

LEARNING IN PROGRESS | July 2017

Learning in Progress will now be sent monthly! To make sure you get the latest news and updates on transportation courses and trainings, please add us to your address book.

Traffic Incident Training Helps Responders Cleanup Before Rush Hour



Firefighters respond to a fuel tanker fire in Denver. (Image courtesy of the Denver Post)

On May 31, [first responders in Denver](#) worked quickly to clear a fiery scene just before morning rush hour: "[The responders] had previously worked together, thanks to the Federal Highway Administration's Traffic Incident Management training. Each crew knew what the other needed and each knew when to stay out of the way."

The TIM Responder training helps first responders learn how to operate more efficiently and collectively for the safe, quick clearance of traffic incident scenes.

Register for the free, web-based [Traffic Incident Management \(TIM\) Responders Training](#) today!

[Register Today](#)

New & Updated Courses

The National Highway Institute 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](#) Explores common terms, background information, and the context of financial plans for Transportation Asset Management.

[Risk Management](#) Exposes participants to the principles, tools, and techniques used to identify, prioritize, respond to, and monitor risk.

Communications

[Instructor Development Course \(IDC\) for Web-conference Training](#) Teaches instructors who have taken the Instructor-led version of the IDC to effectively deliver interactive training using NHI software.

Construction and Maintenance

[Rockfall Stabilization](#) Familiarizes construction inspectors with current techniques utilized in stabilizing rock slopes with respect to rockfall.

Freight and Transportation Logistics

[Fundamentals of Freight Data Workshop](#) Provides participants with a broad knowledge of freight data sources, as well as the ability to utilize freight data for transportation planning program or project development, and policy analysis.

Geotechnical

[Ground Modification Methods \(Full Version\)](#) Provides participants the knowledge and ability to effectively implement the latest ground modification methods and procedures used in connection with transportation related construction. It is also offered as two separate abridged courses:

[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](#): Emphasizes how state and local governments can improve community safety by integrating speed management principles into three critical safety focus areas: roadway departures, intersections, and pedestrians and bicyclists.

[Transportation Performance Management \(TPM\) for Safety](#) Explains the safety performance measures and noteworthy practices for States to adopt to comply with the Moving Ahead for Progress in the 21st Century Act (MAP-21) and Fixing America's Surface Transportation (FAST) Act requirements.

Hydraulics

[Hydraulic Toolbox](#) Serves as an introduction to most of the calculators in FHWA's Hydraulic Toolbox, through a combination of discussion, graphics, examples, and workshop problems.

[Culvert Hydraulic Analysis and Design Program \(HY-8\)](#) Provides training on the use of the FHWA's HY-8 computer program to complete culvert analysis and design calculations commonly performed by Civil Engineers and others involved in roadway design.

Intelligent Transportation Systems

[ITS Procurement](#) Developed to help transportation professionals successfully acquire effective goods, services, and work to meet emerging ITS needs on time and on budget.

Structures

[Design and Evaluation of Bridges for Fatigue and Fracture](#) Presents relevant issues related to fatigue and fracture in steel bridges, including analysis, design, evaluation, repair, and retrofit.

[Tunnel Safety Inspection Refresher Prerequisite](#) Introduces participants to basic concepts regarding tunnel inspection and safety.

[LRFD Design of Common Bridge Elements: Decks and Bearings](#) Explains the design considerations for decks and bearings.

[LRFD Steel I-Girder Details Design](#) Training to apply the key LRFD limit state verifications for specific details associated with steel girders.

[Prestressed Concrete Girder Topics](#) Training to apply the key LRFD limit state verifications for prestressed concrete girders made continuous.

[Fundamentals of Bridge Maintenance](#) Teaches the participant the fundamental aspects of an effective bridge maintenance program.

[Bridge Maintenance](#) Teaches participants common deficiencies that occur in bridges, common defects in bridge elements, preventive maintenance techniques, and protective systems intended to prevent deterioration and deficiencies in bridges.

Transportation Performance Management

[Steps to Effective Target Setting for TPM](#) Explains the elements of target setting for Transportation performance management (TPM) and focuses on how to set reasonable, attainable targets.

Transportation Planning

[Basics of Transportation Planning](#) Introduces participants to the basics of the complex process of transportation planning.

[Transportation Planning Process](#) Expands participants' knowledge and understanding of planning practice fundamentals through the use of small group discussions and engaging activities, jeopardy-like games, and interactive peer exercises.

TRANSPORTATION IN THE NEWS

[DOT Secretary's Blog](#)

[Every Day Counts News](#)

[Public Roads Magazine](#)

[SHRP2 Solutions](#)

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