

# Trenchless Elevated

RMNASTT 11th Annual Conference  
 North American Society for Trenchless Technology  
 Wednesday, October 27, 2021  
 PPA Center - Denver, CO



Conference Events Schedule			Time
Registration and Breakfast			7:30 - 8:20 am
Introduction and Welcome		Josh Shackelford, PE, Olsson	8:25 - 8:35 am
Presentations		Speakers	
Session 1	Moderator:		Time
1.0	Platinum Sponsor Intro		8:35 - 8:40
1.1	Tunneling with Parker Water: It's Always a Bore!	Jenna Barker and Emilie Abbott Parker Water & Sanitation District Sarah Myers - Lithos Engineering Liv Haugen - Jacobs	8:40 - 9:05
1.2	Rehabilitation of the Century-Old Taggart Outfall	Carl Pitzer Thompson Pipe Group	9:05 - 9:30
1.3	Leveraging AI Computer Vision and Cloud Computing to Lower Sewer Inspection Costs, Accelerate Processes, and Improve Asset Planning	Eric Sullivan Sewer AI	9:30 - 9:55
Break 9:55 - 10:15 in Exhibit Area			
Session 2	Moderator:		Time
2.0	Platinum Sponsor Intro 2		10:15 - 10:20
2.1	HWY 89 Blind Trenchless Installations	John Beckos BTrenchless	10:20 - 10:45
2.2	Bias Awareness and Cross-Cultural Communication in the Trenchless Industry	Anna Ristucia and Nate Soule Lithos Engineering	10:45 - 11:10
2.3	Pipe Bursting Water Mains	George Mallakis TT Technologies, Inc.	11:10 - 11:35
Vendor Area Visit			11:35 - 12:00
Lunch 12:00 - 1:00 in Exhibit Area			
Panel Roundtable: External Forces Impacting the Trenchless Industry: Long-Term Implications and Solutions			1:00 - 1:45
Session 3	Moderator:		Time
3.0	Platinum Sponsor Intro 3		1:45 - 1:50
3.1	Basic Framework for Selection of Trenchless Renewal Technologies for Pressurized Pipelines	Brad Conder Aegion Corporation	1:50 - 2:15
3.2	Challenges with Drilled Installation of Pipe Canopy Tubes in Gravelly Alluvium	Michael Tinney Kilduff Underground Engineering	2:15 - 2:40
Break 2:40 - 3:00 in Exhibit Area			
Session 4	Moderator:		Time
4.0	Platinum Sponsor Intro 4		3:00 - 3:05
4.1	Case Studies of Permeation Grouting	Ryan Crum - City of Denver Kyle Friedman - Brierley Associates	3:05 - 3:30
4.2	Success on San Patricio - Structural Manhole Rehabilitation in Albuquerque	Jeff Maier Garver	3:30 - 3:55
4.3	Measuring HDD Construction Performance	Jim Williams Brierley Associates	3:55 - 4:20
RM NASTT Conference Wrap Up		RMNASTT Chairman	4:20 - 4:30
Social Hour in Exhibit Area			

Roundtable Panel: Thomas Blackman (City of Denver), Stephanie Nix (Nix Construction), Dennis Dunham (DSI Underground), Sam Ariaratnam (Arizona State) and Todd Kilduff (Kilduff Underground Engineering)