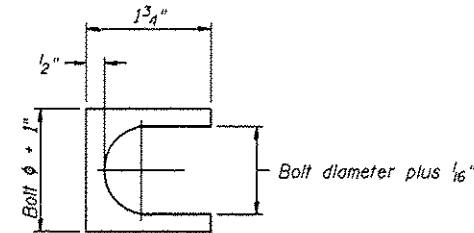
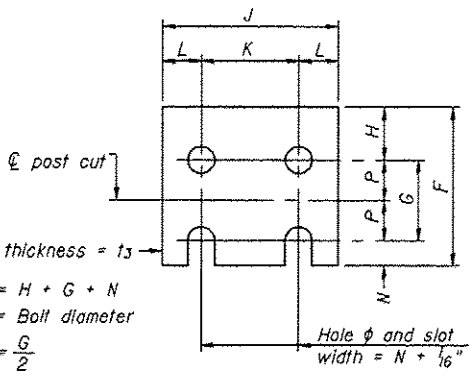


ELEVATION



SHIM DETAIL

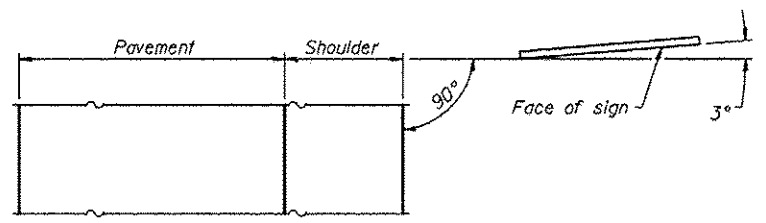
Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.



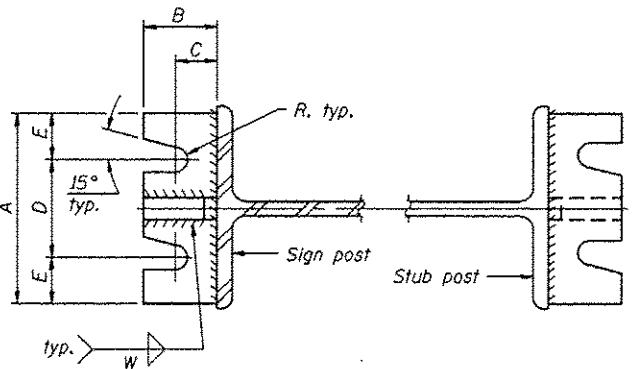
FUSE PLATE DETAIL

(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
$\frac{1}{2}$ "	2"	$1\frac{1}{8}$ "
$\frac{5}{8}$ "	$2\frac{1}{4}$ "	$1\frac{1}{4}$ "
$\frac{3}{4}$ "	$2\frac{1}{2}$ "	$1\frac{3}{8}$ "
$\frac{7}{8}$ "	$2\frac{3}{4}$ "	$1\frac{1}{2}$ "
1"	3"	$1\frac{5}{8}$ "
$1\frac{1}{8}$ "	$3\frac{1}{4}$ "	$1\frac{3}{4}$ "
$1\frac{1}{4}$ "	$3\frac{1}{2}$ "	$1\frac{7}{8}$ "

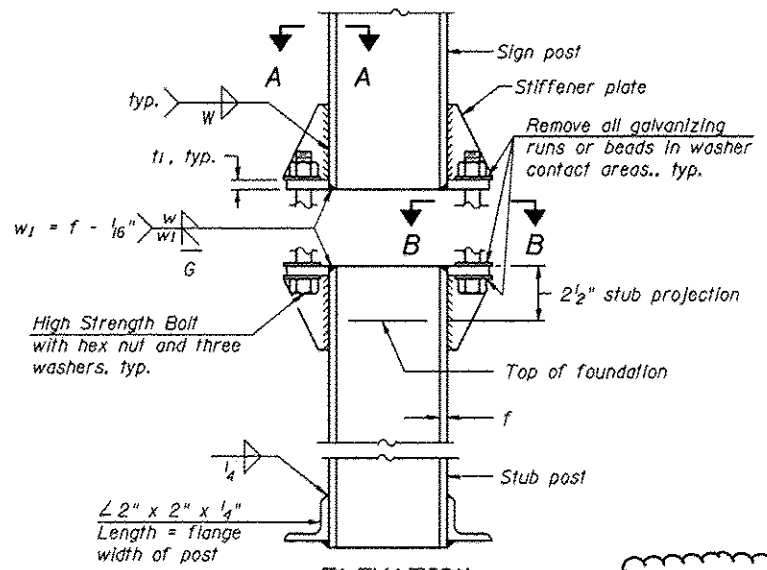


LOCATION SKETCH



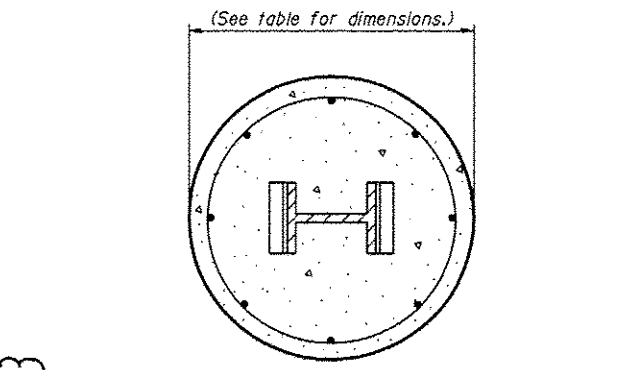
SECTION A-A

SECTION B-B

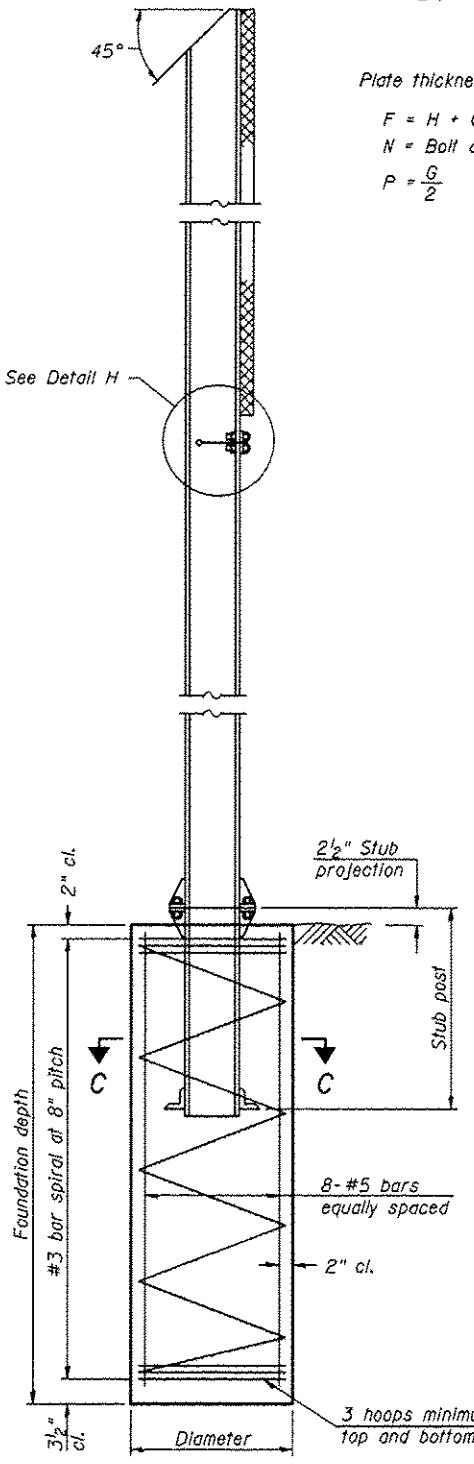


ELEVATION SIGN POST & STUB POST

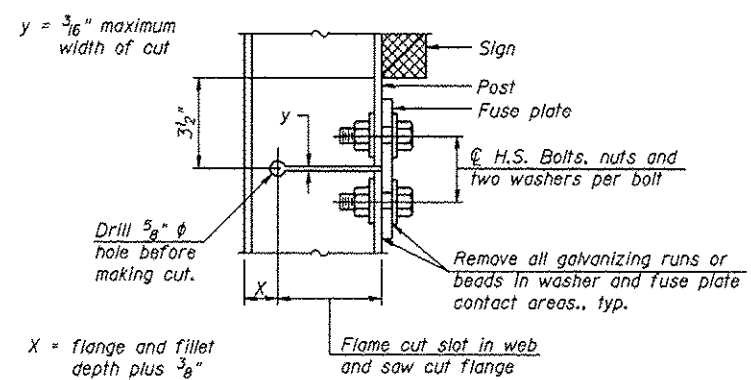
ADDED SHEET



SECTION C-C



SECTION D-D



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 M11. 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)

FILE NAME *	USER NAME *	DESIGNED -	REVISED Δ 7/17/12
		CHECKED -	REVISED
PLOT SCALE *		DRAWN -	REVISED
PLOT DATE *		CHECKED -	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
 STEEL SIGN POST DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	B04A
				CONTRACT NO. 60L77
ILLINOIS FED. AID PROJECT				

SHEET NO. OF SHEETS