

2024 Annual Conference - Technical Agenda

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 (2 hr) (PRE-REGISTRATION REQUIRED)	<b>TECHNICAL TOUR: SAN ANTONIO TUNNEL/SAN PEDRO CREEK CULTURE PARK</b> Steven Dean, PE, CFM - Pape-Dawson Engineers LLC 0.2 CEUs			<b>TECHNICAL TOUR: SAN ANTONIO WATER SYSTEMS H2OAKS CENTER</b> Heather Ginsburg - San Antonio Water Systems 0.2 CEUs		
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL (Box-lunch, no speaker)					
1:30 PM - 2:30 PM (1 hr) Session 1	<b>Case Study of Department of Public Works Facilities Master Plan for the City of Pflugerville, Texas</b>  Kirk Millican, AIA - Freese and Nichols Inc  Tom Roessler, AIA, NCARB, LEED AP BD+C - Freese and Nichols Inc  0.1 CEU	<b>Supporting a Project Through Troubled Waters: When A Bonding Company Completes a Construction Project</b>  S. Keller Drozdick, PE, PMP - Merrick and Company  0.1 CEU	<b>Writing Effective Grants for Federal Discretionary Funding</b>  Bob Cook - Garver LLC  0.1 CEU	<b>Every Day Counts! Accelerated Precast Construction/Reinforced Concrete Box Culverts</b>  Ron Reichert - AmeriTex Pipe & Products LLC  0.1 CEU	<b>North Houston District WWTP Consolidation, Persistence and Commitment Pays Off</b>  Robert Thompson, PE - Jacobs  Geyan Zuo, PE - City of Houston Wastewater Operations  Hemil Patel, PE - Jacobs  0.1 CEU	<b>Unmanned Asset Management</b>  Trevor Surface - City of Sugar Land  0.1 CEU
2:40 PM - 3:40 PM (1 hr) Session 2	<b>5 Stage Employee Attraction and Retention Model</b>  Ray L. Belk, SPHR, SHRM-SCP, PMP - The University of Texas at Arlington  0.1 CEU	<b>Park Land Multi-Use Guidebook: Transforming City Parks to Incorporate Stormwater Mitigation Strategies</b>  Z. Gao Lee, PE, CFM - Quiddity Engineering  Connor Houghton, PE, CFM - Quiddity Engineering  Jesse Rose - City of Houston  0.1 CEU	<b>Understanding Accessibility and The Public-Right-of-Way Rule</b>  Steven Mifsud MBE - Direct Access Consultancy LLC  0.1 CEU	<b>Storm Water Management: Planning &amp; Implementation</b>  Saif Al-Haddad, PE, CFM - City of San Antonio  Claire Guzman, PE, CFM - Maestas and Associates  Michael Maestas, PE, CFM - Maestas and Associates  0.1 CEU	<b>From a Sprint to a Marathon: The Race to Restoring a Failing Water Distribution System in Jackson, MS.</b>  Pat Brown - Stantec  Kristen Whatley, PE - Stantec  0.1 CEU	<b>Mapping Progress: Using GIS to Track the Development Life Cycle</b>  Gini Connolly, AICP, GISP, CFM - Halff  Brandon Doughty - Town of Northlake  0.1 CEU
3:50 PM - 4:50 PM (1 hr) Session 3	<b>TPW Workforce Solutions: Fort Worth's Successes in Employee Programs</b>  Lane Zarate, PE, CCM - City of Fort Worth  Juan Cadena - City of Fort Worth  0.1 CEU	<b>Engineers Are People Too</b>  Luz Maria Boentges, PE, PMP - Merrick and Company  Jessica Robles, PE - Merrick and Company  S. Keller Drozdick, PE, PMP - Merrick and Company  0.1 CEU	<b>Implementing Successful Complete Streets Projects</b>  Jaimison Sloboden, PE - Michael Baker International  Howard Blackson, CNUac - Michael Baker International  Julia Ryan, AICP - Michael Baker International  0.1 CEU	<b>How Do You Sell a Multi-Million Dollar Capital Improvements Project To Mitigate The Flood That's Never Happened?</b>  Ron J. Branyon, PE, CFM - HDR  Roberto Reyna, PE, CFM - City of San Antonio Public Works  Brandon Hilbrich, PE, CFM - HDR  0.1 CEU	<b>Lessons Learned from Pipeline Renewal Programs</b>  Chandler Crouch, PE - Garver LLC  Chris Leal, PE - Garver LLC  0.1 CEU	<b>Transitioning Contract Custodian Services to Performing In-House Services</b>  John Hines - City of Webster  John Warnement, MBA, CPWP-M - City of Webster  0.1 CEU
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 CFM ACCREDITATION					
	HIGHLIGHTED SESSIONS QUALIFY FOR TCEQ ACCREDITATION					

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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 0.1 CEU					
8:30 AM - 9:30 AM (1 hr) Session 4	<b>Navigating the Future: Strategies for Modernizing Public Works Management</b>  Quint Pertsch - OpenGov  0.1 CEU	<b>Achieving Capital Adventures: Ways to Succeed</b>  Kenny Crawford, COL(USA Ret), Lean Six Sigma Black Belt, PMP - City of Buda  Angellia Points, PE - WSB 0.1 CEU	<b>Design and Testing Requirements for Successful Treatment of Base and Subgrade</b>  Larry Peirce - Lhoist 0.1 CEU	<b>Complex Raw Water Intake Construction Challenges on the Mighty Brazos</b>  Samantha Stoughtenger Branson, PE - Gulf Coast Water Authority  Naveen Chilara, PE - Freese and Nichols Inc 0.1 CEU	<b>Playing the Game of Avoidance, Large Diameter Waterline Tunneling Through Urbanized Houston</b>  Denis Atwood, PE - KCI Technologies  Ram Chakradhar, PE - City of Houston Public Works 0.1 CEU	<b>Asset Management Goal Setting</b>  Chris Sunde, PE, MBA - Good Roads Inc  0.1 CEU
9:40 AM - 10:40 AM (1 hr) Session 5	<b>Does Staff Augmentation Make Sense for your Agency?</b>  John Warnement, MBA, CPWP-M - City of Webster  Katherine Mears, PE, ENV-SP - Huitt-Zollars 0.1 CEU	<b>Building Resilient Infrastructure: Flood Mitigation Improvements and Funding Resources – A Case Study from the City of Liberty, Texas</b>  Keval Satra, PE - HR Green  Mariana Williams - HR Green 0.1 CEU	<b>Fiesta Fiasco: Culebra Road Pipe Pandemonium</b>  Aaron Hoffman - Lewis Concrete Restoration  Victoria Escobedo, PE, CFM - City of San Antonio Public Works 0.1 CEU	<b>Guardians Above and Below – Air Force Evaluates North TX Storm Drain System for a Safe and Sustainable Future</b>  Matt Stahl, PE, CFW, AWAM - Half Associates, Inc.  Jennifer Worthington, GISP, CFM Half Associates 0.1 CEU	<b>Optimized Construction Packaging for Pipeline Rehabilitation</b>  Michael Persym, PE - K Friese + Associates 0.1 CEU	<b>Kickstart Your Asset Management Program for Small Organizations</b>  Adrian Garcia, PE, CFM, PMP - WGI  Joshua Allen, PE - WGI 0.1 CEU
10:40 AM - 11:00 AM	BREAK IN EXHIBIT HALL					
11:00 AM - 12:00 PM (1 hr) Session 6	<b>Young Professional Development in Public Works</b>  Selina Lee Brandon, PE - Freese and Nichols Inc 0.1 CEU	<b>Conquering the Capital Delivery Quest</b>  John Nowak, PE - City of Schertz 0.1 CEU	<b>Local Roadways – Soil Moisture, Movements and Pavement Performance</b>  Isidoro Arjona, PE, PMP - Raba Kistner  Eric Neuner, PE - Raba Kistner 0.1 CEU	<b>Piloting a New Approach to Securing and Executing Federal Funds for Flood Mitigation Projects</b>  Lowry A. Crook, J.D., Bar Admission District of Columbia and Texas - Best Best & Krieger LLP  Scott R. Elmer, PE - Harris County Flood Control District  Mary Beth Coburn, PE, J.D., Bar Admission California - Best Best & Krieger LLP 0.1 CEU	<b>Apples vs Oranges: Alternative Analysis and Preselection of UV Disinfection System for Rehabilitation of 40 MGD WWTP</b>  Keval Satra, PE - HR Green 0.1 CEU	<b>Military Cities Supporting the Military (And Vice Versa!)</b>  Angellia Points, PE - WSB 0.1 CEU
12:00 PM - 1:30 PM	LUNCH IN BRIDGE HALL (Keynote Speaker: Judge Nelson Wolff)					
1:30 PM - 2:30 PM (1 hr) Session 7	<b>Navigating Funding Opportunities to Maximize Success</b>  Steven Sims - Kimley Horn and Associates Inc  Misty Christian, PE, CFM, CPSWQ - Kimley Horn and Associates Inc 0.1 CEU	<b>Avoiding the Distress of Sidewalk Assessments</b>  Seth Adams, EIT - WGI  Sandor Laszlo, PE - WGI 0.1 CEU	<b>Re-Construction: How Proper Project Oversight Can Prevent Premature Infrastructure Failure?</b>  Cameron McCraw, PE - Freese and Nichols Inc  Matt Cartwright, PE - Freese and Nichols Inc 0.1 CEU	<b>Fort Worth's Urban Flood Risk Modeling &amp; Mapping</b>  Zubin Sukheswalla, PE, CFM - Pape-Dawson Engineers LLC  Lonnie Anderson PE, CFM - Pape-Dawson Engineers LLC 0.1 CEU	<b>Water Sustainability and Water Master Planning in Buda, Texas</b>  Greg Blackburn, PE - K Friese + Associates  Jennifer Sullivan - K Friese + Associates 0.1 CEU	<b>Objective Pavement Assessment or Affordable Pavement Management? Why Choose When You Can Have Both!</b>  Nathan Kebede, PE - Michael Baker International 0.1 CEU
2:40 PM - 3:40 PM (1 hr) Session 8	<b>Choose Your Own Adventure: Public Works Edition</b>  Matt Froehlich PE, ENV SP - BGE, Inc. 0.1 CEU	<b>What Are Some of the Lesser Known Rules and Laws of the Texas Engineering Practice Act?</b>  John Ho, PE, F.NSPE - Huitt-Zollars Inc 0.1 CEU	<b>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</b>  Shahad Mohammed-City of Dallas  Dr. Kurt Kelfer PhD, PE 0.1 CEU	<b>Houston, We have a plan! Identifying Target Areas for Future Projects</b>  Jesse Rose - City of Houston  Andrew Moore, PE, CFM - Half Associates 0.1 CEU	<b>High Stakes - Critical Stakeholder Coordination During Design of Large Diameter Water Mains</b>  Edgar Segovia, PE - WGI  Sirahuen Guajardo, PE - San Antonio Water System 0.1 CEU	<b>PMI Racing Circuit: A Formula 1 Model for Program/Project Performance</b>  Giancarlo Patino, MS, PE, CFM, PMP - Freese and Nichols Inc 0.1 CEU
3:50 PM - 4:50 PM (1 hr) Session 9	<b>Lessons from a Hula-Hoop: Expectations and Mistakes of a Public Works Supervisor</b>  John Warnement, MBA, CPWP-M - City of Webster 0.1 CEU	<b>Innovation for Traffic Safety and Operations</b>  Michael Spayd, PE, PTOE, RSP1 - Garver Inc  Ashley Maggio, PE RSP1 - Garver Inc 0.1 CEU	<b>Transportation Bond Program Planning and Education</b>  Chris Bosco, PE - Freese and Nichols Inc 0.1 CEU	<b>Streambank Stabilization and Channel Maintenance</b>  Vahid Zarezadeh, PhD, PE, CFM - LAN Inc  Steven Boylan - City of San Antonio Public Works 0.1 CEU	<b>Innovative Project Delivery Model to Meet Growth Demands and Cost-Effective Process Changes for Capacity Jumps!</b>  Mike Halde, PE - HR Green Inc  Shashi Kumar, PE - City of Missouri City, TX  John Lacy - Pape-Dawson Engineers LLC 0.1 CEU	<b>Access to All – Leveraging Field and Cloud-Based Mapping Technology for PROWAG Standard Compliance</b>  Chad Hall, PE, GISP - STV Inc 0.1 CEU
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					
	HIGHLIGHTED SESSIONS QUALIFY FOR TCEQ ACCREDITATION					
	HIGHLIGHTED SESSIONS QUALIFY FOR CFM AND TCEQ 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	<b>Attract, Recruit, Retain, Repeat!</b>  Samantha Haritos, CFM, EIT, ENV, SP - K Friese + Associates  0.1 CEU	<b>Implementing a Methodical Plan Review System: Developing Personnel and Standards in a Fast-Paced Environment</b>  Jessica George Robles, PE - Merrick & Company  Nick Puckett, PE - New Braunfels Utilities  0.1 CEU	<b>Road Assessment Boot Camp: Get Better Roads Using AI and Weighted Traffic Ratings</b>  Glen Hutchinson, Michelin Mobility Intelligence - Better Roads (Formerly RoadBotics)  0.1 CEU	<b>Solving Canal and Reservoir Operational Challenges</b>  Alexander Wallen, PE - Black and Veatch  Virginia Migl, PMP - Gulf Coast Water Authority  0.1 CEU	<b>Design of an 84" Water Transmission Line Curved Tunnel Under a Major Texas Highway Interchange</b>  Chris Campbell, PE -AWWA - Binkley & Barfield  Matt Koziol, PE - Schabel Engineering  Tim McQueary, PE - BH Trenchless  0.1 CEU	<b>Drive Sweeter</b>  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  0.1 CEU
9:40 AM - 10:40 AM (1 hr) Session 11	<b>Leading Change During Uncertainty to Create a High-Performing Organization</b>  Jorge L. Morales, PE, CFM, Mpaff - City of Austin Watershed Protection Department  Sarah Garvey, Mpaff - City of Austin Watershed Protection Department  0.1 CEU	<b>Adding Value to Your Public Works Project with a Value Engineering Study</b>  Ryan S. Thomas, P.E., VMA - KSA Engineers Inc  0.1 CEU	<b>Roundabouts for "ALL"</b>  Rick J. Staigle, P.E., P.T.O.E. - Fort Bend County  Yancy Scott, P.E., CFM - K Friese + Associates  0.1 CEU	<b>Strategic Water Management in a Growing City: Leveraging Hydraulic Modeling and Collaboration for Sustainable Development in Conroe</b>  Dedra Ecklund, PE - Lockwood Andrews & Newnam, Inc.  Rafael Carrasquillo, PE - City of Conroe  Carolina Garza- Lockwood Andrews & Newnam, Inc.  0.1 CEU	<b>Excavation and Trench Safety</b>  Walt Catlett, PE, CSHO - Texas Concrete Pipe Association  0.1 CEU	<b>Austin Public Works-Critical Role in Emergency Preparedness and Response</b>  Richard Mendoza - City of Austin  0.1 CEU
10:40 AM - 11:00 AM	BREAK IN EXHIBIT HALL					
11:00 AM - 12:00 PM (1 hr) Session 12	<b>Common CIP Pitfalls (And How to Fix Them)</b>  Brian Haynes, PE, CFM - Westwood Professional Services  Matt McCombs, MBA - Westwood Professional Services  0.1 CEU	<b>Maximizing PAVER for Local Agencies - High-Impact M&amp;R Analyses</b>  Dr. Kurt Keifer PhD, PE  0.1 CEU	<b>Introduction to Road Safety</b>  Walt Catlett, PE, CSHO - Texas Concrete Pipe Association  0.1 CEU	<b>Urban Flooding and Preliminary Engineering Study of N New Braunfels Avenue, San Antonio</b>  Ash Rahman, PE, CFM, ENV SP - Michael Baker International  0.1 CEU	<b>Navigating Ellington Airport: Coordinating Construction of a 54-inch Water Line</b>  Manny De Pau, PE - Lockwood, Andrews & Newnam, Inc.  Dedra Ecklund, PE - Lockwood, Andrews & Newnam, Inc.  0.1 CEU	<b>Stuck With A Disaster Debris Contract? What Do You Do Now?</b>  Jamie Robbins - AshBritt  0.1 CEU
12:00 PM - 1:30 PM	LUNCH IN EXHIBIT HALL - PRIZES AND SILENT AUCTION					
1:30 PM - 4:30 PM (RM 7CD) (PRE-REGISTRATION REQUIRED)	<b>The Winter Preparedness Workshop for Texas Public Works Agencies and Utilities</b> John Turpin PE - City of Lubbock, Tim Merritt - City of Lubbock 0.3 CEUs					
	HIGHLIGHTED SESSIONS QUALIFY FOR CFM ACCREDITATION					
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