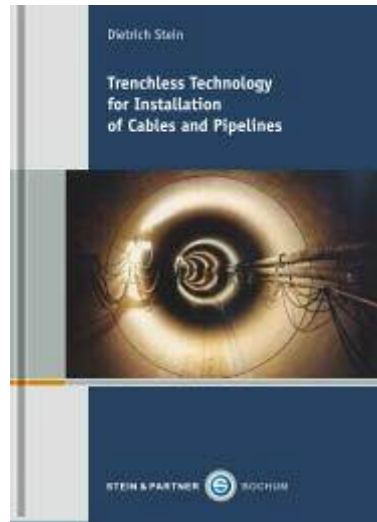


TRENCHLESS TECHNOLOGY FOR INSTALLATION OF CABLES AND PIPELINES



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CONTENTS

1. Line Networks
2. Variations of Line Installation
3. Explanations of Some Specific Basic Terminology
4. Geotechnical Fundamentals and Investigations
5. Unmanned, Non-Steerable Techniques
6. Unmanned, Steerable Techniques - Soil Displacement Techniques
7. Unmanned, Steerable Techniques - Pilot Pipe Jacking
8. Unmanned, Steerable Techniques - Microtunnelling
9. Manned Techniques - Pipe Jacking
10. Fluid Flushing and Flushing Fluid Technology
11. Jacking Steering, Measurement and Monitoring
12. Starting and Target Shafts
13. Pipe Materials and Joints
14. Calculation for Jacking Pipes
15. Soil Deformations

SYNOPSIS

The method of trenchless installation makes it possible today to install cables and pipes for a safe supply of water, gas, district heating and telecommunication and for ecological disposal of wastewater, irrespective of pipe diameter or the geological or hydro-geological limiting conditions.

The aim of this book is to provide those persons and companies involved with the planning and execution of the trenchless method of line installations with well founded and up-to date information.

In addition, the comprehensive and detailed discussions of the construction methods and all associated fields permit an optimal economical and technical choice of the techniques for a particular application to be made with reference to the numerous local and system-dependent limiting conditions.

First, the trenchless installation technology of natural gas pipeline is now in the stage of improvement and is developing in the direction of being "applicable to various soils, capable of large-diameter pipeline installation and capable of high speed construction". Second, the problems with China are mainly the absence of quality standard on pipeline rehabilitation or replacement evaluation and the shortage of experienced designers and constructors of trenchless rehabilitation and replacement. Third, the trenchless rehabilitation technology abroad is applicable to middle-low pressure pipelin... Takeaway: Installing gas lines using trenchless technology limits the environmental impact on palustrine wetlands, estuaries, rivers, lakes, gardens and forests and their respective wildlife. Ecological impact of pipeline installation and the installation methods, trenchless or otherwise, are inextricably linked. Environmentally sensitive areas such as palustrine wetlands, estuaries, rivers, lakes, gardens and forests are important features that need to be protected from human interference. Often, gas pipelines pass through such areas, and it has become necessary that contractors utilize trenchless technology. To help you out, Trenchless Technology contacted pipe associations and manufacturers of the eight pipes typically used in trenchless projects to showcase what their particular conduit offers. We have provided this valuable information several times in recent years, the last being in 2015. Some have changed in the five years, others have not but we are offering our valued readers an updated roundup of these pipe. Precast concrete pipe and boxes are delivered in precast units that are ready for installation. How Is It Joined: Precast concrete pipe and box units can be supplied with soil resistant, silt resistant, and leak resistant joints.