NOTES: (THIS SHEET ONLY)

1. THE EXTERNAL BBS CABINET SHALL BE MOUNTED TO THE MODEL 333L CABINET WITH FOUR 18-8 STAINLESS STEEL 3/8"-16 X 1" BOLTS. TWO ANCHOR BOLTS, DESIGNED FOR 3/8" BOLTS AND 18-8 STAINLESS STEEL, 1"-12, OUTSIDE DIAMETER, ROUND, AND FLAT, AND ONE 1/2"-13 WEDGE PER BOLT THAT IS 18-8 STAINLESS STEEL, AND A 1/2"-13 X 3" FULL-THREAD WEDGE PER BOLT. THE ENGINEER WILL HAVE TO APPROVE THE BOLT MOUNTING LOCATION PRIOR TO INSTALLATION.

2. THE ANCHOR BOLTS SHALL BE 5/8" O.D. X 1 1/2" WITH A 5/8"-24 BOLT, THE CABINET MANUFACTURER'S SPECIFICATION SHALL DEFINE THE LOCATION OF THE ANCHOR BOLTS IN THE FOUNDATION. THE ENGINEER WILL HAVE TO APPROVE THE ANCHOR BOLTS AND ITS LOCATION IN THE FOUNDATION PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF THE BBS CABINET PRIOR TO CONSTRUCTING THE FOUNDATION OF THE MODIFIED PORTION OF THE 333L MODEL R FOUNDATION. THE ENGINEER WILL HAVE TO APPROVE ANY NECESSARY DEVIATIONS PRIOR TO CONSTRUCTION.

4. ALL DIMENSIONS ARE NOMINAL.

BATTERY BACKUP SYSTEM CABINET (BBS)

NOTES:

1. BBS CABINET SHALL BE ATTACHED TO THE 333 CONTROLLER CABINET MODEL 333L CABINET WHERE INDICATED ON THE TRAFFIC SIGNAL PLANS. REFER TO DETAIL "H" HEREFOR.

2. THE BBS CABINET SHALL CONTAIN THE UPS AND THE BATTERIES.

DETAIL "H"

NOT TO SCALE

REVISIONS

CITY OF INGLEWOOD, CALIFORNIA
PUBLIC WORKS DEPARTMENT

PLANS FOR IMPROVEMENT OF
CENTURY BOULEVARD
INGLEWOOD AVE TO DOTY AVE
CONTROLLER CABINET DETAILS

100% CITY OF INGLEWOOD

CITY OF INGLEWOOD MAINTAINED
PERCENTAGE SHARE

Date: April 10, 2018

PLAN SCALE: 1/4" = 1'-0"

DESIGNED BY

CHECKED BY

REVISIONS

Revised per Addendum No. 4

PROJECT NO. 3600

ST-4986

ST-4986

ST-4986

3/12/2018

Peter Puglise, RCE 814191 City Traffic Engineer

PETER PUGLISE, RCE 814191 CITY TRAFFIC ENGINEER
## POLE AND EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>NO</th>
<th>TYPE</th>
<th>HEIGHT</th>
<th>M.A.</th>
<th>M.L.A.</th>
<th>LED LUMINARIES</th>
<th>R.S.N.S. LEGEND</th>
<th>SIGNAL MOUNTINGS</th>
<th>POLE BURGLARY TO SEE DETAIL &quot;D&quot;</th>
<th>POLE LOCATION STANDARDS DETAIL &quot;E&quot;</th>
<th>REMARKS</th>
</tr>
</thead>
</table>
| 1  | 29—5-150 | 30' | 45' | 12' | 150W | Highpower | 3-LED | SV-1-T | SP-1-T | 2 | B | 5.6 | 5.5 | 1-
| 2  | 1-4 | 18' | - | - | - | - | - | 1V-1-T | SP-1-T | 3 | 2 | 5.6 | 4.5 | 1-
| 3  | 19—4-100 | 30' | 20' | 12' | 150W | Century | 2-LED | SV-1-T | SP-1-T | 3 | 2 | 5.6 | 4.5 | 1-
| 4  | 19-4—100 | 30' | - | 12' | 150W | Century | 2-LED | SV-1-T | SP-1-T | 4 | 4 | 7.5 | 4.7 | 1-
| 5  | 29—5-150 | 30' | 45' | 12' | 150W | Highpower | 3-LED | SV-1-T | SP-1-T | 4 | 4 | 7.5 | 4.7 | 1-
| 6  | 1-4 | 18' | - | - | - | - | - | 1V-1-T | SP-1-T | 1 | 6 | 5.6 | 3.5 | 1-
| 7  | 17—3-100 | 30' | 20' | 12' | 150W | Century | 2-LED | SV-1-T | SP-1-T | 1 | 6 | 5.6 | 4.7 | 1-

* ALL CONDUCTORS AND CABLES ARE NEW UNLESS NOTED OTHERWISE.

### CONDUCTOR AND CONDUIT SCHEDULE

<table>
<thead>
<tr>
<th>AVG SIDE OR CABLE TYPE</th>
<th>POLE &amp; PHASES</th>
<th>CONDUIT LOCATION</th>
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<tbody>
<tr>
<td>12 Cable</td>
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<tr>
<td>1/1-14 Cable</td>
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<td>3 Cable</td>
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<tr>
<td><strong>F10</strong> LUMINARIES</td>
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<td>LOOP DETECTION CABLE</td>
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<td>1W Cable</td>
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<td>12 Traf CABLE</td>
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* ALL CONDUCTORS AND CABLES ARE NEW UNLESS NOTED OTHERWISE.

---

**NOTES**

- SEE SHEET TS-301
- ALL LUMINARIES SHALL BE MEDIUM CUT-OFF LIGHT DISTRIBUTION

---

**REMARKS**

- 12 CONDUCTOR / 2 CONDUCTOR

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**EQUIPMENT SCHEDULE**

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**CONDUIT SCHEDULE**

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**LEGEND**

- ALL EQUIPMENT IS NEW UNLESS NOTED OTHERWISE.

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**EQUIPMENT SCHEDULE**

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**CONDUIT LOCATION**

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**CONDUIT SCHEDULE**

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**LEGEND**

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**EQUIPMENT SCHEDULE**

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**CONDUIT SCHEDULE**

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**CONDUIT SCHEDULE**

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<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>
**NOTES:**

1. REFER TO STREET LIGHTING PLANS FOR COMMON TRENCH-TYPICAL DETAIL ON PLAN NO. E-311.

2. ALL EXISTING CONDUITS NOT SHOWN FOR REUSE SHALL BE ABANDONED.

3. ALL EXISTING PULL BOXES NOT SHOWN FOR REUSE SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.

4. REFER TO THEIR SPECS (P.S.) PLANS FOR F.I.S. SPECIFIC DETAILS.

**PROJECT TITLE:**

PLANS FOR IMPROVEMENT OF CENTURY BOULEVARD INGLEWOOD AVE TO DOTY AVE

**PUBLIC WORKS DEPARTMENT**

CITY OF INGLEWOOD, CALIFORNIA

**SUBMITTED BY**

APPROVED BY:

**DESIGNED BY**

DRAWN BY:

CHECKED BY:

**DATE**

3/1/2018

**REVISIONS**

CITY OF INGLEWOOD MAINTAINED

PERCENTAGE SHARE

100% CITY OF INGLEWOOD

**SCALE:** 1" = 20'

**PLAN NO.**

**SHEETNO.**

**MARK REVISIONS DATE**

10-16-18 Revised per Addendum No. 4

**DATE**

April 15, 2018

**CITY OF INGLEWOOD, MAINTAINED TRAFFIC SIGNAL PLANS - FIRMONA AVE**

**U.S. FAMILY BUILDING, AECOM**
### Pole and Equipment Schedule

<table>
<thead>
<tr>
<th>No.</th>
<th>Standard</th>
<th>LED</th>
<th>R.S.N.S. Legend</th>
<th>Signal Mounting</th>
<th>Ped Push Button</th>
<th>Pole Location</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>29-5-100</td>
<td>30'</td>
<td>47'</td>
<td>12'</td>
<td>100W</td>
<td>Firmona/Firmona/3-MAS</td>
<td>SV-1-T</td>
</tr>
<tr>
<td>2</td>
<td>3-MAS</td>
<td>12'</td>
<td>DuraLyte/50'</td>
<td>SV-1-T</td>
<td>2 8</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>17-3-100</td>
<td>30'</td>
<td>20'</td>
<td>12'</td>
<td>100W</td>
<td>Firmona/Firmona/3-MAS</td>
<td>SV-1-T</td>
</tr>
<tr>
<td>4</td>
<td>SP-1-T</td>
<td>5'</td>
<td>10'</td>
<td>20'</td>
<td>30'</td>
<td>Firmona/Firmona/3-MAS</td>
<td>SV-1-T</td>
</tr>
<tr>
<td>5</td>
<td>17-3-100</td>
<td>30'</td>
<td>20'</td>
<td>12'</td>
<td>100W</td>
<td>Firmona/Firmona/3-MAS</td>
<td>SV-1-T</td>
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</tbody>
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**Conductor and Conduit Schedule**

<table>
<thead>
<tr>
<th>Conduit and Cable Schedule</th>
<th>Pole &amp; Phases</th>
<th>Conduit Location</th>
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<tbody>
<tr>
<td><strong>2&quot; Cable</strong></td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
</tr>
<tr>
<td><strong>3-1/4&quot; Pre&quot; Cable</strong></td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
</tr>
<tr>
<td><strong>3&quot; Cable</strong></td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
<td>1/2 1/2 1/2 1/2 1/2 1/2</td>
</tr>
</tbody>
</table>

**Legend**

- 1L: 12 LED, 42', 60', 90, 90
- 2C: 48', 60', 90
- 3C: 48', 60', 90
- 4C: 48', 60', 90
- 5C: 48', 60', 90
- 6C: 48', 60', 90
- 7C: 48', 60', 90
- 8C: 48', 60', 90
- 9C: 48', 60', 90

**Conduit Schedules**

<table>
<thead>
<tr>
<th>Conduit</th>
<th>Total</th>
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<tbody>
<tr>
<td>12 Conductor</td>
<td>3 Conductor</td>
</tr>
<tr>
<td>3&quot;</td>
<td>2/3</td>
</tr>
<tr>
<td>2&quot;</td>
<td>2</td>
</tr>
</tbody>
</table>

**Note:** All conductors and conduits are new unless noted otherwise.

---

**City of Inglewood**

**Public Works Department**

**Plan for Improvement of Century Boulevard**

**Inglewood Ave to Dotty Ave**

**Traffic Signal Plans - Firmona Ave**

**Revisions**

- **City of Inglewood,** **California**
- **100% City of Inglewood**
- **Per Cent**
- **Public Works Department**
- **TS-303A**
- **March 12, 2018**

**Design:**

- **AECOM**
- **City of Inglewood**
- **蔑 Phases**

**Project Title:**

- **Plans for Improvement of Century Boulevard**
- **Inglewood Ave to Dotty Ave**
- **Traffic Signal Plans - Firmona Ave**
FURNISH AND INSTALL TYPE 2070 ATC CONTROLLER IN TYPE 332 ALUMINUM CABINET AND CONTROL PANEL AS SEEN ON PLAN. THIS SPECIFICATION INCLUDES ALL NECESSARY ACCESSORIES TO PROMPT INSTALLATION, INCLUDING MOUNTING HARDWARE. THIS UNIT SHALL INCLUDE THE BBS EQUIPMENT, INCLUDING THE BATTERIES, AS ATTACHED TO THE 332 CABINET. BBS CABINET SHALL CONTAIN UPS SYSTEM AND BATTERIES. BBS CABINET SHALL BE FURNISHED WITH A GENERATOR HOOK-UP AND SWITCH. USE CALTRANS APPROVED NUMBER LOT.

FURNISH AND INSTALL WIFE NEW OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN FOR CALTRANS 2010 STANDARDS. INSTALL VIDEO DETECTION CAMERA PER SPECIFICATIONS. ADD CCTV EXTENSION TO 45' ON POLE SHAFT.

FURNISH AND INSTALL 3" CONDUIT WITH #10, LUMINAIRE. CONNECT CCTV CAMERA VIA CAT 6 ETHERNET SWITCH IN 333L CABINET.

FURNISH AND INSTALL REFLECTORIZED STREET NAME SIGN PER DETAIL "H" ON TS-301 B.

INSTALL VIDEO DETECTION CAMERA FOR SPECIFICATIONS.

NOTES:
1. REFER TO STREET LIGHTING PLANS FOR COMMON TRENCH-TYPICAL DETAIL ON PLAN NO. E-311.
2. ALL EXISTING CONDUITS NOT SHOWN FOR REUSE SHALL BE ABANDONED.
3. ALL EXISTING PULLBOXES NOT SHOWN FOR REUSE SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.
4. REFER TO FIBER OPTIC (F.O.) PLANS FOR F.O. SPECIFIC DETAILS.

FURNISH AND INSTALL 3" C, 3 DEC. 18 PULL BOX. INSTALL 3" CONDUIT AND LUMINAIRE ABOVE CURB ELECTRICAL WALK AND CONNECT TO CURB ELECTRICAL WALK.
### POLE AND EQUIPMENT SCHEDULE

<table>
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<tr>
<th>NO.</th>
<th>STANDARD</th>
<th>LED LUMINARI (D)</th>
<th>P.E.S. LEGEND</th>
<th>SIGNAL MOUNTS</th>
<th>PED/EQUIPMENTS (D)</th>
<th>POLE LOCATION</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29-5-100</td>
<td>30'-0&quot; 40'-0&quot; 12'-0&quot;</td>
<td>100W</td>
<td>Overhead</td>
<td>3-WSG</td>
<td>SV-1-T</td>
<td>1'-0&quot;</td>
</tr>
<tr>
<td>2</td>
<td>1-A</td>
<td>10'-0&quot;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>15TS</td>
<td>30'-0&quot; 18'-0&quot; 180W</td>
<td>-</td>
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- LED LED COUNTS, PEDESTRIAN SIGNAL, FACE
- ALL LUMINARIES SHALL BE MEDIUM CITY LIGHT DISTRIBUTION

### CONDUCTOR AND CONDUIT SCHEDULE

<table>
<thead>
<tr>
<th>HAND SIZE</th>
<th>CABLE TYPE</th>
<th>POLE &amp; PHASES</th>
<th>CONDUIT LOCATION</th>
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<tr>
<td>1/12 4/12</td>
<td>11/14 9/12</td>
<td>5/14 9/12</td>
<td>1/12 4/12</td>
<td>1/12 4/12</td>
</tr>
</tbody>
</table>

- LED LEAD
- CONDUIT CHART (TO DOTY)

- LED CONDUIT CHART (TO DOTY)

### NOTATION

- LED CONDUIT CHART (TO DOTY)
- LED CONDUIT CHART (TO DOTY)

### REMARKS

- LED CONDUIT CHART (TO DOTY)
- LED CONDUIT CHART (TO DOTY)

- LED CONDUIT CHART (TO DOTY)
- LED CONDUIT CHART (TO DOTY)

### REVISIONS

- LED CONDUIT CHART (TO DOTY)
- LED CONDUIT CHART (TO DOTY)

### CITY OF INGLEWOOD MAINTAINED

100% CITY OF INGLEWOOD

### PUBLIC WORKS DEPARTMENT

CENTURY BOULEVARD
INGLEWOOD AVE TO DOTY AVE
TRAFFIC SIGNALS - GREGVILLE AVE

<table>
<thead>
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<td>3</td>
<td>12/1/2018</td>
<td>PLAN IMPROVEMENT OF CENTURY BOULEVARD INGLEWOOD AVE TO DOTY AVE TRAFFIC SIGNALS - GREGVILLE AVE</td>
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<td>12/1/2018</td>
<td>PLAN IMPROVEMENT OF CENTURY BOULEVARD INGLEWOOD AVE TO DOTY AVE TRAFFIC SIGNALS - GREGVILLE AVE</td>
</tr>
<tr>
<td>5</td>
<td>12/1/2018</td>
<td>PLAN IMPROVEMENT OF CENTURY BOULEVARD INGLEWOOD AVE TO DOTY AVE TRAFFIC SIGNALS - GREGVILLE AVE</td>
</tr>
</tbody>
</table>

NOTE: ALL CONDUCTORS AND CONDUITS ARE NEW UNLESS NOTED OTHERWISE.
CONSTRUCTION NOTES

1. Furnish and install Type 333L ACO controller in Type 333, aluminum cabinet, and controller assembly per Caltrans TDS specifications for B phase operations. Include all necessary accessories to produce operational controller, including bypass backup power. Include all necessary accessories to produce functional controller, including bypass backup power. Include all necessary accessories to produce operational controller, including bypass backup power.

2. Furnish and install refurbished street name signs per detail "T" on "S-1010." Add civic extension to 45° on pole shaft.

3. Existing Type 170 controller and cabinet shall be salvaged and delivered to the City Yard after new 333L cabinet is operational.

4. Reconnect video detection camera to new pole.

5. Add civic extension to 45° on pole shaft.

6. Furnish and install Type 2070 controller assembly per CalTrans Tees.-CALTRANS APPROVED VENDOR.

7. Connect new 333L controller to Ethernet switch in cabinet.

8. Furnish and install reflectorized street name sign per detail "T" on "S-1010." Add civic extension to 45° on pole shaft.

9. Existing Type 170 controller shall be salvaged and delivered to the City Yard after new 333L cabinet is operational.

10. Reconnect video detection camera to new pole.

11. Furnish and install Type 2070 controller assembly per CalTrans Tees.-CALTRANS APPROVED VENDOR.

12. Connect new 333L controller to Ethernet switch.

13. Furnish and install 3" conduit with #10, luminaire.


15. Furnish equipment.

16. Remove and salvage equipment.

NOTES:

1. Refer to street lighting plans for common trench—typical detail on plan no. E-2111.

2. All existing conduits not shown for reuse shall be abandoned.

3. All existing pullboxes not shown for reuse shall be removed and become the property of the Contractor.

4. Refer to fiber optic (FO) plans for FO specific details.

5. Furnish pullboxes.

6. Furnish new conduit and cabinets.

7. Furnish and install new cabinets.

8. Furnish equipment.


10. Furnish equipment.

11. Furnish and install 3" conduit with #10, luminaire.

12. Connect CCTV camera via CAT 6 Ethernet switch to existing 333L cabinet.

13. Furnish equipment.

14. Remove and salvage equipment.

15. Refer to street lighting plans for common trench—typical detail on plan no. E-2111.

16. All existing conduits not shown for reuse shall be abandoned.

17. All existing pullboxes not shown for reuse shall be removed and become the property of the Contractor.

18. Refer to fiber optic (FO) plans for FO specific details.
### POLE AND EQUIPMENT SCHEDULE

<table>
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<tr>
<th>NO.</th>
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<th>HEIGHT</th>
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<th>LED COUNTDOWN</th>
<th>SIGNAL MOUNTING</th>
<th>PROJECT DESCRIPTION/DRAWING</th>
<th>POLE LOCATION</th>
<th>REMARKS</th>
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<td>30’</td>
<td>M.A.</td>
<td>3-MS</td>
<td>2-8</td>
<td>SP-1-T</td>
<td>M.A.</td>
<td></td>
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<td>195</td>
<td>30’</td>
<td>M.A.</td>
<td>3-MS</td>
<td>2-8</td>
<td>SP-1-T</td>
<td>M.A.</td>
<td></td>
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<tr>
<td>3</td>
<td>29-5-100</td>
<td>30’</td>
<td>M.A.</td>
<td>3-MS</td>
<td>2-8</td>
<td>SP-1-T</td>
<td>M.A.</td>
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<tr>
<td>4</td>
<td>195</td>
<td>30’</td>
<td>M.A.</td>
<td>3-MS</td>
<td>2-8</td>
<td>SP-1-T</td>
<td>M.A.</td>
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### CONDUCTOR AND CONDUIT SCHEDULE

<table>
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<th>CONDUCTOR &amp; LOCATION</th>
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<td>11-14</td>
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</tr>
<tr>
<td>3</td>
<td>11-14 PRB</td>
<td></td>
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<tr>
<td>4</td>
<td>11-14 PRB</td>
<td></td>
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</table>

**NOTE:** All equipment is new unless noted otherwise.

1. *See Sheet TS-201B*
2. All luminaries shall be medium cutoff light distribution.
CONSTRUCTION NOTES

1. FURNISH AND INSTALL TYPE 2070 A/C CONTROLLER IN TYPE 333L ALUMINUM CABINET. INSTALL CONTROLLER ASSEMBLY PER CALTRANS SPECIFICATIONS. USE CALTRANS APPROVED VENDOR LIST.

2. FURNISH AND INSTALL 3" CONDUIT WITH 2#10, LUMINAIRE, CHECKED BY CAT & ETHERNET SWITCH IN CABINET.

3. INSTALL VIDEO DETECTION CAMERA PER SPECIFICATIONS.

4. INSTALL FURNISH AND INSTALL 3" CONDUIT WITH 2#10, LUMINAIRE, CHECKED BY CAT & ETHERNET SWITCH IN CABINET.

5. INSTALL FURNISH AND INSTALL REFLECTORIZED STREET NAME SIGN PER DETAIL "B" ON PLAN, PER CALTRANS STANDARDS.

6. INSTALL FURNISH AND INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

7. INSTALL FURNISH AND INSTALL 3" CONDUIT WITH 2#10, LUMINAIRE, CHECKED BY CAT & ETHERNET SWITCH IN CABINET.

8. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

9. INSTALL FURNISH AND INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

10. INSTALL FURNISH AND INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

11. INSTALL FURNISH AND INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

12. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

13. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

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20. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

21. INSTALL FURNISH AND INSTALL REFLECTORIZED STREET NAME SIGN PER DETAIL "B" ON PLAN, PER CALTRANS STANDARDS.

22. INSTALL FURNISH AND INSTALL 3" CONDUIT WITH 2#10, LUMINAIRE, CHECKED BY CAT & ETHERNET SWITCH IN CABINET.

23. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

24. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

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52. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

53. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON Plan, PER CALTRANS STANDARDS.

54. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

55. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

56. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

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59. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.

60. INSTALL MAST ARM OR SIGNAL POLE MOUNTED SIGN AS NOTED ON PLAN, PER CALTRANS STANDARDS.
### POLE AND EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>NO</th>
<th>STANDARD</th>
<th>LED MOUNTING</th>
<th>R.S.N.S. LEGEND</th>
<th>SENSORS MOUNTED</th>
<th>PEDESTRIAN SIGNALS MOUNTED</th>
<th>REMARKS</th>
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<td>30° 50° 12° 100W</td>
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<td>3-MWS SV-1-T SP-1-T</td>
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<td>4° 6°</td>
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<tr>
<td>2</td>
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<tr>
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<td>- 2° 4°</td>
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<tr>
<td>4</td>
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<td>30° - 12° 100W</td>
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<td>3 2</td>
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<tr>
<td>5</td>
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<td>MyFire</td>
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<td>3 4</td>
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<td>2 3</td>
<td>2° 5°</td>
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### CONDUCTOR AND CONDUIT SCHEDULE

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<th>AMG SIZE</th>
<th>CABLE TYPE</th>
<th>POLE &amp; PHASES</th>
<th>CONDUIT LOCATION</th>
<th>REMARKS</th>
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### REVISIONS

CITY OF INGLEWOOD MAINTAINED
100% CITY OF INGLEWOOD
PUBLIC WORKS DEPARTMENT

**PROJECT TITLE:** PLANS FOR IMPROVEMENT OF CENTURY BOULEVARD
**INGLEWOOD AVE TO DOTTY AVE**
**TRAFFIC SIGNAL PLANS - MYRTLE AVE**
**CONSTRUCTION NOTES**

1. Furnish and install Type 2070 ATC controller in Type 333L Aluminum cabinet and controller assembly for Phase 1. The controller for B phase operation. Install all necessary accessories to provide extended operation, including battery backup system (BBS). The BBS equipment, including the batteries, shall be attached to the 333L cabinet. BBS cabinet shall contain power system and batteries. BBS cabinet shall be furnished with a generator hook-up and switch. Use cabinet approved number 1.

2. Furnish and install 2m Opticom detector Model J771, J704 models. Use detector cable only for 3m Opticom 3 channel, phase mounted phase selector, Model J771 into controller cabinet. Opticom detector shall be mounted on BBS signal head per Caltrans Std. Plan ES-4C.

3. Furnish and install mast arm or signal pole mounted sign as noted on plan per Caltrans 2010 Standards.

4. Connect new 2030 ATC controller to (directory) switch in cabinet.

5. Furnish and install reflectorized street name sign per detail "H" on Plan 2010-2018.

6. Existing Type 179 controller and cabinet shall be damaged and salvaged to the city yard after new 333L cabinet is operational.

7. Relocate video detection camera to new pole.

8. Add city extension to 470 on pole shaft.

9. Existing conduit to remain.

10. Furnish and install 3rd conduit with 2/00, luminaires.


12. Install pull box in existing conduit run.

13. Install conduit into pull box.

14. Remove and salvage equipment.

**NOTES:**

1. Refer to street lighting plans for common trends—typical detail on Plan No. C-311.

2. All existing conduits not shown for reuse shall be removed.

3. All existing conduits not shown for reuse shall be removed and become the property of the contractor.

4. Refer to fiber optic (O-L) plans for O-L specific details.

**Revised per Addendum No. 4**

**Date:** April 16, 2018

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**CITY OF INGLEWOOD MAINTAINED**

**PERCENTAGE SHARE:**

100% CITY OF INGLEWOOD

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**CITY OF INGLEWOOD, CALIFORNIA**

**PUBLIC WORKS DEPARTMENT**

**PROJECT TITLE:** PLANS FOR IMPROVEMENTS OF CENTURY BOULEVARD INGLEWOOD AVE TO DOTY AVE

**TRAFFIC SIGNAL PLANS - PRAIRIE AVE**

**PLAN SHEET NO.:** S-152

**SCALE: 1"=20'**

**DATE:** 3/1/2018

**DESIGNATED BY:**

**DRAWN BY:**
### POLE AND EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>STANDARD</th>
<th>LED LUMINARY (10-13)</th>
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<th>SIGNAL INSTRUCTION</th>
<th>POLE LOCATION</th>
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<td>LANE</td>
<td>M.A.</td>
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<td>50&quot;</td>
<td>15&quot;</td>
<td>150W</td>
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</tr>
<tr>
<td>2</td>
<td>2175 25&quot;</td>
<td>30&quot;</td>
<td>-</td>
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<td>150W</td>
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<tr>
<td>3</td>
<td>22A-1-100 (2) 25&quot; 50&quot;</td>
<td>45 (1)</td>
<td>15 (1)</td>
<td>150W</td>
<td>Century</td>
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<tr>
<td>4</td>
<td>2175 25&quot;</td>
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<td>2175 25&quot;</td>
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<td>150W</td>
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*NOTE: ALL EQUIPMENT IS NEW UNLESS NOTED OTHERWISE.

**E** = EXISTING EQUIPMENT

1. LED CONDITION IN Pedestrian Signal FACE
2. ALL LUMINARES SHALL BE MEDIUM CUT OFF LIGHT DISTRIBUTION
3. EXISTING LUMINARES HEADS TO BE UPGRADED TO LED

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### CONDUCTOR AND POLE SCHEDULE

<table>
<thead>
<tr>
<th>AMERIXE OR CABLE TYPE</th>
<th>POLE &amp; PHASES</th>
<th>CONDUCTOR LOCATION</th>
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<tbody>
<tr>
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<td>11-4/14</td>
<td>1-42, 40, 60, 80PPS</td>
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<td>3&quot; CABLE</td>
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<td>1-42, 40, OA, 60PPS</td>
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**TOTALS**

12 CONDUCTORS / 5 CONDUCTOR

**Note:** All conductors and conduits are new unless noted otherwise.