

# 2025 Asphalt & Airport Pavement Meeting



# Industry Partners



# CDOT Aeronautics Update





**Erinn Hoban**  
Association Manager

# 2025/2026 Denver ADO CO & WY Project Update



Northwest  
Mountain  
Region

**Todd Minnich**

FAA Denver Airports District Office



# Northwest Mountain Region

## Denver Airports District Office

### Denver ADO Personnel - Colorado

Manager

Jesse Lyman

Environmental

Kandice Krull  
Clayton Knudson

Planners

John Sweeney (lead)  
Kevin Keith

Project Mgrs.

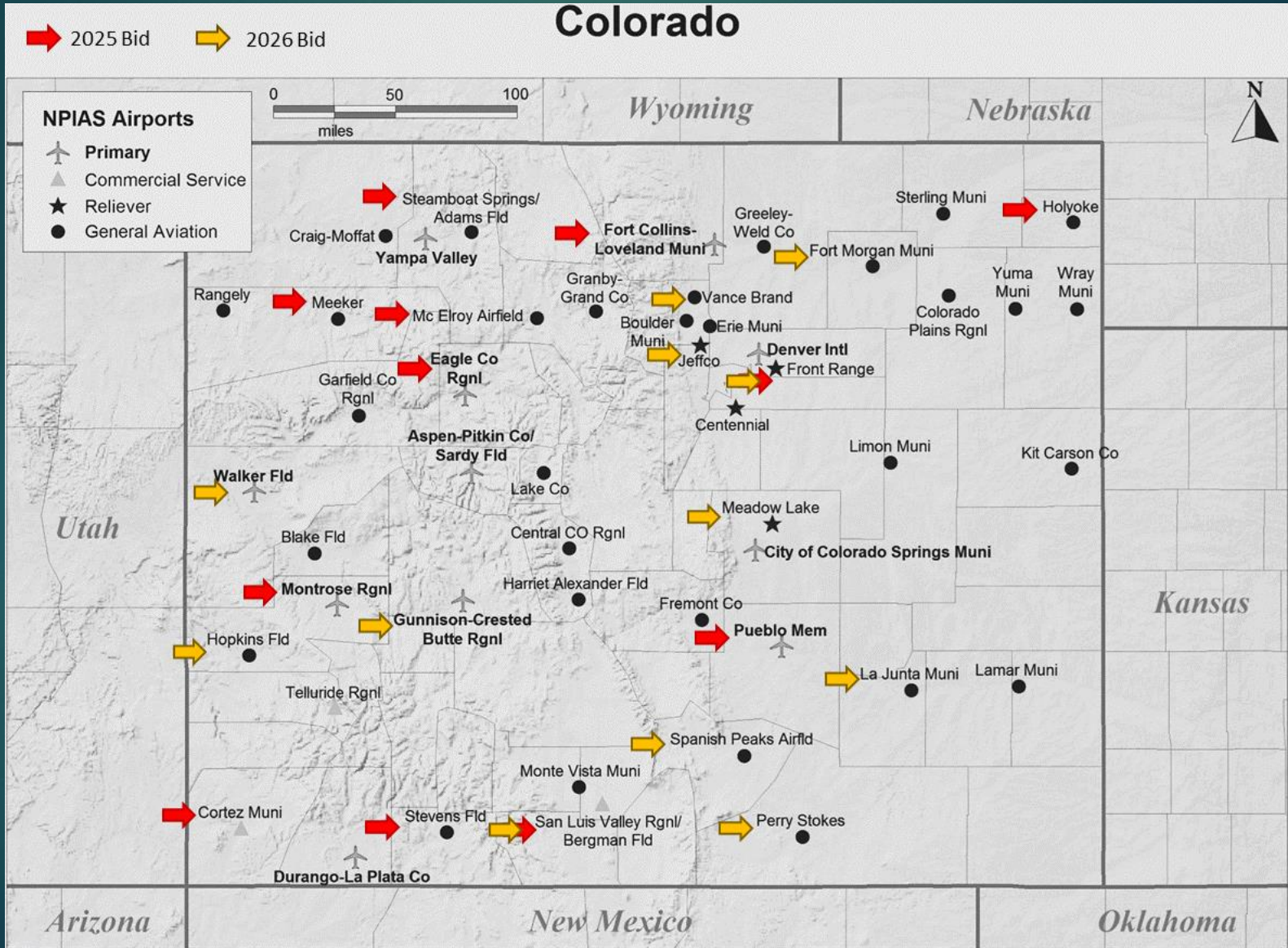
Paulette Lugo  
Todd Minnich  
Joseph Sherrell  
Cameron Bryant  
Rebecca Wersal (DEN)

Northwest  
Mountain  
Region



# Northwest Mountain Region

## Denver Airports District Office





# Northwest Mountain Region

## Denver Airports District Office

2025

### Major Projects (>10,000 tons)

Airport	Consultant	Project	Estimated Bid Schedule	Estimated Quantity
Cortez, CO	Garver	Rehabilitate Runway	April 2025	18,000 Tons P-401
Eagle, CO	Woolpert	Construct Taxiway	April 2025	14,000 Tons P-401
Fort Collins, CO	Dibble	Runway Widening	April 2025	34,000 Tons P-401
Holyoke, CO	Lochner	Rehab Runway	March 2025	12,000 Tons P-401

### Other Projects

Airport	Consultant	Project	Estimated Bid Schedule	Estimated Quantity
Alamosa, CO	Woolpert	Rehabilitate Apron	April 2025	1,500 Tons P-401
Kremmling, CO	Lochner	Rehabilitate Apron	April 2025	2,700 Tons P-401
Meeker, CO	Garver	Rehabilitate Apron	April 2025	2,900 Tons P-403
Montrose, CO	Corgan	Reconstruct Taxiways	April 2025	8,391 Ton P-401
Pagosa Springs, CO	Woolpert	Reconstruct Parking Lot	March 2025	880 Ton CDOT P-403
Pueblo, CO	Dibble	Apron Rehab	March 2025	2,514 Ton P-401
Steamboat, CO	Garver	Access Road	May 2025	500 Tons CDOT
Watkins, CO	Garver	Construct Taxilane, Rehabilitate Taxilane	April 2025	1,400 Tons P-401





# Northwest Mountain Region

Denver Airports District Office

2026

## Major Projects (>10,000 tons)

Airport	Consultant	Project	Estimated Bid Schedule	Estimated Quantity
Broomfield, CO	Woolpert	Rehabilitate Taxiway	April 2026	TBD
Grand Junction, CO	Mead & Hunt	Construct Runway, Taxiway	April 2026	130,000 Tons P-401
La Junta, CO	Dibble	Reconstruct Runway	March 2026	11,563 Tons P-401

## Other Projects

Airport	Consultant	Project	Estimated Bid Schedule	Estimated Quantity
Alamosa, CO	Woolpert	Rehabilitate Apron	March 2026	1,500 Tons P-401
Fort Morgan, CO	RS&H	Expand Apron	January 2026	6,500 SF P-401
Gunnison, CO	Woolpert	Reconstruct Apron	March 2026	7,240 Tons P-401
Longmont, CO	Garver	Reconstruct Taxilane	April 2026	1,000 Tons P-401
Peyton, CO	Lochner	Reconstruct Apron	March 2026	TBD
Nucla, CO	Corgan	Reconstruct Apron	April 2026	TBD
Trinidad, CO	Bolton & Menk	Rehabilitate Parking lot/Access Road	April 2026	TBD
Walsenburg, CO	Garver	Construct Taxiway	April 2026	TBD
Watkins, CO	Garver	Rehabilitate Taxilane	March 2026	500 Tons P-401



**"BEST IN  
COLORADO"**

**ASPHALT PAVEMENT AWARDS**



*Airport*  
**PUEBLO MEMORIAL AIRPORT**  
**Runway 8R-26L**



Electrical Excellence  
ENTERPRISES



# Industry Update



# Airport Procurement Industry Workgroup

## Timing of Procurement

- Issuance of NTP and availability of funding is **CHALLENGE**
- Projects awarded late in year pose difficulty to complete
- Limited NTP could allow contractors to begin preparation



# Airport Procurement Industry Workgroup

## Increasing Competition (Remote Work)

- Risks for scheduling affects contractor's bidding and costs
- Quality of competition is more important than quantity
- Specification flexibility may provide more opportunities



US Army Corps  
of Engineers



AC 150/5370-14A  
Appendix 1

# Hot-Mix Asphalt Paving

American Association of State Highway and Transportation Officials  
Federal Aviation Administration  
Federal Highway Administration  
National Asphalt Pavement Association  
U.S. Army Corps of Engineers  
American Public Works Association  
National Association of County Engineers



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# HANDBOOK 2000

# 2025

Table 4. Surface Temperature Limitations of Underlying Course

Mat Thickness	Base Temperature (Minimum)	
	°F	°C
3 inches (7.5 cm) or greater	40 <sup>1</sup>	4
Greater than 2 inches (50 mm) but less than 3 inches (7.5 cm)	45	7

Figure 11.5 FAA surface temperature specification (Table 4 of Item P-401)



Figure 9.22 Echelon Paving with Four Paving Trains on a Runway at DFW Airport

# Research Project Updates – FAA NAPA AAPTTP

## NAPA AAPTTP Projects

<https://www.asphaltpavement.org/expertise/engineering/airports/current-projects>

- Balanced Mix Design Rutting Tests – *Nearing Completion*
- Feasibility of Cold Central Plant Recycling for Airfield Pavements - *In Progress*
- Validation of Gyration Level for Superpave Gyrotory Compactor for Mix Design and Control of Airport Asphalt Mixtures – *Nearing Completion*
- P-401 Mixtures: Aggregate Gradation Bands – *In Progress*
- RAP P-401 Mixtures – *In Progress*



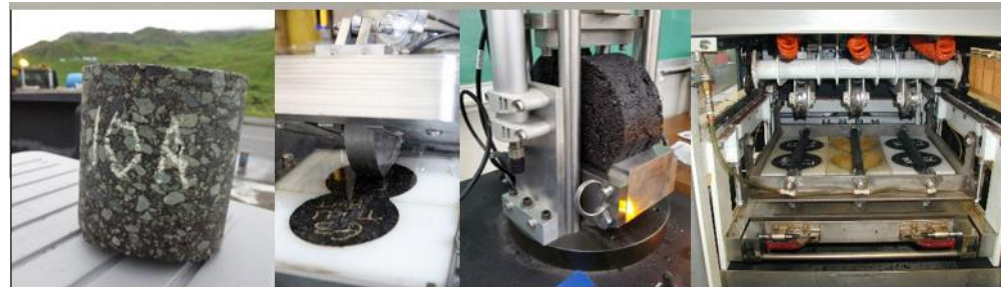


# FAA NAPA AAPTTP

## AAPTTP – Balanced Mix Design Rutting Test

Objective: Rutting mixture performance tests that correlate to field performance and test criteria that protect against premature asphalt mixture rutting failures on airport facilities.

Status: Research completed and final report submitted.



# FAA NAPA AAPTP

## AAPTP – Feasibility of Cold Central Plant Recycling for Airfield Pavements

Objective: assess the feasibility and potential benefits of using CCPR asphalt mixtures at all categories of airports.

Status: Interim Report done; Field test sections at NAPMRC designs 90%.



### Strategic Partners



# FAA NAPA AAPTTP

## Validation of Gyration Level for Superpave Gyrotory Compactor for Mix Design and Control of Airport Asphalt Mixtures

Objective: determine the number of gyrations needed to compact mixtures to produce the same volumetrics as that produced with the Marshall hammer.

Status: Over 50 mixes tested; analysis on-going; anticipate completion Spring 2025

### Strategic Partners

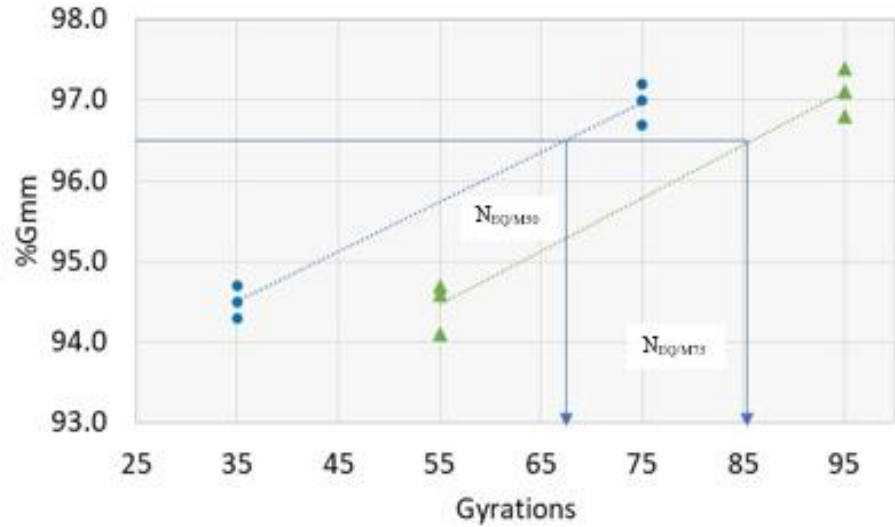


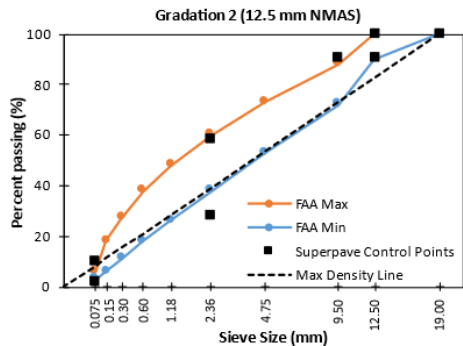
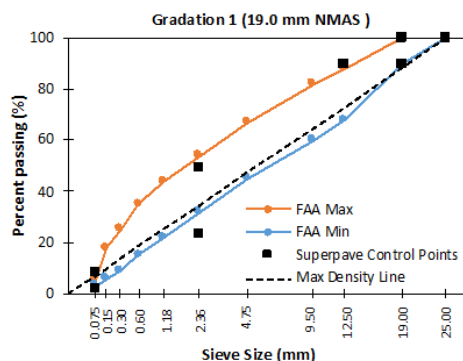
Figure 9. Analysis of % ~~G<sub>mm</sub>~~ vs. No. of Gyration for Each Mixture

# FAA NAPA AAPTP

## AAPTP – P-401 Mixtures: Aggregate Gradation Bands

Objective: recommend gradation range requirements, including critical sieves and allowable ranges, that provide more flexibility for design mixture aggregate gradations without creating adverse effects on mixture performance.

Status: In Progress



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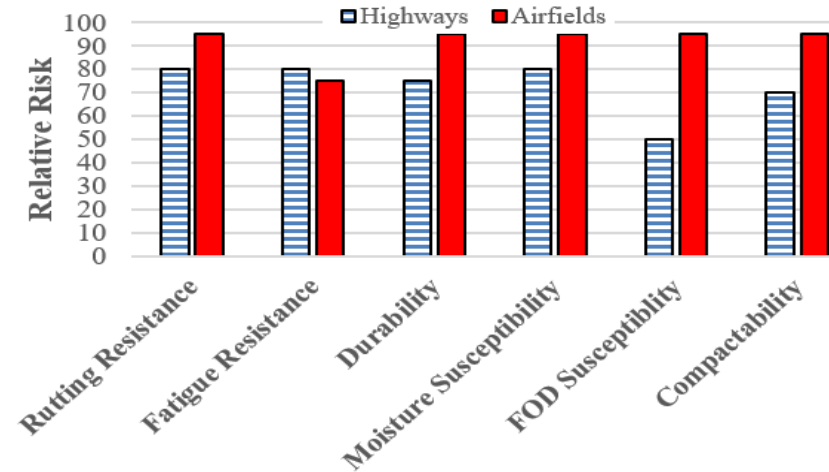
# FAA NAPA AAPTP

## AAPTP – RAP P-401 Mixtures

Objective: develop standards to optimize the use of RAP in all layers of airfield asphalt pavements while maintaining all performance expectations and aligning with national and industry environmental goals. Two RAP levels 20% & 20+% with BMD

Status: In Progress

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# Training & Certification

A black silhouette of a commercial airplane is centered in the background of the slide. The airplane is shown from a top-down perspective, with its wings, tail, and landing gear visible.

**Airfield Asphalt Pavement Inspector Certification**



**NCAT teaches these in Auburn AL, 4x/yr**

The Airfield Asphalt Certification Program is intended to increase the quality of construction for work performed under the UFGS asphalt airfield specifications. The certification program will help to ensure that project team members are knowledgeable in the area of airfield asphalt pavements, with respect to specification and testing requirements, acceptance and quality control, as well as inspection during construction.

## Certifications

### Lab Technician

The Airfield Asphalt Lab Technician Certification is required for personnel who are involved in sampling and testing of aggregates and asphalt mixtures during their production. Certified technicians are responsible for sampling materials and performing acceptance and QC tests on materials during construction. The Airfield Asphalt Lab Technician must be present in the laboratory any time laboratory testing is underway for airfield projects.

### QC Manager

The Airfield Asphalt Pavement QC Manager Certification is required for personnel who oversee all QC testing and inspection, reviews asphalt pavement transmittals prior to submission to the Government, is responsible for making mix design adjustments, and in charge of all other quality related activities on an airfield asphalt paving project.

### Paving Inspector

The Airfield Asphalt Paving Inspector Certification (under development) is required for personnel involved in inspecting airfield asphalt pavement projects. Certified inspectors are responsible for identifying any potential paving issues during construction and ensuring these issues are appropriately addressed by the Quality Control staff. The Airfield Asphalt Paving Inspector must be available on the project during all airfield paving operations.

**AI teaches 4x/yr**

**Upcoming in 2025:**

- **Apr 22-25 (Full)**
- **Jul 22-25**
  - in Honolulu HI
- **Oct 21-24**
  - in Lexington KY

**Can also bring course to client through a private contract**



# AI's Airfield Asphalt Pavement Inspection Certification

**3-full instruction days  
plus ½-day exam.**

## Basis of all Lessons

- UFGS 32 12 15.13
- Other relevant UFGS Specs
- Best practices for airfield paving



- Inspector Responsibilities
- Asphalt Binders
- Aggregates
- Mixtures and Mix Design
- Mix Production
- Transportation
- Placement
- Compaction
- Joint Construction
- Contractor QC, Acceptance
- Prep for Paving, Tack and Prime Coats





## Specific to Latest FAA Standards



- Offered 1x per year
- Next offering: Nov 11-13, 2025 in Oklahoma City

*3 full days on a wide variety of airfield pavement topics.*

- P-401 related (half the course)
  - materials, mix design, production, laydown, compaction, Q.C., acceptance
- Thickness design/evaluation
  - FAARFIELD
- Maintenance/preservation
- Rehabilitation

11 instructors from AI, FAA, consultants and suppliers



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