



Learning in Progress

January 2013

Improving the Performance of the Transportation Industry
Through Training

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JANUARY TRAINING SESSIONS

Interested in taking an NHI training course?

There are more than 25 NHI courses currently scheduled across the country in the month of January. Visit the [NHI Web site](#) to see a list of this month's 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 135 WBTs. [Click here](#) to see a complete list of NHI's WBTs.

Purchase Training Materials from the NHI Store

Can't participate in one of NHI's trainings? No problem. You can purchase course materials from the NHI Store.

NHI offers a wide variety of hard and electronic copy reference manuals, guides, and information materials. These materials are written by leading transportation experts and are used by higher education institutions.

NHI Store materials are available for purchase to everyone. Hard copy items are priced to include shipping, and electronic materials are available for download at little or no charge. To view our selection of materials, please [search the NHI Store](#).

Additional Information:

- 1) You must be logged in to the NHI Web site to purchase materials or download and access electronic documents.
- 2) To download and access your electronic materials, select "My Training" on the submenu bar near the top of the NHI Web site and select the "My Downloads" tab.
- 3) To learn more about NHI training products and services, please [click here](#).

**TRANSPORTATION IN
THE NEWS**

[DOT Secretary's Blog](#)

[AASHTO Journal](#)

[ASCE News](#)

QUESTIONS?

E-mail NHI Marketing at
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Course Spotlight: 130095 LRFD and Analysis of Curved Steel Highway Bridges

This 5-day course expands the suite of FHWA services to assist State and local governments in a successful implementation of Load and Resistance Factor Design (LRFD). This course applies the principles of LRFD to the analysis and design of skewed and horizontally curved steel bridges. For structural applications, the curriculum follows the AASHTO LRFD Bridge Design Specifications, 5th Edition, 2010 (AASHTO LRFD Specifications). The training course focuses primarily on the analysis and design of skewed and horizontally curved steel I-girder bridges. However, the accompanying Reference Manual also includes design examples for horizontally curved steel box-girder bridges.

This course provides a combination of Instructor-led discussions and workshop exercises. It includes LRFD theory applied to design examples, and it illustrates step-by-step LRFD design procedures for skewed and curved steel bridges. The course includes participant exercises in which students apply the LRFD principles to specific applications, guided walk-throughs in which the instructor guides the participants through design examples, case studies in which real-life examples are used to illustrate the principles being learned, as well as models to help participants observe firsthand the behavior of skewed and curved bridges.

Please visit the [NHI Web site](#) for a full description of this course.

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.

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.

Upcoming Sessions:

[420018A Instructor Development Course \(4.5-day\)](#)

January 28-February 1, 2013

[420018 Instructor Development Course \(3.5-day\)](#)

January 22-26, 2013

April 2-5, 2013

[130055 Safety Inspection of In-Service Bridges](#)

April 8-19, 2013

Soon to be Scheduled:

[142051 Highway Traffic Noise](#)

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

[130053A Bridge Inspection Refresher Training](#)

[130091 Underwater Bridge Inspection](#)

[130091B Underwater Bridge Repair Rehabilitation, and Countermeasures](#)

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

[134068 Addressing Uncertainty in Cost Estimating](#)

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