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 Al Engineers