

Conference Update - *Special Edition*

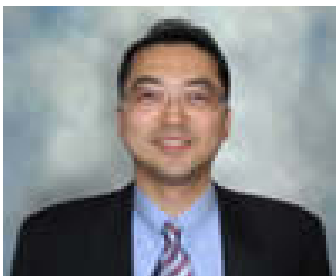


Dear Colleagues,

It is with great pleasure that we invite you to read the latest edition of "In The Pipeline", the enewsletter of the American Society of Civil Engineers - Pipeline Division. This issue of ITP has been prepared to provide information for the upcoming 2011 International Pipeline Division Conference. For more information go to the conference website: www.pipelinesconference.org.

We hope to see you in Seattle next month!

Your Conference Co Chairs,



James Chae, P.E., PMP, M.ASCE



Shahrzad Namini, P.E., PMP, M.ASCE

ASCE Pipelines 2011!

Early Bird Registration Deadline June 9th!!!

Preparations for the upcoming annual Pipeline Conference, **July 23 - 27, 2011**, in Seattle with the theme of "**A Sound Conduit for Sharing Solutions**," are being finalized. With a full slate of workshops, committee meetings, tours and networking events, this year's conference continues the Pipeline Division's commitment to excellence! ***See you in Seattle!***

The conference will begin on Saturday July 23rd with technical workshops and Pipeline Division Committee meetings. Track sessions will begin the morning of Monday, July 25, and run through to Wednesday, July 27. Conference organizers have developed the technical tracks to enhance the opportunities for attendees to hear and participate in discussions with industry leaders in timely topic areas of interest.

Pre Conference Workshops

Stay current in your specialty field or grow your career skills by participating in the following workshops:

- Sustainable Design of Buried Pipelines
- Penstocks (MOP 79)
- Microtunneling Constructability
- Managing Pipeline Project Risk

Technical Tour



Technical Tour: King County Brightwater Conveyance System

This is your chance for an upclose look at the installation of multiple piping systems inside a large diameter tunnel!

Join us on a site tour of a portion of the Brightwater Conveyance System and get a briefing on the Brightwater system, overview of the tunnel construction, and a detailed inspection of the construction.

Conference Dinner

A Special Evening at the Museum of Flight

Tuesday, July 26, 6:00 – 10:00 p.m.



Take part in our special evening event at the Museum of Flight. Start by exploring the museum that houses over 20 full-size aircraft suspended in the air above you, then continue on to experience flight without leaving the ground by participating in flight simulators including the F-18 Hornet and three classic WWII fighter jets, an experience that is sure to leave your spirit soaring!

*Dinner will be provided by **McCormick & Schmicks!***

Committee Updates & Meeting Schedules

National Committee meetings are an important part of each year's annual Pipeline Division Conference. The opportunity to meet and network with your fellow pipeline buddies face to face in a relaxed atmosphere provides an ideal venue to also catch up on the latest technology applications, projects of interest, local and national trends as they relate to committee activities.

The committee meetings are usually held during the Saturday and Sunday preceding the technical sessions. As of press date for the newsletter the final Conference Room locations and times have not been finalized. Please feel free to contact the Committee Chairs noted in the following section to get more info.

PipeLine Division (PLD) Committees

Do you have an interest in participating in important work to promote pipeline engineering? Do you know what resources are available to you as a pipeline engineer from PLD? ASCE Pipeline Division is an active organization that seeks to encourage professionalism and promote the importance of pipeline engineering. Satisfy that urge you've had to be a part of something important and make your mark on the industry! Contact the Chairs below to see how you can contribute and improve your network of pipe professionals! For additional information see PLD's new website: <http://www.pipelinedivision.org>

- [ASCE Pipeline Research Chair](#): [Mohammad Najafi najafi@uta.edu](#)
- [Pipeline Publications Chair](#): [Mohammad Najafi najafi@uta.edu](#)
- [Pipeline Infrastructure \(PINS\) Chair](#): [Dr. Mario Perez maperez3@mmm.com](#)
- [Pipeline Location and Installation \(PLI\) Chair](#): [K. Sri Rajah sri.rajah@hdrinc.com](#)
- [Pipeline Planning and Design Chair](#): [Sam Arnaout sam.arnaout@hanson.biz](#)
- [Pipeline Safety and Risk Management Chair](#): [Dr. Brian Mergelas Brian.Mergelas@ppic.com](#)
- [Trenchless Installation of Pipelines \(TIPS\) Chair](#): [Tennyson Muindi tmuindi@HaleyAldrich.com](#)
- [Underground Pipeline Asset Management \(UPAM\) Committee Chair](#): [Rick Nelson Rick.Nelson@CH2M.com](#)
Water Pipeline Chair: [George Ruchti GRuchti@american-usa.com](#)
Sewer Pipeline Chair: [Doug Jenkins Doug.Jenkins@CH2M.com](#)



2012 Bechtel Award Nominations Are Open!

Nominations for the Pipeline Division's most prestigious award, the Stephen D. Bechtel Pipeline Engineering Award are due to ASCE Headquarters [by November 1, 2011](#). Established by the American Society of Civil Engineers Board of Direction in 1970, to recognize

outstanding achievements in pipeline engineering. This award is made to an ASCE member who has made a defining contribution to the advancement of pipeline engineering, either in research, planning, design, or construction. The award will be presented at the Miami Pipelines 2012 Conference. For more information contact: Joe.Castronovo@aecom.com.

Other Conference Updates

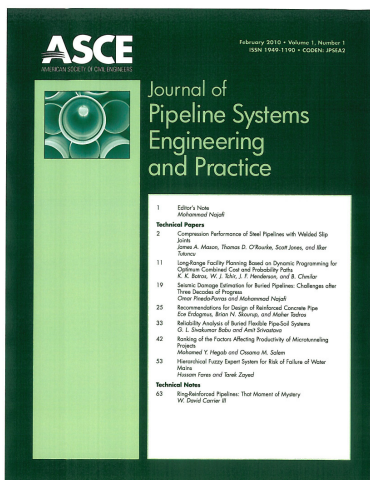
ASCE International Conference on Pipelines and Trenchless Technology



At present, China is the largest market for trenchless technology in the world with huge gas and oil transmission pipeline projects under construction. Municipal work includes 100,000 km of new construction and 300,000 km of rehabilitation work annually. There is a continuing increase of attention from related international organizations and companies on the pipeline and trenchless technology market in China.

The China-U.S. Joint Center for Trenchless R&D (CTRDR), American Society of Civil Engineers-Pipeline Division, Center for Underground Infrastructure Research & Education (CUIRE)-UTA, Geo-Technical Engineering Research Center, China Ministry of Education and China University of Geosciences (Beijing) co-sponsor the International Conference on Pipelines and Trenchless Technology 2011 (ICPTT 2011), which will be held on October 26 through 29, 2011 at China National Convention Center, Beijing. With the success of the ICPTT 2009, the organizers expect that ICPTT 2011 will draw more than 500 participants and more than 1000 visitors to this conference. For more info: www.icptt.org

Publication News & Updates



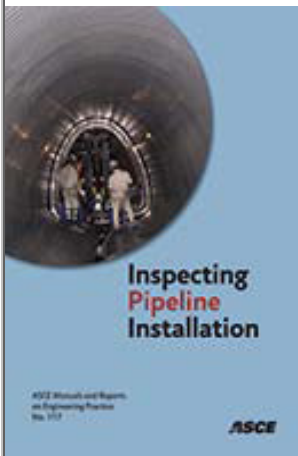
For more information or to suggest new topics for new publications, please contact chair of appropriate technical committee, listed at www.pipelinedivision.org

The *ASCE Journal of Pipeline Systems Engineering and Practice*, provides a dynamic forum for the dissemination of research papers as well as case studies and technical notes in all areas of pipeline engineering.

The *Journal of Pipeline Systems Engineering and Practice* provides an authoritative international forum for timely and in-depth exchange of ideas and integrated technical solutions, and supports the professional interests of a broad group of researchers and practitioners from academia, industry, and

government with new pipeline technologies, planning, engineering, design, construction (conventional and trenchless), renewal, safety, operation and maintenance, asset management, environmental aspects, and sustainability of pipeline systems.

Update your professional reference library with these ASCE Pipeline publications!



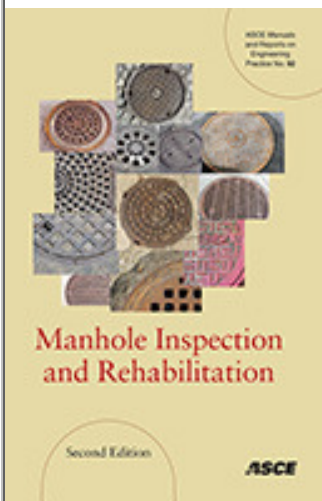
Inspecting Pipeline Installation

(ASCE Manual of Practice No. 117)

T. J. Hovland & Mohammad Najafi (Editors)

This manual describes successful construction methods and procedures for installing common types of pipes used to transport fluids. *Inspecting Pipeline Installation* focuses on the needs of field personnel, constructors, and inspectors. It assumes the pipeline design is complete, decisions on alternatives are resolved, and the designer's concepts are now ready for conversion to a real project. Pipeline

construction is complex and demanding and requires the services of skilled contractors and craftsmen. Construction quality control and assurance are strict job requirements. This manual has two main purposes. First, it provides an educational tool for readers with limited experience. Second, it consolidates a wealth of practical pipeline installation information into one volume.



Manhole Inspection and Rehabilitation

(ASCE Manual of Practice No. 92)

Joanne B Hughes (Editor)

Manhole structures are the principal means of access for collection system maintenance. Effective manhole inspection and rehabilitation are necessary to remove excessive manhole infiltration and inflow, improve manhole structural integrity, address public safety-related issues, and implement general system maintenance requirements.

The goal of this manual is to present a current and complete inspection and grading protocol that offers logical step-by-step guidance for maintaining and improving the health of these systems. This new edition of Manhole Inspection and Rehabilitation, Manual No. 92, presents

the primary components that allow agencies to accurately identify inventory, evaluate the condition of these structures, make informed decisions for rehabilitation materials, and include key quality control measures when specifying the use of rehabilitation materials. The topics examined in this updated edition include: 1) safety; 2) manhole inspection; 3) manhole rehabilitation methods; 4) cost-effectiveness analysis and rehabilitation method selection; and 5) construction inspection and quality control. This book will be valuable to all sewer system professionals.

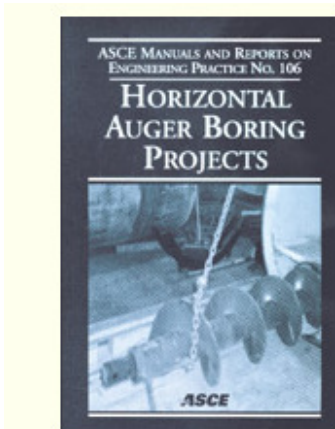


Pipe Ramming Projects

(ASCE Manuals and Reports on Engineering Practice No. 115)

Mohammed Najafi (Editor)

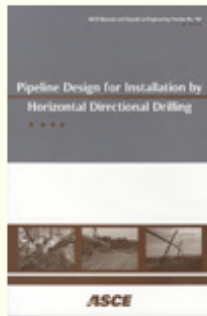
Pipe Ramming Projects presents the latest and best practices used by engineers and construction professionals for the design and construction of road and railroad crossings using pipe ramming technologies. The manual is divided into seven sections and is based upon the results of case studies, workshops, project reviews, technical papers, and other information contributed by industry experts. Providing both introductory and advanced design and construction information to support the safe, cost-effective, and efficient application of the pipe ramming method, this manual will be valuable to both new and experienced engineers, as well as utility owners, contractors, and other industry professionals.



Horizontal Auger Boring Projects

(ASCE Manuals and Reports on Engineering Practice No. 106)

Horizontal auger boring methods are among the most cost-effective and versatile techniques for installing steel casing pipe under roads and highways. This comprehensive manual covers the horizontal auger boring method, providing the instructions for a safe, productive, and efficient installation of pipelines for road crossings. New and experienced engineers, utility contractors, and other professionals working in pipeline construction will find this manual useful by providing introductory and advanced topics for safe, cost-effective, and productive design and construction of horizontal auger boring projects.



Pipeline Design for Installation by Horizontal Directional Drilling

(ASCE Manuals and Reports on Engineering Practice No. 108)

Pipeline Design for Installation by Horizontal Directional Drilling addresses the design of major pipeline or duct segments to be installed by horizontal directional drilling (HDD). This Manual of Practice, which covers topics specifically related to HDD installation, was prepared by a committee of senior engineers who are leaders in the development of HDD techniques and practices. HDD is a trenchless excavation method that is accomplished in three phases and uses a specialized horizontal drilling rig with ancillary tools and equipment. This Manual is meant to be a guide for design engineers with previous experience and knowledge of the HDD installation process and pipeline design methods.

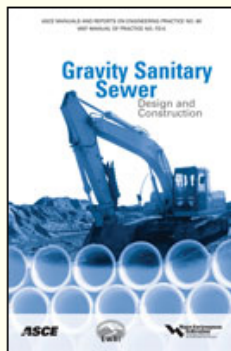


Pipe Bursting Projects

(ASCE Manuals and Reports on Engineering Practice No. 112)

Mohammad Najafi

Pipe bursting is a well-established method used for trenchless replacement of existing pipe with new pipe of equal or greater diameter. *Pipe Bursting Projects* (ASCE Manuals and Reports on Engineering Practice No. 112) provides the best and latest practices for the design and construction of pipelines using pipe bursting methods, with a special focus on building pipelines under roads, railroads, and streets. This new manual will be useful for new and experienced engineers as it covers both introductory and advanced topics, including history, recent innovations, documentation, typical applications, and terminology from the planning through construction phases. Utility owners, contractors, and any other professionals involved in pipeline construction will also benefit. *Pipe Bursting Projects* was prepared by the Pipe Bursting Task Force of the ASCE Committee on Trenchless Installation of Pipelines (TIPS), under supervision of the Pipeline Division.



Gravity Sanitary Sewer Design and Construction, Second Edition

(ASCE Manuals and Reports on Engineering Practice No. 60)

Paul Bizier (Editor)

Prepared by a Joint Task Force of the American Society of Civil Engineers (ASCE) and the Water Environment Federation (WEF), *Gravity Sanitary Sewer Design and Construction, Second Edition* (ASCE Manuals and Reports on Engineering Practice No. 60 / WEF Manual of Practice No. FD-5) provides theoretical and practical guidelines for the design and construction of gravity sanitary sewers. *Gravity Sanitary Sewer Design and Construction, Second Edition* covers the administrative and organizational phases of sanitary sewer projects, as well as the parameters necessary to establish the design criteria, complete the design, and award a construction contract. The Manual offers an in-depth discussion of commonly used trenchless and conventional methods of sanitary sewer construction. With its liberal use of charts, illustrations, and case studies, this practical manual is an indispensable resource for engineers in the field of sanitary sewer structural and hydraulic design.

© 2011 American Society of Civil Engineers

[In The Pipeline](#) is published and distributed electronically to members of ASCE with an interest in Pipeline Engineering. The newsletter's intent is to provide members with current information and the status of on-going events, programs and news of general interest. You can submit any information for consideration to include in an upcoming issue to [Terry Moy](mailto:tmoy@ccwa.us) at tmoy@ccwa.us.

If you do not wish to receive this email, please contact ASCE at 1-800-548-2723.