

# **TRACK I-C=Sewer Construction/Rehabilitation**

## **SPEAKERS**

### **8:30-8:55 Interceptor Design in Alluvial Floodplain**

**Greg Vaughn, P.E., Senior Associate/Team Leader, Lockwood, Andrews & Newnam, Inc.**



At LAN, Greg manages water and wastewater infrastructure and facility projects for North Texas municipalities. He has more than 30 years of experience with project development, design, project management, and construction management. His background includes design, rehabilitation, and relocation of more than 1.8 million LF of pipelines and more than 50 pump stations and water/wastewater facilities.

He has Bachelor's and Master's from Missouri S&T.

### **Kelly Davis, P.E., Assistant Manager-Engineering Services, Trinity River Authority of Texas**



Kelly has been with the Trinity River Authority of Texas (TRA) since January 2015.

Currently, she is assistant manager of Engineering Services in the Planning, Design, and Construction Administration department, leading the Pipeline Group.

She worked as a consulting engineer for 12 years prior to joining the Authority and received her Bachelor's from The University of Texas at Arlington in Civil Engineering.

### **9-9:25 City of Hurst Replaces Critical Sewer Interceptor via Minimally Invasive Pipe Bursting**

**Shawn Garcia, P.E., Regional Manager, Underground Solutions/Aegion**



Shawn currently manages and oversees all business development, operations, and activities in Underground Solutions' North Texas/Oklahoma Region.

He has over 19 years of engineering development, design, and construction experience in the municipal water/wastewater utility infrastructure rehabilitation and new construction industry.

Previously, he worked for Archer Western Construction and the City of Wichita Falls and received a Bachelor's in Engineering from Texas Tech University.

### **Greg Dickens, P.E., Executive Director of Public Works, City of Hurst**



Greg has worked for four municipalities and three engineering consulting firms in the Tarrant County area during his 47-year career.

His experience includes design, construction, operation, and maintenance of wastewater systems.

His presentation is concerning one of the recent wastewater rehab projects that Hurst successfully completed on a segment of a major outfall line.

### **9:30-9:55 CIPP Curing Monitoring System: Improving Installation Quality, Verifying Completeness**

**Mike Hoffmaster, Business Development Manager-Products Division, Vortex Companies**



During more than 34 years in the construction industry, Mike has served in a variety of positions including project engineer, production, sales, and new product development.

In 2010, he assumed dual roles as director of Business Development for a DC-area construction company and marketing manager for the first USA-based UV lining and equipment manufacturer.

Mike joined Vortex Companies in early 2021, lending technical support on both VeriCure and UV lining products.

### **10-10:25 Diversify your Lateral & Mainline Rehabilitation Program**

**Jerry Botts, President, InnerCure Technologies**



Jerry is an infrastructure rehabilitation pioneer and veteran in the development of specialized pipelining techniques, equipment and materials. He holds multiple patents in the field of pipeline infrastructure renewal.

He served as president of NASSCO in 1999-2000 and has been a trenchless technology advisor for several industry organizations.

### **10:30-10:55 Inexpensive I&I Reduction Verification for Small Systems**

**George Kurz, P.E., Researcher & Consulting Engineer, Sewer Capacity Management**



George has 45 years of experience in state and local government, sewer service contracting, and consulting engineering. For most of that time he has worked on detecting, measuring, and stopping I&I in municipal sewer systems.

He conducted an independent investigation to calculate I&I in each of the 523 sewer systems in Tennessee and North Carolina. He also developed standard, non-proprietary methods for measuring the effectiveness of rehabilitation using flow monitoring.

### **Robert O'Dette, P.E., WEF Fellow, Tennessee Division of Water Resources**



Robert has more than 50 years of experience in wastewater treatment, residuals management, and collection systems analyses, with more than 35 years as a regulator.

He has presented over 100 technical papers on five continents and has overseen and authored Tennessee State Design Criteria chapters relative to collections systems, flow monitoring and rehabilitation.

### **11-11:25 Growth by the Numbers: Projected Sewershed Growth**

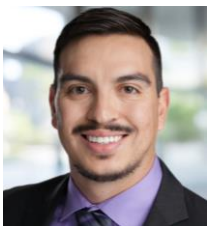
**Delany MacDonald, EIT, Project Engineer, CP&Y Inc.**



Delany started her career as an intern, mainly focused on water and wastewater design. She worked as project engineer for sewer rehabilitation projects, where the condition was assessed, and rehabilitation/replacement options were examined. Along with the assessment, construction methods, bypass options, and most cost-efficient solution for the client was thoroughly reviewed.

She continues to work on many sewer rehabilitation projects, some on a larger scope of the whole sewer system.

### **Javier Esquivel, P.E., Project Manager, CP&Y Inc.**



Javier attended Texas A&M University and graduated in December 2014 with a Bachelors in Biological and Agricultural engineering. He began working with CP&Y in February 2015 and obtained his P.E License in August 2019.

He has specialized in wastewater pipeline design and Consent Decree related work over the past 6 years and has worked in all major cities across Texas.