

Executive Committee Update



Greetings from your ExCom Chair,

Let me begin the year as Chair of the Pipeline Division by first thanking Past Chair Ahmad Habibian for his excellent leadership as chair over the last year. He has led us through some very interesting discussions as to our vision when we looked into becoming an Institute and chose to remain a Division of ASCE's Technical Advisory Committee (TAC). We had an extremely successful Boston 2007 Conference this July led by John Struzziery and Tim Stinson. The Division's membership is engaged and we continue to be the premier producer within ASCE of *Manual of Practices* and other publications in our stated goal to "publish and disseminate information to the pipeline engineering community". These are only a couple of the last year's accomplishments and focuses. It was just an outstanding year of accomplishments.

We have much to look forward to in the upcoming year. Our Technical Committees are working hard through their Task Committees to complete publications in progress and are developing new products for our profession. We anticipate publishing *Manual of Practices for Pipeline Installation and Inspection* and *Buried Flexible Steel Pipe Load Stability and Design*. Ten other Manuals and Committee Reports are being developed by our volunteer membership through various Technical Committees. You will be able to find the full list of publications in progress and the contact should you wish to volunteer and contribute. It is only through you, the Division's membership's passion, technical expertise, and character can we thrive as an organization, as well as truly serve the public that relies on us for the best of service, products, and results.

The Atlanta 2008 Conference is coming up in July and it promises to be another good one. We will meet at the new Omni Hotel at the CNN Center in downtown Atlanta. The technical program promises to be stellar, as well as our planned well regarded networking opportunities.

Division planning for future years' conferences is well underway. The San Diego 2009 Conference will be at the Sheraton on San Diego Bay and followed by a Denver 2010 Conference. We are also considering proposals for a potential Bellevue/Seattle 2011

Conference. As you can see, our desire is to have conferences in all sections of the country for increased availability to all our membership.

The Division continues to explore opportunities participation with the other ASCE Technical Activities Divisions and Councils, as well as other organizations. One venture we are actively pursuing is a partnership with the American Society of Mechanical Engineers a partnership to publish a joint Pipeline Division/ASME Journal to better serve both our organizations. We are only in the planning stages and progress is positive. If interested, please contact EXCOM Vice Chair, Mohammad Najafi (najafi@uta.edu) who is leading this endeavor.

Finally, let me close by saying we each have a choice of where to invest our time and I greatly appreciate your, our membership's, commitment to the Division in the exchange of technical information and advancing the practice of pipeline engineering. I look forward to the challenge of being your chair and my hope is to serve you well over the next year.

Sincerely,

Michael T. Stift, P.E.

Pipeline Division Executive Committee Chair

Director of Engineering

San Diego County Water Authority

Conference News



The Pipeline Division Conference Scheduled for Atlanta in July 22 - 25, 2008.

Atlanta, Georgia, the Crown Jewel of the Southeast United States, is also a Renaissance City having had to rebuild from the ashes and the destruction resulting from the American Civil War. More recently, the city has been forced to repair, rehabilitate and replace deteriorated and undersized portions of its drinking water and wastewater infrastructure. This work was necessary due to decades of neglect, under-funded maintenance and a fear of publicly

acknowledging the financial requirements. The very infrastructure that made possible the tremendous growth experienced by this beautiful Southern City was approaching or surpassing its' useful life. Still there was no plan to inventory the pipeline assets, assess their condition, nor was there a plan on how to fund the asset replacement. Atlanta's situation was typical of most cities until 2002, when Shirley Franklin, first time candidate for elected office, was inaugurated as the 58th Mayor of the City of Atlanta. Mayor Franklin chanced political self-destruction when she implemented progressive change and committed to leading the City of Atlanta to be the best-in-class in environmental stewardship.

As Chairmen of the **ASCE - International Pipelines Conference 2008**, we found inspiration from this great city and from Mayor Franklin's focus on being the best. As a result, we chose the conference theme, ***Pipeline Asset Management: Maximizing the Performance of Our Pipeline Infrastructure***, the essence of what this Renaissance City has embraced.

We would like to take this opportunity to invite you to attend the **International Pipelines Conference 2008** in Atlanta, Georgia, July 22nd through the 25th. This year's conference has a different chronological format. It begins on Tuesday and runs through Friday. This change allows attendees to bring their families and share in the enjoyment offered by such attractions as the Georgia Aquarium, Stone Mountain, Six Flags over Georgia, White Water and a potpourri of other activities that also make Atlanta a "Peach" of a City.

We begin on Tuesday, July 22, with four (5) full-day and four (4) half-day workshops, each of which is focused on the conference theme and issues that impact the performance of our pipeline infrastructure. The workshops have been selected from numerous proposals based on a selection process that evaluated the applicability of the workshop to the Conference theme, the coordinating organization and the reputation and credentials of the presenters. Workshop titles include the following:

Half-Day Workshop – Group A: Maximizing the Performance of Steel Pipe Assets; Pipeline Risk Management

Half-Day Workshops – Group B: Maximizing the Performance of Concrete Pressure Pipe Assets; Water- Pipeline Condition Assessment

Full-Day Workshops: Maximizing the Performance of Iron Pipeline Assets; Pipeline Asset Management Practices; Sewer – Pipeline Condition Assessment; Locating and Depicting Underground utilities; and Trenchless Technology Applications for Urban Gas & Water Mains Rehabilitation.

The combination of the venue and the conference theme was most certainly the inspiration that motivated over 200 authors, from **11** different countries, to submit abstracts for consideration by Technical Program Chairmen, Dr. Sanjiv Gokhale and Shah Rahman. In response to the interest, the Technical Program Committee has increased the number of tracks over previous years.

The official start of the Conference begins with the Plenary Breakfast on Wednesday, July 23, followed by the formal opening of the Exhibit Hall. This year's conference exhibition is expected to feature nearly 60 exhibitors, including many of our conference sponsors. There are still numerous sponsorship opportunities available. Please sponsor the ASCE Pipeline Division by contacting Kyle Couture, Sponsorship Co-Chair.

The first full day of the Conference will conclude with a special reception in the exhibition hall,

where we will host attendees from a joint conference of the National League of Cities - National Conference of Black Mayors (NCBM) and the National Black Caucus of Local Elected Officials (NBC-LEO). These two groups offer our division a special opportunity to share philosophies as well as the technologies associated with asset management and the ability to maximize the performance of their buried infrastructure. NCBM and NBC-LEO represent a significant voter base; a majority of whom may be starved for information related to the urgent need to assess their infrastructure to insure the delivery of essential water and wastewater services.

On Thursday, the Exhibit Hall is scheduled to open at 7:30 a.m. with an exclusive 30 minute session prior to the start of the first full day of the Technical Program. It is during this time when attendees can consult with our expert exhibitors, who can assist attendees in maximizing their performance and knowledge base about the very infrastructure that they own, design, construct, or maintain. Check out the cutting edge technologies that test, assess, analyze, repair, rehabilitate, reline and replace.

We continue with the Awards Luncheon that will recognize the achievements of two (2) distinguished members of our association as we present the ASCE Award of Excellence and the highly coveted Stephen D. Bechtel Pipeline Engineering Award. Another highlight of the Awards Luncheon will be Dr. Dale Henry, who will present "***Sailing the Winds of Change on the Seven C's***". Dr. Dale believes in the importance of laughter and always delivers a strong message packed with useful tools. A native of East Tennessee and the foothills of the Smoky Mountains, he draws heavily on his storytelling background and will definitely hold attendees in the palm of his hand.

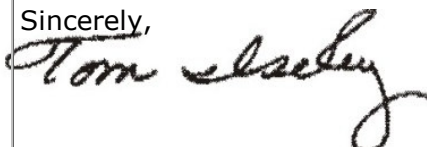
Attendees, especially those who are fans of professional baseball, will enjoy an evening at Atlanta's Turner Field, home to the National League Atlanta Braves. The Braves are out of town but we will have the best seats in the house, The 755 Club. This venue, located behind Center field, will be transformed into a Las Vegas Style Casino, where those who enjoy games of chance can have some fun with Special ASCE Funny Fake Money. You can opt to simply relax, reflect, and absorb the experiences of the day, step out onto the balcony that overlooks the playing surface of Turner Field or escape into the melody of tunes provided by very talented local Atlanta musicians.

There are optional technical tours scheduled for Friday that will provide access to several substantial assets of the City of Atlanta and also those of the Clayton County Water Authority.

From the start of the conference on Tuesday, July 22nd through to the technical sessions and facility tours on Friday, July 25th, the **Pipelines 2008** Steering Committee has put together an awesome program that we hope will maximize the learning opportunities for each attendee. As Conference Chairpersons, we would like to thank each Steering Committee member for their time, diligence and hard work.

Finally, we would like to thank you for your interest in the **International Pipelines Conference 2008** and look forward to seeing you and your family in Atlanta, GA, July 22 - 25, 2008.

Sincerely,



Tom Iseley, PhD, P.E.

Ralph Carpenter

Purdue University - Indianapolis

American Cast Iron Pipe Company

799 West Michigan Street (ET-209P)

1501 31st Avenue North

Indianapolis, Indiana 46202-5160 Birmingham, Alabama 35207

(404) 386-5667

(205) 325-1965

Committee Meeting Information

The Pipeline Division Executive and Technical Committees will meet at the Atlanta Conference. Members and conference attendees are invited to attend various committee meetings. The Pipeline Division is comprised of **eight technical committees**, each of which focuses on specific aspects of pipeline issues. Meeting dates and times will be available at the Conference website shortly before the conference and also will be available at registration. Technical committee meetings are scheduled to be held Saturday July 29 and Sunday July 30. **New members** are welcome to attend and participate in committee activities.

Technical Committee contacts and publications in progress:

1. **Pipeline Location and Installation Technical Committee - PLI** (Sri Rajah, Chair sri.rajah@hdrinc.com [<mailto:sri.rajah@hdrinc.com>](mailto:sri.rajah@hdrinc.com))
 - Pipeline Installation and Inspection Committee Report
 - Manual of Practice - Design Guidelines for Buried Flexible Steel Pipe and Load Stability and Design
2. **Safety & Risk Management Technical Committee - PSRM** (Paul Passaro, Chair ppassaro@psands.com [<mailto:ppassaro@psands.com>](mailto:ppassaro@psands.com))
 - Manual of Practice - Pipeline Risk Management
3. **Underground Pipeline Asset Management Technical Committee - UPAM** (Tom Iseley, Chair dtiseley@iupui.edu [<mailto:dtiseley@iupui.edu>](mailto:dtiseley@iupui.edu))
 - Manual of Practice - Sewer Pipeline Assessment
 - Manual of Practice - Water Pipeline Assessment Guidelines
 - Manual of Practice -Data Management Protocols
4. Planning and Design Technical Committee - PPD (Sam Arnaout, Chair sam.arnaout@hanson.biz [<mailto:sam.arnaout@hanson.biz>](mailto:sam.arnaout@hanson.biz))

- Update Manual of Practice 79 - Steel Penstock Design
- 5. **Pipeline Infrastructure Technical Committee - PINS** (Larry Catalano, Chair lcatalan@auroragov.org <<mailto:lcatalan@auroragov.org>>)
 - Manual of Practice - Assessment of Rehabilitated Systems, Successes and Failures
 - Manual of Practice - Rehabilitation Technologies for Storm Sewer and Culverts
 - Update Manual of Practice 37 -Design and Construction of Sanitary and Storm Sewers
 - Update Manual of Practice 92 - Manhole Rehabilitation
- 6. **Trenchless Installation of Pipelines - PINS** (Henry Nodarse, Chair hnodarse@blainc.com <<mailto:hnodarse@blainc.com>>)
 - Manual of Practice - Preparation of Contract Drawings and Specifications for Trenchless Technology Projects
- 7. **Pipeline Research Technical Committee - PLR** (Steve Kramer, Chair steven.kramer@jacobs.com <<mailto:steven.kramer@jacobs.com>>)

No-Dig Conference

The **North American Society for Trenchless Technology** will be holding their annual **No-Dig Show** at the **Gaylord Texan Resort and Convention Center in Grapevine, Texas from April 27 through May 2, 2008**. The show will present over 100 exhibitors and one hundred peer-reviewed technical papers. In conjunction with **Louisiana Tech University**, Continuing Education Units and Professional Development Hours will be offered for attendance at the technical papers and pre-and post-conference seminars.

Conference information and registration information can be obtained at www.nastt.org/nodig.html.

Recent & New Publications

ASCE publishes high quality, authoritative books that represent the best thinking in civil engineering research and practice. Prior to publication each title is exhaustively peer-reviewed by groups of subject matter experts. The list includes more than 1,500 Standards, Manuals of Practice, Committee Reports, Proceedings, and ASCE Press titles.

The Pipeline Division Technical Committees are responsible for preparing and updating technical guidance on a wide variety of pipeline related topics. ASCE Manual of Practice publications are widely viewed as the standards for technical guidance. Keep abreast of current technologies, design practices and support your Pipeline Division by obtaining the latest editions of these publications. Additional information on available publications can be

found at: www.asce.org/bookstore.



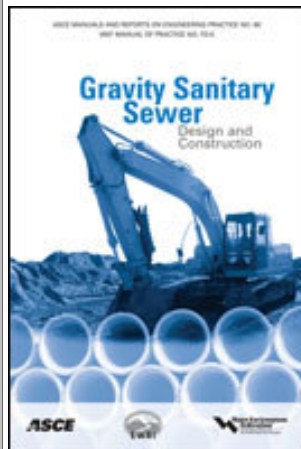
Pipe Bursting Projects

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

Mohammad Najafi

Pipe bursting is a well-established method widely 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 (ASCE Manual and Report 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 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.

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[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 status of on-going events, programs and news of general interest. Anyone who has any information they would like to include in an upcoming issue should submit the data to [Terry Moy](#).

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