**DESIGN LOAD TABLE**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>REACTION AT ABUTMENT SEAT</th>
<th>MAX. MOM.</th>
<th>REACTION AT</th>
<th>MAX. MOM.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PRESTRESSED CONCRETE BOX BEAM REINFORCEMENT**

<table>
<thead>
<tr>
<th>MARK</th>
<th>NO.</th>
<th>LENGTH</th>
<th>TYPE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td></td>
<td>2'-0&quot;</td>
<td>A</td>
<td>2'</td>
</tr>
<tr>
<td>II</td>
<td></td>
<td>2'-0&quot;</td>
<td>B</td>
<td>2'</td>
</tr>
</tbody>
</table>

**STANDARD FORMULAS**

- **For Beam Dead Load**
  - Type II
  - Type III
  - Type IV

- **Concrete Slab Thickness Table**
  - Table A
  - Table B

- **DESIGNER NOTES**
  - The location and placement of strands shall be determined by the designer.

- **Slab Location Schematic**
  - Typical Box Beam Section

- **Schematic Detail for Debonded Strands**
  - Legend:

- **Abutment or Pier Seat Elevations**
  - Corner of each end of void (typ.)
  - Break in cross slope

- **Revised Section 719.01**
  - The cost of coating the strands shall be included.

- **Required Minimum Concrete Strength at Transfer**
  - 7 ksi.

- **Max. Moment**
  - KIP-ft.

- **Future Work Sites**
  - Utilities

- **Beams at Service Limit State**
  - ksi (NYSDOT PERMIT VEHICLE)

- **Breaking of Strand**
  - 40 ft.

- **Checking of Deck Slab**
  - Minimum slab thickness as well as concrete volume.

- **Estimating the Minimum Slab Thickness**
  - Theoretical thickness of the deck slab based on assumed beam camber.

- **Elevation of Box Beam**
  - Level in set the bridge seat

- **Detail for Establishing Abutment or Pier Seat Elevations**
  - For adjacent prestressed beams.