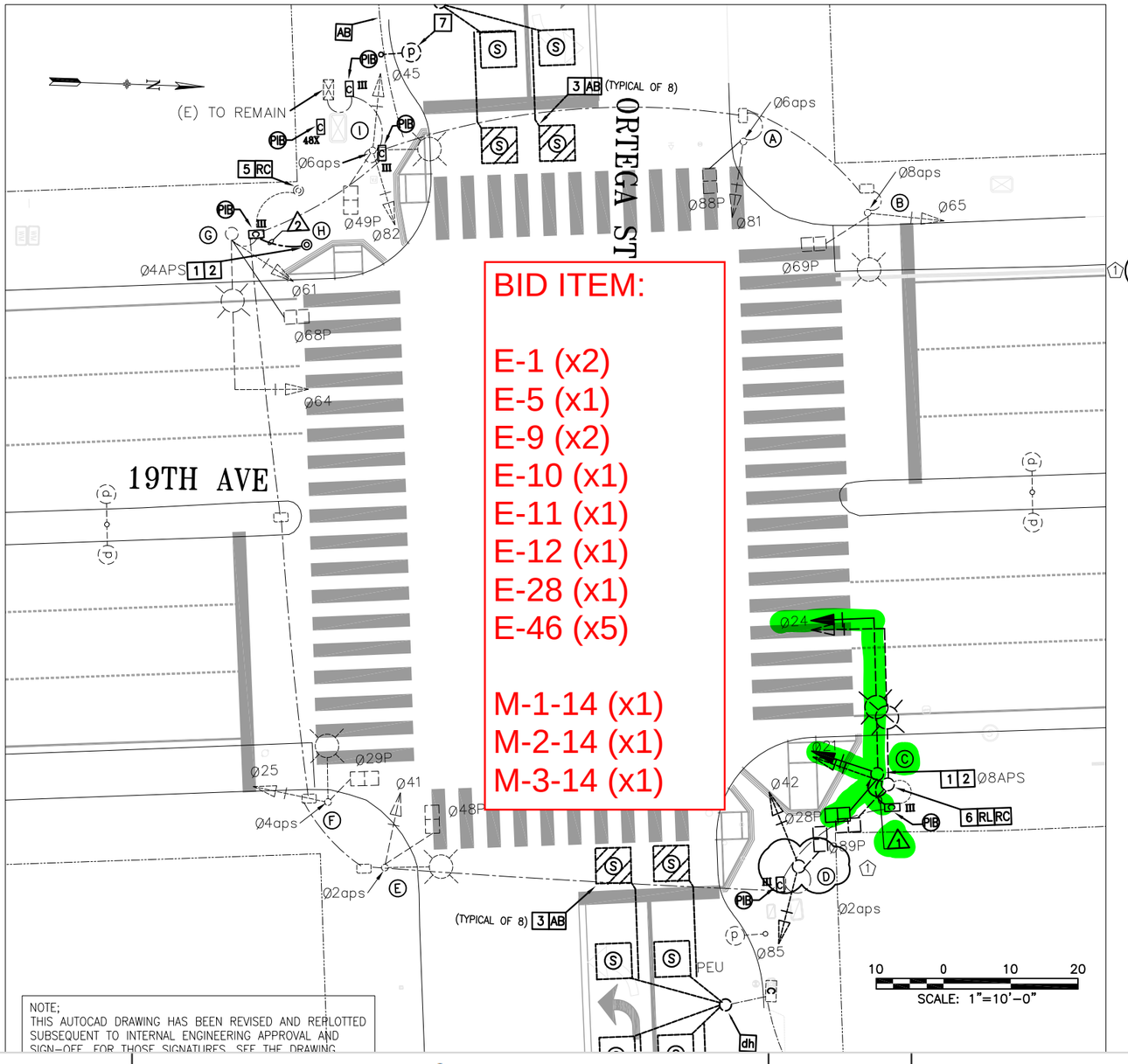

BID ITEM:

E-1 (x2)
E-5 (x1)
E-9 (x2)
E-10 (x1)
E-11 (x1)
E-12 (x1)
E-28 (x1)
E-46 (x5)

M-1-14 (x1)
M-2-14 (x1)
M-3-14 (x1)

NOTE;
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING

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 APS 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.
5. REMOVE AND RC EXISTING POLE, FOUNDATION, AND ASSOCIATED CONDUIT.
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. 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	ø6P	–	BACKPLATE
B	15TS	–	8	65	3S12"	SV-1-T	69	1S-COUNT	SP-1-T	ø8P	108 (LED)	BACKPLATE
C	19-2-100	25	8	**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	–	8	41	3S12"	SV-1-T	48	1S-COUNT	SP-1-T	ø2P	108 (LED)	BACKPLATE
F	15TS	–	8	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T	ø4P	108 (LED)	BACKPLATE
G	19-2-100	25	8	61 64	3S12" 3S12"	SV-1-T MAS	68	1S-COUNT	SP-1-T	–	108 (LED)	BACKPLATE
H	**PBA POST (5')**	–	–	–	–	–	–	–	–	**Ø4P**	–	–
I	15TS	–	8	45 82	3S12" 3S12"	SV-2-T	49	1S-COUNT	SP-1	ø6P	108 (LED)	BACKPLATE

Pole	Base Plate Data				Cage Size	Foundation Size
	Plate Size	Bolt Circle	Thickness	Anchor Bolt Size		
PPB	7"	7"	1/2"	5/8"x12"	No Cage	18"x18"
19-2-100	18"	17.5"	1.5"	2"x42"	36" x 9'6"	42"x10'

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 11:02, 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

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

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

REGISTERED PROFESSIONAL ENGINEER — STEVEN T. LEE — NO. E15417 — ELECTRICAL — STATE OF CALIFORNIA

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: 113 OF 356

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

CONTRACT NO. 1000005832
DRAWING NO. E-14.0
FILE NO. 111,410
REV. NO. 1

Xrefs: ..\DE1_TBD.dwg
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Drawing Path: V:\2652J_19th_Avenue_Combined_City_Project\3_Construction\Design_Team\EEL\19th Ave Pole Relocation_02242021.dwg
Plot Time: Wed, 24 Feb 2021 - 11:10am
Model Units: Undefined
Measurement Units are English