CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

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

September 15, 2017

SIGN-300-B: Dated 09/15/17
Standard was returned to Special Detail and renamed SIGN-300-B

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:
- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-300.
- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-300.
- Font. All font was capitalized on each sheet for clarity.

September 15, 2017

SIGN-360-B: Dated 09/15/17
Standard was returned to Special Detail and renamed SIGN-360-B

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:
- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-300.
- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-300.
- Font. All font was capitalized on each sheet for clarity.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

September 15, 2017

SIGN-370-B: Dated 09/15/17
Standard was returned to Special Detail and renamed SIGN-370-B

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:

- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-370.
- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-370.
- Font. All font was capitalized on each sheet for clarity.

September 15, 2017

SIGN-500-B: Dated 09/15/17
Standards 500-A and 510-A was combined, renamed SIGN-500-B and returned to Special Detail

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:

- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-500.
- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-500.
- Font. All font was capitalized on each sheet for clarity.
September 15, 2017

SIGN-520-B: Dated 09/15/17
Standards 520-A and 530-A was combined, renamed SIGN-520-B and returned to Special Detail

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:
- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-520.
- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-520.
- Font. All font was capitalized on each sheet for clarity.

September 15, 2017

SIGN-540-B: Dated 09/15/17
Standards 540-A and 550-A was combined, renamed SIGN-540-B and returned to Special Detail

Changes were made to each sheet to conform to a drafting standard. All edits to the standard were cosmetic, no changes in the design of the structure were made. All edits and changes include:
- Line weights. Each sheet was updated to have a standardization in light weights. All titles received a line weight of 2. All structural concrete received a line weight of 2. All structural steel received a line weight of 1. Everything else received a line weight 0.
- Dimensioning. Dimensions were updated and added to details to give clarity for fabrication.
- Weld Symbols. All weld call outs were changed to be in conformance with American Welding Society (AWS) D1.1:2010, Structural Welding Code-Steel.
- General Notes. General note section was edited to conform to the current standards for the construction of Sign-540.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

- Detail Notes. Notes pertaining to details were updated to conform to the current standards for the construction of Sign-540.
- Font. All font was capitalized on each sheet for clarity.

July 26, 2016

SIGN-207-C: Dated 5/1/16
Standard was returned to Special Detail and renamed SIGN-207-D

Sheet 14 of 15:
- Old Note 4: “Pipe support suitable for a single sign connection with a maximum of 4 sq. ft. & a back to back sign connection with a maximum of 8 sq. ft.” – Eliminated. This note is addressed in sign standards SIGN-720 and SIGN-730.
- All notes were renumbered after eliminating note 4.
- Old Note 5 (New Note 4): Changed allowable maximum square footage for single sign connection from 7.5 sft to 9 sft. Changed allowable maximum square footage for back to back sign connection from 15 sft to 18 sft.

May 24, 2016

SIGN-110-D: Dated 3/31/16
Standard was returned to Special Detail and renamed SIGN-110-E

Sheet 1 of 5:
- Added rows for the new M1-6 sizes added in the SHS for 3 digit shields

March 22, 2016

SIGN-700-C: Dated 1/25/16
Standard was returned to Special Detail and renamed SIGN-700-D

Sheet 1 of 5:
- Changed “Truss” section to “Sign Location Detail”
- Changed note for elevation to say “location detail” in place of “location plan”
- Added end support column to truss detail

Sheet 2 of 5:
- Added “End support column” to Elevation detail
- Changed note for elevation to say “location detail” in place of “location plan”
- Changed notes to clarify sign dimensions and placement for different truss types

June 23, 2015
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-100-F, SIGN-200-D, SIGN-207-C, SIGN-210-B, SIGN-220-C, SIGN-700-C:
Dated 05/01/15
Signing Special Details, returned to Sign Support Standard Plans.

SIGN-150-D: Dated 04/13/15
Signing Special Detail, returned to Sign Support Standard Plans.

March 2, 2015:

SIGN-150-C: Dated 01/14/15
Standard was returned to Special Detail and renamed SIGN-150-D
Updated sign selection charts as per the 2013 AASHTO Standard Specifications for
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 intended
to avoid conflicts between the support selection chart and SIGN-100 and 110 series.
Added sign support selection charts for 1:6 slope section for freeway and non-
freeway.

SIGN-207-B: Dated 02/23/15
Standard was returned to Special Detail and renamed SIGN-207-C
Sheet 12: Changed galvanized tubing dimensions for front elevation from 2 ½” x 2
½” to 2” x 2”. Changed galvanized tubing dimensions for base plate details from 2 ¼”
x 2 ¼” to 1 ¾” x 1 ¾” and added “(stub)”.
Sheet 13: Changed galvanized tubing dimensions for right side view from 2 ¼” x 2
¼” to 1 ¾” x 1 ¾”. Changed galvanized tubing dimensions for front elevation from 2
½” x 2 ½” to 2” x 2”.

December 16, 2014:

SIGN-100-E: Dated 08/06/14
Standard was returned to Special Detail and renamed SIGN-100-F
Removed signs R3-7a and W6-4.
Changed “Sign Type” on various signs to Type VA and VB
Added R6-1 (54”x18”).
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-200-C: Dated 08/06/14
Standard was returned to Special Detail and renamed SIGN-200-D
Removed image showing bolted together 3# posts (6# post) and explanation from
sheet 1.
Added note 7 and 8 referencing the max square footage for a sign on 3# posts on
sheet 3.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-210-A: Dated 08/13/14
Standard was returned to Special Detail and renamed SIGN-210-B
Added centerline symbol on End View on sheet 2.
Added note 8 referencing centering signs on sheet 5.

SIGN-220-B: Dated 12/02/14
Standard was returned to Special Detail and renamed SIGN-220-C
Added to note in shim detail on sheet 1: "A max. 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 Step D in a previous change).
Added “(36 ksi minimum)” to the Elevation detail on sheet 1

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

October 22, 2014

Sign-110-d, Sign-207-b: Dated 08/13/14
Signing Special Details, 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
Changed incorrect M6-8 references on pages 1, 2, and 3, and removed “S” from “END” sign and replaced with proper M4-6 reference. Arranged the lists in numerical order with new change.

Sign-207-a: Dated 09/15/11.
Standard was returned to Special Detail and renamed Sign-207-b
On sheet 7 changed the number of bolts for M-05 from 4 to 2.
On sheet 8 changed #14 on checklist to reflect the correct number of bolts for installation. (2)
Added sheet 15 – took information from previous version

February 18, 2014:

Sign-110-c, Sign-200-c: Dated 02/07/14
Signing Special Details, returned to Sign Support Standard Plans.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Signing Special Details, returned to Sign Support Standard Plans.

December 17, 2013:
The following updates were made to the web site.

**Sign-330-a** Standard was returned to Special Detail and renamed Sign-330-b.

**Sheet 4 of 4:**
Removed the reference “Galvanized 18” min. from top”. Replaced the last sentence of the Anchor Bolt Information Section to: “Anchor bolts, nuts, and washers shall be per Section 908.14 of the MDOT Standard Specifications for Construction.

**Sign-340-a** Standard was returned to Special Detail and renamed Sign-340-b.

**Sheet 3 of 7:**
Removed the reference “Galvanized 20” min. from top”. Updated sentence numeral 2: “Anchor bolts, nuts, and washers shall be per Section 908.14 of the MDOT Standard Specifications for Construction.

**Sign-350-a** Standard was returned to Special Detail and renamed Sign-350-b.

**Sheet 3 of 6:**
Removed the reference “Galvanized 20” min. from top”. Updated sentence numeral 2: “Anchor bolts, nuts, and washers shall be per Section 908.14 of the MDOT Standard Specifications for Construction.

**Sign-600-a** Standard was returned to Special Detail and renamed Sign-600-b.

**Sheet 2 of 2:**
Removed the reference “Galvanize nuts, washers & top 20” of bolt”. Updated first sentence of numeral 3: “Anchor bolts, nuts, and washers shall be per Section 908.14 of the MDOT Standard Specifications for Construction.

**Sign-610-a** Standard was returned to Special Detail and renamed Sign-610-b.

**Sheet 2 of 3:**
Removed the reference “Galvanize 20” Min from top and kept 1 1/2” Dia.

**Sheet 3 of 3:**
Updated Note Number 3 to “Anchor bolts, nuts, and washers shall be per Section 908.14 of the MDOT Standard Specifications for Construction.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

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

Sign-110-b Standard was returned to Special Detail and renamed Sign-110-c.

Changed the plan date from 06/01/06 to 9/16/13. Removed FHWA Approval Date, Bureau of Field Services Signature, and Highway Development Signature. Changed “Drawn by” initials from DHD to BMS. Removed ALL mentions of 6 lb steel posts and everything associated with the 6 lb post in the steel supports rows.

Sheet 4 of 5:
Changed the 8th row steel support type from 6 lb post to 3 lb post. Added new post lengths (16’ and 18’) and put in standard bottom height (7’). Changed on of the options for the wood support length from 18’ to 16’.

Sheet 5 of 5:
Removed the note stating “6 lbs steel supports shall only be used behind guardrail”.

Sign-200-b Standard was returned to Special Detail and renamed Sign-200-c.

Sheet 3 of 3:
Note 6: Removed “OR 6 lbs STEEL POSTS” from the second sentence of the note.

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

Sign-720-a Standard was returned to Special Detail and renamed Sign-720-b. Changed welds to bolts.
Sign-820-a Standard was returned to Special Detail and renamed Sign-820-b. Changed welds to bolts.
Sign-870-a Standard was returned to Special Detail and renamed Sign-870-b. Changed welds to bolts.
Sign-890-a Standard was returned to Special Detail and renamed Sign-890-b. Added missing dimension to Detail D on pg 1.
Sign-899-a Changed welds to bolts.

May 21, 2013:
The following updates were made to the web site.

Sign-740-a Standard was returned to Special Detail and renamed Sign-740-b Sheet 4 of 5 the words “Strap and Strapping” changed to “Band and Banding” respectively to match 2012 Standard Specification for Construction.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Added note # 4.

April 16, 2013:
The following updates were made to the web site.

Changed the angle to cantilever arm from a weld to a bolted connection for SIGN 831-A and SIGN 899-A

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

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

General Notes: Sheet 2 of 3, note# 23, Sheet 3 of 3, note# 24,25
SIGN 205-A: Sheet 14 of 14, note# 6
SIGN 896-A: Sheet 4 of 4, note# 3
SIGN 897-A: Sheet 5 of 5, note# 2
SIGN 898-A: Sheet 3 of 4, note# 3
SIGN 899-A: Sheet 4 of 5, note# 3, Sheet 5 of 5, note# 14

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

SNSUP-INDEX-A:
The following Special Details has been approved to Standard Plans with FHWA approval date- 09/15/2011:

Added Sign-831-A to table of contents
Revised Sign-220-B FHWA approval date to “08/17/05”

General Notes:
Deleted previous Note: 2, 3, 4, 7, 12, 16, 17, 23, 24, 25, 28, 31,
And re-numbered accordingly.

Sheet 1 of 3:
Revised Note #9 to read: “This turf treatment is included in the unit pricing for the contract pay items for Overhead Structure Foundations and Wood support Foundation Removal as called on plans.”

Note #11: Removed “including revisions” from the second sentence.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 2 of 3:
Note #18: Changed “MDOT Sign Fabrication Shop” to “MDOT Central Sign Shop”
Note #19 and #21: Changed “engineer” to “project engineer/inspector”

March 15, 2010: The following updates were made to the web site

Sign 300-A – Added minimum sign height on page 7 of 6.5 feet
Sign 370-A – Added minimum sign height on page 2 of 8.5 feet

November 16, 2010: The following updates were made to the web site

General Notes: Deleted note #28 (Page 3 of 3) and re-numbered accordingly.

August 17, 2010: The following updates were made to the web site

General Notes: Sheet 1 of 3, Deleted the following from note #6:
[On contracts without "Contractor Staking, Road Only," the Engineer shall supply bridge under clearance information to the Contractor prior to fabrication of W12-3 signs. In addition, on contracts without "Contractor Staking, Road Only," the Contractor is responsible for staking all new sign locations as shown on the plans.]

Bridge connections:
Sign 800-A- Added note to pgs 1,2,3,4,7,8, and 9 referring them to “see pg 10 of 12 for bolt detail.”
Sign 810-A- Added note to pgs 6, and 7 referring them to “see pg 5 of 11 for bolt detail.”
Sign 820-A- Added note to pg 5 referring them to “see pg 3 of 8 for bolt detail.” Page 2 of 7 replaced Plan View Type F and G with Plan View Type F and G from VIII-820-A. Page 3 of 7 replaced Detail B with Detail B from VIII-820-A.
Sign 830-A- Added note to pgs 3 and 4 referring them to “see pg 5 of 8 for bolt detail.”
Sign 831-A- Added bolt detail to pg 2 of 3
Sign 896-A- Added bolt detail to pg 1 of 4
Sign 897-A- Added note to pgs 1, 3 and 4 referring them to “see pg 2 of 5 for bolt detail.”
Sign 899-A- Added bolt detail to pg 3 of 5

May 25, 2010: The following updates were made to the web site

SIGN-300-A: Sheet 1 of 7, Removed rounded pipe cap
SIGN-300-A: Sheet 6 of 7, Modified rounded pipe cap detail

February 16, 2010: The following updates were made to the web site
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-300-A: Sheet 2 of 7, Section A-A, Added Weld symbol. Sheet 5 of 7, Detail 3-Top, Changed weld size ¼” to ½”. Added weld symbol. Detail 3-Front, Changed weld size ¼” to ½”. Detail 5, Added a cross-hatch detail with a ¾” dimension. Sheet 6 of 7, Section B-B, Changed weld size ¼” to ½”.

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

SIGN-360-A: Sheet 2 of 10, note 17 added “or ASTM A500, Grade B HSS “. 6 5/8” X 0.432”.

SIGN-370-A: Sheet 2 of 10, note 15 Added “or ASTM A500, Grade B HSS 6 5/8” X 0.432”.

SIGN-760-B: Moved from a Standard to an interim Special Detail. Sheet 4 of 6 removed the Section View and added Strain Pole Foundation Depth and Soil Table.

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.

May 26, 2009: The following updates were made to the web site.

Sign-150-A: Sheet 1 of 5: Removed graph line for 1-4x6 and 1-3#: Removed the note “3-6x8 supports must have at least 8’ between outside posts.”

March 17, 2009: The following updates were made to the web site.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-120-A:
Changed to Temporary Special Detail.
Sheet 1 of 8: Removed note referring to Sign-100-Series, Added 7’ dimension from bottom of sign to roadway. Moved 7’ dimension from saw cut to the ground and removed note.
Sheet 2 of 8: Added 7’ dimension from bottom of sign to the ground. Moved 7’ dimension from saw cut to the ground and removed note. Removed “And Non-Freeway” from view name.
Sheet 3 of 8: Removed note referring to Sign-100-Series. Added 7’ dimension from bottom of sign to the ground. Moved 7’ dimension from saw cut to the ground and removed note.
Added sheet #4: “Non-Freeway (Backslope)”.
Sheet 6 of 8: Removed “3 Post Sign Support Spacing” detail.

SIGN-150-A:
Sheet 1 of 5: Exchanged 2- 3# with 2- 4 X 6 and Exchanged 1- 3# with 1- 4 X 6

SIGN-300-A:
Sheet 1 of 7: Changed 10” Dia. to 10 3/4 O.D.
Sheet 5 of 7:
Detail 3-Top: Changed 10” Dia. to 10 3/4 O.D, changed plate to 4 ¼” X ¾” X 18” (2 Req.). Changed ½” weld to ¼ ” weld.
Detail 3-Front: Changed ½” welds to ¼ ” welds. Deleted “For 10” dia. arm use” from the note.
Sheet 6 of 7:
Section B-B: Changed 10” dia. arm to 10 ¾” O.D.
Section C-C: Changed 10” dia. arm to 10 ¾” O.D.

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

SIGN-100-C: Dated 01/20/2009.
Sheet 2 of 2: Changed signs E5-1, E5-1a, D10-4 and D10-5 from support size Sign-205 Series to Sign-207 Series.

Sheets 1-5: Allowable Yield Stress for 3# posts was re-calculated using 80 ksi, this necessitated changes to all charts.
Sheets 1-5: Removed the 3-6” X 8” wood post.

Sign-205-A: Dated 01/20/2009.
Sheets 1-14: Added ”To Be Used for Maintenance Purposes Only”.

Sign-207-A: Dated 01/20/2009.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 8 of 14: Note 1. a) Changed 84” deep to 48” deep.

November 18, 2008: The following updates were made to the web site.

General Notes:
Sheet #2:
Edited note 19 to show "materials" with a capital "M.", to match Pay Item wording.

September 22, 2008: The following updates were made to the web site.

Sign-207-A:
Sheet #1:
8” Square Slipbase to Slipbase, (8” Sq. Sys.)
8” Stub Insert to Stub Insert, (8” Sq. Sys.)
8” Bolt Keeper Plate to Bolt Keeper Plate, (8” Sq. Sys.)

Sheet #2:
8” Square Slipbase to Slipbase, 8” Sq. Sys. Part from #31208 to #31209.
8” Stub Insert to Stub Insert, (8” Sq. Sys.)
8” Bolt Keeper Plate to Bolt Keeper Plate, (8” Sq. Sys.)

Sheet #3:
Added "Perforated Square Steel Post".

Sheet #4:
Removed soil anchor and inserted Concrete Base and dimensions.
Rotated Traffic Flow 180 degrees.

Sheet #5:
8” Square Slipbase to Slipbase, (8” Sq. Sys.).
Part from #31208 to #31209.

Sheet #6:
8” Stub Insert to Stub Insert, ( 8” Sq. Sys.)

Sheet #7:
8” Bolt Keeper Plate to Bolt Keeper Plate, (8” Sq. Sys.)

Sheet #8:
Rotated Traffic Flow 180 degrees.

Sheet #11:
In the Note, from 38 sft. to 44 sft.

August 18, 2008: The following updates were made to the web site.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sign-207-A: Created new typical “Perforated Steel Sign Breakaway System”.

Sign-340-A:

-Sheet 1:
- Revised “cross bracing note” by adding, “No cross bracing allowed through center of bolt circle.”
- Added section symbol A-A.

-Sheet 3:
- Revised “note 6” by adding, “Concrete shall be in accordance with MDOT Standard Specifications For Construction, Subsection 919.11, paragraph A.4.”

-Sheet 4:
- Revised second note under chart from: “Bars shall be bundled, 3 bars per bundle. Provide a 10'-9" lap, stagger the ends of the lap by the amount of the lap length” to read: “Vertical reinforcement bars shall be bundled side by side, 3 bars per bundle, all in the same plane. Provide a 10'-9" lap, stagger the ends of the lap by the amount of the lap length.”
- Added Section A-A reinforcement details for Type E Cantilevers and Type E Trusses.

-Sheet 6:
- Removed chart: “Estimated Maximum Service Loads At The Anchor Bolt Elevation (For overhead sign foundations)” and placed in NEW typical SIGN-341-A.

Sign-341-A: New typical for “Estimated Maximum Service Loads At The Anchor Bolt Elevation (For overhead sign foundations)” chart. This typical is FOR INFORMATION PURPOSES ONLY.

Sign-350-A:

-Sheet 1:
- Revised “cross bracing note” by adding, “No cross bracing allowed through center of bolt circle.”
- Revised “vertical steel note” from: “Vertical steel reinforcement bars, see reinforcement chart (sheet 4). Equally spaced inside confinement reinforcement” to read: “Vertical steel reinforcement bars, see reinforcement
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

- Added section symbol A-A.

-Sheet 3:
- Revised “note 6” by adding, “Concrete shall be in accordance with MDOT Standard Specifications For Construction, Subsection 919.11, paragraph A.4.”

-Sheet 4:
- Revised third note under chart from: “Bars shall be bundled, 3 bars per bundle. Provide a 10'-9” lap, stagger the ends of the lap by the amount of the lap length” to read: “Vertical reinforcement bars shall be bundled side by side, 3 bars per bundle, all in the same plane. Provide a 10'-9” lap, stagger the ends of the lap by the amount of the lap length.”
- Added Section A-A reinforcement details for Type J Cantilevers.

June 26, 2008: The following updates were made to the web site.

Sign-600-A: Sheet 1 of 2 changed 18" dimension to 16".

Sign-205-A: Sheet 13 of 14 changed length of bent plate from 14” to 10”. Changed number of slots from 4 to 2, width of slots from .813” wide to .687 wide, length of slots from 2.5” long to 4” long and 4” dimension to 6”.

Sign Support drawings from Sign-810-A thru Sign-899-A (excluding SIGN-821-A and SIGN-831-A) have been updated to standardize drawing conventions throughout the set. No technical changes were made.

SNSUP-INDEX-A (Updated to reflect additional sheets for, SIGN-860-A, SIGN-870-A, SIGN-880-A and SIGN-890-A.)
SIGN-810-A (Sheet was added due to standardization)
SIGN-820-A
SIGN-830-A
SIGN-840-A
SIGN-850-A
SIGN-860-A (Sheet was added due to standardization)
SIGN-870-A (Sheet was added due to standardization)
SIGN-880-A (Sheet was added due to standardization)
SIGN-890-A (Sheet was added due to standardization)
SIGN-896-A
SIGN-897-A
SIGN-898-A
SIGN-899-A
CHANGE LIST for: MDOT Traffic and Safety, Traffic Signing - Signing Special Details

May 27, 2008: The following updates were made to the web site.

Sign-General Notes: Added to note #19 on sheet 2 of 3: and shall be included in the Pay Item "Transporting Salv MDOT materials".


April 22, 2008: The following updates were made to the web site.

Sign-205-A: Sheet #1 of #14 Changed 17/32 ball bearing to 7/16 ball bearing. Sheet #4 Added dimensions to the soil stabilizer bracket. Sheet #7 Added dimensions to the ball bearing assembly.

Sign-340-A: Dated 03/18/2008. Sheet 6 of 7 changed the service load chart for 50-80 ft. span type E truss, axial load from 24350 to 19410 lb.

March 18, 2008: The following updates were made to the web site.

Sign Support drawings from Sign-205-A thru Sign-810-A have been updated to standardize drawing conventions throughout the set. No technical changes were made.

SIGN-205-A 10/26/2007
SIGN-300-A 10/26/2007
SIGN-340-A 03/18/2008
SIGN-350-A 10/05/2007
SIGN-360-A 10/10/2007
SIGN-370-A 10/04/2007
SIGN-500-A 10/30/2007
SIGN-510-A 10/31/2007
SIGN-520-A 11/01/2007
SIGN-530-A 11/01/2007
SIGN-540-A 10/24/2007
SIGN-600-A 10/05/2007
SIGN-610-A 10/05/2007
SIGN-750-A 10/05/2007
SIGN-800-A 03/06/2008

Sign-821-A: Rev. Date 3/5/2008, added to existing bridge connections. (Created from obsolete VIII-820)

CHANGE LIST for: 
MDOT Traffic and Safety, Traffic Signing - Signing Special Details 
(Created from obsolete VIII-830)

February 19, 2008: The following updates were made to the web site.

Sign-800-A: Sheet #3 Section A-A Removed 3/4” nut from anchor bolt next to deck fascia. Added sheet #12.

December 12, 2007: The following updates were made to the web site.


Sign-840-A: Added references for F and C and added Q= and C=, also added C= to TWO, THREE, and FOUR COLUMNS.

November 8, 2007: The following updates were made to the web site.

Sign-100-C: Sheet 3 of 3, note 5, changed “42 Sft” to “38 Sft”.

October 4, 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-100-C: Sheet #3 of 3 changed the wording of note #5 and added note #6.

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.

Sign-370-A: 
Added note 20: “Warpage in the base plate shall not exceed 1/16” per foot” to sheet 2. 
Added note: “See Sheet 2, note 20 for base plate warpage tolerance” to sheet 5 and 6.

Sign-550-A: 
Added note: “Warpage in the base plate shall not exceed 1/16” per foot” to sheet 2.

September 19, 2007: The following updates were made to the web site.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

- These changes (in full sets only, labeled 12-07) are effective for December 2007 Letting and later.
- Use existing Signing Special Details for lettings before December.
- Individual files, and full sets, will be updated to the December 2007 letting after 10-3-07.

Sign-300-A:
Moved typical notes to new sheet no. 7 of 7.
Added “Detail of Base Plate Tolerance” on sheet 3 of 7.
Changed note on Detail 3 - Top, Sheet 5 from: “For 10” dia…. “To “For 10” I.D. (10 ¾” O.D.)…”

Sign-205-A:
Sheet 11 of 14: Added Note.
Changed 21.0 sq. ft. sign to 18.5 sq. ft., Changed 42.0 sq. ft. to 38.0 sq. ft.

Sign-100-C:
Added 4” X 6” Nom. Wood to E5-1a Size chart.

August 15, 2007: The following updates were made to the web site.

Sign-205-A:
Sheet 11 of 14: Deleted triple support sign.
On Single support sign changed 18.5 Sq. Ft to 21.0 Sq. Ft.
On Double support sign changed 34.02 Sq. Ft to 42.0 Sq. Ft.

VIII-340-E:
Changed drawing name from VIII-340e to SIGN-340-A on all sheets.
Added (Special Detail) to the FHWA approval date.
Sheet 6 of 7: Added Maximum Service Load chart.

July 11, 2007: The following updates were made to the web site.

SIGN-510-A:
Changed drawing name from VIII-510e to SIGN-510-A on all sheets.
Sheet 1 of 8: Added note #2.

SIGN-530-A:
Sheet 1 of 8: Added note #2.

SIGN-360-A:
Sheet 2 of 10: Added note #23.

SIGN-300-A:
Sheet 6 of 6: Added note #7.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-820-A:
Sheet 1 of 8: On SECTION THRU BRIDGE added dimension BB.

June 7, 2007: The following updates were made to the web site.

SIGN-205-A:
Sheet 12 of 14: On SIDE ELEVATION changed dimension from 5/16" x 8' to 5/8" x 6" and changed 6" embedment to 4" embedment.
Sheet 13 of 14: On FRONT VIEW changed dimension from 5/8" x 8" to 5/8" x 6" and changed 6" embedment to 4" embedment.
Sheet 14 of 14: Added note #8.

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

NOTE:
All Signing Special Details are being renumbered to the new SIGN-XXX-X format.
The updates below have been renumbered, the remaining VIII designations will be changed at a future date.

SIGN-300-A:
Changed drawing name from VIII-300e to SIGN-300-A on all sheets.
Sheet 6 of 6: Added note #6.

SIGN-500-A:
Changed drawing name from VIII-500e to SIGN-500-A on all sheets.
Sheet 2 of 3: Added note #9.

SIGN-520-A:
Changed drawing name from VIII-520e to SIGN-520-A on all sheets.
Sheet 2 of 3: Added note #9.

SIGN-530-A:
Changed drawing name from VIII-530e to SIGN-530-A on all sheets.
Sheet 5 of 8: On DETAIL OF UPPER CLAMP View dimensions changed from 2 3/16" to 2 1/16", from 2 5/16" to 2 7/16", note changed from 5/8" U-Bolt to ¾" U-Bolt. On SECTION F-F View dimensions changed from 1 11/16" to 1 9/16", from 2 13/16" to 2 15/16", Centerline 11/16" x 1 ½” slots to 13/16” x 1 ½” slots.
Sheet 6 of 8: On DETAIL OF SEAT View dimensions changed from 1 11/16" to 1 9/16", from 2 13/16" to 2 15/16".
On SECTION G-G View dimensions changed from 1 13/16" to 1 11/16", from 2 13/16” to 2 15/16", from 5 5/8” to 5 7/8”, Centerline 11/16” x 1 ½” slots to 13/16” x 1 ½” slots.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

On DETAIL OF 3-4" DIA. STAINLESS STEEL U-BOLT View dimension changed from 6 1/4" to 6 5/8", and bolt diameter changed from 5/8" to ¾".
On U-Bolt note View changed from 5/8" to 3/4".

Sheet 7 of 8: On DETAIL OF SEAT View dimensions changed from 11/16" to 1 9/16", from 2 13/16" to 2 15/16".

SIGN-540-A:
Changed drawing name from VIII-540e to SIGN-540-A on all sheets.
Sheet 2 of 3: Added note #8.

SIGN-550-A:
Changed drawing name from VIII-550e to SIGN-550-A on all sheets.

Sheet 5 of 8: On DETAIL OF UPPER CLAMP View dimensions changed from 2 3/16" to 2 1/16", from 2 5/16" to 2 7/16", note changed from 5/8" U-Bolt to ¾" U-Bolt.
On SECTION F-F View dimensions changed from 2 3/16" to 2 1/16", from 2 5/16" to 2 7/16", Centerline 11/16" x 1 ½" slots to 13/16" x 1 ½" slots.

Sheet 6 of 8: On DETAIL OF SEAT View dimensions changed from 2 1/8" to 2 1/16", from 4 ½" to 4 9/16", from 2 5/16" to 2 7/16".
On SECTION G-G View dimensions changed from 2 3/16" to 2 1/16", from 4 5/8" to 4 7/8", from 4 ½" to 4 9/16", from 2 5/16" to 2 7/16, Centerline 11/16" x 1 ½" slots to 13/16" x 1 ½" slots.
On DETAIL OF 3-4" DIA. STAINLESS STEEL U-BOLT View dimension changed from 5 1/4" to 5 ½", and bolt diameter changed from 5/8" to ¾".
On U-Bolt note View changed from 5/8" to 3/4".

Sheet 7 of 8: On DETAIL OF SEAT View dimensions changed from 2 3/16" to 2 1/16", from 2 5/16" to 2 7/16".

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

NOTE:
All Signing Special Details are being renumbered to the new SIGN-XXX-X format. The updates below have been renumbered, the remaining VIII designations will be changed at a future date.

General Notes:
Sheet 1 of 3: altered notes #2 and #8.
In notes changed all Ref. VIII-XXX-letter ref. to SIGN-XXX-Series.

Sign Index:
Sheet 1 of 2: Under standard plan number changed SIGN-100-B to Sign-100-C, VIII-205E to SIGN-205-A, and VIII-800AE to SIGN-800-A.
Changed FHWA Approval Date to Special Details for SIGN-100-C.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 2 of 2: Under standard plan number column changed VIII-820AE to SIGN-820-A, and VIII-830AE to SIGN-820-A. In the note deleted all VIII and letter designations and added Series after drawing numbers.

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.

SIGN-205-A: Changed drawing number on all sheets from VIII-205E.

Sheet 12 of 14: Side Elevation changed to Type III Signs from Type II Signs. Sheet 14 of 14: Changed note #6.

SIGN-360-A: Changed drawing number on all sheets from VIII-360E. Changed border on all 10 sheets.

Sheet 2 of 10 Changed Note #17. Sheet 3 of 10 Deleted call out of chord type. Sheet 4 of 10 Fixed leader & text placement. Sheet 5 of 10 Fixed weld symbol. Sheet 10 of 10 On Elevation View read 2 3/16” instead of 2 1/2” and read 3 13/16” instead of 3 1/2”.

SIGN-800-A: Changed drawing number on all sheets from VIII-800AE.

Sheet 11 of 11: Changed note #12.

SIGN-820-A: Changed drawing number on all sheets from VIII-820AE.

Sheet 1 of 8: In title block changed (Ø= 0°) to (BB< 36°). Section Thru Bridge view delete note, and changed 4’-0” Max. dimension to Cantilever Length (C). Sheet 2 of 8: Changed Plan Views from straight to skewed. Sheet 3 of 8: changed Detail B from straight to skewed. Added sheet 7 of 8. Sheet 8 of 8: Added note #21.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

SIGN-830-A:
Changed drawing number on all sheets from VIII-830AE.

Sheet 1 of 8: In title block changed (Ø ≥ 5°) to (BB ≥ 36”).
Deleted note in view Detail D.
Section thru bridge view changed dimension H to BB.
Sheet 7 of 8: Deleted Cantilever Length Chart. Altered Chart Usage note.

March 15, 2007: The following updates were made to the web site.
All 17 inch sheets: Added text fields to the Control Section, Job No. and Sheet No.

*http://mdotwas1.mdot.state.mi.us/public/tands/Details_Web/mdot_spdet_17x11_instructions.pdf* For instructions entering Control Section, Job No. etc. fields.

February 15, 2007: The following updates were made to the web site.
VIII-820A: Sheet 1 of 7 detail D deleted weld symbol, added holes, bolts, and dimensions.
Sheet 3 of 7: Deleted weld symbol, added 13/16” holes and dimensions.
Sheet 4 of 7: Section B-B deleted weld symbol, added bolts.
Elevation of Sign: deleted 0” MIN., changed VARIES to 0” MIN. 6” MAX.

VIII 890A: Sheet 1 of 4 added Detail D.
Sheet 2 of 4 Added Detail B.
Added Sheet 3 of 4 moved “Detail of Connection” from sheet 2 to sheet 3. Added weld symbols.

December 22, 2006: The following updates were made to the web site.
VIII-340: Sheet 1 of 7 Added 12” Max. dimension and 12” Max in the note.

VIII-350: Sheet 1 of 6 Added 12” Max. dimension and 12” Max in the note

VIII-360:
Sheet 2 of 10 Added to note #6 “Except at splice connections. Splice connections shall have a flat washer and lock washer under each nut and tightened to a snug tight condition.”

Added to note #20 “Use an ASTM F436 flat washer and a lock washer according section 908.10c of the MDOT standard specifications for construction under each nut for splice connections.”

VIII-370:
Sheet 2 of 10 Added to note #6 “Except at splice connections. Splice connections shall have a flat washer and lock washer under each nut and tightened to a snug tight condition.”
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Added to note #18 “Use an ASTM F436 flat washer and a lock washer according to section 908.10C of the MDOT standard specifications for construction under each nut for splice connections.”

VIII-898: Sheet 3 of 4 Under Column Selection Procedure Note #1 read (B = 0.0" Min.) instead of (B = 1.25" Min).

VIII-899: Sheet 4 of 5 Note #1 read (B = 0.0" Min.) instead of (B = 1.25" Min).

October 31, 2006: The following updates were made to the web site.
VIII-205: Sheet 14 of 14 added note 7.

VIII-750: Added the note. Re-dimensioned the steel bar. Dimensioned the sign.

September 21, 2006: The following updates were made to the web site.
VIII 750 A New Route Marker Stiffener

VIII-810:
Sheet 1 of 10 added 6" max. dimension.
Sheet 2 of 10 added 6" max. dimension.

VIII-820: Sheet 1 of 7 added 6" max. dimension.

VIII-830: Sheet 1 of 8 added 6" max. dimension.

VIII-850: Sheet 1 of 3 added 6" max. dimension.

August 31, 2006: The following updates were made to the web site.
VIII-340: Sheet 5 of 7, Revised Truss Foundation Chart for new depths and concrete volumes.

July 19, 2006: The following updates were made to the web site.
VIII-340: Sheet 1 of 7, Moved outer re-bar cage out approximately 3".

VIII-340: Sheet 5 of 7, Revised Truss Foundation Chart for new depths and concrete. Added “**” to chart. Added note “***”.

VIII-340: Sheet 6 of 7, Added note “***”.

VIII-350: Sheet 1 of 6, Moved outer re-bar cage out approximately 3".
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 5 of 6, Added “**” to chart. Added note “***”.

June 16, 2006: The following updates were made to the web site.
General notes: Note 33 re-written on sheet 3 of 3.

VIII-820AE Sheet 1 of 7: Added “be” between “will” and “determined” and added “4” between “if” and “columns”.

VIII-340 Sheet 6 of 7: Cantilever Foundation Chart, depths and concrete volumes changed for 48” dia.

VIII-350 Sheet 5 of 6: Cantilever Foundation Chart, depths and concrete volumes changed for 48” dia.

VIII-360 Sheet 2 of 10:
Note 9 read “sign height with aluminum beam is 7 feet” instead of ”aluminum beam height is 7 feet”.
Note 10 read “sign height with aluminum beam is 7 feet” instead of ”aluminum beam height is 7 feet”.

May 15, 2006: The following updates were made to the web site.
General notes: Note #33 re-written on sheet 3 of 3

VIII-205 Sheet 13 of 14:
Removed holes from bent plate & changed location of existing holes.
Altered note to read 3/8” X 1-9/16” instead of 3/8” dia.
Altered note to read 4 required instead of 6 required.
Read Signs Back to Back instead of Type II signs Back to Back

Sheet 14 of 14: added note 6

VIII-360 Sheet 2 of 10: Added note 22 on sheet 2 of 10.

VIII-370 Sheet 1 of 10: Changed Cantilever Truss Data Chart, Slope Column.

April 13, 2006: The following updates were made to the web site.
VIII-205 Sheet 1 of 11:
Read 2-3/16” X 2-3/16” X 10 GA. in stead-of 2-3/16” X 2-3/16” X 10 GA. Steel Sign Post.
Read 1-1/2” X 1-1/2” X 12 GA. in stead-of 1-1/2” X 1-1/2” X 12 GA. Steel Tubing.
Read 1-1/2” X 1-1/2” X 12 GA in stead-of 1-1/2” X 1-1/2” X 10 GA
Add 6 steel ball bearings to ball bearing housing.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 2 of 11: Read List of Materials in stead of Description. Added “A Quantity of” to note 4.

Sheet 4 of 11: Side View - Moved bolt to the 7th hole. Exploded View - Added 2 holes and moved the soil stabilizer bolts down to the 7th hole.

Sheet 5 of 11: Side View - Added 2 holes and deleted 11-1/2” dim. Exploded View - Added 2 holes & “1/8” filled weld all around” note.

Sheet 8 of 11: Add holes in tube to show soil stabilizer bolts in the 7th hole.

Sheet 10 of 11: Added (2) 1-1/2” 12 GA. Steel Angles welded to the tri-angular plate. Note 1 - Added “and (2) 1-1/2 GA. Formed Angles @ 18” Long”.

Added sheets 12, 13, and 14 of 14.

VIII-340 Sheet 1 of 7: Add chamfer line to Elevation View. Changed all fractions to single line fractions.

Sheet 2 of 7: Added (*) and note (*or as required) to all three views.

Sheet 4 of 7: Altered Chart: removed (**) and (*) from Number of Bars column. In Bar Radius: read 20-1/4” in stead of 18-1/8”, read 23-1/4” in stead of 21-1/4”, and read 32-14” in stead of 33-1/4” Bar Size: all changed to 6. Bar Spacing: all changed to 6” Removed * note. Removed ** from note. In second note read Provide a 3’-10” lap for #6 bar circles or a 12” lap if bar circle is welded in stead of Provide a 2’-5” lap for # 4 bar circles 3’-0” lap for # 5 bar circles and a 3’10” lap for # 6 bar circles radius lap.

Sheet 5 of 7: Altered chart: In Span, read 50’ to 80” ” in stead of 50’ to 80’ and 85’ to 105”. In Diameter: read 48 in stead of 42, read 48 in stead of 42, read 54 in stead of 54, read 54 in stead of 48, read 54 in stead of 48. In Concrete (cyd): most of the volumes are up-dated. Removed first note *. Removed chart named 42” Dia. Drilled Shaft Sign Area Chart.

Sheet 6 of 7: Altered chart: In Diameter read 48 in stead of 42. In Concrete (cyd): all volumes changed.

Sheet 7 of 7: Removed first row of Drilled Shaft Dia. Chart.

VIII-350 Sheet 1 of 6: Add chamfer lines to Elevation View. Changed all fractions to single line fractions.

Sheet 2 of 6: Added (*) to both views and (* or as required) to the notes.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 4 of 6: Altered Chart: Removed top row in Type J Cantilever, In Foundation Dia. Read 48 in-stea-d-of 42. In number of bars: read 36 in-stea-d-of 36***, read 63 in-stea-d-of 68***, read 57 in-stea-d-of 57***. In Bar Radius: read 20-1/4" in-stea-d-of 18-1/4", read 26-1/4" in-stea-d-of 18-1/4", read 32-1/4" in-stea-d-of 33-1/4". Bar Size: read 6 in-stea-d-of 5. In note read: Provide a 3'-10" lap for #6 bar circles or a 12" lap if bar circle is welded in-stea-d-of. Provide a 3'-0" lap for #5 bar circles and a 3'-10" lap for #6 bar circles. Removed note (*). Removed note (**).


March 10, 2006: The following updates were made to the web site.
VIII-340: All changes are made on sheet on 4 of 7.
Altered in the chart:
Bar Size
Read 11 in-stea-d-of 10
Number of Bars
Read 24** in-stea-d-of 28
Read 48* in-stea-d-of 44*
Read 64* in-stea-d-of 60**
Read 57** in-stea-d-of 56
Note*
Deleted: 11
Deleted: for 42" shafts
Read 4 in-stea-d-of 2
Read 11'-10" in-stea-d-of 9'-8"
Deleted: For #11 bars
Note**
Deleted: #11, for 48" shafts
Read 10'-9" in-stea-d-of 11'-8"
Deleted: for #11 bars
Deleted: and
Added: and a 3'-10" lap for #6 bar circles
Deleted: Provide A 7'-11" lap for #10 bars and a 9'-8" lab for unbundled #11 bars.

VIII-350: All changes are made on sheet on 4 of 6.
Altered in the chart:
Number of Bars
Read 48** in-stea-d-of 44**
Read 36*** in-stea-d-of 30
Read 63*** in-stea-d-of 62**
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Read 57*** in stead-of 56
Deleted: Provide a 9'-8” lap #11 bars
Note**
Read 4 in stead-of 2
Added: Provide an 11’-10” lap.
Added Note***
Bars shall be bundled, 3 bars per bundle. Stagger the ends of the laps by the amount of the lap length, provide a 10’-9” lap.

VIII-360: Page 10 of 10 Section G-G the 7/8” dia. Bolt was revised to read 7/8” dia. Bolt w/Lock Washer. (Plans show a revision date of 2/27/06)

VIII-370: Page 10 of 10 Section G-G the 7/8” dia. Bolt was revised to read 7/8” dia. Bolt w/Lock Washer. (Plans show a revision date of 2/27/06)

General Notes:
Note 19 Read MDOT OVERHEAD SIGN SHOP in stead-of MDOT SIGN SHOP
Note 21 Read MDOT OVERHEAD SIGN SHOP in stead-of MDOT SIGN SHOP
Note 31 Read MDOT SIGN FABRICATION SHOP in stead-of MDOT SIGN SHOP
Note 33 Completely changed.
Note 34 Added.

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.

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.

October 17, 2005: The following updates were made to the web site.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Index: Deleted all of the references to CANTILEVER's C & D.

VIII160e: Deleted all of the references to CANTILEVER's C & D.

VIII205e: NEW; Punched Square Tube Sign Breakaway System.

VIII300e: Deleted all of the references to CANTILEVER's C & D.
Table on Sheet 3 of 6 and Table on Sheet 5 of 6 have been removed and
dimensions for the drawing have been placed in the correct location.

VIII330e: Deleted all of the references to CANTILEVER's C & D.
Sheet 1 of 4, Note for Anchor Bolt Circle changed 1-3/4" anchor bolt to 2" Dia. and
the word TABLE was removed in the note also. "W" changed to 9'. "A" changed to
33". Sheet 2 of 4, the Table changed to reflect changes made on Sheet 1 of 4.

VIII340e: Deleted all of the references to CANTILEVER's C & D.

VIII360e: Sheet 5 of 10, Updated the symbol in Detail B.

VIII370e: Sheet 5 of 10, Updated the symbol in Detail B.

VIII700e: Deleted all of the references to CANTILEVER's C & D.

VIII810ae, Sheet 1 of 10, Added a note stating: DIAGONAL BRACES NEEDED
FOR 20 - 40 DEGREE SKEW.
Sheet 3 of 10, Added a note stating: HORIZONTAL BRACES ARE NEEDED FOR
SKEW'S FROM 20 - 40 DEGREE'S WITH 2 THRU 4 COLUMNS.

VIII830ae, Sheet 1 of 8, Added " H " dimension and reworded the note on the same
page to reflect this information. Detail D on Sheet 1 of 8, Changed Angles "IN" to
Angles "OUT".

September 15, 2005:  The following updates were made to the web site.
VIII-300E: Sheet 2 of 7, changed base plate thickness to 1- 5/8 for D & E
cantilevers.

VIII-350E: Sheet 2 of 6, changed bolt circle from 30" to 32" diameter.

VIII-360E: Sheet 2 of 10, Notes 9 & 10, changed to ", minimum aluminum beam
height is **"Note 20 the dimension 5/16" changed to 1". Sheet 5 of 10, Detail 8 weld
changed from 3/8" to 5/8" and symbol reversed. Sheet 8 of 10, Detail D, Truss Web
Angle changed from 2" to 2-1/4".

VIII-370E: Sheet 2 of 10, Note 9, changed to "Place field splice centerline 1'6" min.
to the gusset plate edge." Note 18 the dimension 5/16" changed to 1". Sheet 5 of
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

10, Detail B, weld changed from 3/8" to 5/8" and symbol reversed. Sheet 6 of 10, the centerline bolt circle changed from 30" to 32". Sheet 8 of 10, Detail D, Truss Web Angle changed from 2" to 2-1/4".

VIII-830AE: Sheet 5 of 8, The WT connection to aluminum column dimension changed from 2-3/4" to 3-1/4".

VIII-850AE: Sheet 1 of 3 and 2 of 3, changed dimension from 1' 9" to 1' 9-3/16".

July 20, 2005: The following updates were made to the web site.

VIII210E: On sheet 3 for 5, a washer was added to the detail and added dimensions for the washer for the aluminum signs.
(STAINLESS STEEL FLAT WASHER 7/8" O.D. X 0.406" I.D. X 0.050")

VIII220E: On sheet 1 of 3 for the END ELEVATION Detail, revised the Flat washer to 1.75" O.D. X 0.812" I.D. X 0.109" (PLUS or MINUS) 0.010". On sheet 2 of 3, added a Detail for the bolt with flat washers plate and then lock washer and nut.

VIII-800AE: Added clarifying notes on sheets 2, 6 and 11. Revised adhesive anchor minimum effective ultimate strengths for A2 connections on sheet 4 based on current product literature of qualified products as of this date.

VIII-810AE: Revised existing chart on sheet 2 to breakdown cantilever lengths by sign length. Added "F" designation to the 1'-8" dimension on sheet 3. Revised 2.75" dimension to 3.25" for WT connection to aluminum column on sheet 5. Revised adhesive anchor minimum effective ultimate strengths on sheet 7 based on current product literature of qualified products as of this date. Cosmetic CADD revisions on column selection chart on sheet 8. Changed column designation to Type II and Type III (Type I N.A.)

VIII-820AE: Added note to sheet 1 referring to VIII-830AE for cantilever lengths greater than 4 feet. Added notes on sheets 1 and 4 designating the connections to the bridge beam as Angles "IN" orientation. Revised 1'-4.75" dimension on section B-B to 1'-4.4375". Revised 2.75" dimension to 3.25" for WT connection to aluminum column on sheet 5. Cosmetic CADD revisions on column selection chart on sheet 6. Changed column designation to Type II and Type III (Type I N.A.)

VIII-830AE: Changed column designation to Type II and Type III (Type I N.A.) Added notes on sheets 1 and 4 designating the connections to the bridge beam as Angles "Out" orientation. Added notes on sheets 1 and 7 referring to VIII-820AE to consider using the Angles "IN" orientation for bridge beams shallower than 36 inches deep. Moved column selection chart to sheet 6. Revised existing cantilever length chart on sheet 7 and specified it be used for Angles "OUT" orientations. Added addition cantilever length chart on sheet 7 and specified it be used for Angles "IN" orientations. Clarified chart usage text on sheet 7.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Revised 2'-2" dimension in section B- B on sheet 4 to 2'-1.6875". CADD clean up on sheets 2 and 3 clarifying that the cantilever length is measured to the front face of the sign.

**VIII-850AE:** Revised 1'-9.375" dimension on sheets 1 and 2 to 1'-9". Changed reference from Type I column to Type II column in note on sheet 2. Revised adhesive anchor minimum effective ultimate strengths in note 18 on sheet 3 based on current product literature of qualified products as of this date. Revised maximum sign area slightly for 3 columns from 310 square feet to 300 square feet to reflect revised adhesive anchor strengths.

**VIII-870AE:** Revised 10.5" dimensions on sheet 1 to 10.3125". Revised 2'-2" dimension on sheet 2 to 2'-1.6875". Change reference from Type I column to Type II column in note on sheet 2. Revised adhesive anchor minimum effective ultimate strengths in note 19 on sheet 3 based on current product literature of qualified products as of this date.

**VIII-880AE:** Revised 10.5" dimensions on sheet 1 to 10.3125". Revised 1'-4.75" dimension on sheet 2 to 1'-4.4375". Change reference from Type I column to Type II column in note on sheet 2. Revised adhesive anchor minimum effective ultimate strengths in note 17 on sheet 3 based on current product literature of qualified products as of this date.

**VIII-890AE:** Revised 10.5" dimensions on sheet 1 to 10.3125". Revised 2'-2" dimension on sheet 2 to 2'-1.6875". Change reference from Type I column to Type II column in note on sheet 2. Revised adhesive anchor minimum effective ultimate strengths in note 19 on sheet 3 based on current product literature of qualified products as of this date.

**June 17, 2005:** The following updates were made to the web site.

**General Notes (E):** In Note 6, added "Road Only" to Contractor Staking pay item. In Note 11, revised "MDOT SIGN UP" to "SIGNCAD". Note 16 was revised to read "The base bolts, hex nuts, flat washers, and keeper plate are to be... "

**VIII-210:** On page 3, washers and corresponding note were added to the drawing.

**VIII-800ae:** On sheet 3, revised the spelling of electrometric.

The following four 800 series typical plans with an "e" suffix were renumbered to distinguish them from the other 800 series typicals with "ae" suffixes. These renumbered typical plans are to be used for maintenance purposes for existing bridge connections only. OLD VIII-800e renamed to VIII-896e. OLD VIII-810e renamed to VIII-897e.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

OLD VIII-820e renamed to VIII-898e.
OLD VIII-830e renamed to VIII-899e.

May 24, 2005: The following updates were made to the web site.
VIII-220E: Added specification for the flat washers to include the inside and outside dimension.

VIII-340E: Revised the tables on sheets 5 and 6 to show all the less than signs, etc. under Soil Condition.

VIII-540E: Changed L’s 4” x 4” x 5/16” to L’s 4” x 4” x 1/4” on sheet 1 of 3.

VIII-810AE: Changed all of the Column Types from Type I to Type II & Type II to Type III. Type I is NA.

VIII-820AE: Changed all of the Column Types from Type I to Type II & Type II to Type III. Type I is NA.

VIII-830AE: Changed all of the Column Types from Type I to Type II & Type II to Type III. Type I is NA.

VIII-850AE: Changed all of the Column Types from Type I to Type II & Type II to Type III. Type I is NA.

April 19, 2005: The following updates were made to the web site.
VIII-360E (Plan Date of 12-29-04, Revised 04-15-05):
On all sheets, the fractions were updated to the current format.
Sheet 2, Line 9 and 10: Revised (‘’) to FEET.
Sheet 2, Line 16: Revised the wording to include: "Column section shall be ASTM A 53, Grade B or API-5L-X42. Sections for 50 Feet to 105 Feet trusses shall be 24”(! Diameter) x 0.938”, 24” "(! Diameter) x 0.969” may be substituted. Sections for 110 Feet to 140 Feet trusses shall be 24” (! Diameter) x 1.219”.
Sheet 2, Line 17: Revised the wording to include: "Chord sections shall be ASTM A500, Grade B HSS 6” (! Diameter) x 0.500” or ASTM A519-4140 annealed HSS 6” (! Diameter) x 0.375”.
Sheet 2, Line 18: Revised the wording to include: "Web angles shall be ASTM A36 L 5"x 5" x 7/16” or 5” x 5” x 1/2”.
Sheets 5 & 6: Revised Detail B to better show the section.

VIII-370E (Plan Date of 12-29-04, Revised 04-15-05):
On all sheets, the fractions were updated to the current format.
Sheet 2, Line 9: Revised the word Standard to Typical.
Sheet 2, Line 12: changed the wording to include: "See current MDOT sign support typical plan for VIII-350E for sign foundation".
CHANGE LIST for:

MDOT Traffic and Safety, Traffic Signing - Signing Special Details

Sheet 2, Line 13: Revised the wording to include: "See current MDOT sign support typical plan for VIII-700E for sign connection".
Sheet 2, Line 14: Revised the wording to include: "Column section shall be ASTM A53, Grade B or API-5L-X42 24"(! Diameter) x 1.219".
Sheet 2, Line 15: Revised the wording to include: "Chord section shall be ASTM A500, Grade B HSS 6"(! Diameter)x 0.500" or ASTM A519-4140 annealed HSS 6"(! Diameter)x 0.375".
Sheet 2, Line 15: Revised the wording to include: "Web angles shall be ASTM A36 L5" x 5" x 7/16" or 5" x 5"x 1/2".
Sheets 5 & 6: Revised Detail B to better show the section.

VIII-800AE (Plan Date of 03-11-05, Revised 04-15-05):
Corrected the spelling of "ELASTOMERIC" on all sheets.

March 16, 2005: The following updates were made to the web site.

VIII-800AE: BRIDGE SIGN CONNECTION TYPE A1, A2 & B (previously Type A & B)
Sheet 1: Renamed Bridge Connection A to A1. Revised the deck fascia detail. Added label for “Angle Connection Assembly”. Added the wording “OPTION SHOWN” to lower detail.
Sheet 2: Renamed Bridge Connection A to A1. Added upper arm detail along with Angle Connection Assembly and the note for Alternative Brace configuration for Concrete I-beams. Added lower detail and the note at the bottom of the page.
Sheet 3: Renamed Bridge Connection A to A1. Added ½” Gap to Section A-A. Added 'Angle Connection Assembly' label to Section D-D.
Sheet 4: Renamed Bridge Connection A to A1. In Section E-E, Added 'Angle Connection Assembly' label and revised to High Strength Bolts. Added the last line in the lower boxed chart.
Sheet 5: Revised Type A to Type A2.
Sheet 6: Revised Type A to Type A2. Added the 6 3/4” Min. dimension to both details.
Sheet 7: Revised Type A to Type A2.
Sheet 10: Added ¼” dimension to Detail A. Revised label to just read 'Strut'.

March 4, 2005: The following update was made to the web site.
VIII-330E (SP): The Anchor Bolt (Diam.) in the table on the page 2 of 4 was revised to 2".

February 22, 2005: The following update was made to the web site:
VIII-330E(SP): The note at the bottom of page 1 of 4 was revised to: Anchor Bolts 2" DIA. (Type C, D & E)
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

**December 29, 2004:** The following English version Sign Support Typical Plans were updated or added to the website.

Index Sheet: Updated to reflect the following changes.

Vlll-115: Removed text from sheet 3 of 7.

Vlll-130: Updated sheet 5 of 5.

Vlll-200: Updated text of sheet 3 of 3.


Vlll-300: On sheets 1 and 2, all anchor bolts were changed to 2” diameter.

Vlll-340: Added to the web. This is a new typical.

Vlll-350: Added to the web. This is a new typical.

Vlll-360: Added to the web. This is a new typical.

Vlll-370: Added to the web. This is a new typical.

Vlll-380: Added to the web. This is a new typical.

Vlll-700: Added sheet (2 of 6) for Truss Type E. Added Truss Type E information to table on sheet 3.


Vlll-740: Added 2003 to the reference to MDOT Standard Specifications for Construction. On sheet 2 note 1, added the word Pay Item in front of Sign Type.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details


VIII-800: Added “TO BE USED FOR MAINTENANCE PURPOSES FOR EXISTING BRIDGE CONNECTIONS ONLY” to all sheets. Added 2003 to the reference to MDOT Standard Specifications for Construction.

VIII-810: Added “TO BE USED FOR MAINTENANCE PURPOSES FOR EXISTING BRIDGE CONNECTIONS ONLY” to all sheets. Added 2003 to the reference to MDOT Standard Specifications for Construction.

VIII-820: Added “TO BE USED FOR MAINTENANCE PURPOSES FOR EXISTING BRIDGE CONNECTIONS ONLY” to all sheets. Added 2003 to the reference to MDOT Standard Specifications for Construction.

VIII-830: Added “TO BE USED FOR MAINTENANCE PURPOSES FOR EXISTING BRIDGE CONNECTIONS ONLY” to all sheets. Added 2003 to the reference to MDOT Standard Specifications for Construction.

VIII-800A: Added to the web. This is a new typical.

December 7, 2004: The following English version Sign Support Typical Plans were updated or added to the website.

VIII-500E: The 3 inch maximum overhang was changed to a 4 inch maximum overhang on Sheet 1. The sixth note on the last page was revised to show a 40 foot dimension.

VIII-520E: The 3 inch maximum overhang was changed to a 4 inch maximum overhang on Sheet 1.

VIII-540E: The 3 inch maximum overhang was changed to a 4 inch maximum overhang on Sheet 1.

The VIII-800AE series (VIII-800AE thru VIII-890AE) is the new design for new bridge connections. These typicals are new. Please note that VIII-800AE is not yet posted, but will be in the near future.

November 9, 2004: The following Sign Support Typical Plans were updated or added to the website.

VIII-100 (English & Metric) has had several asterisks referring to the bottom height deleted in the chart on page one.

Michigan Department of Transportation 34 of 36 7-26-2016
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

VIII-520 (English & Metric) has had dimensions added for the maximum overhang allowed for trusses.

VIII-710 (English & Metric) was added to the website.

November 1, 2004: The following English version Sign Support Typical Plans have been reloaded to the Traffic and Safety web site:
VIII-800, VIII-810, VIII-820, VIII-830, and VIII-840.
Please note that the "B" dimension has changed from 15" to 0".

October 19, 2004: The following Sign Support Typical Plans have been temporary removed from the Traffic and Safety web site.
VIII-800, VIII-810, VIII-820, VIII-830, and VIII-840

August 4, 2004: The following drawings were updated on the web site:
VIII-115 (English): added an AI - Away Island code and note on sheet 5. Data in columns on sheets 6 and 7 was revised.
VIII-130 (English): updates were made to Section C-C on sheet 3.
VIII-210 (English): updates were made to BREAKAWAY HOLES/SAWCUT RELATIONSHIP’s SINGLE POST's dimensions on sheet 2.
VIII 760 (English): was extensively revised.

July 7, 2004: The following drawings were updated on the web site:
VIII-115 (English) was updated.
VIII-150 (English) was updated.
VIII 700 (English) has been updated, with changes to the table on page 3 and additions to the NOTES: (OVERHEAD SIGN SUPPORT).

June 16, 2004: The following drawing was updated on the web site:
VIII-520M has a dimension change on page 3, for the distance from the top of the structural elevation to the top of the structural tee.
CHANGE LIST for:
MDOT Traffic and Safety, Traffic Signing - Signing Special Details

June 10, 2004: The following updates were made:
VIII-150 (English and Metric) was changed to "INFO ONLY" in the "IN THIS CONTRACT" column

VIII-790 (English and Metric) was removed from the Index

VIII-830 (English) on Page 1, Section B-B, "[centerline] of 2-2 ½ x 3/8" DIA."; the 3/8" has been changed to 5/8"

April 16, 2004: The Sign Support Typical VIII-115 (English and Metric) has had a new page inserted and it is now 7 pages total. Page 4 is new and consists of "Table 2 - Overhead Installation Grid" and "Examples of Cluster Number Assignments".

April 15, 2004: Sign Support Typicals - General Notes (English and Metric)
Note number 32 on page 3 of 3 has been modified to read as follows:
"Vibratory hammers shall not be used for steel sheet piling for cofferdams or temporary steel sheet piling left in place."

Mid December 2003: The following drawing was updated on the web site.
VIII-300 Updated the height of the cantilever again.

Late November 2003: The following drawing was updated on the web site.
VIII-300 Updated the height of the cantilever.