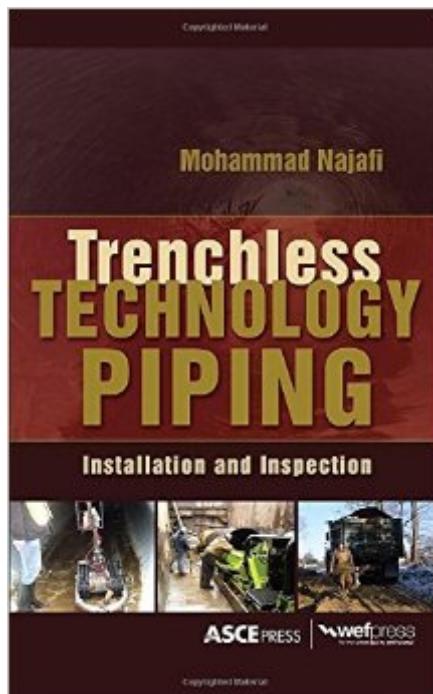


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# TRENCHLESS TECHNOLOGY PIPING: INSTALLATION AND INSPECTION



## Synopsis

Design, Install, Inspect, and Manage Trenchless Technology Piping Projects Trenchless Technology Piping offers comprehensive coverage of pipe installation, renewal, and replacement using trenchless technology methods. This step-by-step resource explains how to implement efficient design, construction, and inspection processes and shows how to save time and money with a state-of-the-art project management system. Packed with detailed illustrations, the book surveys the wide variety of trenchless technologies available and discusses the recommended applications for each. This cutting-edge engineering tool also contains vital information on contracting, project delivery, safety, quality control, and quality assurance. **COVERAGE INCLUDES:** Trenchless technology methods for new pipe installations and old pipe linings and replacements Pipeline planning and design Pipe behavior under soil and traffic loads Details on different types of pipes, such as concrete, plastic, PVC, HDPE, GRP, and metallic Design and project management considerations for horizontal directional drilling (HDD) Trenchless replacement systems, including pipe bursting and pipe removal methods Construction and inspection requirements for cured-in-place pipe (CIPP) Design and construction considerations for pipe jacking and microtunneling methods Quality assurance, quality control, inspection, and safety

## Book Information

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## Customer Reviews

"Trenchless Technology Piping" is an essential reference for engineers responsible for the design

and installation of belowground piping systems. It is also an important source of information for inspectors, decision-making personnel, or any other persons that may require background information on the state-of-the-art of "trenchless technology". The book provides clear descriptions of the various trenchless alternatives, including detailed design and calculation procedures, as well as inspection guides, and also discusses available pipe materials, including associated advantages and limitations. This comprehensive source represents another important contribution to the industry by Dr. Mohammad Najafi, Director of the Center of Underground Infrastructure Research and Education (CUIRE) at the University of Texas at Arlington, who is of national and international renown in this field.

This is a new book and is in good conditions, I have not finish reading the book yet so far. I was looking for design calculations examples, because I am new in lining and renewal existing culverts, this book has only two CIPP mathematical examples I hope the next version can bring more examples and details in design, but this has valuable information for me. For beginning this book can help in general, and is good for me.

This book has more information than most people will ever need. However being in the field, I can use this every day.

Trenchless Technology Piping is a well organized and comprehensive look at the subject. Lots of good photos and illustrations. Covers the pros and cons of various methods. Only gripe is the text is too small, I complain a lot about this as I get older!m3

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