

SIGNAL UPGRADES SWITCHED OVER 6/30/2016  
DARK AT 11:09 AM; 3-COLOR AT 11:55 AM  
J. HORNOSTEL (MTA); L. LIMBO (SFPW);  
D. VERHALEN & A. COUGHLAN (SIGNAL SHOP)

SACRAMENTO ST

DIVISADERO ST

10 0 10 20  
SCALE IN FEET

| POLE AND EQUIPMENT SCHEDULE |                            |                           |                |                |            |        |         |                   |                           |   |
|-----------------------------|----------------------------|---------------------------|----------------|----------------|------------|--------|---------|-------------------|---------------------------|---|
| POLE No.                    | TYPE OF POLE               | LUMINAIRE VOLTAGE/WATTAGE | VEHICLE SIGNAL |                |            |        |         | PEDESTRIAN SIGNAL |                           |   |
|                             |                            |                           | No.            | TYPE           | MOUNTING   | VISORS | LOUVERS | No.               | TYPE                      | MOUNTING  |
| ①                           | CITY STANDARD STREET LIGHT |                           | 26<br>61       | 3S12"<br>3S12" | SV-2-TA    | T<br>T |         | 68                | 1S-COUNT<br>②             | SP-1  |
| ②                           | CITY STANDARD STREET LIGHT | 150W                      | 82             | 3S12"          | SV-1-T     | T      |         | 49                | 1S-COUNT<br>②             | SP-1  |
| ③                           | MARBELITE (10')            |                           | 22<br>81       | 3S12"<br>3S12" | TV-2-T-SFA | T<br>T |         | 69<br>88          | 1S-COUNT<br>1S-COUNT<br>② | SP-1-SF(12")<br>SP-1(22")<br>MOUNT SIGNAL 69 ON WEST SIDE OF POLE |
| ④                           | EX MUNI POLE W/ 6' LA      |                           | 21             | 3S12"          | SV-1-T     | T      |         | 28                | 1S-COUNT<br>②             | SP-1  |
| ⑤                           | 1-A (10')                  |                           | 42             | 3S12"          | TV-1-T     | T      |         | 89                | 1S-COUNT<br>②             | SP-1  |
| ⑥                           | EX MARBELITE STREET LIGHT  |                           | 41             | 3S12"          | SV-1-T     | T      |         | 48                | 1S-COUNT                  | SP-1  |
| ⑦                           | EX MUNI POLE W/ 6' LA      |                           | 62             | 3S12"          | SV-1-T     | T      |         | 29                | 1S-COUNT<br>②             | SP-1  |

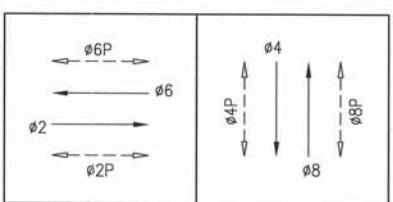
SHEET NOTES

- ① ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL AND 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 TO INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING.
- ③ CONTRACT TO R/S STREETLIGHT POLE AND ARM AND DELIVER TO PUC YARD. CONTRACTOR TO R/C LUMINAIRE.
- ④ SPLICE NEW STREETLIGHT WIRING TO EXISTING STREETLIGHT WIRING TO MAINTAIN STREETLIGHT CIRCUIT.
- ⑤ FOR TREE PRUNING AT THE SE CORNER, CONTACT DEPARTMENT OF PUBLIC WORKS BUREAU OF URBAN FORESTRY AT (415) 554-6700.
- ⑥ REMOVE EXISTING CABLES EXCEPT SERVICES TO STREETLIGHTS AND INTERCONNECT CABLES WHERE APPLICABLE. PRIOR TO REMOVAL OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN EXISTING SERVICES TO STREETLIGHTS AND INTERCONNECT.
- ⑦ BRING NEW CONDUITS INTO EXISTING PULL BOX. CONTRACTOR SHALL BE CAREFUL TO AVOID DAMAGE TO EXISTING PULL BOX.
- ⑧ CONTROLLER SERVICE POINT IS A PG&E SECONDARY BOX LOCATED 25' EAST OF THE NORTHEAST CORNER OF DIVISADERO AND SACRAMENTO STREETS PROPERTY LINE. CONTRACTOR TO COORDINATE WITH PG&E THROUGH SFPUC FOR ACTIVATION OF SERVICE POINT.
- ⑨ CONTRACTOR SHALL PROVIDE 40A INLINE FUSE AND FUSE HOLDER TRAFFIC SIGNAL SERVICE DISCONNECT IN FIRST PULL BOX NEXT TO THE NEW PG&E SERVICE POINT.
- ⑩ CONTRACTOR SHALL COORDINATE WITH PG&E THROUGH SFPUC FOR DEACTIVATION OF SERVICE CONNECTION WORK TO BE COMPLETED AFTER ACTIVATION OF NEW SERVICE POINT. TEN WORKING DAY'S NOTICE IS REQUIRED.

GENERAL NOTES

1. CONTRACTOR TO REFER TO DRAWING G-0.4, GENERAL NOTE 15, 35, 44, 45, 46 FOR ADDITIONAL INFORMATION.

PHASE DIAGRAM



PHASE SEQUENCE

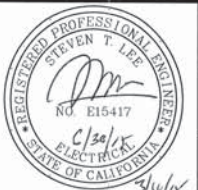
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|----|-----|--------|--|
| G  | Y   | R      | SUTTER ST. (EB & WB) - 02 & 06                 |
| R  | G   | Y R    | DIVISADERO ST. (SB & NB) - 04 & 08             |
| W  | FRH | RH     | PEDS XING DIVISADERO ST. (SS & NS) - 02P & 06P |
| RH | W   | FRH RH | PEDS XING SUTTER ST. (WS & ES) - 04P & 08P     |

| NO.                | DATE | DESCRIPTION | BY | APP. |
|--------------------|------|-------------|----|------|
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REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



INFRASTRUCTURE DIVISION  
SAN FRANCISCO PUBLIC WORKS  
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: 3/05/2015  
DRAWN: DATE: 3/05/2015  
CHECKED: DATE: 3/05/2015

APPROVED: DATE: 3/10/15  
SECTION MANAGER: DATE: 3/20/15  
DEPUTY DIVISION MANAGER: DATE: 3/23/15  
DIVISION MANAGER: DATE: 3/23/15

SCALE: AS SHOWN  
SHEET OF SHEETS: 70 OF 73

FRANKLIN AND DIVISADERO STREET  
TRAFFIC SIGNAL UPGRADE  
DIVISADERO STREET AND SACRAMENTO STREET  
TRAFFIC SIGNAL WORK

CONTRACT NO. 2596J  
DRAWING NO. E-32.0  
FILE NO. 100,859  
REV. NO.



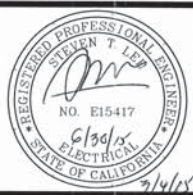
| CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES) |                          |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
|---|--------------------------|-----|---|----|----|----|-----|-----|----|---|-----|----|----|----|----|----|----|----|----|----|--|--|--|--|
| CONDUIT RUN NUMBER  |                          | 1   | 2 | 3  | 4  | 5  | 6   | 7   | 8  | 9 | 10  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |  |  |  |  |
| CONDUIT SIZE (INCH)   |                          | UNK | 2 | 2  | 2  | 2  | UNK | UNK | 2  | 2 | UNK | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3  |  |  |  |  |
|   |                          | EX  |   | EX |    | EX | EX  | EX  | EX |   | EX  |    |    |    |    | SP |    | SP |    |    |  |  |  |  |
| NOTES   |                          |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 61        | 3   |   | 3  |    | 3  |     |     |    |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 26        | 3   |   | 3  |    | 3  |     |     |    |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 68            | 2   |   | 2  |    | 2  |     |     |    |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 82        |     | 3 | 3  |    | 3  |     |     |    |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 49            |     | 2 | 2  |    | 2  |     |     |    |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 81        |     |   |    | 3  | 3  |     |     |    |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 22        |     |   |    | 3  | 3  |     |     |    |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 69            |     |   |    | 2  | 2  |     |     |    |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 88            |     |   |    | 2  | 2  |     |     |    |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 62        |     |   |    |    |    | 3   |     | 3  |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 29            |     |   |    |    |    | 2   |     | 2  |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 41        |     |   |    |    |    |     | 3   | 3  |   |     |    | 3  |    |    |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 48            |     |   |    |    |    |     | 2   | 2  |   |     |    | 2  |    |    |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 42        |     |   |    |    |    |     |     |    |   |     |    | 3  |    | 3  |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 89            |     |   |    |    |    |     |     |    |   |     |    | 2  |    | 2  |    |    |    |    |    |  |  |  |  |
|   | VEHICLE SIGNAL 21        |     |   |    |    |    |     |     |    |   |     |    | 3  |    | 3  |    |    |    |    |    |  |  |  |  |
|   | PED SIGNAL 28            |     |   |    |    |    |     |     |    |   |     |    | 2  |    | 2  |    |    |    |    |    |  |  |  |  |
|   |                          |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
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|   |                          |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
|   | #14 NEUTRAL              | 2   | 2 |    | 3  |    | 2   | 2   |    |   | 2   | 2  |    |    |    |    |    |    |    |    |  |  |  |  |
|   | #14 SPARE                |     |   | 3  |    | 3  |     |     | 3  |   |     |    | 3  | 3  |    |    |    |    |    |    |  |  |  |  |
|   | TOTAL #14 WIRES          | 10  | 7 | 16 | 13 | 26 | 7   | 7   | 13 | 7 | 7   | 23 | 26 |    |    |    |    |    |    |    |  |  |  |  |
|   | #10 WIRES NEUTRAL        |     |   | 1  |    | 2  |     |     | 1  |   |     |    | 2  | 2  |    |    |    |    |    |    |  |  |  |  |
|   | #10 WIRES STREET LIGHT   |     | 2 |    |    |    | 2   | 2   |    |   |     | 2  |    |    |    |    |    |    |    |    |  |  |  |  |
|   | #8 WIRES STREET LIGHT    |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
|   | #8 WIRES (120 V SERVICE) |     |   |    |    |    |     |     |    |   |     |    |    |    |    | 2  |    |    | 2  | 2  |  |  |  |  |
|   | #12C INTERCONNECT CABLE  |     |   |    |    |    |     |     |    |   |     |    |    | 1  | 1  |    |    |    |    |    |  |  |  |  |
|   |                          |     |   |    |    |    |     |     |    |   |     |    |    |    |    |    |    |    |    |    |  |  |  |  |
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| NO.                | DATE | DESCRIPTION | BY | APP. |
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INFRASTRUCTURE DIVISION  
SAN FRANCISCO PUBLIC WORKS  
CITY AND COUNTY OF SAN FRANCISCO



|                 |                 |                                      |               |
|-----------------|-----------------|--------------------------------------|---------------|
| DESIGNED: JH/WC | DATE: 3/05/2015 | APPROVED: [Signature]                | DATE: 3/10/15 |
| DRAWN: SS/WC    | DATE: 3/05/2015 | SECTION MANAGER: [Signature]         | DATE: 3/10/15 |
| CHECKED: STL/NW | DATE: 3/05/2015 | DEPUTY DIVISION MANAGER: [Signature] | DATE: 3/10/15 |
|                 |                 | DIVISION MANAGER: [Signature]        | DATE: 3/10/15 |

|                           |
|---------------------------|
| SCALE: NONE               |
| SHEET OF SHEETS: 71 OF 73 |

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| FRANKLIN AND DIVISADERO STREET<br>TRAFFIC SIGNAL UPGRADE             |
| DIVISADERO STREET AND SACRAMENTO STREET<br>CONDUIT & WIRING SCHEDULE |

|                    |
|--------------------|
| CONTRACT NO. 2596J |
| DRAWING NO. E-32.1 |
| FILE NO. 100,860   |
| REV. NO.           |

