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NEW

ICE Manual of Highway Design and Management

I. Walsh

The *ICE Manual of Highway Design and Management* is a one-stop reference for all practising engineers working in the field of highway engineering. Written and edited by a wide selection of leading specialists, this manual covers each of the key aspects of highway engineering projects – from funding, procurement and transport planning to traffic engineering, materials and design – as well as the management and maintenance of existing highways assets. Sixty-nine highly illustrated chapters cover all areas of highway engineering and include case studies, common problems and practical advice, along with suggested further reading and websites.

Part of the bestselling ICE Manuals series, *ICE Manual of Highway Design and Management* is a vital resource for practising civil engineers and students of highway engineering.

Read more at www.icemanuals.com

978 07277 4111 0 / 850pp / Hardbound / 2011 / £150.00



NEW

Deterioration and Maintenance of Pavements

D. Pearson

Text

Originally developed as a set of course notes for an MSc module of the same name, this book is perfect for new pavement engineers and focuses on the evaluation and repair of pavements. The author employs an easy-to-follow, colloquial style, while drawing extensively on his years of personal experience. The text is highly accessible and full of examples and case studies providing hands-on, practical guidance relating to a wide range of pavement-types.

978 07277 4114 1 / 290pp / Paperbound / 2011 / £55.00



BEST SELLER

Qualityreviewer

R. Cowan, S. Adams and D. Chapman

Endorsed by the HCA

Will this planning proposal produce a well designed development? Every year this question is asked of hundreds of thousands of planning applications. Each development has the potential to make a place that is attractive, pleasant to live in, economically successful and makes the best use of resources. Whereas bad planning and design can produce developments that actually damage the quality of life in a community.

In a new approach to development management, *Qualityreviewer* offers planners, councillors and other decision makers help in thinking about the design quality of a development when assessing planning applications. By covering the essential questions to ask in assessing design, this book provides new skills for planners, councillors, regeneration professionals, students and anyone else who is committed to raising standards of design quality.

978 07277 4057 1 / 104pp / Paperbound / 2010 / £30.00



BEST SELLER

Pedestrian Facilities

J. Schoon

Building on the many books that look at the aesthetic aspects of pedestrian facility design, this book is the first to deal exclusively with engineering and numerical design aspects. *Pedestrian Facilities* covers footways, uncontrolled and controlled crossings along roads and at junctions, as well as roundabouts and driveways where pedestrian and vehicular traffic interact.

Vital for practitioners and students involved in civil engineering aspects of design projects for highways and public spaces, this book draws together material from many different and often overlapping sources, providing design information intended to assist urban planners, architects and the wide range of people involved with facilities within public spaces.

978 07277 4069 4 / 384pp / Hardbound / 2010 / £60.00



BEST SELLER

Graphics for Urban Design

B. Meeda, N. Parkyn and D. S. Walton

An essential, practical guide to producing graphics for urban design projects and planning. Through illustration and narrative, the authors demonstrate how urban regeneration has inspired a growth and mixture of graphic techniques for communicating a projects vision.

The guidance includes various methods for producing hand-rendered or computer-generated visuals and details the entire planning process, from community consultations to final reports. It defines outstanding material as being clear, relevant, accessible, honest and attractive whilst presenting clear systems to achieving these outcomes.

The expert advice is divided in the following sections: the process; good practice; the products; management of graphics and production; and images and information.

978 07277 3399 3 / 128pp / Paperbound / 2006 / £35.00



BEST SELLER

The Shell Bitumen Handbook, 5th edition

R.N. Hunter, J. Read and D. Whiteoak

This respected handbook has earned its reputation as the authoritative source of information on bitumens used in road pavements and other surfacing applications.

The Shell Bitumen Handbook covers every aspect of bitumen, from its manufacture, storage and handling to specifications and quality along with a whole chapter on bitumen emulsions. The mechanical testing and physical properties of bitumen, its structure and rheology, properties such as durability and adhesion and the influence of these properties on performance in practice are all set out in individual chapters.

Compiled by the Shell Bitumen European Technical Team, *The Shell Bitumen Handbook* is intended to be of daily use to civil engineers in pavement construction and maintenance, and also to students and researchers.

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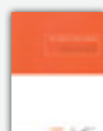
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