far as possible conforms to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23 C.F.R. § 655.603 (2011).)

The Commissioner adopted revisions and changes to the 2011 MN MUTCD by Order numbers:
1) 93167 dated July 12, 2012 published in the State Register of July 23, 2012;
2) 93799 dated July 8, 2013 published in the State Register of August 5, 2013;
3) 94040 dated December 11, 2013 published in the State Register of December 16, 2013;
4) 94687 dated February 10, 2015 published in the State Register of February 17, 2015, 94687 revised April 1, 2015 published in the State Register of April 13, 2015.

A multi-agency committee has reviewed the changes in the 2009 Federal MUTCD and recommended further revisions and additions.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), and 169.215, subd. 2 (2011), the Commissioner hereby adopts the revisions listed below:

Record of Revisions or Additions to the MN MUTCD

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<td>5</td>
<td>1-30-18</td>
<td>Chapter 6K (the Field Manual) in its entirety.</td>
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Signed this 30 day of January 2018.

Charles A. Zelle
Commissioner of Transportation
REVISIONS TO THE
2011 MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL
ORDER NO. 94687

(This is a republication of the Commissioner's Order dated February 10, 2015
revising the record of revisions and additions)

This is the fourth order revising the 2011 Minnesota Manual on Uniform Traffic Control
Devices (2011 MN MUTCD).

By Order number 92452 dated December 15, 2011 and published in the State Register of
December 26, 2011, the Commissioner of Transportation (Commissioner) has adopted the
2011 MN MUTCD establishing a uniform system of traffic control devices for streets and
highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06,
Subdivision 1 (2011). The 2011 MN MUTCD correlates with and so far as possible
conforms to the current system as approved by the American Association of State
Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal
MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23
C.F.R. § 655.603 (2011).)

The Commissioner adopted revisions and changes to the 2011 MN MUTCD by Order
numbers:

93167 dated July 12, 2012 published in the State Register of July 23, 2012,
93799 dated July 8, 2013 published in the State Register of August 5, 2013, and

A multi-agency committee has reviewed the changes in the 2009 Federal MUTCD and
recommended further revisions and additions.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), and 169.215, subd. 2
(2011), the Commissioner hereby adopts the revisions listed below:

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Signed this 1st day of April, 2015.

Charles A. Zelle
Commissioner of Transportation
REVISIONS TO THE
2011 MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL

ORDER NO. 94687

This is the fourth order revising the 2011 Minnesota Manual on Uniform Traffic Control Devices (2011 MN MUTCD).

By Order number 92452 dated December 15, 2011 and published in the State Register of December 26, 2011, the Commissioner of Transportation (Commissioner) adopted the 2011 MN MUTCD establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). The 2011 MN MUTCD correlates with and so far as possible conforms to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2014); Federal Highway Administration, 23 C.F.R. § 655.603 (2014).)

The Commissioner adopted revisions and changes to the 2011 MN MUTCD by Order numbers:

93167 dated July 12, 2012 published in the State Register of July 23, 2012,
93799 dated July 8, 2013 published in the State Register of August 5, 2013, and

A multi-agency committee has reviewed the changes in the 2009 Federal MUTCD and recommended further revisions and additions.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2014), and 169.215, subd. 2 (2014), the Commissioner hereby adopts the revisions listed below:

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Signed this 10th day of February 2015.

[Signature]

Charles A. Zelle
Commissioner of Transportation
This is the third order revising the 2011 Minnesota Uniform Traffic Control Devices Manual (2011 MN MUTCD).

By Order number 92452 dated December 15, 2011 and published in the State Register of December 26, 2011, the Commissioner of Transportation (Commissioner) has adopted the 2011 MN MUTCD establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). The 2011 MN MUTCD correlates with and so far as possible conforms to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23 C.F.R. § 655.603 (2011).)

The Commissioner adopted revisions and changes to the 2011 MN MUTCD by Order numbers:

- 93167 dated July 12, 2012 published in the State Register of July 23, 2012, and

A multi-agency committee has reviewed the changes in the 2009 Federal MUTCD and recommended further revisions and additions.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), the Commissioner hereby adopts the recommended revisions and additions listed below:

Record of Revisions or Additions to the MN MUTCD

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<tr>
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</table>
This Order revises Commissioner's Order number 92452, dated December 19, 2011 as revised by Commissioner's Order number 93167 dated July 12, 2012 and 93799 dated July 8, 2013.

Signed this 11th day of December 2013.

Charles A. Zelle
Commissioner of Transportation
Revisions to the
Order No. 93799

The Commissioner of Transportation (Commissioner) has adopted the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD), dated December 15, 2011 establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). Such uniform system shall correlate with and so far as possible conform to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23 C.F.R. § 655.603 (2011).)

A multi-agency committee has recommended the revisions and additions after reviewing changes in the 2009 Federal MUTCD.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), the Commissioner hereby adopts the revisions listed below as Record of Revisions or Additions to the MN MUTCD.

This Order revises Commissioner’s Order 92452, dated December 15, 2011 as revised by Commissioner’s Order 93167 dated July 12, 2012.

Record of Revisions or Additions to the MN MUTCD

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This Order revises Commissioner's Order number 92452, dated December 19, 2011 as revised by Commissioner's Order number 93167 dated July 12, 2012.

Signed this 8th day of July 2013.

Charlie Zelle
Commissioner of Transportation
REVISIONS TO THE
2011 MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL
ORDER NO. 93167

The Commissioner of Transportation (Commissioner) has adopted the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD), dated December 15, 2011 establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota as required by Minnesota Statutes, Section 169.06, Subdivision 1 (2011). Such uniform system shall correlate with and so far as possible conform to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2011); Federal Highway Administration, 23 C.F.R. § 655.603 (2011).)

A multi-agency committee has recommended the revisions and additions after reviewing changes in the 2009 Federal MUTCD.

Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2011), the Commissioner hereby adopts the revisions listed below as Record of Revisions or Additions to the MN MUTCD.

This Order revises Commissioner's Order 92452, dated December 15, 2011.

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| 1               | 7/15/12     | v, viii, ix, 1A-4, 1A-28, 1A-29, 2A-i, 2A-5, 2A-18, 2B-1 thru 2B-6, 2B-8, 2B-11, 2B-15, 2B-34, 2B-35, 2B-38, 2B-41, 2B-45, 2B-46, 2B-51, 2B-53, 2B-56, 2B-57, 2C-3 thru 2C-5, 2C-11, 2C-13, 2C-17, 2C-18, 2C-20, 2C-21, 2C-24 thru 2C-28, 2C-30, 2C-34, 2D-23, 2D-27 thru 2D-29, 2E-6, 2E-33, 2E-37, 2E-41, 2E-51, 2F-6, 2G-2, 2G-11, 2G-16, 2I-2, 2I-5, 2I-9 thru 2I-11, 2I-13, 2J-5, 2M-1, 2M-2, 2M-9, 2N-2, 3B-27, 3B-35, 3D-1, 3D-39, 4D-46, 4E-3, 4E-5, 4E-6, 4F-3, 5B-2, 5C-2, 5C-3, 6D-1, 6D-2, 6D-4, 6E-1, 6F-3 thru 6F-5, 6F-7, 6F-16, 6F-18, 6F-20, 6F-21, 6F-29, 6F-37, 6F-41, 6F-52, 6G-1, 7A-i, 7B-1, 7B-5, 7B-6, 7B-9, 7B-11, 7C-1, 7D-1, 7E-a thru 7E-21, 8B-1 thru 8B-4, 8B-7 thru 8B-10, 8B-14, 8B-18, 8C-4, 8C-8, 8C-9, 9A-i, 9A-ii, 9B-2 thru 9B4, 9B-6, 9B-9, 9B-18, 9C-1, A2-1, C-1 thru C-10, C-13 thru C-70, C-73 thru C-86.
Dated at St. Paul, Minnesota, this 12th day of June, 2012.

Thomas K. Sorel
Commissioner of Transportation
The Commissioner of Transportation (Commissioner) shall adopt a manual and specifications establishing a uniform system of traffic control devices for streets and highways of the State of Minnesota. Such uniform system shall correlate with and so far as possible conform to the current system as approved by the American Association of State Highway Officials and the national Manual on Uniform Traffic Control Devices (Federal MUTCD). (Minn. Stat. § 169.06, subd. 1 (2008); Federal Highway Administration, 23 C.F.R. § 655.603 (2008).)


Pursuant to Minnesota Statutes, Section 169.06, subd. 1 (2008), the Commissioner hereby adopts the following as the 2011 Minnesota Manual on Uniform Traffic Control Devices.


II. Minnesota Department of Transportation Appendices:

A. APPENDIX A1 - Congressional Legislation
B. APPENDIX A2 - Metric Conversions
C. APPENDIX A3 - Retroreflective Sheeting Identification Guidelines
D. APPENDIX B - Warrants, Standards, and Guidelines for Traffic Control Devices used at Senior Citizen and Handicapped Pedestrian Crossings
E. APPENDIX C - Sign Listings & Recommended Sizes

III. State of Minnesota, Department of Transportation, additional sections, revisions, and corrections to the 2009 Federal MUTCD.
It is further ordered that the provisions of the 2011 MN MUTCD shall be implemented and applied to all traffic control devices installed on or after January 1, 2012 upon highways within the State except for those traffic control devices which conform to the 2005 edition of the MN MUTCD with its 3 revisions and are on order or under contract prior to January 1, 2012. All existing traffic control devices or installations not in conformance with standards in the 2011 MN MUTCD shall be changed to conform to the new standards herein when replacement occurs.


Dated at St. Paul, Minnesota, this 15th day of December, 2011.

[Signature]

Thomas K. Sorel
Commissioner of Transportation
PART 1. GENERAL
Chapter 1A. GENERAL

PART 2. SIGNS
Chapter 2A. GENERAL
Chapter 2B. REGULATORY SIGNS
Chapter 2C. WARNING SIGNS AND OBJECT MARKERS
Chapter 2D. GUIDE SIGNS - CONVENTIONAL ROADS
Chapter 2E. GUIDE SIGNS - FREEWAYS AND EXPRESSWAYS
Chapter 2F. TOLL ROAD SIGNS
Chapter 2G. PREFERENTIAL AND MANAGED LANE SIGNS
Chapter 2H. GENERAL INFORMATION SIGNS
Chapter 2I. GENERAL SERVICE SIGNS
Chapter 2J. SPECIFIC SERVICE (LOGO) SIGNS
Chapter 2K. TOURIST-ORIENTED DIRECTIONAL SIGNS
Chapter 2L. CHANGEABLE MESSAGE SIGNS
Chapter 2M. RECREATIONAL AND CULTURAL INTEREST AREA SIGNS
Chapter 2N. EMERGENCY MANAGEMENT SIGNING

PART 3. MARKINGS
Chapter 3A. GENERAL
Chapter 3B. PAVEMENT AND CURB MARKINGS
Chapter 3C. ROUNDBACK MARKINGS
Chapter 3D. MARKINGS FOR PREFERENTIAL LANES
Chapter 3E. MARKINGS FOR TOLL PLAZAS
Chapter 3F. DELINEATORS
Chapter 3G. COLORED PAVEMENTS
Chapter 3H. CHANNELIZING DEVICES USED FOR EMPHASIS OF PAVEMENT MARKING PATTERNS
Chapter 3I. ISLANDS
Chapter 3J. RUMBLE STRIP MARKINGS

PART 4. HIGHWAY TRAFFIC SIGNALS
Chapter 4A. GENERAL
Chapter 4B. TRAFFIC CONTROL SIGNALS - GENERAL
Chapter 4C. TRAFFIC CONTROL SIGNAL NEEDS STUDIES
Chapter 4D. TRAFFIC CONTROL SIGNAL FEATURES
Chapter 4E. PEDESTRIAN CONTROL FEATURES
Chapter 4F. PEDESTRIAN HYBRID BEACONS
Chapter 4G. TRAFFIC CONTROL SIGNALS AND HYBRID BEACONS FOR EMERGENCY VEHICLE ACCESS
Chapter 4H. TRAFFIC CONTROL SIGNALS FOR ONE-LANE, TWO-WAY FACILITIES
Chapter 4I. TRAFFIC CONTROL SIGNALS FOR FREEWAY ENTRANCE RAMPS
Chapter 4J. TRAFFIC CONTROL FOR MOVABLE BRIDGES
Chapter 4K. HIGHWAY TRAFFIC SIGNALS AT TOLL PLAZAS
Chapter 4L. FLASHING BEACONS
Chapter 4M. LANE-USE CONTROL SIGNALS
Chapter 4N. IN-ROADWAY LIGHTS
Chapter 4O. ADVANCE WARNING FLASHERS
Chapter 4P. TRAFFIC CONTROL SIGNALS FOR DIVIDED HIGHWAYS
TABLE OF CONTENTS

PART 5. TRAFFIC CONTROL DEVICES FOR LOW VOLUME ROADS
   Chapter 5A. GENERAL
   Chapter 5B. REGULATORY SIGNS
   Chapter 5C. WARNING SIGNS
   Chapter 5D. GUIDE SIGNS
   Chapter 5E. MARKINGS
   Chapter 5F. TRAFFIC CONTROL FOR HIGHWAY-RAIL GRADE CROSSINGS
   Chapter 5G. TEMPORARY TRAFFIC CONTROL ZONES
   Chapter 5H. TRAFFIC CONTROL FOR SCHOOL AREAS

PART 6. TEMPORARY TRAFFIC CONTROL
   Chapter 6A. GENERAL
   Chapter 6B. FUNDAMENTAL PRINCIPLES
   Chapter 6C. TEMPORARY TRAFFIC CONTROL ELEMENTS
   Chapter 6D. PEDESTRIAN AND WORKER SAFETY
   Chapter 6E. FLAGGER CONTROL
   Chapter 6F. TEMPORARY TRAFFIC CONTROL ZONE DEVICES
   Chapter 6G. TYPE OF TEMPORARY TRAFFIC CONTROL ZONE ACTIVITIES
   Chapter 6H. SPEED LIMITS IN TEMPORARY TRAFFIC CONTROL ZONES
   Chapter 6I. CONTROL OF TRAFFIC THROUGH TRAFFIC INCIDENT MANAGEMENT AREAS
   Chapter 6J. LONG TERM TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS
   Chapter 6K MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL

PART 7. TRAFFIC CONTROLS FOR SCHOOL AREAS
   Chapter 7A. GENERAL
   Chapter 7B. SIGNS
   Chapter 7C. MARKINGS
   Chapter 7D. CROSSING SUPERVISION
   Chapter 7E SPEED LIMITS IN SCHOOL ZONES

PART 8. TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS
   Chapter 8A. GENERAL
   Chapter 8B. SIGNS AND MARKINGS
   Chapter 8C. FLASHING LIGHT SIGNALS, GATES, AND TRAFFIC CONTROL SIGNALS
   Chapter 8D. PATHWAY GRADE CROSSINGS

PART 9. TRAFFIC CONTROLS FOR BICYCLE FACILITIES
   Chapter 9A. GENERAL
   Chapter 9B. SIGNS
   Chapter 9C. MARKINGS
   Chapter 9D. SIGNALS

Appendix A1 CONGRESSIONAL LEGISLATION
Appendix A2 METRIC CONVERSIONS
Appendix A3 RETROREFLECTIVE SHEETING IDENTIFICATION GUIDE
Appendix C SIGN LISTING