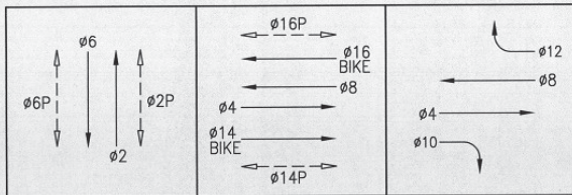


PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	MISSION ST. (EB & WB) - 02 & 06
R		G	2ND ST. (SB & NB) - 04 & 08
R		G	2ND ST. (SBRT & NBRT) - 010 & 012
R		G	2ND ST. (SB & NB BIKE) - 014 & 016
WM	FRH	RH	PED XING 2ND ST. (SS & NS) - 02P & 06P
RH	WM	FRH	PED XING BRANNAN ST. (WS & ES) - 014P & 016P

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	19-4-100 W/25' MAST ARM & 6' LUMINAIRE ARM	5	161 124 84	3S12" BIKE 3S12" RA 3S12" NRT	SV-1-T MAS MAS MAS	T T T		168	4	1S-COUNT	SP-1	BACKPLATE BACKPLATE APS	1
②	1-A (10')		22	3S12"	SV-1-T	T		69		1S-COUNT	SP-1	APS	1
③	17-2-100 W/20' MAST ARM & 6' LUMINAIRE ARM	5	24 21	3S12" 3S12"	MAS SV-1-T	T T		28		1S-COUNT	SP-1	BACKPLATE APS	1
④	1-A (13')		42 125 165	3S12" 3S12" RA 3S8" BIKE	TV-2-T SV-1	T T T		169	4	1S-COUNT	SP-1	APS MOUNT 165 AT 8'	1
⑤	19-4-100 W/25' MAST ARM & 6' LUMINAIRE ARM	5	141 62 104 44	3S12" BIKE 3S12" 3S12" RA 3S12" NRT	SV-2-T-SF MAS MAS MAS	T T T T		148 29	4	1S-COUNT 1S-COUNT	SP-1 (22") SP-1-SF (12")	6 BACKPLATE BACKPLATE APS	1
⑥	PPB POLE											APS	1
⑦	17-1-70 W/20' MAST ARM & 6' NEW LUMINAIRE FIXTURE	5	61 64	3S12" 3S12"	SV-1-T MAS	T T		68		1S-COUNT	SP-1	APS BACKPLATE	1
⑧	1-A (13')		145 82 105	3S8" BIKE 3S12" 3S12" RA	SV-1 TV-2-T	T T T		149	4	1S-COUNT	SP-1	APS MOUNT 145 AT 8'	1

GENERAL NOTES:

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

SHEET NOTES:

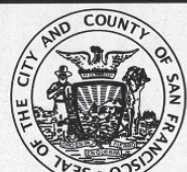
- F/I APS BUTTON PROVIDED BY CITY FORCES.
- R/S EXISTING SIGN POLE AND RELOCATE SIGN ONTO POLES 4. CONTACT SFMTA SIGN SHOP AT 1508 BANCROFT AVENUE, SAN FRANCISCO; (415) 554-9786 PRIOR TO DELIVERY AND CONTACT TRAFFIC ENGINEER THROUGH THE CITY REPRESENTATIVE FOR SIGN RELOCATION.
- ABANDON EXISTING CONDUIT 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 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.

NO.	DATE	DESCRIPTION	BY	SL	APP.
2	2/5/19	PCO #28 FURNISHING ZONE CHANGES	ST	SL	
1	7/26/18	PCO #17 Basement GRS Conduit	ST	SL	

TABLE OF REVISIONS

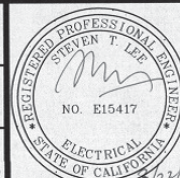
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Section Mgr:	Philip Thwin
Deputy Bureau Mgr:	Iqbal Dhapa
Bureau Mgr:	Patrick Rivera

DESIGNED:	DATE:
SS/ZH	09/16
DRAWN:	DATE:
SS/ZH	09/16
CHECKED:	DATE:
GD/SL	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.	2