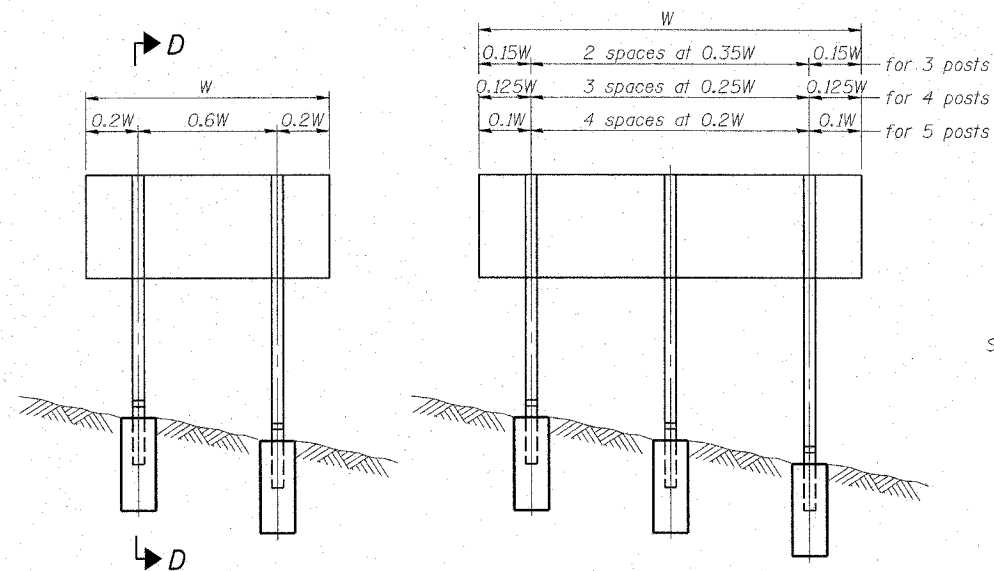
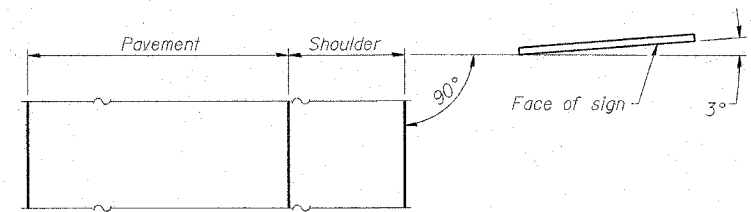


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

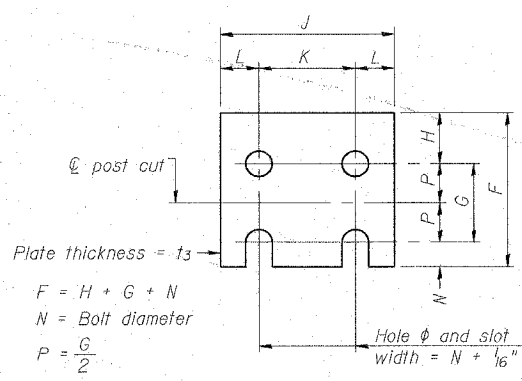
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 90/94		COOK	588	302
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		
* (B18, ETC. 2324.6-1P) R-11				62303



ELEVATION

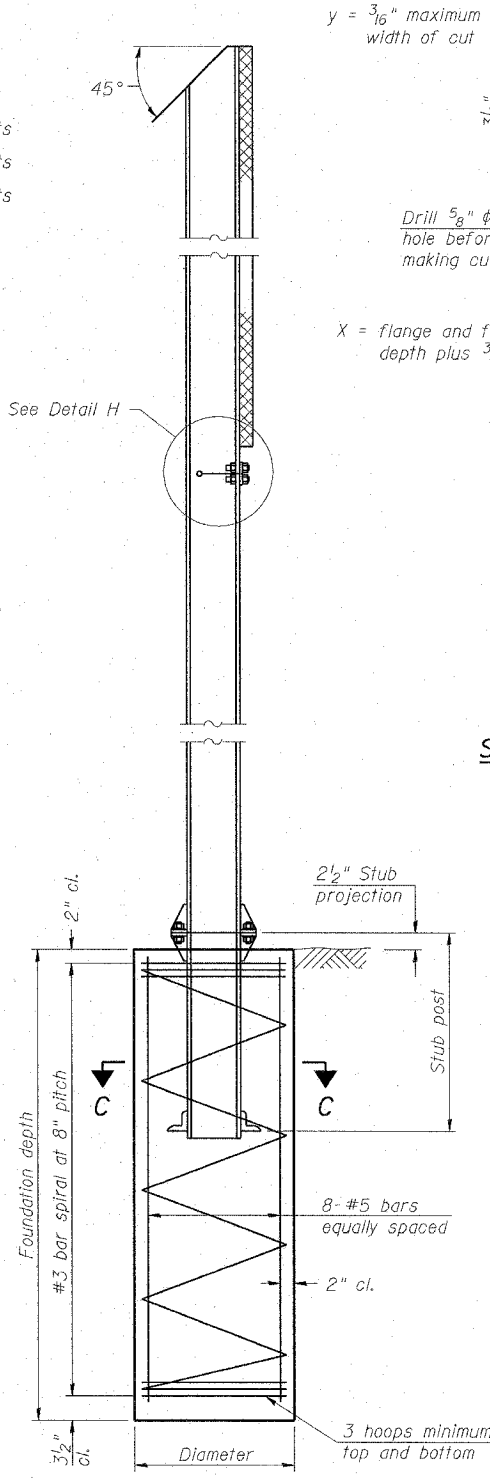


LOCATION SKETCH

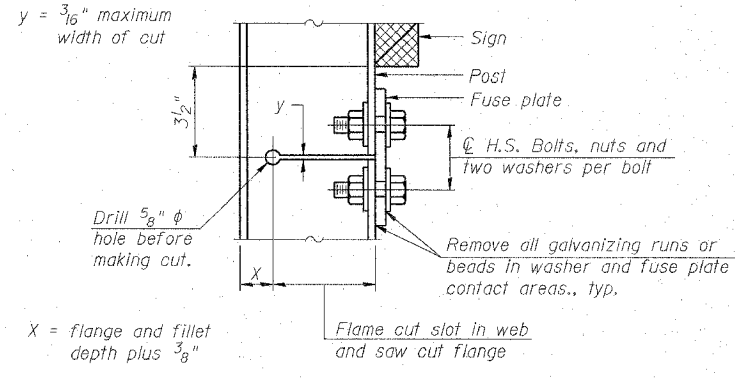


FUSE PLATE DETAIL  
(Install with notches down.)

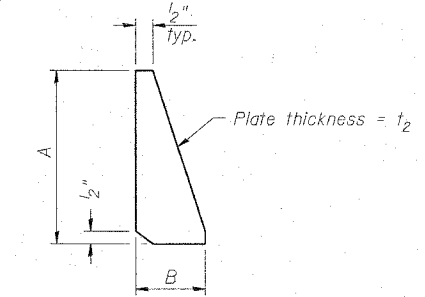
FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"



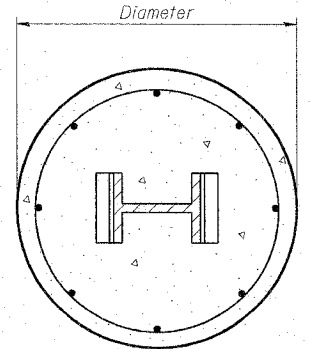
SECTION D-D



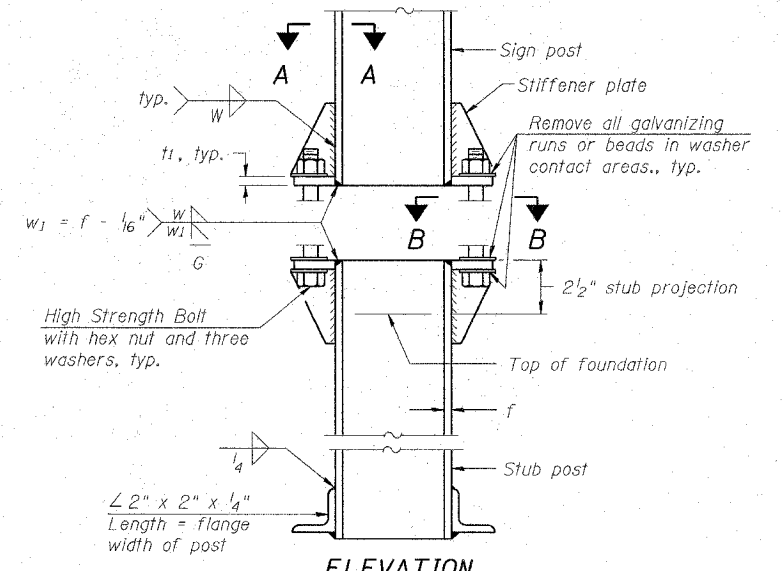
DETAIL H



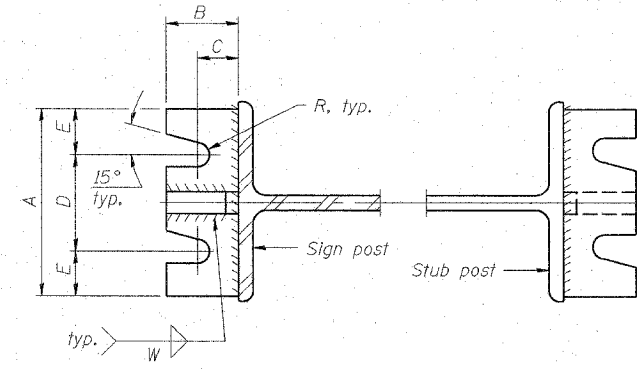
STIFFENER PLATE DETAIL  
(See table for dimensions.)



SECTION C-C

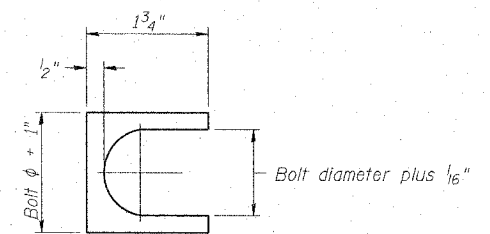


ELEVATION  
SIGN POST & STUB POST



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 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", 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.

BREAK-AWAY WIDE FLANGE  
STEEL SIGN POST DETAILS

F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)  
PROPOSED IMPROVEMENT

DESIGNED	JSS
CHECKED	MJP
DRAWN	JSS
CHECKED	MJP

EXAMINED	20
PASSED	

NUMBER	REVISION	DATE

I:\4893 AM  
 6/7/2006  
 P:\4893\CHN8-Chrs 18 & 19\STF\CHN 19\Signing\GIS\5519022\Adon