



U.S. Department of Transportation
Federal Highway Administration

LEARNING IN PROGRESS | SEPTEMBER 2017

Monthly News from the National Highway Institute

Safety Check

- TRAFFIC SAFETY
- HARD HAT
- SAFETY VEST
- STEEL-TOED BOOTS
- GOGGLES
- GLOVES
- HARNESS
- LIFE JACKET
- STEEL-TOED WADERS

Scenario:

You have just arrived on the scene to inspect a bridge. The current weather is sunny with a temperature of 68°.

Task:

Once you have selected all of the appropriate safety gear and applied the traffic precautions, you may begin inspecting. You can come back to your truck at any time to adjust your gear, check traffic safety precautions, and view additional information.

Help:

Select the button to view the inspection environment help documentation.

Move User:

- Arrow Keys
- OR
- W, A, S, D Keys
- OR
- Left Mouse Button
- OR
- Direction Pad

Rotate User:

- Press and Hold Middle Mouse Button
- OR
- Rotation Pad

Magnify:

- Scroll Middle Mouse Button

Tool Menu:

- Right Mouse Button

Use Tool:

- Left Mouse Button

Select the **START INSPECTING** button to go to the bridge.

New, 5-Day Bridge Inspection Course for Professional Engineers

NHI just launched another version of its highly-acclaimed bridge inspection course. This new instructor-led training meets the National Bridge Inspection Standards (NBIS) requirement for comprehensive bridge inspection training and has been streamlined to better suit experienced Professional Engineers, while retaining strong emphasis on bridge inspection, documentation, and coding requirements.

During the course participants complete a virtual bridge inspection in lieu of a traditional field trip, saving time and expenses while providing more flexibility. It also ensures participants gain exposure to more than 30 different bridge conditions and defects that would likely not be present on a single bridge in the field.

[Learn More](#)

NEW & UPDATED COURSES

NHI offers new and updated transportation trainings based on the latest technologies, best practices and industry advancements. Select the link for any course to learn more about it, submit a host request, or view scheduled sessions to attend.

Asset Management

[Introduction to Financial Planning for Transportation Asset Management](#)

[Risk Management](#)

Communications

[Instructor Development Course \(IDC\) for Web-conference Training](#)

Construction and Maintenance

[Rockfall Stabilization](#)

Environment

[Fundamentals of Environmental Justice](#)

Geotechnical

[Ground Modification Methods \(Full Version\)](#)

[Ground Modification Methods \(Abridged Version 1: Lightweight Fills, Deep Compaction, Soil Mixing, and Grouting\)](#)

[Ground Modification Methods \(Abridged Version 2: Vertical Drains, Aggregate Columns, Column Supported Embankments, Pavement Support Stabilization, and Reinforced Soil Structures\)](#)

Highway Safety

[Speed Management](#)

Hydraulics

[Hydraulic Toolbox](#)

[Culvert Hydraulic Analysis and Design Program \(HY-8\)](#)

Structures

[Safety Inspection of In-Service Bridges for Professional Engineers](#)

[Design and Evaluation of Bridges for Fatigue and Fracture](#)

[Tunnel Safety Inspection Refresher Prerequisite](#)

[LRFD Design of Common Bridge Elements: Decks and Bearings](#)

[LRFD Steel I-Girder Details Design](#)

[Prestressed Concrete Girder Topics](#)

[Fundamentals of Bridge Maintenance](#)

[Bridge Maintenance](#)

Transportation Performance Management

[The Role of Data in Transportation Performance Management](#)

[Transportation Performance Management \(TPM\) for Safety](#)

[Effective Target Setting for Transportation Performance Management](#)

Transportation Planning

[Basics of Transportation Planning](#)

[Transportation Planning Process](#)

Get Alerts for NHI Training

Did you know you can opt-in to receive alerts when:

- New training on a particular subject is launched or updated
- Training is scheduled in a particular state or geographic region
- Training sessions are scheduled nationwide for a specific course or program area

[**Sign Up**](#)

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