BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape			
v4(E) 24		#9	F less 5"				
#4 bar spiral (E) - see Side Elevation							

NOTES:

3" ♦ PVC Conduit.

Thread and cap both ends.

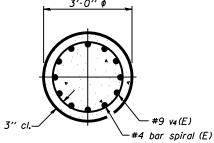
The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated,

"B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be

Permanent metal forms or other shielding may not be left in place below that elevation

Concrete shall be placed monolithically, without construction joints.

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.

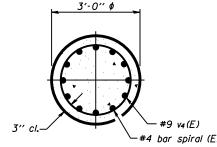


the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs. If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions

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.

without the Engineer's written permission.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection



SECTION A-A

DETAILS FOR 12" | SUPPORT FRAME TYPE III-A TRUSS

<u>PLAN</u>

9'-0"

9'-0" & to &

12 #9 v4(E) bars-

3 hoops minimum top and bottom

Exothermic Weld for grounding*

#6 solid coppe

wire or braided

3'-0" ø

1'-6"

copper cable

3₄ " \$\phi \ x \ 10'-0" copper weld ground rod driven into ground Cost of rod, cable, conduit, caps and weld shall be included in Drilled

Shaft Concrete Foundations.

One ground rod shall be installed in every concrete foundation.

12'-0"

SIDE ELEVATION

Structure Number	Station	Elevation Top	Left Foundation			Right Foundation				Class DS		
			Elevation Bottom	А	В	F	Elevation Top	Elevation Bottom	А	В	F	Concrete (Cu. Yds.)
4S090I074LI04.3	N/A	**	**	3'-0"	18'-0"	21'-0"	**	**	3'-0"	18'-0"	21'-0"	22.0

** Elevations for this structure shall be determined in the field

Elevation (Bottom)

END VIEW

For anchor rod size and placement,

see Support Frame Detail Sheet.

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

Elevation (Top)

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED - ERH 8-23-12		RELOCATED SIGN STRUCTURE CONCRETE FOUNDATION DETAIL	F.A.P. SECTION	COUNTY TOTAL SHEET
SFILELS		DRAWN -	REVISED	STATE OF ILLINOIS	RELOCATED SIGN STRUCTURE CONCRETE FOUNDATION DETAIL	74 90-[14R ₆ (14HB-4_14_14HVB)BR] 1	0.420.0
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	I–74 & WASHINGTON BLACKTOP	1 1 1 1 1 1 1 1 1	CONTRACT NO. 68620
	PLOT DATE = \$DATE\$	DATE -	REVISED		SCALE: NONE SHEET NO. 25 OF 50 SHEETS STA TO STA	ILLINOIS FED. AID P	