



Road Safety Champion

2025 - 2026

UTA

Extension and Extended Campus

- TxLTAP -

Lead the Way in Road Safety

**A Foundational Training
Series for Roadway
Safety Advocates**

Empowering public works
professionals with the
knowledge and skills to
build safer roads and
stronger communities.

**TxLTAP | National Center for
Rural Road Safety**

Table of Contents

About the Road Safety Champion Program	4
Who Should Attend	4
<hr/>	
Program Overview	5
Course Overview	5
Certification	6
Participant Requirements	6
Class Format	7
Benefits of Participation	7
Registration Details	7
<hr/>	
Course Schedule	8
Session 2 Schedule	8
<hr/>	
Course Descriptions	9
Core Modules	9
Planning & Engineering	11
Maintenance & Construction	14
<hr/>	
Final Notes and Support	17

ROAD SAFETY CHAMPION PROGRAM

UTA
Extension and Extended Campus

- TxLTAP -

The Road Safety Champion Program (RSCP) is a nationally recognized certificate program designed to develop a knowledgeable, safety-focused workforce responsible for operating, maintaining, and designing local roads. The RSCP prioritizes safety and aims to implement improvements that reduce fatalities and serious injuries. The program consists of seven core modules and two career-focused pathways. All participants must complete the core modules to establish a strong foundation in roadway safety. Upon finishing the seven core modules and one pathway, individuals will earn the Road Safety Champion Program Certificate from the National Center for Rural Road Safety, along with a digital badge from TxLTAP.

Core Module + One Pathway = Road Safety Champion Certificate

CORE MODULES

- ✓ Introduction to Road Safety
- ✓ Understanding Human Factors
- ✓ Introduction to Traffic Safety Culture
- ✓ Overview of the MUTCD
- ✓ Intersection of Transportation with Public Health and Law Enforcement
- ✓ Reading the Roadway
- ✓ Safety Analysis Process

MAINTENANCE & CONSTRUCTION PATHWAY

Maintaining a Safer Roadway
Work Zones
Worker Safety
Traffic Incident Management
Take Action Now - Maintaining Safety
Work Zone Construction Site Safety (OSHA 10)
Flagger Certification

PLANNING & ENGINEERING PATHWAY

Countermeasures for Road Safety
Work Zones
Overview of Local Road Safety
Overview of Data and Tools for Safety
Crash Reporting
Systemic Safety Project Selection Tool

Road Safety
Champion
Certificate



Earn a Road Safety Champion Certificate through TxLTAP!

ROAD SAFETY CHAMPION PROGRAM

About the Program

The Road Safety Champion Program (RSCP) equips Texas city and county employees with essential skills to promote safer roads and reduce roadway fatalities. Offered in collaboration with the National Center for Rural Road Safety, this training program is free of charge through TxLTAP (Texas Local Technical Assistance Program).

Participants can take part in individual courses or work toward full RSCP certification. To earn the RSCP Certificate, participants must complete all seven Core Module classes, plus all courses in one of two specialized pathways:

- **Planning & Engineering (PE)**
- **Maintenance & Construction (MC)**

Full certification is not required to participate. Texas City and County employees interested in specific topics are welcome—and encouraged—to register for any course without committing to the entire program.

RSCP courses are delivered in a blended format that combines live, instructor-led Zoom sessions with independent online learning. Assignments may include videos, short readings, and quizzes that reinforce core concepts. Some courses, like Work Zone Safety, are offered in person. This interactive structure allows participants to apply what they've learned right away and collaborate with peers and instructors in real-time discussions.

Understanding road safety goes far beyond signs and signals—it requires insight into how road conditions, driver behavior, and infrastructure interact. The RSCP addresses these complexities, helping public employees play a vital role in reducing serious injuries and fatalities on Texas roadways.

Who Should Attend

This program is ideal for professionals in transportation, public health, and law enforcement who are involved in roadway safety. This includes those working in construction, maintenance, traffic operations, planning, incident response, or safety outreach. Whether you're a planner, engineer, patrol officer, or public health advocate, the RSCP is designed for anyone committed to making roads safer.

PROGRAM OVERVIEW

Each RSCP session has its own start date and registration deadline. Participants must register in advance for the session they wish to attend. To be eligible for certification, individuals must successfully complete all seven Core Modules and all courses within their selected pathway. The program is flexible—participants may register individually and are not required to complete all courses in one continuous session. Instead, they can select and complete courses across multiple RSCP offerings. Since each course has its own registration deadline, early registration is encouraged to secure a spot before the class begins.

Each course is limited to 30 participants. However, waitlists or additional accommodations may be available if needed. For group registration, departments may enroll up to six team members per course. If more than six individuals from a team need to register, please contact txltap@uta.edu for assistance. All participants must register using a valid Texas city or county email address, and registration must be completed prior to the course start date.

Course Overview

Core Modules	Planning & Engineering	Maintenance & Construction
Intro to Road Safety	Countermeasures for Road Safety	Maintaining a Safer Roadway
Understanding Human Factors	Work Zones	Work Zones
Intro to Traffic Safety Culture	Overview of Local Road Safety Plans	Worker Safety
Overview of the MUTCD	Overview of Data and Tools for Safety	Traffic Incident Management
Intersection of Public Health and Law Enforcement	Joint Training on Crash Reporting (with Law Enforcement)	Take Action Now - Maintaining Safety
Reading the Roadway	Systemic Safety Project Selection Tool	OSHA 10
Safety Analysis Process		Flagger Certification

PROGRAM OVERVIEW

Certification

Participants who complete the full Road Safety Champion Program—consisting of all seven Core Modules and all courses within their selected specialty pathway (either Planning & Engineering or Maintenance & Construction)—will be awarded a nationally recognized certificate, issued in partnership with the National Center for Rural Road Safety. This certification acknowledges a participant’s commitment to advancing road safety knowledge and skills within their role.



Participation Requirements

To ensure program success and eligibility for certification, participants must meet the following requirements:

- **Attendance:** Participants must attend all classes they register for.
- **Pathway Selection:** Participants looking to complete the program must choose one specialty pathway—either Planning & Engineering **OR** Maintenance & Construction—and complete all the associated courses.
- **Verification of Previous Classes:** RSCP classes previously completed by participants remain valid for up to four years from the date of completion. Participants must verify any completed courses with TxLTAP during registration to ensure they meet certification requirements.
- **Eligibility:** The program is free and available exclusively to employees of Texas cities and counties. A valid city or county email address is required to register.

For questions or more information, participants can contact txltap@uta.edu.

PROGRAM OVERVIEW

Class Format

The Road Safety Champion Program offers both **virtual training** and select **in-person training**. See the course schedule below to determine the format for each class.

- **Virtual Training**

These classes are conducted through Zoom and hosted by our RSCP instructor and facilitators. Course assignments, and training module will be provided through an online platform, where participants can access content, complete tasks, and track their progress.

- **In-Person Training**

Select classes are offered in-person only and are held at select training sites. See individual course description below for course details. TxLTAP will provide additional information on the training location once they are determined.

Benefits of Participation

This program is more than just a training series—it's an investment in workforce safety, professional development, and community impact. By participating, individuals and their agencies gain valuable benefits.

- Build essential roadway safety skills.
- Strengthen your résumé and support career advancement.
- Contribute to a safer work environment and community.
- Participate at **no cost** for Texas city and county employees.
- Gain a nationally recognized certificate upon completion.

Registration Details

To register, view the program schedule below and follow the links to the courses you're interested in. You can register in one of three ways:

- Click the course links in this document to go directly to each registration page.
- Visit our website at txltap.org and select your course from the list.
- Use the course search tool at www.uta.edu/ded/pwi by entering the course code (e.g., 26LTPCM1002).

COURSE SCHEDULE

Road Safety Champion Schedule: Session 2

October, 2025 - January, 2026

SESSION	DATE	COURSE	FORMAT	COURSE CODE
Core Modules	Oct. 7, 2025	Intro to Road Safety	Virtual	<u>26LTPCM1002</u>
	Oct. 14, 2025	Understanding Human Factors	Virtual	<u>26LTPCM2002</u>
	Oct. 21, 2025	Intro to Traffic Safety Culture	Virtual	<u>26LTPCM3002</u>
	Oct. 28, 2025	Overview of the MUTCD	Virtual	<u>26LTPCM4002</u>
	Nov. 4, 2025	Intersection of Public Health and Law Enforcement	Virtual	<u>26LTPCM5002</u>
	Nov. 10, 2025	Reading the Roadway	Virtual	<u>26LTPCM6002</u>
	Nov. 18, 2025	Safety Analysis Process	Virtual	<u>26LTPCM7002</u>
Planning and Engineering	Nov. 25, 2025	Countermeasures for Road Safety	Virtual	<u>26LTPPE1002</u>
	TBD	Work Zones	in-person	TBA
	Dec. 2, 2025	Overview of Local Road Safety Plans	Virtual	<u>26LTPPE3002</u>
	Dec. 9, 2025	Overview of Data and Tools for Safety	Virtual	<u>26LTPPE4002</u>
	Dec. 16, 2025	Joint Training on Crash Reporting	Virtual	<u>26LTPPE5002</u>
	Jan. 6, 2025	Systemic Safety Project Selection Tool	Virtual	<u>26LTPPE6002</u>
Maintenance and Construction	Jan. 13, 2026	Maintaining a Safer Roadway	Virtual	<u>26LTPMC1002</u>
	TBD	Work Zones	in-person	TBA
	Jan. 20, 2026	Worker Safety	Virtual	<u>26LTPMC3002</u>
		Traffic Incident Management	Multi	Through NHI or TxLTAP
	Jan. 27, 2026	Take Action Now - Maintaining Safety	Virtual	<u>26LTPMC5002</u>
	TBD	OSHA 10	TBA	TBA
	TBD	Flagger Certification	in-person	TBA

COURSE DESCRIPTIONS

Core Modules (CM)

CM1 - Introduction to Road Safety

This training provides an overview of safety trends, an understanding of the national safety vision, and discusses the principles of a comprehensive safety program. It will also discuss the importance of prioritizing safety and how an individual can become a Road Safety Champion.

Agenda

- Lesson 1 – Defining the Impact of Road Safety
- Lesson 2 – Factors in Road Safety
- Lesson 3 – Jurisdictional and Geographical Differences
- Lesson 4 – National Safety Efforts
- Lesson 5 – Collaborative Techniques for Safety

CM2 – Understanding Human Factors

This workshop will provide an overview of human factors principles and a framework for crash analysis. It will allow the non-expert in human factors to more effectively bring consideration of the road user's capabilities and limitations into policies and practices. Knowing how road users interact with their vehicle, the roadway and other road users can also provide useful insights to the process of crash analysis. A framework for crash analysis will be introduced that helps make best use of available safety data and supporting documentation to identify factors that contribute to crashes.

Agenda

- Lesson 1 – Recognizing the Human in Human Factors
- Lesson 2 – User Capabilities and Demands
- Lesson 3 – User Centered Practices

CM3 – Introduction to Traffic Safety Culture

This workshop introduces growing positive traffic safety culture to significantly improve road safety in America. Participants will leave the training with a better understanding of the elements that shape traffic safety culture, how those factors interact to affect behaviors related to traffic safety, strategies that can be -

COURSE DESCRIPTIONS

implemented to improve traffic safety culture among various groups, and ideas about how they can leverage their role (and the role of others) in growing a positive traffic safety culture. The workshop's goal is to provide a high-level overview of traffic safety culture and strategies to foster improved traffic safety culture.

Agenda

Lesson 1 – Traffic Crashes: Prevalence, Trends and Costs

Lesson 2 – Human Behavior and Beliefs

Lesson 3 – Traffic Safety Culture

CM4 – Overview of the MUTCD

Traffic control devices (TCDs) are very critical for the safe and efficient transportation of people and goods. The Manual on Uniform Traffic Control Devices (MUTCD), by setting minimum standards and providing guidance, ensures uniformity of traffic control devices across the nation. The use of uniform TCDs (messages, locations, sizes, shapes, and colors) helps reduce crashes and congestion, and improves the efficiency of the surface transportation system. Uniformity also helps reduce the cost of TCDs through standardization. This workshop places emphasis on MUTCD – Part 6, Temporary Traffic Control, as well as signage and markings on low volume roads.

Agenda

Lesson 1 – Introduction to the MUTCD

Lesson 2 – Traffic Control Devices

Lesson 3 – Highway Traffic Signals

CM 5 – Intersection of Transportation with Public Health and Law Enforcement

This workshop highlights the need for transportation, public health and law enforcement agencies to work together on the road to zero and developing strategies to achieve zero deaths on our roadways. This workshop raises awareness about how law enforcement and public health are intertwined in transportation safety, and how their collaborative efforts will make our roadway safer.

Lesson 1 – Importance of Transportation Safety

Lesson 2 – Intersection of Disciplines in Transportation Safety

Lesson 3 – Collaborative Approach Strategies

COURSE DESCRIPTIONS

CM6 – Reading the Roadway

This workshop teaches participants how to “read the road” as well as the importance of doing so in daily activities. It uses real world examples on different roadway components to demonstrate how participants may be able to uncover potential safety issues during their routine activities. It also highlights how the road safety audit process can be used to “read the road” in a more formal approach. The training also examines the consequences daily activities of workers may have on safety.

Agenda

Lesson 1 – Reading the Road Introduction

Lesson 2 – Road Safety Audits

Lesson 3 – Road Safety Audit Case Study

CM7 – Safety Analysis Process

The safety analysis process, as part of the FHWA Safety Toolkit, is a systematic process for identifying the factors that can contribute to crashes and implementing effective countermeasures. It is a best practice method that is flexible and can be used to fit your needs. This workshop will cover the seven-step process and discuss how it can be applied using two different complementary analysis methods: the traditional site safety analysis and the systemic analysis. Additionally, case studies will be utilized to practice applying the process.

Agenda

Lesson 1 – Safety Analysis Process

Lesson 2 – Traditional Site Analysis

Lesson 3 – Systemic Networking Screening

Planning & Engineering Pathway

PE1 – Countermeasures for Road Safety

Road safety countermeasures are actions taken to improve transportation safety and therefore decrease the number of injuries and fatalities. These countermeasures can consist of infrastructure, behavioral, or programmatic/policy implementation. This workshop will provide an overview of safety countermeasures applicable to local roads with an emphasis on low-cost practices. Discussions include

COURSE DESCRIPTIONS

Crash Modification Factors (CMFs), systemic safety analysis, and factors for evaluating and selecting countermeasures.

Agenda

Lesson 1 – Background, Countermeasure Types, Crash Modification Factors & Systemic Safety Analysis

Lesson 2 – Roadway Departure, Speed Management, and Cross-cutting Countermeasures

Lesson 3 – Intersection, Pedestrian & Bicycle and NHTSA Countermeasures

PE2 - Work Zones (in-person)

LTP 100 Work Zone Safety: Temporary Traffic Control - 4 hours

This course is designed to serve as an introduction/overview of established traffic control guidelines for maintenance activities and other short-term operations. It is intended for field personnel responsible for the planning, selection, application, and operation of short-term work zones. It addresses the needs of a broad audience: maintenance crews, utility crews, construction personnel, state and local agency staff, and any individual who will work in or near a highway right-of-way. The course covers elements of temporary traffic control found within Chapter 6 of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) such as components of a work zone and their respective requirements, proper application of devices, worker safety, and the use of typical applications most often utilized in short term operations.

PE3 – Overview of Local Road Safety Plans

Local road practitioners across the country play a critical role in addressing crash risks at the local level and may be able to identify the specific or unique conditions that contribute to crashes within their jurisdiction. The Local Road Safety Plan (LRSP) offers a foundation for consensus and focus and helps communities take a proactive stance in reducing and preventing local road fatalities and injuries. This workshop will provide an overview of Local Road Safety Plans (LRSP) including how they support safety efforts, the steps to developing a LRSP, and the strategies for implementing a LRSP.

COURSE DESCRIPTIONS

Agenda

Lesson 1 – What is a Local Road Safety Plan (LRSP)

Lesson 2 – Benefits of LRSP

Lesson 3 – Steps to Develop LRSPs

Lesson 4 – Successful LRSP Implementation Strategies

PE4 – Overview of Data and Tools for Safety

Transportation professionals use a data driven approach to safety. In this two-hour training, learn about the different types of data, data challenges for local agencies, and the various tools available for network screening. Discussions include Highway Safety Manual, usRAP, Road Safety Audits, Systemic Safety Project Selection Tool, and Crash Tree Maker.

Agenda

Lesson 1 – Overview of Safety Data

Lesson 2 – Tools for Data Analysis

PE5 – Joint Training on Crash Reporting (with Law Enforcement)

This workshop provides an overview of crash reports from the perspective of both law enforcement and transportation agencies [using the data for planning and design] and how the agencies can work together to ensure consistency and quality. The workshop examines how crash data is used by traffic engineers and planners. It wraps up with explaining the challenges that crash reports create for law enforcement officers.

Agenda

Lesson 1 – Safe System Paradigm and the Role of Law Enforcement

Lesson 2 – Crash Reporting Process, Data and Reporting Data

Lesson 3 – Crash Data Issues and Challenges

PE6 – Systemic Safety Project Selection Tool

This workshop introduces participants to the Systemic Safety Project Selection Tool as well as give them an overview of why systemic screening is needed and the benefits of incorporating systemic screening into safety evaluations. Participants -

COURSE DESCRIPTIONS

will be introduced to the four-step systemic planning process and be given the chance to apply each step using case studies and exercises.

Agenda

Lesson 1 – Introduction to Systemic Safety

Lesson 2 – Systemic Safety Project Selection Process

Maintenance & Construction Pathway

MC1 – Maintaining a Safer Roadway

Local agency maintenance forces are in the best position to be the “eyes and ears” of the road when it comes to identifying safety issues. This workshop focuses on maintenance safety solutions that local maintenance forces can implement daily to address safety issues related to elements such as shoulder drop-offs, right-of-way obstructions, striping and signing, guardrails, mowing, sweeping, patching, drainage, winter maintenance, etc. It includes a case study that highlights the benefit of effective maintenance and design practices.

Agenda

Lesson 1 – Traffic Safety as a Major Concern

Lesson 2 – Promotion of Safety through Policy and Procedure Changes

Lesson 3 – Maintenance Tasks, Safety Concerns and Potential Responses

MC2 - Work Zones (in-person)

LTP 100 Work Zone Safety: Temporary Traffic Control - 4 hours

This course is designed to serve as an introduction/overview of established traffic control guidelines for maintenance activities and other short-term operations. It is intended for field personnel responsible for the planning, selection, application, and operation of short-term work zones. It addresses the needs of a broad audience: maintenance crews, utility crews, construction personnel, state and local agency staff, and any individual who will work in or near a highway right-of-way. The course covers elements of temporary traffic control found within Chapter 6 of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) such as components of a work zone and their respective requirements, proper application of devices, worker safety, and the use of typical applications most often utilized in short term operations.

COURSE DESCRIPTIONS

MC3 – Worker Safety

Building roads and bridges can be dangerous. Each year about 7,500 highway construction workers get hurt or sick. More than 80 highway construction workers are killed on the job. Our work doesn't have to be dangerous. The "Worker Safety" half-day workshop raises awareness about the primary hazards in roadway construction followed by industry recognized practices for preventing serious injuries and fatalities in roadway construction. We wrap up the training discussing common health hazards workers are exposed to in highway construction and ways to mitigate them. Take a safety moment, and spend four hours with Catlett Engineering as they raise your awareness about ways to make your workplace safer.

Agenda

Lesson 1 – Safety Programs – Hierarchy of Controls
Lesson 2 – Primary Hazards in Roadway Construction
Lesson 3 – Roadway Construction Hazard Prevention
Lesson 4 – Health Hazards / Health Hazard Prevention

MC4– Traffic Incident Management

LTP 700 Traffic Management for First Responders - 6 Hours

The Texas population and economic growth have significantly increased the number of vehicles, especially commercial vehicles, on its roads. This results in an increase in primary incidents which in turn heightens the chance of secondary incidents. These secondary incidents can be as deadly and destructive as the initial situation. An appropriate traffic control response by first responders can make a significant difference in the probability of a secondary incident. This SHRP2 National Traffic Incident Management Responder Training based course provides first responders with the knowledge needed to ensure a wellcoordinated response to traffic incidents that achieves faster clearance and improved safety for both responders and motorists. This course is eligible for TCOLE, TCFP, TX DSHS EMS, or TDLR TOWING continuing education credits

- Also Available through NHI - Online

COURSE DESCRIPTIONS

MC5 – Take Action Now – Maintaining Safety

To reach the national goal of zero transportation officials cannot wait for something to happen before taking action. Maintenance and construction workers who are on the road daily provide a great asset to help identify potential safety issues. This workshop will focus on maintenance safety solutions construction and maintenance personnel can implement on a daily basis. It will focus on safety issues related to signs and supports, vegetation control and drainage features, using the FHWA documents: Vegetation Control for Safety, A Guide for Local Highway and Street Maintenance Personnel, Maintenance of Drainage Features for Safety, A Guide for Local Street and Highway Maintenance Personnel and Maintenance of Signs and Sign Supports: A Guide for Local Roads Maintenance Personnel as the basis.

Agenda

Lesson 1 – Maintenance of Signs and Sign Supports

Lesson 2 – Vegetation Control for Safety

Lesson 3 – Maintenance of Drainage Features

MC6 – OSHA 10

LTP 401 Work Zone Construction Site Safety - 12 hours

This course is designed to concentrate on activities which generate the highest level of accidents and injuries in road construction and maintenance work zones. It will help participants recognize unsafe work practices and reduce or eliminate hazards from the work environment. The training reinforces components of proper work zone traffic control and flagging and includes all required content for the OSHA 10-Hour Outreach Construction Card: Fall Protection, Electrical, Struck By, Caught in/Between - Heavy Equipment, Health Hazards in Construction, Material Handling, Hand and Power Tools, Excavations, Stairways and Ladders, Communication, and more.

MC7 – Flagger Certification

LTP 300 Flagger Training - 4 hours

This course is intended for individuals who will be performing or engaging in flagging duties on construction/maintenance projects. The course will provide a better understanding of the important duties involved with flagging on a project. Individuals successfully completing this course will receive a Qualified Flagger wallet card valid for a period of 4 years.

Final Notes and Support

Contact TxLTAP for Assistance

For any questions related to the Road Safety Champion Program or assistance with registration, please reach out to TxLTAP:

Email: txltap@uta.edu

Join us in making Texas roads safer—sign up for the Road Safety Champion Program today!

