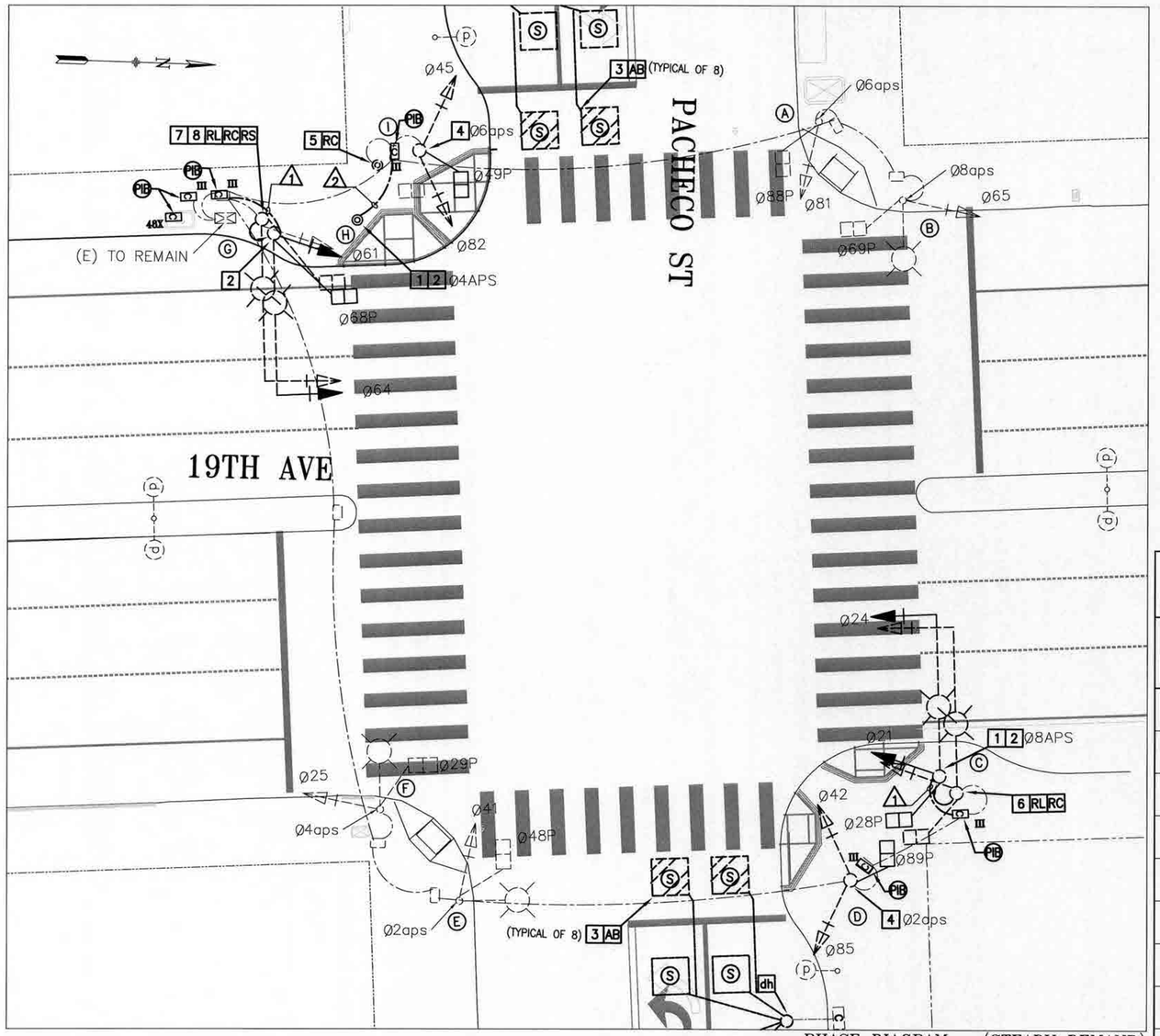


CONDUIT

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

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

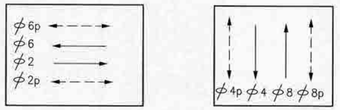
SHEET NOTES

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. ADJUST POLE TO FINISHED GRADE. COUPLE AND EXTEND ANCHOR BOLTS PER REVISED CALTRANS STANDARD PLANS RSP ES–7B DETAIL C.
5. REMOVE AND RC EXISTING POLE, FOUNDATION, AND ASSOCIATED CONDUIT.
6. REUSE AND RL EXISTING MAST ARM POLE AS INDICATED BY POLE C. RL EXISTING STREET LIGHT FIXTURE. RC EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, AND ASSOCIATED CONDUIT. 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 G. RL EXISTING STREET LIGHT FIXTURE. RC EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, AND ASSOCIATED CONDUIT. PROVIDE NEW TRAFFIC SIGNALS AND MOUNTINGS PER POLE AND EQUIPMENT SCHEDULE. PROVIDE TEMPORARY SIGNAL AND LIGHTING AS REQUIRED.
8. CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO RS GTT TRANSIT SIGNAL PRIORITY RADIO AND VDS EQUIPMENT.

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	Ø6P	–	BACKPLATE
B	15TS	–	12	65	3S12"	SV–1–T	69	1S–COUNT	SP–1–T	Ø8P	108 (LED)	BACKPLATE
C	19–2–100	25	12	**21** **24**	**3S12"** **3S12"**	**SV-1-T MAS**	**28**	**1S-COUNT**	**SP-1**	**Ø8P**	108 (LED)	**BACKPLATE**
D	1–A(10')	–	–	42 85	3S12" 3S12"	TV–2–T	89	1S–COUNT	SP–1–T	Ø2P	–	BACKPLATE
E	15TS	–	12	41	3S12"	SV–1–T	48	1S–COUNT	SP–1–T	Ø2P	108 (LED)	BACKPLATE
F	15TS	–	12	25	3S12"	SV–1–T	29	1S–COUNT	SP–1–T	Ø4P	108 (LED)	BACKPLATE
G	19–2–100	25	12	**61** **64**	**3S12"** **3S12"**	**SV-1-T MAS**	**68**	**1S-COUNT**	**SP-1**	–	108 (LED)	**BACKPLATE**
H	**PBA POST (5')**	–	–	–	–	–	–	–	–	**Ø6P**	–	–
I	1–A(10')	–	–	82 45	3S12" 3S12"	TV–2–T	49	1S–COUNT	SP–1–T	Ø6P	–	BACKPLATE

PHASE DIAGRAM: (STEADY DEMAND)



PHASE 2 & 6 PHASE 4 & 8

10 0 10 20
SCALE: 1"=10'–0"

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

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS
THIS DRAWING WAS LAST MODIFIED: 12/18/18 17:56, BY: dgargaritano

REFERENCE INFORMATION & FILE NO. OF SURVEYS

SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO

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

		Date:
Acting Section Mgr:	PHILIP THWIN	12/11/19
Deputy Bureau Mgr:	FERNANDO CISNEROS	12/16/19
Acting Bureau Mgr:	IQBAL DHAPA	12/16/19

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

REGISTERED PROFESSIONAL ENGINEER STEVEN T. LEE NO. E15417 ELECTRICAL STATE OF CALIFORNIA 12/10/19

SCALE:	19TH AVENUE (STATE ROUTE 1) COMBINED CITY PROJECT	CONTRACT NO. 1000005832
AS SHOWN		DRAWING NO. E–13.0
SHEET OF SHEETS 112 OF 356	19TH AVENUE AND PACHECO STREET	FILE NO. 111,409
		REV. NO.

REGISTERED PROFESSIONAL ENGINEER CHRISTOPHER CHIU C 58778 EXP. 6/30/2021 CIVIL STATE OF CALIFORNIA

Xrefs: V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\DE1_TBD.dwg
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V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\19th Ave_N_ROADWAY_Striping.dwg
V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\Y-DSGN-19th Ave_Striping_11-2017.dwg

Drawing Path: V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\E-13.0-Pacheco-Striping.dwg Layout: dgargaritano
Plot Time: Wed, 04 Dec 2019 – 6:33pm Model Units: Undefined
Measurement Units are English