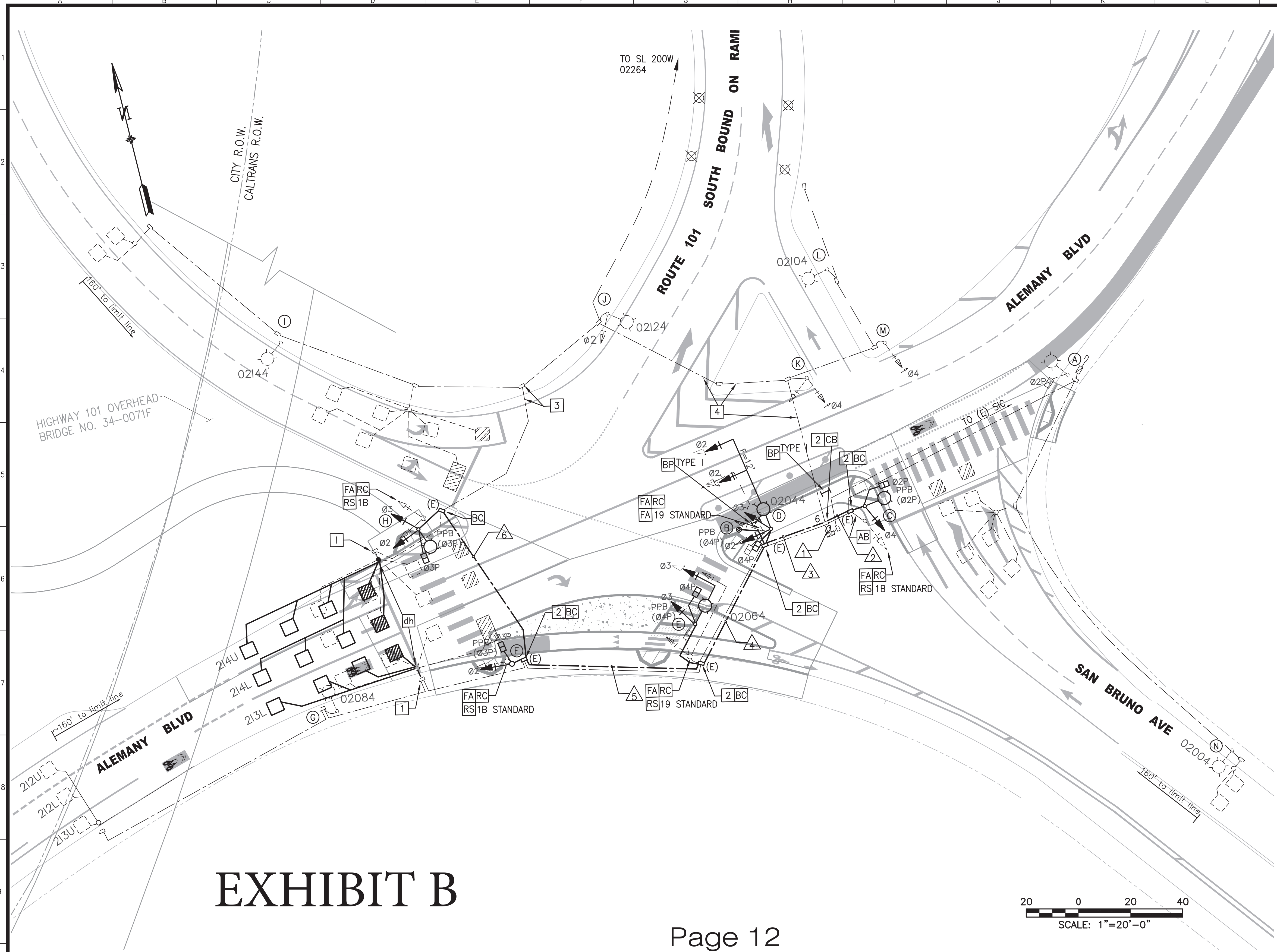
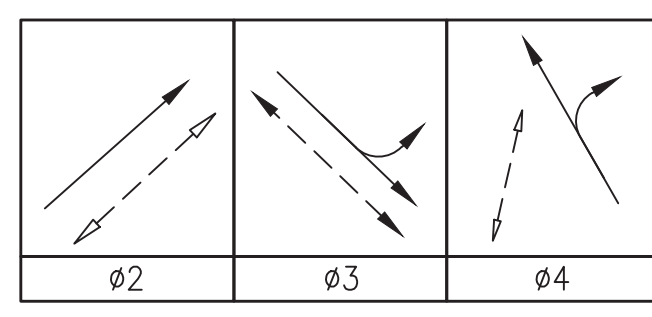


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	101, 280	1, 7/2, 2, R4, 1/R4, 4	34	41

PROJECT NOTES (THIS SHEET):

- 1 AB AND INSTALL LOOPS AS SHOWN. SC DLC.
- 2 SC STREET LIGHT WIRES TO EXISTING CIRCUIT.
- 3 RC UNUSED WIRING FOR Ø2, Ø3, Ø3P.
- 4 RC UNUSED WIRING FOR Ø3, Ø3P.

PHASE DIAGRAM



# EXHIBIT B



NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 04/29/21 16:23, BY: GLY				

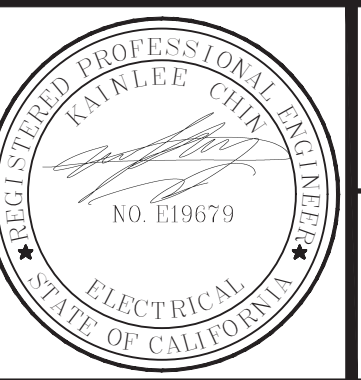
REFERENCE INFORMATION & FILE NO. OF SURVEYS



**BUREAU OF ENGINEERING**  
 CITY & COUNTY OF SAN FRANCISCO  
**SAN FRANCISCO PUBLIC WORKS**  
 49 SOUTH VAN NESS AVENUE, 8TH FLOOR  
 SAN FRANCISCO, CA 94103

Acting Section Mgr: **KENNY CHIN** 05/03/2021  
 Acting Deputy Bureau Mgr: **LESLEY WONG** 05/05/2021  
 Acting Bureau Mgr: **IOBAL DHAPA** 05/10/2021

DESIGNED: DATE: PL/GL 10/2020  
 DRAWN: DATE: GL 10/2020  
 CHECKED: DATE: DG/SR 04/2021



SCALE: 1" = 20'  
 SHEET OF SHEETS: 34 OF 41

**ALEMANY INTERCHANGE IMPROVEMENTS**  
 PHASE 2  
**TRAFFIC SIGNAL**  
**ALEMANY BLVD AND SAN BRUNO AVE**  
**SIGNAL AND LIGHTING (MODIFY)**

CONTRACT NO. 000003760  
 DRAWING NO. EC-1.0  
 FILE NO. 118,890  
 REV. NO. 0

Drawing Path: V:\30066\Alemany Interchange Improvements\2\_Design\Working Drawings\EEL\Current\Traffic Signal\Caltrans - San Bruno\30066\_Alemany San Bruno ET-2.0 4-27-2021.dwg, Login: Measurement Units are English  
 Plot Time: Fri, 30 Apr 2021 9:24am



### CONDUCTOR AND CONDUIT SCHEDULE

CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS													
	RUN NUMBER													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No. 14 Conductors														
∅2	(E)		3	3	3	3								
∅3	(E)		3	3	3	3								
∅4	(E)	3												
∅2P	(E)	2												
∅3P	(E)		2	2	2	2								
∅4P	(E)		2	2										
PPB (∅2P)	(E)	1												
PPB (∅3P)	(E)		1	1	1									
PPB (∅4P)	(E)		1	1										
PPB Neutral	(E)	1	1	1	1									
Spares	(E)	3	3	3	3	3								
Total No. 14 Conductors	(E)	10	16	16	13	13								
No. 6 Conductors														
Signal Controller (120V)														
Lighting (240V)						2								
Total No. 6 Conductors						2								
Signal Neutral (120V)		1	1	1	1	1	1							
Detector Leadin Cable														
Total DLC	(E)													
CONDUIT (E) OR (N)	(E)	(N)	(N)	(N)	(N)	(N)								
CONDUIT SIZE (INCHES)	2-3"	2	2	2	2	2								

(E) = EXISTING (N) = NEW

# EXHIBIT B

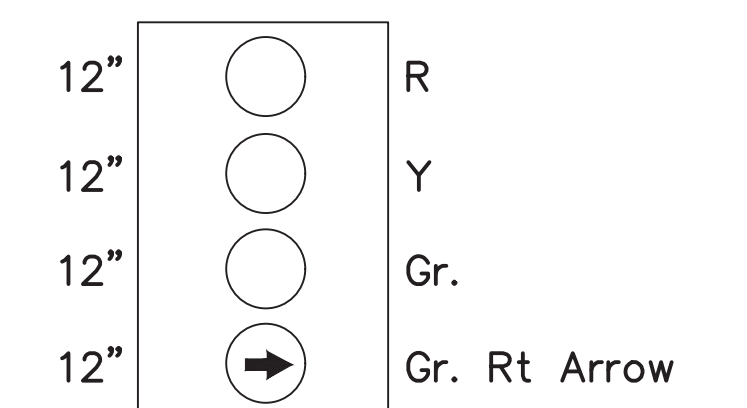
### POLE AND EQUIPMENT SCHEDULE

No.	STANDARD			VEH. SIGNAL MOUNTING		PED SIGNAL MOUNTING	PPB	LUMINAIRE (WATTS)	SPECIAL REQUIREMENTS
	TYPE	SIG. MA	LUM. MA	MAST ARM	POLE				
(A)	(E) 15		(E) 15'			(E) SP-1-T	2P	(E) 200	
(B)	PPB POST						4P		
(C)	15TS				SV-1-T	SP-1-T	2P	133	
(D)	24-4-100	35'	15'	MAS	SV-2-TA	SP-1-T		133	Add right angle visors to mast arm signals [S] San Bruno
(E)	17-2-100	20'	15'	MAS	SV-1-T	SP-1-T	4P	133	Add left angle visors to mast arm signals [S] Alemany
(F)	1B (10')				TV-1-T	SP-1-T	3P		
(G)	(E) 15		(E) 15'					(E) 200	
(H)	15TS				TV-2-T	SP-1-T	3P	133	
(I)	(E) 15		(E) 15'					(E) 200	
(J)	(E) 15		(E) 15'	(E)	SV-1-T			(E) 200	
(K)	(E) 1B(10')			(E)	TV-2-T				(E) Detail A
(L)	(E) 15		(E) 15'					(E) 200	
(M)	(E) 1B(10')			(E)	TV-1-T				(E) Detail A
(N)	(E) 15		(E) 15'					(E) 200	

(E) = EXISTING

### LIGHT FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	LAMPS	VOLT	REMARK
A 133	LUMINAIRE: LEOTEK LED FIXTURE, DIE CAST ALUMINUM ALLOY HOUSING, TENON MOUNTED BRACKETS, RoHS COMPLIANT LED LIGHT ENGINE, 60LED 133W LAMP WITH BACKLIGHT CONTROL, 3000°K, TYPE III, FULL CUTOFF OPTICS, 90% POWER FACTOR DIMMABLE DRIVER, UNIVERSAL VOLTAGE, COLOR TO MATCH POLE.	FIXTURE: LEOTEK GREEN COBRA  CAT#: GC1-60F-MV-WW-3-GY-700-PCR7-CR-WL OR APPROVED EQUAL	133W 60LED 3000°K	MULTI TAP VOLT 120-277V	



**DETAIL A**  
NO SCALE

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 04/29/21 16:12, BY: GLY				

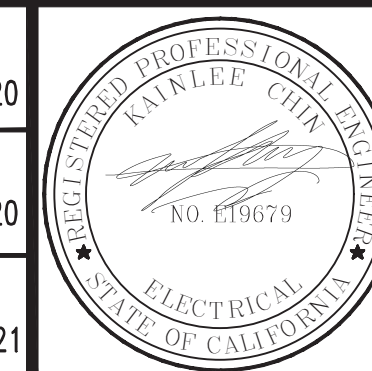
REFERENCE INFORMATION & FILE NO. OF SURVEYS



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Acting Section Mgr:	KENNY CHIN	Date:	05/03/2021
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Acting Bureau Mgr:	IOBAL DHAPA	Date:	05/10/2021

DESIGNED:	DATE:	PL/GL	10/2020
DRAWN:	DATE:	GL	10/2020
CHECKED:	DATE:	DG/SR	04/2021



SCALE:	NONE
SHEET OF SHEETS:	35 OF 41

**ALEMANY INTERCHANGE IMPROVEMENTS**  
PHASE 2  
**TRAFFIC SIGNAL**  
**ALEMANY BLVD AND SAN BRUNO AVE**  
**CONDUCTOR, POLE AND EQUIPMENT SCHEDULES**

CONTRACT NO.	000003760
DRAWING NO.	EC-1.1
FILE NO.	118,890
REV. NO.	0

EEL-3006J

Drawing Path: V:\3006J\_Alemany Interchange Improvements\2\_Design\Working Drawings\EEL\Current\Traffic Signal\Colltrans - San Bruno\3006J\_Alemany San Bruno ET-2.0 4-27-2021.dwg, Login: C:\Users\jgl\AppData\Local\Temp\1\118890.dwg, Model Units: Feet