Conduit and Precast Handholes

Added option for conduit to enter through the bottom of handhole.

1. Potential conduit entry through bottom of handhole.

**Figure 8010.103**

- **Precast Concrete Handhole (Type I)**
  - 2'-0" min. diameter
  - 1" to 3" depth
  - Finished Pavement Grade
  - Cable Hooks (4) Required
  - Extend 8" granular base 6" beyond walls of handhole.

- **HDPE Handhole (Type V)**
  - 2'-0" min. diameter
  - HDPE Frame
  - Composite Lid
  - Finished Pavement Grade

**Precautions:**
- Ensure proper drainage and elevation to prevent water accumulation.
- Use appropriate materials to withstand environmental conditions.
- Regular maintenance to prevent degradation over time.
**CONDUIT AND PRECAST HANDHOLES**

**HANDHOLE DIMENSIONS TABLE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>L</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>30&quot;</td>
<td>17&quot;</td>
<td>24&quot;</td>
</tr>
<tr>
<td>III</td>
<td>36&quot;</td>
<td>24&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>IV</td>
<td>48&quot;</td>
<td>30&quot;</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

**CONDUIT IN TRENCH**

1. Potential conduit entry through bottom of handhole.
2. For conduit behind curb, place 24 to 48 inches below top of curb. For conduit under roadway, place 30 to 60 inches below the gutterline.

**PRECAST CONCRETE COMPOSITE HANDHOLE**

- Stainless Steel Bolt
- Pull Slot
- One Piece Lid (Type II or III)
- Skid Resistant Surface

- Stainless Steel Bolt
- Pull Slot
- Two Piece Lid (Type IV)
- Skid Resistant Surface

- Cable Hooks (4) Required
- Extend granular base 8" beyond walls of handhole.

- Conduit Entry Through Side of Handhole

Ensure backfill material is free of cinders, concrete, or other rubble.

4" min. Trench

Compact Backfill Material

**REVISIONS:**

- Added option for conduit to enter through the bottom of handhole.
- Potential conduit entry through bottom of handhole.
- For conduit behind curb, place 24 to 48 inches below top of curb. For conduit under roadway, place 30 to 60 inches below the gutterline.