

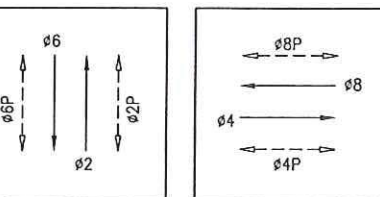
New signals activated
at 10:56A, 5-7-2013.
GH

POLE AND EQUIPMENT SCHEDULE								CONTRACT WORK IN BOLD			
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	1-A (10')		21	3S12"	TV-1-T	T		28	1S-COUNT	SP-1	NON-ACTUATED APS ②
②	1-A (10')		42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	NON-ACTUATED APS ②
③	CITY STANDARD STREET LIGHT	120V/150W	41	3S12"	SV-1-T	T		48	1S-COUNT	SP-1	NON-ACTUATED APS ②⑤
④	1-A (7')							29	1S-COUNT	TP-1	NON-ACTUATED APS ②
⑤	EX MARBELITE SL W/ DUAL LUMINAIRE ARMS		63	3S12"	SV-1-T	T					
⑥	1-A (10')		61	3S12"	TV-1-T	T		68	1S-COUNT	SP-1	NON-ACTUATED APS ②
⑦	City Standard 1-A (10') Street Light		82	3S12"	SV-1-T TV-1-T	T		49	1S-COUNT	SP-1	NON-ACTUATED APS ②
⑧	1-A (10')		81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	NON-ACTUATED APS ②
⑨	1-A (7')							69	1S-COUNT	TP-1	NON-ACTUATED APS ②
⑩	EX MARBELITE SL W/ DUAL LUMINAIRE ARMS		23	3S12"	SV-1-T	T					

SHEET NOTES:

- CONTRACTOR TO REMOVE AND SALVAGE EXISTING INTERSECTION CONTROLLER CABINET AND REMOVE AS CONTRACTOR'S PROPERTY EXISTING CONTROLLER FOUNDATION. RESTORE SIDEWALK TO MATCH EXISTING CONDITIONS.
- CITY FORCES TO INSTALL CITY FURNISHED APS BUTTONS ON POLES AS SHOWN ON INTERSECTION DRAWING AND AS INDICATED IN POLE & EQUIPMENT SCHEDULE. CONTRACTOR TO INSTALL APS WIRING AS INDICATED IN CONDUIT AND WIRING SCHEDULE.
- CONTRACTOR TO INSTALL CITY FURNISHED INTERSECTION SIGNAL CONTROLLER CABINET
- EXTEND EXISTING 12C TO NEW CONTROLLER. SPLICE NEW 12C TO EXISTING 12C TO MAINTAIN INTERCONNECT SYSTEM.
- SPLICE NEW STREET LIGHT WIRING TO LINE SIDE OF SERVICE WIRING. ~~CONTRACTOR TO VERIFY EXISTING VOLTAGE.~~
- AFTER ACTIVATION OF NEW TS WIRING, CUT CONDUIT(S) FOR OLD TS WIRING FLUSH TO PULL BOX WALL (EXCEPT AS NOTED) AND CAP END(S). MAINTAIN ANY EXISTING 12C WIRING AND CONDUITS.
- IC SERVICE POINT WILL BE A PG&E WOOD UTILITY LOCATED AT THE NORTHEAST CORNER OF LAWTON/36TH AVENUE, APPROXIMATELY 130' EAST FROM THE NORTHEAST CORNER OF THE LAWTON/SUNSET PROPERTY LINE. F/I TYPE PULL BOX NEXT TO THIS PG&E SERVICE POINT WOOD POLE. COORDINATE WITH PG&E FOR FINAL POWER SERVICE CONNECTION.
- CONTRACTOR TO EXERCISE CAUTION TO AVOID DAMAGE TO EXISTING WATER DEPARTMENT EQUIPMENT.
- REMOVE EXISTING CURB RAMP AND RESTORE CURB AND SIDEWALK TO MATCH EXISTING.
- REMOVE PORTION OF EXISTING 12C EXTENDING TO OLD SIGNAL CONTROLLER LOCATION WHILE MAINTAINING EXISTING INTERCONNECT SYSTEM.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	SUNSET BLVD (NB & SB) - Ø2 & Ø6
R		G	LAWTON ST (EB & WB) - Ø4 & Ø8
WM	FRH	RH	PED XING LAWTON ST (ES & WS) - Ø2P & Ø6P
RH		WM	PED XING SUNSET BLVD (SS & NS) - Ø4P & Ø8P

NO.	DATE	DESCRIPTION	BY	APP.



INFRASTRUCTURE DIVISION
DEPARTMENT OF PUBLIC WORKS



DESIGNED:	DATE:	APPROVED:	DATE:
GD	02/3/12	Wade	AUG 15 2012
DRAWN:	DATE:	SECTION MANAGER:	DATE:
GD	02/3/12	MLC	8/16/12
DESIGNED:	DATE:	DEPUTY DIVISION MANAGER:	DATE:

SCALE:	AS SHOWN
SHEET OF SHEETS	

SUNSET BOULEVARD
PEDESTRIAN COUNTDOWN SIGNALS PROJECT
LAWTON STREET AND SUNSET BOULEVARD

CONTRACT NO.	1984J
DRAWING NO.	E-1.0
FILE NO.	04 670

Xrefs: T:\T_E_FILES\Special Projects & Street Use\Design\Signal\1984J_E-1.0\1984J_E-1.0.dwg, Logon: mnu
V:\1984J_Sunset_Bld_Ped_Countdown_Signal\2_Design\Working\1984J_E-1.0\1984J_E-1.0.dwg, Logon: mnu
V:\1984J_Sunset_Bld_Ped_Countdown_Signal\2_Design\Working\1984J_E-1.0\1984J_E-1.0.dwg, Logon: mnu
Model Units: Undefined

CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)

CONDUIT SIZE (INCH)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
NOTES			EX				SP	EX		SP		SP	EX				EX	EX(SF)					SR	1		SP	
VEHICLE SIGNAL 61	3		3			3			3		3																
PED SIGNAL 68	2		2			2			2		2																
VEHICLE SIGNAL 82		3	3			3			3		3																
PED SIGNAL 49		2	2			2			2		2																
VEHICLE SIGNAL 81				3		3			3		3																
PED SIGNAL 88				2		2			2		2																
PED SIGNAL 69					2	2			2		2																
VEHICLE SIGNAL 23								3	3		3																
VEHICLE SIGNAL 63												3	3								3						
PED SIGNAL 29														2			2				2						
VEHICLE SIGNAL 41																3	3				3						
PED SIGNAL 48															2	2					2						
VEHICLE SIGNAL 21																			3		3						
PED SIGNAL 28																			2		2						
VEHICLE SIGNAL 42																				3	3						
PED SIGNAL 89																				2	2						
#14 NEUTRAL	2	2		2	1			1				1		1	2				2	2							
#14 SPARE			3			3			3		3			3			3				3						
TOTAL #14 WIRES	7	7	13	7	3	20		4	23		23		4	6	3	7	13		7	7	23						
#10 WIRES NEUTRAL			1			2			3		3			1			2				3						
#10 WIRES STREET LIGHT		2															2										
#8 WIRES STREET LIGHT			2			2			2				2				2					2					
#8 WIRES (120 V SERVICE)																				2						2	
#6 BSCW (SEE SHEET NOTE 1)																											
INTERCONNECT 12C CABLE																						2	2				
INSTALL CITY FURNISHED 4 WIRE BELDEN 8489 (OR EQUIVALENT) FOR LOCATIONS BELOW:																											
APS PPB ON POLE 1 (PULL TO P.S. 89 ON POLE 2)																			1	1							
APS PPB ON POLE 2 (PULL TO P.S. 28 ON POLE 1)																			1	1							
APS PPB ON POLE 3 (PULL TO P.S. 29 ON POLE 4)														1	1												
APS PPB ON POLE 4 (PULL TO P.S. 48 ON POLE 3)														1	1												
APS PPB ON POLE 6 (PULL TO P.S. 49 ON POLE 7)	1	1																									
APS PPB ON POLE 7 (PULL TO P.S. 68 ON POLE 6)	1	1																									
APS PPB ON POLE 8 (PULL TO P.S. 69 ON POLE 9)				1	1																						
APS PPB ON POLE 9 (PULL TO P.S. 88 ON POLE 8)				1	1																						

SHEET NOTES:

- 1 F/I 4-2" POLYETHYLENE SCHEDULE 80 CONDUIT WITH 3/8" PULL TAPE. IN ONE OF THE EMPTY CONDUITS, INSTALL TWO #8 AWG STRANDED COPPER LOCATING WIRES (ONE WITH BLACK INSULATION AND THE OTHER WITH WHITE INSULATION). SEE SECTION 34 41 13 IN CONTRACT SPECIFICATIONS.



REFERENCE INFORMATION
& FILE NO. OF SURVEYS



INFRASTRUCTURE DIVISION
DEPARTMENT OF PUBLIC WORKS



DESIGNED: DATE: 02/3/12
GD
DRAWN: DATE: 02/3/12
GD

APPROVED: DATE: AUG 15 2012
SECTION MANAGER
DEPUTY DIVISION MANAGER DATE:

SCALE: NONE
SHEET OF SHEETS

**SUNSET BOULEVARD
PEDESTRIAN COUNTDOWN SIGNALS PROJECT**
LAWTON STREET AND SUNSET BOULEVARD

CONTRACT NO. 1984J
DRAWING NO. E-1.1
FILE NO.

Xref: T:\E-FILES\Special Projects & Street Use\Design Studs\CADD Standards\BOE Title Block.dwg
V:\1984L_Sunset_Bldg_Ped_Countdown_Signal\2_Design\Working_Drawings\EEL\95_Submittal\Sunset Stripping.dwg
V:\1984L_Sunset_Bldg_Ped_Countdown_Signal\2_Design\Working_Drawings\EEL\95_Submittal\BOE9_TB0.dwg
Model Units: Undefined
LogIn: mwu