












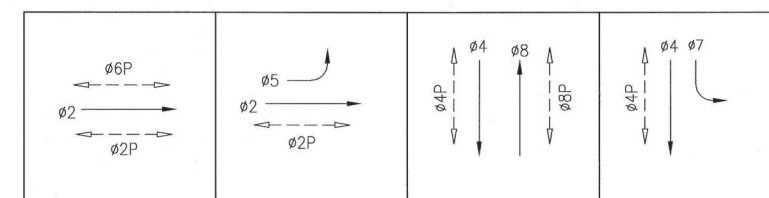
SWITCHOVER HELD 2/12/2020
DARK @ 10:32 AM; 3-COLOR @ 12:04 PM
J. HORBOSTEL (SSD), P. CHAN (SFPW)
J. OLIVARES & A. ROBERTSON (SIGNAL SHOP)

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	
	17-1-70 WITH 15' MA AND 6' LA		57 81 84	3S12"FYLA 3S12" 3S12"	SV-2-TC MAS	T T T		69	1S-COUNT	SP-1	APS-4W BACKPLATE
	18-3-100 WITH 30' MA		52 27 54	3S12"FYLA 3S12"GSA 3S12"FYLA	SV-1-T MAS MAS	T T T		88	1S-COUNT	SP-1	APS-4W BACKPLATE BACKPLATE
	17-2-100 WITH 15' MA AND 6' LA		21 24	3S12" 3S12"	SV-1-T MAS	T T		28	1S-COUNT	SP-1	APS-4W BACKPLATE
	MARBELITE (10')		42	4S12"GLA	TV-1-T	T		89	1S-COUNT	SP-1	APS-4W
	17-1-70 WITH 15' MA AND 6' LA		41 44	3S12" 4S12"GLA	SV-1-T MAS-B	T T		29	1S-COUNT	SP-1	APS-4W BACKPLATE
	1-A (7')							48	1S-COUNT	TP-1	APS-4W
	MARBELITE STREETLIGHT		56	3S12"FYLA	TV-1-T	T		49	1S-COUNT	SP-1	APS-4W
	1-A (10')		82	3S12"	TV-1-T	T		68	1S-COUNT	SP-1	APS-4W

SHEET NOTES:

- ABANDON EXISTING CONDUIT AND WIRING, CUT EXISTING CONDUIT TO PULLBOX WALL AND CAP ENDS. PRIOR TO REMOVING OF EXISTING CABLES IN EXISTING CONDUIT, FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING.
- CITY FORCES TO INSTALL CITY FURNISHED APS PUSH BUTTONS ON POLES AS SHOWN ON INTERSECTION DRAWING AND AS INDICATED IN POLE & EQUIPMENT SCHEDULE.
- F/I NEW SIGNALS AS INDICATED IN THE INTERSECTION PLAN AND THE POLE & EQUIPMENT SCHEDULE. REUSE AND RECONNECT EXISTING WIRING TO THE NEW TRAFFIC SIGNALS AS SHOWN IN THE CONDUIT AND WIRING SCHEDULE
- SPLICE NEW #14 NEUTRAL(S) TO EXISTING #10 NEUTRAL.
- R/S HAND HOLE COVER FROM EXISTING MARBELITE POLE AT ET-4.0 AND F/I HAND HOLE COVER ON POLE 4.
- CITY FORCES TO RELOCATE TRAFFIC OBSERVATION CAMERA EQUIPMENT. FIFTEEN WORKING DAY NOTICE IS REQUIRED.
- SPLICE NEW STREET LIGHT WIRES TO EXISTING STREETLIGHT SERVICE. PROVIDE 10A FUSE AND FUSE HOLDER
- SEE LIGHTING FIXTURE SCHEDULE ON E-0.1

PHASE DIAGRAM



REFERENCE INFORMATION & FILE NO. OF SURVEYS				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 Division Mgr: IQBALBHAI DHAPA Division Mgr: PATRICK RIVERA	Date: 10/2/17 10/12/17 10/6/17	DESIGNED: DATE: 5/2017 JH/CMF DRAWN: DATE: 5/2017 JH/CMF CHECKED: DATE: 5/2017 GD/SL	SCALE: AS SHOWN SHEET OF SHEETS 38 OF 63	CONTRACT 34 - TRAFFIC SIGNAL MODIFICATIONS MASONIC AVENUE AND OAK STREET TRAFFIC SIGNAL WORK POLE AND EQUIPMENT SCHEDULE	CONTRACT NO. 2805J DRAWING NO. E-14.0 FILE NO. 109,574 REV. NO.
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CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES) 2																											
CONDUIT RUN NUMBER		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
CONDUIT SIZE (INCH)		UNK	2	2	UNK	2	2	UNK	2	2	2	2	2	2	1.5	1.5	2	2	2								
		EX	EX	EX	EX	GRS	EX	EX	EX	EX	EX		EX	EX	EX	EX	EX,SP	EX,SP	EX,SP								
NOTES																											
	PED SIGNAL 48	(2)		(2)			(2)								(2)												
	VEHICLE SIGNAL 41		(3)	(3)			(3)								(3)												
	VEHICLE SIGNAL 44		(4)	(4)			(4)								(4)												
	PED SIGNAL 29		(2)	(2)			(2)								(2)												
	VEHICLE SIGNAL 42				(4)		(4)								(4)												
	PED SIGNAL 89				(2)		(2)								(2)												
	VEHICLE SIGNAL 21					(3)	(3)								(3)												
	VEHICLE SIGNAL 24					(3)	(3)								(3)												
	PED SIGNAL 28					(2)	(2)								(2)												
	VEHICLE SIGNAL 56							(3)		(3)				(3)													
	PED SIGNAL 49							(2)		(2)				(2)													
	VEHICLE SIGNAL 82								(3)	(3)				(3)													
	PED SIGNAL 68								(2)	(2)				(2)													
	VEHICLE SIGNAL 57											(3)		(3)													
	VEHICLE SIGNAL 81											(3)		(3)													
	VEHICLE SIGNAL 84											(3)		(3)													
	PED SIGNAL 69											(2)		(2)													
	VEHICLE SIGNAL 27												3	3													
	VEHICLE SIGNAL 52												3	3													
	VEHICLE SIGNAL 54												3	3													
	PED SIGNAL 88												2	2													
	#14 NEUTRAL	(1)	(3)		(2)	(3)		(2)	(2)		(3)	4	(3)	(3)													
	#14 SPARE			(3)			(3)			(3)			[35]	(29)													
	TOTAL #14 WIRES	(3)	(12)	(14)	(8)	(11)	(29)	(7)	(7)	(13)	(14)	15	(2)	(2)													
	#10 WIRES NEUTRAL			(1)		(2)				(1)																	
	#10 WIRES STREET LIGHT		(2)			2		(2)			(2)																
	#8 WIRES STREET LIGHT																										
	#8 WIRES (120 V SERVICE)														(2)	(2)											
	#6 BSCW 1																										
	INTERCONNECT 12C CABLE																										

SHEET NOTES:

- 1 F/I PER GROUNDING LAYOUT DETAIL AND PROJECT SPECIFICATIONS SECTION 34 41 13.
- 2 (#) INDICATES EXISTING WIRE TO REMAIN,
[#] INDICATES MIX OF NEW AND EXISTING WIRE



NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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	Date:	10/2/17
Deputy Division Mgr:	IQBALBHAI DHAPA	Date:	10/2/17
Division Mgr:	PATRICK RIVERA	Date:	10/2/17

DESIGNED:	DATE:
JH/CMF	5/2017
DRAWN:	DATE:
JH/CMF	5/2017
CHECKED:	DATE:
GD/SL	5/2017



SCALE:	NONE
SHEET OF SHEETS	39 OF 63

CONTRACT 34 - TRAFFIC
SIGNAL MODIFICATIONS
MASONIC AVENUE AND OAK STREET
CONDUIT AND WIRING SCHEDULE

CONTRACT NO.	2805J
DRAWING NO.	E-14.1
FILE NO.	109,575
REV. NO.	