## Quantities for One Girder

<table>
<thead>
<tr>
<th>Interior Girder</th>
<th>Exterior Girder</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Girders Required</strong></td>
<td><strong>Girders Required</strong></td>
</tr>
<tr>
<td><strong>Number</strong></td>
<td><strong>Length</strong></td>
</tr>
<tr>
<td><strong>Steel Reinforcing Strands</strong></td>
<td><strong>Lb.</strong></td>
</tr>
</tbody>
</table>

**Notes:**
- S4 bars shall be bent before shipment. All bending shall not be allowed.
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### Reinforcing Steel for Girder Nos. _____

- **Showing Intermediate Diaphragm (Staggered)**
- **Showing Intermediate Diaphragm**

### Concrete

- **Area**
- **Ultimate Strength**
- **Applied Stress**

<table>
<thead>
<tr>
<th>Bar Type</th>
<th>Area (in²)</th>
<th>Strength (psi)</th>
<th>Stress (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>0.217</td>
<td>58,600</td>
<td>43,950</td>
</tr>
</tbody>
</table>

### Bar Types

- **0.6” L.R. Grade 270 Strands**

---

### Sections

- **Section A-A**
- **Section B-B**
- **Section C-C**

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### Plan of Girder

- **At End of Girder**
- **At C of Girder**

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### Partial Elevation

- **Partial Elevation**

---

### Elevation of Girder

- **Elevation of Girder**

---

### Project No.

- **County**

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### Drawn By:
- **ElR 8/91**

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### Checked By:
- **GRP 8/91**

---

### Date:
- **8/91**

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### Weight

- **Length**
- **Type**
- **Size**
- **Number**
- **Bar**

---

### SIGNATURES COMPLETED

- **MAA/TMG**
- **MAA/THC**
- **REV. 12/17**
- **REV. 1/15**
- **REV. 10/1/11**
- **MAA/GM**

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### STATE OF NORTH CAROLINA

- **RALEIGH**
- **STATION:**
- **COUNTY**

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### DEPARTMENT OF TRANSPORTATION

- **AASHTO Type II**

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### Continuous for Live Load

- **Min. Weight**

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### Bar Dimensions

- **1'-2"**
- **1'-0"**
- **5'-8"**
- **3'-3"**

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### Formed Holes

- **1" ~ 3"**
- **3'-6"**

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###illage elevation for additional S'' bars