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TxLTAP January Newsletter

January 2025
Volume 3 Issue 4

TxDOT 101: Traffic



Discover how TxDOT engineer explains the flow of traffic and the role drivers play in keeping it moving. Explore how congestion mirrors the dynamics of a river and learn about innovative solutions like Texas Clear Lanes and modern intersection designs.

[Read More](#)



FHWA Focus: Proven Safety Countermeasures

FHWA's Proven Safety Countermeasures initiative (PSCI) is a collection of 28 countermeasures and strategies effective in reducing roadway fatalities and serious injuries on our Nation's highways.



2025 National Association of County Engineers Annual Conference

NACE's annual conference is set for April 14-17, 2025, in Schaumburg, Illinois. Secure your seat now by clicking the link below. This year's conference features 4 tracks:

- Safety & Technology
- Structures & Environment
- Pavement Preservation
- Emergency Preparedness

[Register Now!](#)



NCRRS: Rural Intelligent Transportation System Toolkit

Technology is transforming how people travel, communicate, and recreate, with rural road safety becoming increasingly critical due to disproportionately high fatality rates compared to urban areas. Intelligent Transportation Systems (ITS)

Transportation agencies are strongly encouraged to consider widespread implementation of PSCs to accelerate the achievement of local, State, and National safety goals. These strategies are designed for all road users and all kinds of roads—from rural to urban, from high-volume freeways to less traveled two-lane State and county roads, from signalized crossings to horizontal curves, and everything in between.

Each countermeasure addresses at least one safety focus area – speed management, intersections, roadway departures, or pedestrians/bicyclists – while others are crosscutting strategies that address multiple safety focus areas. [Search Proven Safety Countermeasures.](#)

[See Details](#)

Is Pothole Damage Really More Common During Winter?



[APWA Pothole Fact Sheet](#)

Potholes can pop up any time of year and are a common sight on roads. There are several reasons behind the formation of potholes which can be caused by nature and by road construction.

Most of the parking lots often develop deep divots and pockmarks in spring as a result of freeze and thaw action that follows winter.

Where Do Potholes Come From?

In winter just because of temperature fluctuation asphalt expand and contract. If the smaller holes or cracks are not filled, this is more likely to form potholes.

Most winter potholes are formed when water seeps inside the surface foundation. The water freezes inside and pushes the pavement of the surface upwards.

[Read More from Main Infrastructure](#)

offer practical solutions to enhance safety and reduce congestion in rural areas, especially where costly infrastructure upgrades are not feasible.

The 2018 Rural Intelligent Transportation System Toolkit provides 42 fact sheets addressing critical rural transportation needs, updated with current links in 2022 to maintain its relevance for transportation practitioners. These resources are categorized by topic to support effective rural transportation planning and safety initiatives.

[Safety Kit Resources](#)



Don't Miss Out- Check Out TxLTAP's Social Media!

View, follow, and share our social accounts. Stay up to date with TxLTAP!



See What TxLTAP's Up To, follow our Social Accounts!

Join the 2025

Road Safety Champion Program

SAFETY FIRST

Lead the Way in Road Safety with TxLTAP!

Advance your road safety knowledge and become a certified champion for safer communities.

Choose classes that fit your schedule, select ones that interest you, or complete the full program to earn certification—no obligation to finish the entire series. Sign up today! Courses consist of Virtual sessions combined with independent work time.

Choose your pathway!

Planning & Engineering or Maintenance & Construction

No cost to you! Invest in safety. Through TxLTAP, the Road Safety Champion Program is free for Texas City and County Employees.

Core Module + One Pathway = RSCP Certificate

Explore the program overview, schedule, and registration today!

[View Program Details Here!](#)

APWA Joins Launch of New Group to Bridge Public Works, Engineering Workforce Shortages



Washington D.C.— The world’s largest organization of public works professionals has worked with its longtime partner organizations to help bring together more than a dozen like-minded organizations to reduce the workforce shortage in the public works and engineering professions.

The Engineering Workforce Consortium, an offshoot of the American Public Works Association’s (APWA), the American Council of Engineering Companies’ (ACEC), and the American Society of Civil Engineers’ (ASCE) collaboration on the Engineering & Public Works Roadshow, **debuted** last week with the public signing of a memorandum of understanding.

EWC’s mission is to attract students and the next generation of professionals to the fields of engineering and public works, while retaining a talented workforce through programming and advocacy.

[Read more](#)

NEW* LTP406 Advanced Management Skills

Invest in Your Team, Invest in Success

In a sector where budgets are often tight, projects are technical, and the workforce is diverse, management training enhances decision-making, strategic planning, and problem-solving skills. It also supports succession planning by preparing emerging leaders, reducing turnover, and retaining valuable institutional knowledge. Through management training, public works departments can better address workforce challenges, maintain essential services, and improve resilience in the face of growing community demands.



Available in 2025, this new course offers a distinctive approach to management training, providing a valuable opportunity to advance and refine your skills as a manager or supervisor.

Designed to elevate your competencies in managing a public works workforce, this course is specifically tailored for city and county commissioners, supervising engineers, directors, managers, superintendents, crew leaders, and other professionals with a minimum of six months of supervisory experience.

It is recommended that attendees complete the LTP400 Managing Conflict in the Workplace, and LTP404 Basic Supervision and Management Skills, prior to attending this course.

Accepting Course Requests Now!



The 5-Stage Model used in this course is essential for creating a successful and sustainable workforce in public works. Each stage contributes to developing skilled, motivated, and well-prepared employees who can meet the unique challenges of public service effectively.

Together, these five stages create a workforce development model that not only attracts and retains talent but also fosters a productive, engaged, and future-ready team capable of delivering high-quality public works services.

Group Exercises:

End of Module 1: Communication skills exercise

End of Module 4: Time management and task prioritization exercise

End of Module 5: Project management exercise

End of Module 7: Presentation skills exercise

Where TxLTAP will be!

Visit Our booths!

Check out where TxLTAP will be at the following events!

TX-APWA 2025 Public Workshop and Equipment Roadeo



- **When:** February 10, 2025 - February 12, 2025
- **Where:** College Station, Tx

[Visit for More Information](#)

VG Young Institute School for County Commissioners Court



- **When:** February 18, 2025 - February 20, 2025
- **Where:** Brazos County Expo Center

[Visit for More Information](#)

Training Opportunity!

Join us later this month for our Entry Level Driver's Training Series!

ELDT Courses include:

- **LTP801: Train-the-Trainer**
Jan. 21, 2025
- **LTP802: Knowledge Assessment**
Jan. 22, 2025

Training Alert!
Contact TxLTAP to register for ELDT Training opportunities!

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ELDT TRAINING

Starting on
January 21, 2025
LTP801: Train-the-Trainer
8:00am - 5:00pm
Prerequisite: Must have CDL for 2 Years

January 22, 2025
LTP802: Knowledge
8:00am - 5:00pm

Free for Texas City and County employees

• txltap@uta.edu
• www.txltap.org

These trainings will be held at our UTA facility. Texas city and county employees are welcome to register for this free opportunity.

To register employees or team members contact TxLTAP and choose which date you're interested in.

Contact TxLTAP

Building a Better Mousetrap: Recognizing and Inspiring Innovation in Transportation Solutions **2024 Winners**



Identifying, documenting, and sharing innovative solutions not only fosters a sense of community but also cultivates a culture of creative problem-solving that is essential for addressing the complex challenges in transportation today.

The Federal Highway Administration (FHWA) proudly recognizes state, local, and tribal agencies that harness these innovative solutions to enhance their transportation programs through the esteemed annual Build a Better Mousetrap Program.

This initiative highlights the remarkable achievements of these agencies but also inspires others to think outside the box, promoting collaboration and knowledge sharing that ultimately strengthens our transportation systems for the benefit of all.

More from our Partners



[The Every Day Counts \(EDC\)](#) initiative by FHWA promotes innovations to accelerate highway project delivery, improve safety, and reduce costs with support for strategies.

[Build a Better Mousetrap \(BAM\)](#) program by the FHWA showcases innovative solutions to everyday challenges faced by local and tribal transportation professionals.



"Texas has lost at least one person every day on Texas roads since Nov. 7, 2000." Join TxDOT and Texans on ending the streak of daily deaths on our Texas roads. **#EndTheStreakTx**

HELP #EndTheStreakTX

End the streak of daily deaths on Texas roadways.

Move Over or Slow Down. Be Safe and drive smart. The state's Move over or Slow Down law enforces drivers to keep the roads safe for all. Drive Smart and Drive Safe! Keep Texas roadways and roadside workers safe.



Instructors Wanted

TxLTAP is currently seeking instructors with extensive **ASPHALT RELATED EXPERIENCE** and **METAL GUARD RAIL EXPERIENCE** who are capable of traveling to various locations across Texas. Your expertise will play a crucial role in delivering high-quality training to local transportation professionals.

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INSTRUCTORS WANTED

Are you looking for your next adventure in the great State of Texas?

TxLTAP IS LOOKING FOR EXPERTS IN:

- ✓ Work Zone
- ✓ Infrastructure
- ✓ Safety
- ✓ Heavy Equipment
- ✓ Management
- ✓ Flagging
- ✓ Environmental
- ✓ Electrical

Email Your Resume and Letter of Interest to:
TxLTAP@uta.edu



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Interested Candidates

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Contact Us
817-272-2581



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