Course Number
FHWA-NHI-380126

Course Title
Where Highways Meet Rails: Crossing Safety

This course will help participants assess, evaluate, and enhance crossing safety in their jurisdictions. It will also cover the planning and funding process for crossing improvement projects.

The training provides information on rail-highway crossings, grade crossing components, including program/project development and administration. Course activities provide the participants a chance to engage with the content in meaningful ways and includes such items as historical background, railroad-highway intersection definition and components, collection and maintenance of data, assessment of crossing safety and operations, identification and selection of alternate improvements, program and project development and implementation, maintenance, and other topics. Throughout the course, participants submit questions and assignments through a monitored mailbox and should anticipate responses within 1 business week or sooner.

Participants work at their own pace, accessing the course materials and assignments via NHI “My Training” page.

Outcomes

Upon completion of the course, participants will be able to:

1) Explain the adverse impacts of incidents at highway-rail crossings
2) Identify the components, types, characteristics, and dynamics of highway-rail crossings
3) Employ designated resources for assessing crossing safety
4) Identify regulations and requirements applicable to highway-rail crossings
5) Evaluate highway-rail crossing for safety issues
6) Select safety enhancements for given crossing environments and situations
7) Navigate the planning and funding process for effectively improving safety at crossings

Target Audience

The target audience for this course includes personnel responsible for the design, construction, and/or maintenance of highway-rail crossings, or those responsible for grade crossing safety. Such personnel may include planners, engineers, and other roles from Federal, State, and local transportation agencies, as well as contractors, consultants, and construction representatives.

Training Level: Intermediate

Fee: 2022: $0 Per Person; 2023: N/A

Length: 24 HOURS (CEU: 2.4 UNITS)

Class Size: Minimum: 0; Maximum: 0

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