



# 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

Kiewit 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/](http://www.faa.gov/airports/engineering/design_software/)



# November 17-19, 2026 • Airport Pavement Technical Workshop

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

## 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.

Asphalt Institute Consultant  
/Workshop Manager  
Duval Engineering LLC  
946 SW Veterans Way #102 PMB 119  
Redmond, OR 97756  
503-709-7447  
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### Jeff Crislip

Civil Engineer  
Office of Airport Safety & Standards  
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### Mark Buncher, PhD, P.E.

Vice President of Engineering  
Asphalt Institute  
2696 Research Park Drive  
Lexington, KY 40511  
859-288-4972  
mbuncher@asphaltinstitute.org

## 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](http://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: \_\_\_\_\_

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