



BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
†(E)	14	#5	*	
u(E)	18	#4	15′-3′′	
v(E)	30	#5	4'-1''	L
v1(E)	30	#5	*	
w(E)	39	#5	7'-9''	

*Length of t(E) bar = (Dim. M) - 6" $v_1(E) \ bar = (Dim. \ N) - 3''$

8'-0" **END ELEVATION**

2'-9"

1/2" cl. — v(E) or v ₁ (E)	5-#5 t(E) at ±2'-0" cts. (Top) 9-#5 t(E) at ±12" cts. (Battom) 8'-0"
16-#5 w(E) at ±1'-6" cts. (Top) 23-#5 w(E) at ±12" cts. (Bottom)	
М	

SECTION A-A

11'-6''

Μ

SIDE ELEVATION

M/2 - (5'-9'')

Ctwootowa		Left Foundation				Right Foundation				Class SI
Structure Number	Station	Elevation Top	Elevation Bottom	N	М	Elevation Top	Elevation Bottom	N	М	Concrete (Cu. Yds.)
1S049I094L000.8	4081+75	730.25	720.83	7′-8"	33'-0"	732.70	723.28	7′-8"	33'-0"	51

 $^{5}8'' \phi \times 10' - 0'' copper weld$

9'-0". Cost of rod, cable,

shall be included in Concrete

conduit, caps and clamps

Foundations,

ground rod driven into ground

Elevation

(Bottom)

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.0 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.

During construction, if footing length or width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

BOWMAN, BARRETT & ASSOCIATES INC. CONSULTING ENGINEERS Chicago, Illinois 312.228.0100 DETAILS FOR 12" \$ SUPPORT FRAME

<i>0S-F4</i>	1-20-11		www.	bbar	ndainc.com			
FILE NAME = \$FILES\$	USER NAME = defa	ult	DESIGNED	-	TF	REVISED	Γ	
			CHECKED	-	RGR	REVISED	l	
	PLOT SCALE = H:1"=1	0' V:1"=5'	DRAWN	-	TF	REVISED	l	
	PLOT DATE = 6/20.	/2012	CHECKED	-	RGR	REVISED	ı	

STATE OF ILLINOIS						
DEPARTMENT OF TRANSPORTATION						

						5-2
OVERHEAD SIGN STRUCTURES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS		7 10
SPREAD FOOTING DETAILS	94	49-1-R-1	LAKE	677	302	016
STREAD TOUTING DETAILS			CONTRACT	NO. 6	OL 77	E.S.
SHEET NO. 12 OF 12 SHEETS		ILLINOIS FED. A	D PROJECT			4