



Airfield Paving Clinic

By the Asphalt Institute

July 11 and 12, 2019

DKI Airport Conference Center

Private Industry

Speakers:



Danny Gierhart
Asphalt Institute



John Duval
Pavement Services Inc.



Jarrett Welch
Quality Paving
Consultants

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.

Costs: \$1,000 per person. The fee covers course workbook, all presentations and handouts, lunches and break refreshments, and free validated parking. The following publications are also included:

- Asphalt Institute MS-2 Mix Design Methods
- Flash drive with pertinent FAA ACs and other info

This clinic provides focused and detailed guidance on constructing asphalt pavements for Federal Aviation Administration funded airfield pavement projects. Participants will take a deep-dive into the design and production of asphalt mixtures, focusing on the current FAA P-401 specification. Discussion topics will include material specifications, construction guidance, and quality control considerations to construct long-life asphalt pavements in the commercial and general aviation environment.

Learn about significant changes in the just released AC 150/5370-10H. Focus will be placed on the key asphalt-related specification sections necessary for Contractors, Inspectors, Airport staff, Engineers, etc.

Register at: http://hawaiiasphalt.org/event/2019-airfield-paving-clinic/?instance_id=656

Professional Development Hours: 2-day course, 14.0 PDHs

Schedule:

- Thursday, July 11, 2019 - 7:30 a.m. to 4:00 p.m.
- Friday, July 12, 2019 – 8:00 a.m. to 4:00 p.m.
- See attached for detailed course agenda



COURSE AGENDA

Jul 11, 2019 - Day One

7:30 – 8:00 am	Check-in and Registration by HAPI
8:00 - 8:10 am	Welcome and Housekeeping by HAPI Jon Young, Hawaii Asphalt Paving Industry
8:10 – 8:20 am	Welcome by FAA
8:20 – 9:00 am	Airport Paving Clinic Overview and Introductions John Duval, Duval Engineering LLC
9:00 – 10:00 am	Aggregates in Airport Pavement Structures Danny Gierhart, Asphalt Institute
10:00 – 10:15 am	BREAK
10:15 – 11:30 am	Asphalt Binders/Selection for Airport Projects Danny Gierhart, Asphalt Institute
11:30 – Noon	LUNCH
Noon – 1:25 pm	HMA Mix Design for Airport Pavements John Duval, Duval Engineering LLC
1:25 – 2:15 pm	Example—Review of Contractor Mix Design Submittal John Duval, Duval Engineering LLC
2:15 – 2:30 pm	BREAK
2:30 – 3:30 pm	Contractor Quality Control Program Jarrett Welch, Quality Paving Consultants
3:30 – 4:00 pm	Day 1 Review/Q&A FAA and AI Engineers



Jul 12, 2019 – Day Two

8:00 – 9:00 am	Owner Acceptance Testing / PWL John Duval, Duval Engineering LLC
9:00 – 9:45 am	Class Exercise—Pay Factor Analysis John Duval, Duval Engineering LLC
9:45 – 10:00 am	BREAK
10:00 – 10:30 am	Prime Coat, Milling and Patching Danny Gierhart, Asphalt Institute
10:30 – 11:15 am	Tack Coat Danny Gierhart, Asphalt Institute
11:15 – 11:45 am	Paving Operations – Part 1 Jarrett Welch, Quality Paving Consultants
11:45 – 12:15 pm	Lunch
12:15 – 1:15 pm	Paving Operations – Part 2 Jarrett Welch, Quality Paving Consultants
1:15 – 1:45 pm	HMA Compaction Operations – Part 1 Danny Gierhart, Asphalt Institute
1:45 – 2:00 pm	Break
2:00 – 2:45 pm	HMA Compaction Operations – Part 2 Danny Gierhart, Asphalt Institute
2:45 – 3:30 pm	Longitudinal Joint Best Practices Jarrett Welch, Quality Paving Consultants
3:30 pm – 4:00 pm	Day 2 Review/Q&A FAA and AI Engineers