

# LEARNING IN PROGRESS

JANUARY 2018



*Photo courtesy of MixOnSite USA, Inc.*

## COURSE SPOTLIGHT

NHI's recently updated Ground Modification Methods course (#132034A) was designed to advance the knowledge gain around the latest ground modification methods and procedures used in transportation-related construction. Registrants will review the history, functions, and categories of various ground modification methods and receive an overview of GeoTechTools technology selection and guidance system. Participants will also review the current practice in design, construction methods and materials, design concepts, costs, and contracting methods and specifications for various ground modification method categories.

This 3.5-day Instructor-led course is also available in two parts: Course #132034B focuses on Lightweight Fills, Deep Compaction, Soil Mixing, and Grouting. Course #132034C focuses on Vertical Drains, Aggregate Columns, Column Supported Embankments, Pavement Support Stabilization, and Reinforced Soil Structures.

You can learn more about these courses, register to host a session, or sign up for session alerts by visiting the course description page.

[Learn More](#)

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## JUST LAUNCHED

NHI relies on local agencies to hold Instructor-led and Web-conference Training throughout the year. Take a look at the newly launched training below, and consider bringing this training directly to your organization by hosting a session.

- [Transportation Performance Management \(TPM\) for Pavements](#) (Instructor-led Training): This one-day ILT course is intended to review concepts in TPM, identify specific measures used for characterizing pavement conditions, and provide methods for analyzing and recommending pavement condition targets and approaches for monitoring pavement networks.
- [Strut-and-Tie Modeling \(STM\) for Concrete Structures](#) (Instructor-led Training): This 1.5-day training course serves as a significant step in providing the knowledge transfer necessary for STM to be used more frequently and more effectively.

[Host a Training](#)

You can also sign up for alerts when new sessions are scheduled by visiting the course description page.



## **NEW & UPDATED: THIS YEAR**

NHI is always releasing new courses and updating our existing offerings based on new technologies, best practices and industry advancements. Take a look at the latest course listings, and click any of the links below to find a specific course.

### **[Asset Management](#)**

Introduction to Transportation Asset Management with Workshop  
Developing a Transportation Asset Management Plan  
Risk Management

### **[Environment](#)**

Fundamentals of Environmental Justice

### **[Geotechnical](#)**

Soil Nail Walls

Ground Modification Methods (3 versions available)

### **[Highway Safety](#)**

Speed Management

### **[Hydraulics](#)**

SRH-2D Model Data files, Diagnostics & Verifying 2D Model Results

Model Terrain Development with Various Data Sources

Hydraulic Toolbox

### [Structures](#)

Strut-and-Tie Modeling (STM) for Concrete Structures

Safety Inspection of In-Service Bridges for Professional Engineers

Design and Evaluation of Bridges for Fatigue and Fracture

Tunnel Safety Inspection Refresher Prerequisite

Fundamentals of Bridge Maintenance

### [Transportation Performance Management](#)

Transportation Performance Management for Pavements

The Role of Data in Transportation Performance Management

Effective Target Setting for Transportation Performance Management

### [Transportation Planning](#)

Basics of Transportation Planning

Transportation Planning Process

[See All Courses](#)

National Highway Institute, Federal Highway Administration  
1310 North Courthouse Road, Suite 300, Arlington, VA 22201

703.235.0500 | 877.558.6873  
web [www.nhi.fhwa.dot.gov](http://www.nhi.fhwa.dot.gov)  
email [nhicustomerservice@dot.gov](mailto:nhicustomerservice@dot.gov)