AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA
MARK

REVISIONS

CITY OF INGLEWOOD, CALIFORNIA
PUBLIC WORKS DEPARTMENT

PROJECT TITLE:
PLAN# TITLE

PLAN SCALE:

5/18/2015

DESIGNED BY

DRAWN BY

CHECKED BY

DATE

.descriptor}
GENERAL NOTES

1. All work, materials, and equipment shall be furnished by the Contractor and shall conform to the 2014 CALIFORNIA Manual of Uniform Traffic Control Devices (MUTCD).
2. The Contractor shall furnish all necessary items and notify all affected utility companies and agencies at least 72 hours in advance of construction.

POLE, DEVICE AND EQUIPMENT LOCATIONS ARE APPROXIMATE. THE ENGINEER SHALL APPROVE THE EXACT LOCATIONS OF ALL EQUIPMENT PLACED IN THE FIELD PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE COMPLETE UTILITIES AS DIRECTED BY THE ENGINEER.

4. All vehicle markings shall be 2.5" Dim. with red, black, and white, and shall be in accordance with MUTCD. Device and equipment shall be installed on existing utility poles or newly installed poles. All other markings shall be in accordance with MUTCD.

5. All new poles shall be marked, unless otherwise noted, and have a minimum spacing of 307 between full boxes. Full boxes and covers shall be concrete, covers shall name theCITY OF INGLEWOOD TRAFFIC SIGNAL MAINTENANCE DIVISION.

6. All new utility poles shall be 3" Schedule 80, unless otherwise noted, and shall be installed on a concrete base per MUTCD.

7. Traffic signal interconnect conduit shall be Type 3, Schedule 40, unless otherwise noted, with 2" conduit.

8. Traffic signal interconnect shall be installed with 6 pair 18 gauge, interconnect cable, in a common trench, refer to electrical plans.

9. All new pole locations shall be settled in the field by the Engineer on his designated field presence before signing. Necessary staking shall be recorded prior to positioning the devices.

10. Install 1-4 gauge in all new installed conduits containing power conductors and a #10 gauge in all new installed conduits containing no power conductors.

11. Traffic signal safety lighting luminaries shall be 105 watt led with type III medium cover. Refer to project service note E-1, E-230.

12. Conductor schedule is furnished as an installation guideline only. It shall be the Contractor's responsibility to provide the correct cables and conductors required for the intended operation.

13. Service equipment enclosures shall be 6 to 10 ft from the controller and shall be provided to the utility pole by a minimum of 15 ft, unless otherwise directed by the Engineer. Refer to Exhibit 3-7 or Exhibit 7-14.

14. All new installed 1-4 pole foundations shall have anchor bolts with sleeve nuts per Exhibit 3.6-18.

15. Underground signal conductors shall not be spliced.

16. The Contractor shall be responsible for furnishing a detailed traffic control plan for each street and common cutovers associated with the traffic signal construction and shall ensure all necessary traffic control devices are placed during the signal installation, in accordance with the 2014 CALIFORNIA Manual of Traffic Control Devices (MUTCD).

17. For detailed plans see stripping and signing plans (plan numbers SPC-201 through SPC-263).

18. All sign panels shall be furnished to the city precast sign and specification sheets and shall be mounted on post at 11'-0" height from ground.

19. The exact location of all signs and pavement markings shall be determined by the Engineer in the field.

20. All traffic signs shall be installed prior to traffic signal turn on.

21. All pavement delineation requirements shall be completed at least one day prior to traffic signal turn on.

22. Conduit between adjoining full boxes shall be 2.5" unless otherwise directed.

23. Unused conduit sections shall be covered with the same material as all field connected sections. Unused conduit sections shall be cut off flush at the field.

24. Pole boxes shall be located in or off of all of the adjacent access ramp or curb.

25. The controller shall be installed in or off of the field locations of all traffic signal equipment for the operation of the signal.

26. All labeling which is Shaded by construction activities shall be removed or re-instated to the satisfaction of the City.

27. New meter and masted regulatory signs shall be furnished with new type IV reflective sheeting or approved equal.

28. Street name signs shall be reinstalled at a new location, new street legends shall be installed in the field, with new type II reflective sheeting and new street signs shall be furnished with new type II reflective sheeting. All street name signs shall be furnished with new type II reflective sheeting.

29. The contractor shall coordinate with the City of Inglewood Traffic Signal Maintenance Coordinator five (5) working days prior to work affecting a traffic signal.

30. Pedestrian push buttons shall be 48" constant and used with tactile, push buttons shall be constructed of non-wood, thermal resistive and visual LED switch technology. Push button color shall be yellow, except push buttons shall be black. Pedestrian push buttons shall be installed at at least 3.5 ft from the edge of the traveled way.
ELECTRICAL SYSTEMS

(BBS FOUNDATION DETAILS)

NOTE: (THIS SHEET ONLY)
1. THE EXTERNAL BBS CABINET SHALL BE MOUNTED TO THE MODEL 332 OR 334 CABINET WITH FOUR 18-8 STAINLESS STEEL HEX HEAD FULLY-HEADED 3/8-16 X 1 1/2 BOLTS PER BOLT DESIGNATED FOR IN BOLTS AND ARE 18-8 STAINLESS STEEL.
2. THE ANCHOR BOLTS SHALL BE 3/8" X 16" WITH A 2"-20 HOLE. THE EXTERNAL BBS CABINET MANUFACTURER'S SPECIFICATION SHALL DETERMINE 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 MODEL 332 AND 334 CABINET FOUNDATION. THE ENGINEER WILL HAVE TO APPROVE ANY MODIFICATIONS PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE NOMINAL.
### Pole and Equipment Schedule

<table>
<thead>
<tr>
<th>No.</th>
<th>Standard</th>
<th>LED</th>
<th>R.M.S.S. Legend</th>
<th>P.I.D. Mounting</th>
<th>P.I.D.</th>
<th>P.I.D. Location</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1</td>
<td>15TS</td>
<td>30'</td>
<td>-</td>
<td>Century</td>
<td>SP-2-1</td>
<td>SP-2-1</td>
<td>Pole (2)</td>
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<tr>
<td>2</td>
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<td>30'</td>
<td>45'</td>
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<td>SP-2-1</td>
<td>SP-2-1</td>
<td>Pole (2)</td>
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<tr>
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<td>15TS</td>
<td>30'</td>
<td>12'</td>
<td>Century</td>
<td>SP-2-1</td>
<td>SP-2-1</td>
<td>Pole (2)</td>
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All signal equipment is new unless noted otherwise.

* See Sheet TS-202C

(1) LED countdown pedestrian signal face

(2) Accessible pedestrian signal

### Conductor and Conduit Schedule

#### Cable Type

<table>
<thead>
<tr>
<th>No.</th>
<th>Cable Type</th>
<th>Pole &amp; Phases</th>
<th>Conduit Location</th>
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<tbody>
<tr>
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<td>1/4&quot;-2&quot;</td>
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<td>2</td>
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<td>1/4&quot;-2&quot;</td>
<td>1/4&quot;-2&quot;</td>
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<tr>
<td>3</td>
<td>1/4&quot;-2&quot;</td>
<td>1/4&quot;-2&quot;</td>
<td>1/4&quot;-2&quot;</td>
</tr>
</tbody>
</table>

#### Video Detection Cable

- 14" - 14" - 14" - 14"
- 12" - 12" - 12" - 12"
- 10" - 10" - 10" - 10"
- 8" - 8" - 8" - 8"
- 6" - 6" - 6" - 6"
- 4" - 4" - 4" - 4"
- 2" - 2" - 2" - 2"

#### Conductors

- 10" (8) 14" (14) 16" (16) 21" (16)
- 12" (8) 16" (16) 21" (16)
- 16" (8) 21" (16) 16" (16) 16" (16)

### Note

All conductors and conduits are new unless noted otherwise.

* See fiber optic plans for conduit size, P.I.D. cable locations.