### Clearances for Pretensioned Strands

- **Strands** may be bundled in groups consisting of at least 6 strands.
- The minimum distance between groups or individual strands is 1.5".
- The minimum distance for 0.25" strands is 1.5".
- Approval of Engineer is required for deviation.

### Typical Girder Section

- **Typical Girder Section**
- **Section A-A**
- **Additional Top Bar** (See Table)
- **Additional Strand**
- **Top & Bottom**

### Bridge Standard Details

- **No Scale**
- **State of California**
- **Department of Transportation**
- **Division of Engineering Services**
- **PC/Pretensioned Wide Flange Girder**
- **(Harped Strands)**

### Notes

1. The Jacking Force (P) is the jacking force required at the point of control along the span. The jacking force does not include any specific fabrication losses.
2. Concrete strengths will be determined by the Engineer.
3. Detection components are informational only and will be used to set screw the elevations.
4. Screed line elevations for deck concrete will be determined by the Engineer.
5. Prestressing strand shall be 270 ksi low tensile prestressing steel.
6. Contractors may utilize the "Jacking Force" and "N" values between the limits shown, as approved by the Engineer.
7. There must be a minimum of two hold downs per girder for the prestressing within the span.
8. The Registered Civil Engineer for the project is responsible for the selection of the materials and design.
9. The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.
10. The撕rea is provided at bearing pads.

### Strand Extension Hook Detail (At Bent)

- **Girder End**
- **Additional Top Bar** (See Table)
- **Additional Strand**
- **Top & Bottom**

### Table:

<table>
<thead>
<tr>
<th>Location</th>
<th>Order A</th>
<th>Order B</th>
<th>Order C</th>
<th>Order D</th>
<th>Order E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Girder A</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Girder B</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Girder C</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Girder D</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Girder E</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

### Diagram:

- **Girder Length (l)**
- **Units of "SECTION A-A", Typ**
- **Additional Top Bar, Typ (See Table)**
- **Additional Strand**
- **Top & Bottom**

### Additional Information:

- **Concrete Strength:**
- **Deformation:**
- **Deflection:**