8'-3" & to & 3'-0" ¢ 2'-0"; Elevation (Top) Approved clamps for grounding 3″ ¢ Galvanized Steel and cap both ends. #6 copper wire or cable 12-#9 v4(E) bars- $\frac{3}{4}$ " ϕ 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. Elevation (Bottom) 3'-0" ø 3'-0" ¢ SIDE ELEVATION END VIEW 3 hoops minimum

1'-6"

7/21/2

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.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape	
v4(E)	24	#9	F less 5"	CHRONICALINA	
#4 bo	ar spiral (L	E) - see .	Side Elevatio	חמ	

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.

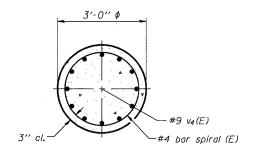
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District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



SECTION A-A

DETAILS FOR 10" \$\phi\$ SUPPORT FRAME TYPE I-A or II-A TRUSS

Structure Number	Station	Elevation Top	Left Foundation			Right Foundation				Class DS		
			Elevation Bottom	Α	В	F	Elevation Top	Elevation Bottom	Α	В	F	Concrete (Cu. Yds.
8S0601270R002.3	1217+50						448.40	415.00	2'-0"	31'-6"	33′-6"	17.5
		'										
												+
												+

0S4-F3

top and bottom

1-20-11

FILE NAME = ...\D876A91-010-sign-os4-f3.dgn
CB PROJECT NO. 08029

USER NAME = _CFC_	DESIGNED	-	МСВ	REVISED	-
	CHECKED	-	GJB	REVISED	-
PLOT SCALE = 0:1.0000000 ':' / IN.	DRAWN	-	CFC	REVISED	-
PLOT DATE = 3/14/2011	CHECKED	-	MCB	REVISED	-

11'-3''

8'-3"

PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS
SHEET NO. 10 OF 11 SHEETS

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-STRUCTURAL ENGINEERS-LAND SURVEYORSDesign Firm License No. 184-002703

LI. E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
70	60-1B-1	MADISON	712	376		
		CONTRAC	T NO.	76A91		
ILLINOIS FED. AID PROJECT						