FAI Route 80 D-3 OVD SIN STR REPL 2010-37 Bureau & LaSalle Counties Sheet 13 of 19

DEPARTMENT OF TRANSPORTATION

3" • Galvanized Steel Conduit. Thread

and cap both ends.

3'-0" ø

Elevation (Top)

Elevation (Bottom)

* Anchor rod shall be ground or For anchor rod size and placement. see Support Frame Detail Sheet. filed to bright metal at clamp and cable connection location.

8'-3" & to &

12-#9 v4(E) bars-

Approved clamps for grounding

#6 copper

34" \$ x 10'-0" copper weld

ground rod driven into ground 9'-0". Cost of rod, cable, conduit, caps and clamps shall be included in Drilled Shaft Concrete Foundations.

wire or cable

3'-0" ¢



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

Contract Number 46102

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.

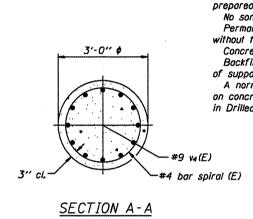
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District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

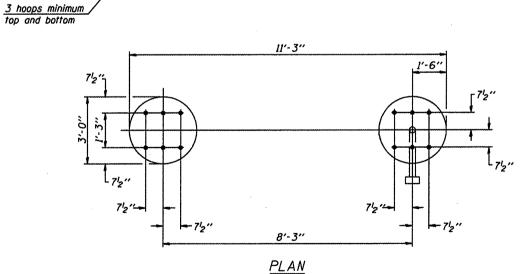
No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

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

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.





SIDE ELEVATION

Structure Number	Station	Elevation Top	Left Foundation			Right Foundation					Class SI	
			Elevation Bottom	А	В	F	Elevation Top	Elevation Bottom	А	В	F	Concrete (Cu. Yds.)
3S006I080R060.7	1357 + 22						702.44	678.94	3′ - 0"	20' - 6"	23' - 6"	12.30
3S006I080R062.5	1453 + 00						684.30	663.80	3' - 0"	17' - 6"	20' - 6"	10.70
								·	\			
												<u> </u>

for left foundation details see Sheet OS4 Median Support Foundation Details.

END VIEW

OVERHEAD SIGN STRUCTURES DRILLED SHAFT DETAILS

> District 3 Sign Structure Replacement

	***************************************	NUMBER	REVISI O N	DATE
DESIGNED -				
1	EXAMINED			Į.
CHECKED -				
	ENGINEER OF BRIDGE DESIGN PASSED			
DRAWN -	· ·			
	ENGINEER OF BRIDGES AND STRUCTURES			
CHECKED -				
	MANAGEMENT AND			
0S4-F3	5/16/08	·		

DETAILS FOR 10" & SUPPORT FRAME TYPE I-A or II-A TRUSS