

# UIC 2026 PRIMARY EDUCATIONAL PROGRAM

Jan. 15, 2025

*Please note: Program schedule is subject to change*

**TUESDAY, JAN. 27**

Track # / Room	Track I / 214B <i>Sewer</i>	Track II / 214A <i>Spray Liners</i>	Track III / 213B <i>Water</i>	Track IV / 213A <i>Asset Management</i>	Track V / 212A <i>DPS /Utilities</i>	Track VI / 212B <i>HDD</i>					
8 – 8:25	Accuracy & Precision for Predicting I/I and Rainfall-Dependent I/I	36" x 260' SIPP Repair with Elbows, Verticals, Through Walls and Erosion Corrosion with Limited Equipment Access	And I Thought This was Just a 48" Water Line Project.	Mitigating Risk Through Condition Assessment: L-301 PCCP1	Confined Space Safety Course	HDDA: Accomplishments, Goals & Training for the HDD Industry					
8:30 – 8:55	How We Lined, Tapped, and Tunneled to Victory: Dallas North Trunk Phase 2 Wastewater Interceptor	Rehabilitation of Large-Diameter Pressure Water Main Using Third- Generation Polymeric Lining	Tailored Tunneling Solutions: Adapting to Geotechnical & Environmental Risks			Understanding Various Tracking Systems					
9 – 9:25	Quitman 78" Sanitary Sewer Emergency Repair	Three-Edge Bearing Test of Polymeric Lined Reinforced Concrete Pipes	The Butterfly Effect: Adding 66" BFVs Increases City Water Supply Resiliency	Hidden Leaks: External Methods Struggle to Confirm Leaks Identified by Inline Inspection	Designing a Complete Damage Prevention System: A Data-Driven Approach	Utility Locates: How is the Industry Adapting?					
9:30 – 9:55	Concrete Manhole & Wastewater Infrastructure Rehabilitation: Keys to a Successful Project	Enriching SIPP for Structural Applications through Carbon-Fiber and Foam Padding	Preparation of a Cost Guide for Trenchless Pipeline Renewal & Replacement Methods	Mapped, Measured, Verified: Cobb County's Deep Dive into 9,700' Force Main							
10 – 10:25		Two 24" x 25' Vertical SIPP Repairs on Water Pump Cans	Crossing Paths: Minor Problem for a Large Tunnel	Performance-Based Asset Management for Underground Utilities	Safety Saves YOU Money!	Texas City Saves Time & Money with HDD: A DIY Approach					
10:30 – 10:55	Corrosion to Rehabilitation: Results of Coating Inspection of Brownsville PUB SWWTP			Leveraging Smart Pigging Technologies as Cost-Effective Method to Clean & Evaluate Pressurized Pipe Integrity							
11 – 11:25	KEYNOTE				Underground Facility Damage Prevention & Safety	Communicating With Your Maxi Rig System					
11:30 - 12						World-Record HDD under Deepest Water Harbor on East Coast					
12 - 5 pm	<p>12-1:30 p.m. The Awards MVP + UI Honors luncheon <span style="color: red;">ticketed event, Room 214C/D</span></p> <p style="text-align: center;"><b>EXHIBIT HALL</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><b>CENTER STAGE</b></p> <p>2-3 p.m. HDD: Small Rig Contractors Roundtable 3-4 p.m. HDD: Big Rig Contractors Roundtable</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;"><b>TECHNICAL THEATERS</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CONSTRUCTION MANAGEMENT 1:30-2:00 HCSS</td> <td style="width: 33%;">ASSET MANAFEMENT 1:30-2:00 Bad Elf</td> <td style="width: 33%;">REHABILITATION 2:00 -2:30 Vortex</td> </tr> </table> </td> </tr> </table>						<p style="text-align: center;"><b>CENTER STAGE</b></p> <p>2-3 p.m. HDD: Small Rig Contractors Roundtable 3-4 p.m. HDD: Big Rig Contractors Roundtable</p>	<p style="text-align: center;"><b>TECHNICAL THEATERS</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CONSTRUCTION MANAGEMENT 1:30-2:00 HCSS</td> <td style="width: 33%;">ASSET MANAFEMENT 1:30-2:00 Bad Elf</td> <td style="width: 33%;">REHABILITATION 2:00 -2:30 Vortex</td> </tr> </table>	CONSTRUCTION MANAGEMENT 1:30-2:00 HCSS	ASSET MANAFEMENT 1:30-2:00 Bad Elf	REHABILITATION 2:00 -2:30 Vortex
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# WEDNESDAY, JAN. 28

Track # / Room	Track VII / 214B <i>Sewer/Water</i>	Track VIII / 213B <i>Sewer/Storm</i>	Track IX / 214A <i>Microtunneling/Tunnels</i>	Track X / 213A <i>Asset Management/AI</i>	Track XI / 212AI <i>Emerging Technology</i>	Track XII / 212B <i>HDD</i>
8 – 8:25	Overcoming Design & Construction Challenges in Deep Underground Infrastructure		Tri City Outfall: 2,370 LF Microtunneling with 90" Flowcrete and 2,400LF Opencut with 90" FRPM	AI-Powered Rapid Manhole Inspection: Combining 360° Scanning with Large Language Models for Automated Asset Assessment	Close Tolerance Pipe Slurrification: Proven Solution for Asbestos Cement Pipe Rehabilitation in Sunrise, FL	Crossing the Corpus Christi Ship Channel
8:30 – 8:55	Engineering Ethics	Smart Sensor Development: Innovative Strategy for Proactive Trenchless Technology Implementation	Williamson Creek, McNeil & Davis, Oh My! Austin Water Embraces Tunneling for Large-Diameter Utilities	Evaluation & Deployment of Innovative Free Swimming Condition Assessment Device	EasyDig Trench Cages: Innovative, Compact Excavation Safety	Introducing the National Drilling Mud Disposal Database
9 – 9:25		City of Houston-Briar Hill: Trenchless Sewer Rebuild	Coordinated Microtunneling in Houston: 25,000' Gravity Sewer	Transforming Sewer Asset Management with AI: A Case Study	Preserving Mid-Century Water Infrastructure: CFRP Upgrade of 1949 Cast Iron Pipe Beneath Cedar Springs Road Culvert	Requiring Basic Qualifications for HDD Jobs
9:30 – 9:55	Hidden Cost of the Manhole: Rethinking Sewer Access for the 21st Century	Large-Diameter Corrugated Metal Pipe Storm Sewer Rehab	Best Route Between Manholes Is Not Always a Straight Line: Curved Microtunneling for Deep Interceptors	Why the Indiana State Legislature Authorized a State-Wide Water Asset Management Center	Locating Buried Pipelines & Utility Lines in Navigable Waterways: Challenges, Solutions	Construction Risk: It's Complicated
10 – 10:25	Leveraging Time & Cost Savings of Trenchless Projects through Cooperative Purchasing	How Sanitation Became the Cornerstone of Ancient Civilization	Microtunneling Methods as Alternative & Complement to HDD	From Full Replacement to Targeted Rehab: How Acquaint's Tech Transformed a Force Main Plant	Next-Generation Pipeline Intelligence: Digital Twin Delivery for City of Houston 132" Sanitary Trunkline	
10:30 – 10:55	Environmental Performance Evaluation of Low-Volatile Organic Compound (Low-VOC) Liners in CIPP Technology			Pinpointing the Problem: Mansfield's Phase 2 Approach to Targeted I/I Reduction		
11 – 11:25	Optimized Manhole Replacement	Innovative Solutions in Rehabilitation & Construction: Extending Asset Lifespans in the Region of Peel		Lessons Learned through the Switz City, IN, AMP		HDD Pilot Design Basics from a Driller's Perspective
11:30 - 12	Epoxy Rehabilitation & Protective Coatings of Lift Stations	Value Proposition for Rehabilitating versus Replacing Pipelines		Pump Station Pipeline Inspections Using Rope Access		Drilling Mud on the Rocks: Mud Engineers on Alaskan Project
1-5 p.m.	<b>EXHIBIT HALL</b> <b>CENTER STAGE</b> 1-2 p.m. Coming to Grips with Consent Decrees  2:00 - 3:00 p.m. Utility Safety Panel: What You Need to Know in Dealing With Work Demands, Logistics  3:00-4:30 p.m. HDD Hall of Fame Interactive Conversations					
5:15-7 p.m.	HDD Hall of Fame/Reunion <i>ticketed event – Room 214C/D</i>					