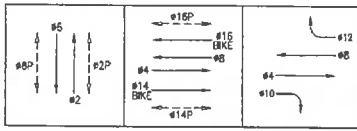


PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	MISSION ST. (EB & WB) - #2 & #6
R		G	2ND ST. (SB & NB) - #4 & #8
R		G	2ND ST. (SBRT & NBRT) - #10 & #12
RA	CA	YA	2ND ST. (SB & NB BK) - #14 & #16
WM	FRH	RH	PED XING 2ND ST. (SS & NS) - #2P & #6P
RH	WM	FRH	PED XING BRANNAN ST. (WS & ES) - #14P & #16P

POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
1	18-4-100 W/25" EAST ARM & 6" LUMINAIRE ARM	5	161	3812" BIKE	SV-1-T	T		168	19-COUNT	SP-1	BACKPLATE BACKPLATE APS
			124	3812" RA	MAB	T					
			64	3812" HRT	MAB	T					
2	1-A (10')		22	3812"	SV-1-T	T		69	15-COUNT	SP-1	APS
3	17-3-100 W/25" EAST ARM & 6" LUMINAIRE ARM	5	24	3812"	MAB	T		28	19-COUNT	SP-1	BACKPLATE APS
			21	3812"	SV-1-T	T					
4	1-4 (13')		42	3812"	TV-2-T	T		168	19-COUNT	SP-1	APS MOUNT 165 AT 8'
			125	3812" RA		T					
			165	3812" BIKE	SV-1	T					
5	18-4-100 W/25" EAST ARM & 6" LUMINAIRE ARM	5	141	3812" BIKE	SV-2-T-SF	T		148	19-COUNT	SP-1 (22") SP-1-SF (12")	BACKPLATE BACKPLATE APS
			62	3812"	MAB	T					
			104	3812" RA	MAB	T					
6	PPS POLE		44	3812" HRT	MAB	T					APS
7	17-1-1-70 W/20" EAST ARM NEW LUMINAIRE FIXTURE	5	64	3812"	SV-1-T WAS	T		66	15-COUNT	SP-1	APS BACKPLATE
			64	3512"		T					
8	1-4 (13')		146	3812" BIKE	SV-1	T		149	19-COUNT	SP-1	APS MOUNT 145 AT 8'
			82	3812"		T					
			165	3812" RA	TV-2-T	T					

GENERAL NOTES:

- CONTRACTOR SHALL CONTACT SFMTA SIGNAL SHOP TO UNINSTALL AND REINSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.
- F/I APS BUTTON PROVIDED BY CITY FORCES.
- R/S EXISTING SIGN POLE AND RELOCATE SIGN ONTO POLES 4. CONTACT SFMTA SIGN SHOP AT 150B BANCROFT AVENUE, SAN FRANCISCO; (415) 554-9786 PRIOR TO DELIVERY AND CONTACT TRAFFIC ENGINEER THROUGH THE CITY REPRESENTATIVE FOR SIGN RELOCATION.
- ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULL BOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREET LIGHTS AND TRAFFIC CONTROLLER.
- CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- POLE ON SUBSIDEWALK BASEMENT.
- F/I TWO SETS OF 40A INLINE FUSE, ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.
- EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE MAINTAIN OR DISTURBED OR DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION, AS REQUIRED AND/OR DIRECTED.
- SPLICE NEW WIRE INTO THE EXISTING WIRES AS PER CONDUIT AND WIRING SCHEDULE (I.E. STREETLIGHT AND SIGNAL). PROVIDE NEW WIRES FOR ALL ADDITIONAL SIGNALS PER CONDUIT AND WIRING SCHEDULE.

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.

NO.	DATE	DESCRIPTION	BY	APP.
2	2/5/18	POD #28 FURNISHING ZONE CHANGES	ST	SL
1	7/28/18	POD #17 Boardman GRS Conduit	ST	SL

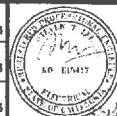
REFERENCE INFORMATION & FILE NO. OF SURVEYS



DESIGN & ENGINEERING
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO
30 VAN NESS AVENUE 5TH FLOOR
SAN FRANCISCO, CALIF 94102 - 8508

Station Map	Police Map
Deputy Bureau Map	Local Chapter
Bureau Map	Police Review

DESIGNED: SS/ZH	DATE: 09/18
DRAWN: SS/ZH	DATE: 09/18
CHECKED: GS/SL	DATE: 09/18



SCALE: AS SHOWN
SHEET OF

2ND STREET STREETSCAPE IMPROVEMENTS PROJECT
2ND STREET AND BRANNAN STREET TRAFFIC SIGNAL WORK

CONTRACT NO. 1064J
DRAWING NO. ET-8.0
FILE NO. 106.279
REV. NO. 2