



## COURSE NUMBER

FHWA-NHI-132092

## COURSE TITLE

### Earthwork Series: Excavation - WEB-BASED

Excavation is the fourth part of the Earthwork five-part series. Excavations of soil and rock are an integral part of highway construction due to the associated costs, safety concerns, engineering considerations, and short and long-term performance expectations. The Earthwork Series: Excavation course is an overview of the basic principles related to the requirements for proper excavation during a project.

This training consists of four modules, which cover the equipment used to excavate soils, and the procedures, requirements, and special considerations for mass excavation, permanent cut slopes, and temporary trench excavations. The course also covers some common problems and safety concerns associated with excavation.

## OUTCOMES

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

- Explain considerations and requirements for excavation
- Recall excavation safety procedures
- Relate common issues and solutions associated with excavation

## TARGET AUDIENCE

This training is designed for state and local government employees, as well as private industry technicians and inspectors who work within or around excavations, are responsible for documenting excavation operations, or are responsible for verifying foundation materials and proper earthwork construction on highway projects. The course is a beneficial overview for all those working on an earthwork project, but intermediate and advanced technicians and inspectors are the primary target audience. This training was developed by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI and is recommended for TCCC Levels II through IV.

**TRAINING LEVEL:** Basic

**FEE:** 2016: \$0 Per Person; 2017: N/A

**LENGTH:** 4.5 HOURS (CEU: 0 UNITS)

**CLASS SIZE:** MINIMUM: 1; MAXIMUM: 1

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