

Maximizing the Performance of Concrete Pressure Pipeline Assets

July 22, 2008 ♦ Omni Hotel, CNN Center ♦ Atlanta, GA

Time	Topic	Presenter	Overview
1:00 - 1:15	Introduction to Concrete Pressure Pipe	Rick Deremiah, PE <i>Hanson Pressure Pipe Dayton, OH</i>	This presentation will provide a look at the variety of concrete pressure pipe commercially available within North America – C300, C301 (2 types) and C303. Basic components, typical cross sections and manufacturing processes will be reviewed.
1:15 - 1:45	Methods for Assessing the Structural Condition of Concrete Pressure Pipe	Wayne Brunzell, PE <i>Brunzell Associates Skokie, IL</i>	This presentation will provide an overview of various methods for assessing the condition of concrete pressure pipe, including desk-top analysis of design vs. service & environmental conditions, visual & auditory inspection and state-of-the-art RFEC/TC technology.
1:45 - 2:15	Risk Analysis & Repair Prioritization	Mehdi S. Zarghamee, PhD <i>Simpson Gumpertz & Heger Waltham, MA</i>	This presentation will review the reliability of various assessment methods in detecting distressed pipe. Failure risk determinations – using risk curve technology – and repair prioritization will also be addressed.
2:15 - 2:45	Corrosion & Cathodic Protection	Jose L. Villalobos, PE <i>V&A Consulting Engineers Oakland, CA</i>	This presentation will provide an overview of corrosion mechanisms that impact concrete pipe in various environments. Corrosion control alternatives available to designers and owners will be reviewed, including cathodic protection.
2:45 - 3:00pm		Afternoon Break	
3:00 - 3:40	Lessons Learned in Operating a Concrete Pressure Pipeline	Chris Wingert, PE <i>Colorado River Municipal Water District</i>	This presentation will discuss lessons learned by the Colorado River Municipal Water District through 55 years of concrete pressure pipeline operations. Topics include installation issues, life cycles, corrosion monitoring and operational considerations from an owner's point of view.
3:40 - 4:20	Condition Assessment, Evaluation & Rehabilitation	TBD <i>Greater Cincinnati Water Works</i>	This presentation will provide a first-hand account of GCWW's experience with concrete pressure pipe, including condition assessment, evaluation and rehabilitation.
4:20 - 5:00	Panel Discussion: Improvements in Concrete Pressure Pipe	Wayne Brunzell Mehdi Zarghamee Jose Villalobos Chris Wingert David Marshall	Panelists will discuss improvements in the design, manufacture, installation and operation of concrete pressure pipelines within the past 25 years. Panelists will also address questions from workshop attendees.
5:00pm		Closing Remarks	