### Table of Dead Load Deflections

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<th>Span Length</th>
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<th>Type 5XB28 Beams</th>
<th>Type 5XB34 Beams</th>
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</table>

**DEAD LOAD DEFLECTION DIAGRAM**

Calculated deflections shown are due to the concrete on interior beams only (Ec = 5,000 ksi). Adjust values as required for exterior beams and if optional slab forming is used. These values may require field verification.

**GENERAL NOTES**
- Designed according to AASHTO LRFD Specifications. All reinforcing, with slab continuous over interior piers, may be formed with the details shown on AASHTO Bridge Design Standards.
- See Table 1 for HPB details and quantity adjustments.
- See precut or precambered steel for details.
- See XBMS Standard for miscellaneous details.
- Concrete strength f'c = 4,000 psi.
- Bar laps, where required, will be as follows:
  - Uncoated: #8 = 5' 1-1/2 "
  - Coated: #8 = 6' 1-1/2 "
- See PCP or PMDF Standards for details and quantity adjustments.
- See XBTS Standard for Thickened Slab End Details
- Transition Bents.
- See railing details for rail anchorage in slab.
- Multi-span units, with slab continuous over interior bents, may be formed with the details shown on this sheet and Standard XBCS.
- Designed according to AASHTO LRFD Specifications.
- Per Texas Department of Transportation Bridge Design Standards.