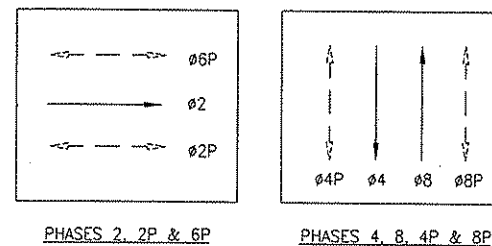


POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		VOLTAGE/ WATTS	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	1-A (10')		81	3S8"	TV-1	T		88	1S-COUNT	SP-1	
②	17B-1-70 20' MASTARM 6' LUMINAIRE	120V/150W	24	3S12"	MAS	T		69	1S-COUNT	SP-1	BACKPLATE T
			22	3S8"	SV-1-T	T					
③	1-A (10')		21	3S8"	TV-1	T		28	1S-COUNT	SP-1	
④	1-A (10')		42	3S8"	TV-1	T		89	1S-COUNT	SP-1	
⑤	1-A (10')		41	3S8"	TV-1	T		29	1S-COUNT	SP-1-SF (12")	
								48	1S-COUNT	SP-1 (22")	
⑥	1-A (10')		82	3S8"	TV-1	T		49	1S-COUNT	SP-1	
								68	1S-COUNT	SP-1	

PHASE DIAGRAM:



PHASE SEQUENCE:

G	Y	R			BUSH ST.
R		G		Y R	SCOTT ST.
RH		WM	FRH	RH	PED XING BUSH ST
WM	FRH	RH			PED XING SCOTT ST.

SWITCH OVER: 2-10-04 @ 11:14 AM (3 COUNTS)

NEW SERVICE POINT ACTIVATED ON 11/27/06

DETAIL NOTES:

- A4 R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP END(S). ABANDON CONDUIT IN PLACE.
- B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SPDPSF FILE #49,092.
- H DTIS SHALL RELOCATE FIRE/POLICE ALARM PULL STATION. CONTRACTOR SHALL COORDINATE WITH TERRY ELISAIA OF DTIS (TEL.#415-550-2723) 10 DAYS BEFORE COMMENCEMENT OF WORK AT THE CORNER.
- I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.

- J F/I GUARD POST PER SPDPSF FILE #LA-021. EXCEPT GUARD POST SHALL BE 6" N.D.
- L5 CONTRACTOR SHALL COORDINATE WITH WALLY SUN OF HETCH HETCHY AT (415) 554-1873 TO DISCONNECT EX PG&E IC SERVICE WIRING. R/C EXISTING WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP END(S). ABANDON CONDUIT IN PLACE.
- L6 F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE.
- L7 COORDINATE WITH PG&E VIA WALLY SUN OF HETCH HETCHY AT (415) 554-1873 FOR CONNECTION WORK.
- T CONTRACTOR SHALL COORDINATE WITH ENGINEER TO CONTACT METRICOM INC. REPRESENTATIVE @408-282-3035 TO REMOVE THE ANTENNAS ON STREET LIGHT POLE.

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.
12/02	PCO-3: VARIOUS	TP	BC	
10/02	PCO-1: NEW SERVICE	TP	BC	

CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: GD/LS/TP 3/02	DATE:	APPROVED:	DATE:
DRAWN: JN/JS 3/02	DATE:	SECTION MANAGER:	DATE:
CHECKED: STL/DSB 3/02	DATE:	DIVISION MANAGER:	DATE:
		CITY ENGINEER:	DATE:

SCALE:	1" = 10'
SHEET OF SHEETS:	17 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE	
BUSH ST AND SCOTT ST	

SPECIFICATION NO.	0286J
DRAWING NO.	E-6.0
FILE NO.	78209
REV. NO.	2

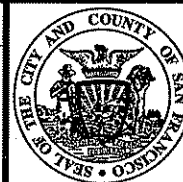
CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)

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
CONDUIT SIZE (INCH)	2	2	2	2	2	3	2	3	2	1.5	1.5	2	2	2	2	3	2	2	2	2	2	2	3	2
CONDUIT SIZE (mm)	53	53	53	53	53	77	53	77	53	41	41	53	53	53	77	53	53	53	53	53	53	77	53	
NOTES							NOT USED	SP		GRSC	GRSC					SP							SP	
VEH. SIGNAL 21	3		3		3	3											1							1
PED. SIGNAL 28	2		2		2	2																		
VEH. SIGNAL 42		3	3		3	3																		
PED. SIGNAL 89		2	2		2	2																		
PED. SIGNAL 29				2	2	2																		
VEH. SIGNAL 41				3	3	3																		
PED. SIGNAL 48				2	2	2																		
VEH. SIGNAL 22									3				3		3									
VEH. SIGNAL 24									3				3		3									
PED. SIGNAL 69									2				2		2									
VEH. SIGNAL 81												3	3		3									
PED. SIGNAL 88												2	2		2									
PED. SIGNAL 49															2	2								
PED. SIGNAL 68															2	2								
VEH. SIGNAL 82															3	3								
#14 NEUTRAL	2	2		3					3			2		3										
#14 SPARE			3		3	3							3		3									
TOTAL #14 WIRES	7	7	13	10	20	20			11			7	16	10	23									
#10 WIRES NEUTRAL			1		2	2							1		1									
#10 WIRES STREET LIGHT									2															
#8 WIRES STREET LIGHT										2	2													
#8 WIRES (120 V SERVICE)																	2							2
#6 BSCW																	1							1
INTERCONNECT 12C CABLE									3										2	1	2	1		
DLW (DETECTOR LOOP WIRE)																								
DLC (DETECTOR LED-IN-CABLE)																								
PRE-EMPTION																								

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.

NO.	DATE	DESCRIPTION	BY	APP.
10/02	PCO-1: NEW SERVICE	TP	BC	
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: 3/02
LS/TP
DRAWN: DATE: 3/02
LS
CHECKED: DATE: 3/02
STL/DSB

APPROVED
SECTION MANAGER DATE:
DIVISION MANAGER DATE:
CITY ENGINEER DATE:

SCALE:
NONE
SHEET OF SHEETS
18 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE

BUSH ST AND SCOTT ST SCHEDULE

SPECIFICATION NO. 0286J
DRAWING NO. E-6.1
FILE NO. 78210
REV. NO. 1