Learn about significant changes in the NEWEST version of FAA’s P-401.
AC 150/5370-10H brings significant changes to P-401 and other specs pertaining to asphalt paving. Some of these include:
- Adjusted aggregate gradation bands
- Minimum lift thickness guidance
- Tack coat as a separate pay item
- Contractor quality control: greater emphasis, new requirements and separate pay item
- New loaded wheel test requirement for both Marshall or gyratory mixes
- New guidance on PG grade selection
- Reference Density now theoretical maximum density

Highlighted Topics
- Asphalt Binders - Performance Grade Selection and Grade Bumping for Airports
- Asphalt Mix Design and Volumes: P-401 Marshall/Gyratory
- Tack Coat: P-603 (separate pay item under 10H)
- Asphalt Laydown and Compaction to Achieve P-401 Density Requirements
- Longitudinal Joint Best Practices
- Contractor Quality Control Requirements (expanded under 10H)
- PWL and Acceptance Testing Requirements in P-401

Who Should Attend
The clinic is intended for FAA, state aviation, and airport staff, contractors, inspectors, consulting engineers, testing laboratory personnel, and others who are involved in airport asphalt pavement construction.
April 7, 2020 - Day One

Noon - 1:00 pm  Check-in and Registration
1:00 pm  Airport Paving Clinic Overview and Introductions
          Mark Buncher, Asphalt Institute
          Aggregates in Airport Pavement Structures
          John Duval, Duval Engineering LLC
2:30 pm - 2:45pm  BREAK
2:45 pm  Asphalt Binders / Selection for Airport Projects
          Mark Buncher, Asphalt Institute
          Mix Design for Airport Pavements
          John Duval, Duval Engineering LLC
          Day 1 Review/Q&A
5:00 pm  Adjourn for the day

April 8, 2020 - Day Two

8:00 am  Exercise - Review of Contractor Mix Design Submittal
          Mark Buncher, Asphalt Institute
          Contractor Quality Control Program
          Jarrett Welch, Quality Paving Consultants
          Owner Acceptance Testing / PWL
          John Duval, Duval Engineering LLC
10:15 am - 10:30 am  BREAK
10:30 am  Exercise - Pay Factor Calculation
          John Duval, Duval Engineering LLC
          Prime Coat, Milling and Patching
          Mark Buncher, Asphalt Institute
          Tack Coat
          Mark Buncher, Asphalt Institute
Noon - 1:00 pm  LUNCH
1:00pm  Paving Operations
          Jarrett Welch, Quality Paving Consultants
          HMA Compaction Operations-Part 1
          John Duval, Duval Engineering LLC
3:00 - 3:15 pm  BREAK
3:15pm  HMA Compaction Operations-Part 2
          John Duval, Duval Engineering LLC
          Longitudinal Joint Best Practices
          Jarrett Welch, Quality Paving Consultants
          Day 2 Review / Q&A
5:00 pm  Adjourn
Professional Development Hours (PDH)

The clinic will earn attendees 13.25 Professional Development Hours (PDHs).

Clinic Contacts

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Transfer, Cancellation and Refund Policy

You may cancel without penalty up to three weeks prior to the course start date. If you provide the Asphalt Institute less than three weeks’ notice, or fail to attend, you will be liable for the entire fee. Substitutions are permitted. Early registration is recommended as the class size is limited. Call us at 859.288.4960 with any questions or concerns.

Registration Fees and Materials

The registration fee is $695 per person, $595 for State Aviation Officials, $495 for FAA personnel. Registration fees cover all clinic 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 Hot Mix Asphalt
- Course Workbook Includes all presentations and handouts
- Flash drive with pertinent FAA ACs and other info

Register online: www.asphaltinstitute.org

Mail your completed registration form to: Asphalt Institute
2696 Research Park Drive
Lexington, KY 40511-8480
Fax your completed registration form to: 859.288.4999
For additional information, call: 859.288.4960

(Please use photocopies for additional registrations)

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Organization __________________________________________________________

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Method of Payment

Checks should be made payable to the Asphalt Institute.

☐ $695 ☐ $595 (State Aviation Officials) ☐ $495 (FAA Personnel)
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