



COURSE NUMBER

FHWA-NHI-137044

COURSE TITLE

Improving Highway Safety with Intelligent Transportation Systems (ITS)

This is a two-day course aimed at increasing awareness of the potential to gain highway safety improvements through the deployment of Intelligent Transportation System (ITS) technologies at the highway system, mainstream (highway improvement project) and stand alone project level, and accelerate the introduction and evaluation of ITS applications by increasing the recognition of their contribution to making highways safer. Furthermore, the course surveys the participants on their experiences deploying ITS for highway safety improvements and reviews procedures and requirements of safety strategic planning and the ITS deployment process.

OUTCOMES

Upon completion of the course, participants will be able to:

- Discuss participant's highway safety challenges and triumphs
- Identify general uses of ITS to improve highway safety
- Identify and discuss USDOT ITS initiatives
- List, describe, discuss, and extract four highway safety priority areas specific to state or local highway/street agencies
- Identify and demonstrate how ITS can contribute to improved highway safety and traffic operations through a work zone
- Identify and discuss the current status of highway safety and the need to continuously improve highway safety programs
- Identify and discuss ITS-supported countermeasures that can be employed to address highway safety priority areas identified in the participant's jurisdictions
- Identify and discuss organizational and individual-level actions for potential ITS and Safety collaboration in the future at the planning level and necessary activities to enable the actions

TARGET AUDIENCE

The Improving Highway Safety with Intelligent Transportation Systems course is designed to assist professionals in both the highway safety and ITS communities. Participants may be planners, operators, designers, or maintenance personnel. These may be for example, the employees of, or contractors for, State departments of transportation, metropolitan planning organizations, and city and county agencies. The course activities will draw on attendee's experience, expectations, and contributions. Because an underlying objective is to foster cooperation among the Safety and ITS communities, it is critical that both be well represented: a 50/50 split in attendees' backgrounds would be most desirable.

TRAINING LEVEL: Intermediate

FEE: 2013: \$400 Per Person; 2014: N/A

LENGTH: 2 DAYS (CEU: 1.2 UNITS)

CLASS SIZE: MINIMUM: 20; MAXIMUM: 30

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