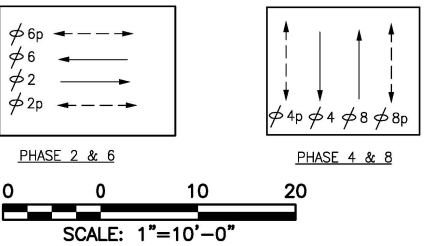


NOTE:  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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

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 CONTACT SFMTA SIGNAL SHOP 5 DAYS PRIOR TO CONSTRUCTION TO [RS] GTT TRANSIT PRIORITY RADIO EQUIPMENT.
- 5 REUSE AND [RL] EXISTING MAST ARM POLE AS INDICATED BY POLE G 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.
- 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 ADJUST POLE TO FINISHED GRADE. COUPLE AND EXTEND ANCHOR BOLTS PER REVISED CALTRANS STANDARD PLANS RSP ES-7B DETAIL C.
- 8 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	15TS	-	8	81	3S12"	SV-1-T	88	1S-COUNT	SP-1-T	Ø6P 108 (LED) 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	1-A(10')	-	-	41	3S12"	TV-1-T	48	1S-COUNT	SP-1-T	Ø2P - 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	- 108 (LED) BACKPLATE
H	1-A(10')	-	-	45 82	3S12" 3S12"	TV-2-T	49	1S-COUNT	SP-1-T	Ø6P - BACKPLATE
I	PBA POST (5')	-	-	-	-	-	-	-	-	Ø4P - -

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



DESIGNED: DATE: KS/DG 03/2017  
DRAWN: DATE: KS/DG 02/2018  
CHECKED: DATE: MV/SL 02/2018

SCALE: AS SHOWN  
SHEET OF SHEETS 111 OF 356

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

CONTRACT NO. 1000005832  
DRAWING NO. E-12.0  
FILE NO. 111,408  
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 10:51, 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

Xrefs: ..\DE1\_TBD.dwg  
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V:\2652\19th\_Avenue\_Combined\_City\_Project\2\_Design\Working\Drawings\City\19th\_Ave\_N\_Roadway\_Striping.dwg  
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Plot Time: Wed, 24 Feb 2021 - 10:57am  
Model Units: Undefined  
Login: Maung