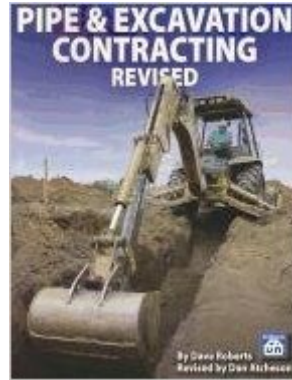


The book was found

# Pipe & Excavation Contracting Revised



## Synopsis

This popular manual has been updated and improved to bring it more current with modern earthmoving and trenching equipment, refined excavation techniques, stricter safety rules, and improved materials. Here you'll find how to enter and succeed in the underground utility business. Includes hands-on instructions for operating the equipment and doing the trenching, pipe laying and connecting work and answers to what causes so many skilled equipment operators and pipelayers to fail when they try to start their own business. Learn how to find the right kind of work, read and compute quantities from the plans, figure realistic crew and equipment productivity rates, consider job variables, calculate your O & P, then estimate and bid the job, and get the bonds you need. Also, how to deal with change orders and liquidated damages, choosing the right equipment, and handling safety issues. When it comes to doing the actual work, you'll find the combined expertise of two long-time professionals, explaining how to follow and read the surveyor's reference stakes; how to check grade and line with an optical level, transit and pipe laser, and how to use GPS systems. See the best ways to clear the site, including asphalt and rock; handle rock, steep slopes and high groundwater; meet compaction requirements; install septic tanks and drain fields; all common types of water and sewer pipe, and how to do subsurface excavation. This new edition includes detailed coverage of the various pipe, joints and fittings now available, and is filled with photos, diagrams, charts, checklists and examples to help you build a career as a successful pipeline contractor.

## Book Information

Perfect Paperback: 328 pages

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Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (24 customer reviews)

Best Sellers Rank: #98,458 in Books (See Top 100 in Books) #13 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Contracting](#) #60 in [Books > Engineering & Transportation > Engineering > Mechanical > Machinery](#) #295 in [Books > Engineering & Transportation > Engineering > Construction](#)

## Customer Reviews

The book was OK, but it's very basic. Too much of the book had elementary chapters and too little meat I think. If you never did any underground work this book is good...for those that have there's probably a better one out there..I haven't found it so I'm not sure. The book had mostly on how to operate a backhoe, how to dig around utilities and stuff. I was looking for surveying hints..there were some but not much. I probably should have looked for a surveying book..but that would make too much sense.

This book is about pipeline construction operations which explain plant, Labour and methods used in this business .This is really very good practical book that you hard to find in this level of practical in engineering books . Suitable for foreman, estimator, engineering and any body who are interested in pipeline work. The author used his extensive experience to explain pipe work, estimation bid, and plant productivity, earth moving equipment and pipeline construction procedures. it is really great source.

This book is heavy. The lightest, easiest reading is in the index - from there on it's strictly business and takes you through the very bowels of the whole business.You could literally start, run and retire from the business with this book as a guide. It is very in-depth.

This how-to guide will teach new contractors the very basics of underground construction work.

I purchased this book to assist me in passing the test to obtain my state contractors license. I passed first time so I have to highly recommend this book!

Great reference for the engineer inspecting a failed installation. How to know everything was properly installed? This book tells you.

Not too hard to comprehend. This was suggested reading for the Louisiana General Contractors License Exam. I found it informative.

Covers a lot of basic information. Worth reading if you are in the field. You may pick up a few tips & tricks.

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