### Table of Dead Load Deflections

<table>
<thead>
<tr>
<th>Type</th>
<th>Span</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tx28</td>
<td>40 Ft</td>
<td>0.009</td>
<td>0.013</td>
<td>0.006</td>
<td>0.009</td>
</tr>
<tr>
<td></td>
<td>50 Ft</td>
<td>0.007</td>
<td>0.012</td>
<td>0.005</td>
<td>0.008</td>
</tr>
<tr>
<td></td>
<td>60 Ft</td>
<td>0.006</td>
<td>0.011</td>
<td>0.004</td>
<td>0.007</td>
</tr>
</tbody>
</table>

### Table of Estimated Quantities

<table>
<thead>
<tr>
<th>Type</th>
<th>Span</th>
<th>REINFORCED CONCRETE</th>
<th>PRECAST CONCRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ABT</td>
<td>INT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FT</td>
<td>FT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FT</td>
<td>FT</td>
</tr>
</tbody>
</table>

### Dead Load Deflection Diagram

- The diagram shows the calculated deflections due to the dead loads on the girder spans.
- The concrete slab on interior girders only.
- The concrete slab on exterior girders only.
- The concrete slab on exterior and interior girders.
- The concrete slab on interior girders only.

### General Notes

- **Fabricators**: Adjust lengths for girder slopes as required.
- **Casting Weight**: Reinforcing steel weight is calculated using an approximate factor of 2.2 ft/lb.

### Material Notes

- **Vapor**: Deformed reinforced concrete (RC) concrete.
- **Shear**: Reinforced concrete in shear if shown elsewhere in the plan.
- **Concrete**: Grade 40 reinforcing steel.
- **Properties**: All materials are assumed to be uniform throughout unless otherwise specified.

---

**Sig 44**

**Texas Department of Transportation**

**Prestressed Concrete I-Girder Spans**

**Type (Tx28 THRU Tx54)**

**44 Roadway**

**HLS3 Loading**

**Sheet 2 of 2**