

2024 Annual Conference - Technical Schedule (DRAFT-04/01/24)

JUNE 3-5, 2024 | HENRY B. GONZALEZ CONVENTION CENTER | SAN ANTONIO, TEXAS

MONDAY | JUNE 3, 2024

Tract	MANAGEMENT & LEADERSHIP	ENGINEERING & TECHNOLOGY	TRANSPORTATION	WATER RESOURCES	UTILITY	ASSET MANAGEMENT
Room	#	#	#	#	#	#
7:00 AM - 6:30 PM	REGISTRATION					
7:00 AM - 12:00 PM	EXHIBITOR SET-UP					
9:00 AM - 2:00 PM	GOLF TOURNAMENT (FUNDRAISER HOSTED BY SOUTH CENTRAL BRANCH)					
8:30 AM - 12:00 PM (2.5 hr) (PRE-REGISTRATION REQUIRED)	TECHNICAL TOUR: SAN ANTONIO TUNNEL/SAN PEDRO CREEK CULTURE PARK Steven Dean, PE, CFM - Pape-Dawson Engineers LLC			TECHNICAL TOUR: SAN ANTONIO WATER SYSTEMS H2OAKS FACILITY TBD-San Antonio Water System		
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL (Box-lunch, no speaker)					
1:30 PM - 2:30 PM (1 hr) Session 1	Case Study of Department of Public Works Facilities Master Plan for the City of Pflugerville, Texas Kirk Millican, AIA - Freese and Nichols Inc Tom Roessler, AIA, NCARB, LEED AP BD+C - Freese and Nichols Inc	Supporting a Project Through Troubled Waters: When A Bonding Company Completes a Construction Project S. Keller Drozdick, PE, PMP - Merrick and Company	Understanding Accessibility and The Public-Right-of-Way Rule Steven Mifsud MBE - Direct Access Consultancy LLC	Lessons learned associated with Alligator and Geronimo Creek FEMA Flood Risk Project Alexander Wallen, PE - Black and Veatch Brian Perkins, PE - Guadalupe-Blanco River Authority	North Houston District WWTP Consolidation, Persistence and Commitment Pays Off Robert Thompson, PE - Jacobs Geyan Zuo, PE - City of Houston Wastewater Operations Hemil Patel, PE	Unmanned Asset Management Trevor Surface - City of Sugar Land
2:40 PM - 3:40 PM (1 hr) Session 2	The 5-Stage Model to Attract and Retain Public Works Employees Ray L. Belk, SPHR, SHRM-SCP, PMP - The University of Texas at Arlington	Park Land Multi-Use Guidebook: Transforming City Parks to Incorporate Stormwater Mitigation Strategies Z. Gao Lee, PE, CFM - Quiddity Engineering	Writing Effective Grants for Federal Discretionary Funding Bob Cook - Garver LLC	City of San Antonio Stormwater Planning Overview Saif Al-Haddad, PE, CFM - City of San Antonio Claire Guzman, PE, CFM - Maestas and Associates Michael Maestas, PE, CFM - Maestas and Associates	From a Sprint to a Marathon: The Race to Restoring a Failing Water Distribution System in Jackson, MS. Pat Brown - Stantec Kristen Whatley, PE - Stantec	Mapping Progress: Using GIS to Track Development Life Cycle Gini Connolly, AICP, GISP, CFM - Halff Brandon Doughty - Town of Northlake
3:50 PM - 4:50 PM (1 hr) Session 3	Choose Your Own Adventure: Public Works Edition Matt Froehlich PE, ENV SP - BGE, Inc.	Engineers Are People Too Luz Maria Boentges, PE, PMP - Merrick and Company Jessica Robles, PE - Merrick and Company Keller Drozdick, PE, PMP - Merrick and Company	Implementing Successful Complete Streets Projects Jaimison Sloboden, PE - Michael Baker International Howard Blackson, CNUac - Michael Baker International Julia Ryan, AICP - Michael Baker International	How Do You Sell a Multi-Million Dollar Capital Improvements Project To Mitigate The Flood That's Never Happened? Ron J. Branyon, PE, CFM - HDR Roberto Reyna, PE, CFM - City of San Antonio Public Works Brandon Hilbrich, PE, CFM - HDR	Lessons Learned from Pipeline Renewal Programs Ian Toohey, PE - Garver LLC	Transitioning Contract Custodian Services to Performing In-House Services John Warnement, MBA, CPWPM - City of Webster John Hines - City of Webster
4:50 PM - 5:00 PM	BREAK					
5:00 PM - 6:30 PM	EXHIBITOR HALL "EXTRAVAGANZA"					
6:30 PM - 10:00 PM	WELCOME RECEPTION/FAMILY NIGHT (LA VILLITA HISTORIC VILLAGE)					
HIGHLIGHTED SESSIONS QUALIFY FOR TCEQ AND CFM ACCREDITATION (PENDING APPROVAL: TO BE UPDATED PRIOR TO CONFERENCE)						

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TUESDAY | JUNE 4, 2024

Tract	MANAGEMENT & LEADERSHIP	ENGINEERING & TECHNOLOGY	TRANSPORTATION	WATER RESOURCES	UTILITY	ASSET MANAGEMENT
Room	#	#	#	#	#	#
7:00 AM - 6:00 PM	REGISTRATION					
7:00 AM - 8:30 AM (1 hr)	WOMEN'S LEADERSHIP EVENT/BREAKFAST - BRIDGE HALL					
8:30 AM - 9:30 AM (1 hr) Session 4	<p>Navigating the Future: Strategies for Modernizing Public Works Management</p> <p>Quint Pertzsch - OpenGov</p>	<p>Initiating, Executing, Managing, and Closing Bonds and M&O Fund Funded Capital Projects</p> <p>Kenny Crawford, COL(U.S.A. Ret), Lean Six Sigma Black Belt, PMP - City of Buda</p> <p>Angellia Points, PE - WSB</p>	<p>Design and Testing Requirements for Successful Treatment of Base and Subgrade</p> <p>Larry Peirce - Lhoist</p>	<p>Complex Raw Water Intake Construction Challenges on the Mighty Brazos</p> <p>Samantha Branson Stoughtenger, PE - Gulf Coast Water Authority</p> <p>Naveen Chillara, PE - Freese and Nichols Inc</p>	<p>Playing the Game of Avoidance, Large Diameter Waterline Tunneling Through Urbanized Houston</p> <p>Denis Atwood, PE - KCI Technologies</p> <p>Ram Chakradhar, PE - City of Houston Public Works</p>	<p>Asset Management Goal Setting</p> <p>Chris Sunde, PE, MBA - Good Roads Inc</p>
9:40 AM - 10:40 AM (1 hr) Session 5	<p>Does Staff Augmentation Make Sense for your Agency?</p> <p>John Warnement, MBA, CPWP-M City of Webster</p> <p>Katherine Mears, PE, ENV-SP - Huitt-Zollars</p>	<p>Building Resilient Infrastructure: Flood Mitigation Improvements and Funding Resources – A Case Study from the City of Liberty, Texas</p> <p>Keval Satra, PE - HR Green</p>	<p>Fiesta Fiasco: Culebra Road Pipe Pandemonium</p> <p>Aaron Hoffman - Lewis Concrete Restoration</p> <p>Victoria Escobedo, PE, CFM - City of San Antonio Public Works</p>	<p>Guardians Above and Below – Air Force Evaluates North TX Storm Drain System for a Safe and Sustainable Future</p> <p>Matt Stahl, PE, CFW, AWAM - Half Associates, Inc.</p>	<p>Optimized Construction Packaging for Pipeline Rehabilitation</p> <p>Michael Persyn, PE - K Frieze and Associates</p>	<p>Kickstart Your Asset Management Program for Small Organizations</p> <p>Adrian Garcia, PE, CFM, PMP - WGI</p> <p>Joshua Allen, PE - WGI</p>
10:40 AM - 11:00 AM	BREAK IN EXHIBIT HALL					
11:00 AM - 12:00 PM (1 hr) Session 6	<p>Young Professional Development in Public Works</p> <p>Selina Lee Brandon, PE - Freese and Nichols Inc</p>	<p>Conquering the Capital Delivery Quest</p> <p>John Nowak, PE - City of Schertz</p>	<p>Local Roadways – Soil Moisture, Movements and Pavement Performance</p> <p>Isidoro Arjona, PE, PMP - Raba Kistner</p> <p>Eric Neuner, PE - Raba Kistner</p>	<p>Piloting a New Approach to Securing and Executing Federal Funds for Flood Mitigation Projects</p> <p>Lowry A. Crook, J.D., Bar Admission District of Columbia and Texas - Best Best & Krieger LLP</p> <p>Scott R. Elmer, PE - Harris County Flood Control District</p> <p>Mary Beth Coburn, PE, J.D., Bar Admission California - Best Best & Krieger LLP</p>	<p>Apples vs Oranges: Alternative Analysis and Preselection of UV Disinfection System for Rehabilitation of 40 MGD WWTP</p> <p>Keval Satra, PE - HR Green</p>	<p>Military Cities Supporting the Military</p> <p>Angellia Points, PE - WSB LLC</p>
12:00 PM - 1:30 PM	LUNCH IN BRIDGE HALL (Keynote Speaker)					
1:30 PM - 2:30 PM (1 hr) Session 7	<p>Navigating Funding Opportunities to Maximize Success</p> <p>Steven Sims - Kimley Horn and Associates Inc</p> <p>Misty Christian, PE, CFM, CPSWQ - Kimley Horn and Associates Inc</p>	<p>Avoiding the Distress of Sidewalk Assessments</p> <p>Seth Adams, EIT - WGI</p> <p>Sandor Laszlo, PE - WGI</p>	<p>Re-Construction: How Proper Project Oversight Can Prevent Premature Infrastructure Failure?</p> <p>Cameron McCraw, PE - Freese and Nichols Inc</p>	<p>Fort Worth's Urban Flood Risk Modeling & Mapping</p> <p>Zubin Sukheswalla, PE, CFM - Pape-Dawson Engineers LLC</p>	<p>Water Sustainability and Water Master Planning in Buda, Texas</p> <p>Greg Blackburn, PE - K Frieze and Associates</p>	<p>Objective Pavement Assessment or Affordable Pavement Management? Why Choose When You Can Have Both!</p> <p>Nathan Kebede, PE - Michael Baker International</p>
2:40 PM - 3:40 PM (1 hr) Session 8	<p>Innovative Workforce Solutions: A Case Study on Fort Worth's Success in Employee Programs</p> <p>Lane Zarate, PE, CCM - City of Fort Worth</p> <p>Teanna Thompson, PMP, MPA - City of Fort Worth</p>	<p>What Are Some of the Lesser Known Rules and Laws of the Texas Engineering Practice Act?</p> <p>John Ho, PE, F.NSPE - Huitt-Zollars Inc</p>	<p>How the City of Dallas Currently Assesses the Condition of its Roadways ...and How ASTM E3303 Might be Applied as an Innovative Approach Down the Road</p> <p>Dr. Kurt Keifer, PhD, PE - ICC-IMS</p>	<p>Houston, We have a plan! Identifying Target Areas for Future Projects</p> <p>Paresh Lad, ENV SP - City of Houston</p> <p>Andrew Moore, PE, CFM - Half Associates</p>	<p>High Stakes - Critical Stakeholder Coordination During Design of Large Diameter Water Mains</p> <p>Edgar Segovia, PE - WGI</p> <p>Sirahuen Guajardo, PE - San Antonio Water System</p>	<p>PMI Racing Circuit: A Formula 1 Model for Program/Project Performance</p> <p>Giancarlo Patino, MS, PE, CFM, PMP - Freese and Nichols Inc</p>
3:50 PM - 4:50 PM (1 hr) Session 9	<p>Lessons from a Hula-Hoop: Expectations and Mistakes of a Public Works Supervisor</p> <p>John Warnement, MBA, CPWP-M City of Webster</p>	<p>Innovation for Traffic Safety and Operations</p> <p>Michael Spayd, PE, PTOE, RSP1 - Garver Inc</p> <p>Ashley Maggio, PE RSP1 - Garver Inc</p>	<p>Transportation Bond Program Planning and Education</p> <p>Chris Bosco, PE - Freese and Nichols</p>	<p>Streambank Stabilization and Channel Maintenance</p> <p>Vahid Zarezadeh, PhD, PE, CFM - LAN Inc</p> <p>Steven Boylan- City of San Antonio Public Works</p>	<p>Managing Risks and Lessons Learned on a Utility Annexation Project</p> <p>Enrique Villa, PMP - City of Baytown Public Works</p> <p>Frank Stephens, PE, ENV SP - SEngineering LLC</p> <p>Gregorz Joseph- City of Baytown Public Works</p>	<p>Access to All – Leveraging Field and Cloud-Based Mapping Technology for PROWAG Standard Compliance</p> <p>Chad Hall, PE, GISP - STV Inc</p>
4:50 PM - 5:00 PM	BREAK					
5:00 PM - 5:45 PM	EXHIBITOR AND AWARDS RECEPTION IN EXHIBIT HALL					
5:45 PM - 6:45 PM	AWARDS CEREMONY IN BRIDGE HALL					
7:00 PM - 9:00 PM	SOCIAL EVENT					
9:00 PM - 11:00 PM	YOUNG PROFESSIONAL EVENT					
HIGHLIGHTED SESSIONS QUALIFY FOR TCEQ AND CFM ACCREDITATION (PENDING APPROVAL: TO BE UPDATED PRIOR TO CONFERENCE)						

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WEDNESDAY | JUNE 5, 2024

Tract	MANAGEMENT & LEADERSHIP	ENGINEERING & TECHNOLOGY	TRANSPORTATION	WATER RESOURCES	UTILITY	EMERGENCY MANAGEMENT
Room	#	#	#	#	#	#
7:00 AM - 12:00 PM	REGISTRATION					
7:00 AM - 8:30 AM	BREAKFAST (SPONSORED BY LIME ASSOCIATION)					
8:30 AM - 9:30 AM (1 hr) Session 10	Attract, Recruit, Retain, Repeat! Samantha Haritos, CFM, EIT, ENV, SP - K Friese	Growing Cities: Transparency, Tracking, Teamwork Angellia Points, PE - WSB LLC	Road Assessment Boot Camp: Get Better Roads Using AI and Weighted Traffic Ratings Glen Hutchinson, Michelin Mobility Intelligence - Better Roads (Formerly RoadBotics)	Merging HEC-RAS Hydraulic Modeling with Location and Water Level Surveying to Understand and Solve Gulf Coast Water Authority (GCWA) Canal and Reservoir Operational Challenges Alexander Wallen, PE - Black and Veath Virginia Migl - Gulf Coast Water Authority	Design of an 84" Water Transmission Line Curved Tunnel Under a Major Texas Highway Interchange Chris Campbell, PE -AWWA - Binkley & Barfield	Drive Sweeter Adrian Woolfork, Texas State Licensed Irrigator, Backflow Prevention Assembly Tester, Licensed Pesticide Applicator, CDL - City of Sugar Land Rachel Owens, MD - City of Sugar Land
9:40 AM - 10:40 AM (1 hr) Session 11	Leading Change During Uncertainty to Create a High-Performing Organization Jorge L. Morales, PE, CFM, Mpaff - City of Austin Watershed Protection Department Sarah Gavey, Mpaff - City of Austin Watershed Protection Department	Adding Value to Your Public Works Project with a Value Engineering Study Ryan S. Thomas, P.E., VMA - KSA Engineers Inc	Don't get tripped up! Practical, GIS-based Techniques for Sidewalk and Ramp Surveys Dr. Kurt Keifer PhD, PE - ICC IMS	Strategic Water Management in a Growing City: Leveraging Hydraulic Modeling and Collaboration for Sustainable Development in Conroe Dedra Echlund, PE - Lockwood Andrews & Newnam, Inc. Rafael Carrasquillo, PE - City of Conroe Carolina Garza- Lockwood Andrews & Newnam, Inc.	Excavation and Trench Safety Walt Catlett, PE, CSHO - Texas Concrete Pipe Association	Houston Public Works' Critical Role in Emergency Preparedness and Response Byron Oujesky, PMP, AEM - City of Houston Public Works Brian Mason, PMP - City of Houston City of Houston Public Works
10:40 AM - 11:00 AM	BREAK IN EXHIBIT HALL					
11:00 AM - 12:00 PM (1 hr) Session 12	Common CIP Pitfalls (And How to Fix Them) Brian Haynes, PE, CFM - Westwood Professional Services Matt McCombs, MBA - Westwood Professional Services	Maximizing PAVER for Local Agencies - High-Impact M&R Analyses Dr. Kurt Keifer PhD, PE - ICC IMS	Introduction to Road Safety Walt Catlett, PE, CSHO - Texas Concrete Pipe Association	Urban Flooding and Preliminary Engineering Study of N New Braunfels Avenue, San Antonio Ash Rahman, PE, CFM, ENV SP - Michael Baker International	Navigating Ellington Airport: Coordinating Construction of a 54-inch Water Line Manny De Pau, PE - Lockwood, Andrews & Newnam, Inc. Dedra Echlund, PE - Lockwood, Andrews & Newnam, Inc.	Stuck With A Disaster Debris Contract? What Do You Do Now? Jamie Robbins
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL - PRIZES AND SILENT AUCTION					
1:30 PM - 4:30 PM (PRE-REGISTRATION REQUIRED)	APWA - WINTER PREPAREDNESS FOR PUBLIC WORKS CREWS IN TEXAS!					
HIGHLIGHTED SESSIONS QUALIFY FOR TCEQ AND CFM ACCREDITATION (PENDING APPROVAL: TO BE UPDATED PRIOR TO CONFERENCE)						