



U.S. Department of Transportation
**Federal Highway
Administration**

Learning in Progress

April 2013

Improving the Performance of the Transportation Industry
Through Training

IN THIS ISSUE

- NHI Web-based Trainings
- Course Spotlight
- NHI-Hosted Trainings at Arlington Facilities
- April Sessions
- Transportation in the News

APRIL TRAINING SESSIONS

Interested in taking an NHI training course?

There are more than 40 NHI courses currently scheduled across the country in the month of April. Visit the [NHI Web site](#) to see a list of this month's training sessions.

TRANSPORTATION IN THE NEWS

[DOT Secretary's Blog](#)

[AASHTO Journal](#)

[ASCE News](#)

QUESTIONS?

NHI Web-based Trainings Offer Flexible Options

We recognize that your time is valuable. NHI offers more than 80 Web-based trainings (WBTs) that can be completed in two hours or less, on your own schedule, and at no cost. Whether you are working in the field, have limited time for training, or just want to expand your skill set on a specific topic, these courses provide an ideal way to enhance your knowledge in key areas.

[Select this link](#) to view a list of all WBTs.

How to Register

To register for these trainings, please select the link above, then follow the steps below to enroll.

1. Select the shopping cart in the "Host/Enroll" column for the course you wish to select.
2. Log in (if you haven't already).
3. Select the shopping cart again. A red check mark confirms you have added the session to your cart.
4. Proceed to "**Checkout.**"

Course Spotlight: 132014 Drilled Shafts

Drilled shafts are an alternate type of deep foundation that may be more cost effective and perform better than other types of deep foundations in bridge piers at

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river crossings and in retrofit operations, high-mast lighting, earth retaining structures, single-column piers, and similar applications. This course provides participants with specific technical guidance on all aspects of designing, installing, and monitoring the construction of drilled shafts. The lessons address the following topics: applications, advantages, and disadvantages of drilled shafts for transportation structure foundations; general requirements for subsurface investigations; construction methods; construction case histories; construction specifications; principles of designing drilled shafts for axial and lateral loading; expansive soils, downdrag, and similar effects; load testing; inspection; integrity testing; repair and retrofit of defective shafts; and cost estimation. The participants will receive a comprehensive reference manual on drilled shaft construction and design used by engineers who perform detailed designs of drilled shafts, write construction specifications, and evaluate the performance of contractors through a comprehensive inspection program.

Public Seats for this course are currently available. Please visit the [NHI Web site](#) to register.

NHI-Hosted Trainings at Arlington Facilities

In response to requests from the transportation community, NHI will host a series of NHI courses at our training facilities located in Arlington, VA. NHI will offer our most popular courses and others not widely offered in individual States.

Upcoming Sessions:

[132036 Earth Retaining Structures](#)
May 21-23, 2013

[135047 Stream Stability and Scour at Highway Bridges for Bridge Inspectors](#)
May 30, 2013

[130091B Underwater Bridge Repair, Rehabilitation, and Countermeasures](#)
June 25-26, 2013

[132034 Ground Improvement Techniques](#)
July 22-26, 2013

[130096 Cable-Stayed Bridge Seminar](#)

July 23, 2013

[132014 Drilled Shafts](#)

July 31-August 2, 2013

[135082 Highways in the Coastal Environment](#)

August 27-29, 2013

Soon to be Scheduled:

[142051 Highway Traffic Noise](#)

[142049 Beyond Compliance: Historic Preservation in Transportation Project Development](#)

[152054 Introduction to Urban Travel Demand Forecasting](#)

[310123 FHWA Contracting Officers Representative \(COR\)](#)

NHI's modern facilities offer four training rooms that feature the tools and equipment necessary to ensure a productive and engaging learning environment. Additionally, we are located within 15 minutes of the Nation's capital. We welcome the opportunity to host transportation professionals from across the country as well as from the DC metro area.

For more information about upcoming trainings at NHI's training facilities, be sure to [subscribe to NHI News and Updates](#).