

3.6.1.3 APPLICATION OF VEHICULAR LIVE LOADS

3.6.1.3.1 General

All bridges will be designed for Strength I case using the controlling live load cases:

- A. Lane Load + Design Tandem.
- B. Lane Load + Design Truck.
- C. Negative moment between points of contraflexure only.
 - 1. 90% of two Design trucks (with 14' axle spacing) going in the same direction a minimum of 50 feet apart (measured from the rear axle of the lead vehicle to the front axle of the trailing vehicle) + 90% lane load.
 - 2. Two Design tandems spaced 26' to 40' apart + lane load

3.6.1.3.2 Loading for Optional Live Load Deflection

The live load deflection should be based on the provisions of this article.