

ELEVATION



LOCATION SKETCH



(Install with notches down.)





45°

See Detail H -

SECTION D-D

NOTE: Sign Post Details are for new Sign Panel SP17 © RT STA 1102+25 - see Schedule of Quantities.







typ.

SECTION C-C

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the Junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES: Structural steel - 20,000 p.s.i. Reinforcing steel - 20,000 p.s.i. Concrete - 1,400 p.s.i. Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.



													(Sheet 1 of 2)
FILE NAME = \Sign Support Details.dgn	USER NAME = SJS	DESIGNED -	REVISED -		FAI ROUTE 55 (I-55)				F.A.I.	SECTION	COUNTY	TOTAL SHEET	
		DRAWN -	REVISED -	STATE OF ILLINOIS				55 60-	60-(1,2)RS-2	,2)RS-2 MADISON	N 156 139		
	PLOT SCALE = 0.5000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS					CONTRACT NO. 76C93			
	PLOT DATE = Ø6/23/2010 15:35:56	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. ILLINOIS FI	ED. AID PROJECT	





SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

BILL OF MATERIAL

ITEM		UNIT	TOTAL
te Foundations		Cu Yd	4.2
rcement Bars		Lbs	250
ural Steel Sign	Support - Breakaway	Lbs	2,310