

**COURSE NUMBER**

FHWA-NHI-135087

**COURSE TITLE****Scour at Highway Bridges: Concepts and Definitions (Prerequisite) WEB-BASED**

This course has been designed to provide an introduction to scour as a prerequisite for NHI courses 135046, 135047, and 135048.

OUTCOMES

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

- Define scour
- Define total scour and each of its three components
- Characterize the time dependency of scour
- Distinguish between live-bed and clear-water scour

TARGET AUDIENCE

Federal, State, and local highway hydraulic, structural, and geotechnical engineers and bridge inspectors responsible for maintaining the integrity of highway bridges against possible hydraulic-related problems. Consultants who do bridge engineering work are also encouraged to take this prerequisite.

TRAINING LEVEL: Basic**FEE:** 2013: \$0 Per Person; 2014: N/A**LENGTH:** 1 HOURS (CEU: 0 UNITS)**CLASS SIZE:** MINIMUM: 0; MAXIMUM: 0**NHI Customer Service:** (877) 558-6873 • nhicustomerservice@dot.gov