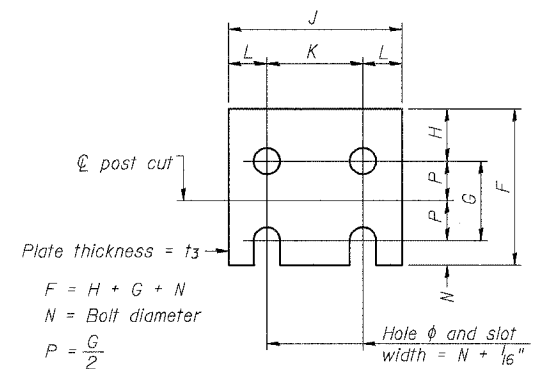
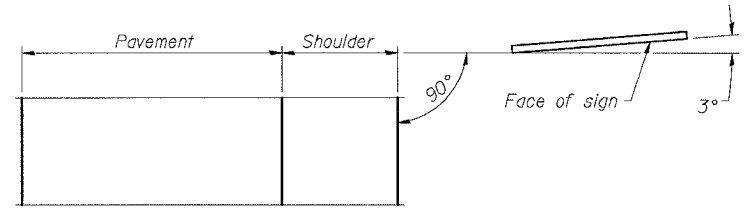
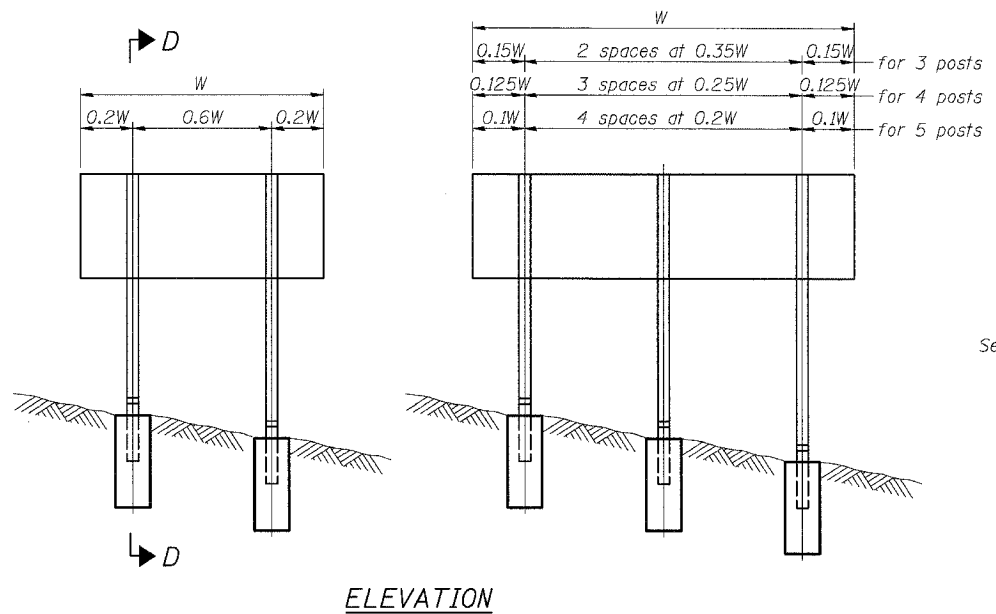


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

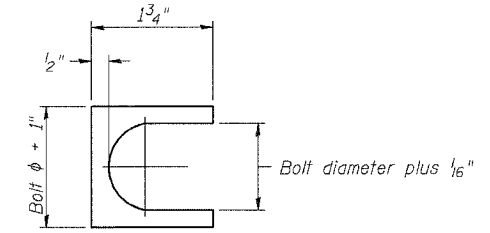
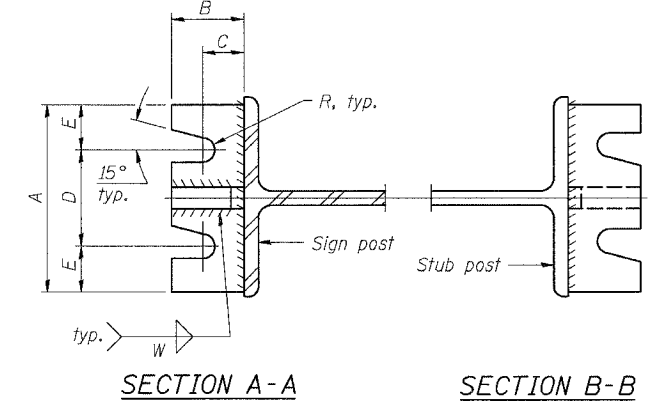
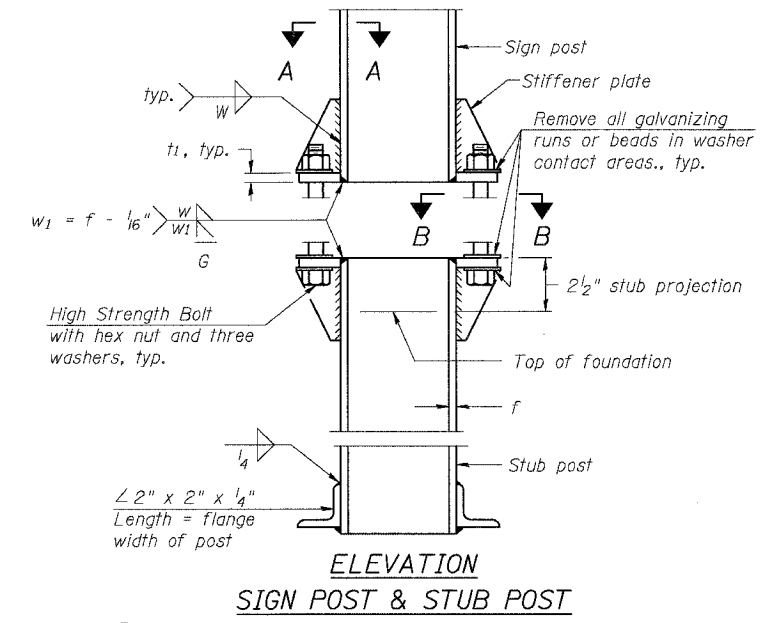
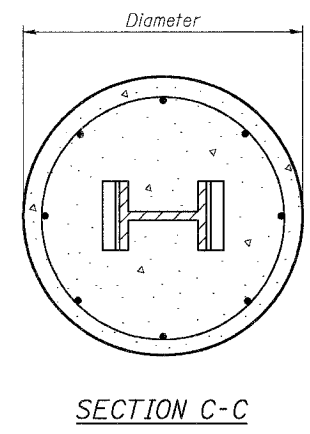
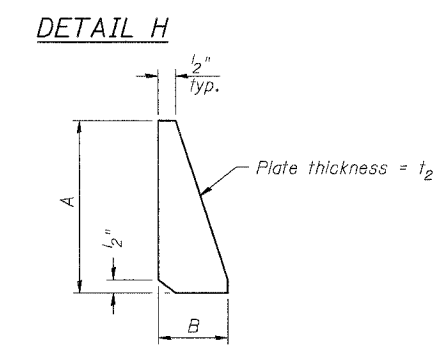
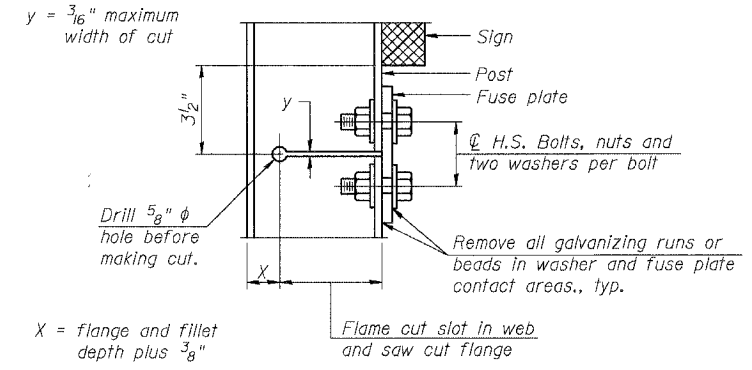
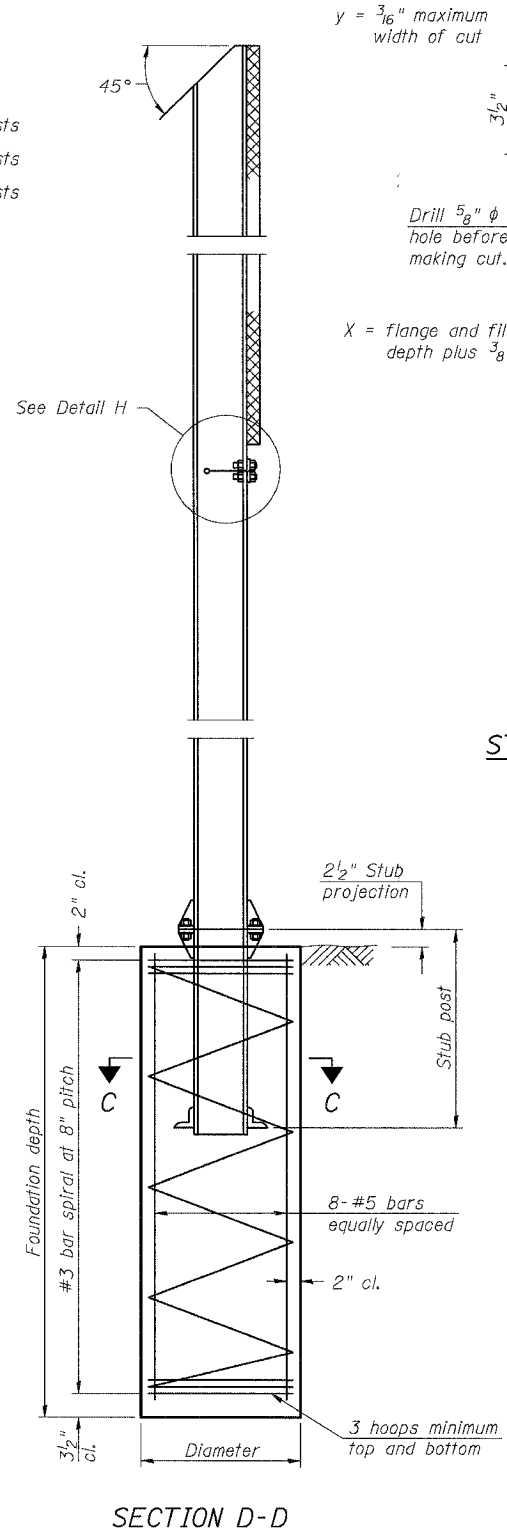
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	281
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

\* 62301 (2021-922 PT2 ETC 2324.6-1P) R-10

SHEET NO. -  
- SHEETS



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"



**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.

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**

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)  
GROUND MOUNT SIGN STRUCTURES

GM-1

DESIGNED	20
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

BAW-A-1      1-7-05

NUMBER	REVISION	DATE

6/7/2006 1:50:10 PM