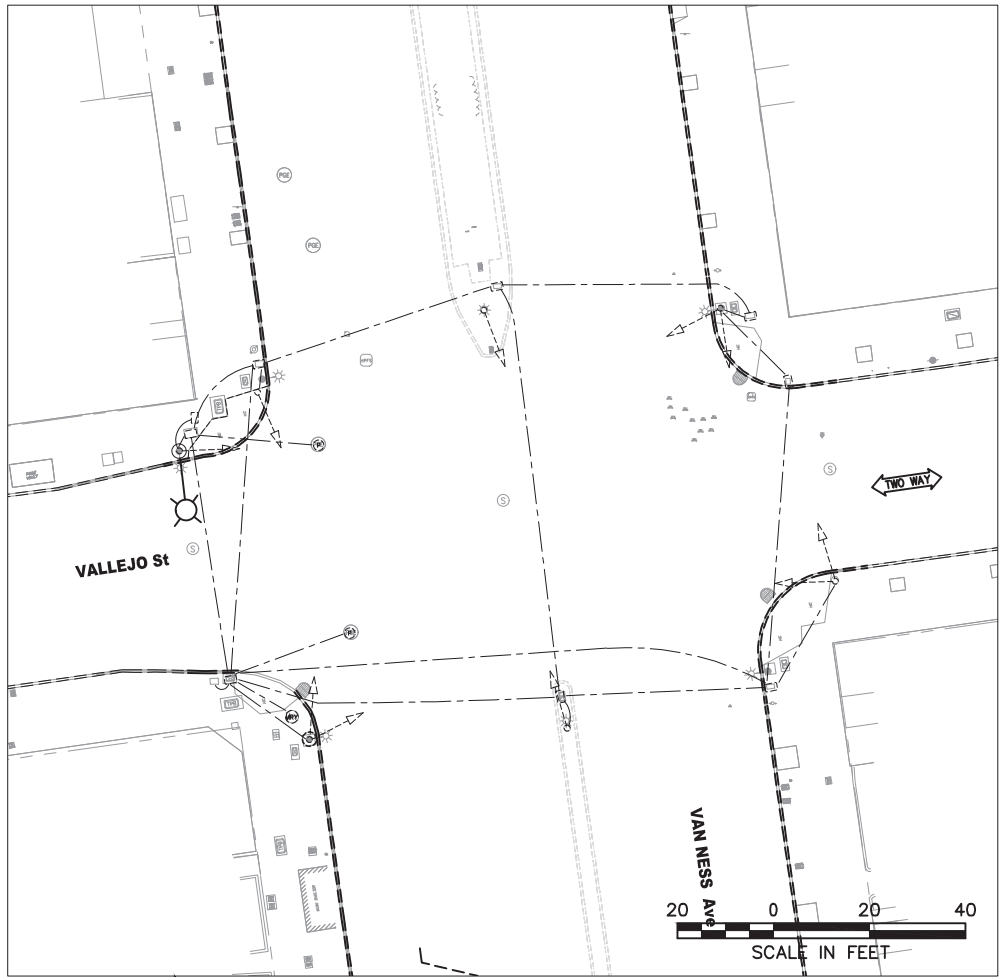


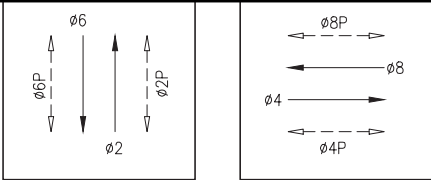


EXISTING EQUIPMENT

4/22/21 Traffic Signal Switchover
9:20am Dark, 9:40am Emergency Flash, 9:42am 3-color.
APS not installed yet.

Staff

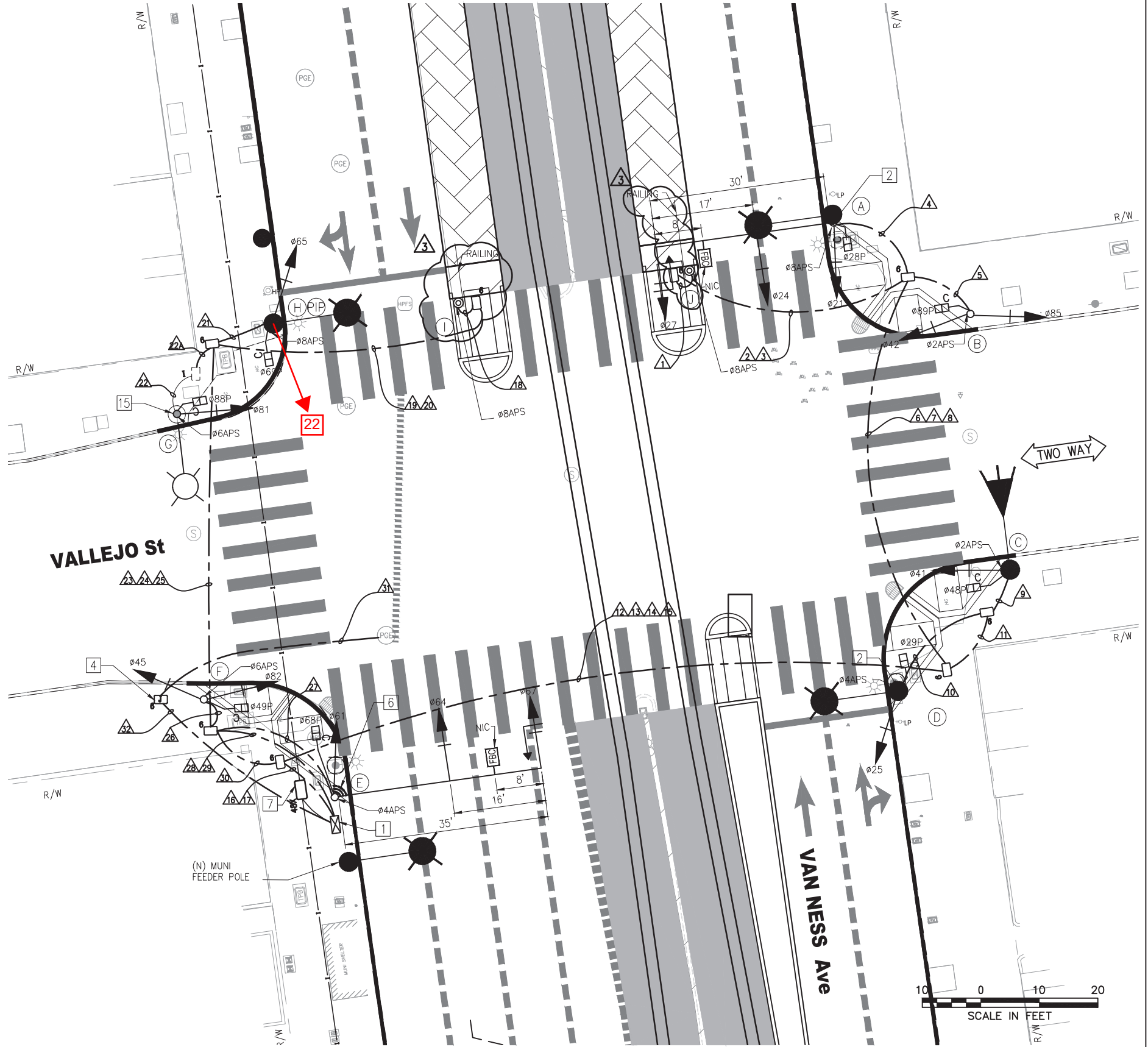
Ken Kwong (TE), Kevin Shue (TE), Manito Velasco (TE),
Kristen Nugent (TE), Phong Nguyen (Signal Shop),
Dennis Verhalen (Signal Shop), Glenn Wilson (CPC),
Cameron Peters (Phoenix), Wilson Lew (Phoenix)



PHASE DIAGRAM

4, 6/15/22, SRC 2022-147 INSTALLED 3-SECTION RED, YELLOW, GREEN UP ARROW 12" SIGNAL (22) ON POLE H.

FOR ORIGINAL SIGNATURES, SEE ET-124.0, REV 0



I:\T_E_FILES\SP\Projects\Van Ness BRT\Signal Design\CADD\ CPTB401ETBS - 100% Rev. 3-3-21.dwg KKWONG Tue Mar 09,2021 - 12:17 pm

3	11/10/20	CONFORMED SET: UPDATED WITH FM#387	KK	MV	CL
SK	10/13/20	PER POLE LAYOUT: POLE I & J W/ ASSOCIATED PBOX	KK	MV	CL
2	7/18/19	LATEST DRAWING	KK	MV	CL
SK	9/28/18	PER POLE LAYOUT: PIP FOR POLE H & OTHER POLES	KK	MV	CL
		PER LAYOUT WALKTHROUGH			
1	03/2018	ADDED FBC SIGNS ON POLES A AND E; UPDATED PULLBOXES & CONDUITS AT POLE G	KK	MV	CL
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

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

VALLEJO STREET
TRAFFIC SIGNAL WORK

1289

ET-124.0

ET-204

REVISION

4

F:\T.E. FILES\Spa\Projects\Van Ness BRT\Signal Design\CADD\ CPTB401ETBS - 100% Rev. 3-3-21.dwg KKWONG Tue Mar 09,2021 - 12:17 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		
Ⓐ	SIGNAL, SL & OCS COMBO POLE	30	2302 232	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 ⬠ TENON FOR FUTURE FBC MIDWAY BETWEEN MAS SIGNALS
Ⓑ	1-A (10')	-		42 85	3S12" 3S12"	TV-2-T	T T		89	1S-COUNT	SP-1	-	APS ⬠
Ⓒ	NEW SL (CITY STD)	-	151	41	3S12"	SV-1-T	T		48	1S-COUNT	SP-1	-	APS ⬠
Ⓓ	SIGNAL, SL & OCS COMBO POLE	-	2260 228	25	3S12"	SV-1-T	T		29	1S-COUNT	SP-1	-	APS ⬠
Ⓔ	SPECIAL MAST ARM POLE (23-4-100)	35		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 ⬠ TSP ⬠ TENON FOR FUTURE FBC MIDWAY BETWEEN MAS SIGNALS
Ⓕ	1-A (10')	-		45 82	3S12" 3S12"	TV-2-T	T T		49	1S-COUNT	SP-1	-	APS ⬠
Ⓖ	EXISTING SL	-		81	3S12"	SV-1-T	T		88	1S-COUNT	SP-1	-	APS ⬠
Ⓗ	SIGNAL, SL COMBO POLE	-	231	22 65	3S12"GUA 3S12"	SV-1-T SV-1-T	T T		69	1S-COUNT	SP-1	-	APS ⬠ MOUNT SIGNAL 22 AT 13' HIGH PIP - INSTALL NEW POLE IN PLACE OF EXISTING POLE
Ⓘ	PPBP POLE	-		-	-	-	-		-	-	-	-	APS ⬠
Ⓙ	PPBP POLE	-		-	-	-	-		-	-	-	-	APS ⬠

MOUNT SIGNAL 27 BETWEEN YELLOW AND GREEN ⚠

MOUNT SIGNAL 67 BETWEEN YELLOW AND GREEN ⚠

*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.

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

4, 6/15/22, SRC 2022-147 INSTALLED 3 SECTION RED, YELLOW, GREEN UP ARROW 12" SIGNAL ON POLE H.

FOR ORIGINAL SIGNATURES, SEE ET-124.1, REV 0

3	11/10/20	CONFORMED SET: UPDATED WITH RFI#998	KK	MV	CL
2	7/18/19	LATEST DRAWING	KK	MV	CL
SK	9/28/18	PER POLE LAYOUT: PIP FOR POLE H	KK	MV	CL
1	03/2018	UPDATED POLE STANDARD AND SPECIAL REQUIREMENT; UPDATED POLES A AND E; ADDED FBC TENON NOTE	KK	MV	CL
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

BORDER REVISED 11/17/05

DESIGNED	K. KWONG
DRAWN	K. KWONG
CHECKED	R. ZAMORA/C. 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

VALLEJO STREET
CONDUCTOR POLE AND EQUIPMENT SCHEDULES

1289

ET-124.1

ET-204

REVISION

4

[illegible]

FOR ORIGINAL SIGNATURES, SEE ET-124.2, REV 0

3	11/10/20	CONFORMED SET: UPDATED WITH RFI#591	KK	MV	CL
2	7/18/19	LATEST DRAWING	KK	MV	CL
1	03/2018	ADDED CONDUIT RUN 22A AND WIRES	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



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

VALLEJO STREET
CONDUIT & WIRING SCHEDULES

1289

FT-124.2

ET-204

4