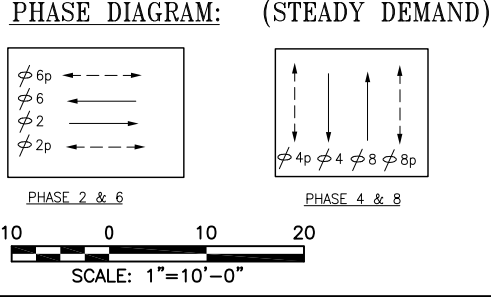


Bid Item:
M-1-13 (x1)
M-2-13 (x1)
M-3-13 (x1)

BID ITEM:
E-1 (x2)
E-5 (x1)
E-9 (x1)
E-10 (x1)
E-11 (x1)
E-12 (x1)
E-29 (x1)
E-39 (x10)

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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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

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

SHEET NOTES

- CONTRACTOR TO PROVIDE WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
- 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.
- CONTRACTOR TO [AB] LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.
- NOT USED.
- REMOVE AND [RC] EXISTING POLE, FOUNDATION, AND ASSOCIATED CONDUIT.
- 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.
- 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.
- CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO [RS] GTT TRANSIT SIGNAL PRIORITY RADIO AND VDS EQUIPMENT.
- 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.

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

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

SCALE: AS SHOWN

SHEET OF SHEETS 112 OF 356

19TH AVENUE (STATE ROUTE 1)
COMBINED CITY PROJECT

19TH AVENUE AND PACHECO STREET

CONTRACT NO. 1000005832

DRAWING NO. E-13.0

FILE NO. 111,409

REV. NO. 1

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 08:31, BY: MAUNG				

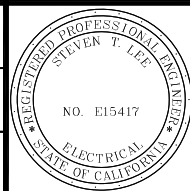
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
CITY & 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



Drawing Path: V:\26521_19th_Avenue_Combined_City_Project\3_Construction\Design_Team\19th_Avenue_Pole_Relocation\State-Route-1\19th_Avenue_Pole_Relocation.dwg, Login: MAUNG
Plot Time: Wed, 24 Feb 2021 - 8:32am
Model Units: Undefined