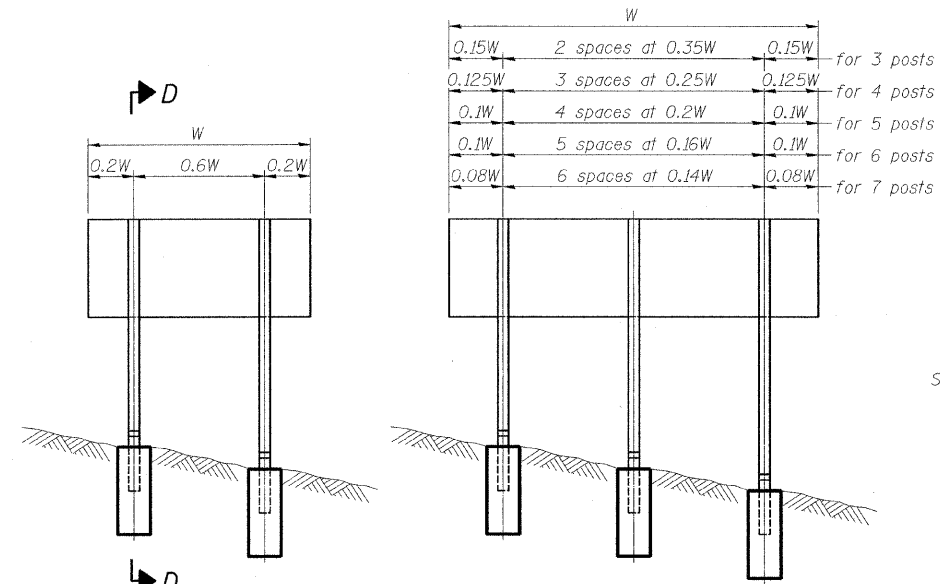
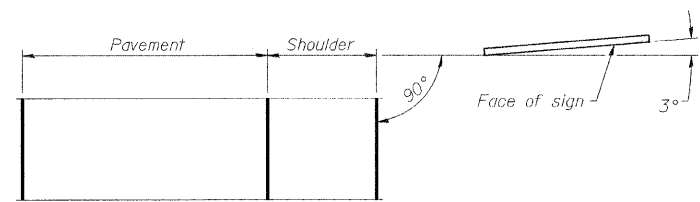


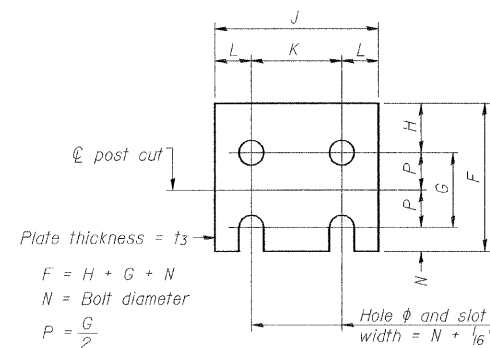
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION

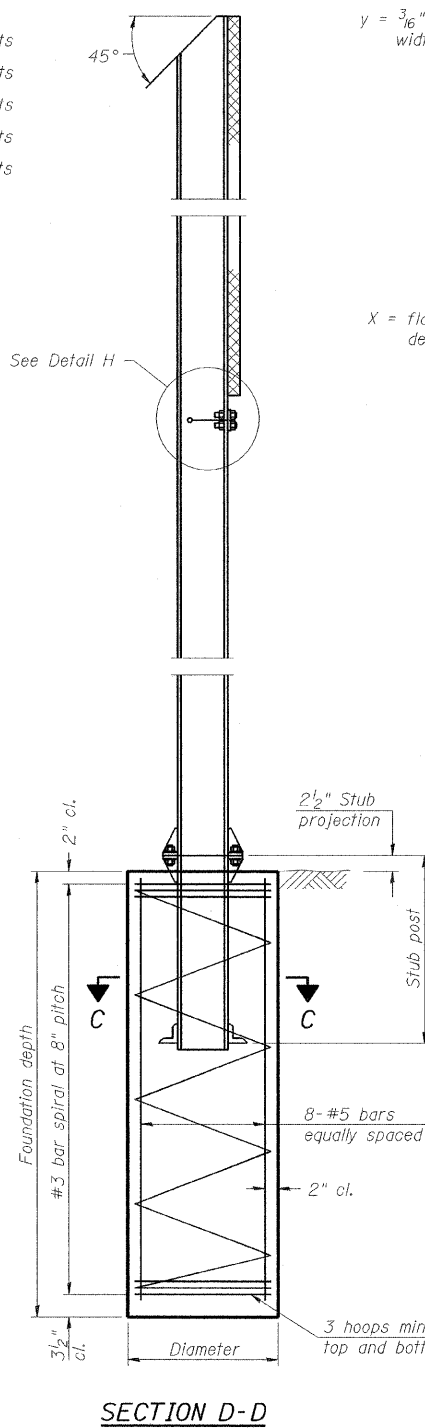


LOCATION SKETCH

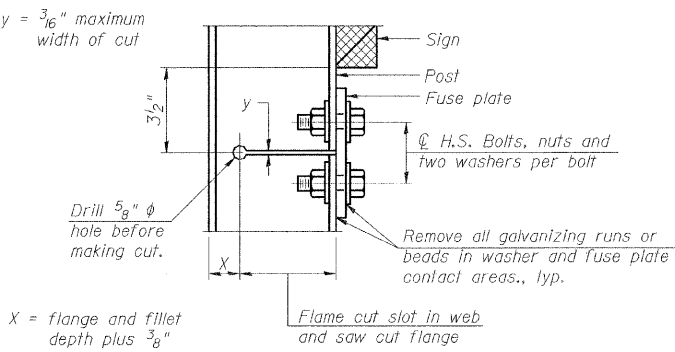


FUSE PLATE DETAIL
(Install with notches down.)

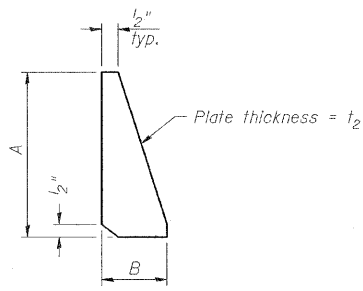
FUSE PLATE DATA			
N = Bolt Diameter	G	H	
2"	2"	1 1/8"	
5/8"	2 1/4"	1 1/4"	
3/4"	2 1/2"	1 3/8"	
7/8"	2 3/4"	1 1/2"	
1"	3"	1 5/8"	
1 1/8"	3 1/4"	1 3/4"	
1 1/4"	3 1/2"	1 7/8"	



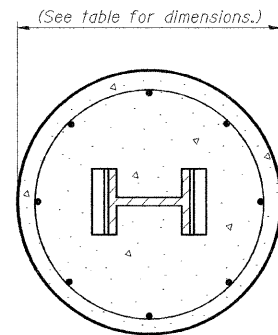
SECTION D-D



DETAIL H



STIFFENER PLATE DETAIL



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 T27.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

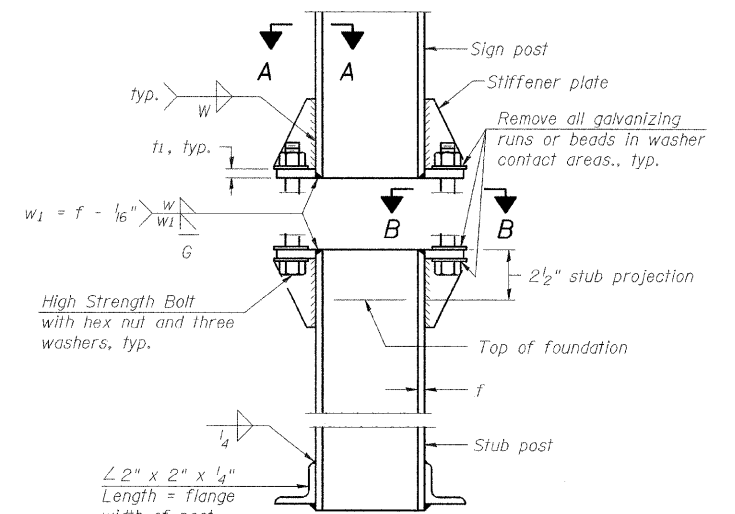
LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

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.

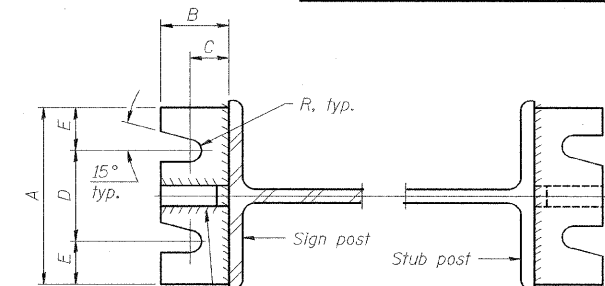
After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

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

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com
Job No. 910

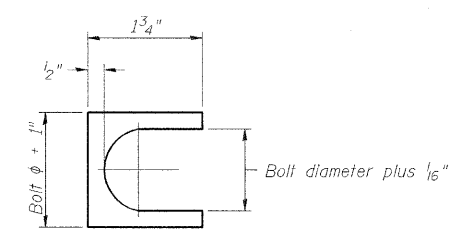


ELEVATION
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

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

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

DESIGNED - RA
CHECKED - BLU
DRAWN - LAM
CHECKED - BLU

BAW-A-1

12-1-08

NUMBER	REVISION	DATE

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2 SHEETS	0353	0303.1B-1	COOK	91	32
SN 016-0275			CONTRACT NO. 60C05		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			