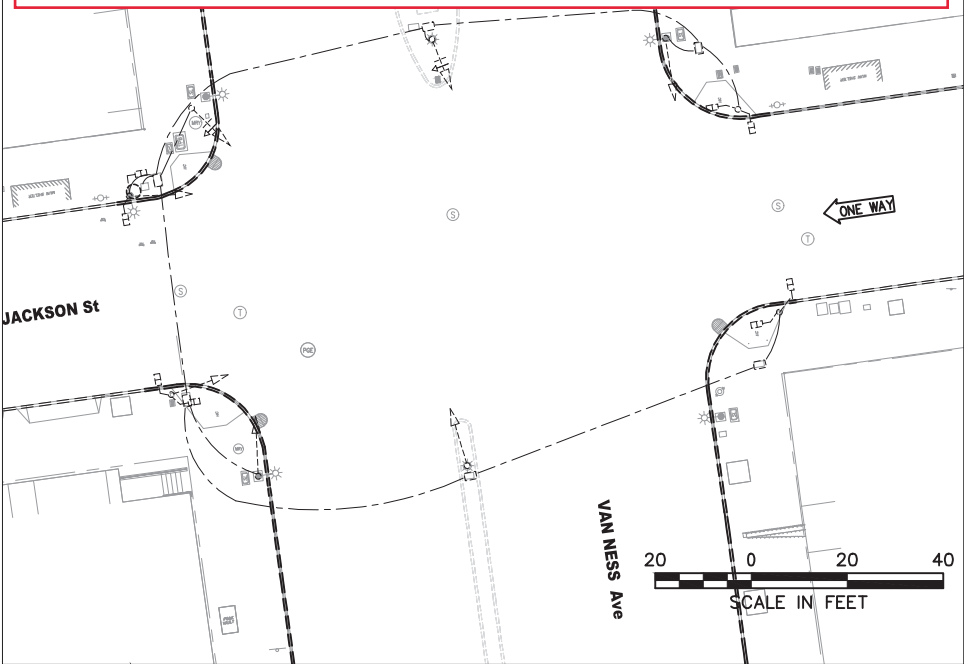
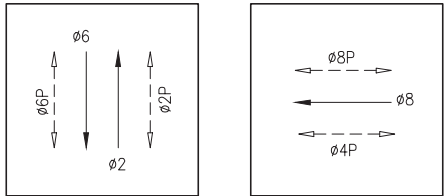


5/4/21 Traffic Signal Switchover
10:07am Dark, 10:18am Emergency Flash, 10:19am 3-color.
APS not installed yet.

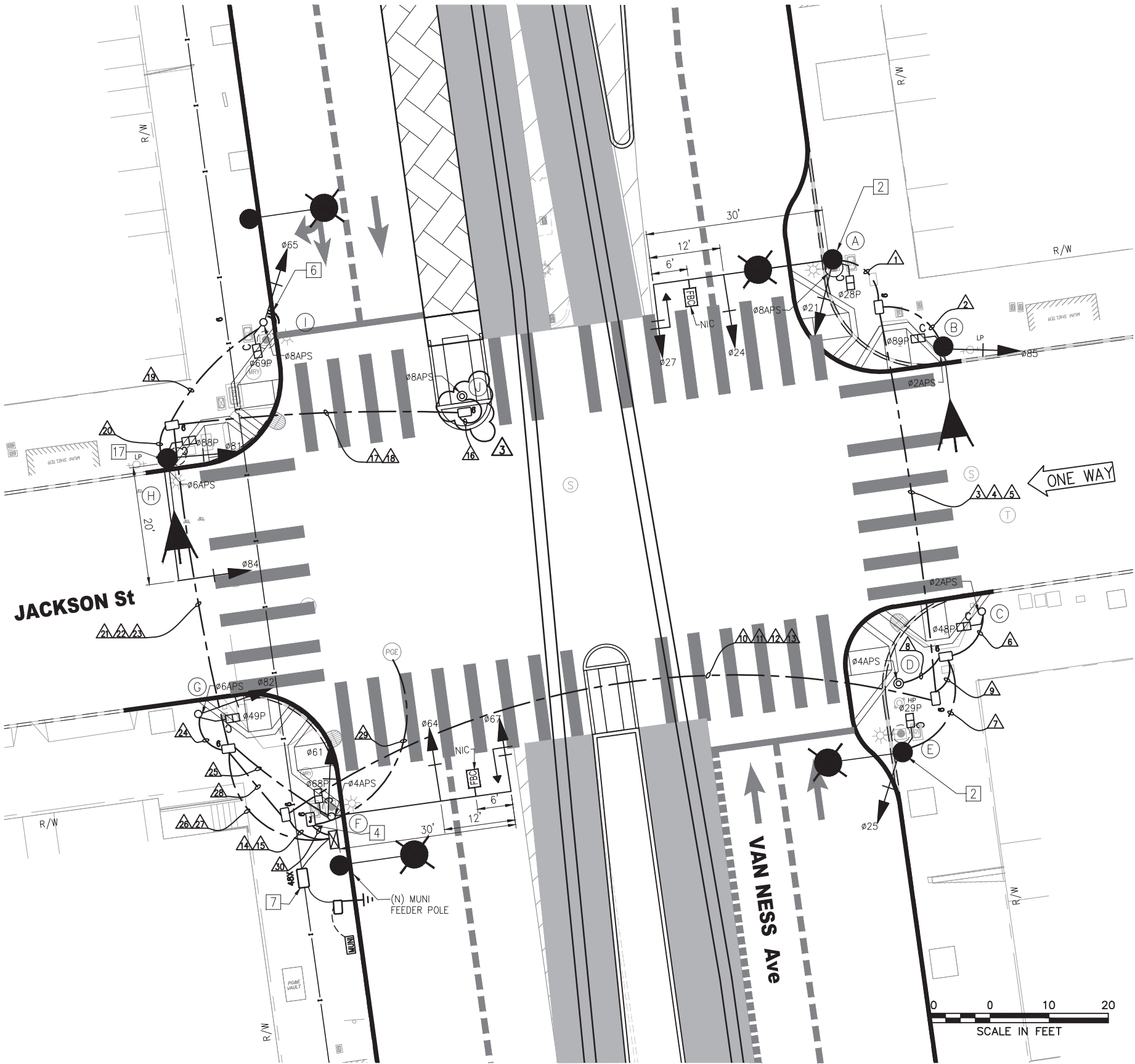
Staff
Ken Kwong (TE), Phong Nguyen (Signal Shop), Danny Guevara (Signal Shop), Glenn Wilson (CPC), Cameron Peters (Phoenix), Wilson Lew (Phoenix)



EXISTING EQUIPMENT



PHASE DIAGRAM



FOR ORIGINAL SIGNATURES, SEE ET-121.0, REV 0

T:\T.E. FILES\SP\Projects\Van Ness BR\Signal Design\CADD\ CPTB401ETBS - 100% Rev. 3-3-21.dwg KKWONG Tue Mar 09,2021 - 12:16 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
3	11/10/20	CONFORMED SET			
2	7/18/19	LATEST DRAWING			
NA	2/20/19	RFI #610: POLE F PER LAYOUT. NO DWG OR SK ISSUED.			
1	03/2018	ADDED FBC SIGNS ON POLES A AND F; RELOCATED POLE D			

DESIGNED	K. KWONG
DRAWN	K. KWONG
CHECKED	R. ZAMORA/G. LIU
REVIEWED	C. LIU
RECOMMENDED	P. WILSON
APPROVED	R. OLEA
DATE	12/4/2015



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED

for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

JACKSON STREET
TRAFFIC SIGNAL WORK

1289

ET-121.0

ET-204

REVISION

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F:\T.E. FILES\Spa\Projects\Van Ness BR\Signal Design\CADD\ CPTB401ETBS - 100% Rev. 3-3-21.dwg KKWONG Tue Mar 09,2021 - 12:16 pm

POLE AND EQUIPMENT SCHEDULE													
POLE NO.	POLE STANDARD			VEHICLE SIGNAL					PEDESTRIAN SIGNAL			HPS LUMINAIRE (WATTS)	SPECIAL REQUIREMENTS
	TYPE	SIG. MA (FEET)	OCS SL	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING		
A	SIGNAL, SL & OCS COMBO POLE	30	2000 202	21 24 27	3S12" 3S12" 3S12"GUA	SV-1-T MAS MAS	T T T		28	1S-COUNT	SP-1	-	STRAIGHT HORIZONTAL SIGNAL MA MOUNT AT 21' HIGH SEE ST PLANS FOR POLE DETAILS APS 1 TENON FOR FUTURE FBC MIDWAY BETWEEN MAS SIGNALS
B	NEW SL (CITY STD)	-	166	85	3S12"	SV-1-T	T		89	1S-COUNT	SP-1	-	APS 1
C	1-A (7')	-		-	-	-	-		48	1S-COUNT	TP-1	-	APS 1
D	PPBP POLE	-		-	-	-	-		-	-	-	-	APS 1
E	SIGNAL, SL & OCS COMBO POLE	-	1960 198	25	3S12"	SV-1-T	T		29	1S-COUNT	SP-1	-	
F	SPECIAL MAST ARM POLE (18-4-100)	30		61 64 67	3S12" 3S12" 3S12"GUA	SV-1-T MAS MAS	T T T		68	1S-COUNT	SP-1	-	STRAIGHT HORIZONTAL SIGNAL MA MOUNT AT 21' HIGH APS 1 TENON FOR FUTURE FBC MIDWAY BETWEEN MAS SIGNALS
G	1-A (10')	-		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	-	APS 1
H	17-2-100	20	172	81 84	3S12" 3S12"	SV-1-T MAS	T T		88	1S-COUNT	SP-1	-	APS 1
I	1-A (10')	-		65	3S12"	TV-1-T	T		69	1S-COUNT	SP-1	-	APS 1 TSP 2
J	PPBP POLE	-		-	-	-	-		-	-	-	-	APS 1

MOUNT SIGNAL 27 BETWEEN YELLOW AND GREEN 3

MOUNT SIGNAL 67 BETWEEN YELLOW AND GREEN 3

*OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGEND, SPECIAL PROVISIONS, AND STANDARD SPECIFICATIONS.
FOR TYPE OF STANDARD, VEHICLE AND PEDESTRIAN SIGNAL MOUNTING, SEE CALTRANS STANDARD PLANS OR DETAIL DRAWINGS.

- 1 INSTALL APS WIRING AS SHOWN IN CONDUIT AND WIRING SCHEDULE. CITY FORCES TO INSTALL CITY FURNISHED APS UNIT.
2 INSTALL CITY FURNISHED TSP WIRING FROM TS OR COMBINED POLES WITH 3 FEET OF SLACK TO TS CABINET.
3 INSTALL CITY FURNISHED TRAFFIC CAMERA AND CONTRACTOR FURNISHED WIRING.
4 FOR STREETLIGHT WORK, SEE SL-SERIES PLANS.

FOR ORIGINAL SIGNATURES, SEE ET-121.1, REV 0

3	11/10/20	CONFORMED SET: UPDATED W/RFI #998	KK	MV	CL
2	7/18/19	LATEST DRAWING	KK	MV	CL
1	03/2018	UPDATED POLE STANDARD AND SPECIAL REQUIREMENT, UPDATED POLES A,B, AND F; ADDED FBC TENON NOTE	KK	MV	CL
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED	K. KWONG
DRAWN	K. KWONG
CHECKED	R. ZAMORA/C. LUU
REVIEWED	C. LUU
RECOMMENDED	P. WILSON
APPROVED	R. OLEA
DATE	12/4/2015



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

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MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

JACKSON STREET
CONDUCTOR POLE AND EQUIPMENT SCHEDULES

1289

ET-121.1

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REVISION

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CONDUIT AND WIRING SCHEDULE																														
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CONDUIT SIZE (INCH)	2	2	2	2	2	2	2	1	3	2	2	2	2	3	2	1	2	2	2	2	2	2	2	2	2	3	2	2	3	2
				SP	SP							SP	SP		SP	GRS		SP				SP	SP				SP	SP		
VEHICLE SIGNAL Ø21	3		3							3				3																
VEHICLE SIGNAL Ø24	3		3							3				3																
VEHICLE SIGNAL Ø27	3		3							3				3																
PED SIGNAL Ø28P	2		2							2				2																
APS PPB FOR XING VAN NESS NS ON POLE A	2		2							2				2																
VEHICLE SIGNAL Ø85		3	3							3				3																
PED SIGNAL Ø89P		2	2							2				2																
APS PPB FOR XING JACKSON ES ON POLE B		2	2							2				2																
PED SIGNAL Ø48P						2			2		2			2																
APS PPB FOR XING JACKSON ES ON POLE C						2			2		2			2																
VEHICLE SIGNAL Ø25							3		3		3			3																
PED SIGNAL Ø29P							2		2		2			2																
APS PPB FOR XING VAN NESS SS ON POLE D								2	2		2			2																
APS PPB FOR XING VAN NESS NS ON POLE J																2	2				2					2				
VEHICLE SIGNAL Ø65																				3		3				3				
PED SIGNAL Ø69P																				2		2				2				
APS PPB FOR XING VAN NESS NS ON POLE I																			2		2					2				
VEHICLE SIGNAL Ø81																				3		3				3				
VEHICLE SIGNAL Ø84																				3		3				3				
PED SIGNAL Ø88P																				2		2				2				
APS PPB FOR XING JACKSON WS ON POLE H																				2		2				2				
VEHICLE SIGNAL Ø82																								3		3				
PED SIGNAL Ø49P																								2		2				
APS PPB FOR XING JACKSON WS ON POLE G																								2		2				
VEHICLE SIGNAL Ø61																														

1. FOR VMS WIRING, CONTRACTOR SHALL REFER TO SHEET ET-134.

2	11/10/20	CONFORMED SET: UPDATED W/R/FI #591					KK	MV	CL
	7/18/19	LATEST DRAWING					KK	MV	CL
No.	Date	Description					Revised	Checked	Approved
REVISIONS									

DESIGNED	K. KWONG
DRAWN	K. KWONG
CHECKED	R. ZAMORA/C. LIU
REVIEWED	C. LIU
RECOMMENDED	P. WILSON
APPROVED	R. OLEA
DATE	12/4/2015



APPROVED

for the DIRECTOR OF TRANSPORTATION

JACKSON STREET CONDUIT AND WIRING SCHEDULES

1289

ET-121.2

ET-204

VISION

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