

Changes per
SRC 2020-225
completed 8/27/2020
-J. Tom

POLE AND EQUIPMENT SCHEDULE									
POLE NO.	TYPE OF POLE	LUMEC GPLM WATTAGE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS
			NO.	TYPE	MOUNTING	NO.	TYPE	MOUNTING	
1	1-A (10')					28	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 28.
2	19-4-100 WITH 25-FT MAST ARM		41 62 44	3S12" 3S12"FYLA 3S12"	SV-2-TA MAS	49	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 49. VEHICLE SIGNAL 44 TO BE LOUVERED. VEHICLE SIGNAL 44 TO HAVE BACKPLATE. F/I WIRELESS DETECTION SSP DIGITAL RADIO;
3	CITY STANDARD STREETLIGHT	164W	61 25	3S12"FYLA 3S12"RA-	SV-2-TA	48	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 48.
4	1-A (10')		67	3S12"FYLA	TV-1-T	69	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 69.
5	1-A (10')					68 88	1S-LED 1S-LED	SP-1 SP-1	WIRE APS UNIT TO PED SIGNAL 68.
6	PPB POLE								WIRE APS UNIT TO PED SIGNAL 88.
7	MUNI POLE					89	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 89.
8	16-2-100 WITH 15-FT MAST ARM		21 42 47	3S12" 3S12" 3S12"	SV-2-TA MAS	29	1S-LED	SP-1	WIRE APS UNIT TO PED SIGNAL 29. VEHICLE SIGNAL 47 TO BE LOUVERED. VEHICLE SIGNAL 47 TO HAVE BACKPLATE.

NOTES

- ALL PVC CONDUITS SHALL HAVE A 1#6 (BSCW) GROUND WIRE. F/I GROUND ROD AND GROUNDING LAYOUT AS SHOWN ON SPDPWSF #88,739.
- SPLICING OF GROUND WIRE SHALL BE PER SPDPWSF #87,204.
- SERVICE CONNECTIONS SHALL BE MADE PER SPDPWSF #87,203. IF THE PLAN REQUIRES FUSING IN A PULL BOX FOR IC SERVICE, THIS IS THE POINT THE NEUTRAL IS BONDED TO THE GROUND.
- CONTRACTOR SHALL COORDINATE WITH PG&E VIA TPA FOR SERVICE CONNECTION WORK PRIOR TO START OF CONSTRUCTION. LOCATION OF PG&E SERVICE POINT IS UNDETERMINED AND SUBJECT TO CHANGE.
- ALL PULL BOXES SHOWN ARE CCSF/SFMTA TYPE III, UNLESS OTHERWISE INDICATED.

SHEET NOTES

- CONTRACTOR TO INSTALL TYPE 2070LXN2 CONTROLLER UNIT (PROCURED FROM CITY).
CONTRACTOR TO INSTALL TYPE M-SF TALL CABINET AND ASSEMBLY (PROCURED FROM CITY) AND CONSTRUCT AN M-SF TALL CONTROLLER CABINET FOUNDATION AND ANCHOR BOLTS. DOOR TO OPEN AWAY FROM INTERSECTION.
CONTRACTOR TO INSTALL BATTERY BACK-UP SYSTEM (AS SPECIFIED BY CITY), CAPABLE OF FITTING INSIDE THE CONTROLLER CABINET.
- CONTRACTOR TO INSTALL WIRELESS VEHICLE DETECTION SYSTEM (PROCURED FROM CITY). A DRAWING SHOWING THE LAYOUT OF THE SENSORS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

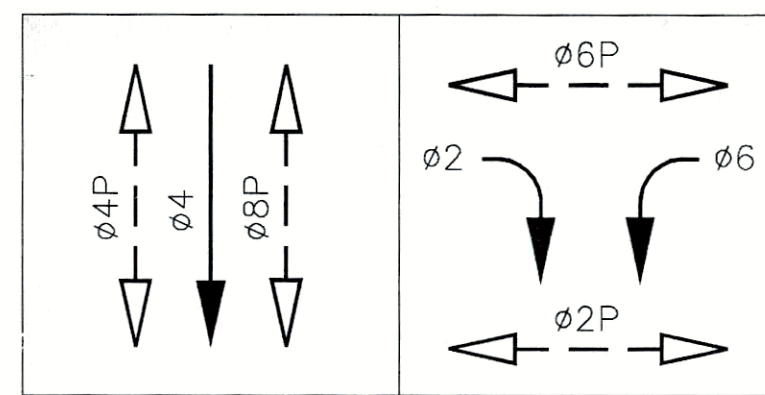
FLASH 6/27/2019 (10:32AM)

SFMTA
Wei Sheng Zhang
Robert Donohoe
Cynthia Hui
Steven Wong
Stephanie Chan

3-COLOR 6/30/2019 (9:40AM)

SFMTA
Wei Sheng Zhang
Alan Coughlan

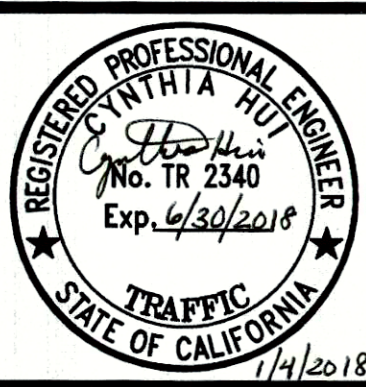
PROPOSED PHASE DIAGRAM



NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



SFMTA
Municipal Transportation Agency



DRAWN:	DATE:
S WONG	1/2018
CHECKED:	DATE:
C HUI	1/2018

APPROVED	DATE:
January 9 2018	
SENIOR ENGINEER	DATE:
1/9/18	
CITY TRAFFIC ENGINEER	DATE:

SCALE:
AS SHOWN
SHEET/SHEETS:

TRANSBAY TRANSIT CENTER PROGRAM
FIRST STREET AND MINNA STREET TRAFFIC SIGNAL WORK

CONTRACT NO.
DRAWING NO. ET-1.0
FILE NO.
REV. NO. 0



FILE NAME:
DATE: --/--/--


CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)																																					
CONDUIT RUN NUMBER		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29							
CONDUIT SIZE (INCH)		2	1	2	2	2	2	3	2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	1.5	1.5	1.5	2	2	2	2							
									SP		SP						SP		SP		SP				GRS	GRS	GRS	PVC	1	1	1						
NOTES																																					
	PED SIGNAL 68	2		2		2		2		2																											
	PED SIGNAL 88	2		2		2		2		2																											
	APS PPB FOR 1ST ST ON POLE 5	2		2		2		2		2																											
	APS PPB FOR DRIVEWAY ON POLE 6		2	2		2		2		2																											
	PED SIGNAL 89				2	2		2		2																											
	APS PPB FOR DRIVEWAY ON POLE 7				2	2		2		2																											
	VEHICLE SIGNAL 21						3	3		3																											
	VEHICLE SIGNAL 42						3	3		3																											
	VEHICLE SIGNAL 47						3	3		3																											
	PED SIGNAL 29						2	2		2																											
	APS PPB FOR 1ST ST ON POLE 8						2	2		2																											
	PED SIGNAL 69											2	2			2																					
	APS PPB FOR 1ST ST ON POLE 4											2	2			2		2																			
	VEHICLE SIGNAL 25													3	3		3																				
	VEHICLE SIGNAL 61													3	3		3																				
	PED SIGNAL 48													2	2		2																				
	APS PPB FOR MINNA ST ON POLE 3													2	2		2																				
	VEHICLE SIGNAL 41																3		3																		
	VEHICLE SIGNAL 44																3		3																		
	VEHICLE SIGNAL 62																3		3																		
	PED SIGNAL 49																2		2																		
	APS PPB FOR MINNA ST ON POLE 2																2		2																		
	PED SIGNAL 28																2					2															
	APS PPB FOR 1ST ST ON POLE 1																2					2															
	CCTV – COAXIAL CABLE													1	1		1																				
	CCTV – CAMERA POWER CABLE													1	1		1																				
	CCTV – 4-CONDUCTOR CABLE													1	1		1																				
	WIRELESS DETECTION – ETHERNET CABLE																1		1																		





SHEET NOTES:

1 F/I 4-2" POLYETHYLENE SCHEDULE 80 CONDUIT WITH 3/8" PULL TAPE. IN ONE OF THE EMPTY CONDUITS, INSTALL TWO #8 AWG STRANDED COPPER LOCATING WIRES (ONE WITH BLACK INSULATION AND THE OTHER WITH WHITE INSULATION). SEE SPEC 34 41 13 IN CONTRACT SPECIFICATIONS.

NO.	DATE	DESCRIPTION	BY	APP
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S WONG

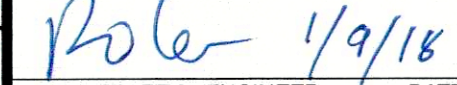
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SENIOR ENGINEER

DATE:
January 9 2018


CITY TRAFFIC ENGINEER

DATE:
1/9/18

SCALE:
AS SHOWN

SHEET/SHEETS:

TRANSBAY TRANSIT CENTER PROGRAM

FIRST STREET AND MINNA STREET
CONDUIT AND WIRING SCHEDULE

CONTRACT NO.

DRAWING NO.
ET-1.1

FILE NO.

REV. NO.
0

FILE NAME: ---/---/---
DATE: ---/---/---