

**IOWA DEPARTMENT OF TRANSPORTATION**

**To Office** Bridges and Structures **Date** February 7, 2005  
**Attention** All Employees **Ref No.** 521.1  
**From** Gary Novey  
**Office** Bridges and Structures  
**Subject** Method's Memo No. 106 (End beam dimension for BTC)

Questions have been raised about the difference between the BT, BTD and BTC at the beam-ends. Through an oversight the dimension between the centerline of bearing and the end of the beam was 8 inches (200 mm) for the BT and BTD and 6 inches (150 mm) for the BTC. To provide a more consistent use of the bulb tee standards, the following detail changes shall be made to bridge projects using the new BTC standard:

1. The dimension from the end of the beam to the centerline of bearing shall be changed from 6 inches (150 mm) to 8 inches (200 mm).
2. The longitudinal dimension from the centerline of the beam bearing to the centerline of a pier shall be changed from 9 inches (250 mm) to 1 foot (300 mm).

The changes shall be made to all bridges currently be detailed. Updates to the BTC beam standards are available in the standards directory and on the Internet at:

[www.dot.state.us.us/bridge/standard.htm](http://www.dot.state.us.us/bridge/standard.htm)

Paper copies will be distributed.

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