



## COURSE NUMBER

FHWA-NHI-134080

## COURSE TITLE

### Environmental Factors in Construction and Maintenance

NOTE: This course is intended for highway construction inspectors, maintenance supervisors, and other inspection and field personnel.

This is a blended course that comprises approximately 6 hours of independent study work and a 1.5-day instructor-led session. Participants must complete the independent study materials before attending the instructor-led session.

Mandated environmental considerations are an important part of all highway agencies' roadway construction and maintenance activities. NHI 134080 Environmental Factors in Construction and Maintenance focuses on balancing the need to fulfill environmental protections and the need to complete project activities in a safe, timely, and financially responsible manner.

This course emphasizes common environmental agency regulations, adherence to plans, early and frequent communication regarding construction and maintenance commitments, and the potential for encountering unexpected issues. Course activities help participants understand how to build environmental considerations into their standard practice. Learning to relate environmental commitments to construction and maintenance processes and practices can help transportation personnel ensure compliance with numerous and increasingly complex Federal, State, and local environmental regulations.

Course content is delivered via approximately 6 hours of independent study workbook materials and a 1.5-day classroom-based, instructor-led session. Two FHWA instructors relate their construction experience and environmental knowledge to help ensure that participants in this course will be able to apply the training content immediately to their projects and duties.

## OUTCOMES

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

- Relate design-phase environmental commitments to construction documents
- Explain your role in early and continuous communication to support commitments that occurred during design phase
- Recognize the importance of environmental protection during construction and maintenance operations
- Describe quality control measures and documentation that can be implemented through the construction sequence to provide environmental mitigation measures
- Recognize the role of the project inspectors (and environmental inspectors, when used) in addressing environmental issues
- Describe a variety of environmental compliance and commitment tracking tools
- Identify resources for consultation on environmental issues

## TARGET AUDIENCE

This course is intended primarily for Federal, State, and local highway construction inspectors, maintenance supervisors, and other inspection and field personnel who must ensure that identified environmental impacts are mitigated during construction and maintenance operations. This may include FHWA employees, as well as State employees and local agencies and consultants that oversee such activities.

**TRAINING LEVEL:** Basic

**FEE:** 2017: \$235 Per Person; 2018: N/A

**LENGTH:** 1.5 DAYS (CEU: 1.5 UNITS)

**CLASS SIZE:** MINIMUM: 20; MAXIMUM: 30

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