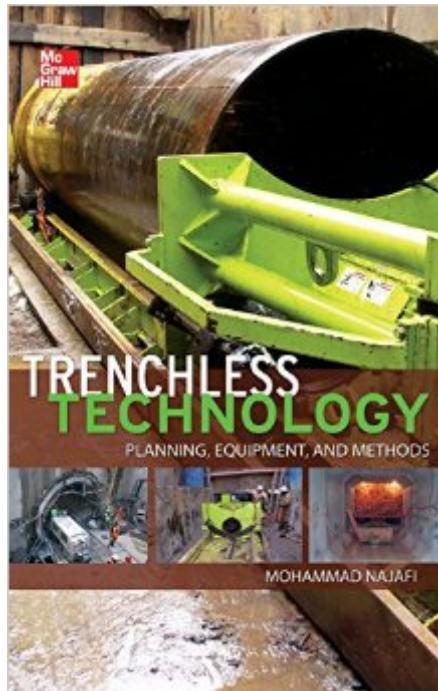


The book was found

# Trenchless Technology: Planning, Equipment, And Methods



## Synopsis

The complete guide to trenchless technology project management, planning, costs, and methods Written by an expert in the field of pipeline system engineering, this book describes how to plan, schedule, and implement efficient, cost-effective trenchless technology piping projects. Filled with detailed illustrations and real-world examples, *Trenchless Technology: Planning, Equipment, and Methods* explains how to accurately compare the costs of trenchless projects, considering geotechnical and rock mass impacts, drilling fluids, and locating and tracking equipment. This in-depth reference provides important information on how to estimate the cost of labor and equipment and schedule trenchless piping projects. A wide range of trenchless technology methods suitable for various ground and project conditions are discussed in this practical resource. Coverage includes:

- Cost comparison of trenchless technology methods
- Planning for trenchless technology projects
- Project delivery methods
- Geotechnical considerations
- Rock mass properties impacts on trenchless project feasibility
- Tracking, locating, and planning tools for horizontal directional drilling
- Drilling and lubricating fluids
- Planning and construction requirements for horizontal direction drilling
- Horizontal auger boring
- Pipe ramming
- Microtunneling methods
- Pilot tube (or pilot tube microtunneling) method
- Pipe/box jacking and utility tunneling
- Cured-in-place-pipe method
- Sliplining
- Lateral renewal
- Localized repair
- Planning and construction requirements for pipe bursting
- Panel linings
- Spray-in-place pipe

## Book Information

Hardcover: 608 pages

Publisher: McGraw-Hill Education; 1 edition (January 18, 2013)

Language: English

ISBN-10: 0071762450

ISBN-13: 978-0071762458

Product Dimensions: 6 x 1.4 x 9.1 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews Â (1 customer review)

Best Sellers Rank: #896,540 in Books (See Top 100 in Books) #56 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Highway & Traffic #76 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Drilling Procedures #132 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Contracting

## Customer Reviews

Trenchless technology is an essential technology, capable of installing or restoring utility lines belowground, with a minimum of surface disruption. Dr. Najafi is one of the outstanding experts in this field and has dedicated himself to educating the construction industry, as well as local governments, to the benefits of this construction method. "Trenchless Technology -- Planning, Equipment, and Methods" is the latest in a series of references by Dr. Najafi to help support this technology, thereby helping ensure its successful application. This latest book focuses on the proper planning, without which the projects are unlikely to succeed. The book is highly recommended for engineers, teachers, interested students, inspectors, and relevant government officials.

[Download to continue reading...](#)

Trenchless Technology: Planning, Equipment, and Methods  
Trenchless Technology : Pipeline and Utility Design, Construction, and Renewal  
Jane's Airport & Atc Equipment 1993-94 (Jane's Airport Equipment and Services)  
Jane's Airports Equipment & Services 2004-2005 (Jane's Airport Equipment and Services)  
Jane's Airports Equipment & Services 2005-06 (Jane's Airport Equipment and Services)  
Understanding Anesthesia Equipment (Dorsch, Understanding Anesthesia Equipment)  
High Throughput Screening: Methods and Protocols (Methods in Molecular Biology)  
(Methods in Molecular Biology, 190)  
ISO 11146-1:2005, Lasers and laser-related equipment - Test methods for laser beam widths, divergence angles and beam propagation ratios - Part 1: Stigmatic and simple astigmatic beams  
The Navigator's Handbook: Essential Methods and Equipment--And How to Use Them to Go Anywhere at Sea  
Engineering Methods for Robust Product Design: Using Taguchi Methods in Technology and Product Development  
Introduction to Biomedical Equipment Technology  
Microsoft SharePoint 2013 Planning for Adoption and Governance: Planning for Adoption and Governance  
Guerrilla Capacity Planning: A Tactical Approach to Planning for Highly Scalable Applications and Services  
Wedding Planning: Affordable and Practical Wedding Guide for Planning the Best Wedding Celebration  
Wedding Planning: Affordable and Practical Wedding Guide for Planning The Best Wedding Celebration - Creative Wedding Ideas - Wedding Decorations - Wedding ... Accessories (Weddings by Sam Siv Book 1)  
Wedding Planning Guide: A Practical, on a Budget Guide to a Sweet and Affordable Wedding Celebration: Wedding ideas, Wedding tips, Step by Step  
Wedding Planning  
Wedding Planning - 25 Essentials: The Ultimate Guide for Selecting Dresses, Cakes and Decorations on a Budget (Wedding Planning, Wedding Registry, Wedding ... Rings, Wedding Reception, Getting Married)  
Wedding Planning : Every Bride's Essential Wedding

Guide: Plan The Perfect Wedding And Avoid Potential Mistakes (Wedding Planning Guide, Wedding Planner, Wedding Tips, Wedding Celebration) Teens' Guide to College & Career Planning (Teen's Guide to College and Career Planning) All-in-One Nursing Care Planning Resource: Medical-Surgical, Pediatric, Maternity, and Psychiatric-Mental Health, 4e (All in One Care Planning Resource)

[Dmca](#)