STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Elevation (Top)

Elevation (Bottom)

END VIEW

55 2002-022 K WILL 172

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	<i>1</i> 6	#9	D less 5"	
#4 bo	ar spiral (E) - see	"SIDE FLEV	'ATION"

Ξ.						
	Bar	Number	Size	Length	Shape	
	v4 (E)	16	#9	D less 5"		
	#4 bo	ar spiral (l	E) - see '	'SIDE ELEV	'ATION"	
		,				

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".

2'-6" ₱ -#4 bar spiral (E) SECTION A-A

3" ♦ Galvanized Steel

Conduit. Thread

and cap both ends.

8'-3"

SIDE ELEVATION

8'-3" & to &

Approved clamps for grounding*

#6 copper

³₄ " 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".

wire or cable

2'-6" Ø

*Anchor rod shall be ground or

filed to bright metal at clamp

and cable connection location.

For anchor rod size and placement,

see Support Frame Detail Sheet.

8-#9 v (E) bars

3 hoops minimum top and bottom

...\J08 336\SHT\STGN\336-THUSS.DGN 10/25/2004 10: 46: 01 AM

2'-6" \$

Structure Number	Station E		Left Foundation			Right Foundation				Class SI		
		Elevation Top	Elevation Bottom	Α	В	F	Elevation Top	Elevation Bottom	Α	В	Con	Concrete (Cu. Yds.)
1S099I055L268.0	511+61.2						721.204	702.204	2.5′	16.5′	19′	6.9
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SGN-16

OVERHEAD SIGN STRUCTURES DRILLED SHAFT DETAILS

ILLINOIS DEPARTMENT OF TRANSPORTATION I-55 (STEVENSON EXPY.) AT ILL. RTE. 53

OVERHEAD SIGN STRUCTURES

			NUMBER	RÉVISION	DAT
DESIGNED SL		. 20		,	
CHECKED AS		EXAMINED			
DRAWN MD		ENGINEER OF STRUCTURAL SERVICES PASSED			
Ditiration		ENGINEER OF BRIDGES AND STRUCTURES			
CHECKED SL					
S4-F3	11/1/2002		<u> </u>		<u>L.</u>

PLAN

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