

**GENERAL NOTES**

**WELDING:** All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specifications.

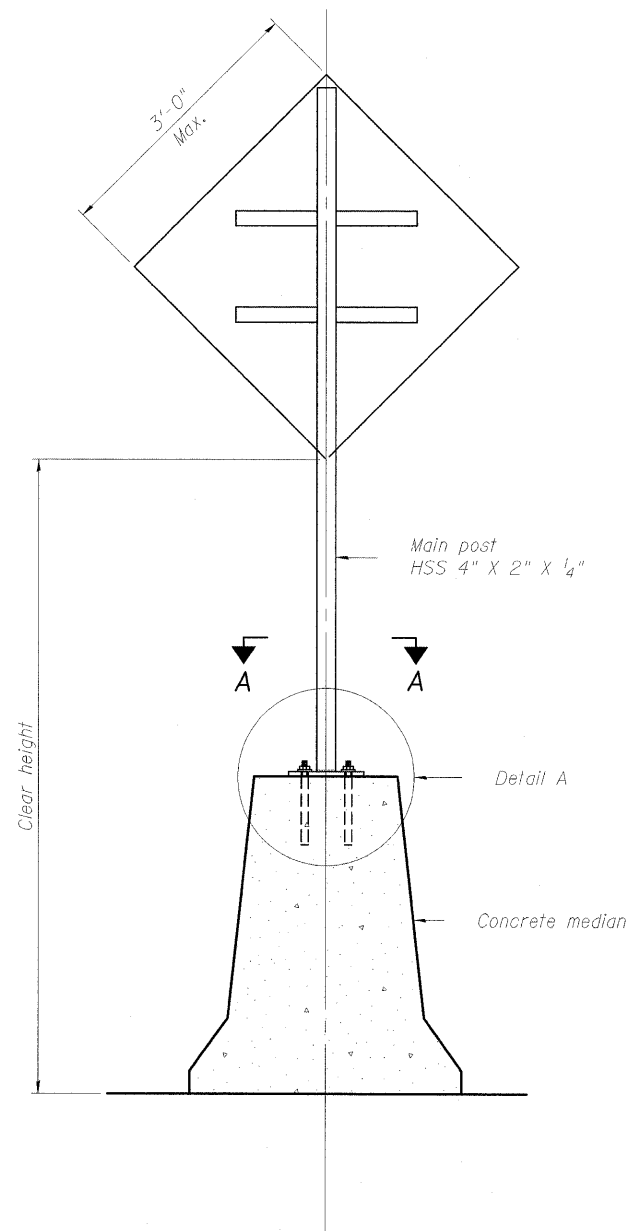
**MATERIALS:** All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50.).

**HIGH STRENGTH BOLTS:** All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.

**GALVANIZING:** All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

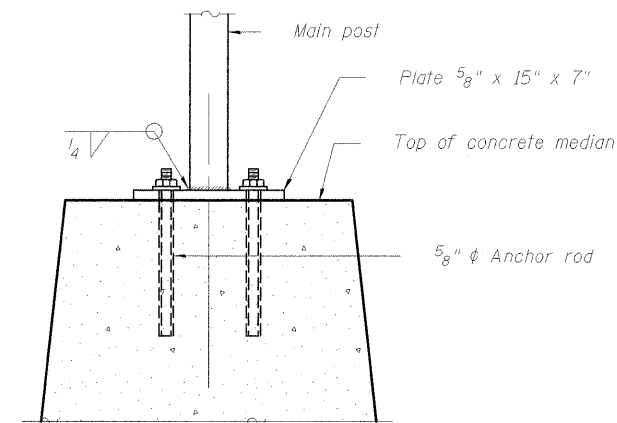
**ANCHOR RODS:** All-threaded rod shall conform to ASTM F1554 Grade 105,  $\frac{5}{8}$ "  $\phi$  x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

All costs for material, equipment and labor for welding, high strength bolts, galvanizing, plates and anchor rods shall be incidental to the cost of HSS 4" X 2" X  $\frac{1}{4}$ " sign support

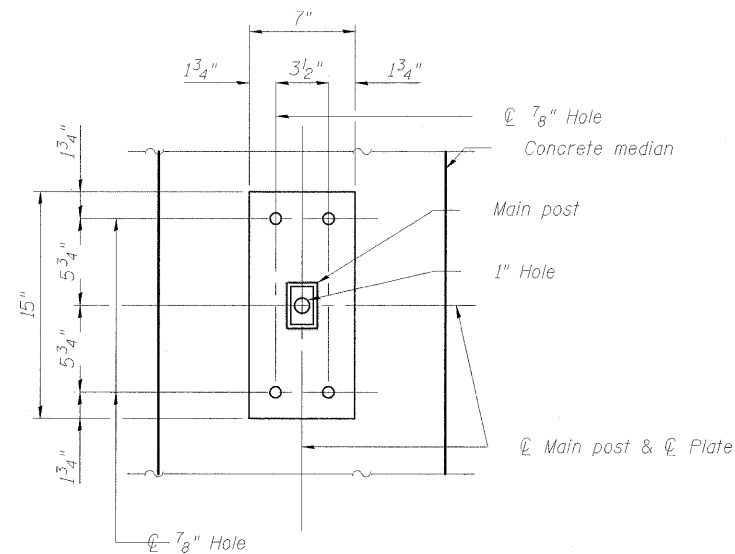


**SINGLE POST ASSEMBLY**

Dimensional changes required for varying site conditions shall be approved by the Engineer.



**DETAIL A**



**SECTION A-A**

FILE NAME =	USER NAME = Rob Heady	DESIGNED - JH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGN CONNECTION TO MEDIAN BARRIER</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...D978182-sht-sign105-Tube Steel-Barrier	Sign.dgn	DRAWN - JH	REVISED -			* IX1-6-2HBK-2, HB-1,2; IX-1R-1	WILLIAMSON	968	520	
	PLOT SCALE = 50:1 1" = 50'	CHECKED - SD	REVISED -			* F.A.I. 57 AND F.A.P. 331	CONTRACT NO. 78182			
	PLOT DATE = 10/7/2011	DATE - 10/07/11	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.