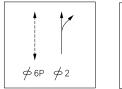


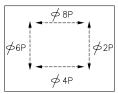
SHEET NOTES:

- 1. R/S ALL TRAFFIC SIGNALS AND MOUNTING HARDWARES, UNO.
- 2. R/C ALL TRAFFIC SIGNAL WIRING, UNO. RETAIN SERVICE WIRES AND INTERCONNECT CABLE. ABANDON EX TRAFFIC SIGNAL CONDUITS, UNO. REPAIR SIDEWALK.
- 3. EX TRAFFIC SIGNS AFFECTED BY THE REMOVAL OF THE POLES SHALL BE RELOCATED BY THE CITY.

PHASE DIAGRAM:







PHASES 2 & 6

PHASE 4 & 7

PHASES 2,4,6 & 8

PHASE SEQUENCE:

G+GRA Y				R		FOLSOM ST.			
R		G+GLA	Υ	R		4TH ST.			
WM FRH		RH		WM		PED XING 4TH ST NORTH XWALK			
RH				W	M	FRH	PED XING FOLSOM ST WEST XWALK		
RH					WM	FRH	PED XING 4TH ST SOUTH XWALK		
RH					WM	FRH	PED XING FOLSOM ST EAST XWALK		

DETAIL NOTES:

- EX CONDUIT AND WIRING. R/C EX WIRING. CUT BOTH ENDS OF CONDUIT APPROX 2' AND R/C. ABANDON REMAINING CONDUIT IN PLACE.
- AT EX CONDUIT AND WIRING. R/C EX TS WIRING. EX SL WIRING TO REMAIN.
- EX CONDUIT AND WIRING, R/C EX TS WIRING, SL WIRING TO REMAIN, F/I NEW WIRING AS NOTED.
- A4 R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- (A5) EX CONDUIT AND WIRING. R/C EX WIRING. F/I 1/4" NYLON PULL ROPE.
- (A6) EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- (B) SPLICE NEW WIRES TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- SPLICE NEW WIRING TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT TO THE BASE OUTSIDE OF POLE AND REPAIR AFTER INSTALLATION.
- G PLUG EX WIRE ENTRY HOLE.
- EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- F/I STREET LIGHT WITH 6' LUMINAIRE ARM AND 150W HIGH PRESSURE SODIUM LUMINAIRE ON EXISTING TROLLEY POLE WITH POLE EXTENSION PER STANDARD PLAN FILE #A-27,682.1 CHANGE 3. F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I IN-LINE FUSE HOLDER AND FUSE IN NEAREST PULL BOX PER SPDPWSF FILE #49,092.
- T> R/C EX PULL BOX. REPAIR SIDEWALK TO MATCH EXISTING.

	1							REFERENCE INFORMATION & FILE	
	1	7.	4	2/03	As built			No. OF SURVEYS	Z Z
		Z	3\	10/23/00	intercept ex conduit and route to new pull box	BC	BW		(5)
		Z	2\	6/16/99	conduit 13 made external	BC	BW		빞
		\angle	î\	4/22/99	Revised per DPT's request	BC	BW		F
		N	0.	DATE	DESCRIPTION	BY	APP.		1
<u>.</u>									



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED				
BC	06/09/97					
DRAWN: BC	DATE: 06/09/97	SECTION MANAGER	DATE:			
		DIVISION MANAGER	DATE:			
CHECKED:	DATE:					
SWT	06/09/97	CITY ENGINEER	DATE:			
		CITI LINGINGER	DATE:			

TALE:	FOURTH STREET SIDEWALK WIDENING	SPECIFICATION 1036N DRAWING NO E-4
HEET OF SHEETS	4TH AND FOLSOM STREETS	FILE NO. 66,813
	TRAFFIC SIGNAL WORK	REV. NO.

T:\T_E_FILES\Official_Records\Signal_Inventory\As_Builts\DWG\4thST Wic CLEUNG2

					REFERENCE
					INFORMATION & FI
/4\	2/03	As built	JE	BC	No. OF SURVEYS
/3\	6/16/99	conduit 13 made external	BC	BW	
$\sqrt{2}$	6/09/99	Change MAS to MAT for signal 27 per DPT's request	BC	BW	
3 2 1 NO.	4/22/99	Revised per DPT's request	BC	BW	
NO.	DATE	DESCRIPTION	BY	APP.	
	CHECK \	TABLE OF REVISIONS WITH TRACING TO SEE IF YOU HAVE LATEST REVIS	ION		

CONDUIT AND WIRING SCHEDULE

2 2

2

2

4

4

2 3

2

20 | 22

2 EX 2 $1\frac{1}{2}$

2 2

3

4

4

2

10 22 4 4

(A6)

3 3

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

\ J			
0			

DESIGNED:

CHECKED:

06/09/9

06/09/97

DATE

06/09/97

SCALE: SECTION MANAGER DIVISION MANAGER DATE:

NONE SHEET OF SHEETS

FOURTH STREET SIDEWALK WIDENING

E-54TH AND FOLSOM STREETS 66,814 REV. NO. SCHEDULES FOR TRAFFIC SIGNAL WORK

TYPE OF POLE	LUMINAIRE (HPS) VOLTAGE/ WATTS		VEHICLE SIG	GNAL		PEDESTRIAN	SIGNAL	
	VOLTAGE/		S) VEHICLE SIGNAL				REMARKS	
	WAIIS	No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)	NEWANNS
EX MUNI POLE		41	3S12"	SV-1-T	29 48	1S-IN 1S-IN	SP-2-T	
EX MUNI POLE					49 68	1S-IN 1S-IN	SP-2-T	
EX MUNI POLE	120/150 Ŵ							
EX MUNI POLE		22	3S8"	SV-1-T	69 88	1S-IN 1S-IN	SP-2-T	
16-1-70 WITH 8' MAST ARM		27	3S12"K	MAT				
16-1-70 WITH 8' MAST ARM		24	4S12"GRA	MAS				
EX MUNI POLE	120/150 Ŵ	21 42	4S12"GRA 4S12"GLA	SV-2-TA	89 28	1S-IN 1S-IN	SP-2-T-SF	PED SIGNALS SHALL USE EX SV-2-T-SF MOUNTING
17B-1-70 WITH 8' MAST AND 6' LUMINAIRE ARMS	120/150 Ŵ	47	4S12"GLA	MAS				
	EX MUNI POLE EX MUNI POLE 16-1-70 WITH 8' MAST ARM 16-1-70 WITH 8' MAST ARM EX MUNI POLE 17B-1-70 WITH 8' MAST	EX MUNI POLE 120/150 EX MUNI POLE 16-1-70 WITH 8' MAST ARM EX MUNI POLE 120/150 17B-1-70 WITH 8' MAST AND C' HAWKINDE ANDS	EX MUNI POLE 120/150 EX MUNI POLE 22 16-1-70 WITH 8' MAST ARM 27 ARM EX MUNI POLE 120/150 42 17B-1-70 WITH 8' MAST ARD 120/150 47	EX MUNI POLE 120/150 W EX MUNI POLE 22 3S8" 16-1-70 WITH 8' MAST ARM 27 3S12" K 4S12"GRA K EX MUNI POLE 120/150 21 4S12"GRA 4S12"GLA	EX MUNI POLE 120/150 EX MUNI POLE 22 3S8" SV-1-T 16-1-70 WITH 8' MAST ARM 27 3S12" MAT 4S12"GRA K EX MUNI POLE 120/150 21 4S12"GRA 4S12"GRA 4S12"GLA AND C' LUMMMDE ADMS 120/150 47 4S12"GLA MAS	EX MUNI POLE 120/150 EX MUNI POLE 120/150 EX MUNI POLE 22 3S8" SV-1-T 69 88 16-1-70 WITH 8' MAST 27 3S12" MAT ARM 16-1-70 WITH 8' MAST 24 4S12"GRA MAS EX MUNI POLE 120/150 21 4S12"GRA SV-2-TA 89 28 178-1-70 WITH 8' MAST 4812"GLA MAS	EX MUNI POLE 120/150 EX MUNI POLE 120/150 EX MUNI POLE 22 3S8" SV-1-T 69 1S-IN	EX MUNI POLE 120/150 EX MUNI POLE 120/150 EX MUNI POLE 22 3S8" SV-1-T 69 1S-IN SP-2-T 16-1-70 WITH 8' MAST 27 3S12" MAT 16-1-70 WITH 8' MAST 24 4S12"GRA MAS EX MUNI POLE 120/150 21 4S12"GRA SV-2-TA 89 1S-IN SP-2-T-SF 17B-1-70 WITH 8' MAST 120/150 47 4S12"GLA MAS

POLE AND EQUIPMENT SCHEDULE

DETAIL NOTES:

NUMBER CONDUIT SIZE (INCH)

#14 WIRES

41

48

47

42

89

24

49

68

22

88

SIGNAL

SIGNAL

SIGNAL SIGNAL

SIGNAL SIGNAL

SIGNAL

SIGNAL

SIGNAL

SIGNAL

SIGNAL

SIGNAL SIGNAL

SIGNAL

SPARE TOTAL #14 WIRES

#10 WIRES NEUTRAL #8 WIRES (120V SERVICE) #8 WIRES (STREET LGT) 12/C INTERCONNECT 1/4" PULL ROPE #6 BSCW

EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.

10 4 15

(A6) EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.

3

- CHIP EX FOUNDATION TO BRING CONDUIT TO THE BASE OUTSIDE OF POLE AND REPAIR AFTER INSTALLATION.
- WITH BACKPLATE
- F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FÚSE HOLDERS PER SPDPWSF #49,092.

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.