

**COURSE NUMBER**

FHWA-NHI-380108

**COURSE TITLE****Maintenance of Drainage Features for Safety - WEB-BASED**

The purpose of this training is to highlight common roadway drainage problems that can cause an unsafe condition and suggest inspection methods and corrective action. Maintaining roadway drainage is important for safety and for ensuring the long life of the roadway by preventing erosion of the roadway, saturation of the subbase, and damage to roadway structures. The training is broken into two modules:

Module 1: Effects of Drainage describes common roadway safety hazards and how to recognize drainage problems.

Module 2: Safe Drainage Features and Work Zones covers solutions to common roadway safety issues and work zone safety.

This training is not intended to be a design guide. Participants may want to contact their State Local Technical Assistance Program (LTAP) for more details on drainage design.

OUTCOMES

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

- Identify problems created by ponding and standing water on the roadway
- Describe safety issues related to ditches and side slopes
- Describe how drainage features can become safety hazards
- Identify methods for identifying drainage problems
- Recall conditions to look for during field inspections
- Explain how to fix or prevent common roadway side slope problems
- Describe work zone safety procedures

TARGET AUDIENCE

This training is intended to help local road agency maintenance workers understand the importance of maintaining and upgrading drainage features on their road system to avoid an unsafe condition.

TRAINING LEVEL: Basic

FEE: 2016: \$25 Per Person; 2017: \$25 Per Person

LENGTH: 1 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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