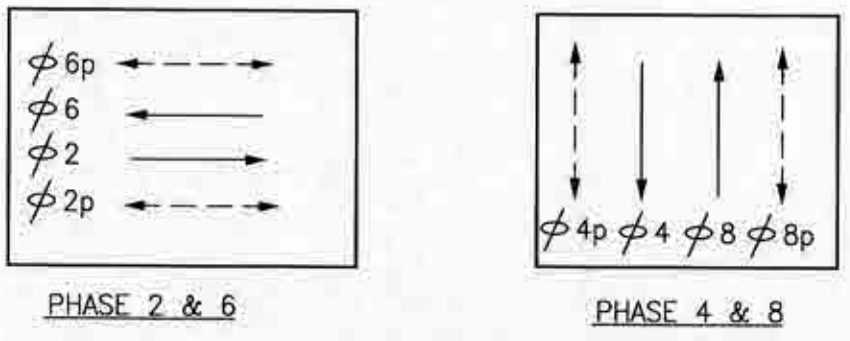


PHASE DIAGRAM: (STEADY DEMAND)



CONDUIT

- 1 F/I 1-2" GRS; WIRING PER SHEET NOTE 2.
- 2 F/I 1-1" PVC; WIRING PER SHEET NOTE 2.

SHEET NOTES

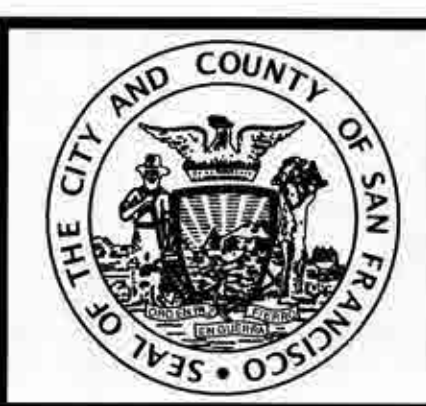
- 1 CONTRACTOR TO PROVIDE WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
- 2 PROVIDE NEW WIRING TO MATCH EXISTING WIRING AND QUANTITY BACK TO CONTROLLER WITHOUT SPLICING. IF EXISTING WIRING HAS ENOUGH SLACK, CONTRACTOR HAS OPTION TO REUSE WITH SFMTA APPROVAL.
- 3 CONTRACTOR TO [AB] LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.
- 4 REMOVE AND [RC] EXISTING POLE, FIXTURE, EQUIPMENT, FOUNDATION, AND ASSOCIATED CONDUIT.
- 5 CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO [RS] GTT TRANSIT SIGNAL PRIORITY RADIO EQUIPMENT.
- 6 REUSE AND [RL] EXISTING MAST ARM POLE AS INDICATED BY POLE C ON NEW FOUNDATION. [RL] EXISTING STREET LIGHT FIXTURE. [RC] EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, ASSOCIATED CONDUIT, AND FOUNDATION. PROVIDE NEW TRAFFIC SIGNALS AND MOUNTINGS PER POLE AND EQUIPMENT SCHEDULE. PROVIDE TEMPORARY SIGNAL AND LIGHTING AS REQUIRED.
- 7 REUSE AND [RL] EXISTING MAST ARM POLE AS INDICATED BY POLE I ON NEW FOUNDATION. [RL] EXISTING STREET LIGHT FIXTURE. [RC] EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, ASSOCIATED CONDUIT, AND FOUNDATION. PROVIDE NEW TRAFFIC SIGNALS AND MOUNTINGS PER POLE AND EQUIPMENT SCHEDULE. PROVIDE TEMPORARY SIGNAL AND LIGHTING AS REQUIRED.
- 8 FOR FIXTURE TYPE, REFER TO FIXTURE SCHEDULE ON E-0.1
- 9 COORDINATE WITH SFPUC FOR REMOVAL OF PG&E STREET LIGHT POLE.

POLE AND EQUIPMENT SCHEDULE (EXISTING POLE AND EQUIPMENT UNLESS OTHERWISE NOTED)

POLE	STANDARD			VEHICLE SIGNAL			PEDESTRIAN SIGNAL			APS	FIXTURE TYPE	SPECIAL REQUIREMENT
	TYPE	SMA	LMA	No.	TYPE	MOUNTING	No.	TYPE	MOUNTING			
A	1-A(10')	—	—	81	3S12"	TV-1-T	88	1S-COUNT	SP-1-T	ø6/8P	—	BACKPLATE
B	15TS	—	8	65	3S12"	SV-1-T	69	1S-COUNT	SP-1-T	—	108 (LED)	BACKPLATE
C	19-2-100	25	8	21 24	3S12" 3S12"	SV-1-T MAS	28	1S-COUNT	SP-1	—	108 (LED)	BACKPLATE
D	PBA POST (5')	—	—	—	—	—	—	—	—	ø8P	—	—
E	1-A(10')	—	—	42 85	3S12" 3S12"	TV-2-T	89	1S-COUNT	SP-1-T	ø2P	—	BACKPLATE
F	15TS	—	8	41	3S12"	SV-1-T	48	1S-COUNT	SP-1-T	ø2P	108 (LED)	BACKPLATE
G	PBA POST (5')	—	—	—	—	—	—	—	—	ø4P	—	—
H	15TS	—	8	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T	—	108 (LED)	BACKPLATE
I	19-2-100	25	8	61 64	3S12" 3S12"	SV-1-T MAS	68	1S-COUNT	SP-1	—	108 (LED)	BACKPLATE
J	PBA POST (5')	—	—	—	—	—	—	—	—	ø4P	—	—
K	PBA POST (5')	—	—	—	—	—	—	—	—	ø6P	—	—
L	15TS	—	8	45 82	3S12" 3S12"	SV-2-TA	49	1S-COUNT	SP-1	—		BACKPLATE

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 12/18/18 18:31, BY: dgargaritano				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Acting Section Mgr: PHILIP THWIN
Deputy Bureau Mgr: FERNANDO CISNEROS
Acting Bureau Mgr: IQBAL DHAPA

DESIGNED: KS/DG 02/2018
DRAWN: KS/DG 02/2018
CHECKED: MV/SL 02/2018



PLAN APPROVAL DATE
CONTRACT No. 04-0G3501
PROJECT ID 0400000325
DISTRICT 04
COUNTY SF
ROUTE 1
POST MILES TOTAL PROJECT R0.94/4.05

19TH AVENUE (STATE ROUTE 1)
COMBINED CITY PROJECT
19TH AVENUE AND LAWTON STREET

CONTRACT NO. 1000005832
DRAWING NO. E-17.0
FILE NO. 111,414
REV. NO.

Xrefs: \S:\SIT\QTR\Orthogrid.dwg
DE1_TBD.dwg
V:\2652\19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\19th_Ave_E_BasePlan-shy.dwg
Model Units: Undefined
Scale: Usgargaritano
Plot Time: Wed, 04 Dec 2019 - 6:40pm