

SWITCHED OVER 8/4/2016
DARK @ 9:21 AM; 3-COLOR @ 10:25 AM
J. HORNBOSTEL (MTA); L. LIMBO (SFPW);
S. BUSS & L. WONG (Signal Shop)

NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED
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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	EX MUNI POLE WITH 6' LA							68	1S-COUNT	SP-1	APS-2W APS-2W EXTERNAL CONDUIT <div><div>3</div><div>--</div><div>G-0.8</div></div>
②	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	APS-2W <div>3</div>
③	1-A (10')		81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	APS-2W <div>3</div>
④	16-2-100 WITH 20' MAST ARM		22 24	3S12" 3S12"	SV-1-T MAS	T T		69	1S-COUNT	SP-1	APS-2W <div>3</div> BACKPLATE
⑤	EX MARBELITE STREET LIGHT		21	3S12"	SV-1-T	T		28	1S-COUNT	SP-1	APS-2W <div>3</div>
⑥	1-A (10')		42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	APS-2W <div>3</div>
⑦	EX MARBELITE STREET LIGHT		41	3S12"	SV-1-T	T		29 48	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1 (22")	APS-2W <div>3</div> APS-2W

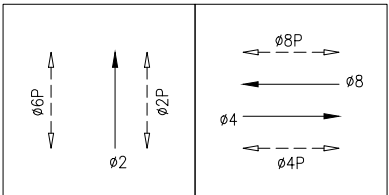
SHEET NOTES

- ① REMOVE EXISTING TRAFFIC SIGNAL CABLES EXCEPT SERVICES TO STREETLIGHTS AND INTERCONNECT CABLES WHERE APPLICABLE. PRIOR TO REMOVAL OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN EXISTING SERVICES TO STREETLIGHTS AND INTERCONNECT.
- ② ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- ③ CITY FORCES TO INSTALL CITY FURNISHED APS PUSH 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.
- ④ CONTRACTOR TO INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING.
- ⑤ BRING NEW CONDUITS INTO EXISTING PULL BOX. CONTRACTOR SHALL BE CAREFUL TO AVOID DAMAGE TO EXISTING PULL BOX.
- ⑥ CONTROLLER SERVICE POINT IS A PG&E MANHOLE AT THE SOUTHEAST CORNER OF THIS INTERSECTION. CONTRACTOR TO COORDINATE WITH PG&E THROUGH SFPUC FOR FINAL POWER SERVICE CONNECTION.
- ⑦ CONTRACTOR SHALL PROVIDE 40A INLINE FUSE AND FUSE HOLDER IN FIRST PULL BOX NEXT TO THE PG&E SERVICE POINT.
- ⑧ CONTRACTOR SHALL COORDINATE WITH PG&E THROUGH SFPUC FOR DEACTIVATION OF SERVICE CONNECTION WORK TO BE COMPLETED AFTER ACTIVATION OF NEW SERVICE POINT. TEN WORKING DAY'S NOTICE IS REQUIRED.

GENERAL NOTES

1. CONTRACTOR TO REFER TO DRAWING G-0.4, GENERAL NOTE 15, 36, 44, 45, 46 FOR ADDITIONAL INFORMATION.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	FRANKLIN ST. (NB) - Ø2
R	G	Y R	McALLISTER ST. (EB & WB) - Ø4 & Ø8
W	FRH	RH	PEDS XING McALLISTER ST. (ES & WS) - Ø2P & Ø6P
RH	W	FRH RH	PEDS XING FRANKLIN ST. (SS & NS) - Ø4P & Ø8P

NO.	DATE	DESCRIPTION	BY	APP.
1	11/2015	REVISED PG&E SERVICE TO MH#4993	JH	MV
TABLE OF REVISIONS				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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



DESIGNED: DATE: 3/05/2015
JH/WC
DRAWN: DATE: 3/05/2015
SS/WC
CHECKED: DATE: 3/05/2015
STL/NW

APPROVED
SECTION MANAGER DATE:
DEPUTY DIVISION MANAGER DATE:
DIVISION MANAGER DATE:

SCALE:
AS SHOWN
SHEET OF SHEETS
18 OF 73

FRANKLIN AND DIVISADERO STREET
TRAFFIC SIGNAL UPGRADE
FRANKLIN STREET AND McALLISTER STREET
TRAFFIC SIGNAL WORK
CONTRACT NO. 2596J
DRAWING NO. E-6.0
FILE NO. 100,807
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													
CONDUIT SIZE (INCH)		UNK	2	2	UNK	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3													
		EX	EX		EX	EX	GRS		EX			EX	EX	☁		SP		SP		①													
NOTES																																	
	VEHICLE SIGNAL 41	3	3			3						3																					
	PED SIGNAL 29	2	2			2						2																					
	PED SIGNAL 48	2	2			2						2																					
	APS PPB FOR POLE 7	4	4			4						4																					
	VEHICLE SIGNAL 42			3		3						3																					
	PED SIGNAL 89			2		2						2																					
	APS PPB FOR POLE 6			2		2						2																					
	VEHICLE SIGNAL 21				3	3						3																					
	PED SIGNAL 28				2	2						2																					
	APS PPB FOR POLE 5				2	2						2																					
	APS PPB FOR POLE 1						2		2				2																				
	VEHICLE SIGNAL 82							3	3				3																				
	PED SIGNAL 49							2	2				2																				
	PED SIGNAL 68					2			2				2																				
	APS PPB FOR POLE 2							2	2				2																				
	VEHICLE SIGNAL 81									3			3																				
	PED SIGNAL 88									2			2																				
	APS PPB FOR POLE 3									2			2																				
	VEHICLE SIGNAL 22										3		3																				
	VEHICLE SIGNAL 24											3	3																				
	PED SIGNAL 69											2	2																				
	APS PPB FOR POLE 4											2	2																				
	#14 NEUTRAL	3		2	2		1	2		2	3																						
	#14 SPARE		3			3			3			3	3																				
	TOTAL #14 WIRES	14	14	9	9	28	5	9	14	9	13	28	31																				
	#10 WIRES NEUTRAL		1			2			1			2	2																				
	#10 WIRES STREET LIGHT																																
	#8 WIRES STREET LIGHT													①	2	2	☁		2	☁		2	2										
	#8 WIRES (120 V SERVICE)													①	2	2	☁		2	☁		2	2										
</																																	

[illegible]