

# *Pipelines* 2009



## Infrastructure's Hidden Assets

Edited by

John J. Galleher, Jr. and Michael K. Kenny

**ASCE**

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# PIPELINES 2009

## *INFRASTRUCTURE'S HIDDEN ASSETS*

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PROCEEDINGS OF  
THE 2009 PIPELINE DIVISION SPECIALTY CONGRESS

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August 15–19, 2009  
San Diego, California

SPONSORED BY  
The Pipeline Division of the American Society of Civil Engineers

ASCE Pipeline Location and Installation Committee

EDITED BY  
John J. Galleher, Jr.  
Michael K. Kenny

**ASCE** *American Society  
of Civil Engineers*

1801 ALEXANDER BELL DRIVE  
RESTON, VIRGINIA 20191–4400

# Foreword

The world wide market and demand for infrastructure materials and other economic events in recent times has forced agencies, engineers, manufacturers, contractors, and operators to evaluate the management, safety, operation, and maintenance issues in designing, constructing, maintaining, and operating water, wastewater, gas, and other pipeline infrastructure. All interested parties associated with pipelines are considering “Doing More With Less” and managing their “Hidden Assets”.

To assist with this, ASCE Pipeline Division’s International Conference was held August 15 through 19, 2009 in San Diego, California. “Infrastructure’s Hidden Assets” – the conference theme, is a comment on sustainable infrastructure with special attention being paid to managing existing assets and focusing on advances in pipeline rehabilitation, risk management, safety, and pipeline engineering and construction. It is crucial that ASCE remain at the leading edge in ensuring the public’s safety and confidence that the pipeline infrastructure is reliable, cost effective and secure so we can maintain our way of life moving forward with confidence into the future.

Putting together a conference that addresses all these areas is a huge undertaking that requires the cooperation of many individuals. We had the honor to work with a dedicated group of individuals, enthusiastic exhibitors, and extremely generous sponsors. The Conference Steering Committee and ASCE’s Pipeline Location and Installation Committee were invaluable in organizing an excellent technical program as testament in these Proceedings. Particular thanks go to all our sponsors of the technical program, social events, and entertainment. On behalf of each of these individuals, exhibitors, and companies that were our sponsors, we trust you will enjoy the conference.

Finally, the intent of this conference was to provide a forum to discuss the development, applications, and advantages and limitations as we move forward in our profession. Our hope is that this conference provided each attendee with the professional opportunity to explore their own vision of change and challenges their own expectations and beliefs.

John J. Galleher Jr.  
Michael K. Kenny

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