



# DEPLOYMENT OF ASPHALT PAVEMENT TECHNOLOGIES (DAPT) WEBINAR SERIES

**WHAT IS IT?** The Deployment of Asphalt Pavement Technologies (DAPT) webinar series is your gateway to the latest information and implementation aspects of various asphalt pavement technologies.

**HOW?** Hosted by the University of Nevada, Reno and moderated by the FHWA, these webinars cover several topics such as resource responsible use of materials, quality assurance, and balanced mix design of asphalt mixtures.

**WHAT SETS APART THESE SESSIONS?** Open access for all, active participation in Q&A sessions, and the added benefit of earning professional development hours/continuing education units (PDH/CEU).

## ASPHALT BINDER

- ▶ [Delta Tc \( \$\Delta T\_c\$ \) Binder Specification Parameter](#)
- ▶ [Multiple Stress Creep and Recovery \(MSCR\) Implementation and Transition](#)
- ▶ [Responsible Use of Re-refined Engine Oil Bottoms and Polyphosphoric Acid Modifications of Binders](#)

## BALANCED MIX DESIGN

- ▶ [Adjusting Asphalt Concrete Mix Designs to Optimize Laboratory Performance](#)
- ▶ [Eight Tasks Toward Implementation of Balanced Mix Design for Asphalt Mixtures](#)
- ▶ [Industry Practices and Suggestions for Adjusting Asphalt Mixtures to Meet Balanced Mix Design \(BMD\) Specifications](#)
- ▶ [BMD Peer-To-Peer Exchanges: Findings and Challenges to Implementation](#)

## PAVEMENT DESIGN AND CONSTRUCTION

- ▶ [Demonstration Projects, Related Specifications, and Techniques for Improving Density](#)
- ▶ [Overcoming Obstacles to Achieve Mat Density and Improve Joint Performance](#)
- ▶ [SMA Mixtures: Advances in Design and Construction](#)

## QUALITY ASSURANCE FOR ASPHALT

- ▶ [Asphalt Materials Quality Assurance Practices](#)
- ▶ [Intelligent Construction Equipment for Use in Quality Assurance Programs](#)

## RECYCLING

- ▶ [Asphalt Mixture Considerations for Use of GTR Modified Asphalt Binders](#)
- ▶ [Resource Responsible Use of Recycled Tire Rubber in Asphalt Pavements](#)
- ▶ [Resource Responsible Use of High RAP \(up to 50%\) Asphalt Mixtures](#)
- ▶ [Successful Practices and Lessons Learned When Using Reclaimed Asphalt Shingles in Asphalt Mixtures](#)
- ▶ [Asphalt Pavement Recycling Technologies: Overview of Successful Practices](#)

## SUSTAINABILITY

- ▶ [Asphalt Pavement Carbon Footprint Reduction: Overview of Techniques, Needs and Opportunities](#)

## OTHER

- ▶ [DDIAPT Products: Overall Review and Impact on Strategic Goals](#)

Visit the FHWA website for additional information and related publications at <https://www.fhwa.dot.gov/pavement/asphalt/coopmaterials/>.

For more information or technical assistance, please contact: **Tim Aschenbrener, FHWA, [timothy.aschenbrener@dot.gov](mailto:timothy.aschenbrener@dot.gov)**.

**IT'S NOT JUST A WEBINAR—IT'S AN OPPORTUNITY FOR GROWTH AND STAYING AT THE FOREFRONT OF ASPHALT PAVEMENT TECHNOLOGIES!**

**ALL WEBINARS ARE AVAILABLE ON-DEMAND**

Click on each title to watch the webinar