1. All material and construction shall conform to the requirements of the Specifications.
2. Clean and dry all saw cuts before installing the loop duct.
3. Saw cut sealant for detector loops in AC shall be the emulsified crack filler sealant per the Standard Specifications. The sealant shall be pre-mixed by the manufacturer. Sealant for detector loops in PCCP shall be the elastomeric sealant per the Standard Specifications, or an approved two-part epoxy loop sealant.
4. All detector loops shall be given a continuity and insulation test before and after placing the final paving or placing the sealant in the sawcuts.
5. Loop wires in sub-base shall have 2" of sand above and below.
6. Use same material or approved equal for patching existing pavement. Patch to at least a greater thickness than existing pavement.
7. Loop detectors shall be located in center of traveled lane unless otherwise noted on plans.
8. Number of loop turns shall be as shown unless otherwise specified.
9. Sawcut depth shall be a minimum of 2" to the top of the loop duct on all sawcuts.

**TABLE "A"**

<table>
<thead>
<tr>
<th>LOOP PERIMETER</th>
<th>NO. OF TURNS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 40&quot;</td>
<td>3</td>
</tr>
<tr>
<td>40&quot; or more</td>
<td>2</td>
</tr>
</tbody>
</table>

**PLAN SYMBOLS**

- Standard Loop Detector
- Quadrupole Loop Detector

**NOTES:**

**DETAIL "B"**

**DETAIL "A"**

**DETAIL 1**

**DETAIL 2**

**LOOP INSTALLATIONS**

**SECTION A-A**