



## COURSE NUMBER

FHWA-NHI-131139

## COURSE TITLE

### Constructing and Inspecting Asphalt Paving Projects

The goal of this course is to prepare participants to ensure asphalt pavement construction projects conform to quality and technical specifications. The course materials introduce asphalt pavement construction best practices, from the importance of understanding project administration roles and responsibilities to the most vital elements of laydown operations and compaction.

Participants learn construction management responsibilities; recognize proper construction practices; identify construction issues and their source; determine the impact of construction issues on performance; and select communication strategies for contractors, consultants, and superiors. They can then apply the knowledge and skills to maximize quality on construction projects.

The course emphasizes the importance of a proactive approach to managing and inspecting construction projects at every stage. This includes quickly addressing problems, implementing corrective actions, and documenting communications between the agency and contractor.

Prior to attending class, participants complete a 5-minute online pre-assessment that identifies their familiarity with their agency's asphalt pavement construction and inspection topics and issues they hope to address through training. The pre-assessment is distributed by the Local Coordinator on behalf of the instructor.

## OUTCOMES

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

- Explain the agency's and contractor's roles and responsibilities in supporting project quality
- Identify asphalt pavement construction best practices
- Relate common asphalt pavement construction issues to possible causes and impact on pavement performance
- Explain how to communicate construction issues to the contractor and up the project chain of command effectively
- Describe appropriate, timely inspection documentation procedures

## TARGET AUDIENCE

This course is designed for participants who ensure a project is built to the owner's specifications. Participants can be relatively new to asphalt or general project inspection; however, those with broader experience will learn about innovative asphalt pavement construction technologies, participate in class discussions, and share successful practices. The primary audience comprises Federal, State, consultant, and local agency inspectors and contractor personnel who are involved in the planning, construction, and review of asphalt paving projects.

**TRAINING LEVEL:** Intermediate

**FEE:** 2020: \$250 Per Person; 2021: N/A

**LENGTH:** 2 DAYS (CEU: 1.3 UNITS)

**CLASS SIZE:** MINIMUM: 20; MAXIMUM: 30

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