

# Upcoming LTAP Training Sessions



## LTAP Course Schedule

Conducting Sign Retroreflectivity Inspections	3/21/17	08:00 AM – 12:00 PM	Mansfield Firehall (Mansfield, PA)
Roadside Safety Features	4/4/17	08:00 AM – 3:00 PM	Montrose Borough Building (Montrose, PA)
Intersections	4/6/17 5/2/17	08:00 AM- 3:00 PM 08:00 AM – 3:00 PM	Mansfield Firehall (Mansfield, PA) Tunkhannock Township Building (Tunkhannock, PA)
Equipment & Worker Safety	4/13/17	08:00 AM – 12:00 PM	Tunkhannock Township Building (Tunkhannock, PA)
Signs & Safety Features for Bridges/Culverts	5/3/17	08:00 AM – 12:00 PM	Montrose Borough Building (Montrose, PA)

**Course Description: Conducting Sign Retroreflectivity Inspections:** The Federal Highway Administration (FHWA) has established new rules about traffic sign maintenance, asset management, and retroreflectivity standards. The LTAP Conducting Sign Retroreflectivity Inspections course will instruct municipal staff on these requirements, reinforce the value of a useful traffic sign asset management system, and demonstrate the tools and techniques available for measuring traffic sign retroreflectivity. Further, the course will present the concepts of luminance and retroreflectivity, providing a foundation for understanding the value of certain testing and measuring methods.

**Intended Audience:** Local government officials responsible for installation, maintenance, and inspection of traffic signs, roadway safety, and asset management. This includes traffic technicians, public works directors, supervisors, roadmasters, and crew responsible for traffic signs.

**Course Description: Roadside Safety Features:** Roadside Safety Features will provide information and resources for municipalities to understand the importance of roadside safety and to be able to determine the most appropriate countermeasures. This class is not a design class but will focus on practical applications of roadside safety concepts. For example, it will follow the common theme for roadside hazard identification and improvement: hazard removal, relocation, make breakaway, shield, and delineate. Therefore, it will cover low cost improvements (pavement markings, delineators, chevrons) and higher cost (barriers). Information on guiderail warrants, types, and end treatments will be presented.

**Intended Audience:** Individuals responsible for maintaining roadsides and identifying safety problems and potential solutions, including: roadmasters, street superintendents, public works employees. Others who would benefit from this course include: law enforcement personnel, and elected officials. This is not a design class, so engineers are welcome to attend, but the focus is on the non-engineer.

**Course Description: Intersections:** This course provides participants with 1) a basic understanding of intersection safety issues, 2) “How to” information for common safety tasks and low cost safety improvements that do not require an engineer, and 3) background information on safety tasks that DO require an engineer. This workshop also outlines areas where non-engineers can assist traffic engineers in the safety process, and help them to understand when an engineer needs to be consulted to make a safety related change at an intersection. This workshop is only intended to address existing roads; proposed roads are not considered because it is assumed that an engineer will be involved in design and planning of those. This program is not intended to make traffic engineers out of the general public.

**Intended Audience:** Individuals conducting engineering and traffic studies and those responsible for identifying safety problems and potential solutions including: law enforcement personnel, roadmasters, and street superintendents. Others who would benefit from this course include: elected officials, public works employees municipal managers. Engineers are welcome to attend, but the focus is on the non-engineer.

**Course Description: Equipment & Worker Safety:** This course provides a basic understanding of common safety factors and practices associated with public works road maintenance operations. Specific operations discussed include trench excavation, crack sealing with hot asphalt, mowing and chain saw use, as well as winter maintenance. It provides an overview of why accidents happen and how to protect personnel through the use of personal protective equipment. Work place awareness is stressed with emphasis on chemical safety, environmental hazards and vehicle and equipment safety issues. The importance of having a formal safety program in place and how to establish an effective program is discussed.

**Intended Audience:** Individuals who are performing maintenance, construction, or traffic control on municipal roadways including: roadmasters, crew foremen, equipment operators and laborers. Others who would benefit from this course include: municipal managers and elected officials to understand the importance and for budgeting purposes.

**Course Description: Signs & Safety Features for Bridges/Culverts:** The LTAP Signs and Safety Features for Bridges/Culverts course will demonstrate the importance of effective and consistent signs, pavement markings, and delineation in advance of and at bridges/culverts. The course will discuss the regulations governing signing, pavement markings, and other traffic control devices (TCDs) and will explain the application and placement of TCDs. The course will also describe the different types of safety features (such as guide rail and other barriers) at bridges/culverts. Students will learn about the warrants for the use of the safety features, placement criteria, and end treatments.

**Intended Audience:** Local government officials responsible for roadway safety, asset management, project planning, and inspection of roadway improvement projects. This includes public works directors, supervisors, roadmasters, and foremen.

**If interested in attending the training session please contact:  
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