

9/22/2017  
Activation of mast arm Signal #44 by Bay Area Lightworks

11/29/2017  
Activation of mast arm Signal #84 by Bay Area Lightworks

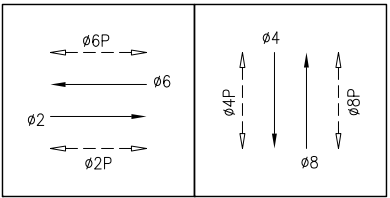
NOTE:  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED 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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	17-2-100 WITH 20' MA AND 6' LA	LED 106W	81 84	3S12" 3S12"	SV-1-T MAS	T T	HORIZONTAL ON 84 GREEN	88	1S-COUNT	SP-1 (22")	② BACKPLATE APS-4W
②	MARBELITE (10')		22	3S12"	TV-1-T	T		69	1S-COUNT	SP-1	② APS-4W
③	MARBELITE SL		21	3S12"	SV-1-T	T					APS-4W
④	MARBELITE SL		42	3S12"	SV-1-T	T		28 89	1S-COUNT 1S-COUNT	SP-2-SF	APS-4W
⑤	TAPER TUBE		43	3S12"	TV-1-T	T					
⑥	17-2-100 WITH 20' MA AND 6' LA	LED 106W	41 44	3S12" 3S12"	SV-1-T MAS	T T		29 48	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1 (22")	BACKPLATE APS-4W
⑦	MARBELITE (10')		61	3S12"	TV-1-T	T					APS-4W
⑧	CITY STANDARD SL		62 82	3S12" 3S12"	SV-2-TC	T T		49 68	1S-COUNT 1S-COUNT	SP-2-SF	APS-4W APS-4W
⑨	MARBELITE (10')		83	3S12"	TV-1-T	T					

SHEET NOTES:

- ① REMOVE (E) VEHICLE SIGNALS AND RECONNECT (N) VEHICLE SIGNALS TO (E) CIRCUIT.
- ② INSTALL (N) VEHICLE SIGNAL & WIRES. CONNECT TO (E) CIRCUIT AT TERMINAL COMPARTMENT.
- ③ F/I 1-2" GALVANIZED RIGID STEEL CONDUIT WITH PULL TAPE
- ④ PULL BACK (E) STREET LIGHT WIRING TO NEAREST PULLBOX, AND EXTEND TO (N) STREET LIGHT POLE
- ⑤ INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING
- ⑥ INSTALL (N) VEHICLE SIGNAL & WIRES. EXTEND (E) TRAFFIC SIGNAL WIRING IN NEAREST (E) PULL BOX FOR CONNECTION. IF (E) WIRE DOES NOT REACH NEW SIGNAL, SPLICE FOR CONNECTION.
- ⑦ INTERCEPT (E) CONDUIT AND BRING INTO (E) PULLBOX. EXTEND (E) WIRING INTO (E) PULLBOX.

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	POST ST EB & WB (ø2 & ø6)	
R	G	Y R	WEBSTER ST SB & NB (ø4 & ø8)	
WM	FRH	RH	PEDS XING WEBSTER ST SS & NS (ø2P & ø6P)	
RH	WM	FRH RH	PEDS XING POST ST WS & ES (ø4P & ø8P)	

NO.	DATE	DESCRIPTION	BY	APP.
②	06/2017	RFI 4-POLE 1 & CONDUIT RELOCATION	NK	DY
①	05/2017	PCO 1-ADDITION OF SIGNAL 82	NK	GD
TABLE OF REVISIONS				

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



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:	DATE:
DY/NL	10/2016
DRAWN:	DATE:
DY/NL	10/2016
CHECKED:	DATE:
GD/SL	10/2016



SCALE:
AS SHOWN
SHEET OF SHEETS
18 OF 23

WEBSTER STREET  
PEDESTRIAN COUNTDOWN SIGNAL UPGRADE

POST STREET AND WEBSTER STREET  
TRAFFIC SIGNAL WORK

CONTRACT NO.	2785j
DRAWING NO.	E-5.0
FILE NO.	108,882
REV. NO.	0