### NOTES:

1. All material and construction shall conform to the requirements of the Specifications.
2. Blow out all saw cuts before installing the loop duct.
3. Saw cuts shall be filled with sealer. Surface of sealer shall be kept below wearing surface of roadway.
4. All detector loops shall be given a continuity and insulation test before and after placing the final paving or placing the sealer in the saw cuts.
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 1/4" 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 runs shall be as shown unless otherwise specified.

### PLAN SYMBOLS

- Standard Loop Detector
- Quadrupole Loop Detector

### SAW CUT PATTERN FOR
STANDARD DETECTOR

- As Specified on Plans
- Stop Bar
- 45°
- 6'
- Saw Cut
- Sealer
- 1 3/4" Min.
- 8" Max.
- PCCP or AC

### SAW CUT PATTERN FOR
QUADRUPOLLE DETECTOR

- As Specified on Plans
- Stop Bar
- 45°
- 6'
- Saw Cut
- Sealer
- 1 3/4" Min.
- 8" Max.
- PCCP or AC

### LOOP INSTALLATIONS
SECTION A-A

#### DETAIL 1

- 1/2" Min.
- PCCP Or AC

#### DETAIL 2

- Finish Course Or Overlay
- Sand
- See Note 5
- Base Course
- Saw Cut

#### DETAIL 3

- 4"-6"

### DRILLING DETAIL

- Drill Detector Loop Corners 2" deep then saw pavement slits to form loop.
- Loop Duct - See The Specifications.
- Overlap the sawed slots to assure full depth.

### TABLE "A"

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

### DETAIL "A"

- Cut 3' Y To Locate Conduit
- Pull Box
- Curb & Gutter
- PVC Conduit, See Plans For Size
- See Note 6

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**STATE OF ARIZONA**
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DRAWINGS

**DRAWING NO.**

**T.S. 7-1**