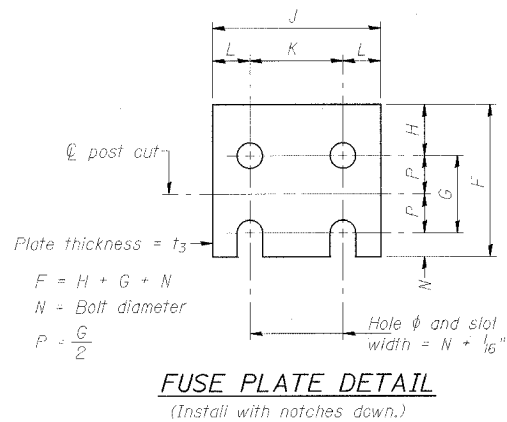
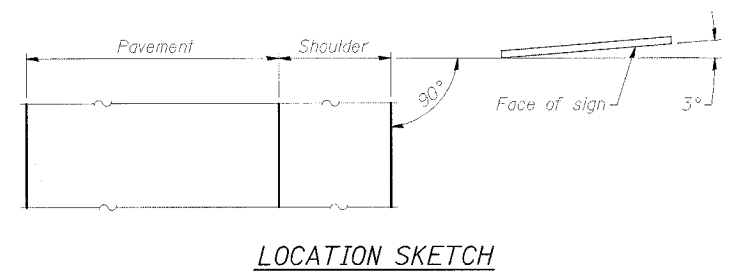
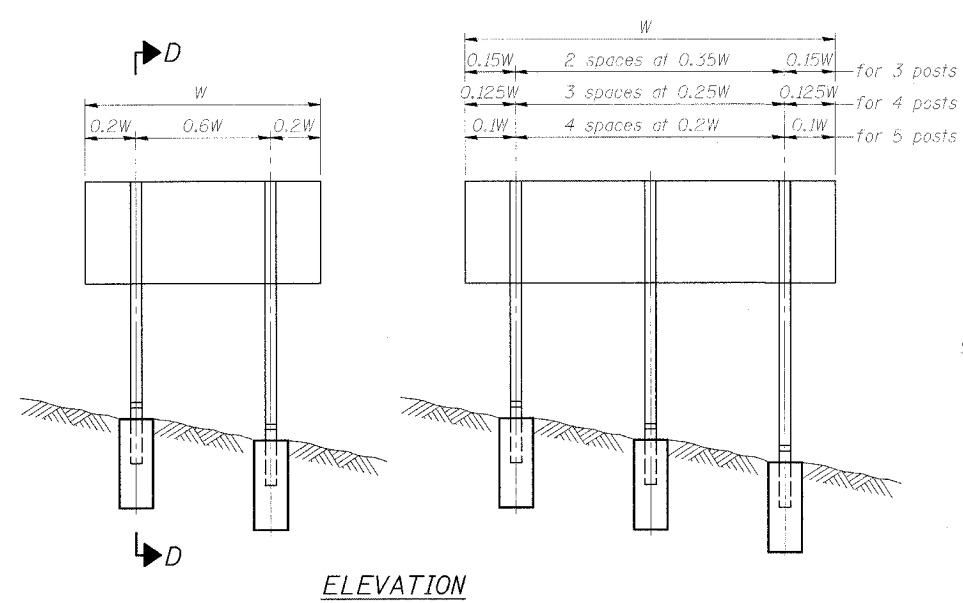


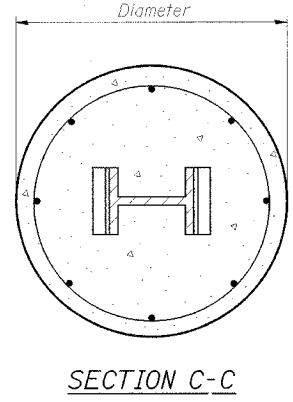
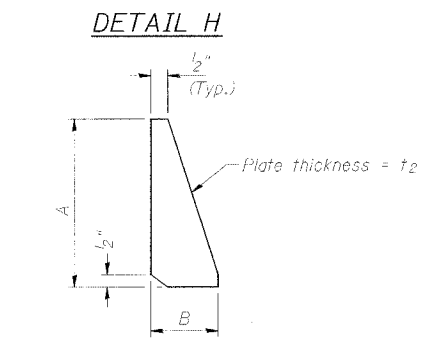
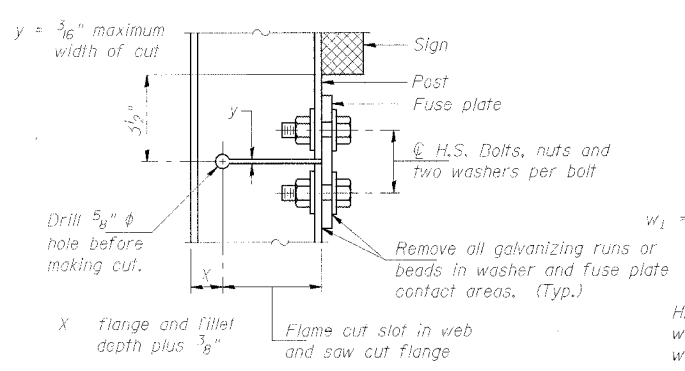
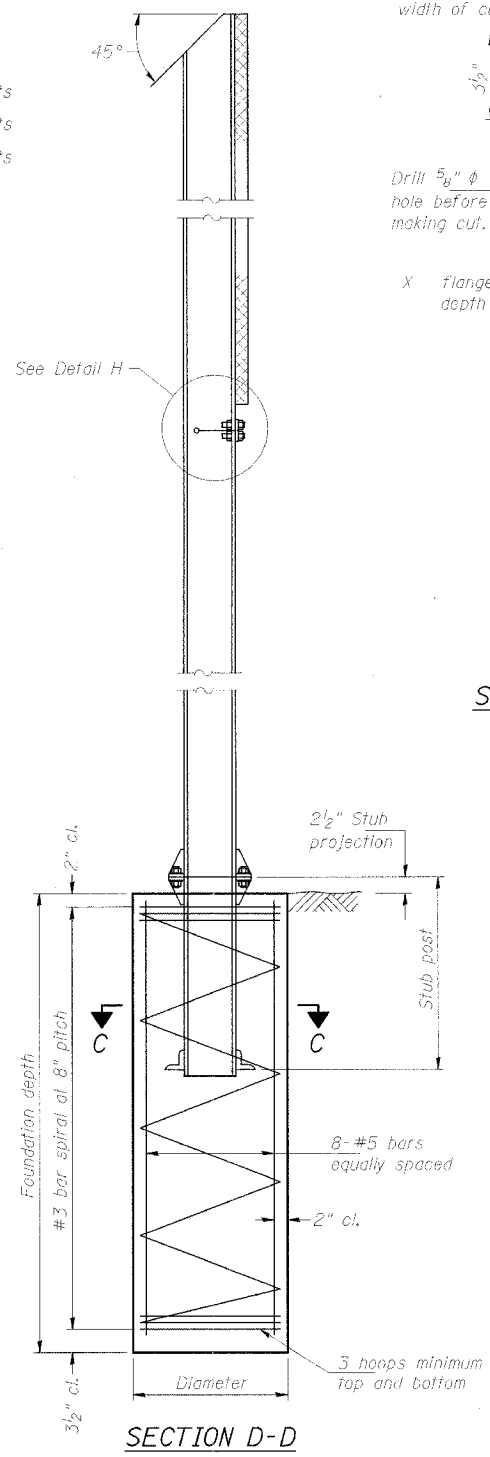
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55.80	*	WILL	497	296
FED. ROAD DIST. NO. 1		BILLINGS	FED. AID PROJECT	

#80906



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 1/2"	1 3/4"



GENERAL NOTES

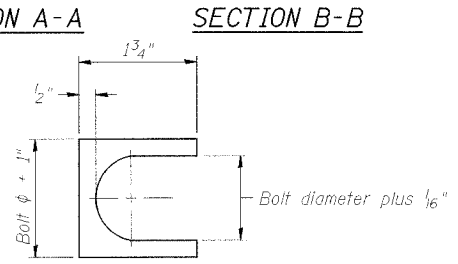
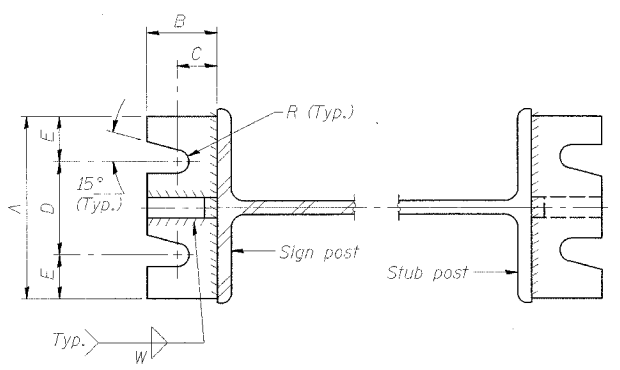
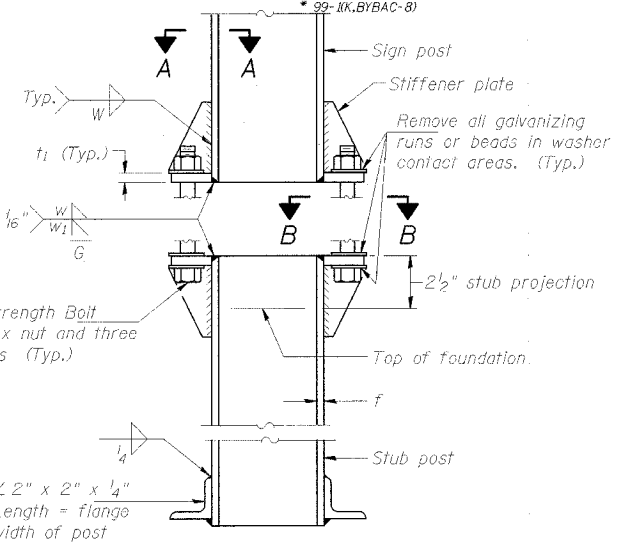
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 505.04(f)(3), and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

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" (Minimum) 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.



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

DESIGNED	SL
CHECKED	AS
DRAWN	MD
CHECKED	SL

EXAMINED	20
PASSED	ENGINEER OF STRUCTURAL SERVICES
	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

BAW-A-1 11/1/2002

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS**

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-55 (STEVENS ON EXPY.) AT ILL. RTE. 53
STEEL SIGN POST DETAIL-1