



COURSE NUMBER

FHWA-NHI-130109A

COURSE TITLE

Bridge Management Fundamentals

When the average citizen commutes to work or runs errands, they are relying on us, public transportation agencies, to keep their bridges safe and available for use. It is their expectation that we keep their bridges serviceable and at the lowest life-cycle cost possible. Bridge management systems will help your agency to efficiently balance the various bridge needs against available resources. The Bridge Management Fundamentals course describes a bridge management system and walks through the process of selecting and implementing the right bridge management software for your agency. Throughout the course, you will learn direct from agencies with mature and successful bridge management systems about how they get the most utility from their system.

OUTCOMES

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

- Explain the need for a BMS
- Describe a typical BMS organizational structure
- Describe the seven components of a BMS
- Describe tools that are used as part of the bridge management process
- Describe an implementation plan for a comprehensive BMS
- Describe effective practices when using BMSs
- Identify successful applications of BMS components by agencies
- Describe the bridge management process as it relates to an agency business model
- Describe how to address risk

TARGET AUDIENCE

The target audience includes Federal, State, and local bridge program managers; bridge management engineers; bridge management practitioners; transportation planners; and project planning and programming personnel. Additionally, transportation performance management team members, transportation asset management team members, bridge preservation and maintenance engineers, the financial management team, bridge inspectors, and bridge designers may benefit from this training. All participants should have knowledge of basic bridge terminology.

TRAINING LEVEL: Basic

FEE: 2017: \$50 Per Person; 2018: N/A

LENGTH: 4 HOURS (CEU: .4 UNITS)

CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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