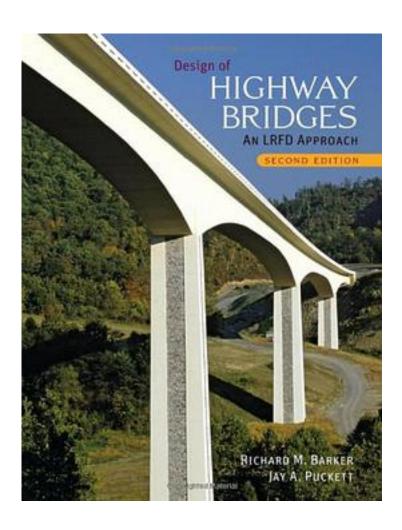
Design of Highway Bridges



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The up-to-date guide to applying theory and specifications to real-world highway bridge design

Design of Highway Bridges, Second Edition offers detailed coverage of engineering basics for the design of short- and medium-span bridges. Based on the American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications, it is an excellent engineering resource. This updated edition features:

- * Expanded coverage of structural analysis, including axle and lane loads, along with new numerical analytic methods and approaches
- * Dozens of worked problems, primarily in Customary U.S. units, that allow techniques to be applied to real-world problems and design specifications
- * Revised AASHTO steel bridge design guidelines that reflect the simplified approach for plate girder bridges
- * The latest information on concrete bridges, including new minimum reinforcement requirements, and unbonded tendon stress at ultimate and losses for prestressed concrete girders
- * Information on key bridge types, selection principles, and aesthetic issues
- * Problems and selected references for further study
- * And more

From gaining quick familiarity with the AASHTO LRFD specifications to seeking broader guidance on highway bridge design--this is the one-stop, ready reference that puts information at your fingertips.

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