NOTES
1. See Standard Specification 9-29.3 for Cable Conductor requirements.
3. Supplemental Grounding Conductor shall be non-insulated #4 AWG stranded copper, provide 3'-0" min. slack. Clamp to steel reinforcing bar with connector suitable for use embedded in concrete.
4. Heat shrink cap all spare conductors not terminated on a terminal strip.
5. When a Pedestrian Push Button is specified in contract plans, see Standard Plan J-20.20 for details.
6. Provide Cable Tie at wiring entering the Junction Box (for Slip Base installations only) – See Detail A, Standard Plan J-28.70.

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**Signal Wiring Detail**

**Terminal Block**

<table>
<thead>
<tr>
<th>Terminal Number</th>
<th>Mark</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>6#1</td>
<td>R</td>
<td>RED DISPLAY</td>
</tr>
<tr>
<td>6#2</td>
<td>O</td>
<td>AMBER DISPLAY</td>
</tr>
<tr>
<td>6#3</td>
<td>G</td>
<td>GREEN DISPLAY</td>
</tr>
<tr>
<td>6#4</td>
<td>B</td>
<td>SPARE CONDUCTOR</td>
</tr>
<tr>
<td>6#6</td>
<td>W</td>
<td>NEUTRAL CONDUCTOR</td>
</tr>
</tbody>
</table>

**Assisted Phase Number**

---

**Foundation Wiring Detail**

**Supplemental Grounding Conductor**

- See Note 3

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**Concrete Foundation**

- See Note 1

---

**Electrical Conduit**

- See Contract Plan for Diameter

---

**Conduit Coupling**

- Install flush with top of foundation (do not glue PVC stubout)

---

**Steel Reinforcing Bar (TYP.)**

---

**Grounding Stud with Nut**

- See Contract Plan for Wire Size and Quantities

---

**Installing Sized Reducing Washer and Connector**

To secure conductors at Top of Pole

---

**EQUIPMENT GROUNDING CONDUCTOR**

---

**LEVELING NUT (TYP.)**

---

**Hand Hole**

---

**Pole**

---

**Top of Pole**

---

**SLIPFITTER - OFFSET TOP MOUNT**

- Place Offset to Back of Pole

---

**IMSA 20-1 5C #14 Cable**

- Continued from Foundation

---

**TYPE 1 SIGNAL STANDARD ELECTRICAL DETAILS**

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**STANDARD PLAN J-21.20-01**

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**APPROVED FOR PUBLICATION**

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**Pasco Bakotich III**

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**6/10/13**

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**Washington State Department of Transportation**