

BAR LIST - EACH FOUNDATION

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

NOTES:

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, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

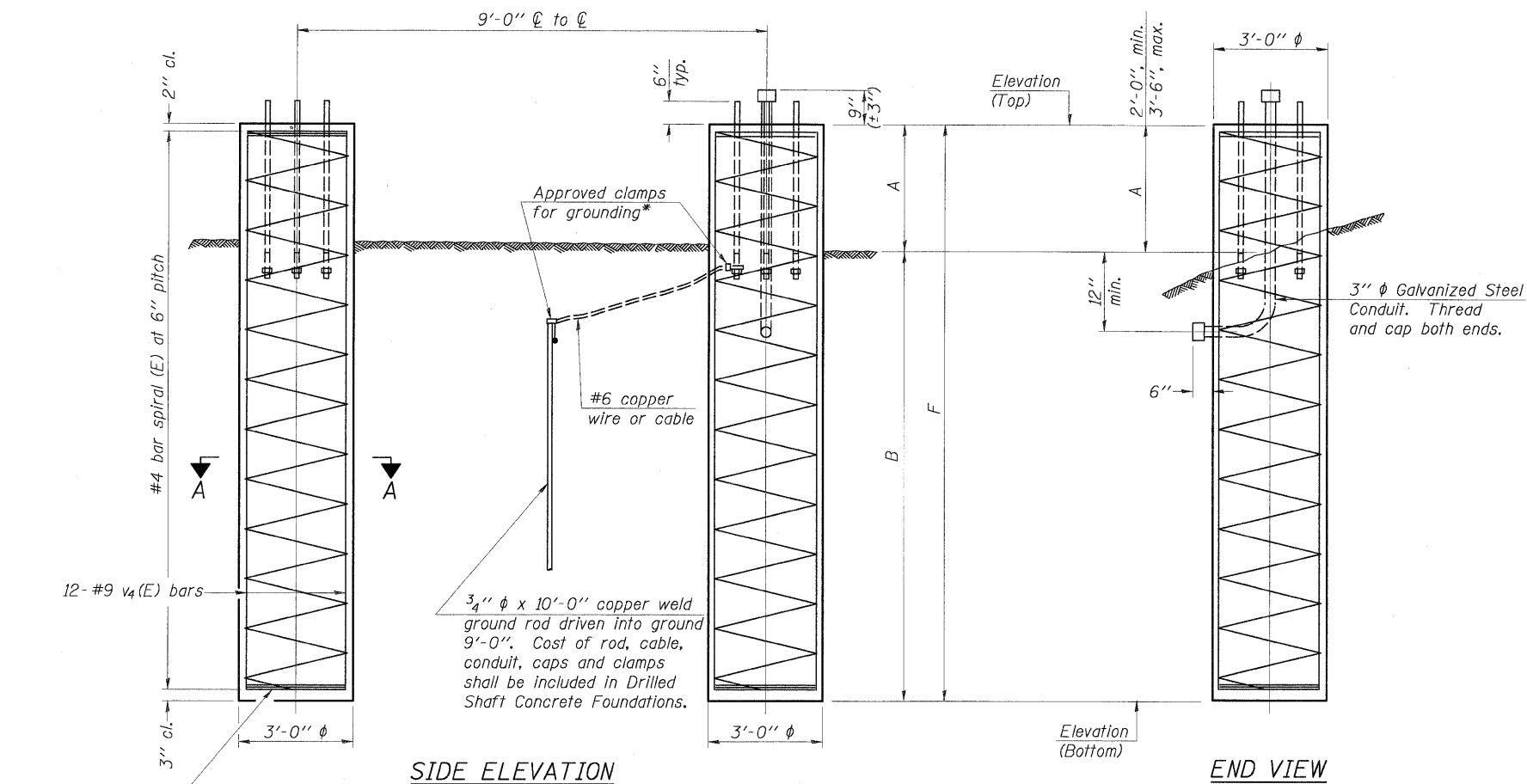
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District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

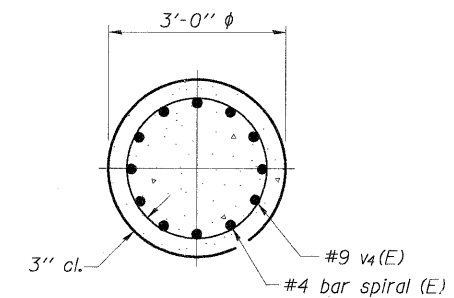
A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



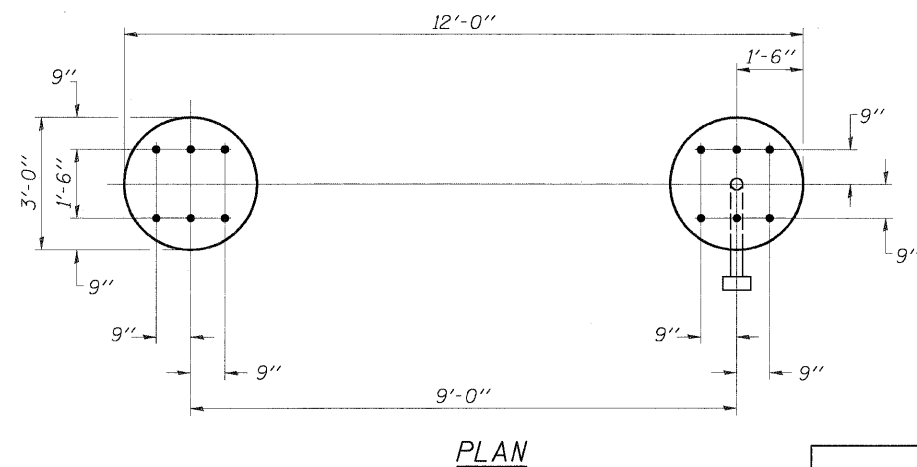
3 hoops minimum top and bottom

SIDE ELEVATION

END VIEW



SECTION A-A



PLAN

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.

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

Structure Number	Station	Left Foundation					Right Foundation					Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top	Elevation Bottom	A	B	F	
IS099I080R013.0	570+00 EB I80	647.51	626.51	3'-0"	18'-0"	21'-0"	647.75	626.75	3'-0"	18'-0"	21'-0"	22.0
IS099I080L020.9	1010+00 WB I80						727.64	706.64	3'-0"	18'-0"	21'-0"	11.0
IS099I080R022.2	1080+00 EB I80						692.47	671.47	3'-0"	18'-0"	21'-0"	11.0

NOTE: Left Foundation Is Median Foundation.

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 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = PRAZALAN
 DESIGNED - JMB
 DRAWN - PDR
 CHECKED - MM
 DATE - 12/23/2010
 PLOT SCALE = 1"
 PLOT DATE = 12/23/2010

REVIS -
 REVIS -
 REVIS -
 REVIS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 FOR NS RAILROAD TO US 45
 OVERHEAD SIGN STRUCTURES
 DRILLED SHAFT DETAILS**

F.A.I. RTE. 80 SECTION 99 (S&S-1) Y-1 COUNTY WILL TOTAL SHEETS 188 R. SHEET NO. 188 R. CONTRACT NO. 60M59 ILLINOIS FED. AID PROJECT