

# Learning in Progress

June 2008



*Improving the Performance of the Transportation Industry through Training*

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## Quick Links

[www.nhi.fhwa.dot.gov](http://www.nhi.fhwa.dot.gov)

[www.nhi.fhwa.dot.gov/tccc](http://www.nhi.fhwa.dot.gov/tccc)

[NHIMarketing@dot.gov](mailto:NHIMarketing@dot.gov)

## NHI Growth Stems from Customer Demand

Customer demand for NHI courses in Fiscal Year 2008 has driven a 22 percent increase in the number of scheduled sessions (year to date). In the past quarter, NHI has launched 6 new courses, 3 updated courses, and 3 Web-based trainings.

### New

- FHWA-NHI-131109 New and Rehabilitated Pavement with M-E Design Guide Software
- FHWA-NHI-131115 Pavement Preservation: Preventive Maintenance Treatment, Timing, and Selection
- FHWA-NHI-134056A Pontis Bridge Management and InfoMaker Module (3-day)
- FHWA-NHI-134056B Pontis Bridge Management InfoMaker Module (1-day)
- FHWA-NHI-134068 Addressing Uncertainty in Cost Estimating
- FHWA-NHI-135082 Highways in the Coastal Environment

### Updated

- FHWA-NHI-131026 Pavement Subsurface Drainage Design
- FHWA-NHI-134056 Pontis Bridge Management

### Web-based

- FHWA-NHI-131117 TCCC Basic Materials for Highway and Structure Construction and Maintenance
- FHWA-NHI-134069 TCCC Ethics Awareness for the Transportation Industry
- FHWA-NHI-134071 TCCC Basic Construction and Maintenance Documentation - Improving the Daily

## NHI Launches Certificate of Accomplishment in Freight Management and Operations

In collaboration with the Office of Operations, NHI launched new freight/planning training and a Certificate of Accomplishment in Freight Management and Operations, emphasizing freight planning, management, and transportation procedures. NHI offers Certificates of Accomplishment to recognize individuals who have successfully completed and achieved passing grades in selected groupings of related NHI training. The Certificate of Accomplishment in Freight Management and Operations features the following training: Uses of Multimodal Freight Forecasting in Transportation Planning (FHWA-NHI-139002), Advanced Freight Planning (FHWA-NHI-139003), Freight Planning and Environmental Considerations (FHWA-NHI-139005), and Integrating Freight in the Transportation Planning Process- WBT (FHWA-NHI-139006).

In addition to the Certificate program, NHI launched Advanced Freight Planning (FHWA-NHI-139003) and Integrating Freight in the Transportation Planning Process (FHWA-NHI-139006). Advanced Freight Planning provides participants with the skills needed to identify, prioritize, develop and implement freight supportive projects. Integrating Freight in the Transportation Planning Process provides a greater understanding of freight trends, its stakeholders, and its issues, so that public-sector transportation planners are better able to incorporate freight into their respective transportation planning processes and programs.

## Courses of Excellence

During the third quarter of Fiscal Year 2008, NHI's course satisfaction ratings averaged 4.39 on a 5-point scale. NHI Instructor satisfaction averaged a 4.52 on a 5-point scale. Based upon the feedback we are receiving, NHI is updating its course materials and providing training to Instructors to continue improving service to our customers.

March 18, 2008 - June 12, 2008

Courses of Excellence				
Course Number	Course Title	# of Sessions	Total # Trainees	Average
141030	Advanced Relocation under the Uniform Act	1	31	4.8
420018A	Instructor Development Course (4.5-Day)	1	8	4.8
141031	Business Relocation under the Uniform Act	2	57	4.7
130088	Bridge Construction Inspection	2	37	4.6
133078	Access Management, Location and Design	1	24	4.6
135046	Stream Stability and Scour at Highway Bridges	1	21	4.6
135067	Practical Highway Hydrology	2	40	4.6
380070A	Safety Effects of Geometric Design Features for Two-Lane Rural Highways	1	20	4.6
130078	Fracture Critical Inspection Techniques for Steel Bridges	1	23	4.5
130091	Underwater Bridge Inspection	2	40	4.5
135027	Urban Drainage Design (3-Day)	3	55	4.5
135041A	HEC-RAS, River Analysis System (3.5-Day)	1	19	4.5

135048	Countermeasure Design for Bridge Scour and Stream Instability (2.5-Day)	1	30	4.5
310109	Federal-Aid 101 (FHWA Employee Session)	2	45	4.5
310111	Conducting Reviews that Get Results	1	15	4.5
380060	Work Zone Traffic Control for Maintenance Operations (Short Term)	5	93	4.5

## Instructors of Excellence



Pictured: Bob Merryman of O. R. Colan Associates; Mila Plosky, a NHI Training Program Manager; Ted Pluta of O. R. Colan Associates; Carolyn Eberhard, a NHI Instructor Liaison; Katie Zimmerman, President of Applied Pavement Technology, Inc.; and Susan Mosher of PerformTech.

## Implementation of Public Seats a Success

NHI has seen a steady increase in the number of public seats being requested by Hosts and Local Coordinators in the past two years since the feature was introduced. In 2006 NHI offered the ability to sell seats in course sessions through the NHI Web site. The availability of these public seats is indicated with a shopping cart icon in the far right-hand column of the scheduled session.

In Fiscal Year 2007, 534 public seats were sold on the NHI Web site. So far in FY 2008, 439 public seats have been sold in 59 sessions of NHI courses.

## New NHI Web site Features

At the request of customers and privacy concerns, NHI will remove the requirement of the last four digits of the Social Security Number as part of the NHI Web site User ID. As a result, existing NHI User IDs will be changed to reflect this new policy. E-mails will be sent indicating the new NHI User IDs in the first week of July.

If you have any questions about these new features, please contact Lexi Buscaglia at (703) 235-0556 or email [NHIWebmaster@dot.gov](mailto:NHIWebmaster@dot.gov).

## NHI Launches TCCC Web-based Training

In an effort to improve documentation on construction and maintenance projects and the understanding of good ethics in the transportation industry, NHI, in partnership with the Transportation Curriculum Coordination Council (TCCC) launched three Web-

based trainings.

TCCC Ethics Awareness for the Transportation Industry (FHWA-NHI-134069) reviews proper methods for handling conflicts of interest, safety, fraud, falsification of documentation, reporting ethical concerns, gifts and favors, fairness, personal use of agency property, and consequences. TCCC Basic Construction and Maintenance Documentation - Improving the Daily Diary (FHWA-NHI-134071) instructs participants with proper documentation on a construction or maintenance project to ensure that information is accurate, correct, and factual for proper payment and to avoid lawsuits. TCCC Basic Materials for Highway and Structure Construction and Maintenance (FHWA-NHI-131117) focuses on the three basic materials used in the construction and maintenance process of highways and structures: Aggregate, Portland Cement Concrete, and Hot Mix Asphalt.

## Upcoming Real Solutions Seminars

July 24th 1 - 2:30pm *Raymond A. Hartle* presents PennDot Adjacent P/S Non-Composite Beam

August 28th 1 - 2:30pm, *topic TBA*

September 25th 1-2:30pm *Jeffery Ang-Olson* presents Best Practices for Integrating Climate Change Considerations in the Transportation Planning Process

## Staff Updates

NHI is pleased to announce that Mark Klinge is now the Materials Manager and Sherese Lyles is now the NHI Registrar. Mark can be reached at [mark.klinge@fhwa.dot.gov](mailto:mark.klinge@fhwa.dot.gov) or (703) 235-0552. Sherese can be reached at [sherese.lyles@fhwa.dot.gov](mailto:sherese.lyles@fhwa.dot.gov) or (703) 235-1212.

*Thank you for taking the time to review our NHI updates. We look forward to continuing to serve the transportation community.*

*Please contact Ann Gretter at [NHIMarketing@dot.gov](mailto:NHIMarketing@dot.gov) with questions and feedback. We welcome your comments and suggestions.*

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