Low Cost Safety Improvements
A CT Safety Academy Program Workshop
OR
A CT Local Traffic Authority Program Elective Workshop

This course provides a comprehensive presentation of low-cost, ready-to-use improvements that enhance the safety of highways and covers a synthesis of countermeasures and their associated crash reduction factors identified in the “AASHTO Strategic Highway Safety Plan — NCHRP 500 Guidebooks.”

Countermeasures for specific areas of highway safety, including: roadside hazards; signing, markings, and lighting; traffic control devices; intersections; traffic signals; and railroad grade crossings are discussed. The course introduces recent low-cost safety improvements that have been developed by states and local engineers. Through exercises, participants learn how to analyze highway safety situations and apply appropriate countermeasures to those situations.

Who Should Attend
This program is designed for local, state, and federal transportation, traffic and safety engineers, and planners involved in reducing crashes.

Directors of Public Works and Local Traffic Authorities are encouraged to attend.

Date & Location
May 5, 2020
Farmington, CT

Session is 8:30am—3:30pm
(Registration begins at 8:00am)
Lunch will be provided.
Course Instructor

John McFadden is a Safety and Geometric Design Engineer with the Federal Highway Administration (FHWA). He has been with FHWA since 2001, previously serving as Technical Director for Safety Research and Development. His areas of expertise include: geometric highway design, highway safety analyses, and statistical analysis. Prior to joining FHWA, John served as an Assistant Professor of Civil and Environmental Engineering at the University of Alabama.

Learning Objectives

Upon completion of this class, participants will know how to:

- Identify appropriate engineering countermeasures from crash patterns.
- Recognize deficiencies in operation/design and select appropriate countermeasures for roadside hazards.
- Recognize deficiencies in safety performance of signing, markings and lighting.
- Recognize deficiencies in operation/design of intersections.
- Recognize deficiencies in operation/design of traffic signals.
- Recognize deficiencies in operation/design of railroad grade crossings.
- Illustrate new and innovative low-cost safety improvement measures developed by State DOTs.

Registration

- Please visit [www.t2center.uconn.edu](http://www.t2center.uconn.edu) to register for this class online.

  - **Registration contact**: Please direct any questions to Lisa Knight at [lisa.knight@uconn.edu](mailto:lisa.knight@uconn.edu) or call (860) 486-4396.

- **Free**: No registration fee is charged for this class. This training opportunity is offered by the CT Training & Technical Assistance Center’s Connecticut Safety Academy.

  - Registrations will be accepted on a first come, first served basis.

  - Approximately one week prior to the class, you will receive an email confirmation of your attendance, along with the address of the workshop location.

  - If you require an accommodation to participate in this workshop, please contact Lisa Knight at [lisa.knight@uconn.edu](mailto:lisa.knight@uconn.edu) or call (860) 486-4396.

- Please advise if you have dietary restrictions.

- Photographs may be taken for promotional and training purposes. Please notify us during registration if you do not wish to be photographed.