



## COURSE NUMBER

FHWA-NHI-138008

## COURSE TITLE

### Transportation Performance Management (TPM) for Bridges

Starting in 2019, this course will be delivered for free to Metropolitan Planning Organizations and State DOTs. The reduced price is being provided by the FHWA Office of Infrastructure. YOU CAN PREVIEW A SUMMARY OF THIS COURSE BY COPYING AND PASTING THE FOLLOWING URL: <https://connectdot.connectsolutions.com/nhi138008executivesummary/>

'Transportation Performance Management for Bridges' is a one-day Instructor-led Training course offered by NHI, the authoritative source in transportation training.

Moving Ahead for Progress in the 21st Century Act (MAP-21) established, and Fixing America's Surface Transportation (FAST) continued, new requirements for reporting on national performance measures and making progress toward targets in several national goal areas, including the condition of the bridges on the National Highway System (NHS). This course helps agencies apply Transportation Performance Management (TPM) concepts to implement the bridge-related TPM requirements.

The course begins with an overview of key performance management concepts. It then reviews performance measures defined for assessing and reporting bridge performance. Finally, the course details how to set and report bridge performance targets and assess performance against agency targets.

The main goals of the course are to provide agency staff with the skills and abilities to use the national bridge performance management measures to assess bridge condition, establish bridge performance targets, report bridge performance, and assess progress toward achieving bridge performance targets in compliance with the TPM requirements in 23 CFR 490.

The course is organized in the following lessons:

- + TPM Overview
- + Bridge Performance Management and Related Rules
- + Bridge Performance Data
- + Setting Bridge Performance Targets
- + Reporting, Accountability, and Transparency

The course includes a written assessment. The course was launched in May 2018.

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To enroll in this Instructor-led Training course, select the 'View Sessions' button and select 'Add To Cart' next to your session choice. If there are no upcoming sessions, select 'Sign Up for Session Alerts.'

Any organization can host this course. To host this course and bring training to your organization, click the 'Host this Course' button.

## OUTCOMES

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

- Describe the transportation performance management (TPM) requirements related to bridge performance
- Describe the performance-based planning and programming process and asset management process as they apply to bridges
- Identify required bridge performance measures, as well as other common bridge performance measures
- Use and interpret bridge performance data
- Identify key supporting business practices for establishing and assessing progress toward achieving targets
- Establish bridge performance targets using data on existing performance and predicted future funds, deterioration, and investment strategies
- Explain common challenges in establishing bridge performance targets and approaches that can be used to address them
- Describe required process for bridge performance measurement, reporting, and assessment

## **TARGET AUDIENCE**

The target audience for this Instructor-led Training course consists primarily of professionals responsible for collecting, analyzing, and reporting bridge performance data; managing bridge inventories; recommending bridge investment strategies; and setting bridge performance targets. This audience includes bridge managers, asset managers, planners, performance management, and programming staff of State and local agencies, consultants, and FHWA.

**TRAINING LEVEL:** Basic

**FEE:** 2021: \$0 Per Person; 2022: N/A

**LENGTH:** 1 DAYS (CEU: .6 UNITS)

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

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