

FHWA MATC ASPHALT 101 COURSE

FHWA-HIF-24-044

OVERVIEW

The FHWA Mobile Asphalt Technology Center (MATC) is offering a free 1-day training course to members of State highway agencies, contractors, local agencies, tribal governments, and other organizations who engage in the design and construction of asphalt pavements. The goal of this introductory-level course is to provide background on asphalt mixtures: how they are designed, how they are produced, how they are constructed, and how they are evaluated. The course is intended to introduce key concepts on the cradle-to-construct portion of the life of an asphalt pavement. After successful completion of the training, participants will be equipped to apply practices that can aid in effective inspection and better identify issues with asphalt materials and construction to improve quality.

Who Should Attend?

- DOT construction & materials staff
- Consultant engineers
- Contractor & agency field inspectors
- Local and tribal government engineers
- FHWA Division Office staff

Intended for staff who have little to no background in asphalt materials and construction

WHAT WILL YOU DISCUSS?

The training course introduces basic concepts and practices to improve quality throughout the entire asphalt paving process. Effective practices for material handling, testing, inspection, and the paving process are presented in the context of the host state. Topics of discussion include:

- Materials and Mix Design
- Production and Mix Transport
- Surface Preparation and Placement
- Compaction and Post-Construction Evaluation

HOW DO I LEARN MORE?

Contact FHWA-MATC@dot.gov to learn more about scheduling a FHWA Asphalt 101 session. The course is offered as part of a MATC site visit and can be held virtually or in person.



The training presentations do not have the force and effect of law and are not meant to bind the public in any way. They are intended only to provide information to the public regarding existing requirements under the law or agency policies.



U.S. Department of Transportation
Federal Highway Administration

MATC
MOBILE ASPHALT
TECHNOLOGY CENTER