CHANGE LIST for

MDOT Traffic and Safety Sign Support Standard Plans

Located at http://mdotcf.state.mi.us/public/tands/plans.cfm
Located in the “Traffic Signing” Category.

April 27, 2017: The following updates were made to the web site.

SIGN-100-G: Dated 02/16/17
Standard was returned to Special Detail and renamed SIGN-100-G

SIGN-120-D: Dated 02/13/17
Standard was returned to Special Detail and renamed SIGN-100-E

July 26, 2016: The following updates were made to the web site.

SIGN-207-C: Dated 05/01/16
Standard was returned to Special Detail and renamed SIGN-207-D

May 24, 2016: The following updates were made to the web site.

SIGN-110-D: Dated 03/31/16
Standard was returned to Special Detail and renamed Sign-110-E

March 22, 2016: The following updates were made to the web site.

SIGN-700-C: Dated 01/25/16
Standard was returned to Special Detail and renamed Sign-700-D

June 23, 2015: The following updates were made to the web site.

SIGN-100-F: Approved as a Standard, returned to Signing Standards from Special Details.
- Removed signs R3-7a and W6-4
- Changed “Sign Type” on various signs to Type VA and VB
- Added R6-1 (54” x 18”)
- Altered dimensions for W13-1 from 24” to 30”
- Sheet 2 of 3: Changed “Support size” for E5-1 and E5-1a to include 4” x 6” wood supports as an option

SIGN-150-D: Approved as a Standard, returned to Signing Standards from Special Details.
- Added Note “Review SIGN-100-SERIES and SIGN-110-SERIES for support selection prior to using SIGN-150-SERIES” to selection charts. The note is
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intended to avoid conflicts between the support selection information from SIGN-150 and the standard supports shown in SIGN-100 and 110 series.
- Added sign support selection charts for 1:6 slope section for freeway and non-freeway.

SIGN-200-D: Approved as a Standard, returned to Signing Standards from Special Details.
- Removed image showing bolted together 3# posts (6# post) and explanation from sheet 1
- Added notes 7 and 8 referencing the maximum square footage for a sign on 3# posts on sheet 3

SIGN-207-C: Approved as a Standard, returned to Signing Standards from Special Details.
- Standard was returned to Special Detail and renamed SIGN-207-C
- Sheet 12: Changed galvanized tubing dimensions for front elevation from 2 1/2” x 2 1/2” to 2” x 2”
- Sheet 12: Changed galvanized tubing dimensions for base plate details from 2 1/4” x 2 1/4” to 1 3/4” x 1 3/4” and added “(stub)”
- Sheet 13: Changed galvanized tubing dimensions for front elevation from 2 1/2” x 2 1/2” to 2” x 2”
- Sheet 13: Changed galvanized tubing dimensions for right side view from 2 1/4” x 2 1/4” to 1 3/4” x 1 3/4”

SIGN-210-B: Approved as a Standard, returned to Signing Standards from Special Details.
- Added centerline symbol on End View on sheet 2
- Added note 8 referencing centering signs on sheet 5

SIGN-220-C: Approved as a Standard, returned to Signing Standards from Special Details.
- Added to note in shim detail on sheet 1: “A maximum of 2 shims per column shall be used. Any combination of shims is allowed as long as the total number of shims does not exceed 2 per column.”
- Removed mention of step E from Column End View detail on sheet 1 (Step E was consolidated into the Step D in a previous change)
- Added “(36 KSI minimum)” to the Elevation detail on sheet 1

SIGN-700-C: Approved as a Standard, returned to Signing Standards from Special Details.
- Changed “Erection L’s” to “Erection Angles” under Steel Column Breakaway Elevation View detail on sheet 4
- Added “Erection Angles” to the Steel Column Breakaway Plan View detail on sheet 4
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March 2, 2015

SIGN-150-C: Dated 01/14/15
Standard was returned to Special Detail and renamed Sign-150-D

SIGN-207-B: 02/23/15
Standard was returned to Special Detail and renamed Sign-207-C

December 16, 2014

SIGN-100-E: Dated 08/06/14
Standard was returned to Special Detail and renamed SIGN-100-F

SIGN-200-C: Dated 08/06/14
Standard was returned to Special Detail and renamed SIGN-200-D

SIGN-210-A: Dated 08/13/14
Standard was returned to Special Detail and renamed SIGN-210-B

SIGN-220-B: Dated 12/02/14
Standard was returned to Special Detail and renamed SIGN-220-C

SIGN-700-B: Dated 08/06/14
Standard was returned to Special Detail and renamed SIGN-700-C

October 22, 2014

Sign-110-d: Dated 08/13/2014
Signing Special Detail, returned to Sign Support Standard Plans.

Sign-207-b: Dated 08/13/2014
Signing Special Detail, returned to Sign Support Standard Plans.

July 24, 2014:

SIGN-110-c: Dated 02/07/14
Standard was returned to Special Detail and renamed Sign-110-d

SIGN-207-a: Dated 09/15/11.
Standard was returned to Special Detail and renamed Sign-207-b

February 18, 2014:
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Sign-110-c, Sign-200-c: Dated 02/07/14
Signing Special Details, returned to Sign Support Standard Plans.

Signing Special Details, returned to Sign Support Standard Plans

November 19, 2013: The following updates were made to the web site.

Sign-110-c: Standard, returned to Signing Special Details.
Sign-200-c: Standard, returned to Signing Special Details.

August 20, 2013: The following updates were made to the web site.

Sign-720-b: Standard, returned to Signing Special Details.
Sign-820-b: Standard, returned to Signing Special Details.
Sign-870-b: Standard, returned to Signing Special Details.
Sign-890-b: Standard, returned to Signing Special Details.

July 16, 2013:

The following updates were made to the web site.

Sign-740-b Approved as a Standard, returned to Signing Standards from Special Details.
Sheet 4 of 5 the words “Strap and Strapping” changed to “Band and Banding” respectively to match 2012 Standard Specification for Construction.
Added note # 4.

March 20, 2012: The following updates were made to the web site.

Updated signing notes pertaining to MDOT standard specifications for Construction from “2003” to “current edition” and updated reference sections per new edition for the following standards:

SIGN-200-B: Dated 08/11/11, Sheet 3 of 3, note #2
SIGN-207-A: Dated 08/11/11, Sheet 14 of 14, note #1
SIGN-210-A: Dated 03/01/05, Sheet 5 of 5, note #6
SIGN-220-B: Dated 06/01/06, Sheet 1 of 3
SIGN-230-A: Dated 03/01/05, Sheet 2 of 2, note #4
SIGN-300-A: Dated 08/11/11, Sheet 7 of 7, note #3
SIGN-340-A: Dated 08/11/11, Sheet 3 of 7, note #1
SIGN-350-A: Dated 08/11/11, Sheet 3 of 6, note #1
SIGN-360-A: Dated 08/11/11, Sheet 2 of 10, note #4
SIGN-370-A: Dated 08/11/11, Sheet 2 of 10, note #4
SIGN-380-A: Dated 08/11/11, Sheet 5 of 5, note #3
SIGN-700-B: Dated 07/20/11, Sheet 5 of 5, note #10
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SIGN-710-A: Dated 03/01/05, Sheet 1 of 1, note #3
SIGN-720-A: Dated 03/01/05, Sheet 2 of 2, note #1
SIGN-740-A: Dated 03/01/05, Sheet 2 of 5, note #2
SIGN-750-A: Dated 08/11/11, Sheet 1 of 1, note #2
SIGN-800-A: Dated 08/11/11, Sheet 11 of 12, note #6,9,11,17
SIGN-810-A: Dated 08/11/11, Sheet 10 of 11, note #9,13
SIGN-820-A: Dated 08/11/11, Sheet 8 of 8, note #10,12
SIGN-830-A: Dated 08/11/11, Sheet 8 of 8, note #10,12,15
SIGN-850-A: Dated 08/11/11, Sheet 3 of 3, note #9,13,
SIGN-870-A: Dated 08/11/11, Sheet 3 of 4, note #9,13
SIGN-880-A: Dated 08/11/11, Sheet 3 of 4, note #6,8,13
SIGN-890-A: Dated 08/11/11, Sheet 4 of 5, note #6,9,13

Updated signing notes pertaining to AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals from "4th edition" to “current edition” for the following standards:

SIGN-360-A: Sheet 2 of 10, note #1 SIGN-870-A: Sheet 4 of 4, note #22
SIGN-370-A: Sheet 2 of 10, note #1 SIGN-880-A: Sheet 4 of 4, note #21
SIGN-380-A: Sheet 5 of 5, note #2 SIGN-890-A: Sheet 5 of 5, note #22
SIGN-800-A: Sheet 12 of 12, note #22
SIGN-810-A: Sheet 11 of 11, note #19
SIGN-820-A: Sheet 8 of 8, note #20
SIGN-830-A: Sheet 8 of 8, note #20
SIGN-850-A: Sheet 3 of 3, note #22

January 17, 2012: The following updates were made to the web site.

Sign-120-D Roadside Sign Locations& Support Spacing
Sheet 7 of 8: Inserted text “4- Do Not Enter and Wrong Way Signs For Freeway Ramps” under the heading “Ramps/Crossroads”

Note 2: revised to add WRONG WAY/ DO NOT ENTER signs.

Sheet 8 of 8: Added Note #7 “Wrong Way and Do Not Enter Sign Support for Freeway Ramps shall have Red Reflective Sheeting installed on the Sign Supports

Note 3: Changed the word “contract” to “elevation”.

November 15, 2011: The following updates were made to the web site.

SNSUP-INDEX-A:

The following revised Standard Plans has been approved and shows a date of August 08, 2011 FHWA approval:
Sign-100-D to Sign-100-E, Sign-150-B to Sign-150-C, Sign-700-A to Sign-700-B
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Sign-130-A to Sign-130-B, Sign-200-A to Sign-200-B, Sign-760-A to Sign-760-B

The following Special Details has been approved as Standard Plans and shows a date of September 15, 2011 FHWA approval:
Sign-300-A, Sign-370-A, Sign-520-A, Sign-600-A, Sign-810-A, Sign-870-A,
Sign-350-A

SIGN-100 Standard Sign Installations
Changed “H” in diagrams to “S”; S = 2 inch

Sheet 1 of 3: Added 30”x 36” dimension for R2-1

Sheet 2 of 3: Added 42”x 30” dimension for 5-1a
Added 24” x 36” dimension for W1-8
Deleted old Mile Markers D10-1, 2, 3
The enhanced MM (D10-4, 5) can use 4” X6” Wood Post.

SIGN -115-a Sign Location Code Placement
Sheet 1 of 10: Fixed sign placement on the roadway diagram

Sheet 7 of 10:
Added Overhead Plastic, Heavy Gauge Alum., Sandwiched Mat’l, and Corrugated Plastic to the Material Type Column. Insert a list of new supports for the Support Type Column.

SIGN-130 Railroad Crossing Sign
Sheet 1-2: Revised notes referring Type III to Type IX

SIGN-150 Sign Support Selection Chart
Sheet 2-5: Removed all occurrences of 4”x 6” and 6”x 8” Wood Post under the 3-foot sign width column.

SIGN-160 Cantilever Sign Support Selection Chart
Sheet 1 of 1: Changed “80” MPH Wind Zone to “90”

SIGN-207 Perforated Steel Square Tube Sign Breakaway System
Sheet 13 of 14: Added “Sq. (12 ga) galvanized tubing” after the word “stub for Right Side View.

Sheet 14 of 14:
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Revised note #5 to read: “Square tube support suitable for single sign connection with a maximum of 7.5 sft. Back to back sign connections have a maximum of 15 sft.”

Revised note #7 to read: “Use the concrete median barrier connection (square tube support) when installing signs on concrete barriers having a top width of 6 inches or wider.”

SIGN-700 Truss, Cantilever, Column and Exit Number Connection Details
Sheet 2 of 5: Insert notes about sign height and max/min underclearance for Type E Trusses.

December 15, 2009: The following updates were made to the web site.

SIGN-760-B: Moved to Sign Support Special Details, as an Interim Special Detail.

SNSUP-INDEX-A: Sheet 1 of 2 changed Sign-760-B from a Standard to an Interim Special Detail.

December 04, 2009: The following updates were made to the web site.

Sheet 1 of 2: Changed standard plan number from Sign-100-C to Sign-100-D and changed from a Special Detail to a Standard, FHWA approval date 10/22/09.
Changed standard plan number from Sign-115-A to Sign-115-B and changed from a Special Detail to a Standard, FHWA approval date 10/22/09.
Changed standard plan number from Sign-120-A to Sign-120-B and changed from a Special Detail to a Standard, FHWA approval date 10/22/09.
Changed standard plan number from Sign-150-A to Sign-150-B and changed from a Special Detail to a Standard, FHWA approval date 10/22/09.

November 17, 2009: The following updates were made to the web site.

SIGN-100-D, SIGN-120-B, and SIGN-150-B: Returned to Signing Standards from Interim Special Details.


March 17, 2009: The following updates were made to the web site.

SIGN-120-C: Moved to Sign Support Special Details, as an Interim Special Detail.

February 17, 2009: The following updates were made to the web site.
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SIGN-120-C: Dated 01/20/2009
Sheets #1-3 Changed the 7 foot dimension from the ground to the bottom of the sign, to the roadway to the bottom of the sign.

SIGN-150-A: Dated 01/20/2009
Moved to Sign Support Special Details, as an Interim Special Detail.

October 04, 2007: The following updates were made to the web site.

Signsup-Index-A: Sheet #1 of 2 changed Sign-200-A to a Special Detail.

SIGN-200-A: Changed from “Standard” SIGN-200-A to a “Special Detail”. Note that SIGN-200-A will need to be included in Contract Plan Sets along with other Special Details.
Sheet #2 of 3, removed “6 lbs Steel Post” because it isn’t NCHRP 350 crash compliant.

May 10, 2007: The following updates were made to the web site.

SIGN-210-A:
Sheet 1 of 5 read (ASTM A-653) instead of (ASTM A-569) because (ASTM A-569) became obsolete.

SIGN-700-A:
Sheet 3 of 5: In U-Bolt note read 2” instead of 1 ¼”.

April 19, 2007: The following updates were made to the web site.

SIGN-100-C:
Changed from “Standard” SIGN-100-B to a “Special Detail”. Note that SIGN-100-C will need to be included in Contract Plan Sets along with other Special Details.

Sheet 2 of 3 Added sign type 3 to E5-1A to No. column.
Changed D10-4 and D10-5 sign type from IIA to IIIA.
Sheet 3 of 3 added to Note #5.

August 31, 2006: The following updates were made to the web site. Standard Plans show a date of August 28, 2006 FHWA approval.

SIGN-100-B STANDARD SIGN INSTALLATIONS:
Sheet 1 of 3
R2-4a: Changed sign to read 70 instead of 55 and TRUCKS 60 instead of MINIMUM 45.
R2-4b: Added row of information.
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W1-1 (36) etc.: In Sign column Change 35 M.P.H. to 25 M.P.H.

Sheet 2 of 3
In column “Support Size” read: Refer to Special Detail VIII 205 instead of 4”x6” (Nominal Wood).
In column “Support-Size” read: Refer to Special Detail VIII 205 instead of 3 lbs.
In column “Bottom-Height”: read 4 ft instead of 6 ft.

SIGN-110-B STANDARD ROUTE MARKER INSTALLATIONS:
In column "Sign" added Shield
In column "Sign Type" changed all IIIA to IIIB

SIGN-160-B CANTILEVER SIGN SUPPORT SELECTION CHART:
Moved “TYPE E CANTILEVER” note to above the curve and added “TRUSS” below the curve.

SIGN-211-A: Deleted.

SIGN-220-B STEEL COLUMN BREAK-AWAY (W):
Sheet 1 of 3: Changed washer thickness from 0.109” +/- 0.010 to 0.125
Sheet 3 of 3: Delete note 1.E and added "USE COLORED LOCTITE" to note 1.D

December 22, 2005: The following updates were made to the web site. Standard Plans show a date of August 17, 2005 FHWA approval.

SIGN SUPPORT STANDARDS AND SPECIAL DETAILS

Nineteen “Sign Support Special Details” have been converted to “Sign Support Standards” by request of the Federal Highway Administration and MDOT’s Design Support Area. Twenty-nine of the VIII series remain as Sign Support Special Details.

Sign Support Standards:

These new Sign Support Standards DO NOT HAVE TO BE INSERTED into plan sets.

Sign Support Special Details:

These existing Sign Support Special Details ARE REQUIRED TO BE INSERTED into plan sets.
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The Sign Support Index (identical for Sign Support Standards and Special Details) has been updated to indicate which plans are Standards and which are Special Details.