

**COURSE NUMBER**

FHWA-NHI-132093

**COURSE TITLE****Earthwork Series: Fill Placement - WEB-BASED**

Fill Placement is the fifth part of the Earthwork five-part series. Embankment construction; structural and utility bedding and backfilling; and the construction of drainage and filter systems are fundamental examples of highway earthwork - where the control of the material and how it is placed significantly influences engineering performance. The Earthwork Series: Fill Placement course is an overview of the basic applications where fill materials are to be used, and some common problems and safety considerations that you will need to know.

This training consists of four modules which cover culvert bedding and backfill, drainage filters and fabrics, embankment construction, key-ways, and benching. The course discusses material and placement requirements, methods used to control and assure placement, special construction considerations, common problems, and safety related issues.

OUTCOMES

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

- Explain fill placement;
- Recall fill placement safety procedures; and
- Identify steps for addressing obstacles associated with fill placement.

TARGET AUDIENCE

This training is designed for State and local government employees as well as private industry technicians and inspectors who provide quality control/quality assurance testing, document fill placement activities, verify that earthwork has been constructed according to contract documents, or inspect earthwork activities 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 AASHTO NHI and is recommended for TCCC Levels II through IV.

TRAINING LEVEL: Basic

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

LENGTH: 5.5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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