



COURSE NUMBER

FHWA-NHI-138025

COURSE TITLE

Investment Decision Making and TPM

'Investment Decision Making & 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 provide you a foundational knowledge base about how legislative and regulatory requirements related to TPM and asset management affect investment decision making during planning. This foundation will give you the skills needed to help your DOT or MPO integrate the requirements into your wider investment decision-making processes.

The course is organized into the following lessons:

- = Welcome and Overview
- = Cross-Asset Resource Allocation & MODA Techniques
- = MODA Framework
- = Basic Principles of Enterprise Risk Management

This course was launched in December 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 how investment decision making at your State DOT or MPO can be strengthened during development of statewide or metropolitan plans by integrating it with TPM elements (including goals, measures, and targets)
- Identify how a MODA framework and MODA techniques can help practitioners consider tradeoffs and optimize allocation of transportation investments to achieve desired performance outcomes via cross-asset allocation
- Identify how programming within and across performance areas is beneficial
- Identify the importance of choosing broad strategies during planning that will inform selection of projects during programming that best ensure progress toward performance goals, objectives, or targets
- Identify the importance of evaluating tradeoffs across alternative investment scenarios, based on comparison of their predicted impacts on performance targets and goals
- Identify how risk management complements investment decision making and TPM
- Identify how MODA can be used to help with risk management

TARGET AUDIENCE

The target audience for this web-based training course includes practitioners and supervisors in State DOTs and MPOs responsible for planning, programming, performance management, and asset management.



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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