**TABLE OF DEAD LOAD DEFLECTIONS**

<table>
<thead>
<tr>
<th>TYPE Tx28 GIRDER</th>
<th>TYPE Tx34 GIRDER</th>
<th>TYPE Tx40 GIRDER</th>
<th>TYPE Tx46 GIRDER</th>
<th>TYPE Tx54 GIRDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN LENGTH</td>
<td>&quot;A&quot;</td>
<td>&quot;B&quot;</td>
<td>&quot;C&quot;</td>
<td>&quot;A&quot;</td>
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<tr>
<td>40</td>
<td>0.009</td>
<td>0.011</td>
<td>0.013</td>
<td>0.004</td>
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<td>45</td>
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<td>0.017</td>
<td>0.020</td>
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<tr>
<td>50</td>
<td>0.024</td>
<td>0.030</td>
<td>0.037</td>
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<tr>
<td>55</td>
<td>0.034</td>
<td>0.038</td>
<td>0.047</td>
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<td>60</td>
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<td>0.053</td>
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<tr>
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<tr>
<td>75</td>
<td>0.053</td>
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<td>0.102</td>
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<tr>
<td>80</td>
<td>0.083</td>
<td>0.134</td>
<td>0.212</td>
<td>0.042</td>
</tr>
</tbody>
</table>

**DEAD LOAD DEFLECTION DIAGRAM**

Calculated deflections shown are due to the concrete slab on interior girder only. (1L = 3000 lbs.) All values are in inches.

**MATERIAL NOTES:**

- Concrete: Specify Class C concrete (F'C = 4,000 psi)
- Prestressed Concrete: Use Class C (F'C = 4,000 psi) concrete if shown elsewhere in the plans.
- Provide Grade 60 reinforcing steel.
- Provide bar bars, where required, as follows:
  - Deformed: #4 = 2'-2".
- Deformed Welded Wire Reinforcement (WWR) (ASTM A1064) or Epoxy Coated ~ #4 = 2'-5".
- Provide stirrups, where required.
- Cover dimensions are clear dimensions, unless noted otherwise.

**GENERAL NOTES:**

- Designed according to AASHTO LRFD Bridge Design Specifications.
- The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

- See JOB and PCP-JOB for panel details not shown.
- See PCP and PCP-JOB for panel steering panel details if this option is used.
- See IGN standard for miscellaneous details.
- See applicable site details for site exchange in slab.
- See PMR standard for details and quantity adjustments if this option is used.

- This standard is drawn righting for rightway skew.
- See Bridge later for skew detail direction.
- This standard does not support the use of tieback hanger.

**CONCRETE**

- Prestressed Concrete cured and cast according to TxDOT Standard IGCS.

**DEAD LOAD**

- See PCP and PCP-FAB for panel details not shown.

**TOTAL NUMBER OF BARS**

- 5 for normal design.

**TOTAL NUMBER OF POLES**

- Cones are not shown.

**H193 DRIVING**

- Sheet 2 of 2

**PRESTRESSED CONCRETE I-GIRDER SPANS**

- (TYPE Tx28 THRU Tx54)
- 28' ROADWAY
- 30° SKEW

**SIG-28-30**

- I7: 485 x 20 x 24 x 60' x 30°
- I8: 485 x 20 x 24 x 60' x 30°
- I9: 485 x 20 x 24 x 60' x 30°
- I20: 485 x 20 x 24 x 60' x 30°
- I21: 485 x 20 x 24 x 60' x 30°
- I22: 485 x 20 x 24 x 60' x 30°

- 5 for normal design.