**REINFORCEMENT - TOP OF SLAB**

- Wingwall Reinforcement
- \( \#10 \) cont

**REINFORCEMENT - BOTTOM OF SLAB**

- Edge of Slab
- \( \#10 \) cont

---

**SLAB DETAILS - SINGLE SPAN**

<table>
<thead>
<tr>
<th>Length of Span</th>
<th>16'</th>
<th>18'</th>
<th>20'</th>
<th>22'</th>
<th>24'</th>
<th>26'</th>
<th>28'</th>
<th>30'</th>
<th>32'</th>
<th>34'</th>
<th>36'</th>
<th>38'</th>
<th>40'</th>
<th>42'</th>
<th>44'</th>
</tr>
</thead>
<tbody>
<tr>
<td># 10 bars</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Spacing</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
<td>15&quot;</td>
</tr>
<tr>
<td>L = Length of Slab</td>
<td>( L )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**REINFORCEMENT**

- Top of Slab
  - \( \#10 \) bars
  - Continuous with a standard hook at each end
- Bottom of Slab
  - \( \#10 \) bars
  - Continuous without hooks

**Distribution of Spacing**

- \( d \) bars

**Approximate Quantities**

- Concrete (ft³)
- Steel (lbs)

---

*Notes:
1. \( d \) transverse reinforcement in the top of slab use the same bar size and spacing as the \( \#10 \) bars.
2. Add 0.5' for corrosion protection and adjust concrete quantity.
3. Live Loading HL-93 and PIS design load.*