

SHEET NOTES:

1. ENTIRE INTERSECTION IS TO BE RE-WIRED FOR TRAFFIC SIGNALS. R/C EX TS WIRES AND F/I NEW WIRES AS NOTED.
2. MOST EX TRAFFIC SIGNAL CONDUITS ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTING CONDUIT ROUTING.
3. FOR EX CONDUITS CONTAINING ONLY TRAFFIC SIGNAL WIRES, CUT CONDUIT FLUSH TO PULL BOX WALL AND CAP END(S) AND ABANDON CONDUIT IN PLACE, UON.
4. FOR EX CONDUITS CONTAINING TRAFFIC SIGNAL WIRES AND CABLES OR OTHER NON-TRAFFIC SIGNAL WIRES, SUCH AS 12/C CABLE, STREET LIGHT WIRES, OR MUNI WIRES, ETC., R/C EX TRAFFIC SIGNAL WIRES ONLY, UON.
5. DO NOT TRENCH IN CURB RETURN AREA UNLESS R-DWGS CALL FOR CONSTRUCTING NEW CURB RAMPS. TUNNEL UNDERNEATH CURB RETURN AREA AS REQUIRED. PROTECT EXISTING CURB RAMP(S) IF PRESENT.

DETAIL NOTES:

- 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.
- B SPLICE NEW SL WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- B3 F/I FUSE AND FUSE HOLDERS FOR SL PER SPDWSF FILE #49,092.
- D CHIP FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- E5 ABANDON PULL BOX. CUT CONDUIT FLUSH TO PULL BOX WALL, CAP END(S). R/C EX TRAFFIC SIGNAL WIRING.
- F VEHICLE AND PEDESTRIAN SIGNAL(S) SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION.
- L F/I IN-LINE FUSE HOLDER WITH 40A FUSE FOR IC SERVICE.
- L1 CONTRACTOR SHALL COORDINATE WITH PG&E VIA WALLY SUN OF HETCH HETCHY AT (415) 554-1873 FOR SERVICE CONNECTION WORK.
- L2 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.
- L4 CONTRACTOR SHALL COORDINATE WITH WALLY SUN OF HETCH HETCHY AT (415) 554-1873 TO DISCONNECT EX PG&E SL SERVICE WIRING. R/C EXISTING WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP END(S). ABANDON CONDUIT IN PLACE.
- S CONTRACTOR SHALL PROVIDE UTILITY OWNER 5 DAYS ADVANCE NOTICE PRIOR TO WORKING IN THE MANHOLE. CONTRACTOR IS ADVISED MANHOLES ARE CLASSIFIED AS "CONFINED SPACES" AND SHALL FOLLOW CONFINED SPACE PROCEDURES.

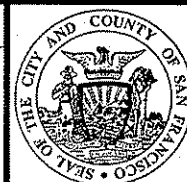
NOTE:

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.

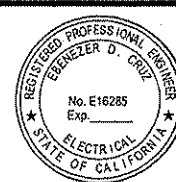
OCTOBER 2005

NO.	DATE	DESCRIPTION	BY	APP.
1	6/1/06	pco#1, ch pole 3 and 6 to new	gd	bc

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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



DESIGNED:	DATE:	APPROVED:
TP	10/05	
DRAWN:	DATE:	SECTION MANAGER DATE:
NL	10/05	
CHECKED:	DATE:	DEPUTY BUREAU MANAGER DATE:
BC	10/05	
		CITY ENGINEER DATE:

SCALE:
1" = 10 feet
SHEET OF SHEETS
18 OF 71

CONTRACT 31
TRAFFIC SIGNAL MODIFICATIONS
GOLDEN GATE AVE & SCOTT ST

SPECIFICATION NO.
0872J
DRAWING NO.
E-5.1
FILE NO.
86,421
REV. NO.
1

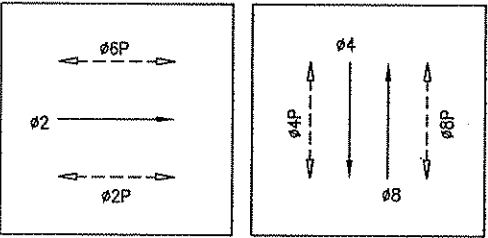
POLE AND EQUIPMENT SCHEDULE										CONTRACT WORK IN BOLD	
POLE No.	TYPE OF POLE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS	
		No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING		
①	EX 1-A (10')	EX 22 EX 81	EX 3S8" EX 3S8"				69 88	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1 (22")		
②	EX MARBLELITE SL 	21	3S8"	SV-1-T	T		28	1S-COUNT	SP-1-T	EXTERNAL CONDUIT SEE	
③	1-A (10')	42	3S8"	TV-1	T		89	1S-COUNT	SP-1		
④	EX MARBLELITE SL 	41	3S8"	SV-1-T	T		29 48	1S-COUNT 1S-COUNT	SP-2-T-SF	EXTERNAL CONDUIT SEE	
⑤	EX MARBLELITE SL 						68	1S-COUNT	SP-1-T	EXTERNAL CONDUIT SEE	
⑥	1-A (10')	82	3S8"	TV-1	T		49	1S-COUNT	SP-1		

DETAIL NOTES:

F/I FUSE AND FUSE HOLDERS FOR SL PER SPDPWSF FILE #49,092 AT ADJACENT PULLBOX.

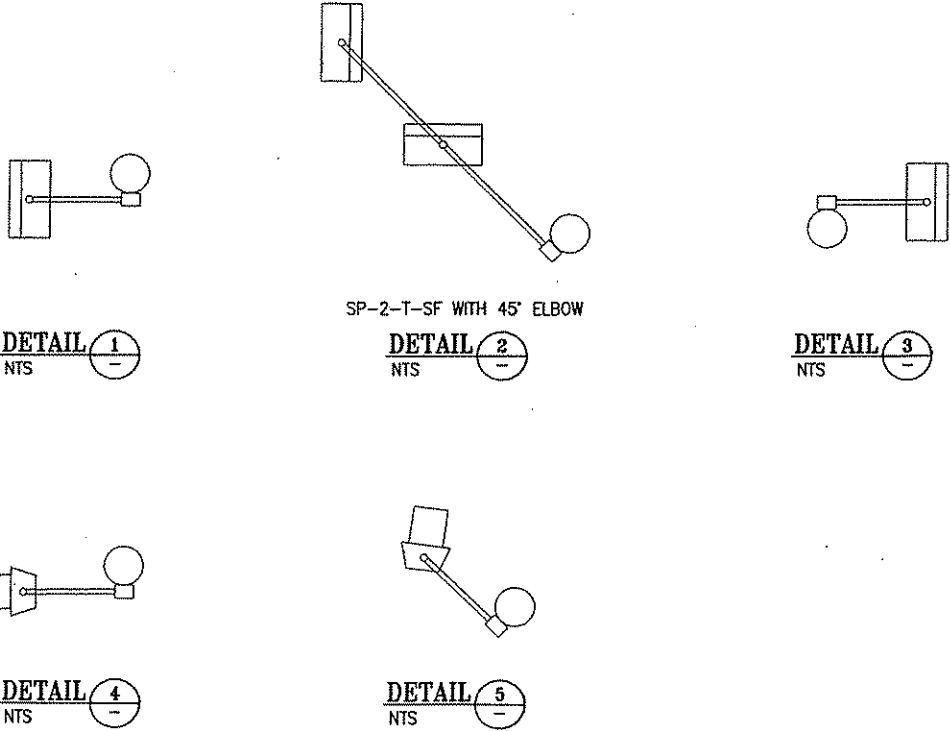
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PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	GOLDEN GATE AVE.		
R		G	Y	R	SCOTT ST.
WM	FRH	RH	PED XING SCOTT ST.		
RH		WM	FRH	RH	PED XING GOLDEN GATE AVE.



OCTOBER 2005

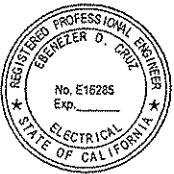
NO.	DATE	DESCRIPTION	BY	APP.
1	5/1/06	pco#1, ch pole 3 and 6 to new	gd	bc

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:
TP	10/05
DRAWN:	DATE:
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CHECKED:	DATE:
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APPROVED	
SECTION MANAGER	DATE:
DEPUTY BUREAU MANAGER	DATE:
CITY ENGINEER	DATE:

SCALE:
NONE
SHEET OF SHEETS
19 OF 71

CONTRACT 31	SPECIFICATION NO. 0872J
TRAFFIC SIGNAL MODIFICATIONS	DRAWING NO. E-5.2
GOLDEN GATE AVE & SCOTT ST SCHEDULE	FILE NO. 86,422
	REV. NO. 0

