

**COURSE NUMBER**

FHWA-NHI-380103

**COURSE TITLE****Highway Safety Improvement Program Manual**

The Highway Safety Improvement Program (HSIP) is a core Federal-aid highway program with the primary purpose to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements. The HSIP is a roadway safety management process that consists of three main components: Planning, Implementation and Evaluation. While the HSIP is a Federal program, it is important to note the program components are applicable to road safety management processes at all levels of government. With a focus on results, the HSIP emphasizes a data-driven, strategic approach to improving highway safety.

This course introduces safety professionals to new procedures and technologies, and provide information on topics ranging from core safety concepts to detailed discussions of technical methods for data-driven safety planning which will result in successful HSIP efforts.

OUTCOMES

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

- Recognize HSIP purpose, structure, and benefits
- Describe and use data-driven methods to identify sites for potential safety improvement
- Identify steps to conduct engineering studies and approaches to countermeasure identification
- Identify HSIP funding requirements
- Identify methods to measure overall HSIP program success and countermeasure effectiveness
- Describe the importance of using evaluation results in future efforts

TARGET AUDIENCE

The course is intended for both new and veteran state and local transportation professionals in the areas of data collection and analysis, safety management processes, and planning and project management.

TRAINING LEVEL: Basic

FEE: 2013: \$4500 Per Course; 2014: N/A

LENGTH: 2 DAYS (CEU: 1.2 UNITS)

CLASS SIZE: MINIMUM: 22; MAXIMUM: 30

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