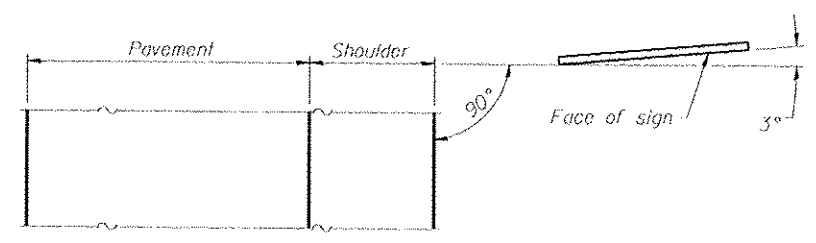
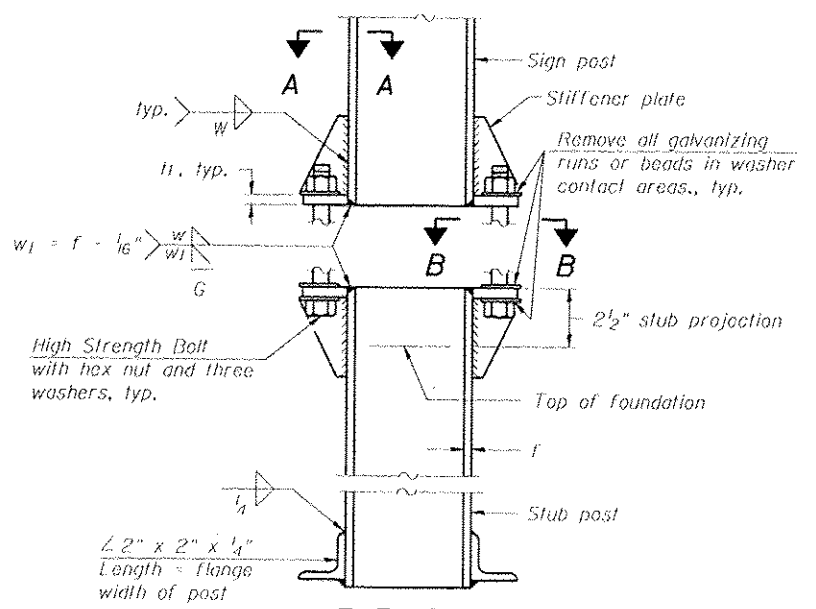


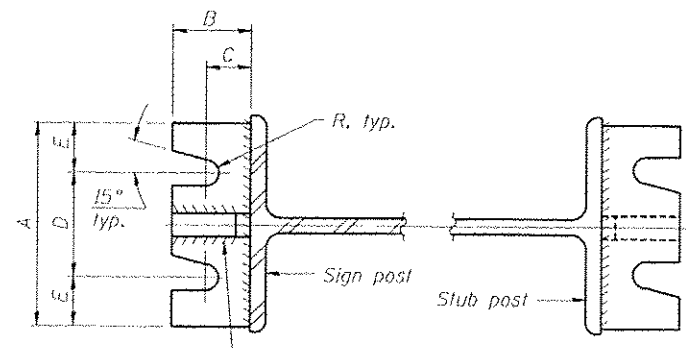
ELEVATION



LOCATION SKETCH

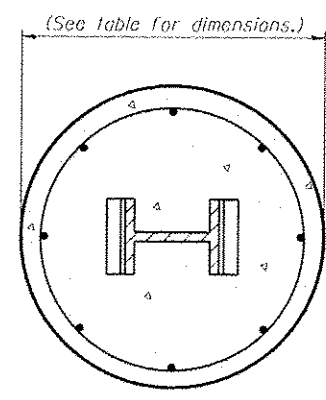


ELEVATION SIGN POST & STUB POST

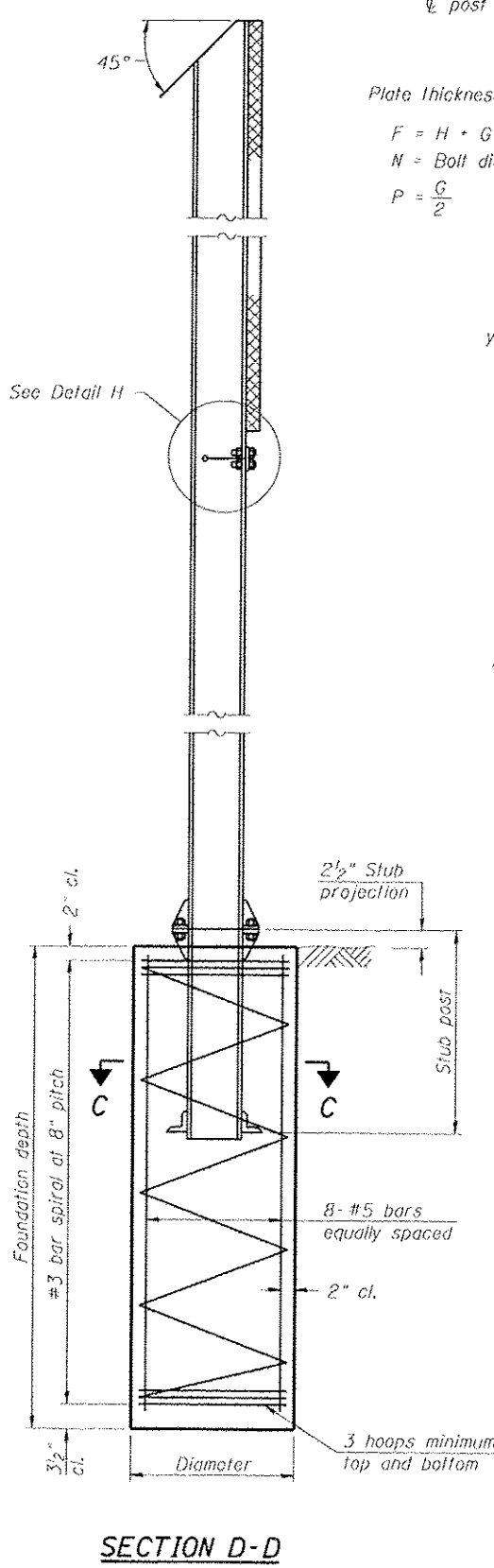


SECTION A-A

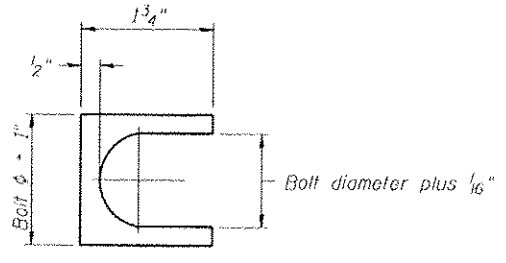
SECTION B-B



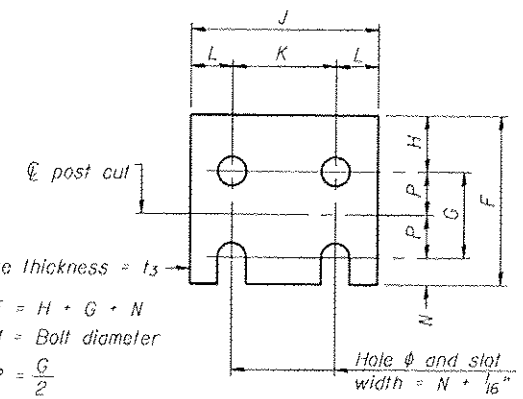
SECTION C-C



SECTION D-D

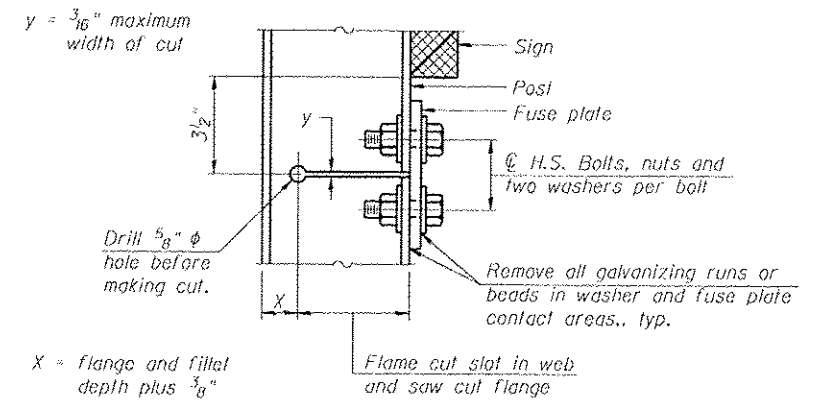


Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

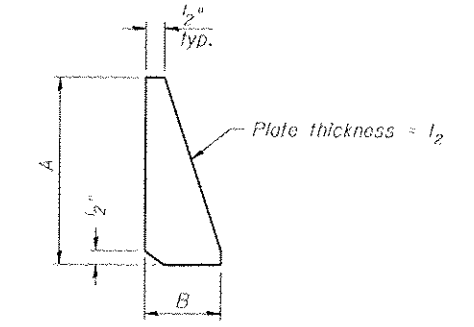


FUSE PLATE DETAIL
(Install with notches down.)

FUSE PLATE DATA		
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"



DETAIL H



STIFFENER PLATE DETAIL

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.

BAW-A-1

6-1-12

(Sheet 1 of 2)

TYLIN INTERNATIONAL USER NAME PROJ. SCALE PROJ. DATE	DESIGNED DRAWN CHECKED DATE 05/10/2013	REVISED REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS	F.A.I. R.T.E. 57	SECTION 99-1HB-R1	COUNTY WILL	TOTAL SHEETS 679	SHEET NO. 304
	SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60L69 ILLINOIS FED. AID PROJECT				