



# Learning in Progress

October 2014

Improving the Performance of the Transportation Industry Through Training

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## UPCOMING TRAINING SESSIONS

Interested in taking an NHI training course?

Visit the [NHI Web site](#) to see a list of upcoming training sessions.

If you can't make it to any of NHI's in-person, Instructor-led trainings, you can always take a self-paced, Web-based training (WBT). NHI now offers more than 140 WBTs. [Select this link](#) to see a complete list of NHI's WBTs.

## TRANSPORTATION IN THE NEWS

[DOT Secretary's Blog](#)

[AASHTO Journal](#)

[EDC News](#)

## Additional NHI Web Resources:

[Local Coordinator Checklist](#)

[NHI Training Products and Services](#)

## QUESTIONS?

E-mail NHI Marketing at [nhimarketing@dot.gov](mailto:nhimarketing@dot.gov)

## NHI Welcomes New Director:

On June 16, NHI welcomed a new Director, Valerie Briggs. Valerie's goals are to continue NHI's strong commitment to providing quality training and excellent customer service. She also looks forward to working with NHI's customers and staff to pilot and use innovative techniques to meet the training needs of the transportation workforce today and in the future. In Valerie's words, "I'm thrilled to be joining NHI now at such a dynamic time. The needs for workforce development are greater than ever, and technologies and innovations in training delivery make many new horizons possible. NHI has an outstanding staff. I look forward to joining them in exploring the best ways to meet our customer's needs."

Prior to joining NHI, Valerie led efforts to advance the next generation of transportation technologies within the USDOT's Intelligent Transportation Systems Joint Program Office (ITS JPO). In her role as Team Lead for Knowledge Transfer and Policy, she led a national training program and activities to prepare the workforce for next generation technologies and also worked with DOTs and the auto industry to advance a nation-wide network of connected vehicles and infrastructure, which is expected to have transformative impacts on transportation safety and mobility.

Valerie joined USDOT in 2007 from the American Association of State Highway and Transportation Officials (AASHTO's), where she was the association's first permanent Program Manager for Operations. She worked with FHWA, and State and local agencies to build a national program to advance the capabilities of agencies to manage traffic and operate multi-modal transportation systems. Valerie has also consulted and conducted research in the transportation industry. Valerie holds Bachelor's and Master's degrees in Civil Engineering, and a Master of Public Affairs degree, all from the University of Texas at Austin and is a licensed Professional Engineer in the District of Columbia.



## Course Spotlight: Highway Program Funding: An overview WBT

This self-paced Web-based training provides an overview of the Federal-aid Highway Program, focusing on various aspects of highway program funding unique to the Federal Highway Administration (FHWA). Topics include Federal and State roles in the Federal-aid Highway Program; the Highway Trust Fund; the phases of the Federal-aid Highway funding lifecycle; and the current highway authorization law, Moving Ahead for Progress in the 21st Century Act (MAP-21).

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

- Describe the Federal-aid Highway Program and the related Federal and State roles
- Explain the purpose of the Highway Trust Fund and identify its major sources of revenue
- Identify the major phases and lifecycle of Federal-aid Highway funding
- List characteristics of the current highway authorization law, MAP-21

For more information and to register for this course refer to [151051 Highway Program Funding: An Overview](#) on the NHI Web site.



**It's all in the Map!**

NHI is proud to announce a new interactive way for participants to browse training courses in their State! Is there an instructor-led course that has caught your eye? Want to know when a session will be held near you? No problem. Browse upcoming sessions by State and sign up for alerts with NHI's new [interactive session alert map!](#)



## Common Host Questions:

### What are public seats?

Public seats allow anyone outside the hosting agency to enroll in the session. Offering public seats provides outside perspectives and diverse backgrounds for participants and helps hosts to meet the minimum participant requirement (20). When you offer public seats, NHI will list the seats on the NHI Web site and distribute email alerts announcing the session when it is scheduled. If you would like to offer public seats, complete the "Training Location Information" section on the Host Request Form and indicate the number of seats to be made available.

### How do you begin the hosting process?

Any organization can host an Instructor-Led Training (ILT) or Web Conference Training (WCT) course session by submitting a Host Request Form through the NHI Web site. Log in to the NHI Web site and select the "My Profile" link on the submenu bar near the top of the browser screen. Under "Personal Information", check the "Host/Instructor" box.

[Additional hosting information and tools can be found on the NHI Web site.](#)

## Upcoming Instructor Development Trainings:

FHWA-NHI-420018/Instructor Development Course is being held at NHI on October 21-24, 2014. [Register for an upcoming session online.](#)



## Sharpen Your Skills on Pedestrian Safety by Signing Up for NHI Training Today!

Back-to-school season is here and the National Highway Institute reminds us all that pedestrian safety should be a priority for everyone as children return to classrooms this fall. Check out related courses at a glance:

[380089 Designing for Pedestrian Safety](#)

[380090 Developing a Pedestrian Safety Action Plan](#)

[142045 Pedestrian Facility Design](#)

[133121 Traffic Signal Design and Operation](#)

## New and Updated Courses:

### Pavements and Materials

[131106C Introduction to Transportation Asset Management Plan](#)

### Geotechnical

[132010A Earthquake Engineering Fundamentals \(Web-based\)](#)

[132094A LRFD Seismic Analysis and Design of Transportation Geotechnical Features](#)

[132094B LRFD Seismic Analysis and Design of Structural Foundations and Earth Retaining Structures](#)

### Design and Traffic Operations

[133122 Traffic Signal Timing Concepts](#)

[133123 Systems Engineering for Signals Systems Including Adaptive Control](#)

[133124 Performance Management of Traffic Signal Systems](#)

[133125 Successful Traffic Signal Management: The Basic Service Approach](#)

### Hydraulics

[135090 Hydraulic Design of Safe Bridges](#)

### Environment

[142068 Air Quality Planning: Clean Air Act Overview](#)

[142069 Air Quality Planning: SIP and TCM Requirements and Policies](#)

[142070 Air Quality Planning: SIP Development Process](#)

[142071 Air Quality Planning: Transportation Conformity](#)

[142069 Air Quality Planning: SIP and TCM Requirements and Policies](#)

### Highway Safety

[380118 Integrating Geometric Design & Traffic Control for Improved Safety](#)



## Upcoming Events and Awareness Days:



**NHI Events:** NHI will exhibit at the 39th Annual Conference on Deep Foundations, October 21-24, 2014 in Atlanta, GA. Heather Shelsta, Training Program Manager for FHWA Geotechnical training, will be in attendance representing the National Highway Institute.



**September was National Preparedness Month:** NHI wants to remind you of the importance of safety and preparedness on our nation's highways. Equip yourself with training that covers safety awareness, evacuation planning, the Incident Command System (ICS) management system, and more. Check out our courses below for more information:

- [381001 TCCC Safety Orientation \(Web-based\)](#)
- [133099 Managing Travel for Planned Special Events \(2-Day\)](#)
- [133101 Using the Incident Command System at Highway Incidents](#)
- [133107 Principles of Evacuation Planning Tutorial \(Web-based\)](#)
- [133119 Safe and Effective Use of Law Enforcement Personnel in Work Zones \(Web-based\)](#)