ASPHALT 101 WEBINAR SERIES

MATC
MOBILE ASPHALT TECHNOLOGY CENTER

OVERVIEW

The FHWA Mobile Asphalt Technology Center (MATC) is offering a **free four-part webinar series** for State highway agencies, contractors, local agencies, tribal governments, consultants, and others involved in asphalt pavement design, construction, materials, or inspection. The series provides an introductory or refresher overview of how asphalt mixtures are designed and produced, and how asphalt pavements are constructed and evaluated.

Register separately for each session and attend one or all four.

Who Should Attend?

- DOT design, construction, & materials staff
- Consultant engineers
- Field inspectors
- Specification developers
- Local and tribal government engineers
- FHWA Division Office staff

For staff with little to no background in asphalt materials and construction - or as a refresher for experienced staff.

WEBINAR SCHEDULE & REGISTRATION

SESSION 1
Monday, November 30, 2026
1:00 - 3:00 PM ET
Asphalt Fundamentals, Materials & Mix Design
Mixture components, binder and aggregate basics, RAP, volumetrics, and conventional mix design.

REGISTER FOR SESSION

SESSION 2
Wednesday, December 2, 2026
1:00 - 3:00 PM ET
Mechanical Testing, BMD & Asphalt Production
Mechanical mixture testing and BMD concepts, plant operations, and production quality.

REGISTER FOR SESSION

SESSION 3
Monday, January 4, 2027
12:00 - 2:00 PM ET
Surface Preparation, Transport & Placement
Surface preparation and tack, mixture transport, paver fundamentals, segregation, joints, and temperature uniformity.

REGISTER FOR SESSION

SESSION 4
Wednesday, January 6, 2027
12:00 - 2:00 PM ET
Compaction & Evaluating the Finished Pavement
Compaction fundamentals, density, longitudinal joints, thickness, smoothness, friction, texture, and emerging technologies.

REGISTER FOR SESSION

WHAT WILL YOU LEARN?

By the end of the webinar series, participants will be able to:

- Describe the key factors that influence asphalt pavement quality.
- Explain how asphalt mixtures are designed and evaluated.
- Identify important practices during asphalt production and transport.
- Recognize key considerations during placement and compaction.
- Identify common issues that can affect pavement performance.

Questions about the webinar series?

Contact:
FHWA-MATC@dot.gov



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.

MATC
MOBILE ASPHALT TECHNOLOGY CENTER