

* I-57, & OLD IL 13 (FAU 9629)

* * (X1-6-2)VB-2,(X1-6)HBK-2



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 lsf, 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 Confinence and other interest man more inducted, make Confluctor similarity. 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.

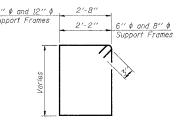
No sonatubes or decomposable forms shall be used below the lower conduit entrance.

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

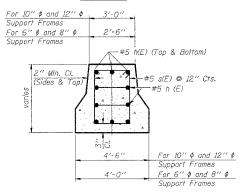
without the Engineer's written permission.

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

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape	
h(E) s(E)	10 Varies	#5 #5	M less 4" Varies		6" ø and 8" ø
v(E)	16	#9	F less 0'-5"		Support Frame
-VIL. /		#-3	1 1033 0 3		Support Frame
#4(E) bar spire	1/ _ see S	Side Elevation	L	

' Preformed Joint This Length of Barrier Transition will be paid for as Concrete Barrier, Double Face, typ. Transition to Standard
637001 Concrete Barrier,
Double Face, typ. For 6" ϕ and 8" ϕ Support Frames 1′-6″ For 10″ ¢ and 12″ ¢

#9 v(E) bars-

3 hoops minimum top and bottom

* Anchor rod shall be ground or filed to bright metal at clamp

and cable connection location.

-#5 h(E) **B**◀

Approved clamps

 $\frac{1}{3}4''$ ϕ x 8'-0'' copper weld ground rod driven into ground 7'-0''. Cost of rod, cable, conduit, caps and clamps shall be included in "Drilled

SIDE ELEVATION

with no construction joint.

 $B \blacktriangleleft$

© Sign Truss Foundation

3" ø Galvanized Steel Conduit for Sign

Lighting (Thread & Cap End)

1" Preformed Joint Filler, typ.

Top of Elevation

For 10" \$\phi\$ and 12" \$\phi\$ 3'-0
Support Frames

typ.

For 6" ϕ and 8" ϕ Support Frames

For 6" ¢ and 8" ¢
Support Frames

END VIEW

Structure Number	Station	Left Foundation			Right Foundation				Class SI	
		Elevation Top	Elevation Bottom	В	F	Elevation Top	Elevation Bottom	8	F	Concrete (Cu. Yds.)
9S100I057L52.8	1532+00	_		-	-	475.15	454.36	16.5	20.79	14.8
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3'-0" ø	For 10" and 12" ¢ Support Frames For 6" ¢ and 8 Support Frames		<u> </u>	Pipe Support Frames	co	М	· a	a/.
	<u> </u>			6''\$ 8''\$ 10''\$ 12''\$	7'-0'' 7'-6'' 8'-3'' 9'-0''	9'-6'' 10'-0'' 10'-9'' 12'-0''	0'-11'' 1'-1 ¹ 2'' 1'-3'' 1'-6''	5½ 63 7½ 9
	#9 v(E) #4(E) bar spiral	3" cl.	#9 \ #4(E) bo				<u> </u>	

SECTION A-A

ILLINOIS DEPARTMENT OF TRANSPORTATION OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT FOUNDATION DETAILS

> SCALE: VERT. NONE HORIZ. DATE

DRAWN BY CNH CHECKED BY

DATE NAME SCALE NAME **OS4-MED** 1-7-05

PLOT FILE PLOT USER