

NOTES:

- 2. CONSTRUCTION.
- 3.
- 4. STANDARD SPECIFICATIONS FOR CONSTRUCTION.
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- 6. SPECIFICATIONS FOR CONSTRUCTION.
- 7. CONSTRUCTION, EXCEPT MINIMUM MT INSPECTION FREQUENCY IS INCREASED TO 25 PERCENT.
- 8. SEE CURRENT MDOT SIGN SUPPORT TYPICAL PLAN SIGN-340-SERIES FOR SIGN FOUNDATION.
- 9. SEE CURRENT MDOT SIGN SUPPORT TYPICAL PLAN SIGN-700-SERIES FOR SIGN CONNECTION.
- 10. MDOT STANDARD OF SPECIFICATIONS FOR CONSTRUCTION.
- SNUGGING UP FLANGE BOLTS. THE FLANGE BOLTS MUST NOT BE TORQUED IN AN ATTEMPT TO CLOSE.
- 12. BASE PLATE (P) WARPAGE MUST NOT EXCEED 1/16 INCH PER FOOT.
- CONSTRUCTION.
- CAULKING TUBES.
- 15. CHARPY V-NOTCH TESTING IS REQUIRED FOR THE COLUMN UPRIGHT IN ACCORDANCE WITH THE AASHTO LRFD WITH INTERIM REVISIONS THROUGH 2022.

NOT TO SCALE

1. THE DESIGN OF THIS STRUCTURE IS BASED ON THE AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 1ST EDITION, WITH INTERIM REVISIONS THROUGH 2022.

WELDING MUST BE IN ACCORDANCE WITH AWS D1.1 AS SPECIFIED IN 20SP-707A, STRUCTURAL STEEL AND ALUMINUM

MAXIMUM SIGN AREA IS 240 SOUARE FEET FOR ONE SIGN. MINIMUM SIGN HEIGHT WITH ALUMINUM BEAM IS 6.5 FEET. GALVANIZING OF BOLT ASSEMBLIES SHALL BE IN ACCORDANCE WITH SUBSECTIONS 919.07.1 AND 906.07 OF THE MDOT

PROVIDE 1¹/₁₆" Ø HOLES FOR 1" Ø HIGH STRENGTH (HS) BOLTS FOR ALL CONNECTIONS UNLESS OTHERWISE STATED. PROVIDE HIGH STRENGTH BOLTS, NUTS, AND WASHERS IN ACCORDANCE WITH SUBSECTION 906.07 OF THE MDOT

TIGHTEN ALL HIGH STRENGTH BOLTS BY THE TURN OF NUT METHOD PER SUBSECTION 707.03.E OF THE MDOT STANDARD

ALL WELDS MUST BE INSPECTED IN ACCORDANCE WITH SUBSECTION 707.03.D.12 OF THE STANDARD SPECIFICATIONS FOR

COLUMN SECTIONS AND ARM SECTIONS MATERIALS MUST BE PROVIDED IN ACCORDANCE WITH SUBSECTION 919.07 OF THE

11. THE FLANGE PLATES MUST BE WELDED TO ASSURE OBTAINING FULL CONTACT IN THE RELAXED POSITION PRIOR TO

13. CJP WELDS ON OPTIONAL ARM SPLICES SHALL BE GROUND SMOOTH. ANY GRINDING OF WELDS IS TO BE DONE PRIOR TO GALVANIZATION. WELDING SHALL BE IN ACCORDANCE WITH SECTION 707 OF THE STANDARD SPECIFICATIONS FOR

14. SELECT SEALANT FOR PERIMETER OF BACKING BAR PLATE FROM THE QUALIFIED PRODUCTS LIST. PROVIDE SEALANT IN

SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 1ST EDITION,

	(SPECIAL DETAIL)	08/08/23	SIGN-300-D	SHEET
	F.H.W.A. APPROVAL	PLAN DATE		20F6

MICHIGAN DEPARTMENT OF TRANSPORTATION







