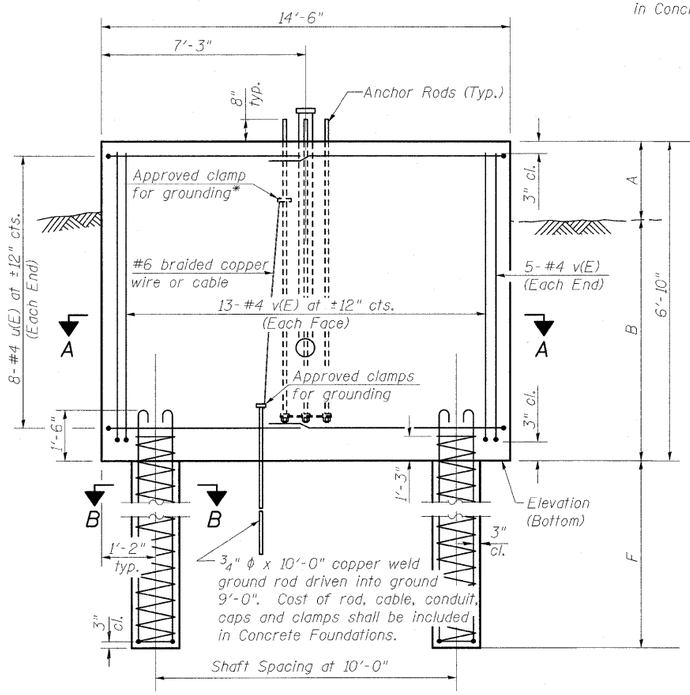
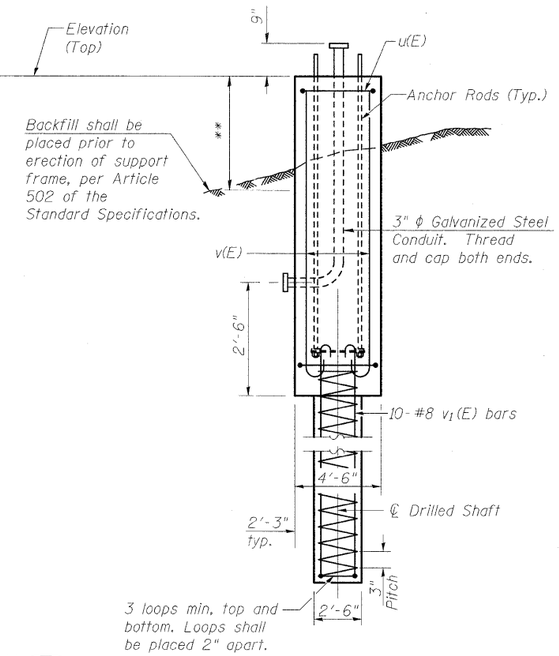
For anchor rod detail and placement, see Cantilever Sign Structures Type II-C-A & III-C-A Truss Support Post Aluminum Truss & Steel Post.

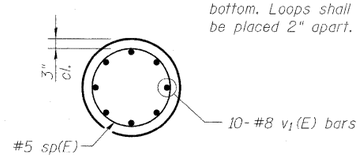
* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

** A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Concrete Foundations.

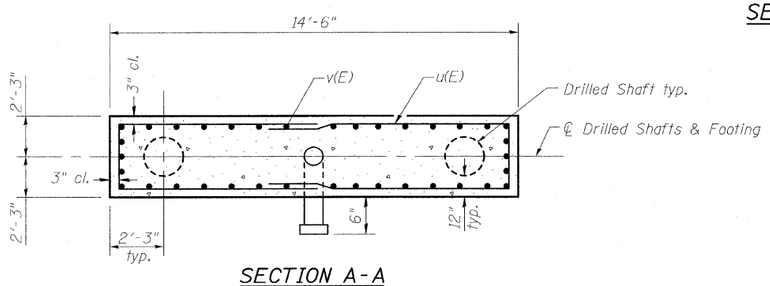


SIDE ELEVATION





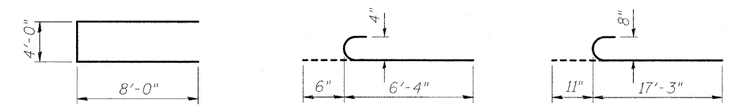
SECTION B-B



SECTION A-A

DESIGN STRESSES

f'c = 3500 psi
fy = 60,000 psi



BAR u(E) BAR v(E) BAR v1(E)

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
sp(E)	2	#5	17'-0"	
u(E)	16	#4	20'-0"	
v(E)	36	#4	6'-10"	
v1(E)	20	#8	18'-2"	

Structure Number	Station	Elevation Top	Foundation Elevation Bottom	Foundation A	Foundation B	Foundation F	Class DS Concrete (Cu. Yds.)
7C025I057R159.6	2165+19	569.78	562.95	3'-4"	3'-6"	16'-0"	22.3

Note:
During construction, if footing length, width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

LICENSED STRUCTURAL ENGINEER
CHADWICK J. FUESTING
081-005834
STATE OF ILLINOIS

EXP. 11-30-2012

Chadwick J. Fuesting 3/15/11

DETAILS FOR TYPE II-C-A TRUSS SUPPORT FRAME

FILE NAME =	USER NAME =	DESIGNED - ACS	REVISED -
		CHECKED - BB	REVISED -
	PLOT SCALE =	DRAWN - ACS	REVISED -
	PLOT DATE =	CHECKED - CJF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES
FOUNDATION DETAILS
SHEET NO. 45 OF 49 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3,4)R	EFFINGHAM	1098	287
		CONTRACT NO. 74299		
		ILLINOIS FED. AID PROJECT		