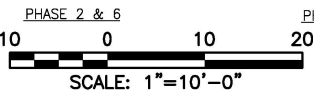
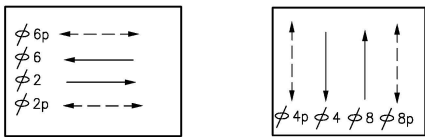


NOTE:  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED  
SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND  
SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING  
PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE  
SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES  
ONLY AS CLEARLY MARKED ON THIS DRAWING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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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

PHASE DIAGRAM: (STEADY DEMAND)



CONDUIT

- 1 F/I 1-2" GRS; WIRING PER SHEET NOTE 2.  
2 F/I 1-1" PVC; WIRING PER SHEET NOTE 2.


SHEET NOTES

- 1 CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS.  
2 PROVIDE NEW WIRING TO MATCH EXISTING WIRING AND QUANTITY BACK TO CONTROLLER WITHOUT SPLICING. IF EXISTING WIRING HAS ENOUGH SLACK, CONTRACTOR HAS OPTION TO REUSE WITH SFMTA APPROVAL.  
3 CONTRACTOR TO [AB] LOOP DETECTORS. CITY FORCES TO INSTALL WIRELESS SENSYS DETECTORS IN PLACE OF LOOP DETECTORS.  
4 REMOVE AND [RC] EXISTING POLE, FOUNDATION, AND ASSOCIATED CONDUIT.  
5 NOT USED.  
6 REUSE AND [RL] EXISTING MAST ARM POLE AS INDICATED BY POLE C ON NEW FOUNDATION. [RL] EXISTING STREET LIGHT FIXTURE. [RC] EXISTING TRAFFIC SIGNAL EQUIPMENT, MOUNTINGS, ASSOCIATED CONDUIT, AND FOUNDATION. PROVIDE NEW TRAFFIC SIGNALS AND MOUNTINGS PER POLE AND EQUIPMENT SCHEDULE. PROVIDE TEMPORARY SIGNAL AND LIGHTING AS REQUIRED.  
7 NOT USED.  
8 ADJUST POLE TO FINISHED GRADE. COUPLE AND EXTEND ANCHOR BOLTS PER CALTRANS REVISED STANDARD PLANS RSP ES-7B DETAIL C.

POLE AND EQUIPMENT SCHEDULE (EXISTING POLE AND EQUIPMENT UNLESS OTHERWISE NOTED)

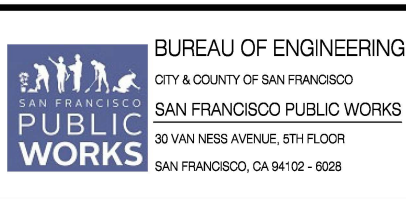
| POLE | STANDARD      |     |     | VEHICLE SIGNAL |                |               | PEDESTRIAN SIGNAL |          |          | APS | FITTURE TYPE | SPECIAL REQUIREMENT |
|------|---------------|-----|-----|----------------|----------------|---------------|-------------------|----------|----------|-----|--------------|---------------------|
|      | TYPE          | SMA | LMA | No.            | TYPE           | MOUNTING      | No.               | TYPE     | MOUNTING |     |              |                     |
| A    | 15TS          | -   | 8   | 81             | 3S12"          | SV-1-T        | 88                | 1S-COUNT | SP-1-T   | Ø6P | 108 (LED)    | BACKPLATE           |
| B    | 15TS          | -   | 8   | 65             | 3S12"          | SV-1-T        | 69                | 1S-COUNT | SP-1-T   | Ø8P | 108 (LED)    | BACKPLATE           |
| C    | 19-4-100      | 25  | 8   | 21<br>24       | 3S12"<br>3S12" | SV-1-T<br>MAS | 28                | 1S-COUNT | SP-1     | -   | 108 (LED)    | BACKPLATE           |
| D    | PBA POST (5') | -   | -   | -              | -              | -             | -                 | -        | -        | Ø8P | -            | -                   |
| E    | 1-A(10')      | -   | -   | 42<br>85       | 3S12"<br>3S12" | TV-2-T        | 89                | 1S-COUNT | SP-1-T   | Ø2P | -            | BACKPLATE           |
| F    | 1-A(10')      | -   | -   | 41             | 3S12"          | TV-1-T        | 48                | 1S-COUNT | SP-1-T   | -   | -            | BACKPLATE           |
| G    | PBA POST (5') | -   | -   | -              | -              | -             | -                 | -        | -        | Ø2P | -            | -                   |
| H    | 15TS          | -   | 8   | 25             | 3S12"          | SV-1-T        | 29                | 1S-COUNT | SP-1-T   | Ø4P | 108 (LED)    | BACKPLATE           |
| I    | 19-4-100      | 25  | 8   | 61<br>64       | 3S12"<br>3S12" | SV-1-T<br>MAS | 68                | 1S-COUNT | SP-1     | -   | 108 (LED)    | BACKPLATE           |
| J    | PBA POST (5') | -   | -   | -              | -              | -             | -                 | -        | -        | Ø4P | -            | -                   |
| K    | 1-A(10')      | -   | -   | 45<br>82       | 3S12"<br>3S12" | TV-2-T        | 49                | 1S-COUNT | SP-1-T   | Ø6P | -            | BACKPLATE           |

| PLAN APPROVAL DATE | CONTRACT No. | PROJECT ID | DISTRICT | COUNTY | ROUTE | POST MILES TOTAL PROJECT |
|--------------------|--------------|------------|----------|--------|-------|--------------------------|
|                    | 04-0G3501    | 0400000325 | 04       | SF     | 1     | R0.94/4.05               |

|   |                               |  |                                      |
|---|-------------------------------|--|--------------------------------------|
|  | SCALE:<br><b>AS SHOWN</b>     | 19TH AVENUE (STATE ROUTE 1)<br>COMBINED CITY PROJECT | CONTRACT NO.<br>1000005832           |
|   | SHEET OF SHEETS<br>114 OF 356 |  | DRAWING NO.<br><b>E-15.0</b>         |
|   |                               | 19TH AVENUE AND NORIEGA STREET                       | FILE NO.<br>111,411<br>REV. NO.<br>1 |

| NO.   | DATE     | DESCRIPTION           | BY    | APP. |
|---|----------|-----------------------|-------|------|
| 1   | 10/28/20 | PCO#2 POLE RELOCATION | KS/MA | MV   |
| TABLE OF REVISIONS  |          |                       |       |      |
| THIS DRAWING WAS LAST MODIFIED: 02/24/21 11:11, BY: MAUNG |          |                       |       |      |

| REFERENCE INFORMATION<br>& FILE NO. OF SURVEYS |
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|  |



|                     |                   |                 |               |
|---------------------|-------------------|-----------------|---------------|
| Acting Section Mgr: | PHILIP THWIN      | Date:           |               |
| Deputy Bureau Mgr:  | FERNANDO CISNEROS | DESIGNED: DATE: | KS/DG 02/2018 |
| Acting Bureau Mgr:  | IQBAL DHAPA       | DRAWN: DATE:    | KS/DG 02/2018 |
|                     |                   | CHECKED: DATE:  | MV/SL 02/2018 |