**Plan of Girder**

**Notes**

- All pre stressing strands shall be 0.6" L.R. Grade 270 strands and shall conform to AASHTO Type IV and shall be cut flush with the girder ends.
- The girder cover shall be otherwise as specified in the Standard Specifications.
- All pre stressing strands shall be cut flush with the girder ends.
- The transfer of load shall be even and the girder shall be free to react at the supports.
- The girder shall be free of concrete (at the supports).
- The girder shall be supported by a system of girders, the top surface of which shall be made to a system of girders by the end of the girder.
- The girder shall be supported by a system of girders, the bottom surface of which shall be made to a system of girders by the end of the girder.

**Reinforcing Steel for One Order**

<table>
<thead>
<tr>
<th>Bar Type</th>
<th>Number</th>
<th>Size (inches)</th>
<th>Length (feet)</th>
<th>Area (square inches)</th>
<th>Ultimate Tensile Strength (ksi)</th>
<th>Applied Prestress (Psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>3</td>
<td>10'-8&quot;</td>
<td>0.217</td>
<td>13</td>
<td>58,600</td>
<td>43,950</td>
</tr>
</tbody>
</table>

**Quantities for One Order**

<table>
<thead>
<tr>
<th>Interior Girder</th>
<th>Exterior Girder</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**References**

- Partial Elevation
- Partial Elevation
- Partial Elevation

**Standard**

- AASHTO Type II
- Prestressed Concrete Girder

**Project No.**

- Raleigh

**County**

- Wake

**Department of Transportation**

- North Carolina

**Standard Specifications**

- ULTIMATE TENSILE STRENGTH (ksi)