PORTLAND CEMENT CONCRETE PULL BOX (725.08)

**NOTES:**

1. Pull boxes shall conform with C&MS 625.11 and 725.07 or 725.08 or 725.09.
2. Conduit openings shall be sealed after conduit installation.
3. Aggregate used for pull boxes shall be No. 7 or 8, at 8" deep. Cost for aggregate shall be included with the unit price bid for each pull box.
4. Install pull box drains in accordance with C&MS Item 611 as specified in the plans, unless otherwise directed by the Engineer.
5. A durable label reading the need to lubricate the threads of the cover hold-down screws with grease or anti-seize compound shall be on the inside of the frame or upper wall.
6. See C&MS Item 625.11 for cover marking requirements.
7. Portland cement concrete pull box covers shall be cast iron with reinforcing ribs and matching frames by Neenah, Josam or Zurn foundries, or approved equal, or covers may be 1/2" minimum galvanized plate steel.
8. Tapered thickness portland cement concrete pull box walls may be used; however, minimum wall thickness shall be as indicated.
9. Lifting rings or wire pulling rings may be incorporated into precast portland cement concrete pull box walls.
10. Conduct wires for cast in place portland cement concrete pull boxes shall be cast as required. Precast portland cement concrete pull boxes may be field core drilled or sawed openings, or may have precut openings or knockouts. Knockouts shall be arranged to avoid compromising the structural integrity of the box.
11. Grounding braid, with lugs, shall be tinned copper, equivalent to No. 6 AWG. Do not use wire for the lid grounding conductor.
12. Provide polymer concrete, fiberglass and plastic pull boxes (725.06, 725.07, and 725.12) in the following nominal sizes based on volume. Linear dimensions shall match to ± 10% and volume by ± 10%.

**SIZE:**

<table>
<thead>
<tr>
<th>LENGTH (in)</th>
<th>WIDTH (in)</th>
<th>DEPTH (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>30</td>
<td>36</td>
</tr>
<tr>
<td>30</td>
<td>30</td>
<td>36</td>
</tr>
</tbody>
</table>

**INSTALLATION WITH INDEPENDENT DRAIN**

**INSTALLATION WITH CONNECTION TO ROADWAY UNDERDRAIN**

**TABLE:**

- If needed, install Precast Outlet per SCD DM-1.1.
- Item 611 Drain (Install Only if roadway underdrain is at least 1" below pull box gravel base)