

2.2—LADOTD DECK DESIGN TABLES, GIRDER TOP FLANGE < 48 INCHES

The tables in this section are developed for concrete cast-in-place deck supported by concrete or steel girders with flange width < 48 inches.

These tables may be used in lieu of detailed analysis. Refer to Section 2.1 for assumptions and limitations used. In addition, the following assumptions were used as exceptions to those cases listed in Section 2.1 in order to develop these tables and must be considered when using the listed values.

- Maximum live load moment from *Table A4-1* is used. Design section for the negative moment is determined in accordance with *LRFD A4.6.2.1.6*, assuming a 12 inch top flange width for the girder.
- Effective span length "S" for the distribution reinforcement calculation is in accordance with *LRFD A9.7.2.3*, assuming a 12" top flange and 5/8" web for the girder.