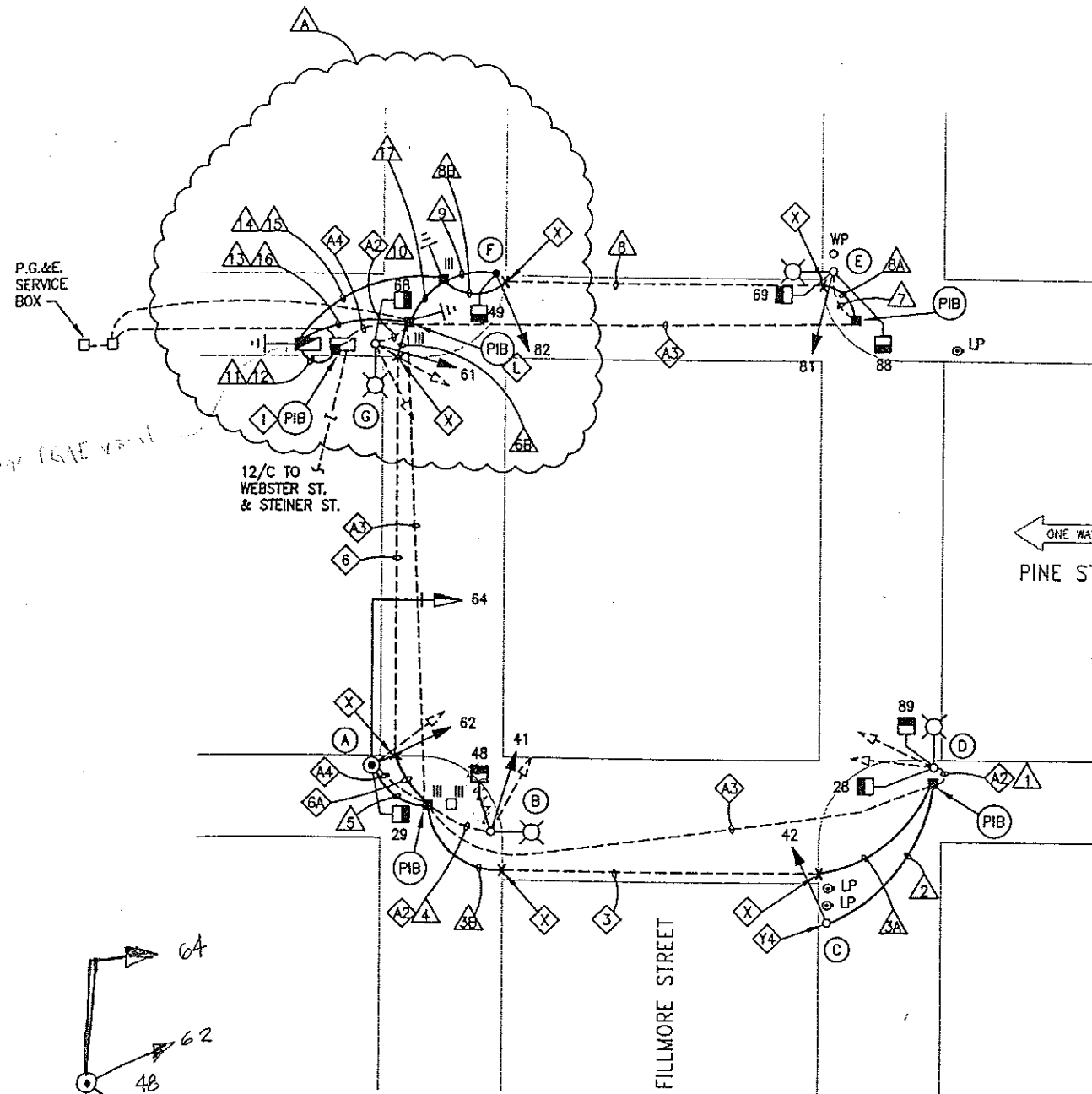


SWITCHOVER COMPLETED ON 1/30/2002 -BBD

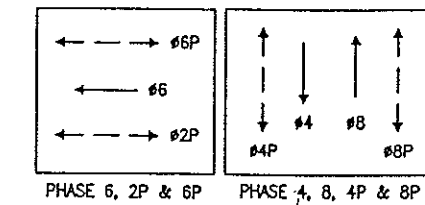
FLASH C 943AM
3-COLOR C 945 AM



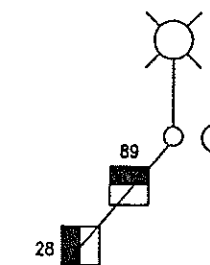
PHASE SEQUENCE

G	Y	R	PINE
R	G	Y	FILLMORE
WM	FRH	RH	PEDS XING FILLMORE
RH	WM	FRH	PEDS XING PINE

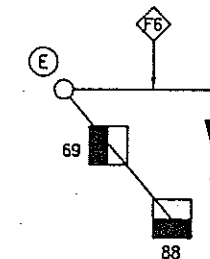
PHASE DIAGRAM



MOUNTING DETAIL FOR POLE "D" (SP-2-T-SFA) (NO SCALE)



MOUNTING DETAIL FOR POLE "E" (NO SCALE)



DETAIL NOTES:

- A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- A3 EX CONDUIT AND WIRING. R/C EX TS WIRING. EX SL WIRING TO REMAIN.
- A4 EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- F5 SV-1-T WITH LEFT-SIDE OFFSET.
- F6 SV-1-T WITH RIGHT-SIDE OFFSET.
- I EXTEND 12/C INTERCONNECT TO NEW LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- X EX 2 1/2" GRSC TERMINATED AND CAPPED 1 FT INSIDE EACH CURB. THE LOCATION OF THE EX CONDUIT IS MARKED WITH A "T" AT THE CURB. F/I 2 1/2" CONDUIT TO EXTEND THE EX CONDUIT TO NEW PULL BOX LOCATIONS AS SHOWN ON THIS DWGS.
- Y4 F/I EXTERNAL GRSC

NO. DATE 5/22/01 PCO #1 MSF & HOMERUN DESCRIPTION BY APP.		REFERENCE INFORMATION & FILE NO. OF SURVEYS SL SL BY APP.				BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO				DESIGNED: DATE: BD/EF 7/2000 DRAWN: DATE: MJ/RT 7/2000 CHECKED: DATE: NKS 7/2000		APPROVED SECTION MANAGER DATE: DIVISION MANAGER DATE: CITY ENGINEER DATE:		SCALE: 1"=10' SHEET OF SHEETS 40 OF 62		PINE STREET TRAFFIC SIGNAL UPGRADE FILLMORE AND PINE STREETS		SPECIFICATION NO. 1986N DRAWING NO. E-39 FILE NO. 74480 REV. NO.	
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TABLE OF REVISIONS
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

ORIGIN ELECTRICAL
SCALE FACTOR: 1
PLOT SCALE: 1"=1'

EXTERNAL REFERENCES: T&E 22.449
FONTS USED: ROMAN ROMANS.ROM ROMANT 14

FILE NAME: E-39.dwg
DATE: May 22 2001 10:45

CONDUIT AND WIRING SCHEDULE																				
CONDUIT RUN NUMBER	1	2	3	3A	3B	4	5	6	6A	6B	7	8	8A	8B	9	10	11	12	13	14
CONDUIT SIZE (INCH)	EX	2	EX	2 1/2	2 1/2	EX	2	EX	2 1/2	2 1/2	EX	EX	2 1/2	2 1/2	2	EX	2	2	3	3
CONDUIT SIZE (mm)																				
NOTES	A2					A2					A2					A2	PVC 80	PVC 80	PVC 80	PVC 80
#14 WIRES																				
SIGNAL 28	2		2	2	2			2	2	2								2		
SIGNAL 89	2		2	2	2			2	2	2								2		
SIGNAL 42		3	3	3	3			3	3	3								3		
SIGNAL 41						3		3	3	3								3		
SIGNAL 48						2		2	2	2								2		
SIGNAL 62							3	3	3	3								3		
SIGNAL 64							3	3	3	3								3		
SIGNAL 29						2	2	2	2	2								2		
SIGNAL 81											3	3	3	3					3	
SIGNAL 88											2	2	2	2					2	
SIGNAL 69											2	2	2	2					2	
SIGNAL 82															3				3	
SIGNAL 49															2				2	
SIGNAL 61																3			3	
SIGNAL 68															2				2	
SPARE			3	3	3			3	3	3			3	3	3				3	3
#14 WIRES NEUTRAL	2	1				2	3				3				2	2				
TOTAL #14 WIRES	6	4	10	10	10	7	11	23	23	23	10	10	10	10	7	7		28	15	
#10 WIRES NEUTRAL			1	1	1			2	2	2			1	1	1				2	2
#8 WIRES (120V SERVICE)																2				
#8 WIRES (STREET LTO)																				
#6 BSCW																1				
12 CONDUCTOR CABLE																	2			
1/4"(6.35mm)PULL ROPE			1	1	1			1	1	1			1	1	1				1	1

POLE AND EQUIPMENT SCHEDULE									
POLES		LUMINAIRE (HPS)	VEHICULAR SIGNALS			PEDESTRIAN SIGNALS			REMARKS
POLE ID	TYPE	VOLTAGE/WATTS	NO	TYPE	MOUNTING (F/I)	NO	TYPE	MOUNTING (F/I)	
A	16-1-70 20' MASTARM		64 62	3S12" 3S8" V3	MAS SV-1-T	29	1S-IN	SP-1	BACKPLATE
B	EX SL		41	3S8" V1	SV-1-T	48	1S-IN	SP-1-T	F5
C	EX SL		42	3S8" V1	SV-1-T				
D	EX SL					28 89	1S-IN 1S-IN	SP-2-T-SFA	
E	EX SL		81	3S8" V1	SV-1-T	69 88	1S-IN 1S-IN	SP-2-T-SF	F6
F	1-A (10')		82	3S8" V1	TV-1	49	1S-IN	SP-1	
G	EX SL		61	3S8" V1	SV-1-T	68	1S-IN	SP-1	

DETAIL NOTES:

- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- F5 SV-1-T WITH LEFT-SIDE OFFSET.
- F6 SV-1-T WITH RIGHT-SIDE OFFSET.
- V1 LED RED, INCANDESCENT YELLOW, AND LED GREEN
- V3 LED RED, LED YELLOW, AND LED GREEN

5/22/01 PCO f1 MSF & HOMERUN NO. DATE DESCRIPTION BY APP.		REFERENCE INFORMATION & FILE NO. OF SURVEYS		 BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO		 DESIGNED: BD/EF DATE: 7/2000 DRAWN: MJ/RT DATE: 7/2000 CHECKED: NKS DATE: 7/2000		APPROVED: _____ DATE: _____ SECTION MANAGER: _____ DATE: _____ DIVISION MANAGER: _____ DATE: _____ CITY ENGINEER: _____ DATE: _____		SCALE: NONE SHEET OF SHEETS: 41 OF 62		PINE STREET TRAFFIC SIGNAL UPGRADE FILLMORE AND PINE STREETS SCHEDULE		SPECIFICATION NO. 1986N DRAWING NO. E-40 FILE NO. 74481 REV. NO.	
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