



- GENERAL NOTES**
1. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING. THE SAWING OF CONTRACTION JOINTS IN THE CONCRETE BARRIER WALL SHALL NOT BE PERMITTED.
  2. GUTTER PROFILE IN THE VICINITY OF SAG VERTICAL CURVES, ALONG FLAT GRADES AND AT THE MEETING OF PROPOSED AND EXISTING GUTTER, SHALL BE CAREFULLY CONTROLLED AND FIELD ADJUSTED IF NECESSARY TO ENSURE POSITIVE DRAINAGE AND AVOID PONDING.
  3. IN AREAS OF RELATIVELY FLAT LONGITUDINAL PROFILE GRADES, THE 3" VERTICAL DIMENSION AT THE BOTTOM OF THE BARRIER CAN VARY FROM 2" TO 3 1/4" TO CREATE AN ACCEPTABLE LONGITUDINAL GRADE IN THE GUTTER.
  4. TIE BARS ARE INCIDENTAL TO THE VARIOUS BARRIER & GUTTER ITEMS.
  5. REINFORCEMENT BARS SHALL BE EPOXY COATED.

**BAR LAPS**  
 \*4 - 1'-8"

SEE NOTE BELOW

**VARIABLE HEIGHT MEDIAN BARRIER LIGHT POLE FOUNDATION SCHEDULE**

STATION	LIGHT POLE FOUNDATION TYPE	DIFFERENTIAL HEIGHT "A" FEET	BARRIER TYPE	DIMENSIONS		
				"B" FEET-INCHES	"C" NO.	"D" FEET-INCHES
98+90.00	STRADDLED CAISSON	0.12	A	5'-8"	7	1'-11"
100+73.00	STRADDLED CAISSON	0.10	A	5'-8"	7	1'-11"
102+53.00	CENTERED CAISSON	0.08	A	7'-1"	7	1'-11"
104+28.00	CENTERED CAISSON	0.05	A	7'-0"	7	1'-10"
106+03.00	CENTERED CAISSON	0.05	A	7'-0"	7	1'-10"
108+01.00	STRADDLED CAISSON	0.09	A	5'-8"	7	1'-11"
109+91.00	STRADDLED CAISSON	0.18	A	5'-9"	7	2'-0"
111+80.00	CENTERED CAISSON	0.27	B	6'-3"	8	2'-4"
113+70.00	STRADDLED CAISSON	0.56	B	6'-1"	8	2'-4"
115+60.00	STRADDLED CAISSON	1.11	C	6'-8"	8	2'-11"
117+50.00	STRADDLED CAISSON	1.27	C	6'-10"	9	3'-1"
119+40.00	STRADDLED CAISSON	1.10	C	6'-8"	8	2'-11"
121+30.00	STRADDLED CAISSON	0.91	C	6'-6"	8	2'-9"
123+20.00	STRADDLED CAISSON	0.88	C	6'-5"	8	2'-8"
125+10.00	CENTERED CAISSON	0.98	C	8'-0"	8	2'-10"
127+00.00	CENTERED CAISSON	1.18	C	8'-2"	8	3'-0"
128+90.00	STRADDLED CAISSON	1.20	C	6'-9"	8	3'-0"
130+80.00	STRADDLED CAISSON	1.47	C	7'-0"	9	3'-3"
132+70.00	STRADDLED CAISSON	1.10	C	6'-8"	8	2'-11"
134+55.00	STRADDLED CAISSON	0.51	B	6'-1"	8	2'-4"
136+41.00	STRADDLED CAISSON	0.34	B	6'-2"	8	2'-5"

**CENTERED CAISSON**

REINFORCING BAR SCHEDULE FOUNDATION					
BAR	NO.	SIZE	LENGTH	WT. LBS.	SHAPE
d1(E)	14 TO 20	*4	5'-0"	47 TO 67	—
b1(E)	6	*4	4'-2"	17	—
b1(E)	2	*4	5'-2"	7	—
d1(E)	6	*4	VARIES 7'-4" TO 9'-7"	29 TO 38	—
d2(E)	6	*4	VARIES 7'-4" TO 9'-7"	29 TO 38	—
sp1	*	*4	*	*	—
v1(E)	8	*6	11'-9"	142	—

\* SEE SECT. A-A SHEET EL-10

**STRADDLED CAISSON**

REINFORCING BAR SCHEDULE FOUNDATION					
BAR	NO.	SIZE	LENGTH	WT. LBS.	SHAPE
d1(E)	10	*7	9'-0"	184	—
d1(E)	14 TO 20	*4	5'-0"	47 TO 67	—
b1(E)	6	*4	4'-2"	17	—
b1(E)	2	*4	5'-2"	7	—
d1(E)	6	*4	VARIES 7'-4" TO 9'-7"	29 TO 38	—
d2(E)	6	*4	VARIES 7'-4" TO 9'-7"	29 TO 38	—
s1(E)	10	*4	6'-2"	42	—
sp1	*	*4	*	*	—
v1(E)	16	*6	9'-9"	235	—

\* SEE SECT. A-A SHEET EL-11

"A" VARIES 0" TO 28"  
 STRADDLED CAISSON: "B" = "A" + (5'-7")  
 CENTERED CAISSON: "B" = "A" + (7'-0")  
 "C" = 7 PER SIDE @ "A" = 0'; 10 @ "A" = 28"  
 "D" = "A" + (1'-10")

**LIGHT POLE FOUNDATIONS (SHEET 3 OF 3)**

<b>DRAWN BY</b> DLC	<b>DATE</b> 5/22/08	<b>STS   AECOM</b>	303 East Wacker Drive, Suite 600 Chicago, Illinois 60601 PH: (312) 628-3896 FAX: (312) 628-3892 IL Design Firm Reg. No. 184-001518 www.stsconsultants.com		2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	<b>REVISIONS</b>		<b>CONTRACT NO.</b> I-08-5544	<b>DRAWING NO.</b> 140 OF 186
<b>CHECKED BY</b> RDC	<b>DATE</b> 5/22/08					NO.	DATE		

**NOTE:**  
 STRADDLED FOUNDATION AT STA. 109+91.00 (RECORD PLANS) = STA. 145+96.44 (THIS CONTRACT NO. 64C29)

**FOR INFORMATION ONLY**