Shift transversely as required to clear Bars 5T3 and FSB Bars 4K.
4~Bars 5T1
(Typ. Between FSBs)

SEE SECTION WITH CROWN ABOVE FOR ALL INFORMATION NOT SHOWN IN THIS SECTION

NOTES:
1. See Structure Plans General Notes for Topping minimum thickness and cover.
2. Work this Index with Developmental Index D400-300.

Florida Slab Beam (FSB) (Index 450-450) (Typ.)

TYPICAL SECTION THRU SUPERSTRUCTURE WITH CROWN

TYPICAL SECTION THRU SUPERSTRUCTURE WITH CONSTANT CROSS SLOPE
(SEE SECTION WITH CROWN ABOVE FOR ALL INFORMATION NOT SHOWN IN THIS SECTION)

NOTES:
1. See Structure Plans General Notes for Topping minimum thickness and cover.
2. Work this Index with Developmental Index D400-300.

SUPERSTRUCTURE TYPICAL SECTION

DEVELOPMENTAL STANDARD PLANS

FSB SUPERSTRUCTURE PACKAGE
24 FT. CLEAR WIDTH

INDEX
D400-324

1 of 4
**FLORIDA SLAB BEAM - TABLE OF VARIABLES**

<table>
<thead>
<tr>
<th>NOMINAL SPAN LENGTH</th>
<th>LOCATION</th>
<th>BEAM NO.</th>
<th>BEAM TYPE</th>
<th>CONCRETE PROPERTIES</th>
<th>STRENGTH PATTERN</th>
<th>PLAN VIEW CASE</th>
<th>ANGLE Ø</th>
<th>BEAM DIMENSIONS*</th>
<th>REINFORCING STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>1.5</td>
<td>FSB 12x53</td>
<td>V1</td>
<td>8500 6000</td>
<td>1 1 90° 90°</td>
<td>4-5 24'-10 ½''</td>
<td>31 4-0½'' 2-2½''</td>
<td>24 2-2½'' 57 4-3''</td>
<td>3-0½'' 3-0½'' 84 1 8 1'-6'' 1'-6''</td>
</tr>
</tbody>
</table>

**DIMENSION NOTES**

* All longitudinal slab beam dimensions shown on this sheet with a single asterisk (*) are measured along the top of beam at the centerline. Dimension "R" is calculated at mid-height of the slab beam.

**NOTE:** Work this sheet with Standard Plans Index Series 450-450.

---

**FLORIDA SLAB BEAM - TABLE OF VARIABLES**

**DEVELOPMENTAL STANDARD PLANS**

**REVISION:**

**DESCRIPTION:**

**INDEX:**

**SHEET:**

**DATE:**

**TIME:**

**REVISION:**

**DESCRIPTION:**

**INDEX:**

**SHEET:**
### Load Rating Summary Details for Prestressed Concrete Bridges (Flat Slab and Deck/Girder)

#### Table 2 - LRFR

<table>
<thead>
<tr>
<th>Span Length (Ft)</th>
<th>Limit State</th>
<th>Vehicle</th>
<th>Weight (Tons)</th>
<th>Load Factors</th>
<th>Moment (Strength) or Stress (Service)</th>
<th>Shear (Strength)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Distribution Factor (DF)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rating Factor</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Location</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimension (Ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Distribution Factor (DF)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rating Factor</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Location</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimension (Ft)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
1. Permit capacity is determined by using the permit vehicle in all lanes.
2. Service III Design Inventory tensile stress limits = 3√f'c.
3. Has the AASHTO LRFD Specifications Article 5.8.3.5 longitudinal reinforcement been satisfied? Yes ☐ No ☐

#### Abbreviations:
- Inv - Inventory
- Op - Operating

---

**For Information Only**

**Not for Construction**

---

** LOAD RATING SUMMARY SHEET **

**DEVELOPMENTAL STANDARD PLANS**

**FSB SUPERSTRUCTURE PACKAGE**

**24 FT. CLEAR WIDTH**

**D400-324**

4 of 4