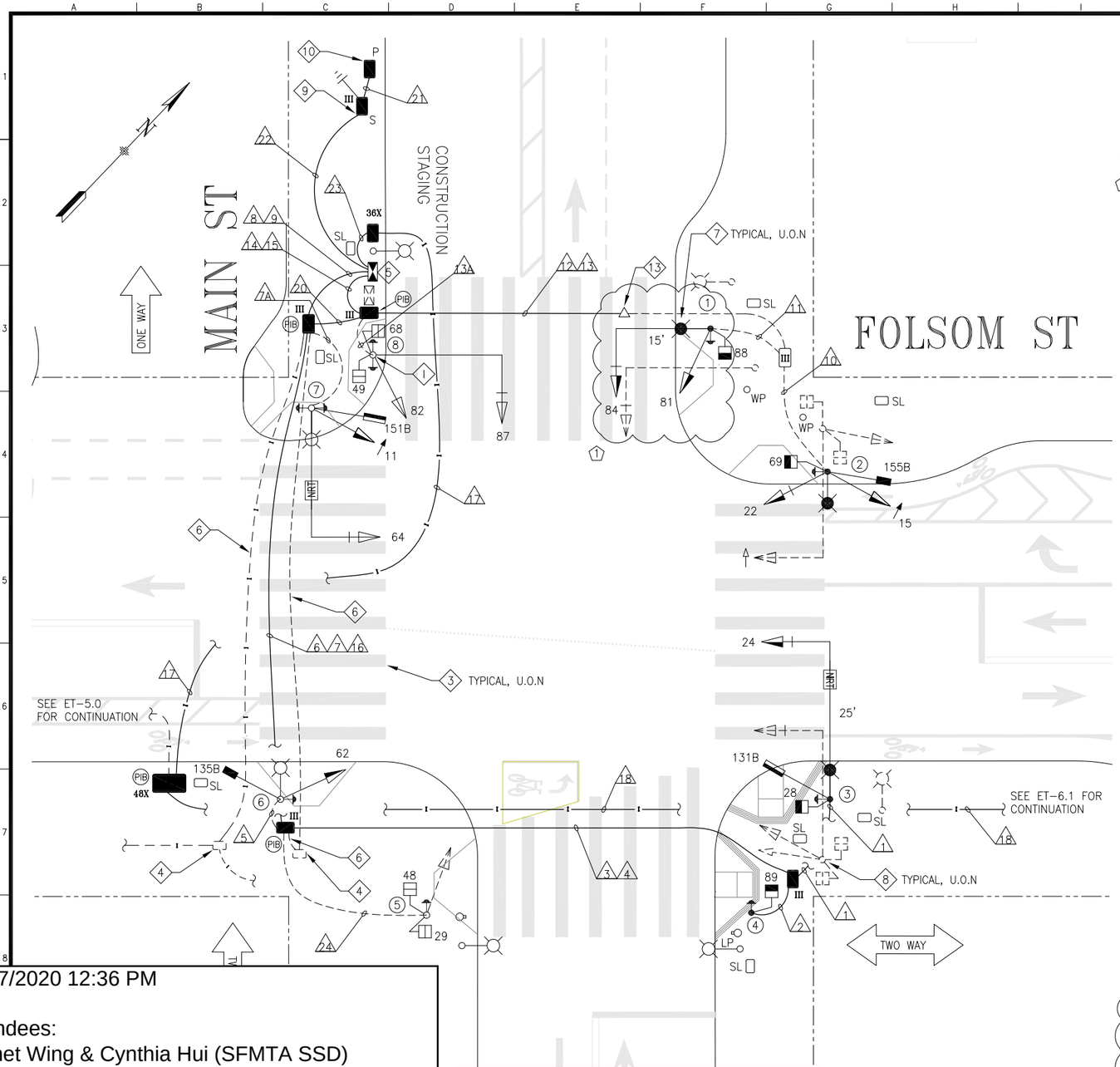


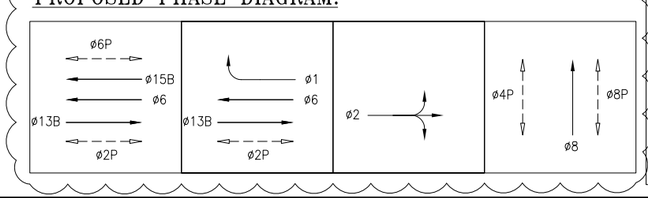
POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	VEHICLE SIGNAL No.	VEHICLE SIGNAL TYPE	VEHICLE SIGNAL MOUNTING	VISORS	LOUVERS	PEDESTRIAN SIGNAL (12) No.	PEDESTRIAN SIGNAL TYPE	PEDESTRIAN SIGNAL MOUNTING	REMARKS
1	**17-2-100 POLE WITH 15-FT MAST ARM (14) 6-FT LUMINAIRE ARM**	**81 84**	**3S12" 3312"**	**SV-1-T MAS**	**T T**		**88**	**1S-COUNT**	**SP-1**	**APS (2) BACKPLATE**
2	**CITY STANDARD STREETLIGHT (14)**	**15 22 155B**	**3S12"RA 3S12" 3S8"BIKE**	**SV-2-TA SV-1**	**T T T**		**69**	**1S-COUNT**	**SP-1**	**MOUNT SIGNAL 15 AT 13' MOUNT SIGNAL 22 AT 13' MOUNT SIGNAL 155B AT 8' APS (2)**
3	**19-3-100 POLE WITH 25-FT MAST ARM AND 6-FT LUMINAIRE ARM**	**24 131B NRT**	**3S12" 3S12"BIKE NRT**	**MAS SV-1-T MAS**	**T T T**		**28**	**1S-COUNT**	**SP-1**	**APS (2) BACKPLATE EXTING NRT SIGN**
4	**1-A (10')**						**89**	**1S-COUNT**	**SP-1**	**APS (2)**
5	1-A (10')						48 29	1S-COUNT 1S-COUNT	SP-1 SP-1	**APS (2)**
6	(E) STREETLIGHT	**62 135B**	**3S12" 3S8"BIKE**	**SV-1-T SV-1-T (2)**	**T T**					**MOUNT SIGNAL 62 AT 13' MOUNT SIGNAL 135B AT 8'**
7	17-3-100 POLE WITH 20-FT MAST ARM AND 6-FT LUMINAIRE ARM	**11 151B 64 NRT**	**3S12"RA 3S12"BIKE 3S12" NRT**	**SV-2-T-SF MAS MAS**	**T T T T**					**APS (2) BACKPLATE EXTING NRT SIGN**
8	17B-1-70 POLE WITH 20-FT MAST ARM AND 6-FT LUMINAIRE ARM	82 87	3S12" 3S12"	SV-1-T MAS	T T		49 68	1S-COUNT 1S-COUNT	SP-1 SP-1	**APS (2)**

SHEET NOTES:

1. CITY FORCES TO RELOCATE TRANSIT SIGNAL PRIORITY DEVICE TO POLE 1
2. CITY FORCES TO INSTALL CITY FURNISHED APS BUTTONS ON POLES AS SHOWN ON INTERSECTION DRAWING AND AS INDICATED IN POLE & EQUIPMENT SCHEDULE. CONTRACTOR TO INSTALL APS WIRING AS INDICATED IN CONDUIT AND WIRING SCHEDULE
3. STRIPING TO BE INSTALLED BY CITY FORCES
4. R/C UNUSED PULLBOX, SEE GENERAL NOTES DWG ET-0.3
5. CITY FORCES TO FURNISH 2070 CONTROLLER AND 352i-ATC CABINET FOR CONTRACTOR TO INSTALL. FOUNDATION PER CALTRANS TYPE 332 WITH MODIFIED 17"X16" CONDUIT OPENING
6. ABANDON EXISTING CONDUIT AND WIRING, CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL AND CAP ENDS. PRIOR TO ABANDONING CONDUIT, WIRING, AND PULLBOXES, CONTRACTOR TO FIELD VERIFY IF THERE ARE ANY EXISTING CIRCUITS TO BE MAINTAINED
7. REFER TO STREETLIGHT ELECTRICAL DRAWINGS FOR SERVICE CONNECTION, FIXTURE TYPE, AND CONDUIT ROUTING
8. R/C STREETLIGHT AND TRAFFIC SIGNAL POLES AND FOUNDATION, U.O.N. DURING POLE LAYOUT. RESTORE CURB RAMP
9. PROVIDE 40A FUSE FOR TRAFFIC SIGNAL SERVICE AND 40A FUSE FOR STREET LIGHT SERVICE. PROVIDE LABELING
10. REFER TO PG&E CONSTRUCTION SKETCH FOR EXACT LOCATION OF THE PG&E SERVICE. COORDINATE WITH PG&E AND INFORM SFPUC FOR SERVICE ACTIVATION.
11. COORDINATE WITH PG&E AND INFORM SFPUC TO DISCONNECT EXISTING TRAFFIC SIGNAL SERVICE AFTER ACTIVATION OF NEW INTERSECTION SIGNALS. PROVIDE 45 DAYS NOTICE PRIOR TO DISCONNECTING EXISTING SERVICE. CONTRACTOR TO FIELD VERIFY AND MAINTAIN EXISTING CIRCUITS.
12. INSTALL CITY-FURNISHED ONE SECTION LED PEDESTRIAN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING
13. CONTRACTOR TO CONNECT CONDUIT TO PREVIOUSLY STUBBED CONDUIT AT TRAFFIC RATED HAND-HOLE
14. F/I POLE ON EXISTING FOUNDATION

PROPOSED PHASE DIAGRAM:



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.

12/17/2020 12:36 PM

Attendees:
Garnet Wing & Cynthia Hui (SFMTA SSD)
Dennis Verhalen & Phong Nguyen (Signal Shop)
Alfredo Cuellar (SFPW CM)
Dennis Tse & Torn Saelee (Bay Area Lightworks)

APS not installed at time of switchover

6/22/2021

APS units installed per SRC 2020-347 (G. Wing)

NO.	DATE	DESCRIPTION	BY	APP.
2	4/24/20	REVISE POLE 7 MOUNTING PER RFI #119	GW	CH
1	1/28/20	REVISE POLES 1&2, PHASING	GW/GL	CH/SL

TABLE OF REVISIONS
THIS DRAWING WAS LAST MODIFIED: 01/25/21 17:15, BY: gwing

DESIGN & ENGINEERING
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

Section Mgr: Date:
Deputy Division Mgr:
Division Mgr: PATRICK RIVERA

DESIGNED: SW/CMF	DATE: 1/2017	
DRAWN: SW/CMF	DATE: 12/2018	
CHECKED: CH/SL	DATE: 12/2018	

SCALE: 1" = 10'
SHEET OF SHEETS: OF

FOLSOM STREETSCAPE IMPROVEMENT PROJECT

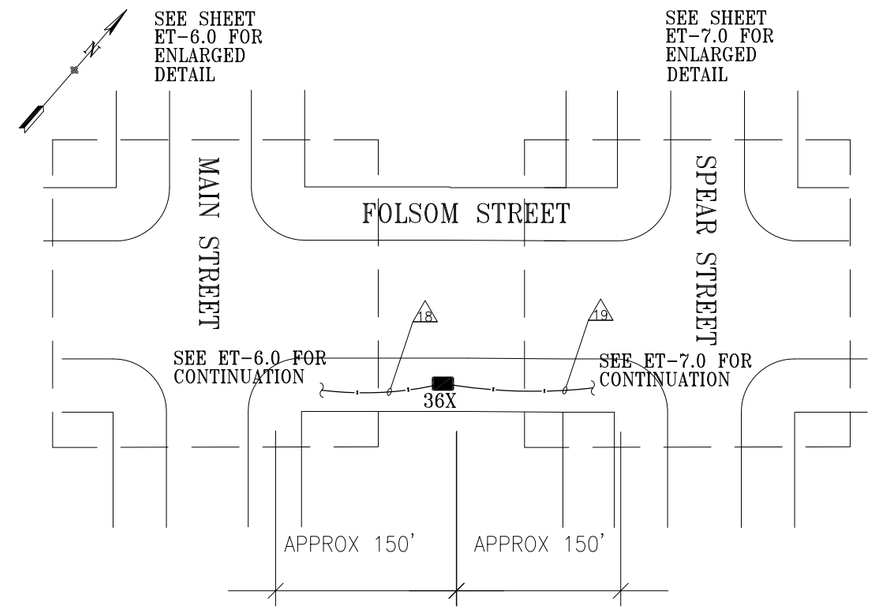
MAIN STREET AND FOLSOM STREET TRAFFIC SIGNAL WORK

CONTRACT NO. 2148J
DRAWING NO. ET-6.0
FILE NO. 109,849
REV. NO. 2

Drawing Path: T:\T_E_FILES\Construction Section_PERSONNEL\GWing\Projects\2148J - Transbay Folsom Streetscape\PROJECTS\2148J - Folsom Streetscape PCO #3\PCO #3 Revised\2148J Folsom Streetscape E_Floor.dwg
Plot Time: Mon, 25 Jan 2021 - 5:24pm
Model Units: Undefined
Measurement Units are English

CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)

CONDUIT RUN NUMBER	1	2	3	4	5	6	7	7A	8	9	10	11	12	13A	13	14	15	16	17	18	19	20	21	22	23	24
CONDUIT SIZE (INCH)	2	2	2	2	EX	2	2	EX	3	2	EX	EX	2	EX	2	3	2	2	2	2	2	2	3	2	2	2
				SP						SP					SP		SP	SP	HDPE	HDPE	HDPE	SP			HDPE	EX
NOTES																			(2)	(1)	(1)				(2)	
VEHICLE SIGNAL 62					3		3		3																	
APS PPB FOR FOLSOM ST ON POLE 6					2		2		2																	
BIKE SIGNAL 135B					3		3		3																	
PED SIGNAL 89		2	2			2			2																	
APS PPB FOR MAIN ST ON POLE 4		2	2			2			2																	
VEHICLE SIGNAL 24	3		3			3			3																	
PED SIGNAL 28	2		2			2			2																	
APS PPB FOR FOLSOM ST ON POLE 3	2		2			2			2																	
BIKE SIGNAL 131B	3		3			3			3																	
NRT ON POLE 3	2		2			2			2																	
VEHICLE SIGNAL 15											3		3			3										
VEHICLE SIGNAL 22											3		3			3										
PED SIGNAL 69											2		2			2										
APS PPB FOR FOLSOM ST ON POLE 2											2		2			2										
BIKE SIGNAL 155B											3		3			3										
VEHICLE SIGNAL 84												3	3			3										
VEHICLE SIGNAL 81												3	3			3										
PED SIGNAL 88												2	2			2										
APS PPB FOR MAIN ST ON POLE 1												2	2			2										
VEHICLE SIGNAL 87														3		3										
(1) VEHICLE SIGNAL 82														3		3										
PED SIGNAL 49														2		2										
PED SIGNAL 68														2		2										
APS PPB FOR MAIN ST ON POLE 8														4		4										
VEHICLE SIGNAL 11								3	3																	
APS PPB FOR FOLSOM ST ON POLE 7								4	4																	
BIKE SIGNAL 151B								3	3																	
NRT ON POLE 7								2	2																	
VEHICLE SIGNAL 64								3	3																	
APS PPB FOR FOLSOM ST ON POLE 5							2		2																	2
(1) PED SIGNAL 29							2		2																	2
PED SIGNAL 48							2		2																	2
#14 NEUTRAL	4	1			2			3			3	3		4												2
#14 SPARE			3		(1)	3	3		3				3			3										
TOTAL #14 WIRES	16	5	19		10	19	17	18	48	(1)	16	13	26	18		40										8
#10 WIRES NEUTRAL			1			2	2		3				1			2										
#10 WIRES STREET LIGHT																										
#8 WIRES STREET LIGHT																										
#8 WIRES (120 V SERVICE)																							3	2		
#6 BSCW (SEE SHEET NOTE 1)																										
INTERCONNECT 12C CABLE																			1	2	2				1	



INTERCONNECT WIRING DETAIL (1)

NOT TO SCALE

DETAIL NOTES:

(1) PROVIDE 4-2" HDPE CONDUITS IN THE SAME TRENCH AND PROVIDE 2-12C CABLE IN ONE OF THE CONDUITS

(2) PROVIDE 2-2" HDPE CONDUITS IN THE SAME TRENCH AND PROVIDE 1-12C CABLE IN ONE OF THE CONDUITS

NO.	DATE	DESCRIPTION	BY	APP.
1	10/13/20	REVISE WIRING PER RFI #147	GW	CH

TABLE OF REVISIONS

THIS DRAWING WAS LAST MODIFIED: 01/25/21 17:15, BY: gwing

REFERENCE INFORMATION & FILE NO. OF SURVEYS

SEAL OF THE CITY AND COUNTY OF SAN FRANCISCO

SAN FRANCISCO PUBLIC WORKS

DESIGN & ENGINEERING
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

Section Mgr: Date:
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Division Mgr: PATRICK RIVERA

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SCALE:

SHEET OF SHEETS: OF

FOLSOM STREETSCAPE IMPROVEMENT PROJECT

MAIN STREET AND FOLSOM STREET CONDUIT AND WIRING SCHEDULE

CONTRACT NO. 2148J
DRAWING NO. ET-6.1
FILE NO. 109,850
REV. NO. 1

Drawing Path: T:\T_E_FILES\Construction Section_PERSONNEL\GWing\Projects\2148J - Transbay Folsom Streetscape\Version #3\PCO #3 Revised\2148J Folsom Streetscape_E_Fl05K.dgn
Plot Time: Mon, 25 Jan 2021 - 5:29pm
Measurement Units are English
Model Units: Undefined