

- Grind anchor rod to bright finish at ground clamp location before installing clamp.

NOTES:

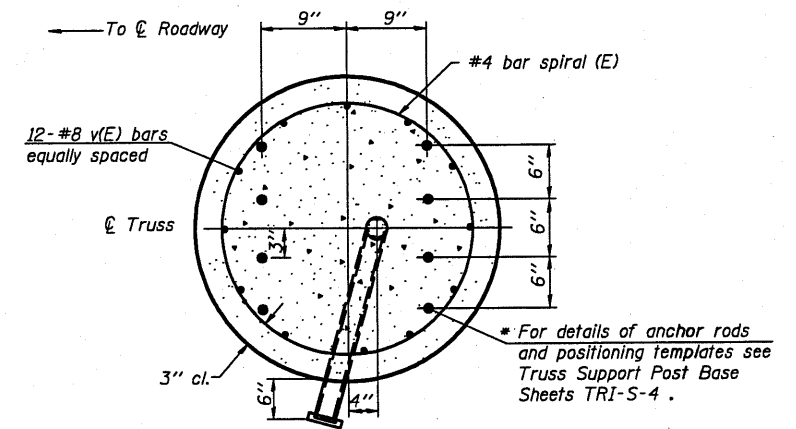
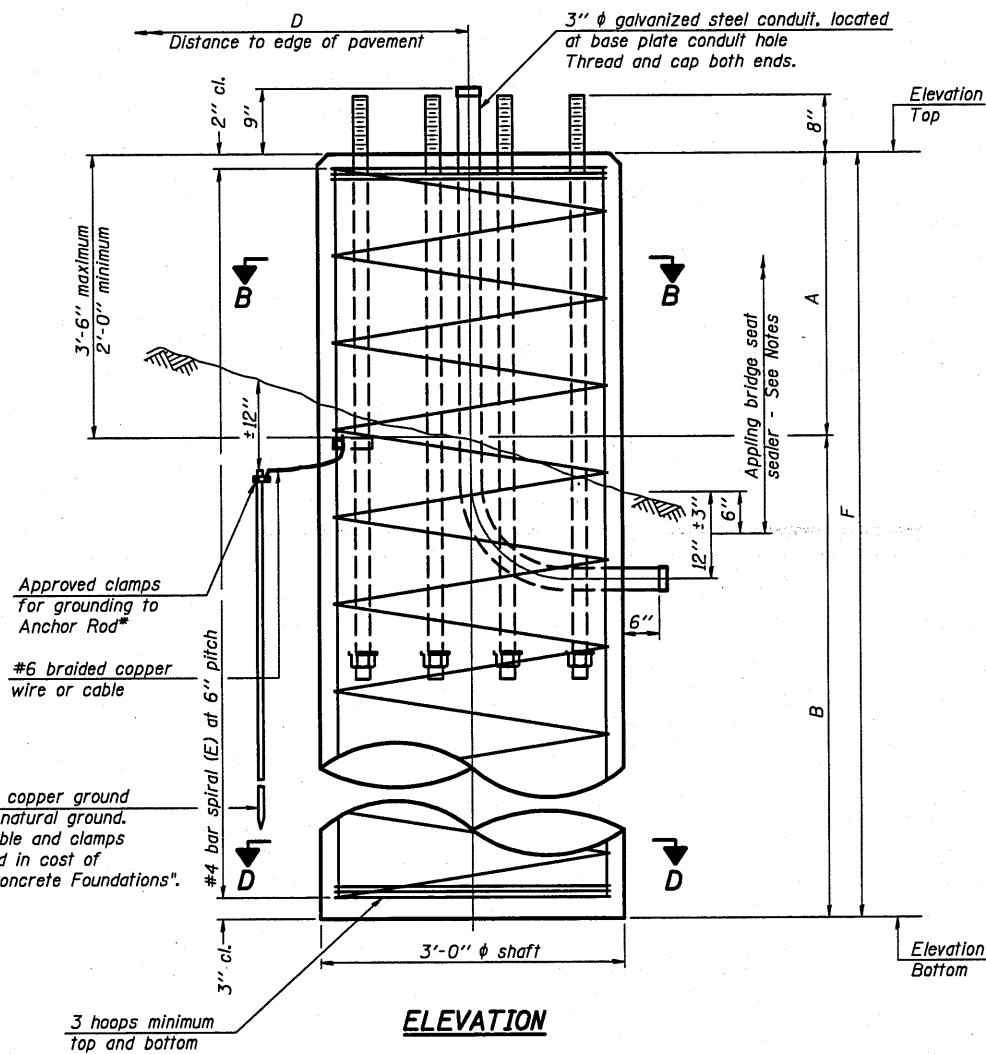
The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown in the Foundation Data Table will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

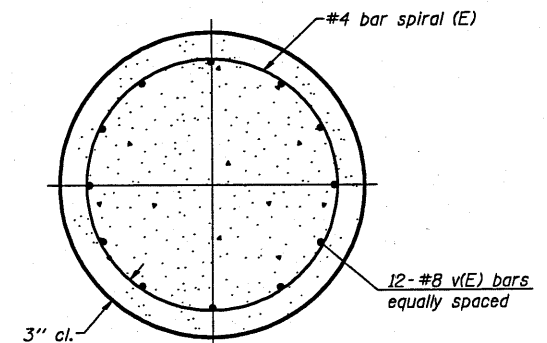
No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints. Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

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 Drilled Shaft Concrete Foundation.



SECTION B-B
3'-0" ϕ shaft



SECTION D-D
3'-0" ϕ shaft

NUMBER	REVISION	DATE

FOUNDATION DATA TABLE											
Structure Number	Station	Truss Type	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
			Elevation Top	Elev. Bottom	B	F	Elevation Top	Elev. Bottom	B	F	
5 S 010 1074 R185.40	39+46	TRI-I-S	737.00	720.50	13'-6"	16'-6"	735.00	718.50	13'-6"	16'-6"	9.0

FOUNDATION DESIGN TABLE		
Truss Type	Maximum Span Length (ft)	"B" Depth (ft)
TRI-I-S	80	13'-6"
TRI-II-S	100	14'-0"
TRI-III-S	120	14'-0"
TRI-IV-S	140	15'-0"

TRI-S-9

12-1-08

FILE NAME =	USER NAME = buckleej	DESIGNED -	REVISED -
ct:\pwork\pwork\buclleej\08212597\056135-shc-Detail.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 7/28/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRI-CHORD SIGN STRUCTURES
DRILLED SHAFT STEEL TRUSS & STEEL POST

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	Champaign	37	30
D-5 OVD SIN STR REPL 2011-12			CONTRACT NO. 46135	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.