

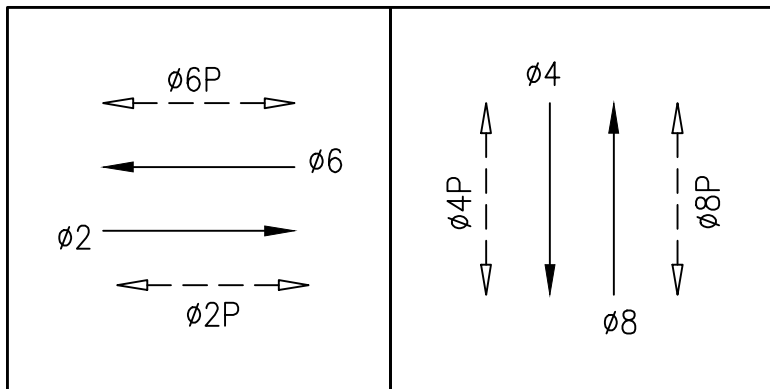
CXL: Switchover on 10/6/2015 10:06AM.

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	CITY STANDARD STREET LIGHT		81	POLY-3S12"	SV-1-T	T		88	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE 2 APS'S
②	1-A (10')		22	POLY-3S12"	TV-1-T	T		69	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE
③	19-1-100 W/ 8' MAST ARM & 6' LMA		21	POLY-3S12"	SV-1-T	T		28	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE APS
			24	POLY-3S12"	MAS	T					BACKPLATE
④	1-A (10')		42	POLY-3S12"	TV-1-T	T		89	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE APS
⑤	CITY STANDARD STREET LIGHT		41	POLY-3S12"	SV-1-T	T		48	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE APS
⑥	1-A (10')		62	POLY-3S12"	TV-1-T	T		29	POLY-1S-COUNT	SP-1	MOUNT NIPPLES 45° TOWARDS PROPERTY LINE APS
⑦	1-A (10')		61	POLY-3S12"	TV-1-T	T		68	POLY-1S-COUNT	SP-1	APS
⑧	1-A (10')		82	POLY-3S12"	TV-1-T	T		49	POLY-1S-COUNT	SP-1	APS
⑨	16-1-100 W/ 8' MAST ARM		64	POLY-3S12"	MAS	T					BACKPLATE

DETAIL NOTES:

- A CONTROLLER SERVICE POINT IS A PG&E WOOD POLE AT NORTHWEST CORNER. F/I PG&E PULL BOX AND CONDUIT FOR PG&E SERVICE WIRES AS SHOWN. F/I EXTERNAL RISER (APPROXIMATELY 1' HIGH) ON PG&E WOOD POLE; PG&E STAFF WILL COMPLETE THE RISER CONNECTION. PAYMENT FOR PG&E BOX AND SHORT CONDUIT RUN/EXTERNAL RISER FROM PG&E BOX TO WOOD POLE SHALL BE MADE THROUGH THE LUMP SUM WIRING BID ITEM. CONTRACTOR SHALL COORDINATE WITH PG&E THROUGH SFPUC (BHASKAR GOSWAMI (415) 554-3135) FOR FINAL POWER SERVICE CONNECTION. TEN DAYS NOTICE IS REQUIRED.
- B CONTRACT SHALL PROVIDE 40A INLINE FUSE AND FUSE HOLDER FOR TRAFFIC SIGNAL SERVICE DISCONNECT AND 30A INLINE FUSE & FUSE HOLDER FOR STREETLIGHT DISCONNECT IN FIRST PULL BOX NEXT TO THE NEW PG&E SERVICE.
- C CONTRACTOR TO INSTALL CITY FURNISHED INTERSECTION TRAFFIC SIGNAL CONTROLLER CABINET.
- D CONTRACTOR TO INSTALL APS WIRING AS INDICATED IN CONDUIT AND WIRING SCHEDULE. CITY FORCES TO INSTALL AND ACTIVATE APS BUTTONS ON POLES AS SHOWN ON INTERSECTION DRAWING AND AS INDICATED IN POLE & EQUIPMENT SCHEDULE.
- E EXISTING STOP SIGN AND PAVEMENT MARKING TO BE REMOVED BY CITY FORCES BEFORE SIGNAL ACTIVATION.
- F POLYCARBONATE TYPE OF SIGNAL IS REQUIRED FOR THIS INTERSECTION.
- G STREET NAME SIGNS TO BE RELOCATED TO NEARBY POLE BY CITY FORCES BEFORE SIGNAL ACTIVATION. COORDINATE WITH PG&E THROUGH SFPUC (BHASKAR GOSWAMI (415) 554-3135) FOR PG&E STREETLIGHT POLE REMOVAL ONCE NEW STREETLIGHT HAS BEEN INSTALLED AND OPERATIONAL.
- H CONSTRUCT A CONCRETE PAD AROUND PULL BOX AND POLE FOUNDATION. CONCRETE PAD DIMENSIONS SHALL BE 6' L X 6' W X 3 1/2" H AND F'C SHALL BE 2500 PSI (28 DAY ULTIMATE COMPRESSION STRESS).
- I CITY FORCES TO INSTALL SENSYS WIRELESS SENSORS
- J F/I 10A INLINE FUSE AND FUSE HOLDER FOR STREETLIGHT.
- Y MAST ARM PLUMBIZER SHALL BE INSTALLED BETWEEN GREEN AND YELLOW SIGNAL HEAD.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	FULTON ST (EB & WB) - ø2 & ø6
R	G	Y	47th AVE (SB & NB) - ø4 & ø8
WM	FRH	RH	PED XING 47th AVE (SS & NS) - ø2P & ø6P
RH	WM	FRH	PED XING FULTON ST (WS & ES) - ø4P & ø8P

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.

NO.	DATE	DESCRIPTION	BY	APP.
①	04/15	PCO #2 ADD MAST ARM SIGNAL FOR EB & WB.	CXL/ZH	SL

TABLE OF REVISIONS

REFERENCE INFORMATION & FILE NO. OF SURVEYS



INFRASTRUCTURE DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: CXL/WC 3/14	APPROVED
DRAWN: DATE: DNM/WC 07/11/14	SECTION MANAGER DATE:
CHECKED: DATE: CMH/SL 07/11/14	DEPUTY DIVISION MANAGER DATE:
	DIVISION MANAGER DATE:

SCALE:
AS SHOWN
SHEET OF SHEETS
18 OF 44

TRANSIT SIGNAL IMPROVEMENT PROJECT
47TH AVE AND FULTON ST TRAFFIC SIGNAL WORK

CONTRACT NO. 2419J
DRAWING NO. E-5.0
FILE NO. 98,626
REV. NO. 1

