



The [Louisiana Parish Engineers and Supervisors Association \(LPESA\)](#) brings you the **LPESA Virtual Showcase 2021**, a monthly series of eLearning opportunity hosted by the [Louisiana LTAP Center](#).

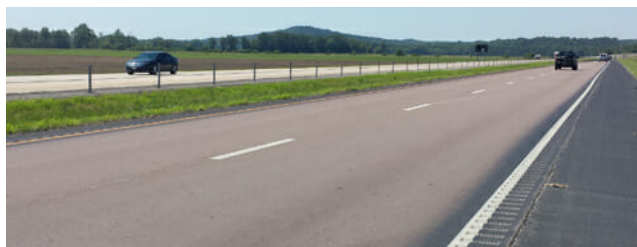
LPESA Virtual Showcase is designed to provide professional development and networking opportunities for the LPESA members, associate members and partner organizations. Each month, we bring in a subject matter expert to share valuable information on relevant program(s), product(s), tools(s) and/or service(s) that may be of interest to the LPESA group and local communities across Louisiana.

Topics include, but not limited to, public works, emergency preparedness, road safety, worker safety, road maintenance, construction, pavement preservation, railroad safety, local bridges, and more. *Participants will receive 1 PDH for each session attended.*

**REGISTER for any or all of the 2021 showcases here:**

<https://registration.ltrc.lsu.edu/courses/view?id=153>

**IMPORTANT NOTE:** Make sure you log in to your [LTRC training profile](#) in order to register. You will receive a Zoom link to the meeting room in your registration confirmation email.



**November 19, 2021 10:00 -11:00 A.M. (CST)**

### **The Basics of Pavement Preservation**

Presenter: Chris Evers, Technical Partner of Corrective Asphalt Materials and Executive Coordinator of the Florida Pavement Preservation Council

The Basics of Pavement Preservation will provide the audience with a clear understanding of the value of managing their pavements as long-term investments. The webinar will demonstrate the importance of applying asset management principles, will introduce pavement preservation terminologies, and will discuss the theory behind utilizing remaining service life (RSL).

# Previous showcases



**October 22, 2021** 10:00 -11:00 A.M. (CST)

## **Cintas State Contract: Creating a Safe and Healthy Work Environment**

**Presenter:**

**Eric McCalpine, Regional Government Account Manager, Cintas**

Cintas helps more than one million businesses of all types and sizes get READY(tm) to open their doors with confidence every day by providing a wide range of products and services that enhance our customers' image and help keep their facilities and employees clean, safe and looking their best. With products and services including uniforms, floor care, restroom supplies, first aid and safety products, fire extinguishers and testing, and safety and compliance training, Cintas helps customers get *Ready for the Workday*®

**September 23, 2021** 10:00 -11:00 A.M. (CST)

## **Advanced Measurements and Modeling**

**Presenter: Brad Holleman, Senior VP for Advanced Measurements & Modeling, Forte & Tablada**

[Forte and Tablada](#) will be discussing advancements in topographic data collection systems including UAV (drone) LiDAR, terrestrial laser scanning, multi-beam hydrographic surveying, and vehicle mounted LiDAR. Advanced measurement systems have gone beyond the surveying of old by providing reliable, accurate data sets for uses in design, monitoring, asset inventory, inspections and many more.



**August 26, 2021** 10:00 -11:00 A.M. (CST)

## **Flood Prevention: How Small Proactive Steps Avoid Expensive Disaster**

Presenter: John Novotny, Executive Technical Director, Hydra USA

*Hydra USA will present the existing technology in the flood prevention world and how it can easily be implemented on both temporary and permanent basis. The presenter will also explain the economics of flood prevention and how to change the paradigm amongst stakeholders. Insurance companies, municipalities, parishes and other mitigating agencies can benefit from implementing small proactive steps and preventative measures that avoid expensive disaster.*



**July 29, 2021** 10:00 -11:00 A.M. (CST)

## **Louisiana 811—Know What’s Below. Call or Click Before You Dig.**

Presenter: Cole Vanderlick, Manager-Damage Prevention, Louisiana 811

*Louisiana 811 is a nonprofit organization that provides a free service to excavators to help prevent damages to underground utilities and pipelines. Keep your employees safer by submitting a dig ticket at Louisiana811.com or by calling 811 between 2-5 business days before the commencement of excavation. It’s free and it’s the law!*



**June 25, 2021** 10:00 -11:00 A.M. (CST)

## **How to Upgrade Municipal Storm Drainage with High- Performance Polypropylene Pipe**

Presenter: Brandon Faciane, ADS Gulf Coast Region (LA/AR)

*Advanced Drainage Systems (ADS) Gulf Coast Region will discuss how to upgrade municipal storm drainage with high-performance polypropylene pipe. Louisiana DOTD recently added ADS HP Storm Polypropylene Pipe to Approved Materials List for up to 70 years of design service life on storm/cross/side drain applications for parish/city-funded projects statewide.*





**May 21, 2021** 10:00 -11:00 A.M. (CST)

## Louisiana DOTD's Specification for Internally Cured Concrete: The Key to 100-Year Service Life?

Presenter: Jeff Speck, FACI, Arcosa Lightweight

*Arcosa Lightweight, in support by the [Concrete and Aggregates Association of Louisiana \(CAAL\)](#), will present the science behind Internally Cured Concrete (ICC), review the draft DOTD specification and provide examples of the use of ICC in Louisiana and throughout the U.S. LA DOTD has drafted a new specification for ICC for use in the state's transportation structures to maximize the return on its infrastructure investments.*

**April 16, 2021** 10:00 -11:00 A.M. (CST)

## Survey Lite Using Mobile LiDAR and Panorama

**Videography:** *Preparing Accurate Strip Maps for AutoCAD, DGN, and ESRI*

Presenter: Wilfred Barry, SJB Group, LLC

*The [SJB Group](#) will demonstrate a surveying application using Mobile LiDAR and panorama videography with GPS observations in State Plane Coordinates. The end product is an array of strip maps of highway or/or utility rights-of-way surface features. These features are then digitized and drawn in 3D and can be provided in AutoCAD, DGN, or ESRI shape files. SJB Group calls this Survey Lite and costs a fraction of full blown conventional surveying. The accuracies are good for preliminary concepts and designs. Full surveying can then be concentrated on areas that need it, not the whole highway/utility corridor.*



**March 19, 2021** 10:00 -11:00 A.M. (CST)

## Onyx Surface Treatment Technology for Pavement Preservation

Presenter: Dave Welborn, Ingevity

*Ingevity, in partnership with [Ergon Asphalt & Emulsions](#), will demonstrate the technology behind Onyx surface treatment for pavement preservation. Onyx is a cost-effective mastic surface treatment technology designed and formulated to provide a durable, frictional protective seal to extend pavement life.*



**February 5, 2021** 10:00 -11:00 A.M. (CST)

## Bringing Rail Safety Education to Your Community

Presenter: Claude Maher, Louisiana Operation Lifesaver (LAOL)

The [Louisiana Operation Lifesaver \(LAOL\)](#) will share some resources about highway and rail crossing safety. You will also learn about programs and activities that can help local governments increase awareness on railroad safety in your local community.



**January 8, 2021** 10:00 -11:00 A.M. (CST)

## Culvert Slip-Line Rehabilitation & The InfraSteel System

Presenter: Alex Sherrod, Precision Pipe & Products, Inc.

This virtual showcase will feature one of LPESA's associate members, [Precision Pipes & Products](#). Topics will cover the common factors that lead to culvert deterioration, the significance of utilizing trenchless rehabilitation methods, and a review of the InfraSteel slip-liner system.



**December 11, 2020** at 10:00 -11:00 A.M. (CDT)

## Statewide Flood Control Program: When and How to Apply for Funding

Presenter: Billy Williamson, LADOTD

This virtual showcase will share the purpose, features, eligibility and two-step application process to get funding through the [Statewide Flood Control Program](#) administered by Louisiana Department of Transportation and Development (DOTD).