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Highway Bridge Superstructure Engineering - GBV

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Description. This semester-long course is devoted to the design of highway bridges using the latest version of AASHTO's LRFD Bridge Design Specifications, with an emphasis on steel superstructure design. The topics familiarize attendees with the intent and background of AASHTO's LRFD Bridge Design Specifications provisions and prepare participants to make educated decisions when needed.

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Highway Bridge Superstructure Engineering. Boca Raton: CRC Press, <https://doi.org/10.1201/b17784>. COPY. A How-To Guide for Bridge Engineers and Designers Highway Bridge Superstructure Engineering: LRFD Approaches to Design and Analysis provides a detailed discussion of traditional structural design perspectives, and serves as a state-of-the-art resource on the latest design and analysis of highway bridge superstructures.

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Fully understand the idea and Significance of LRFD Specifications Divided into six chapters, this instructive text: Introduces bridge engineering as a discipline of structural style Describes various styles of route bridge superstructures systems Presents an in depth discussion of varied styles of hundreds that act on bridge superstructures and substructures Discusses the strategies of analyses of route bridge superstructures Includes an in depth discussion of strengthened and prestressed ...

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Contents lx 2.4.3 Diaphragms in Bridge Superstructures 91 2.4.3.1 AASHTO Standard Specifications for Diaphragms 92 2.4.3.2 AASHTO LRFD Specifications for Diaphragms and Cross-Frames 93 2.5 Bridge Site and Geometry 94 2.5.1 Bridge Type, Size, and Location 94 2.5.2 Bridge Width 95 2.5.3 Normal and Skewed Bridges 95 2.6 Deflections 97 2.6.1 Historical Review of Deflection Limitations 97 2.6.2 ...

Highway Bridge Superstructure—GBV

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Bridge Manual—USC

A bridge is a monument to mankind indomitable will to achieve. Bridges symbolize the ideals and aspirations of humanity. This book is intended to serve as a source of the state-of-the-art knowledge pertaining to design and analysis of highway bridge superstructures conforming to AASHTO-LRFD Specifications for Design of Highway Bridges. The discussion presented herein focuses on the load and resistance design philosophy conforming to AASHTO LRFD Bridge Design Specifications.

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