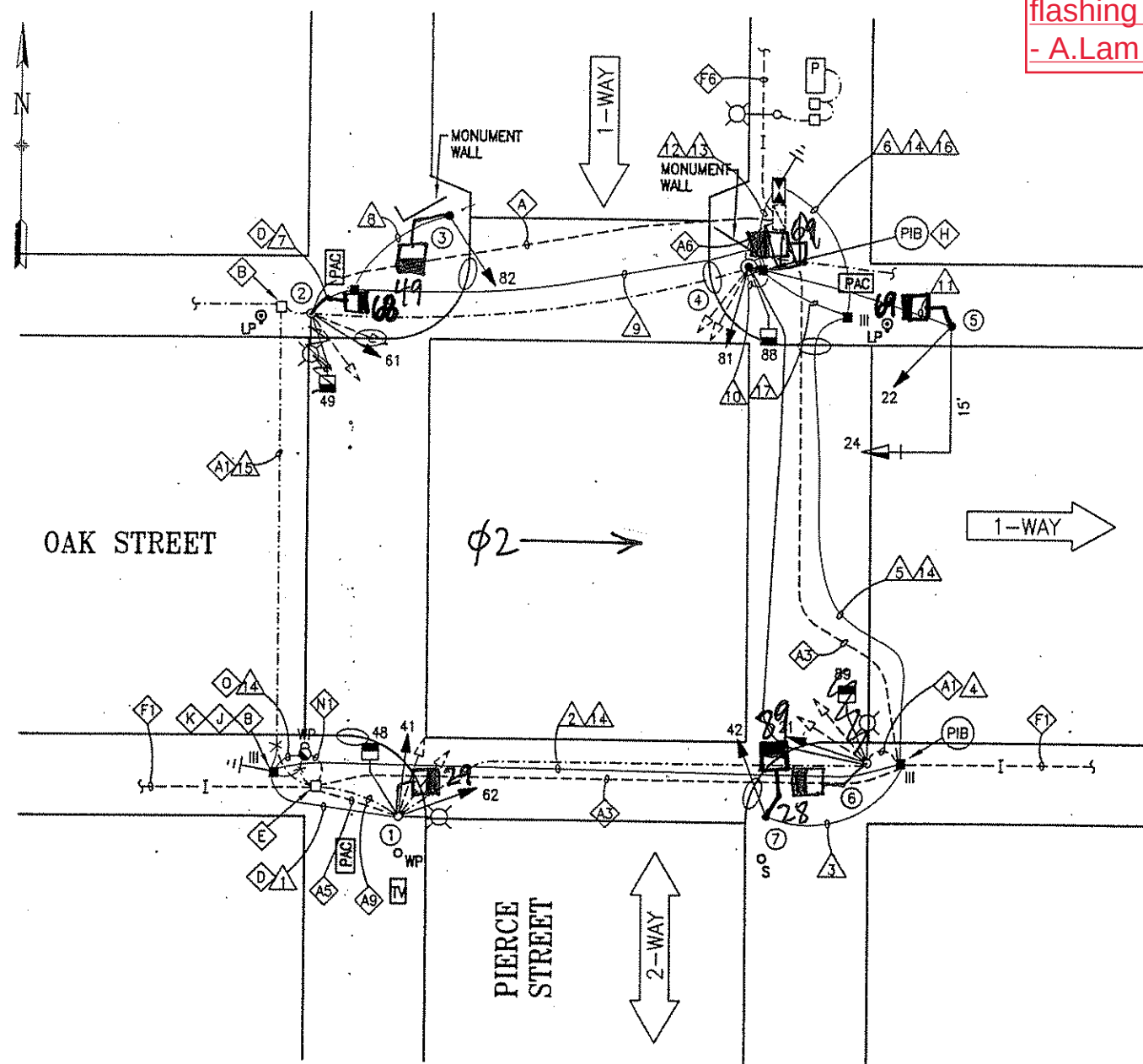


SRC 2020-118
Change signals 81 and 82 to
3S12"FYRA (red ball, yellow ball,
flashing yellow right arrow)
- A.Lam 2020-12-09



SHEET NOTES:

1. ADDITIONAL PULLBOXES, CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG. E-43.1.
2. REPAIR SIDEWALK TO MATCH EX BRICK SIDEWALK ON NORTH EAST AND NORTH WEST SIDES.

DETAIL NOTES:

- A EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S).
- A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- A3 EX CONDUIT AND WIRING. R/C EX TS WIRING. EX SERVICE WIRES AND 12/C. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S).
- A5 EX CONDUIT AND WIRING. R/C EX TS WIRING. ABANDON CONDUIT IN PLACE.
- A6 EX CONDUIT AND WIRING. R/C EX CONDUIT AND WIRING. REPAIR SIDEWALK TO MATCH EX.
- A9 EX CONDUIT AND WIRING. R/C EX SL WIRING. ABANDON CONDUIT IN PLACE.
- B SPLICE NEW WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- D CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION (INCLUDE REPAIR OF CONCRETE PAD AROUND THE FOUNDATION IF APPLICABLE).
- E R/C EX PULL BOX. REPAIR SIDEWALK TO MATCH EX.
- F1 EX CONDUIT AND 12/C, R/C EX 12/C, CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S). FOR CONTINUOUS DISTANCE BETWEEN PULL BOXES, SEE DWG. E-43.1.
- F6 EX CONDUIT AND 12/C, R/C EX 12/C, CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S). FOR CONTINUOUS DISTANCE BETWEEN THE CONTROLLERS FROM OAK STREET TO FELL STREET, SEE DWG. E-43.1.
- H RETAIN EX SL CIRCUIT.
- J F/I IN-LINE FUSE HOLDER W/40A FUSE FOR IC SERVICE. SPLICE NEW WIRES TO EX PG&E SERVICE TO SUPPORT NEW IC.
- K R/C EX PULL BOX. RELOCATE ALL CONDUITS INTO NEW PULL BOX LOCATION OUTSIDE OF CURB RAMP BY COUPLING CONDUIT EXTENSIONS AND F/I NEW WIRING TO MATCH EX (AS APPLICABLE) BACK TO NEAREST SPLICE BOX POINT.
- N1 EX CONDUIT AND SERVICE WIRES. R/C EX SERVICE WIRES. ABANDON CONDUIT IN PLACE.
- O CONTRACTOR SHALL INSTALL 90 DEGREE SWEEP FROM PULL BOX TO STUB UP ON PG&E POLE. SHALL VERIFY WITH PG&E QUADRANT FOR STUB UP PRIOR TO INSTALLATION, AND SHALL COORDINATE WITH PG&E TO MAKE SERVICE CONNECTIONS.

PED SIGNALS ACTIVATED ON 9/7/06

6/03	AS-BUILT	DW	SL	REFERENCE INFORMATION & FILE NO. OF SURVEYS		BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO		DESIGNED: DATE:	APPROVED	SCALE:	OAK AND FELL STREETS TRAFFIC SIGNAL UPGRADE PIERCE AND OAK STREETS	SPECIFICATION NO.	
5/01	CHANGE ORDER #3 MSF - HOMERUN	JP	SL	JM/DVS				2/00	SECTION MANAGER	DATE:		1" = 10 feet	1660N
3/01	CHANGE ORDER #2	SL	SL	DRAWN: DATE:				JS	2/00	DIVISION MANAGER		DATE:	E-13.0
2/00	ISSUED FOR BID	JM	NKS	CHECKED: DATE:				NKS	2/00	CITY ENGINEER		DATE:	74167
TABLE OF REVISIONS				CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				SHEET OF SHEETS		26 OF 89	REV. NO.		
											0		

EXTERNAL REFERENCES: 103422.dwg - ROUTING SHY ROUTING 14

SCALE FACTOR: 120
PLOT SCALE: 1"=1'

ORIGIN: ELECTRICAL

FILE NAME: E-13.0.dwg
DATE: 12/14/2009

CONDUIT AND WIRING SCHEDULE

CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
CONDUIT SIZE (INCH)	2	2	2	EX	2	2	2	2	2	2	2	2	2	1.5	EX	2	2		
CONDUIT SIZE (mm)	50.8	50.8	50.8		50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	38.1		50.8	50.8		
NOTES													SP			SP	SP		
#14 WIRES																			
SIGNAL 48	2	2			2	2													
SIGNAL 41	3	3			3	3													
SIGNAL 62	3	3			3	3													
SIGNAL 42			3		3	3													
SIGNAL 89				2	2	2													
SIGNAL 21				3	3	3													
SIGNAL 49							2		2			2							
SIGNAL 61							3		3			3							
SIGNAL 82								3	3										
SIGNAL 88										2		2							
SIGNAL 81										3		3							
SIGNAL 22											3	3							
SIGNAL 24												3	3						
SPARE		3			3	3				3			3						
#14 WIRES NEUTRAL	2		1	2			2	1		2	2								
TOTAL #14 WIRES	10	11	4	7	19	19	7	4	11	7	8	22	22						
#10 WIRES NEUTRAL		1			2	2			1			1	2						
#8 WIRES (120V SERVICE)														2					
#8 WIRES (STREET LTG)	2														2				
#6 BSCW															1				
1/4"(6.35mm)PULL ROPE		1			1				1			1				1	1		

POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			PEDESTRIAN PUSHBUTTON (PPB)	LUMINAIRE (HPS)		REMARKS
		No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)		VOLTAGE	WATTS	
1	EX SL	41 62	3S8" 3S8"	SV-2-TA	29 48	1S-COUNT 1S-IN II	SP-1-SF(12") SP-1 SP-1(22")				
2	EX SL	61	3S8"	SV-1-T	68	II 1S-IN	SP-1				
3	1-A (10')	82	3S12"FYRA	TV-1	49	II	SP-1				JD
4	1-A (10')	81	3S12"FYRA	SV-1-T	69 88	II 1S-IN	SP-1-SF(12") SP-1(22")				JD JD
5	16-1-70 WITH 15' SIGNAL MASTARM	22 24	3S8" 3S12"	SV-1-T MAS	69	II	SP-1				BACKPLATE
6	EX SL	21	3S8"	SV-1-T	28 89	II 1S-IN	SP-1				
7	1-A (10')	42	3S8"	TV-1	89	II	SP-1				

Modified per SRC 2020-118 to be 12" red ball, yellow ball, and flashing yellow right arrow

DETAIL NOTES:

- Q R/S EX TS POLE.
- JD F/I (3S8") 3 SECTION, 8-INCH VEHICLE SIGNAL FACE WITH RED, YELLOW, YELLOW.

AS BUILT DRAWING
APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

6/03	AS-BUILT	DW	SL
5/01	CHANGE ORDER #3 MSF- HOMERUN	JP	SL
2/00	ISSUED FOR BID	JM	NKS
NO.	DATE	DESCRIPTION	BY
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:	APPROVED
JM/DVS 2/00	SECTION MANAGER DATE:
DRAWN: DATE:	DIVISION MANAGER DATE:
JS 2/00	CITY ENGINEER DATE:
CHECKED: DATE:	
NKS 2/00	

SCALE:
NONE
SHEET OF SHEETS
27 OF 89

OAK AND FELL STREETS
TRAFFIC SIGNAL UPGRADE
PIERCE AND OAK STREETS SCHEDULES

SPECIFICATION NO.	1660N
DRAWING NO.	E-13.1
FILE NO.	74168
REV. NO.	0

EXTERNAL REFERENCES: D:\dgsa\OAK-TRAFFIC\1034\22.dwg
FONTS USED: ROMANS.SHK ROMANS.SHK ROMANS.SHK ROMANS.SHK

SCALE FACTOR: 1
PLOT SCALE: 1=1

ORIGIN: ELECTRICAL

FILE NAME: E-13-1.dwg
DATE: Nov 17 1998 15:12