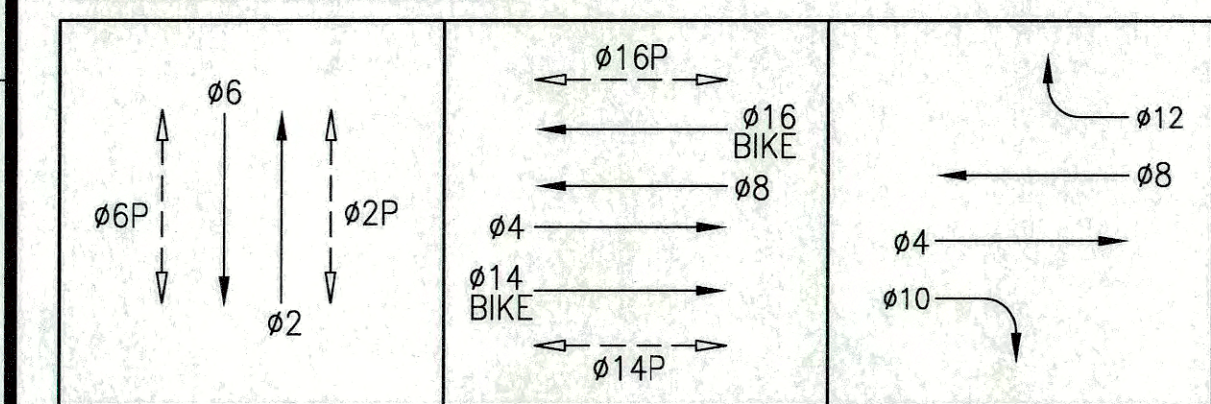


PHASE DIAGRAM

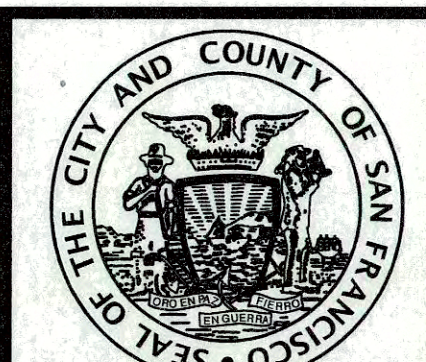


PHASE SEQUENCE

G	Y	R			MISSION ST. (EB & WB) - Ø2 & Ø6
R		G	Y	R	2ND ST. (SB & NB) - Ø4 & Ø8
	R		G	Y	2ND ST. (SBRT & NBRT) - Ø10 & Ø12
R		G	Y	R	2ND ST. (SB & NB BIKE) - Ø14 & Ø16
WM	FRH		RH		PED XING 2ND ST. (SS & NS) - Ø2P & Ø6P
	RH	WM	FRH	RH	PED XING BRANNAN ST. (WS & ES) - Ø14P & Ø16P

3	8/28/19	PCO #42 2ND AND BRANNAN	CL	SL
2	2/5/19	PCO #28 FURNISHING ZONE CHANGES	ST	SL
1	7/26/18	PCO #17 Basement GRS Conduit	ST	SL
NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

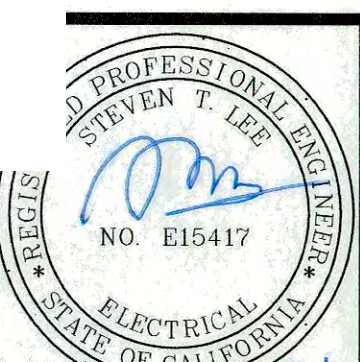
REFERENCE INFORMATION & FILE NO. OF SURVEYS
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DESIGN & ENGINEERING  
PUBLIC WORKS  
CITY & COUNTY OF SAN FRANCISCO  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 8028

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

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.	3

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	
②	1-A (10')		22	3S12"	SV-1-T	T		69	1S-COUNT	SP-1	APS 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 ① BACKPLATE

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.

ET-1 (3S12") = 4 EA  
ET-2 (3S12" RA) = 1 EA  
ET-5 (3S12" Bike) = 1 EA  
ET-8 (SV-1-T) = 2 EA  
ET-12 (SV-2-T-SF) = 1 EA  
ET-14 SIGNAL BACK PLATE = 2 EA  
ET-15 (1S-COUNT HOUSING) = 2 EA  
ET-16 LABOR COST... = 2 EA  
ET-17 (SP-1) = 1 EA  
ET-18 (SP-1) 22" = 1 EA  
ET-33 (Type I) = 1 EA  
ET-34 (Type III) = 4 EA  
ET-39 (1-2") = 6 ft  
ET-40 (1-2" GRC) = 63 ft  
ET-44 (2-2" & 1-2" GRC) = 75 ft  
ET-45 (3-2" & 1-2" GRC) = 80ft

LINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.  
VG WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE MAINTAIN OR DISTURBED OR DUE TO CONSTRUCTION CHANGES ACT SHALL BE RESTORED TO OPERATING CONDITION, AS REQUIRED AND/OR DIRECTED.  
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.