

# GUARDRAIL SAFETY TRAINING

**MISSION:** To develop and deliver a program that incorporates training, technical briefs, pocket guides and checklists that will improve an agency's ability to design, install, maintain and repair roadside barrier systems through a sustained program that will improve roadway departure safety.



## Program Objectives:

- Develop State-specific training and materials directly related to barrier selection, design, installation and maintenance.
- Conduct training based on State-specific policies and guidelines.
- Establish a mentor program to identify and train a go to person in each highway District to address barrier related questions and to train additional personnel.

## Tools Offered

### **Highway Barrier Designer Training**

1-day training course to address proper selection and design of traffic barriers, including end terminals, transitions, and crash cushions.

### **Highway Barrier Installation, Inspection and Maintenance Training**

2-day training course with the first day addressing installation, inspection and maintenance/repair of traffic barriers and terminals. The second day features presentations by manufacturers on products used in the State and includes hands-on demonstrations.

### **Technical Briefs**

These one-page briefs provide summary information and guidance on up to five topics selected by the host agency. Issues related to design, installation, or maintenance/repair can be selected.

### **Roadside Safety Pocket Guide**

A quick-reference field manual that is State-specific and focuses on State policies and standards. Target users are personnel primarily involved in inspection and maintenance/repair to barrier installations.

### **Barrier Design Chart and Inspection Checklist**

Additional tools developed to help State personnel in their daily activities and ensure an optional barrier design and installation.

### **Train-the-Mentor (TTM) Training**

Initiative will help States to continue to provide a formal structure that trains their employees, promotes individual development through the transfer of skills, expert knowledge and insight, and retains and expands valuable experience and knowledge within the department.

*".. incorporation of State specific policies, standards and examples was extremely valuable. This made the course twice as useful compared to a canned, standard presentation"*



# HOST THIS TRAINING

TAKE ADVANTAGE OF  
***FAST ACT***

Public Law 114-94 §1418

CUSTOMIZED TO STATE PRACTICES & POLICIES

## MEET THE MANUFACTURERS

Learn directly from them how their hardware performs under impact and how to assemble, install and maintain their systems for optimal performance in the field.

## MEET THE INSTRUCTORS

Each training session will be presented by two of our experienced instructors drawn from the ranks of former Federal Highway Administration, State DOT, and Industry personnel. Each is a recognized expert in the field of barrier design, installation and maintenance operations, with multiple years of relative experience within their respective agencies.



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

Barrier fatalities are particularly disturbing since the primary function of a traffic barrier is to reduce the severity of a crash. One of the primary goals of this project is to minimize severe crashes by using barrier only when it is warranted and by selecting, designing, and installing an effective barrier when shielding a roadside obstacle or terrain feature.

FHWA's FAST Act Guardrail Safety Training offers the tools for the State DOTs to provide their personnel and contractors with the appropriate information needed to ensure optimal barrier installations.

## FOR MORE INFORMATION CONTACT

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# Guardrail Safety Training



- *Improve barrier design.*
- *Construct optimal barrier installations.*
- *Maintain/repair devices to original condition.*
- *Promote the development of expertise throughout the agency.*