



NPTW

ASPHALT INSTITUTE | AIRPORT PAVEMENT TECHNICAL WORKSHOP



Federal Aviation Administration



Kiewit

Registration Form - November 17-19, 2026 - Lone Tree, Colorado

Asphalt Pavement Design, Construction and Maintenance (23 PDHs)

This workshop provides the most up-to-date information for professionals involved in the design, construction, and management of asphalt airport pavements. It focuses on current Federal Aviation Administration (FAA) requirements and other applicable industry standards, including specifications, advisory circulars, design criteria, and policy guidance.

Topics include pavement design and evaluation, materials, mix design, construction practices, preservation, and rehabilitation, along with innovative pavement technologies for airport applications.

Participants will hear a detailed break-down of the P-401 specification and other important aspects of AC 150/5370-10 from AI, FAA and consulting engineer experts, emphasizing the latest updates resulting from a two-year-long rewrite.

The workshop also includes an in-depth review of FAARFIELD 2.0 airport pavement design software and AC 150/5320-6G, Airport Pavement Design and Evaluation. FAARFIELD 2.0 features a completely redesigned graphical user interface (GUI) with improved navigation, an updated 3D finite element computational engine, a new graphical vehicle editor, an expanded aircraft library, and other enhancements.

Highlighted Topics

- P-401 Specifications, Marshall and Gyratory Mixes
- Materials and Construction
- Quality Control and Acceptance
- FAA Thickness Design
- Pavement Evaluation
- Maintenance and Rehabilitation Methods

Who Should Attend

The workshop is intended for airport managers and engineers, consultants, engineering personnel, testing laboratory personnel, construction inspectors, and others who have responsibility for airport pavement design, construction, maintenance and rehabilitation.

Conference Location

Kiewitt Lone Tree Circle Campus
10055 Trainstation Circle
Lone Tree, Colorado 80124

To Register

\$1,795 per person
\$1,595 State Aviation Officials
\$1,395 FAA Personnel

Registration fees cover all workshop materials, breaks and lunches.
asphaltinstitute.org • 859-288-4960

November 17-19, 2026 • Airport Pavement Technical Workshop

Program (Lessons, times and presenters are subject to change without notice.)

November 17, 2026 – Day One

Moderator: John Duval

7:00-8:00 a.m. Check-in and Registration

8:00 a.m.

National FAA/Asphalt Institute Pavement Technical Workshop Program
Mark Buncher, Asphalt Institute

Airport Pavement Terminology and Distress Identification
John Duval, Duval Engineering LLC

Overview of Regional Airport System & Pavement Issues
Jeff Crislip, AAS-110, Federal Aviation Administration

Pavement Design and Evaluation

10:00 a.m.-12:00 p.m.

Airport Pavement Evaluation & Design Concepts
Navneet Garg, FAA Technical Center, Atlantic City, NJ

12:00-1:00 p.m. - LUNCH (included)

1:00 p.m.

Airport Pavement Thickness Design – FAARFIELD Software
Navneet Garg, FAA Technical Center, Atlantic City, NJ

Class Exercise – FAARFIELD Pavement Design
Navneet Garg, FAA Technical Center, Atlantic City, NJ

Overview – FAA Guidance: AAS-100, ACs, EBs, and Website
Jeff Crislip, AAS-110, Federal Aviation Administration

10:00-10:15 a.m. - BREAK

Material Selection

Aggregates in Airport Pavement Structures
Dave Johnson, Asphalt Institute

2:45-3:00 p.m. - BREAK

3:00 p.m.

Asphalt Binders/Selection for Asphalt Projects
Mark Buncher, Asphalt Institute

HMA Mix Design for Airport Pavements – Part I
John Duval, Duval Engineering LLC

4:30-5:00 p.m.

Day 1 Review/Q&A
FAA, Asphalt Institute Engineers

“The technical nature of the workshop was very helpful in learning about the topics covered and the presenters were helpful in answering many questions about actual project related or on-the-job circumstances.”



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November 18, 2026 – Day Two

Moderator: Mark Buncher

Mix Design Considerations

8:00 a.m.

HMA Mix Design for Airport Pavements – Part II
John Duval, Duval Engineering LLC

Example – Review of Contractor Mix Design Submittal
Mark Buncher, Asphalt Institute

9:45-10:00 a.m. BREAK

Construction

10:00 a.m.-12:00 p.m.

Contractor Quality Control Program
Jarrett Welch, Quality Paving Consultants

Owner Acceptance Testing / PWL
John Duval, Duval Engineering LLC

Class Exercise – Pay Factor Analysis
John Duval, Duval Engineering LLC

12:00-1:00 p.m. LUNCH (included)

1:00 p.m.

Prime Coat, Milling and Patching
Dave Johnson, Asphalt Institute

Tack Coat

Dave Johnson, Asphalt Institute

2:00-2:15 p.m. - BREAK

2:15 p.m.

Paving Operations
Jarrett Welch, Quality Paving Consultants

HMA Compaction Operations
Dave Johnson, Asphalt Institute

4:30-5:00 p.m.

Day 2 Review/Q&A
FAA and Asphalt Institute Engineers

Participants are encouraged to bring laptop computers to work on classroom examples in FAARFIELD during the workshop.

Please install the latest versions of FAARFIELD prior to the workshop.

Software is available at:
http://www.faa.gov/airports/engineering/design_software/



November 17-19, 2026 • Airport Pavement Technical Workshop

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November 19, 2026 – Day Three

Moderator: Dave Johnson

Construction (continued)

8:00 a.m.

Longitudinal Joint Best Practices
Mark Buncher, Asphalt Institute

Runway Surface Considerations
Jeff Crislip, AAS-110, Federal Aviation Administration

9:15-9:30 a.m. BREAK

Pavement Management and Preservation

9:30 a.m.

Pavement Management Concepts
Wayne Seiler, All About Pavements (API)

Decoding FAA Surface Treatment Specifications
John Duval, Duval Engineering LLC

Fog Seal, Slurry Seal and Microsurfacing Treatments
Eric Reimschiessel, American Pavement Preservation

Gilsonite and Coal Tar Surface Treatments
John Duval, Duval Engineering LLC

Noon-1:00 p.m. LUNCH (included)

1:00 p.m. Crack Sealing of Airport HMA Pavements
Brian Hatfield, Crafcro Inc.

Pavement Rehabilitation

Rehabilitation of Concrete Pavement with HMA
Mark Buncher, Asphalt Institute

Innovative Technologies

2:45-3:00 p.m. BREAK

3:00 p.m.
Void Reducing Membrane Interlayer for Longitudinal Joints
Todd Thomas, Asphalt Materials Inc.

Fuel-Resistant Asphalt Mixes
Ron Corun, Ergon

4:00-4:30 p.m.
Day 3 Review/Q&A
FAA and Asphalt Institute Engineers

4:30 p.m. Certificates and Adjourn

“Course was well organized,
and speakers were
knowledgeable and
interesting.”



“The speakers were well
prepared and covered
a lot of material.”



REGISTRATION FORM • November 17-19, 2026

Professional Development Hours (PDH)

The workshop will earn attendees 23 Professional Development Hours (PDHs).

Workshop Contacts

John Duval, P.E.

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/Workshop Manager
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Transfer, Cancellation and Refund Policy

Payment and registration must be received no later than ten days prior to the start date of the course. Cancellations received at least ten days prior to the course start date will result in a full refund. No refunds will be provided for course cancellations after that date; however, substitutions will be accepted. Please contact us at 859-288-4960 or seminars@asphaltinstitute.org.

Registration Fees and Materials

The registration fee is **\$1,795** per person. The registration fee is **\$1,595** for State Aviation Officials and **\$1,395** for FAA personnel. Registration fees cover all workshop materials, breaks and lunches.

The following publications are included in the registration fee:

- Asphalt Institute MS-2 Mix Design Methods
- Asphalt Institute MS-22 Construction of Quality Asphalt Pavements
- FAA AC 150/5320-6G Airport Pavement Design and Evaluation
- FAA AC 150/5370-10H Standards for Specifying Construction of Airports
- FAA AC 150/5370-13A Off-Peak Construction of HMA
- FAA AC 150/5380-6C Guidelines & Procedures for Maintenance of Airport Pavements
- FAA AC 150/5380-7B Airport Pavement Management Program
- Course workbook Includes all presentations and handouts
- FAARFIELD FAA Airport Pavement Design Software

REGISTER ONLINE: WWW.ASPHALTINSTITUTE.ORG

Or mail your completed registration form to:

Asphalt Institute
2696 Research Park Drive
Lexington, KY 40511-8480
For additional information: 859-288-4960, seminars@asphaltinstitute.org

(Please use photocopies for additional registrations)

Name _____

Title _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone _____

Email _____

(By providing your e-mail address you give the Asphalt Institute permission to e-mail you.)

Special Meal Requests: Gluten Free Vegetarian Other

Method of Payment

Checks should be made payable to the Asphalt Institute.

\$1,795 \$1,595 (State Aviation Officials)

\$1,395 (FAA Personnel)

Check MasterCard Visa

American Express Discover

Card Account Number: _____

Card Security Number (3 digits on back of card) _____

Exp. Date _____

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