

# Learning in Progress

## March 2009



*Improving the Performance of the Transportation Industry through Training*

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[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)

### Upcoming Web Conferences

NHI Real Solutions Seminar Series and NHI Innovations are a success!

Since this January, the NHI Real Solutions Seminar series has hosted presentations on the following topics: I-70 Overpass Beam Failure (January), Transportation Curriculum Coordination Council (TCCC) and What it Means to You (February), and A New Approach for a New Era (March).

Beginning this year the NHI Innovations series kicked-off with a seminar on Self-Consolidating Concrete (January), Roundabouts (February), and most recently Bridge Inspection (March).

#### *Upcoming Real Solutions Seminar Series:*

- April 23, 2009, 1 - 3 pm EST, Administrative Records: Supporting Your Decision
- May 28, 2009, 1 - 3 pm EST, Integrating Bicycling and Walking Facilities in Constrained Rows
- June 25, 2009, 1 - 3 pm EST, Smart Corridors and Complete Streets: A Look at Some Situations and Strategies

#### *Upcoming NHI Innovations:*

- April 8, 2009, 2:30 - 4 pm EST, Connections Manual for Pre-Fab Bridge
- May 6, 2009, 2:30 - 4 pm EST, Safety Edge
- June 10, 2009, 2:30 - 4 pm EST, Pavement Smoothness

Check out the NHI Web site for recordings of previous seminars or to register for future [NHI Real Solutions Seminars](#) or [NHI Innovations](#) seminars.

New and Updated Courses 2009

<b>New Courses</b>	
FHWA-NHI-130092	Load and Resistance Factor Rating for Highway Bridges
FHWA-NHI-132081	Highway Slope Maintenance and Slide Restoration
FHWA-NHI-133072	High Occupancy Vehicles (HOV) Facilities
FHWA-NHI-133072A	High Occupancy Vehicles (HOV) Facilities
FHWA-NHI-133101	Using the Incident Command System at Highway Incidents
FHWA-NHI-134061	Construction Program Management and Inspection (Resource Center Workshop)
FHWA-NHI-137033	ITS/CVO Security Awareness
FHWA-NHI-142048	Managing Road Impacts on Stream Ecosystems: An Interdisciplinary Approach
FHWA-NHI-142055	Advanced Seminar on Transportation Project Development: Navigating the NEPA Maze
FHWA-NHI-380085	Guardrail Installation Training
<b>Web-based Training</b>	
FHWA-NHI-131113	Fundamentals of Life Cycle Cost Analysis
FHWA-NHI-134081	TCCC Plan Reading
FHWA-NHI-134084	TCCC Fundamentals of Materials Used for Concrete Pavements
FHWA-NHI-134085	TCCC Incompatibility in Concrete Pavement Systems
FHWA-NHI-134087	TCCC Mix Design Principles
FHWA-NHI-134095	TCCC Early Age Cracking
FHWA-NHI-134096	TCCC Basics of Cement Hydration
<b>Updated Courses</b>	
FHWA-NHI-380069	Road Safety Audits/Assessments

## Instructors of Excellence and Team Administrative Awards

NHI applauds the efforts of our instructors throughout the year and to underscore the importance of consistently delivering high-quality instruction, we are pleased to announced the recipients of the Instructors of Excellence Awards.

In FY 2008, for the second annual Instructors of Excellence awards, NHI recognized 12 instructors, including both Federal Highway Administration (FHWA) and contract instructors. NHI also recognized one contracting firm and its instructors with a Team Administrative Award.

This year's individual winners are:

- Darrell Burnett, Metric Engineering, Inc.
- Shay Burrows, FHWA, Structures Team
- Mark Doctor, FHWA, Safety and Design Team
- Bruce Falk, Trauner Consulting Services, Inc.: H. C. Phoenix Group

- William Gedris, Michael Baker, Jr., Inc.
- Charles Grombacher, O. R. Colan, Inc.
- Eric Mann, Michael Baker, Jr., Inc.
- Johnny Morris, Ayres Associates
- Sean Patrick, Infrastructure Engineers, Inc.
- Ted Pluta, O. R. Colan, Inc.
- Thomas Ryan, Michael Baker, Jr., Inc.
- John Wackerly, Michael Baker, Jr., Inc.

The Team Administrative winners are:

- Applied Pavement Technologies, Inc., for Principles and Practices for Enhanced Maintenance Management Systems (FHWA-NHI-131107), instructors David Peschkin, Dean Testa, and Katie Zimmerman
- Applied Pavement Technologies, Inc., for Principles of Writing Highway Construction Specifications (FHWA-NHI-134001A), instructors David Peschkin and Dean Testa

### New Web site Feature: E-mail Updates

Do you want to be notified when the NHI Web site is updated? The NHI Web site now offers e-mail updates, just click on the "eSubscribe - Receive e-mail Updates" icon in the upper-right corner of the NHI Home Page. You will receive e-mails whenever courses/Web conferences are updated or added, executive summaries are posted, or when new NHI news is announced.

We are working on e-mail updates for specific courses, geographical regions, and more, so stay tuned!

### Courses of Excellence: December 10 - March 23

Course	Course Title	Training Type	Average
380003A	Design and Operation of Work Zone Traffic Control (3-Day)	ILT	4.87
142045	Pedestrian Facility Design	ILT	4.86
142036	Public Involvement in the Transportation Decisionmaking Process	ILT	4.82
135046	Stream Stability and Scour at Highway Bridges	ILT	4.78
380087	Safety Workshop	ILT	4.77
135048	Countermeasure Design for Bridge Scour and Stream Instability (2.5-Day)	ILT	4.7
135067	Practical Highway Hydrology	ILT	4.68
142046	Bicycle Facility Design	ILT	4.67
151018	Application of the FHWA Traffic Monitoring Guide	ILT	4.65

130081C	LRFD for Highway Bridge Superstructures	ILT	4.65
130088	Bridge Construction Inspection	ILT	4.64
132070	Drilled Shaft Foundation Inspection	ILT	4.61
132012	Soils and Foundations Workshop	ILT	4.59
142054	Design and Implementation of Erosion and Sediment Control	ILT	4.58
130055	Safety Inspection of In-Service Bridges	ILT	4.56
135056	Culvert Design	ILT	4.56
380032A	Roadside Safety Design (3-Day)	ILT	4.56
380060	Work Zone Traffic Control for Maintenance Operations (Short Term)	ILT	4.55
130087	Inspection and Maintenance of Ancillary Highway Structures	ILT	4.54
130082B	LRFD for Highway Bridge Substructures and Earth Retaining Structures (4-Day)	ILT	4.52
380075	New Approaches to Highway Safety Analysis	ILT	4.52
135027	Urban Drainage Design (3-Day)	ILT	4.51

## NHI Supports Instructors and Local Coordinators

NHI hosted our quarterly Instructor Web Conference in February. Topics discussed included the announcement of the 2008 Instructors of Excellence award recipients and developments in video-conferencing training options.

Plan to join us for the next Instructor Web Conferences on August 20th and 27th, 2009.

This quarter NHI also had the opportunity to meet with our many Hosts and Local Coordinators via Web conference. Updates were provided on NHI pricing, course materials, printing, and other news.

The next Host and Local Coordinator presentation will occur on June 17, 2009.

To view previous presentations, check out the [NHI Web site](#).

## NHI Reapproved as a Provider of CEUs

NHI was recently reapproved by the International Association for Continuing Education and Training (IACET) as an Authorized Provider of continuing education units (CEUs). According to IACET, the primary purpose of CEUs is to provide a permanent record of the educational accomplishments of an individual who has completed one or more significant non-credit educational experiences. In addition to traditional Instructor-led courses, NHI is authorized to provide CEUs for its distance learning training; for example, Web-based training, Web-based conferencing, video conference, and self-paced or any combination of the various methods. As in the past, continue to look in the NHI Catalog or on the NHI Web site for information about which training courses offer CEUs and how many are offered. The number of CEUs offered varies depending on the number of training hours.

IACET is an independent, non-profit association whose goal is to ensure quality continuing education for professionals. For an organization to become an IACET approved CEU authorized provider, it must demonstrate that it designs, develops, and delivers training in accordance with proven adult learning theory and recognizes instructional systems design practices.

## TCCC Corner



TCCC (Transportation Curriculum Coordination Council) and NHI are excited about our accomplishments in the last few months. In this section, we will share our outstanding participant numbers, new TCCC/NHI Web based trainings, and tell you what feedback we are getting.

Since the inception of the NHI/TCCC training development relationship in July 2008 we have launched 12 WBT trainings. At the end of February we had reached more than 2,800 participants with 10 of these trainings. In addition, we have shared our trainings with other States that have Internet restrictions or LMS (Learning Management System) needs and have been able to reach another 700+ participants. That means NHI/TCC has reached more than 3,500 participants in a few short months. We are excited about the participant numbers and hope to triple these numbers with our new trainings and continuing interest in the existing trainings.

What our customers are saying...

FHWA-NHI-134085: "[The course] presented some methods I was not familiar with that will be helpful in the future."

FHWA-NHI-134081: "For me it was a satisfactory program because it reinforced some of the things I already knew and I got exposure to other areas I have not had prior experience in."

FHWA-NHI-134078: "I am in construction inspection, and though I have been on projects with paper plans and electronic data, I have not been on a project where GPS was directly employed in field construction. This course was good exposure for me."

FHWA-NHI-134075: "[This course] refreshed some concepts I have not used in a while and provided an understanding of new ones."

WBTs Coming Soon!

### April

FHWA-NHI-134097 TCCC Fresh Concrete Properties - Concrete Series

FHWA-NHI-134098 TCCC Construction Module - Concrete Series

FHWA-NHI-131122 TCCC Introduction to PCC Construction Inspection

### May

FHWA-NHI-131121 TCCC Construction of PCC Pavements

FHWA-NHI-131126 TCCC Concrete Pavement Preservation

## June

FHWA-NHI-134100 TCCC QAQC - Concrete Series  
FHWA-NHI-134101 TCCC Design of Pavement - Concrete Series  
FHWA-NHI-134102 TCCC Troubleshooting  
FHWA-NHI-134074 TCCC Bolted Connections  
FHWA-NHI-380098 TCCC Maintenance of Traffic - Int  
FHWA-NHI-380099 TCCC Maintenance of Traffic - Adv

## Staffing Updates

We would like to welcome back Marty Ross as the Training Program Manager for courses in Construction and Maintenance and Pavement and Materials.

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

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



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