



# 26th Joint Engineering Societies Conference

Cajundome Convention Center—Lafayette, LA

February 2-3, 2022



Tuesday, February 1

5:00 PM—8:00 PM      LES & LEF Board Meetings

Wednesday, February 2

8:00 AM—4:30 PM      LES Registration

8:00 AM—8:30 AM      Continental Breakfast with Exhibitors

Blues      **WTP Rehab & Expansions - Lessons Learned**—Richard Ross, PE

Cajun/Gospel      **Complete Streets**—Mary Stringfellow

8:30 AM— 9:20 AM      Jazz      **Legislative Issues Affecting Engineering**—Randy K. Haynie, Ryan K. Haynie

Zydeco      **Cured in Place Lateral Lining**—Tommy Trapp

Exhibit Hall B      **Innovative Solutions to Geohazards with GSI as Your Design/Construction Partner**—Will Brantley

**9:20 AM—9:45 AM**      **BREAK IN EXHIBIT HALL A—Sponsored by Helical Concepts, Inc.**

Blues      **The Role of Experts in Litigation**—Mary Anne Wolf, PE

Cajun/Gospel      **Resiliency of High-Performance Polypropylene Pipe in Critical Drainage Systems**—Brandon E. Faciane, EI

9:45 AM - 10:35 AM      Jazz      **Sanitary Sewer Triage: A Cost-Effective Approach to Sewer Evaluation**—Josh Graham

Zydeco      **e-Construction Project Inspection Technology (HeadLight)** - Les Fletcher

Exhibit Hall B      **I-49 Lafayette Connector: Delivering a Major Project**—Timothy Nickel, PE

**10:35 AM - 11:00 AM**      **BREAK IN EXHIBIT HALL A—Sponsored by QSM**

Blues      **Cla-Val- Automatic Control Valves**—Glenn Schuster

Cajun/Gospel      **Isolation, Sealing and Leak Detection Solutions for Severe Service Piping Applications**—Jeffrey LeBlanc, PE, Ph.D.

11:00 AM - 11:50 AM      Jazz      **Utilizing Mobile LiDAR Technology for ADA Compliance**—Bradley S. Hollerman, PLS, EI

Zydeco      **Modeling Effort of the Watershed Initiative & Dam Safety**—Billy Williamson

Exhibit Hall B      **DOTD Right-of-Way Permits: Major Project Collaborations** —Toby D. Picard, PE

**12:00 PM - 1:30 PM**      **LES AWARDS LUNCHEON— Exhibit Hall B**

Blues      **How to Write a More Compelling Technical Report**—Chuck Roberts

Cajun/Gospel      **Horizontal Directional Drilling with Ductile Iron Pipe**—Allen H. Cox, PE

1:30 PM - 2:20 PM      Jazz      **Having Trouble Finding Qualified Workers? Overcome Personnel Issues with Technology**—Chris Cothron

Zydeco      **Promise Your Clients Standard of Care and Deliver Perfection**—Rashid Saber, Ph.D, CPHRM & Aziz Saber, Ph.D, PE, F.ASCE

Exhibit Hall B      **Traffic Engineering/Transportation Planning 101—What, When, Where and Why is it Important for Your Project?**—Alison Catarella Michel, PE, PTOE, PTP, RSP1

**2:20 PM - 2:40 PM**      **BREAK IN EXHIBIT HALL A**

Blues      **Professional Liability: Risk Drivers**—Wyatt Sanders, PE

2:40 PM - 3:30 PM      Cajun/Gospel      **Upgrading Lagoon Based Treatment Systems to Meet More Stringent Limits for BOD, TSS and Nutrient Removal**—Tom Birkeland, PE

Jazz      **Secure Wireless Communications to Enable New Technology Efficiencies**—Leo L. Holzenthal, Jr. & John Tav

Zydeco      **Process Fundamentals of Aerobic Granular Sludge**—Paula Dorn

Exhibit Hall B      **Overview of Recent Emergency Bridge Projects in Louisiana**—Chris Guidry

**3:30 PM - 3:50 PM**      **BREAK IN EXHIBIT HALL A**

3:50 PM - 4:40 PM      Exhibit Hall B      **Public Bid Law**—Brett Robinson

**4:40 PM - 6:00 PM**      **EXHIBITOR MEET N' GREET—Exhibit Hall A— Sponsored by Forterra Pipe & Precast & Wholesale Pump and Supply**



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## Thursday, February 3

8:00 AM—9:00 AM	Continental Breakfast with Exhibitors - Sponsored by Advanced Drainage Systems	
8:00 AM—12:30 PM	Registration	
8:00 AM—12:30 PM	Exhibit Hall Opens	
	Blues	Design Considerations for Marsh Creation Project Including Tidal Creeks and Tidal Ponds—Nick McCoy
	Cajun/Gospel	Subsurface Utility Engineering: Recent Developments & Upcoming Changes—Wilfred Barry, PE, PLS
8:30 AM— 9:20 AM	Jazz	Applications and Benefits of Large Diameter Steel Reinforced Polyethylene Pipe Technology—Justin Walton
	Zydeco	Buying Back Capacity of Your Gravity Collection Sewers—Spencer Tuell, PE
	Exhibit Hall B	National Bridge Inspection Program: Bridge Scour Monitoring—Lillie D. Carpenter, PE
9:20 AM - 9:40 AM	BREAK IN EXHIBIT HALL A—Sponsored by Advanced Drainage Systems	
	Blues	Standards of Practice—Shawn MacMenamin, PLS
	Cajun/Gospel	Subsurface Utility Engineering (SUE) Toolbox: Quality Level B and Quality Level A Tools —Zach Raley & Elliott Best
9:40 AM - 10:30 AM	Jazz	Automatic Transfer Switch (ATS) 101: Basics and Fundamentals—Jeff Aleksic
	Zydeco	UAV LiDAR for Engineering Services—Nicholas Boone
	Exhibit Hall B	Roadway Management Technologies: Crowd Source Technology Provides Real Time Pavement Performance Analytics—Candler McCollum
10:30 AM - 10:50 AM	BREAK IN EXHIBIT HALL A	
	Blues	Helical Pile Design: Special Topics: Expansive Soil & Elevated Homes—Moncef Souissi, Ph.D.
	Cajun/Gospel	Proper Grounding for Improved Electrical Reliability—Ben Humphries & Bruce Ayres
10:50 AM - 11:40 AM	Jazz	Know What's Below. Call or Click 811 Before You Dig—Cole Vanderlick
	Zydeco	The ABC's of VFD's—Jeff Bergman
	Exhibit Hall B	The Use of Traffic Engineering Reports in Planning and Design —Ryan Hoyt, PE
11:40 AM - 12:00 PM	BREAK IN EXHIBIT HALL A—Sponsored by Forterra Pipe & Precast & D&W Systems/MMG	
12:00 PM - 12:50 PM	Exhibit Hall B	Lunch-N-Learn— Louisiana Code of Governmental Ethics—Kim Raines Chatelain, Esq., CIG, CFE, CIGE
1:00 PM - 1:50 PM	Exhibit Hall B	Professionalism and Ethics in Engineering—Jeff Pike, PE
2:00 PM - 2:50 PM	Exhibit Hall B	LAPELS Panel Discussion— Jeff Pike, PE, Chris Richard, PE, Chad Vosburg, PE, Edgar Benoit, PE, Connie Betts, PE, Reggie Jeter, PE, Linda Bergeron, PE, Byron Racca, PE, Janice Williams, PE