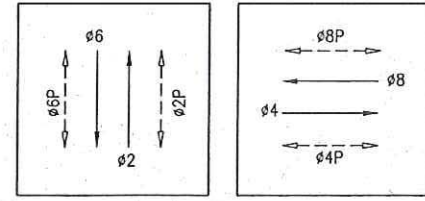


New signals activated
at 10:15A, 4-16-2013.
GH

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 ② ⑤		
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	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	NON-ACTUATED APS ②		
⑧	CITY STANDARD STREET LIGHT	120V/150W	81	3S12"	SV-1-T	T		88	1S-COUNT	SP-1	NON-ACTUATED APS ② ⑤		
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:**
- ① CONTRACTOR TO REMOVE AND SALVAGE EXISTING INTERSECTION CONTROLLER CABINET AND REMOVE AS CONTRACTOR'S PROPERTY EXISTING CONTROLLER FOUNDATION. RESTORE SIDEWALK TO MATCH EXISTING CONDITIONS.
 - ② 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.
 - ③ CONTRACTOR TO INSTALL CITY FURNISHED INTERSECTION SIGNAL CONTROLLER CABINET
 - ④ EXTEND EXISTING 12C TO NEW CONTROLLER. SPLICE NEW 12C TO EXISTING 12C TO MAINTAIN INTERCONNECT SYSTEM.
 - ⑤ SPLICE NEW STREET LIGHT WIRING TO LINE SIDE OF SERVICE WIRING. ~~CONTRACTOR TO VERIFY EXISTING VOLTAGE.~~
 - ⑥ SEE CR-01 REGARDING RELOCATION OR READJUSTMENT OF EXISTING TS PULL BOX. 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.
 - ⑦ CONTRACTOR TO REMOVE AND SALVAGE EXISTING MASTER CONTROLLER CABINET AND REMOVE AS CONTRACTOR'S PROPERTY EXISTING CONTROLLER FOUNDATION. RESTORE SIDEWALK TO MATCH EXISTING CONDITIONS.
 - ⑧ IC SERVICE POINT WILL BE A PG&E WOOD UTILITY POLE LOCATED APPROXIMATELY 45' EAST FROM THE NORTHEAST CORNER OF THE PACHECO/SUNSET PROPERTY LINE. F/I TYPE I PULL BOX NEXT TO THIS PG&E SERVICE POINT WOOD POLE. COORDINATE WITH PG&E FOR FINAL POWER SERVICE CONNECTION.
 - ⑨ REMOVE PORTION OF EXISTING 12C EXTENDING TO OLD SIGNAL CONTROLLER LOCATION WHILE MAINTAINING EXISTING INTERCONNECT SYSTEM.
 - ⑩ AFTER ACTIVATION OF NEW TS WIRING, REMOVE EXISTING PULL BOX. CUT CONDUIT(S) FLUSH TO PULL BOX WALL (EXCEPT AS NOTED) AND CAP END(S). RESTORE SIDEWALK TO MATCHING EXISTING

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	SUNSET BLVD (NB & SB) - ② & ⑥
R		G	PACHECO ST (EB & WB) - ④ & ⑧
WM	FRH	RH	PED XING PACHECO ST (ES & WS) - ②P & ⑥P
RH		WM	PED XING SUNSET BLVD (SS & NS) - ④P & ⑧P

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	28	29	30
	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
NOTES							SP	EX		SP		SP	EX										SP			SP				
VEHICLE SIGNAL 81	3		3			3			3	3																				
PED SIGNAL 88	2		2			2			2	2																				
PED SIGNAL 69		2	2			2			2	2																				
VEHICLE SIGNAL 82				3		3			3	3																				
PED SIGNAL 49				2		2			2	2																				
VEHICLE SIGNAL 61					3	3			3	3																				
PED SIGNAL 68					2	2			2	2																				
VEHICLE SIGNAL 63							3	3		3																				
VEHICLE SIGNAL 23												3	3			3					3									
VEHICLE SIGNAL 21															3		3				3									
PED SIGNAL 28															2		2				2									
VEHICLE SIGNAL 42																3	3				3									
PED SIGNAL 89																2	2				2									
PED SIGNAL 29																		2			2									
VEHICLE SIGNAL 41																				3	3									
PED SIGNAL 48																				2	2									
#14 NEUTRAL	2	1		2	2			1				1		2	2			1	2											
#14 SPARE			3			3		3	3			3				3				3										
TOTAL #14 WIRES	7	3	10	7	7	20		4	23	23		4	6	7	7	16		3	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								
#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: 02/03/12
DRAWN: DATE: 02/03/12
APPROVED: DATE: AUG 15 2012
SECTION MANAGER: [Signature]
DEPUTY DIVISION MANAGER: [Signature]

SCALE: NONE
SHEET OF SHEETS

SUNSET BOULEVARD
PEDESTRIAN COUNTDOWN SIGNALS PROJECT
PACHECO STREET AND SUNSET BOULEVARD

CONTRACT NO. 1984J
DRAWING NO. E-2.1
FILE NO. 94.673

Xrefs: T:\E-FILES\Special Projects & Street Use\Design Sds\CADD Standards\BOE Title Block.dwg
V:\1984J_Sunset Blvd_Ped_Countdown_Signal\2_Design\Working_Drawings\EEL\95_Submittal\Sunset Striping.dwg
V:\1984J_Sunset Blvd_Ped_Countdown_Signal\2_Design\Working_Drawings\EEL\95_Submittal\BOES_TBD.dwg
Model Units: Undefined
Login: mwu
Thu, 26 Jul 2012 - 3:09pm