



PHASE DIAGRAM: (STEADY DEMAND)

Pole	Base Plate Data				Cage Size	Foundation Size
	Plate Size	Bolt Circle	Thickness	Anchor Bolt Size		
24-3-100	18"	17.5"	1.5"	2"x42"	36"x11'6"	42"x12'

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 09:57, BY: MAung				

REFERENCE INFORMATION & FILE NO. OF SURVEYS



Acting Section Mgr:	PHILIP THWIN	Date:	
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



SCALE:
AS SHOWN
SHEET OF SHEETS
107 OF 356

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

CONTRACT NO. 1000005832
DRAWING NO. E-8.0
FILE NO. 111,404
REV. NO. 1

CONDUIT

- 1 F/I 1-2" GRS; WIRING PER SHEET NOTE 6.

SHEET NOTES

- 1 CONTRACTOR TO [AB] LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.
- 2 ADJUST POLE TO FINISHED GRADE. COUPLE AND EXTEND ANCHOR BOLTS PER REVISED CALTRANS STANDARD PLANS RSP ES-7B DETAIL C.
- 3 COORDINATE WITH SFPUC FOR REMOVAL OF PG&E STREET LIGHT POLE.

- 4 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.
- 5 FOR FIXTURE TYPE, REFER TO FIXTURE SCHEDULE ON E-0.1
- 6 CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.
- 7 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.

POLE AND EQUIPMENT SCHEDULE (EXISTING POLE AND EQUIPMENT UNLESS OTHERWISE NOTED)

POLE	STANDARD			VEHICLE SIGNAL			PEDESTRIAN SIGNAL			APS	FIXTURE TYPE	SPECIAL REQUIREMENT
			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	1-A(10')	-	-	21	3S12"	TV-1-T	28	1S-COUNT	SP-1-T	Ø8P	-	BACKPLATE
D	24-3-100	35	8	42 85 24	3S12" 3S12" 3S12"	SV-2-T MAS	89	1S-COUNT	SP-1-T	Ø2P	5 108	BACKPLATE
E	1-A(10')	-	-	41	3S12"	TV-1-T	48	1S-COUNT	SP-1-T	Ø2P	-	BACKPLATE
F	PBA POST (5')	-	-	-	-	-	-	-	-	Ø4P	-	-
G	15TS	-	8	25	3S12"	SV-1-T	29	1S-COUNT	SP-1-T	-	108 (LED)	BACKPLATE
H	19-2-100	25	8	61 64	3S12" 3S12"	SV-1-T MAS	68	1S-COUNT	SP-1-T	-	108 (LED)	BACKPLATE
I	PBA POST (5')	-	-	-	-	-	-	-	-	Ø4P	-	-
J	1-A(10')	-	-	45 82	3S12" 3S12"	TV-2-T	49	1S-COUNT	SP-1-T	Ø6P	-	BACKPLATE

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.

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