



COURSE NUMBER

FHWA-NHI-138022

COURSE TITLE

Making the Connection between HPMS Data Items and TPM

'Making the Connection between Highway Performance Monitoring System (HPMS) Data Items and TPM' is a ninety-minute Web-based training (WBT) course offered by NHI, the authoritative source in transportation training.

The passage of the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act ushered in a range of new provisions for the Federal-aid highway program related to transportation performance management and highway infrastructure. State Departments of Transportation (DOTs), metropolitan planning organizations (MPOs), FHWA Division Offices, and other stakeholders are seeking information about requirements, as well as noteworthy practices.

This course provides an effective, time-efficient, and accessible format for practitioners in State DOTs, MPOs, FHWA, and other groups. This format provides a richer context for information than static materials through the use of knowledge checks and other interactive features.

The goal of this course is to introduce you to HPMS as it relates to TPM, as well as data items used to meet TPM requirements. The course will help you understand how HPMS supports TPM performance measures, as well as how TPM has affected HPMS requirements. The course will also help you understand reporting requirements for each of the data items included in the course. This knowledge will help you ensure the HPMS workflows and processes at your State DOTs align with the HPMS requirements and timeline. Additionally, you will gain the knowledge and skills needed to collect, process, and report TPM-related data in an HPMS-compliant manner.

The course is organized into the following lessons:

- =Welcome and Overview
- =Sections Data Set
- =Inventory Data Items
- =Pavement Data Items
- =Special Networks Data Items
- =Travel Time Data Items
- =Overview of Reporting Requirements
- =Overview of Timeline Requirements

This course was launched in November of 2019.

The course includes an end-of-course assessment.

To enroll in this Web-based Training course, select 'Add To Cart.'

OUTCOMES

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

- Identify why TPM requirements were created
- Identify how HPMS supports TPM national goals and performance measures
- Recognize the importance of following data submission requirements
- Identify the reporting requirements for the Sections dataset
- Identify reporting requirements for select inventory data items, pavement data items, special networks and National Highway System (NHS) data items, and travel time data items
- Recognize the importance of updating existing workflows to align with reporting requirements related to TPM
- Identify how to process data to meet HPMS reporting requirements
- Recognize changes to the HPMS timeline for data collection related to TPM and for reporting due to TPM
- Identify what happens to the data post-submission



TARGET AUDIENCE

The target audience for this web-based training course includes State Department of Transportation (DOT) HPMS coordinators and staff that collaborate within their respective agencies (from other offices, divisions, etc.) for HPMS purposes; performance analysts including, but not limited to, traffic engineers, pavement engineers, GIS analysts, and roadway inventory management analysts; junior-level State DOT employees or employees unfamiliar with HPMS; and State DOT consultants.

TRAINING LEVEL: Basic

FEE: 2020: \$0 Per Person; 2021: N/A

LENGTH: 1.5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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