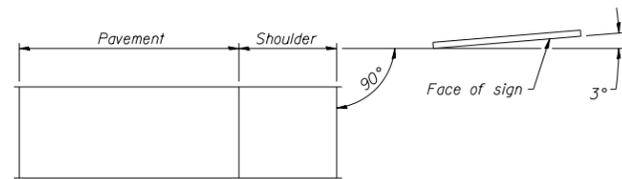
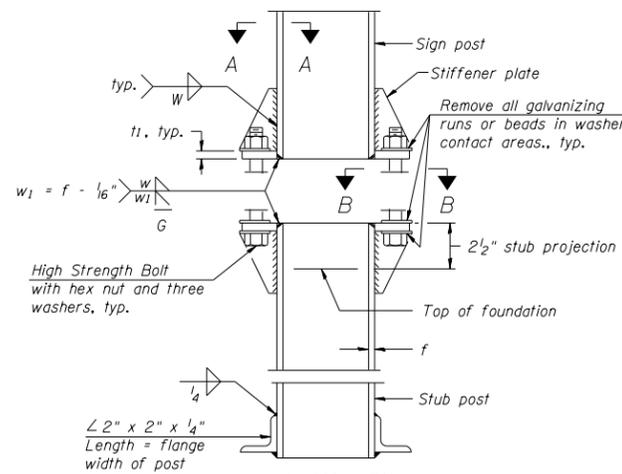


ELEVATION

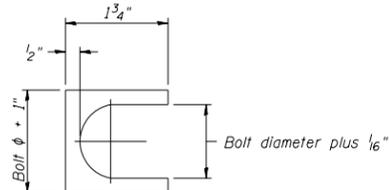


LOCATION SKETCH



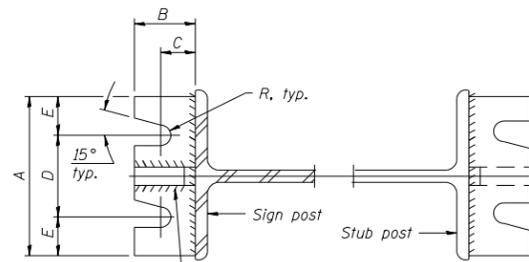
ELEVATION  
SIGN POST & STUB POST

0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts



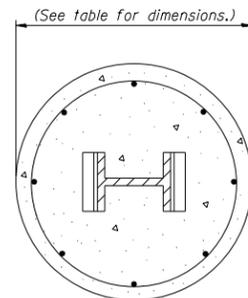
SHIM DETAIL

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

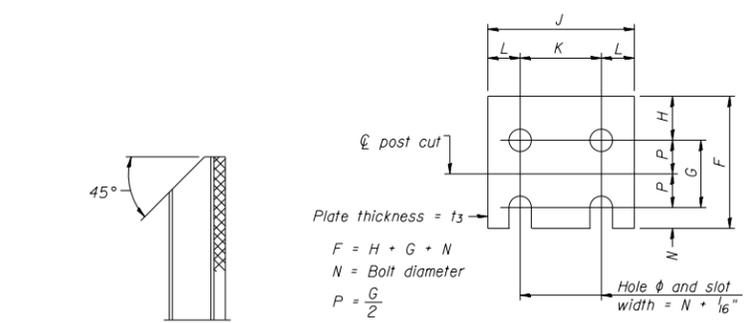


SECTION A-A

SECTION B-B



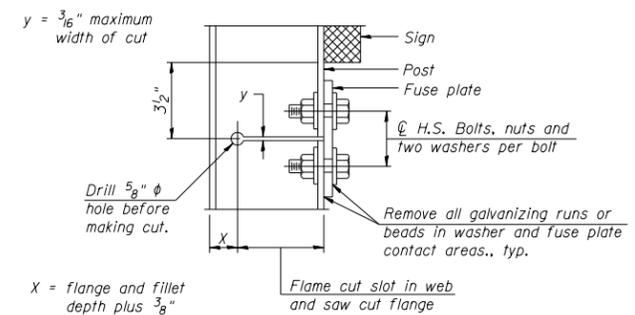
SECTION C-C



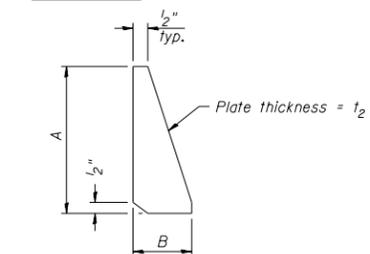
FUSE PLATE DETAIL  
(Install with notches down.)

N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"

Plate thickness =  $t_3$   
 $F = H + G + N$   
 $N = \text{Bolt diameter}$   
 $P = \frac{G}{2}$



DETAIL H



STIFFENER PLATE DETAIL  
Diameter

GENERAL NOTES

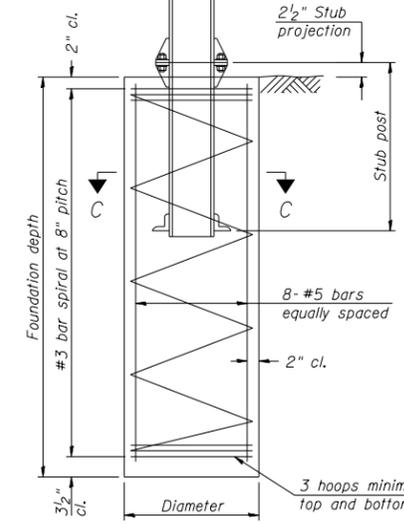
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

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.



SECTION D-D

FILE NAME =	USER NAME = BAW1ort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-ST	PRODUCT-SIGNDETAILS.dgn	DRAWN - MNB	REVISED -
PLOT SCALE = 10.0000 "/in.	CHECKED - RCB	REVISOR -	REVISED -
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISOR -	REVISED -

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	332
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	