

2024 Annual Conference - Technical Agenda (DRAFT-05/14/24)

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	7CD	7AB	6CD	6B	6A	8A
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 (1 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 CENTER Heather Ginsburg - San Antonio Water Systems		
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL (Box-lunch, no speaker)					
1:30 PM - 2:30 PM (1 hr) Session 1	<p>Case Study of Department of Public Works Facilities Master Plan for the City of Pflugerville, Texas</p> <p>Kirk Millican, AIA - Freese and Nichols Inc</p> <p>Tom Roessler, AIA, NCARB, LEED AP BD+C - Freese and Nichols Inc</p>	<p>Supporting a Project Through Troubled Waters: When A Bonding Company Completes a Construction Project</p> <p>S. Keller Drozdick, PE, PMP - Merrick and Company</p>	<p>Writing Effective Grants for Federal Discretionary Funding</p> <p>Bob Cook - Garver LLC</p>	<p>Lessons learned associated with Alligator and Geronimo Creek FEMA Flood Risk Project</p> <p>Alexander Wallen, PE - Black and Veatch</p> <p>Brian Perkins, PE - Guadalupe-Blanco River Authority</p>	<p>North Houston District WWTP Consolidation, Persistence and Commitment Pays Off</p> <p>Robert Thompson, PE - Jacobs</p> <p>Geyan Zuo, PE - City of Houston Wastewater Operations</p> <p>Hemil Patel, PE</p>	<p>Unmanned Asset Management</p> <p>Trevor Surface - City of Sugar Land</p>
2:40 PM - 3:40 PM (1 hr) Session 2	<p>The 5-Stage Model to Attract and Retain Public Works Employees</p> <p>Ray L. Belk, SPHR, SHRM-SCP, PMP - The University of Texas at Arlington</p>	<p>Park Land Multi-Use Guidebook: Transforming City Parks to Incorporate Stormwater Mitigation Strategies</p> <p>Z. Gao Lee, PE, CFM - Quiddity Engineering</p>	<p>Understanding Accessibility and The Public-Right-of-Way Rule</p> <p>Steven Mifsud MBE - Direct Access Consultancy LLC</p>	<p>City of San Antonio Stormwater Planning Overview</p> <p>Saif Al-Haddad, PE, CFM - City of San Antonio</p> <p>Claire Guzman, PE, CFM - Maestas and Associates</p> <p>Michael Maestas, PE, CFM - Maestas and Associates</p>	<p>From a Sprint to a Marathon: The Race to Restoring a Failing Water Distribution System in Jackson, MS.</p> <p>Pat Brown - Stantec</p> <p>Kristen Whatley, PE - Stantec</p>	<p>Mapping Progress: Using GIS to Track the Development Life Cycle</p> <p>Gini Connolly, AICP, GISP, CFM - Half</p> <p>Brandon Doughty - Town of Northlake</p>
3:50 PM - 4:50 PM (1 hr) Session 3	<p>TPW Workforce Solutions: Fort Worth's Successes in Employee Programs</p> <p>Lane Zarate, PE, CCM - City of Fort Worth</p> <p>Juan Cadena - City of Fort Worth</p>	<p>Engineers Are People Too</p> <p>Luz Maria Boentges, PE, PMP - Merrick and Company</p> <p>Jessica Robles, PE - Merrick and Company</p> <p>Keller Drozdick, PE, PMP - Merrick and Company</p>	<p>Implementing Successful Complete Streets Projects</p> <p>Jaimison Sloboden, PE - Michael Baker International</p> <p>Howard Blackson, CNUac - Michael Baker International</p> <p>Julia Ryan, AICP - Michael Baker International</p>	<p>How Do You Sell a Multi-Million Dollar Capital Improvements Project To Mitigate The Flood That's Never Happened?</p> <p>Ron J. Branyon, PE, CFM - HDR</p> <p>Roberto Reyna, PE, CFM - City of San Antonio Public Works</p> <p>Brandon Hilbrich, PE, CFM - HDR</p>	<p>Lessons Learned from Pipeline Renewal Programs</p> <p>Chandler Crouch, PE - Garver LLC</p> <p>Chris Leal, PE - Garver LLC</p>	<p>Transitioning Contract Custodian Services to Performing In-House Services</p> <p>John Hines - City of Webster</p> <p>John Warnement, MBA, CPWPM - City of Webster</p>
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)					
<b>HIGHLIGHTED SESSIONS QUALIFY FOR CFM ACCREDITATION</b>						

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**TUESDAY | JUNE 4, 2024**

Tract	MANAGEMENT & LEADERSHIP	ENGINEERING & TECHNOLOGY	TRANSPORTATION	WATER RESOURCES	UTILITY	ASSET MANAGEMENT
Room	7CD	7AB	6CD	6B	6A	8A
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><b>Navigating the Future: Strategies for Modernizing Public Works Management</b></p> <p>Quint Pertsch - OpenGov</p>	<p><b>Achieving Capital Adventures: Ways to Success</b></p> <p>Kenny Crawford, COL (USA Ret), Lean Six Sigma Black Belt, PMP - City of Buda</p> <p>Angellia Points, PE - WSB</p>	<p><b>Design and Testing Requirements for Successful Treatment of Base and Subgrade</b></p> <p>Larry Peirce - Lhoist</p>	<p><b>Complex Raw Water Intake Construction Challenges on the Mighty Brazos</b></p> <p>Samantha Stoughtenger Branson, PE - Gulf Coast Water Authority</p> <p>Naveen Chillara, PE - Freese and Nichols Inc</p>	<p><b>Playing the Game of Avoidance, Large Diameter Waterline Tunneling Through Urbanized Houston</b></p> <p>Denis Atwood, PE - KCI Technologies</p> <p>Ram Chakradhar, PE - City of Houston Public Works</p>	<p><b>Asset Management Goal Setting</b></p> <p>Chris Sunde, PE, MBA - Good Roads Inc</p>
9:40 AM - 10:40 AM (1 hr) Session 5	<p><b>Does Staff Augmentation Make Sense for your Agency?</b></p> <p>John Warnement, MBA, CPWP-M City of Webster</p> <p>Katherine Mears, PE, ENV-SP - Huitt-Zollars</p>	<p><b>Building Resilient Infrastructure: Flood Mitigation Improvements and Funding Resources – A Case Study from the City of Liberty, Texas</b></p> <p>Keval Satra, PE - HR Green</p>	<p><b>Fiesta Fiasco: Culebra Road Pipe Pandemonium</b></p> <p>Aaron Hoffman - Lewis Concrete Restoration</p> <p>Victoria Escobedo, PE, CFM - City of San Antonio Public Works</p>	<p><b>Guardians Above and Below – Air Force Evaluates North TX Storm Drain System for a Safe and Sustainable Future</b></p> <p>Matt Stahl, PE, CFW, AWAM - Half Associates, Inc.</p>	<p><b>Optimized Construction Packaging for Pipeline Rehabilitation</b></p> <p>Michael Persyn, PE - K Friese + Associates</p>	<p><b>Kickstart Your Asset Management Program for Small Organizations</b></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><b>Young Professional Development in Public Works</b></p> <p>Selina Lee Brandon, PE - Freese and Nichols Inc</p>	<p><b>Conquering the Capital Delivery Quest</b></p> <p>John Nowak, PE - City of Schertz</p>	<p><b>Local Roadways – Soil Moisture, Movements and Pavement Performance</b></p> <p>Isidoro Arjona, PE, PMP - Raba Kistner</p> <p>Eric Neuner, PE - Raba Kistner</p>	<p><b>Piloting a New Approach to Securing and Executing Federal Funds for Flood Mitigation Projects</b></p> <p>Lowry A. Crook, J.D., Bar Admission District of Columbia and Texas - Best Best &amp; 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 &amp; Krieger LLP</p>	<p><b>Apples vs Oranges: Alternative Analysis and Preselection of UV Disinfection System for Rehabilitation of 40 MGD WWTP</b></p> <p>Keval Satra, PE - HR Green</p>	<p><b>Military Cities Supporting the Military (And Vice Versa!)</b></p> <p>Angellia Points, PE - WSB</p>
12:00 PM - 1:30 PM	LUNCH IN BRIDGE HALL (Keynote Speaker)					
1:30 PM - 2:30 PM (1 hr) Session 7	<p><b>Navigating Funding Opportunities to Maximize Success</b></p> <p>Steven Sims - Kimley Horn and Associates Inc</p> <p>Misty Christian, PE, CFM, CPSWQ - Kimley Horn and Associates Inc</p>	<p><b>Avoiding the Distress of Sidewalk Assessments</b></p> <p>Seth Adams, EIT - WGI</p> <p>Sandor Laszlo, PE - WGI</p>	<p><b>Re-Construction: How Proper Project Oversight Can Prevent Premature Infrastructure Failure?</b></p> <p>Cameron McCraw, PE - Freese and Nichols Inc</p>	<p><b>Fort Worth's Urban Flood Risk Modeling &amp; Mapping</b></p> <p>Zubin Sukheswalla, PE, CFM - Pape-Dawson Engineers LLC</p>	<p><b>Water Sustainability and Water Master Planning in Buda, Texas</b></p> <p>Greg Blackburn, PE - K Friese + Associates</p> <p>Jennifer Sullivan - K Friese + Associates</p>	<p><b>Objective Pavement Assessment or Affordable Pavement Management? Why Choose When You Can Have Both!</b></p> <p>Nathan Kebede, PE - Michael Baker International</p>
2:40 PM - 3:40 PM (1 hr) Session 8	<p><b>Choose Your Own Adventure: Public Works Edition</b></p> <p>Matt Froehlich PE, ENV SP - BGE, Inc.</p>	<p><b>What Are Some of the Lesser Known Rules and Laws of the Texas Engineering Practice Act?</b></p> <p>John Ho, PE, F.NSPE - Huitt-Zollars Inc</p>	<p><b>How the City of Dallas Currently Assesses the Condition of its Roadways ...and How ASTM E3033 Might be Applied as an Innovative Approach Down the Road</b></p> <p>Shahad Mohammed-City of Dallas</p> <p>Dr. Kurt Keifer PhD, PE</p>	<p><b>Houston, We have a plan! Identifying Target Areas for Future Projects</b></p> <p>Pareesh Lad, ENV SP - City of Houston</p> <p>Andrew Moore, PE, CFM - Half Associates</p>	<p><b>High Stakes - Critical Stakeholder Coordination During Design of Large Diameter Water Mains</b></p> <p>Edgar Segovia, PE - WGI</p> <p>Sirahuen Guajardo, PE - San Antonio Water System</p>	<p><b>PMI Racing Circuit: A Formula 1 Model for Program/Project Performance</b></p> <p>Giancarlo Patino, MS, PE, CFM, PMP - Freese and Nichols Inc</p>
3:50 PM - 4:50 PM (1 hr) Session 9	<p><b>Lessons from a Hula-Hoop: Expectations and Mistakes of a Public Works Supervisor</b></p> <p>John Warnement, MBA, CPWP-M City of Webster</p>	<p><b>Innovation for Traffic Safety and Operations</b></p> <p>Michael Spayd, PE, PTOE, RSP1 - Garver Inc</p> <p>Ashley Magglo, PE RSP1 - Garver Inc</p>	<p><b>Transportation Bond Program Planning and Education</b></p> <p>Chris Bosco, PE - Freese and Nichols</p>	<p><b>Streambank Stabilization and Channel Maintenance</b></p> <p>Vahid Zarezadeh, PhD, PE, CFM - LAN Inc</p> <p>Steven Boylan - City of San Antonio Public Works</p>	<p><b>Innovative Project Delivery Model to Meet Growth Demands and Cost-Effective Process Changes for Capacity Jumps!</b></p> <p>Mike Halde, PE - HR Green Inc</p> <p>Shashi Kumar, PE - City of Missouri City, TX</p> <p>John Lacy - Pape-Dawson Engineers LLC</p>	<p><b>Access to All – Leveraging Field and Cloud-Based Mapping Technology for PROWAG Standard Compliance</b></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 (BE KIND AND REWIND)					
9:00 PM - 11:00 PM	YOUNG PROFESSIONAL EVENT (PAT O'BRIEN'S)					
	HIGHLIGHTED SESSIONS QUALIFY FOR CFM ACCREDITATION					

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# WEDNESDAY | JUNE 5, 2024

Tract	MANAGEMENT & LEADERSHIP	ENGINEERING & TECHNOLOGY	TRANSPORTATION	WATER RESOURCES	UTILITY	EMERGENCY MANAGEMENT
Room	7CD	7AB	6CD	6B	6A	8A
7:00 AM - 3:00 PM	REGISTRATION					
7:00 AM - 8:30 AM	BREAKFAST (SPONSORED BY LIME ASSOCIATION)					
8:30 AM - 9:30 AM (1 hr) Session 10	<p><b>Attract, Recruit, Retain, Repeat!</b></p> <p>Samantha Haritos, CFM, EIT, ENV, SP - K Friese + Associates</p>	<p><b>Implementing a Methodical Plan Review System: Developing Personnel and Standards in a Fast-Paced Environment</b></p> <p>Jessica George Robles, PE - Merrick &amp; Company</p> <p>Nick Puckett, PE - New Braunfels Utilities</p>	<p><b>Road Assessment Boot Camp: Get Better Roads Using AI and Weighted Traffic Ratings</b></p> <p>Glen Hutchinson, Michelin Mobility Intelligence - Better Roads (Formerly RoadBotics)</p>	<p><b>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</b></p> <p>Alexander Wallen, PE - Black and Veatch</p> <p>Virginia Migl, PMP - Gulf Coast Water Authority</p>	<p><b>Design of an 84" Water Transmission Line Curved Tunnel Under a Major Texas Highway Interchange</b></p> <p>Chris Campbell, PE - AWWA - Binkley &amp; Barfield</p> <p>Matt Koziol, PE - Schabel Engineering</p> <p>Tim McQueary, PE - BH Trenchless</p>	<p><b>Drive Sweeter</b></p> <p>Adrian Woolfork, Texas State Licensed Irrigator, Backflow Prevention Assembly Tester, Licensed Pesticide Applicator, CDL - City of Sugar Land</p> <p>Rachel Owens, MD - City of Sugar Land</p>
9:40 AM - 10:40 AM (1 hr) Session 11	<p><b>Leading Change During Uncertainty to Create a High-Performing Organization</b></p> <p>Jorge L. Morales, PE, CFM, Mpaff - City of Austin Watershed Protection Department</p> <p>Sarah Gavey, Mpaff - City of Austin Watershed Protection Department</p>	<p><b>Adding Value to Your Public Works Project with a Value Engineering Study</b></p> <p>Ryan S. Thomas, P.E., VMA - KSA Engineers Inc</p>	<p><b>Roundabouts for "ALL"</b></p> <p>Yancy Scott, P.E., CFM - K Friese + Associates</p>	<p><b>Strategic Water Management in a Growing City: Leveraging Hydraulic Modeling and Collaboration for Sustainable Development in Conroe</b></p> <p>Dedra Ecklund, PE - Lockwood Andrews &amp; Newnam, Inc.</p> <p>Rafael Carrasquillo, PE - City of Conroe</p> <p>Carolina Garza - Lockwood Andrews &amp; Newnam, Inc.</p>	<p><b>Excavation and Trench Safety</b></p> <p>Walt Catlett, PE, CSHO - Texas Concrete Pipe Association</p>	<p><b>Houston Public Works' Critical Role in Emergency Preparedness and Response</b></p> <p>Byron Oujesky, PMP, AEM - City of Houston Public Works</p> <p>Brian Mason, PMP - City of Houston City of Houston Public Works</p>
10:40 AM - 11:00 AM	BREAK IN EXHIBIT HALL					
11:00 AM - 12:00 PM (1 hr) Session 12	<p><b>Common CIP Pitfalls (And How to Fix Them)</b></p> <p>Brian Haynes, PE, CFM - Westwood Professional Services</p> <p>Matt McCombs, MBA - Westwood Professional Services</p>	<p><b>Maximizing PAVER for Local Agencies - High-Impact M&amp;R Analyses</b></p> <p>Dr. Kurt Keifer PhD, PE</p>	<p><b>Introduction to Road Safety</b></p> <p>Walt Catlett, PE, CSHO - Texas Concrete Pipe Association</p>	<p><b>Urban Flooding and Preliminary Engineering Study of N New Braunfels Avenue, San Antonio</b></p> <p>Ash Rahman, PE, CFM, ENV SP - Michael Baker International</p>	<p><b>Navigating Ellington Airport: Coordinating Construction of a 54-inch Water Line</b></p> <p>Manny De Pau, PE - Lockwood, Andrews &amp; Newnam, Inc.</p> <p>Dedra Ecklund, PE - Lockwood, Andrews &amp; Newnam, Inc.</p>	<p><b>Stuck With A Disaster Debris Contract? What Do You Do Now?</b></p> <p>Jamie Robbins - AshBritt</p>
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL - PRIZES AND SILENT AUCTION					
1:30 PM - 4:30 PM (ARMY RM7CD) (PRE-REGISTRATION REQUIRED)	<p><b>The Winter Preparedness Workshop for Texas Public Works Agencies and Utilities</b> John Turpin</p> <p>John Turpin PE - City of Lubbock, Tim Merritt - City of Lubbock</p>					
HIGHLIGHTED SESSIONS QUALIFY FOR CFM ACCREDITATION						