

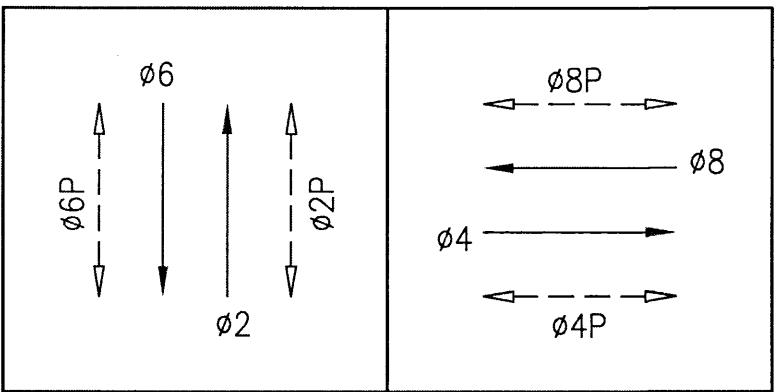
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POLE AND EQUIPMENT SCHEDULE										
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL		
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING
①	16-2-100 W/ 8' MAST ARM		61	3S12"	SV-1-T	T		68	1S-COUNT	SP-1
			64	3S12"	MAS	T				
②	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1
③	1-A (10')		81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1
④	1-A (10')		22	3S12"	TV-1-T	T		69	1S-COUNT	SP-1
⑤	17-2-100 W/ 8' MAST ARM AND 6' LUMINAIRE	73W LED	21	3S12"	SV-1-T	T		28	1S-COUNT	SP-1
			24	3S12"	MAS	T				
⑥	MUNI POLE		42	3S12"	SV-1-T	T		89	1S-COUNT	SP-1-T
⑦	1-A (10')		41	3S12"	TV-1-T	T		48	1S-COUNT	SP-1
⑧	1-A (10')		62	3S12"	TV-1-T	T		29	1S-COUNT	SP-1
								REMARKS		
								APS-2W BACKPLATE		
								APS-2W		
								APS-2W		
								APS-2W PPB		
								APS-2W		
								EXTERNAL CONDUIT		
								APS-2W		
								APS-2W		
								APS-2W		

SHEET NOTES:

- ① SPLICE NEW 12C INTERCONNECT CABLE TO EXISTING 12C INTERCONNECT CABLE.
- ② MAST ARM PLUMBIZER SHALL BE MOUNTED BETWEEN YELLOW AND GREEN SIGNAL HEAD
- ③ CONTRACTOR TO PROVIDE WIRING. CITY FORCE TO PROVIDE APS PUSH BUTTON.
- ④ PROVIDE 3" CONDUIT AND RISER PER PG&E GREEN BOOK REQUIREMENT. COORDINATE WITH PG&E THROUGH SFPUC FOR SERVICE CONNECTION.
- ⑤ INSTALL "T" CONDULET POINTING WEST PER ADA REQUIREMENT. APS PROVIDED BY CITY FORCE.
- ⑥ PRIOR TO ABANDONING CONDUIT AND WIRES IN PLACE. CONTRACTOR TO FIELD VERIFY ALL EXISTING CIRCUIT TO REMAIN. UNUSED WIRES SHALL BE CUT TO THE FACE OF PULLBOX.
- ⑦ CONTRACTOR TO COORDINATE WITH DT THROUGH RESIDENT ENGINEER FOR FIRE PULL STATION RELOCATION.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R			SOUTH VAN NESS AVENUE (NB + SB) - 02 + 06
R		G	Y	R	17TH STREET (EB + WB) - 04 + 08
WM	FRH			RH	PED XING 17TH STREET (ES + WS) - 02P + 06P
		RH	WM	FRH	PED XING SOUTH VAN NESS AVE (SS + NS) - 04P + 08P

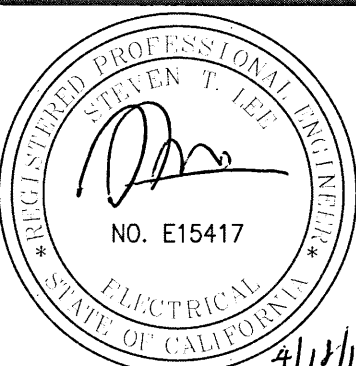
SWITCHOVER 8/15/17  
DARK: 9:09 AM  
3-COLOR: 9:35 AM  
J. Diaz, N. Kobayashi (MTA)  
M. Chue, K. Moradi (Signal Shop)  
D. Brugmann, T. Montoya (PW)  
S. Kuang (PEL)

NO.	DATE	DESCRIPTION	BY	APP.
①	4/10	PG&E SERVICE AND MISC POLE LAYOUT CHANGES	DG	SL
TABLE OF REVISIONS				

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



INFRASTRUCTURE DIVISION  
DEPARTMENT OF PUBLIC WORKS  
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: SS/DY/ZH 8/2015	APPROVED
DRAWN: DATE: SS/DY/ZH 8/2015	SECTION MANAGER DATE:
CHECKED: DATE: MV/SL	DEPUTY DIVISION MANAGER DATE:
	DIVISION MANAGER DATE:

SCALE: AS SHOWN
SHEET OF SHEETS 15 OF 22

SOUTH VAN NESS AVE TRAFFIC SIGNAL UPGRADE  
17TH STREET AND SOUTH VAN NESS AVENUE  
TRAFFIC SIGNAL MODIFICATIONS

CONTRACT NO. 2569J
DRAWING NO. E-4.0
FILE NO. 105,272
REV. NO. 1



CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)																																			
CONDUIT RUN NUMBER		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19a	20	21	22	23	24	25	26							
CONDUIT SIZE (INCH)		2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	2	2	2	2	2	2	2							
NOTES		1	GRS	GRS												1	SP	SP			1	GRS	GRS	SP	GRS	SP	GRS	SP	1						
VEHICLE SIGNAL 24		3		3			3		3												1														
	VEHICLE SIGNAL 21	3		3			3		3																										
	PED SIGNAL 28	2		2			2		2																										
	APS PPB POLE 5 (ø8P)	2		2			2		2																										
	VEHICLE SIGNAL 42		3	3			3		3																										
	PED SIGNAL 89		2	2			2		2																										
	APS PPB POLE 6 (ø2P)		2	2			2		2																										
	VEHICLE SIGNAL 41				3			3	3																										
	PED SIGNAL 48				2			2	2																										
	APS PPB POLE 7 (ø2P)				2			2	2																										
	VEHICLE SIGNAL 62					3		3	3																										
	PED SIGNAL 29					2		2	2																										
	APS PPB POLE 8 (ø4P)					2		2	2																										
	VEHICLE SIGNAL 22											3		3			3																		
	PED SIGNAL 69											2		2			2																		
	APS PPB POLE 4 (ø8P)											2		2			2																		
	VEHICLE SIGNAL 81												3	3			3																		
	PED SIGNAL 88												2	2			2																		
	APS PPB POLE 3 (ø6P)												2	2			2																		
	VEHICLE SIGNAL 64															3		3																	
	VEHICLE SIGNAL 61															3		3																	
	PED SIGNAL 68															2		2																	
	VEHICLE SIGNAL 82																3	3																	
	PED SIGNAL 49																2	2																	
	APS PPB POLE 2 (ø6P)																2	2																	
	APS PPB POLE 1 (ø4P)															2		2																	
	#14 NEUTRAL		3	2		2	2					2	2		3	2																			
#14 SPARE				3			3		3				3			3																			
TOTAL #14 WIRES		14	9	20	9	9	20	14	34		9	9	17	13	9	34																			
#10 WIRES NEUTRAL				1			1	1	2				1			2																			
#10 WIRES STREET LIGHT	1	2																																	
#8 WIRES STREET LIGHT																																			
#8 WIRES (120 V SERVICE)										2	1							1		3		2	2		2						1				
INTERCONNECT 12C CABLE																			2																

SHEET NOTES:

1 GRSC, PG&E SERVICE CABLE BY PG&E

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