



Introduction to Transportation Engineering (2nd International edition)

By James H. Banks

McGraw-Hill Education - Europe. Paperback. Book Condition: new. BRAND NEW, Introduction to Transportation Engineering (2nd International edition), James H. Banks, The second edition of "Introduction to Transportation Engineering" has been developed to provide a concise yet thorough introduction to intermodal transportation. One of its underlying concepts is that the basic techniques and principles of transportation engineering are of wide application. For practical reasons, the major emphasis is often on highways, but care is taken to show how basic concepts and techniques apply to different modes. The book strives to provide a background in transportation planning, analysis, and design while emphasizing the social, economic, and political context of transportation engineering. It places major emphasis on important practical topics such as geometric design, "Highway Capacity Manual" methods, and traffic signal timing, and also emphasizes important theoretical topics such as the fundamental techniques of traffic analysis and the economic theory underlying transportation demand modeling. The text has been revised and updated to reflect the 2000 revision of the "Highway Capacity Manual". The numbers of flow charts, diagrams, and photos have been increased from the previous edition. The text also offers new open-ended design exercises pertaining to common design problems in transportation such as horizontal...

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