

* Change in offset.
Compared with Rev. A1

NEW STREET LIGHTING POLE AND CIRCUIT TABLE

POLE NO.	WATTAGE	STREET	STATION AND OFFSET	SERVICE METER EX. ADDRESS NO. OR PLAN ID	NOTES
1	250	3rd St	63+71 35' LT		
2	250	Imperial	307+09 27' LT		
3	250	3rd St	65+51 32.5' LT		
4	250	3rd St	67+00 32.5' LT		
5	250	3rd St	70+13 32.5' LT		
6	250	3rd St	71+73 32.5' LT		
7	250	3rd St	73+34 32.5' LT		
8	250	California	28' LT		
9	250	3rd St	74+98 32.5' LT		
10	250	3rd St	76+74 32.5' LT		
11	250	3rd St	62+86 32.5' RT		
12	250	3rd St	64+76 32.5' RT		
13	250	3rd St	66+27 32.5' RT		
14	250	3rd St	67+75 32.5' RT		
15	250	3rd St	70+80 32.5' RT		
16	250	3rd St	72+50 32.5' RT		
17	250	3rd St	74+25 32.5' RT		
18	250	3rd St	75+86 32.5' RT		
19	250	3rd St	77+74 32.5' RT		
20	250	Casino Center	85+74 32.5' LT		
21	250	Casino Center	87+18 32.5' LT		
22	250	Casino Center	86+62 32.5' RT		
23	250	Casino Center	88+05 32.5' RT		
24	250	Casino Center	90+26 32.5' LT		
25	250	Casino Center	91+46 32.5' LT		
26	250	Casino Center	92+72 32.5' LT		
27	250	Casino Center	95+31 32.5' LT		
28	250	Casino Center	96+90 32.5' LT		
29	250	Casino Center	93+10 32.5' RT		
30	250	Casino Center	96+14 32.5' RT		
31	250	Casino Center	97+68 32.5' RT		
32	250	Casino Center	100+96 32.5' RT		
33	250	Casino Center	102+51 32.5' RT		
34	250	Casino Center	100+13 32.5' LT		
35	250	Casino Center	101+74 32.5' LT		
36	250	Casino Center	104+79 32.5' LT		
37	250	Casino Center	106+93 32.5' LT		
38	250	Casino Center	115+17 32.5' LT		
39	250	Casino Center	116+60 32.5' LT		
40	250	Casino Center	115+70 40' RT		
41	250	Casino Center	116+92 34' RT		
42	250	Casino Center	119+43 32.5' LT		
43	250	Casino Center	120+78 32.5' LT		
44	250	Casino Center	120+17 31' RT		
45	250	Casino Center	121+67 29' RT		
46	250	Casino Center	125+39 28' RT		
47	250	Casino Center	131+15 33' LT		
48	250	Casino Center	131+39 33' RT		
49	250	3rd Street	61+90 15' RT		
50	250	Casino Center	105+88 32.5' LT		
51	250	Casino Center	124+38 33' LT		

NOTE A: SEE SHEETS SL-17 TO SL-19 FOR SERVICE PEDESTAL CAPACITY CALCULATIONS

PROPOSED TRAFFIC SIGNAL, BRT, AND STREET LIGHT PEDESTAL EQUIPMENT

SERVICE TYPE	USE***	PROPOSED STREET LOCATION	NEW PEDESTAL PLAN ID	EXISTING (E) OR NEW (N)**	EXISTING SERVICE ADDRESS #	MAIN BREAKER (AMP)	60A, 240V, 2P CKT BKR (ST LIGHTING)	60A, 240V, 2P CONTACTOR(S) (ST LIGHTING)	BY-PASS SWITCH (CONTACTOR)	15A, 120V, 1P CKT BKR (PE CONTROL)	60A, 120V, 10 CKT BKR (TRAFFIC SIGNAL)	40A, 120V, 1P CKT BKR (INT LIGHTING)	REMARKS
PEDESTAL	BRT	ST. LOUIS AVE. (SOUTH SIDE)	A	N		200							SEE NOTE 1
PEDESTAL	BRT	MAIN ST. (EAST SIDE)	B	N		200							SEE NOTE 1
PEDESTAL	TS/SL	IMPERIAL ST. (SOUTH SIDE)	C	N*	130	200	2	2	2	1	1	1	
PEDESTAL	SL/LS	S. FOURTH ST. (WEST SIDE, 1200 BK)		E	1298	E							SEE NOTE 3
PEDESTAL	BRT	PARADISE RD. (EAST SIDE)	D	N		200							SEE NOTE 1
PEDESTAL	BRT	PARADISE RD. (EAST SIDE)	E	N		200							SEE NOTE 1
PEDESTAL	TS/SL	COLORADO AVE. (NORTH SIDE)	F	N*	220	200	2	2	2	1	1	1	
PEDESTAL	TS	GARCES AVE. (SOUTH SIDE)	G	N		200	2	2	2	1	1	1	
PEDESTAL	TS/SL	THIRD ST. (EAST SIDE)	H	N		200							SEE /THIRD / CASINO REALIGNMENT DESIGN PLANS
PEDESTAL	TS/SL	COOLIDGE AVE. (SOUTH SIDE)	I	N		200							SEE /THIRD / CASINO REALIGNMENT DESIGN PLANS
PEDESTAL	BRT	COOLIDGE AVE. (SOUTH SIDE)	J	N		200							SEE NOTE 1
PEDESTAL	SL/LS	COOLIDGE AVE. (SOUTH SIDE)	K	N		200							SEE /THIRD / CASINO REALIGNMENT DESIGN PLANS
PEDESTAL	BRT	COOLIDGE AVE. (NORTH SIDE)	L	N		200							
PEDESTAL	TS	HOOVER AVE. (NORTH SIDE)	M	N		200	2	2	2	1	1	1	
PEDESTAL	SL	GASS AVE. (SOUTH SIDE)	N	N*	109	200	2	2	2	1	1	1	
PEDESTAL	TS/SL	GASS AVE. (SOUTH SIDE)	O	N*	204	200	2	2	2	1	1	1	
PEDESTAL	BRT	GARCES AVE. (SOUTH SIDE)	P	N		200							SEE NOTE 1
PEDESTAL	BRT	GARCES AVE. (SOUTH SIDE)	Q	N		200							SEE NOTE 1
PEDESTAL	SL/LS	GARCES AVE. (SOUTH SIDE)		E	125	E						1	
PEDESTAL	TS/SL	BONNEVILLE AVE. (SOUTH SIDE)	R	N*	111	200	2	2	2	1	1		SEE NOTE 3
PEDESTAL	TS/SL	CLARK AVE. (NORTH SIDE)		E	18	E							
PEDESTAL	SL/LS	CLARK AVE. (NORTH SIDE)		E	206	E							SEE NOTE 3
PEDESTAL	TS/SL	LEWIS AVE. (NORTH SIDE)		E	201	E							
PEDESTAL	TS/SL	BRIDGER AVE. (SOUTH SIDE)		E	125	E							
PEDESTAL	BRT	CARSON AVE. (NORTH SIDE)	S	N		200							SEE NOTE 1
PEDESTAL	TS/SL	CARSON AVE. (NORTH SIDE)	W	N*	15	200							SEE NOTE 2
PEDESTAL	BRT	OGDEN AVE. (SOUTH SIDE)	T	N		200							SEE NOTE 1
PEDESTAL	TS/SL	E. OGDEN AVE. (NORTH SIDE, 100 BK)		E	111 1/2	E							
PEDESTAL	SL/LS	BONNEVILLE AVE. (SOUTH SIDE)	U	N*	212	200	2	2	2	1			SEE NOTE 3
PEDESTAL	SL/LS	BRIDGER AVE. (SOUTH SIDE)	V	N*	223	200	2	2	2	1			SEE NOTE 3

* EXISTING POLE MOUNTED STREET LIGHTING AND/OR TRAFFIC SIGNAL SERVICE METER TO BE REPLACED BY NEW SERVICE PEDESTAL

** CONTRACTOR SHALL FURNISH AND INSTALL 200 AMP 120/240 VAC SERVICE PEDESTAL ONTO CONCRETE FOUNDATION PER CCAUSD No. 404.214. PROVIDE THE PEDESTAL WITH EQUIPMENT AS SHOWN IN SERVICE PEDESTAL TABLE ON THIS SHEET. PROVIDE 1-#2 AWG 7 STRAND BARE COPPER GROUNDING CONDUCTOR TO EARTH. CONTACT NEVADA POWER FOR SERVICE CONNECTION. CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR SERVICE CONNECTION PER NEVADA POWER SPECIFICATIONS, INCLUDING CONDUIT RISER AND CONDUCTORS UP TO TRANSFORMER. PROVIDE ADDITIONAL 2" CONDUIT STUB FROM FOUNDATION FOR FUTURE USE. INDICATE LOCATION OF CONDUIT STUB ON AS BUILT DRAWINGS. FOR THE SERVICE CONNECTION BETWEEN THE TRANSFORMER AND THE SERVICE PEDESTAL, THE CONDUCTORS SHALL BE AS SHOWN ON PLANS.

*** BRT=BUST RAPID TRANSIT TS=TRAFFIC SIGNAL, SL=STREET LIGHT, LS=LANDSCAPE

NOTES:

1. SEE TATE SNYDER KIMSEY ARCHITECTS BRT PLATFORM ELECTRICAL DESIGN PLANS FOR BRT STATION ELECTRICAL SERVICE PEDESTAL BREAKER AND CABLING REQUIREMENTS.

2. SERVICE PEDESTAL SHALL CONTAIN THE FOLLOWING CIRCUIT BREAKERS:
1-15A, 120V, 1P CKT BKR (NORTH BOUND FLASHER)
1-30A, 120V, 1P CKT BKR (TRAFFIC SIGNAL CARSON AND 3RD)
1-30A, 120V, 1P CKT BKR (INTERSECTION LIGHTING CARSON AND 3RD)
1-30A, 120V, 1P CKT BKR (TRAFFIC SIGNAL CARSON AND CASINO CENTER)
1-30A, 120V, 1P CKT BKR (INTERSECTION LIGHTING CARSON AND CASINO CENTER)
1-60A, 240V, 2P CKT BKR (STREET LIGHTS - CASINO CENTER)

3. SEE POGGEMEYER LANDSCAPE IRRIGATION PLANS AND SPECIFICATIONS FOR IRRIGATION CONTROLLER AND LANDSCAPE LIGHTING LOCATIONS AND ELECTRICAL REQUIREMENTS. FOR LANDSCAPE ELECTRICAL, FURNISH AND INSTALL IN SERVICE PEDESTAL 1-15A, 120V, 1P CKT BKR (IRRIGATION CONTROLLER), 1-20A, 240V, 2P, CKT BKR (LANDSCAPE LIGHTING) AND 1-20A LIGHTING CONTACTOR.

4. SEE POGGEMEYER LANDSCAPE IRRIGATION PLANS AND SPECIFICATIONS FOR IRRIGATION CONTROLLER AND LANDSCAPE LIGHTING LOCATIONS AND ELECTRICAL REQUIREMENTS. FOR LANDSCAPE ELECTRICAL, FURNISH AND INSTALL IN SERVICE PEDESTAL 2-15A, 120V, 1P CKT BKR (IRRIGATION CONTROLLERS), 1-20A, 240V, 2P, CKT BKR (LANDSCAPE LIGHTING) AND 1-20A LIGHTING CONTACTOR.

FINAL SUBMITTAL

DATE	REVISIONS	REPLACE ENTIRE SHEET	REVISE STREETLIGHT OFFSETS
04/02/08			

SCALE (H):	SCALE (V):	DATE: JANUARY, 2008	CHECKED BY: RMC/KAA	DESIGNED BY: RWF	DRAWN BY:



DEPARTMENT OF PUBLIC WORKS
CASINO CENTER
BUS RAPID TRANSIT

STREET LIGHTING
DETAIL SHEET

SHEET NO. SL-16	OF 8
DRAWING NO. 107V4882	

