

## CHANGE LIST for

### MDOT Traffic and Safety Sign Support Standard Plans

Located at <https://mdotjboss.state.mi.us/TSSD/tssdHome.htm#>

Located in the "Traffic Signing" Category.

**January 27<sup>th</sup>, 2020:** The following updates were made to the web site.

**SIGN-145-A:** Dated 01/16/20

Approved as a Standard and moved to Signing Standards from Special Details.

**SIGN-200-E:** Dated 01/16/20

Approved as a Standard and returned to Signing Standards from Special Details. The special detail was slightly modified prior to approval.

- A new sheet was introduced to illustrate the new steel post through concrete comment.
- A diagram illustrating the sleeve for 3 lb posts and square tubular steel posts was created.

**SIGN-300-C:** Dated 01/16/20

Approved as a Standard and returned to Signing Standards from Special Details.

**SIGN-700-E:** Dated 01/16/20

Approved as a Standard and returned to Signing Standards from Special Details.

**December 2<sup>nd</sup>, 2019:** The following updates were made to the web site.

**SIGN-300-B:** Dated 11/20/19

Standard was returned to Special Details and was renamed **SIGN-300-C** as it awaits FHWA approval.

- On sheet 6, the lock washers have been removed as they interfered with the Turn of Nut method. Because of this the following details were altered:
  - o On sheet 2, Note 5 has been adjusted so that 1" diameter high strength bolts are being used.
  - o On sheet 3, the 2" anchor bolts on the base plate have been updated to have a diameter hole of 2 5/16".

**SIGN-700-D:** Dated 11/20/19

Standard was returned to Special Details and was renamed **SIGN-700-E** as it awaits FHWA approval.

- The original 5 sheet standard was redistributed across 8 sheets
- Diagrams were enlarged and reorganized to reduce clutter
- New cross sections were introduced for the mounting support connection
- All bolt arrangement information was relocated to sheet 4
- All tables excluding U bolt information were relocated to sheet 5
- All Column information was relocated to sheet 6
- All U Bolt information was relocated to sheet 7

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- All notes were relocated to sheet 8

**July 31<sup>st</sup>, 2019:** The following updates were made to the web site.

A new folder was created titled **Standards for Maintenance Use Only**. The standards that are placed in this folder are to be referenced for the maintenance of existing sign supports/structures that already exist and are no longer the standard used. The following standards were moved from the special details or standards folders and placed in this folder:

- **SIGN-205-A**
- **SIGN-500-B**
- **SIGN-520-B**
- **SIGN-540-B**
- **SIGN-600-B**
- **SIGN-610-B**
- **SIGN-821-A**
- **SIGN-831-A**
- **SIGN-896-A**
- **SIGN-897-A**
- **SIGN-998-A**
- **SIGN-899-B**

**July 22<sup>nd</sup>, 2019:** The following updates were made to the web site.

**SIGN-145-A:** Dated 7/15/19

Approved as a special detail and awaits FHWA approval. The standard was introduced to improve safety at warranting all-way and two-way stop conditions.

**SIGN-200-D:** Dated 7/15/19

Standard was returned to Special Details and was renamed **SIGN-200-E** as it awaits FHWA approval.

- A comment was added on sheet 3 to require a sleeve for steel posts through concrete

**August 29<sup>th</sup>, 2018:** The following updates were made to the web site.

**SIGN-100-G:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- The following sign codes were updated to change their substrate type from Type II to Type V:
  - o R2-4a – Sign Type VB
  - o R5-1a (42) – Sign Type VA
  - o R6-1 (54) – Sign Type VB
  - o W1-6 (60) – Sign Type VB
  - o W1-7 (60) – Sign Type VB

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- W13-2 (48) – Sign Type VB
- W13-3 (48) – Sign Type VB
- W14-3 (48) – Sign Type VB

#### **SIGN-110-E:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- Added rows for the new M1-6 sizes in the Standard Highway Signs Manual for 3-digit shields

#### **SIGN-120-E:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- Moved General Notes to sheet 9.
- Added “Placement of Exit Gore & Do Not Enter Signs at Exit Ramp” figure to sheet 9.

#### **SIGN-207-D:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- 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.

#### **SIGN-300-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- All Sheets:
  - Changes were made to each sheet to conform to a drafting standard. All edits to the document were cosmetic; no changes in the design of the structure were made. All edits and changes include:
    - Line weights
    - Dimensioning
    - Weld Symbols
    - General Notes
    - Detail Notes
    - Font

#### **SIGN-330-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- Sheet 4 of 4:

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- 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-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- 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-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- 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-360-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- All Sheets:
  - Changes were made to each sheet to conform to a drafting standard. All edits to the document were cosmetic; no changes in the design of the structure were made. All edits and changes include:
    - Line weights
    - Dimensioning
    - Weld Symbols
    - General Notes
    - Detail Notes
    - Font

#### **SIGN-370-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- All Sheets:
  - Changes were made to each sheet to conform to a drafting standard. All edits to the document were cosmetic; no changes in the design of the structure were made. All edits and changes include:
    - Line weights
    - Dimensioning
    - Weld Symbols
    - General Notes
    - Detail Notes

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- Font

#### **SIGN-520-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- All Sheets:
  - Changes were made to each sheet to conform to a drafting standard. All edits to the document were cosmetic; no changes in the design of the structure were made. All edits and changes include:
    - Line weights
    - Dimensioning
    - Weld Symbols
    - General Notes
    - Detail Notes
    - Font
    -

#### **SIGN-540-B:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- All Sheets:
  - Changes were made to each sheet to conform to a drafting standard. All edits to the document were cosmetic; no changes in the design of the structure were made. All edits and changes include:
    - Line weights
    - Dimensioning
    - Weld Symbols
    - General Notes
    - Detail Notes
    - Font
    -

#### **SIGN-700-D:** Dated 05/24/18

Approved as a Standard, returned to Signing Standards from Special Details.

- 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

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**September 15, 2017:** The following updates were made to the web site.

**SIGN-300-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-300-B

**SIGN-360-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-360-B

**SIGN-370-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-370-B

**SIGN-500-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-500-B

**SIGN-520-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-520-B

**SIGN-540-B:** Dated 02/08/16

Standard was returned to Special Detail and renamed SIGN-540-B

**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"

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- 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.

- Updated sign selection charts as per the 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals (6<sup>th</sup> Edition).
- 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 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 ½" x 2 ½" to 2" x 2"
- Sheet 12: 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 front elevation from 2 ½" x 2 ½" to 2" x 2"
- Sheet 13: Changed galvanized tubing dimensions for right side view from 2 ¼" x 2 ¼" to 1 ¾" x 1 ¾"

**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."

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- 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

#### **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.

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#### **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:**

**Sign-110-c, Sign-200-c:** Dated 02/07/14

Signing Special Details, returned to Sign Support Standard Plans.

**Sign-720-b, Sign-820-b, Sign-870-b, Sign-890-b:** Dated 09/10/13.

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

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**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  
**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 “4<sup>th</sup> edition” to “current edition” for the following standards:

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

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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  
Sign-115-B to Sign-115-C, Sign-160-B to Sign-160-C, Sign-730-A to Sign-730-B  
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-207-A, Sign-360-A, Sign-510-A, Sign-550-A, Sign-800-A, Sign-850-A,  
Sign-300-A, Sign-370-A, Sign-520-A, Sign-600-A, Sign-810-A, Sign-870-A,  
Sign-330-A, Sign-380-A, Sign-530-A, Sign-610-A, Sign-820-A, Sign-880-A,  
Sign-340-A, Sign-500-A, Sign-540-A, Sign-750-A, Sign-830-A, Sign-890-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**

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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:

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.

**SNSUP-INDEX-A:** Dated 11/17/09.

**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.

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#### **SIGN-100-D, SIGN-120-B, and SIGN-150-B:**

Returned to Signing Standards from Interim Special Details.

**SIGN-115-B:** Dated 10-16-2008, added sheets 8-9.

**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.

**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.

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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.

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.

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#### 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.