### Materials Required for 1 LUG Section

**Concrete Pad, sq. yds. (m²)**
- 2

**Reinforcing Bars, lbs. (kg)**
- 216 (181)

**Concrete, cu. yds. (m³)**
- 96.0 (73.4)

**Improved Subgrade, sq. yds. (m²)**
- 138 (118)

**LUG System**

<table>
<thead>
<tr>
<th>Bar No.</th>
<th>Size</th>
<th>Length</th>
<th>Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>160</td>
<td>18</td>
<td>No. 25</td>
</tr>
<tr>
<td>b</td>
<td>No. 8</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>No. 5</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**
- Bend top portion in field as shown.
- Bend in field to fit.
- 66 a bars at 6'/0 (1.8 m) cts.
- 66 a bars of 6'/0 (1.8 m) cts.
- 10 mil (0.25) Polyethylene bond breaker
- Improved subbase (when applicable)
- 4,000 Stabilized subbase (when required)

**Concrete Pad**
- 8 (200)

**Improved Subgrade**
- 6-b bars (450)
- 3 (75) cl.

**Bond Breaker**
- 10 mil (0.25) Polyethylene