



NHI Newsletter

Learning in Progress

Improving the performance of the transportation industry through training

April 2011

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Transportation in the News

- [DOT Secretary's Blog](#)
- [AASHTO Journal](#)
- [ASCE News](#)

New and Updated Courses

Please visit the [New and](#)

NHI and ADSC Sign a Partnering Agreement

NHI forges close relationships with external groups, such as the Deep Foundations Institute, State departments of transportation, and university transportation centers, as well as internal FHWA groups, such as the Resource Center and the Transportation Curriculum Coordination Council. These partnerships enhance the quality of NHI's training courses and provide additional training options in an effort to reach more transportation professionals.

Over the last few years, NHI's relationships and collaboration with its partners have grown, and the organization continually pursues new strategic partnerships. NHI's newest partner is **ADSC: The International Association of Foundation Drilling**. The partnering agreement between NHI and ADSC provides a framework for the coordinated delivery of select NHI Geotechnical training courses through ADSC.



Amy Lucero, Director of the FHWA Office of Technical Services and Michael Moore, CEO of ADSC sign the

[Updated Courses](#) page of the [NHI Web site](#) to see the latest listing of NHI's new and updated trainings.

Staffing Update

We are excited to welcome a great new team member to NHI: Maria Sikirica. Maria is supporting the Knowledge Application Team.

Questions?
E-mail [NHI Marketing](#)

partnering agreement between NHI and ADSC.

The goals and objectives of the cooperative partnership are to:

- Establish a framework for coordinated delivery of FHWA-NHI training on multiple platforms through ADSC
- Promote the coordinated effort to build the professional capacity of practitioners designing and constructing drilled foundations, earth retention systems, and micropile foundations for roadways, bridges, and other transportation structures
- Advance the common mission of FHWA and ADSC to train and educate contractors, practicing engineers, and other ge-professionals

For more information about NHI's partnerships, please visit the [Partnership page](#) of the NHI Web site.

Course Spotlight: Bridge Inspection Refresher Training (130053A)

Based on the "Bridge Inspector's Reference Manual," (updated in 2006), this course is designed to refresh the skills of practicing bridge inspectors by providing a review of fundamental visual inspection techniques; background knowledge necessary to understand how bridges function; issues of national significance relative to the nations' bridge infrastructures; proper condition and appraisal rating practices; and professional obligations of bridge inspectors. The course also references the AASHTO Manual for Bridge Evaluation.

Core topics addressed in the course include inspector qualifications and duties; bridge mechanics; record keeping and documentation; fatigue and fracture in steel bridges; traffic safety features; safety; National Bridge Inventory (NBI) component ratings; superstructure type identification; inspection techniques and case studies for decks; and superstructures, bearings, substructures, channels, and culverts.

There are two versions of this course: Bridge Inspection Refresher Training (3-day) (130053) and Bridge Inspection Refresher Training (3.5-day) (130053A). The 3.5-day course will cover all the core topics as well as all the optional topics. The optional topics include, fiber reinforced plastic; inspection of truss gusset plates; inspection of adjacent box beams; bridge site signing; structure inventory and

appraisal overview; common NBI miscodings; element level ratings and timber superstructures; and opportunities for further case study exercises. If a host is limited to the 3-day version, course instructors will work with the host to determine 3 to 4 of the optional topics to be included in the training session. Additionally, course instructors of 130053A will work with the host prior to the scheduled session to complete a pre-course questionnaire and discuss the course schedule.

For more information about this course and other NHI courses, please visit the [NHI Web site](#).