

2023 Annual Conference - Technical Schedule

JUNE 27 - 29, 2023 | WACO CONVENTION CENTER | WACO, TEXAS

# TUESDAY | JUNE 27, 2023

Tract	Transportation / Traffic / Mobility	Capital Delivery	Inspections	Asset Management	Utilities / Water Resources
Room	McLennan 207	McLennan 209	TX-North 113	TX-North 114	TX-North 115
7:00 AM - 8:00 PM	REGISTRATION				
7:00 AM - 12:00 PM	EXHIBITOR SET-UP				
12:00 PM - 1:00 PM	LUNCH IN EXHIBIT HALL (Box-lunch, no speaker)				
1:15 PM - 2:05 PM (50 min) Session 1	<p>Combating Roadway Departures</p> <p>Walt Catlett, PE, CSHO</p> <p>Texas Concrete Pipe Association</p>	<p>The Alternative to Uncertainty: Maximizing the Benefits of Alternative Delivery</p> <p>Colleen Martindale David Wallace, PE Jeromy Shaw</p> <p>McCarthy Building Companies</p>	<p>Managing Construction Quality</p> <p>Greg Geller, PE Matt Cartwright, PE</p> <p>Freese &amp; Nichols, Inc.</p>	<p>What in the World has the TWDB done with Asset Management Now?</p> <p>Mark Hall, PE Hanson Professional Service</p> <p>Erin Calcari DOT-US</p>	<p>Planning the Growth of Corpus Christi's Roadway, Water, Stormwater, and Wastewater Systems</p> <p>Kim Keefer, PE Jake Powell, PE, CFM</p> <p>Pape-Dawson Engineers</p>
2:15 PM - 3:05 PM (50 min) Session 2	<p>People to Consider in Multimodal Project Design</p> <p>David Wegener, EIT</p> <p>Meeting The Challenge, Inc. - an STV Company</p>	<p>PMI Racing Circuit: A Formula 1 Model for Turbocharging Program/Project Performance</p> <p>Giancarlo G. Patino, MS, PE, CFM, PMP</p> <p>Freese &amp; Nichols, Inc.</p>	<p>Stormwater Drainage - It Is No Longer the Forgotten Asset</p> <p>Mark B. Joersz</p> <p>ADS</p>	<p>Mixed Asset Planning for Infrastructure Assets</p> <p>Kurt Bialobreski, PE, PTOE DOT-US</p>	<p>Pipe Bursting Will Minimize Disturbance - Or Will It? A Case Study of Lessons Learned in Waterline Pipe Bursting</p> <p>Michael Gurka, PE Quiddity Engineering</p> <p>Jason Kirby, PE, CFM Fort Bend County Water Control &amp; Improvement District No. 2</p>
2:55 PM - 3:25 PM	SPONSORED AFTERNOON BREAK				
3:15 PM - 4:05 PM (50 min) Session 3	<p>From Innovative to Mainstream: Navigating the Third Edition of the Roundabout Guide (NCHRP Research Report 1043: Guide for Roundabouts)</p> <p>Alek Pochowski, PE Kittelston &amp; Associates,</p>	<p>Contract &amp; Project Management Lifecycle (C-PML) System Thinking Approach to Houston Public Works Projects (HPW)</p> <p>Kassime Toure, MSC, PMP, CCM City of Houston</p>	<p>So You Have a Transition Plan, Now What?</p> <p>David Wegener, EIT</p> <p>Meeting the Challenge - an STV Company</p>	<p>Identifying High-Risk Assets in Sanitary Sewer Infrastructure: A Risk Analysis Framework</p> <p>Becky Salazar, PE Tristan Nickel, PE, AWAM</p> <p>RJN Group</p>	<p>Preparing a Cost-Benefit Analysis for Pipe Material Selection/Recommendation</p> <p>Aja J. Calderon, PE Elise Budd, EIT Abdel Hamed, PE</p> <p>BGE, Inc.</p>
4:15 PM - 4:30 PM	BREAK				
4:30 PM - 6:30 PM	WELCOME RECEPTION IN EXHIBIT HALL				
HIGHLIGHTED SHOULD QUALIFY FOR CFM SESSIONS					

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**JUNE 27 - 29, 2023 | WACO CONVENTION CENTER | WACO, TEXAS**

**WEDNESDAY | JUNE 28, 2023**

Tract	Transportation / Traffic / Mobility	Leadership & Management	Engineering Technology	Stormwater	Sustainability / Resiliency	Utilities / Water Resources
Room	McLennan 207	McLennan 208	McLennan 209	TX-North 113	TX-North 114	TX-North 115
7:00 AM - 6:00 PM	REGISTRATION					
7:00 AM - 8:00 AM	BREAKFAST					
8:00 AM - 8:15 AM	ANNOUNCEMENTS					
8:30 AM - 9:20 AM (50 min) Session 4	Roundabout Best Practices - Design & Public Engagement  Haley M. Smith, PE Lexi Elio  Burns & McDonnell	Developing Mentor/Mentee Relationships for Succession Planning  Seline Lee Brandon, PE  Freese & Nichols, Inc.	Ethics and Public Infrastructure  Ron Reichert TCPA	Before the Flood: Master Planning for Stormwater Infrastructure  Nick Hernandez  Garver	Houston Public Works: How WE Engage Houston!  Kenya Williams, MPA  City of Houston Public Works	College Street Improvements: Falling Historic Brick Storm System  James S.R. Gaertner, PE, CFM, CPM City of Waxahachie  Holly Ahumada, PE, CFM Freese & Nichols, Inc.
9:30 AM - 10:20 AM (50 min) Session 5	Asset Management and GIS Data Representation  David Melgoza Colton Schultz  City of Pearland	Q Squared = IQ & EQ  Austin Duehr, PE, ENV SP Alex Zuniga, EIT  LAN	The 5-Rs of 5G: Radiation, Revenues, Repurposing, Recovering Costs and Rethinking Your Public Works Infrastructure  Timothy R. Jonasson, PE Municipal Advisory Services Director Ken Demlow Senior Project Manager HR Green	State Highway 7 Trinity River Crossing - Analysis and Design Considerations  Yousef Husain, PE, CFM Carita Stewart, PE  BGE, Inc.	Financial Planning & Modeling "The Basics"  William Ziebertz Stantec	PFAS Treatment is Coming To Texas - Lessons Learned from Successful PFAS Implementation on the East Coast  Swaroop C. Puchalapalli, PE STV
10:20 AM - 10:55 AM (35 min)	BREAK IN EXHIBIT HALL					
11:00 AM - 11:50 am (50 min) Session 6	The Fork in the Road; The Diverging Paths of Roadway Maintenance  Hossein Roshani, PhD, PE Jeffrey Roberts, PE CFM  LAN	YMCA of Management (You, Me, City/Company, Anything)  Gary Gattis City of Austin  Daniel Menendez, PE, PWLF Huitt-Zollars, Inc.	Navigating EV Trends and Funding Opportunities  Jose Correa, PE Eric Jeon  Kimley-Horn & Associates, Inc.	Fort Worth's Storm Drain Rehabilitation Program: Exploring Artificial Intelligence For Cost-Effective Operations and Planning  Matt Stahl, PE, CFM, AWAM Cooper Hoffman, EIT, CFM Half Associates Cannon R. Henry, P.E., CFM City of Fort Worth	The Cornerstone of Public Works Resiliency is Through Collaboration  Jeff Reynolds  City of Killeen	Wastewater Treatment 101  Hector Montanez-Rivera, TCEQ A Water and Wastewater Operator  City of Houston Public Works
12:00 PM - 1:00 PM (1.25 hr)	LUNCH IN EXHIBIT HALL (Keynote Speaker Ms. Kris Collins, Senior Vice President of Economic Development for the Waco Chamber of Commerce; Membership Meeting)					
1:15 PM - 2:05 PM (50 min) Session 7	Lessons Learned - Designing Bicycle Facilities in the Dallas/Fort Worth Area  Todd Woodson, PE, PMP, LEED AP BD+C  Half Associates	Leadership and Foresight That Led to the Completion of a "Crown Jewel" Infrastructure Project  Shashi Kumar, PE, CFM  City of Missouri City	Fast-Track Economical Pavement Rehabilitation  Matthew W. Singel, PE  Anderson Paving, Inc.	What the Muck? Three must-haves for a successful dredging project  Trent Lewis, FPC  dredgeSMART	Need funding for Flood Mitigation Projects? Sign me up!  Kathy Hopkins, CFM, CTCM, CTCD Cody Ransone, CFM, CTCM, CTCD TX Water Development Board	Ground Water Chloramination  Daryl Pope, TCEQ A Water and Wastewater Operator  City of Houston Public Works
2:15 PM - 3:05 PM (50 min) Session 8	ADA Compliance & Asset Management in the Right of Way  Steven Henze, RAS David Butkus, RAS, PMP  Cole & Associates	Tailored Tools - How to Pick a Project Management Information System (or any Software) that Works for You  Jennifer Russell, EISE, CSEP  Garver	Overview of Pavement Management Assessment Workflow  Reuben Williams, PE  ARA	Using ICM 1D/2D Models to Master Plan Corpus Christi Stormwater  Ben Setterbo, PE, CFM Anthony Schepis, EIT Jake Powell, PE, CFM  Pape-Dawson Engineers	The What, Why and When of Rain Gardens  Maria Schneider, MSE, LEED AP Firefly Development LLC  Fouad Jaber, PhD, PE Texas A&M AgriLife Extension	Is your Water Utility Ready for AI? Are you?  David Allen Williams, PE, MSEE, DE.EE Candidate  City of Houston
2:55 PM - 3:25 PM	SPONSORED AFTERNOON BREAK					
3:15 PM - 4:05 PM (50 min) Session 9	Criticality Based Multiyear Pavement Maintenance Plan For City of Fort Worth  Omar Elbagalati, PhD, PE City of Fort Worth	The Intersection of Public Works with Human Trafficking  John A. Habermann, PE Texas A&M Transportation Institute  Susan Peters, CEO Unbound Now and Heart of Texas Human Trafficking Coalition	Automatic Pavement Distress Detection, PCI Evaluation & Interactive Map Visualization  Hamed Majidifard, PhD, CTO  Tiger Eye Engineering, LLC	How to Effectively Monitor and Maintain Stormwater Wet Ponds  Robert Quinlan, CESSWI  Travis County Transportation & Natural Resources and Environmental Quality	Pavement Life-Cycle Assessment ~ Environmental Impact Calculations Using Pay Items  Reuben Williams, PE  Applied Research Associates	Seeing the Forest from the Trees: A Predictive Model Approach to I&I Reduction in the Woodlands  Samantha Greivell Jared Sienkewich, PE  Garver
4:15 PM - 4:30 PM	BREAK					
4:30 PM - 5:30 PM	EXHIBITOR AND AWARDS RECEPTION IN EXHIBIT HALL					
5:30 PM - 6:30 PM	AWARDS CEREMONY IN EXHIBIT HALL					
6:30 PM - 8:00 PM	DINNER ON YOUR OWN					
7:00 PM - 10:00 PM	YOUNG PROFESSIONAL EVENT (Trivia at Southern Roots Co.)					
	HIGHLIGHTED SHOULD QUALIFY FOR CFM SESSIONS					

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# THURSDAY | JUNE 29, 2023

Tract	Technical Tours	Transportation / Traffic / Mobility	Safety and Emergency Management	Engineering Technology	Development of Young Professionals	Sustainability / Resiliency	Utilities / Water Resources
Room	N/A	TX-South 116	TX-South 117	TX-South 118	TX-North 113	TX-North 114	TX-North 115
7:00 AM - 3:30 PM	REGISTRATION						
7:30 AM - 9:00 AM	BREAKFAST (Sponsored by The Lime Association)						
8:00 AM - 8:15 AM	ANNOUNCEMENTS						
8:30 AM - 9:20 AM (50 min) Session 10	City of Waco Dissolved Air Flotation Treatment of Brazos River Tour  -OR-  TYMCO Facility Tour	Missouri City's New Approach for Developing Cohesive Mobility and ITS Master Plans  Marcus Snell, PE, CFM Ameena Padiath, PE, PTOE City of Missouri City  Manu Isaac, PE Kimley-Horn & Associates	Preparing for an active threat/shooter  Expert Panel led by:  Brian Mason City of Houston Public Works	Cake Wars: Which Dewatering Technology is Right For You  Bethany A. Miller, PE William R. Sagastiazado, PE  Quiddity Engineering	Through the Eyes of Time  JoAnne Milhollin Kamman, PE, CFM  City of Granbury	Preparing for the Fiscal Impact of a Major Event  William Ziebertz Stantec	Resilience Storm Development & Modeling for IH-10 in TxDOT Beaumont District  Lacy Rhoades, EIT, CFM Allison Wood, PE, CFM  Huitt-Zollars, Inc.
9:30 AM - 10:20 AM (50 min) Session 11		Long Path Ahead: Innovating Sidewalk Assessments  Trevor Surface Ryon Bell  City of Sugar Land	Road Safety Champion Program  Walt Catlett, PE, SCHO  TPCA	Advances in Buried Infrastructure Assessment Technology - A Useful Asset Management Tool  Matt Childs, PE TPCA	Engineered with Insider Information  Austin Duehr, PE, ENV SP LAN  Jonathan Wheat, PE Jody Byerly City of Carrollton	Funding Opportunities for Rural Communities  Tara Delagarza, PE, PMP Lexi Elio  Burns & McDonnell	Pardon Our Mess: Construction Sequencing Challenges at Existing Facilities  Bethany A. Miller, PE Alan I. Chavez, PE  Quiddity Engineering
10:20 AM - 10:55 AM (35 min)		BREAK IN EXHIBIT HALL					
11:00 AM - 11:50 am (50 min) Session 12		Roadway Safety Fundamentals  Walt Catlett, PE, CSO  Texas Concrete Pipe Association	A Watershed Master Plan Update with a focus on Emergency Management  Shashi Kris Kumar, PE, CFM Marcus Snell, PE, CFM  City of Missouri City	RETHINKING Pavement Management in the City of Galveston  Robert Winiecke, PE, CFM City of Galveston  Scot Gordon, PE, IAM Zac Thomason Roadway Asset Services, LLC	Communicate your Future in the Workplace: Leadership in the New Millennium  Wendy Ruiz Oller Engineering, Inc.	Coppell Citywide Water System Redundancy Measures  Bryant Caswell, PE BGE, Inc.  Mike Garza, PE Jamie Brierton City of Coppell	Understanding Composite Applications for Infrastructure Access  Tim Powell  EJ
12:00 PM - 1:15 PM (1.5 hr)	LUNCH IN EXHIBIT HALL (Keynote Speaker Conversation with Eric Dargan - Navigating the Public Works profession )						
1:30 PM - 4:00 PM	ADJOURN, AFTER ACTION REVIEW (Ranger Room 106-108)						
HIGHLIGHTED SHOULD QUALIFY FOR CFM SESSIONS							