

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 RAMP(S). TUNNEL UNDERNEATH CURB RETURN AREA AS REQUIRED. PROTECT EXISTING CURB RAMP(S) IF PRESENT.

DETAIL NOTES:

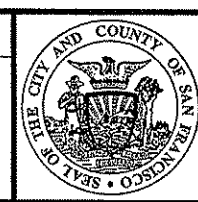
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP END(S). ABANDON CONDUIT IN PLACE.
- B SPLICE NEW SL WIRING TO EX SL WIRING TO MAINTAIN SL CIRCUIT.
- D CHIP FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER 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.
- F2 VEHICLE AND PEDESTRIAN SIGNAL(S) SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION. MODIFY EX EXTERNAL SL CONDUIT AS NECESSARY SO THAT THERE IS ONLY ONE EXTERNAL CONDUIT FOR BOTH SL AND TS.
- F8 F/I EXTERNAL 1.5" GRS CONDUIT WITH CONDULET TO MASTER CONTROLLER.
- I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION TO MAINTAIN INTERCONNECT SYSTEM.
- 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.
- T1 CONDUITS SHALL BE INSTALLED UNDER MUNI TRACKS. SEE SSDPWSF SECTION 601.03. (TYP. CONDUIT SHALL BE 4' TO 6' BELOW SURFACE). CONDUITS INSTALLED UNDER TRACKS SHALL BE INSTALLED BY JACKING, PUSHING OR PULLING. CONTRACTOR SHALL NOTIFY WILEY TOM OF MUNI AT 415-307-8988 SEVEN DAYS PRIOR TO WORKING UNDER MUNI TRACKS. SEE 6 E-0.5

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.

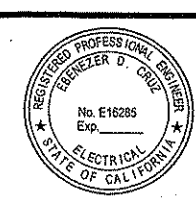
OCTOBER 2005

NO.	DATE	DESCRIPTION	BY	APP.
1	8/16/06	ADDED POLE 6, SIGNALS MOD	BC	GD
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: TP	DATE: 10/05
DRAWN: NL	DATE: 10/05
CHECKED: BC	DATE: 10/05

APPROVED	
SECTION MANAGER	DATE:
DEPUTY BUREAU MANAGER	DATE:
CITY ENGINEER	DATE:

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

CONTRACT 31
TRAFFIC SIGNAL MODIFICATIONS
7TH AVE & IRVING ST

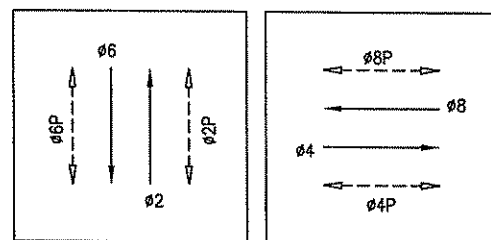
SPECIFICATION NO. 0872J
DRAWING NO. E-19.1
FILE NO. 86,463
REV. NO. 1

POLE AND EQUIPMENT SCHEDULE										
POLE No.	TYPE OF POLE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	EX SL	EX 21 EX 42	3S8" 3S8"				28 89	1S-COUNT 1S-COUNT	SP-1 (22") SP-1-SF (12")	
②	EX SL	EX 41 EX 62	3S8" 3S8"				29 48	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1 (22")	
③	EX MARBLELITE (10')	EX 61	3S8"							
④	EX MUNI	EX 82	3S8"				49 68	1S-COUNT 1S-COUNT	SP-2-T-SF	EXTERNAL CONDUIT SEE E-0.4
⑤	EX MUNI + SL	EX 81	3S8"							
⑥	1-A (10')	22	3S8"	TV-1	T		69 88	1S-COUNT 1S-COUNT	SP-2-T-SF	

DETAIL NOTES:

- B3 F/I FUSE AND FUSE HOLDERS FOR SL PER SPDPWSF FILE #49,092 AT ADJACENT PULLBOX.
 R1 REMOVE SIGNAL 22 AND ASSOCIATED FRAMEWORK. RETAIN PORTION OF FRAMEWORK FOR SIGNAL 81 AND PLUG "T" FRAMEWORK.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	7TH AVE		
R		G	Y	R	IRVING ST.
WM	FRH	RH	PED XING IRVING ST.		
RH		WM	FRH	RH	PED XING 7TH AVE

NOTE:
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OCTOBER 2005

NO. DATE DESCRIPTION 8/16/06 ADDED POLE 6, SIGNALS MOD BC GD BY APP.		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: NL 10/05 CHECKED: DATE: BC 10/05	APPROVED SECTION MANAGER DATE: DEPUTY BUREAU MANAGER DATE: CITY ENGINEER DATE:	SCALE: NONE SHEET OF SHEETS: 61 OF 71	CONTRACT 31 TRAFFIC SIGNAL MODIFICATIONS 7TH AVE & IRVING ST SCHEDULE	SPECIFICATION NO. 0872J DRAWING NO. E-19.2 FILE NO. 86,464 REV. NO. 1
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