

**COURSE NUMBER**

FHWA-NHI-151050

COURSE TITLE**Traffic Monitoring Programs: Guidance and Procedures**

Participants are encouraged to bring their own copy of the FHWA Traffic Monitoring Guide 2013 and a calculator. The training room must be large enough to allow for group exercises, as well as room to display local traffic data collection equipment.

Additionally, the FHWA Office of Highway Policy Information offers a complimentary presentation of the Travel Monitoring Analysis System (TMAS) in conjunction with this training course. Please contact Steven Jessberger (Steven.Jessberger@dot.gov) for more information.

Developed in conjunction with the 5th revision of the FHWA Traffic Monitoring Guide (TMG 2013), this new course replaces NHI 151018 and offers guidance on how to manage a successful traffic monitoring program. The training begins with an overview of Federal traffic monitoring regulations and a presentation of the host State's traffic monitoring program. Subsequent lessons introduce federal guidance, best practices, and recommended procedures for developing a data collection framework for traffic volume, speed, classification, weight, and non-motorized programs. The course also incorporates related traffic monitoring elements of transportation management and operations, traffic data needs and uses, traffic data submittal requirements, and relevant traffic monitoring research. The critical importance of quality data collection is emphasized to support project planning, programming, design, and maintenance decisions-- all of which affect the Nation's transportation network.

OUTCOMES

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

- Describe the appropriate use of the TMG
- Describe the TMG procedures for obtaining traffic monitoring data for Federal and State programs
- Explain how to apply traffic monitoring data to answer specific questions on Federal and State issues
- Explain traffic data reporting requirements
- Explain the value of cooperative and multi-disciplinary approaches to traffic monitoring programs

TARGET AUDIENCE

This Instructor-led training (ILT) course is designed for transportation professionals involved in traffic monitoring programs. Primarily intended for FHWA and State DOT staff, this training is also relevant to regional and local government staff, as well as others whose roles include development and/or oversight of traffic monitoring programs. There are no course pre-requisites or assumed pre-training competencies.

TRAINING LEVEL: Basic

FEE: 2016: \$450 Per Person; 2017: \$450 Per Person

LENGTH: 2 DAYS (CEU: 1.4 UNITS)

CLASS SIZE: MINIMUM: 20; MAXIMUM: 30

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