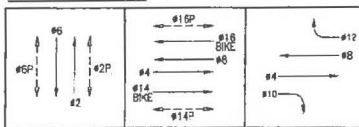


PHASE DIAGRAM



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
R		G	2ND ST. (SB & NB BKE) - #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 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	18-4-100 W20' EAST ARM & 9' LUMINAIRE ARM	5	101 124 84	3812" BIKE 3812" RA 3812" NRT	SV-1-T MAS MAS	T T T		100 69	18-COUNT 15-COUNT	SP-1 SP-1	BACKPLATE BACKPLATE APS
②	1-A (10')		22	3812"	SV-1-T	T		69	15-COUNT	SP-1	APS
③	17-3-100 W20' EAST ARM & 9' LUMINAIRE ARM	5	24 21	3812" 3812"	MAS SV-1-T	T T		28	18-COUNT	SP-1	BACKPLATE APS
④	1-A (13')		42 125 155	3812" 3812" RA 3812" BIKE	TV-2-T SV-1	T T T		100 69	18-COUNT	SP-1	APS MOUNT 183 AT 8'
⑤	18-4-100 W20' EAST ARM & 9' LUMINAIRE ARM	5	141 82 104 44	3812" BIKE 3812" 3812" RA 3812" NRT	SV-2-T-6F MAS MAS MAS	T T T T		144 25	18-COUNT 15-COUNT	SP-1 (23") SP-1-3P (12")	BACKPLATE BACKPLATE APS
⑥	PPB POLE										APS
⑦	17-1-70 W/20' EAST ARM & 9' NEW LUMINAIRE PLATFIRE	5	61 54	3812" 3512"	SV-1-T MAS	T T		68	15-COUNT	SP-1	APS BACKPLATE
⑧	1-A (13')		145 82 103	3812" BIKE 3812" 3812" RA	SV-1 TV-2-T	T T T		144 25	18-COUNT	SP-1	APS MOUNT 145 AT 8'

GENERAL NOTES:

- CONTRACTOR SHALL CONTACT SFMTA SIGNAL SHOP TO UNINSTALL AND REINSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.

SHEET NOTES:

- F/I APS BUTTON PROVIDED BY CITY FORCES.
- R/S EXISTING SIGN POLE AND RELOCATE SIGN ONTO POLES 4. CONTACT SFMTA SIGN SHOP AT 1508 BANCROFT AVENUE, SAN FRANCISCO; (415) 554-8786 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.
- POLE IN PLACE OF POLE, PROVIDE TEMPORARY SIGNAL AS REQUIRED.

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.
1	7/28/18	POD #17 Basement GND Conduit	ST	SL
2	2/8/19	POD #28 FURNISHING ZONE CHANGES	ST	SL
3	8/28/19	POD #42 2ND AND BRANNAN	SL	SL

REFERENCE INFORMATION	FILE NO. OF SURVEY



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

Section Mgr.	Philip Truitt	Date:
Deputy Bureau Mgr.	Isabel Ornela	
Bureau Mgr.	Pamela Rhoads	

DESIGNED: DATE:	SS/ZH 09/18
DRAWN: DATE:	SS/ZH 09/18
CHECKED: DATE:	09/16



SCALE:	AS SHOWN
SHEET OF SHEETS	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.	3