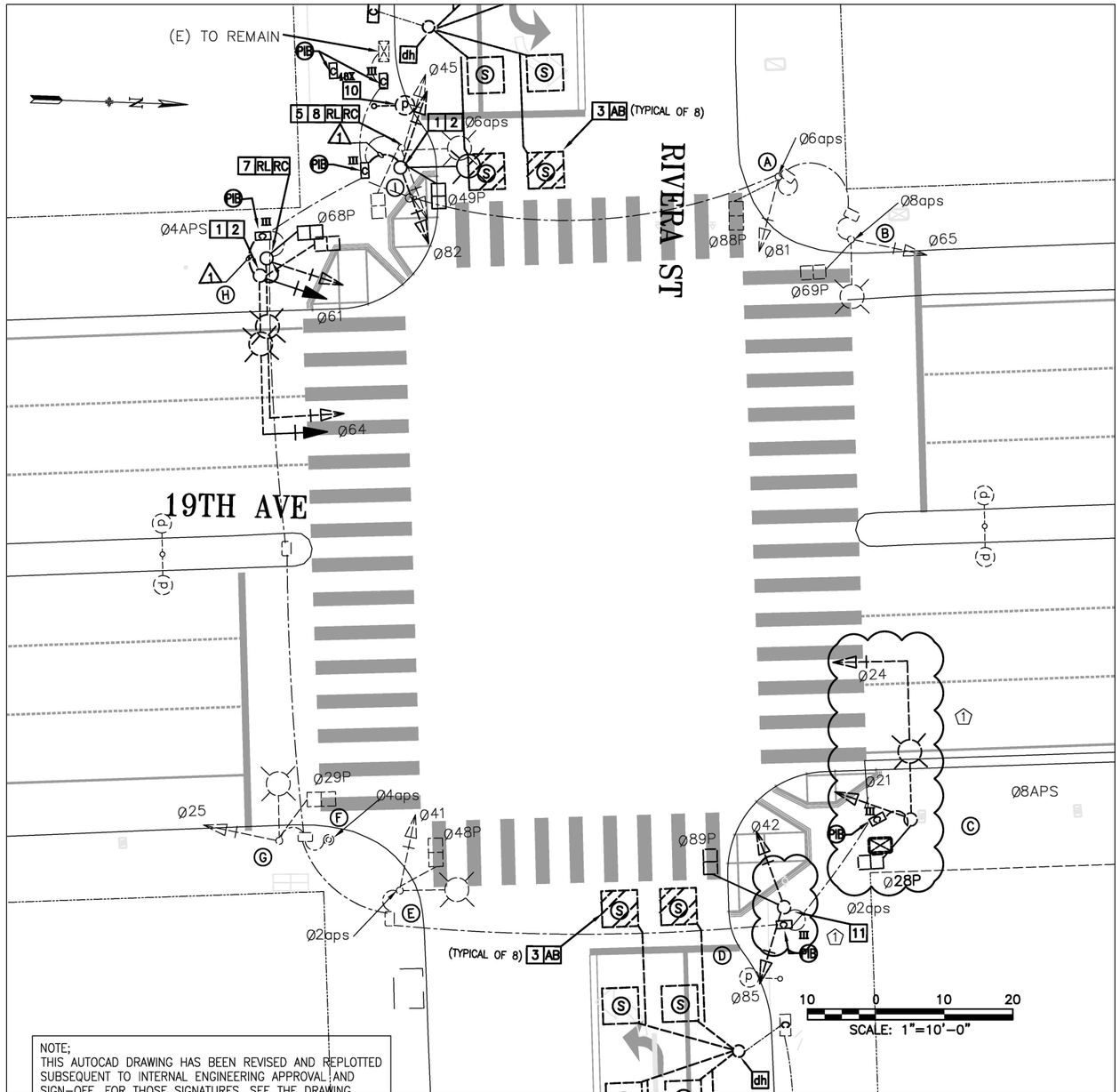


NOTE;
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED 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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

CONDUIT

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

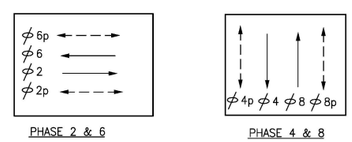
SHEET NOTES

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. NOT USED. (1)
5. REMOVE AND RC EXISTING POLE, FIXTURE, AND FOUNDATION, AND ASSOCIATED CONDUIT. RL EXISTING SIGNALS AND MOUNTINGS TO POLE I.
6. NOT USED. (1)
7. REUSE AND RL EXISTING MAST ARM POLE AS INDICATED BY POLE H 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. CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO RS GTT TRANSIT SIGNAL PRIORITY RADIO EQUIPMENT.
9. FOR FIXTURE TYPE, REFER TO FIXTURE SCHEDULE ON E-0.1
10. COORDINATE WITH SFPUC FOR REMOVAL OF PG&E STREET LIGHT POLE.
11. CONTRACTOR TO ADJUST POLE ELEVATION SUCH THAT 1.5" TO 4" IS PROVIDED BETWEEN FINISHED GRADE AND BOTTOM OF BASE PLATE – .25" THREAD TO REMAIN ABOVE THE BOLT. (1)

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-2-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
(1) C	19-2-100	25	12	21 24	3S12" 3S12"	SV-1-T	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	PBA POST(5')	–	–	–	–	–	–	–	–	ø4P	–	–
G	15TS		12	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T		108 (LED)	BACKPLATE
H	19-2-100	25	12	**61 64**	**3S12" 3S12"**	**SV-1-T MAS**	**68**	**1S-COUNT**	**SP-1**	**Ø4P**	108 (LED)	**BACKPLATE**
I	**15TS**	–	**8**	82 45	3S12" 3S12"	SV-2-TA	49	1S-COUNT	SP-1-T	**Ø6P**	9 AL 108	BACKPLATE

PHASE DIAGRAM: (STEADY DEMAND)



PHASE 2 & 6 PHASE 4 & 8

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.
1	10/28/20	PCO#2 POLE RELOCATION	KS/MA	MV

TABLE OF REVISIONS
THIS DRAWING WAS LAST MODIFIED: 02/24/21 10:10, BY: MAung

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	
Deputy Bureau Mgr:	FERNANDO CISNEROS	
Acting Bureau Mgr:	IQBAL DHAPA	

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

SCALE: AS SHOWN

SHEET OF SHEETS 110 OF 356

19TH AVENUE (STATE ROUTE 1)
COMBINED CITY PROJECT

19TH AVENUE AND RIVERA STREET

CONTRACT NO. 1000005832
DRAWING NO. E-11.0
FILE NO. 111,407
REV. NO. 1

Drawing Path: V:\2652J_19th_Avenue_Combined_City_Project\3_Construction\Design_Team\EEL\19th Ave Pole Relocation\E-11.0-Rivera_02242021.dwg, Xrefs: V:\2652J_19th_Avenue_Combined_City_Project\2_Design\Working_Drawings\EEL\Current\Xref\19TH AVE_E_BASEPLAN-ethy.dwg 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\X-DSGN-19th Ave_Striping_113017.d
Plot Time: Wed, 24 Feb 2021 - 10:11am
Measurement Units are English
Model Units: Undefined