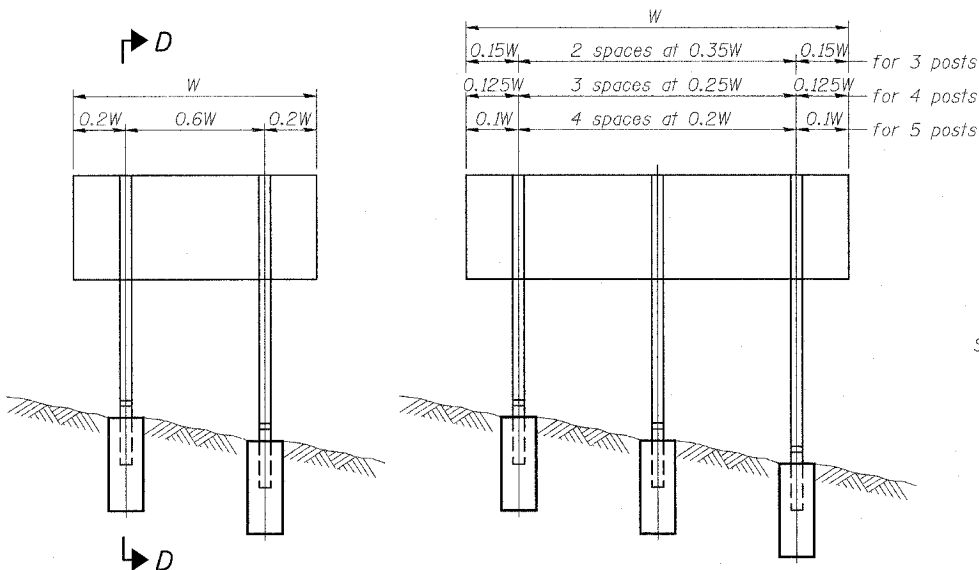
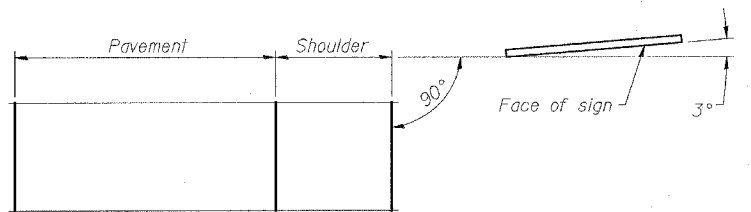


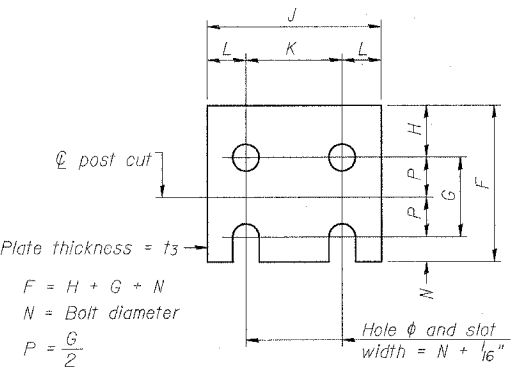
F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
57/64		(41-3)HBK		JEFFERSON		264		264	
STA.		TO STA.							
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT					



ELEVATION

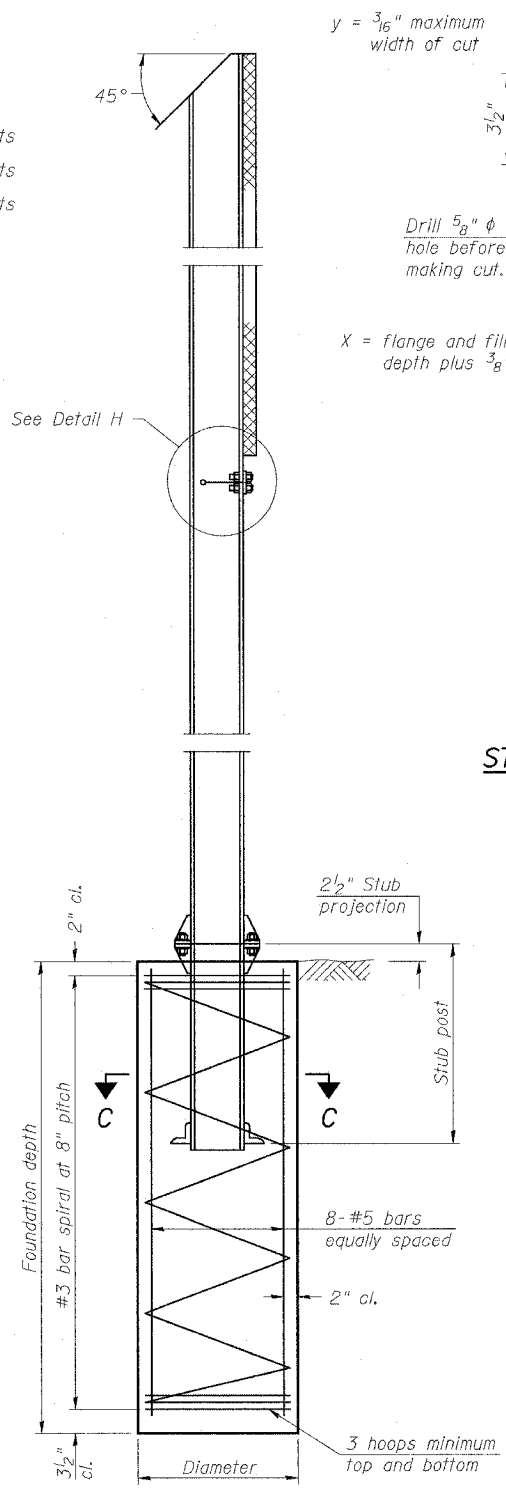


LOCATION SKETCH

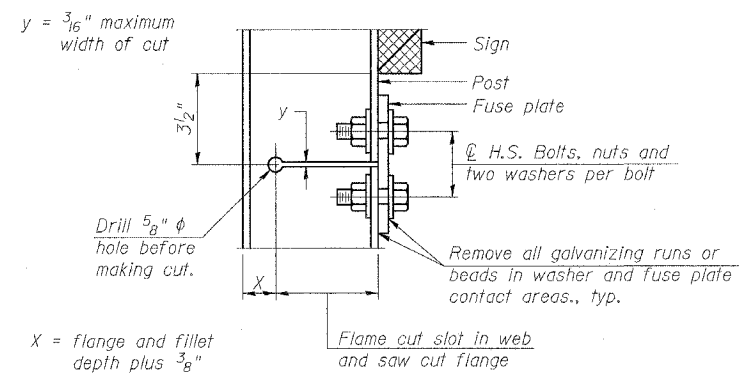


FUSE PLATE DETAIL
(Install with notches down.)

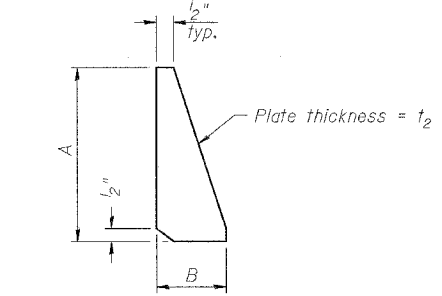
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"



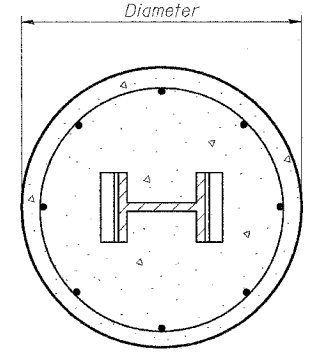
SECTION D-D



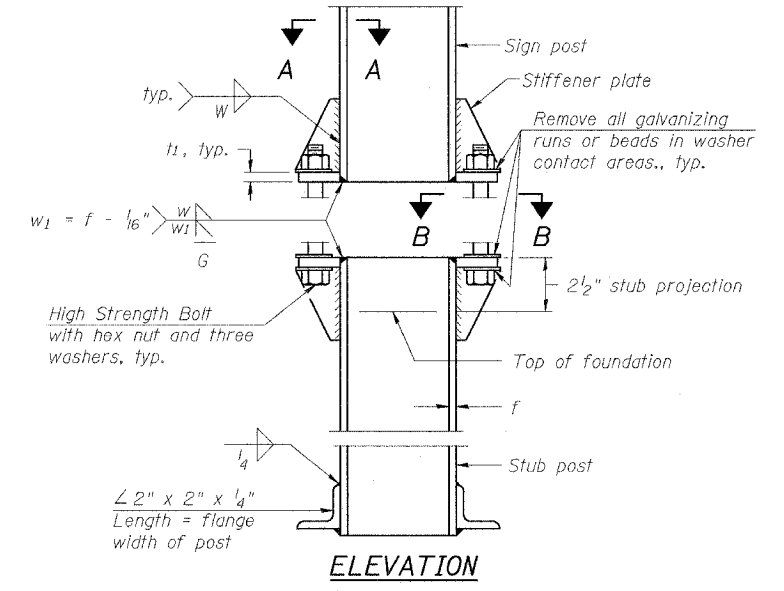
DETAIL H



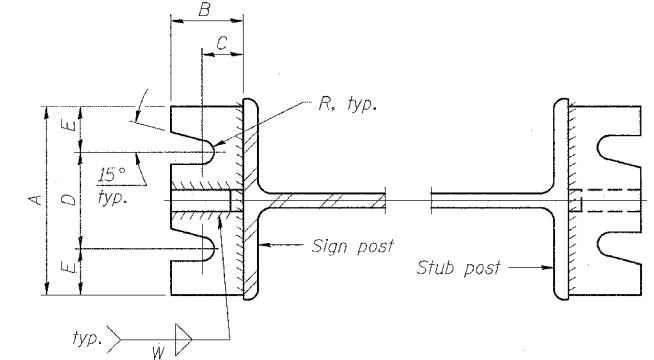
STIFFENER PLATE DETAIL
(See table for dimensions.)



SECTION C-C

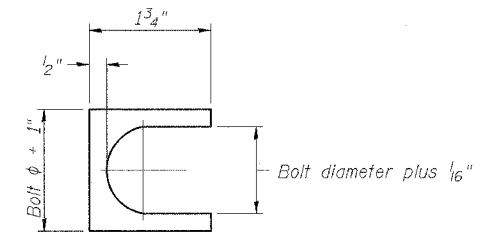


ELEVATION SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM 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.

(Sheet 1 of 2)

NUMBER	REVISION	DATE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS SCALE: VERT. NONE HORIZ. DATE DRAWN BY CHECKED BY

PLOT DATE = 5/11/2007
 FILE NAME = c:\p\projects\final\consult\ant\wetsmndr\ive\st\supplid\info\d982856\sign.dgn
 PLOT SCALE = 5/8"=1'-0"
 USER NAME = russellr

BAW-A-1

7/01/2006