

2/16/2021 10:23AM flashing red

Attendees:  
Celine Leung (SFMTA SSD)  
Daniel Brugmann ((SFPW CM)  
Phong Nguyen,Danny Guevara, Robbie Donahoe & Dennis Dominguez (Signal Shop)  
Mylon Tom & Jim Lau (Bay Area Lightworks)

2/18/2021 9:33AM in 3-Color operation

Attendees:  
Celine Leung (SFMTA SSD)  
Denny Guevara & Dennis Verhalen (Signal Shop)

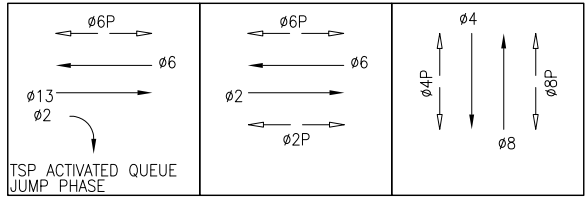
SRC2022-297: 4/6/23 - Added Transit Signals 151 and 152 for WB Haight.

POLE AND EQUIPMENT SCHEDULE									
POLE No.	TYPE OF POLE	FIXTURE TYPE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL		REMARKS
			No.	TYPE	MOUNTING	VISORS	No.	TYPE	
①	1-A (13')		81	3S12"	TV-1-T	T	88	1S-COUNT	SP-1
②	(E) MUNI STREET LIGHT POLE	(E) 108 LED	22 65 132	3S12" 3S12" 2S12"VB	SV-2-TA SV-1-T	T T	69	1S-COUNT	SP-1
③	(E) MUNI POLE		21 131	3S12" 2S12"VB	SV-1-T SV-1-T	T T	28	1S-COUNT	SP-1-T
④	1-A(10')		42 85	3S12" 3S12"	TV-2-T	T T	89	1S-COUNT	SP-1
⑤	(E) MUNI POLE		41	3S12"	SV-1-T	T	48	1S-COUNT	SP-1-T
⑥	STEEL STREET LIGHT POLE		62 152	3S12" 2S12"VB	SV-1-T SV-1-T	T T	29	1S-COUNT	SP-1
⑦	(E) MUNI STREET LIGHT POLE	(E) 108 LED	61 151	3S12" 2S12"VB	SV-1-T SV-1-T	T T	68	1S-COUNT	SP-1-T
⑧	STEEL STREET LIGHT POLE		82	3S12"	SV-1-T	T	49	1S-COUNT	SP-1

SHEET NOTES:

- ① PRIOR TO SIGNAL ACTIVATION, CONTACT SFMTA FOR REMOVAL OF STOP SIGN AND PAVEMENT MARKING.
- ② REMOVE AS CONTRACTOR'S PROPERTY EXISTING STREET LIGHT WIRING. RECONNECT EXISTING STREET LIGHT FIXTURE PER WIRING SCHEDULE.
- ③ ABANDON EXISTING CONDUIT. CUT WIRING AND CONDUIT TO FACE OF PULLBOX AND CAP BOTH ENDS
- ④ COORDINATE WITH PUC TO VERIFY AND MAINTAIN SERVICE TO OTHER EQUIPMENT. COORDINATE WITH PG&E VIA PUC FOR DE-ENERGIZATION OF EXISTING STREET LIGHT SERVICE AFTER NEW SERVICE IS IN OPERATION.
- ⑤ COORDINATE WITH PG&E VIA SFPUC TO SUBMIT SERVICE ORDER FOR REMOVAL OF LIGHT FIXTURE FROM PG&E WOOD POLE AFTER STREET LIGHTS HAVE BEEN ENERGIZED.
- ⑥ SEE FIXTURE SCHEDULE ON E-0.4.
- ⑦ CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.

PHASE DIAGRAM



NOTE:  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

2	10/1/19	PCO 2:POLE LAYOUT CHANGE/SP POLES	DG	SL
1	9/5/19	PCO 1: APS ADDITION	DG	SL

TABLE OF REVISIONS

THIS DRAWING WAS LAST MODIFIED: 10/10/19 14:43, BY: dgargaritano

REFERENCE INFORMATION & FILE NO. OF SURVEYS

BUREAU OF DESIGN & ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 6028

Section Mgr: PHILIP THWIN  
Deputy Bureau Mgr: IQBALBHAI DHAPA  
Bureau Mgr: PATRICK RIVERA

DESIGNED: DATE: DG/CL 01/2019  
DRAWN: DATE: DG/CL 01/2019  
CHECKED: DATE: SL/KK 01/2019

SCALE: AS SHOWN  
SHEET OF SHEETS 9 OF 21

LOWER HAIGHT TRAFFIC SIGNALS  
HAIGHT STREET AND BUCHANAN STREET  
TRAFFIC SIGNAL PLAN

CONTRACT NO. 1000013166  
DRAWING NO. E-1.0  
FILE NO. 113,602  
REV. NO. 2

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	20	21	22	23	24	25	26	27	28										
CONDUIT SIZE (INCH)		2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2										
		GRS			SP						SP		GRS	GRS		SP				SP	SP	SP			GRS	GRS	GRS	GRS	GRS										
NOTES				EX	EX			EX	EX				EX		EX	EX					EX	EX				EX	EX		EX										
	VEHICLE SIGNAL 62	3		3				3		3	2																												
	PED SIGNAL 29	2		2				2		2																													
	VEHICLE SIGNAL 41		3	3				3		3																													
	PED SIGNAL 48		2	2				2		2																													
	VEHICLE SIGNAL 42					3				3	3																												
	VEHICLE SIGNAL 85					3				3	3																												
	PED SIGNAL 89					2				2	2	2																											
	VEHICLE SIGNAL 21							3		3	3																												
	VEHICLE SIGNAL 131							2		2	2																												
	PED SIGNAL 28							2		2	2																												
	VEHICLE SIGNAL 61											3			3					3																			
	PED SIGNAL 68											2			2					2																			
	VEHICLE SIGNAL 82													3	3					3																			
	PED SIGNAL 49													2	2					2																			
	VEHICLE SIGNAL 81																3			3																			
	PED SIGNAL 88																2			2																			
	VEHICLE SIGNAL 22																		3	3															3				
	VEHICLE SIGNAL 132																		2	2															2				
	VEHICLE SIGNAL 65																		3	3															3				
	PED SIGNAL 69																		2	2															2				
	APS ON POLE 6	2		2				2		2																													
	APS ON POLE 5		2	2				2		2																													
	APS ON POLE 4					2				2	2																												
	APS ON POLE 3						2			2	2																												
	APS ON POLE 7											2			2					2																			
	APS ON POLE 8													2	2					2																			
	APS ON POLE 1																2			2																			
	APS ON POLE 2																	2	2															2					
	#14 NEUTRAL	2	2			2	3					2		2			2																		3				
	#14 SPARE		2		3										3					3																			
	TOTAL #14 WIRES	11	9	19		12	12	19	19	38		11	9	19		9	12	38																	15				
	#10 WIRES NEUTRAL														1			1	2																				
	#10 WIRES STREET LIGHT	2												2																									
	#8 WIRES STREET LIGHT												2													2	2						2						
	#8 WIRES (120V SL SERVICE)																																						
	#8 WIRES (120V TS SERVICE)																																						
	#8 WIRES (120/240V SERVICE)																																						

TRANSIT SIGNAL 151

2

2

2

SRC2022-297: 4/6/23 - Added Transit Signals 151 and 152 for WB Haight.

TRANSIT SIGNAL 152

2

2

2

2

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DESIGNED:	DATE:
DG/CL	01/2019
DRAWN:	DATE:
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CHECKED:	DATE:
KK/SL	01/2019



SCALE:
NONE
SHEET OF SHEETS
10 OF 21

LOWER HAIGHT TRAFFIC SIGNALS  
  
HAIGHT STREET AND BUCHANAN STREET  
CONDUIT AND WIRING SCHEDULE

CONTRACT NO.	1000013166
DRAWING NO.	E-1.1
FILE NO.	113,603
REV. NO.	2