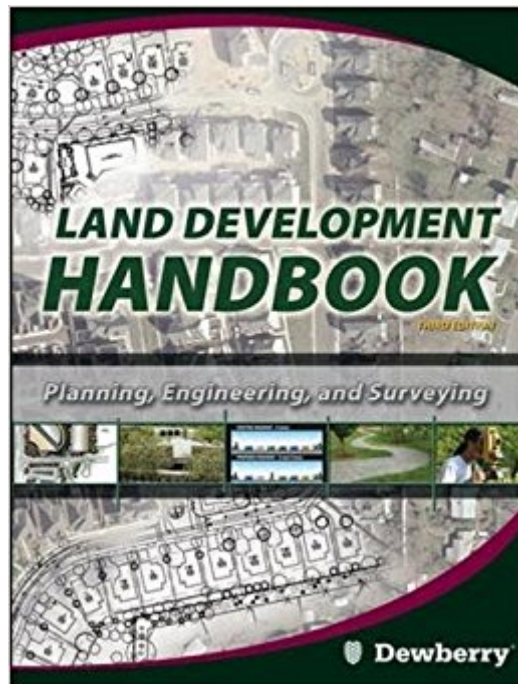




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Land Development Handbook



Synopsis

The Definitive Guide to Land Development-Every Detail, Every Issue, Every Setting Land Development Handbook provides a step-by-step approach to any type of project, from rural greenfield development to suburban infill to urban redevelopment. With the latest information regarding green technologies and design, the book offers you a comprehensive look at the land-development process as a whole, as well as a thorough view of individual disciplines. Plus, a bonus color insert reveals the extent to which land development projects are transforming our communities! This all-in-one guide provides in-depth coverage of: Environmental issues from erosion and sediment control and stormwater management to current regulatory controls for plan approval, permitting, and green building certification Comprehensive planning and zoning including new development models for mixed-use, transit-oriented, and conservation developments Enhanced approaches to community and political consensus building Technical design procedures for infrastructure components including roads and utilities with a new section on dry utilities Surveying tools and techniques focusing on the use of GPS and GIS to collect, present, and preserve data throughout the design process Plan preparation, submission, and processing with an emphasis on technologies available-from CAD modeling and design to electronic submissions, permit processing, and tracking Subjects include: Planning and zoning Real Property Law Engineering Feasibility Environmental Regulations Rezoning Conceptual and Schematic Design Development Patterns Control, Boundary, and Topographical Surveys Historic Assessment and Preservation Street and Utility Design Floodplain Studies Grading and Earthwork Water and Wastewater Treatment Cost Estimating Subdivision Process Plan Submittals Stormwater Management Erosion and Sediment Control And much more!

Book Information

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Customer Reviews

How to develop. "Forty years ago, for a typical suburban house, the cost of engineering, planning, and surveying, including fees paid to agencies, was about the cost of a refrigerator today. Today it is probably greater than the total cost of all of kitchen and other electronic appliances combined." So write Sidney Dewberry and Dennis Couture in the overview chapter that introduces the mammoth second edition of the *Land Development Handbook: Planning, Engineering, and Surveying* (2002; McGraw-Hill; 1,124 pp.; \$150). A development and consulting firm, the Dewberry Companies, is listed as author, which seems appropriate since most of the 26 editors and contributing authors are employees of the firm. The first edition of this handbook was published in 1996. For this version, several of the 41 chapters have been updated, and the order of presentation has been changed to reflect the way issues come up in a project. There are six sections: feasibility and site analysis, conceptual design, schematic design, final design, plan submission and permitting, and construction. This is a how-to book that aspires to be both extensive and detailed; its table of contents alone runs 13 pages. As the title and cover photo suggest, the authors focus on development of greenfields. The engineering perspective is dominant, and the book's brief mentions of smart growth and new ways of designing feel largely extraneous to the business at hand. Thus, the 51-page chapter on suburban street design devotes two pages to pedestrians, and the list of suggested readings in the chapter on development patterns and principles includes no work published since 1990. (Planning Magazine 2003-09-01) --This text refers to an out of print or unavailable edition of this title.

A "BIG PICTURE" VIEW OF THE INCREASINGLY COMPLEX LAND DEVELOPMENT PROCESS
Once a relatively simple matter, land development has today become a complicated art and science unto itself, and one that has wide implications for entire urban economies. The many factors involved are enough to challenge the savviest engineer, planner, surveyor, architect, attorney, developer, or any professional who must navigate the confusing maze the land development process has become. Written by one of the nation's premier consulting firms, this new edition delivers up-to-date coverage of planning, engineering, and surveying . . . all with over 700 illustrations, including diagrams, detailed drawings, plats, and reports generated at the various

design stages, as well as charts, tables, and more. You'll find a thorough description of the design and approval process for residential, commercial, and retail land development projects and access to valuable bottom-line information on:

- * Environmental issues, including erosion and sediment control, storm water management, environmental impact studies and assessments, and water quality
- * Types of local regulations; where to get necessary project approval; what to expect during the process
- * Site analysis and selection criteria for feasibility studies
- * Technical information on the design of suburban infrastructure components such as water treatment and supply systems, sanitary sewer systems, storm drain systems, and roads
- * The complete spectrum of surveying methods, including Global Positioning System Surveys and Geographic Information Systems

COST ESTIMATING? If you're looking for cutting-edge blockbuster coverage of the land development process, the search ends here.

NEW IN THE SECOND EDITION

- * Regulation changes by FEMA, EPA, U.S. Army Corps of Engineers, and more
- * New data on open space areas for landscape architects
- * Coverage of the latest advances in GPS and GIS technology
- * New perspectives on urban growth (Smart Growth as well as updated Development Types)
- * Updated case studies, plans, and details

--This text refers to an out of print or unavailable edition of this title.

Needed this textbook for one of my classes and when I first got it, I bemoaned over how heavy it was. However, it's really easy to read and has a lot of great information. I'm not planning on going into land development but this really explained everything from feasibility/programming to site analysis to conceptual design to entitlements and permitting, etc. Very great resource!

Buy this book if you are a general civil engineer, even if you do not practice land development, it includes a vast swath of useful information on a variety of projects and topics.

It is a great reference but you cannot use a kindle during the exam. I never opened it during my CE271 course in MSU but it was helpful to answer on question on the final

I got this book because my doctor want me to do so. this is my first time to buy books in . this book is neat and clean. like new. not used. but i pay the used price. so that i give it 5 stars!:)

This is a practical handbook for Civil Engineers who are interested in Land Development. In-depth technical aspects are also covered.

Gonna take forever to read but so much good info!

30+ chapters written by separate people and edited by no one. Repetitive subject matter. Also inconsistent use of terms. There is good info in some areas, but buried in lots of other verbiage. Everything from very useful like remediating contaminated soil to the extremely obvious such as have enough chairs in public meetings. For next edition, invest in an editor.

This is a thorough and comprehensive handbook for anyone contemplating a serious task in land development

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