

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

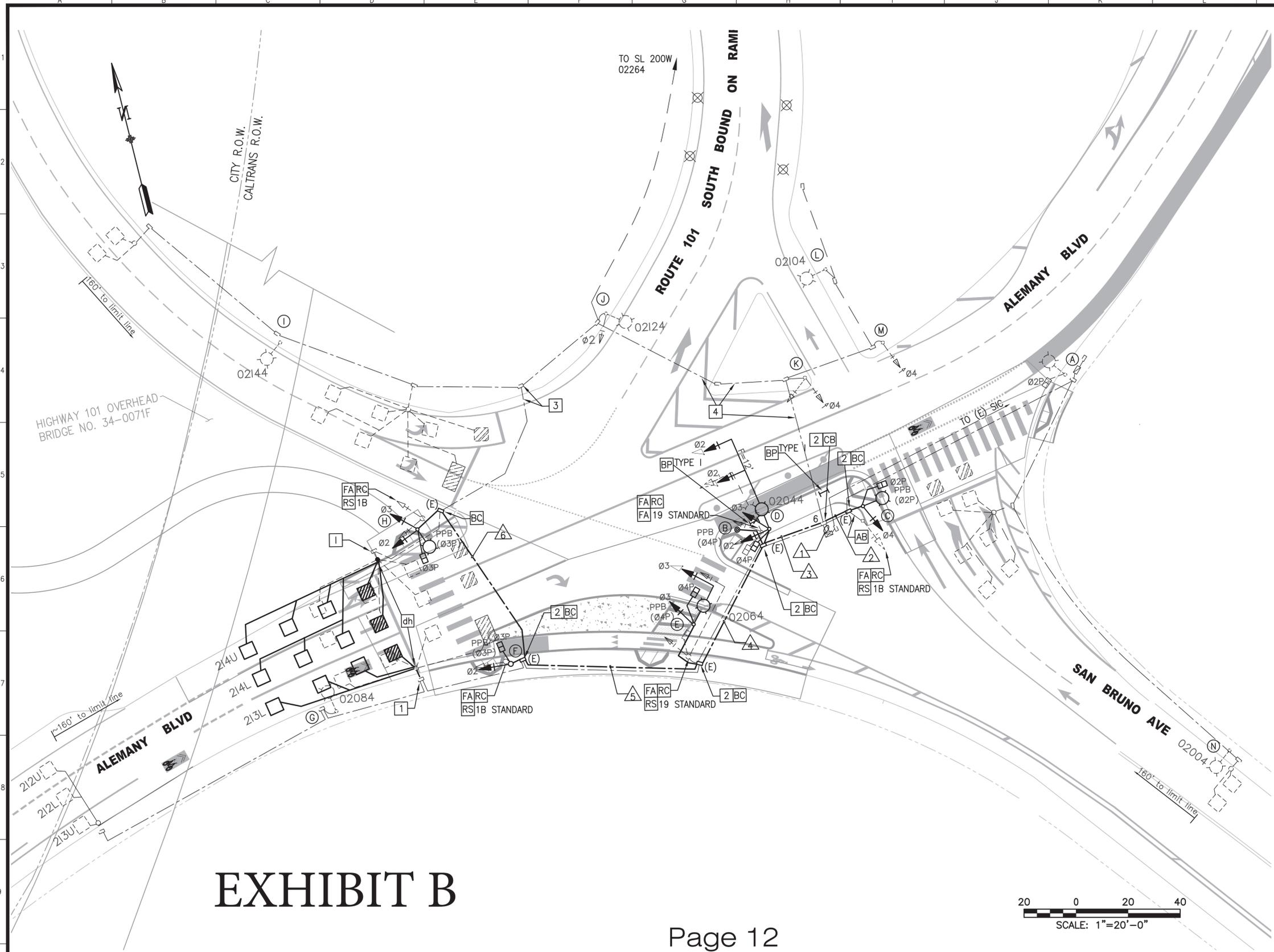
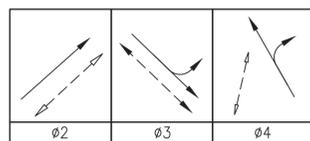
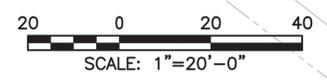


EXHIBIT B



EEL-3006J

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

Date: 05/03/2021
DESIGNED: DATE: 10/2020
DRAWN: DATE: 10/2020
CHECKED: DATE: 04/2021
DG/SR



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:\3006J_Alemany Interchange Improvements\2_Design\Working Drawings\EEL\Current\Traffic Signal\Caltrans - San Bruno\3006J_Alemany San Bruno ET-2.0 4-27-2021.dwg, Login: Measurement Units are English

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

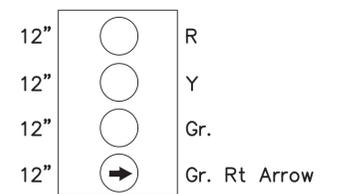
POLE AND EQUIPMENT SCHEDULE

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				

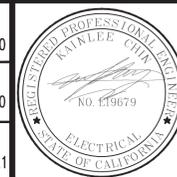
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CHECKED:	DATE:	DG/SR	04/2021



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
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FILE NO.	118,890
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