

| POLE AND EQUIPMENT SCHEDULE | | | | | | | | | | |
|-----------------------------|---|---------------------------|----------------|----------------|---------------|--------|---------|-------------------|----------|-----------|
| POLE No. | TYPE OF POLE | LUMINAIRE VOLTAGE/WATTAGE | VEHICLE SIGNAL | | | | | PEDESTRIAN SIGNAL | | |
| | | | No. | TYPE | MOUNTING | VISORS | LOUVERS | No. | TYPE | MOUNTING |
| 2 | 1-A(10') | | 22 | 3S12" | TV-1-T | T | | 69 | 1S-COUNT | SP-1 |
| 3 | CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE | 6 | 21 | 3S12" | SV-1-T | T | | 28 | 1S-COUNT | SP-1 |
| 4 | 1-A(10') | | 42 | 3S12" | TV-1-T | T | | 89 | 1S-COUNT | SP-1 |
| 5 | 17-1-70 W/15' MAST ARM & 6' NEW LUMINAIRE FIXTURE | 6 | 41 44 | 3S12" 3S12" | SV-1-T MAS | T T | | 48 | 1S-COUNT | SP-1 |
| 6 | 1-A(10') | | 62 | 3S12" | TV-1-T | T | | 29 | 1S-COUNT | SP-1 |
| 7 | 17-1-70 W/20' MAST ARM & 6' NEW LUMINAIRE FIXTURE | 6 | 61 64 | 3S12" 3S12" | SV-1-T MAS | T T | | 68 | 1S-COUNT | BACKPLATE |
| 8 | 1-A(10') | | 82 | 3S12" | TV-1-T | T | | 49 | 1S-COUNT | SP-1 |

GENERAL NOTES:

1. CONTRACTOR SHALL CONTACT SFMTA SIGNAL SHOP TO UNINSTALL AND REINSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.

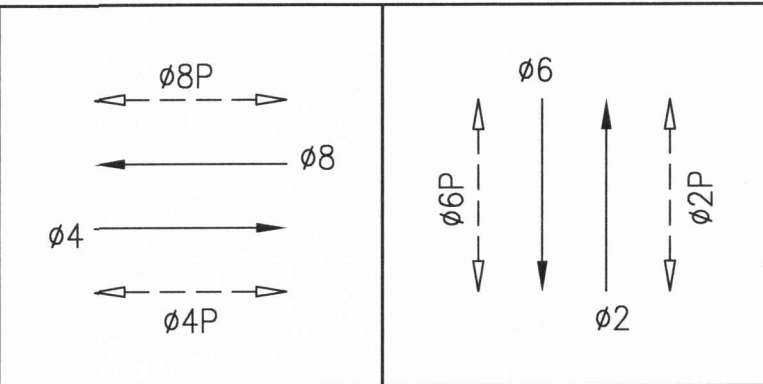
SHEET NOTES:

- 1 ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL. CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- 2 CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- 3 CONTRACTOR TO PULL THE (E) THREE (3) WIRES (INCLUDING NEUTRAL FEEDING THE EXISTING PED SIGNAL TO BE REMOVED FROM POLE 6) BACK TO PULL BOX.
- 4 SPLICE NEW #14 NEUTRALS TO EXISTING #10 NEUTRAL.
- 5 F/I THREE SETS OF 40A INLINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND TWO FOR STREET LIGHTING DISCONNECT. ONE OF THE STREET LIGHT DISCONNECT SHALL BE FOR THE NORTH LIGHTS ON 2ND ST BETWEEN TOWNSEND AND BRANNAN. THE OTHER STREET LIGHT DISCONNECT SHALL BE FOR THE SOUTH LIGHTS ON 2ND ST BETWEEN TOWNSEND AND BRANNAN. PROVIDE PROPER LABELING TO DISTINGUISH THE FUSE BETWEEN THE NORTH AND SOUTH LIGHTS.
- 6 REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- 7 REUSE EXISTING WIRES FOR NEW TRAFFIC SIGNAL DEVICE.

ET-1 = 3S12" (x7)
ET-6 = TV-1-T (x4)
ET-8 = SV-1-T (x3)
ET-15 = 1SCOUNT (x5)
ET-16 = Labor (x5)
ET-17 = SP-1 (x5)
ET-25 (1-A 13ft) = 1 EA
ET-39 (1-2" PVC) = 12ft
ET-34 (Type III) = 1 EA

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.

PHASE DIAGRAM



PHASE SEQUENCE

| | | | | | |
|----|-----|----|----|-----|---|
| G | Y | R | | | TOWNSEND ST. (EB & WB) - Ø2 & Ø6 |
| R | | G | Y | R | 2ND ST. (SB & NB) - Ø4 & Ø8 |
| WM | FRH | | | RH | PED XING 2ND ST. (SS & NS) - Ø2P & Ø6P |
| | | RH | WM | FRH | RH |
| | | | | | PED XING TOWNSEND ST. (WS & ES) - Ø4P & Ø8P |

| NO. | DATE | DESCRIPTION | BY | APP. |
|--------------------|--------|-----------------------------|----|------|
| 1 | 7/1/19 | PCO #36 Streetlight Service | ST | SL |
| 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: | Philip Thwin |
| Deputy Bureau Mgr: | Iqbal Dhapa |
| Bureau Mgr: | Patrick Rivera |

| | |
|-----------|-------|
| DESIGNED: | DATE: |
| SS/ZH | 09/16 |
| DRAWN: | DATE: |
| SS/ZH | 09/16 |
| CHECKED: | DATE: |
| GD/SL | 09/16 |



| |
|-----------------|
| SCALE: |
| AS SHOWN |
| SHEET OF SHEETS |
| OF |

2ND STREET STREETSCAPE
IMPROVEMENTS PROJECT
2ND STREET AND TOWNSEND STREET
TRAFFIC SIGNAL WORK

| | |
|--------------|---------|
| CONTRACT NO. | 1064J |
| DRAWING NO. | ET-9.0 |
| FILE NO. | 106,281 |
| REV. NO. | 1 |