



Lateral Connections for Double T Bridges

Description

Meta Fields

Category : Completed Projects

Group : Superstructure

Subject : Double T Connections

Abstract : This project developed, analyzed, and tested a method for laterally connecting the edges of double tee members in a bridge. Load tests were conducted on a 27 ft span, two-tee bridge in the laboratory. Static and cyclic loadings were applied. No distress or failures were found in the connections during the testing program. The report reviews connection methods that have been used in the past and recommends a detail for use in TxDOT bridges. Appropriate lateral distribution factors for TxDOT bridges built with the recommended connection are addressed.

Key Words : Restressed, Concrete, Double,Tee, Lateral, Connection, Multibeam, Multi-Beam, Bridge

Project Length : 24 months

Primary Sponsor Contact Info : Texas Department of Transportation Research and Technology Implementation Office P. O. Box 5080 Austin, TX 78763-5080 USA

Other Documents 0 Other Documents File : 2332

Project Starting Year : 1998

Project Completion Year : 2000