

Aeronautics Report

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Table of Contents

- 3 Engineering End-of-Year Accomplishments
- 4 Successful Completion of Airport Yearly Operating Plans
- 5 Sustainable Aviation Fuels Workgroup
- 6 MassDOT Distributive Drone Flight Training Program

Engineering End of Year Accomplishments

Aeronautics Division Engineering Accomplishments – Fiscal Year 2025

3

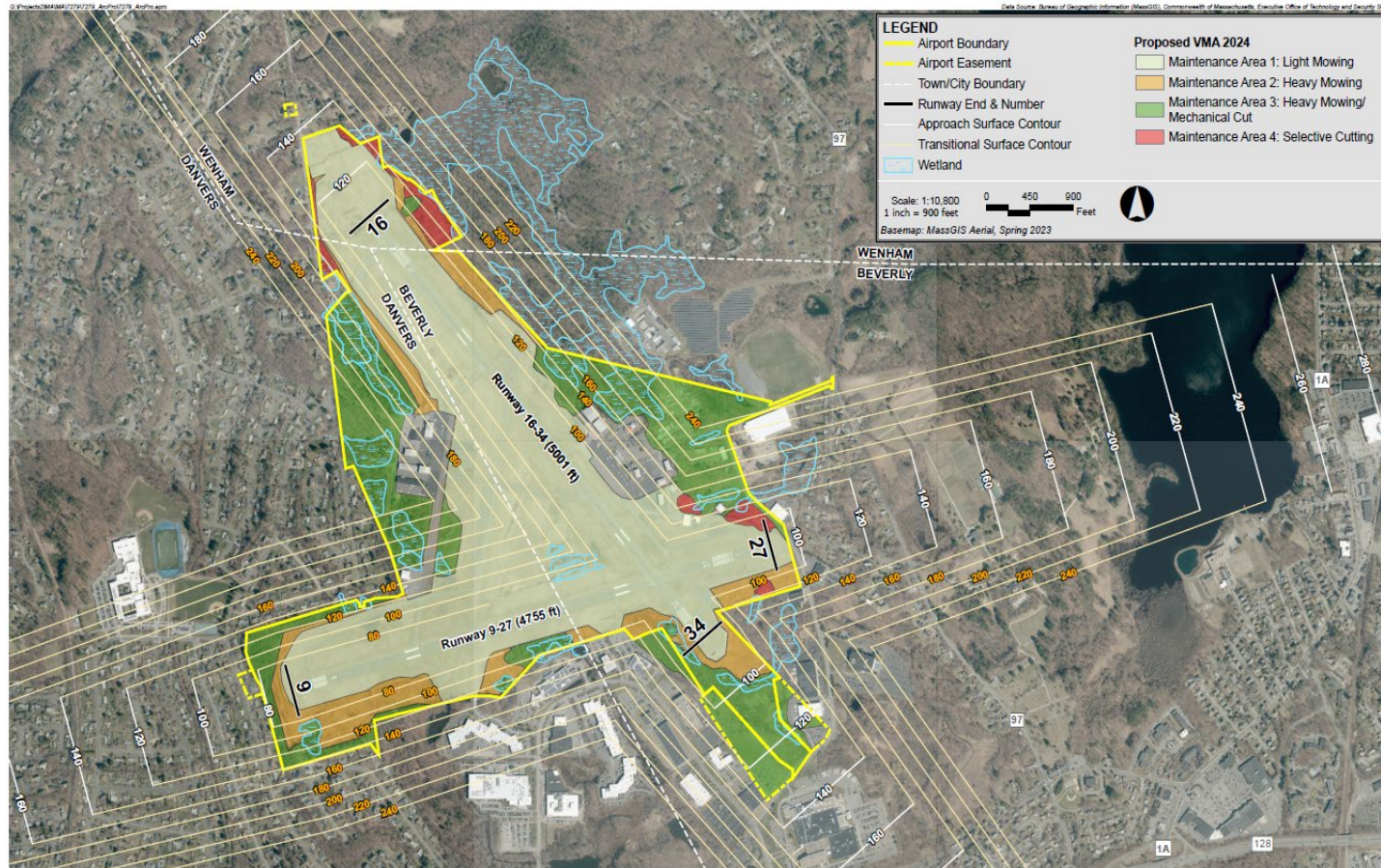


- Awarded \$22M+ in State Funds for 48 grants to 19 airports and 3 vendors
- Designed and Bid yearly pavement maintenance on-call project
- Completed 150 airspace reviews for various projects around Airports
- Engaged with Indus and Stantec to assist with the statewide Pavement Condition Index update and deliver construction phase services

Successful Completion of Airport Yearly Operating Plans

Vegetative management promotes airport safety and environmental stewardship

4



Beverly Regional Airport Beverly, Massachusetts

epsilon

Figure 1
Aerial Locus (Vegetation Management Areas)

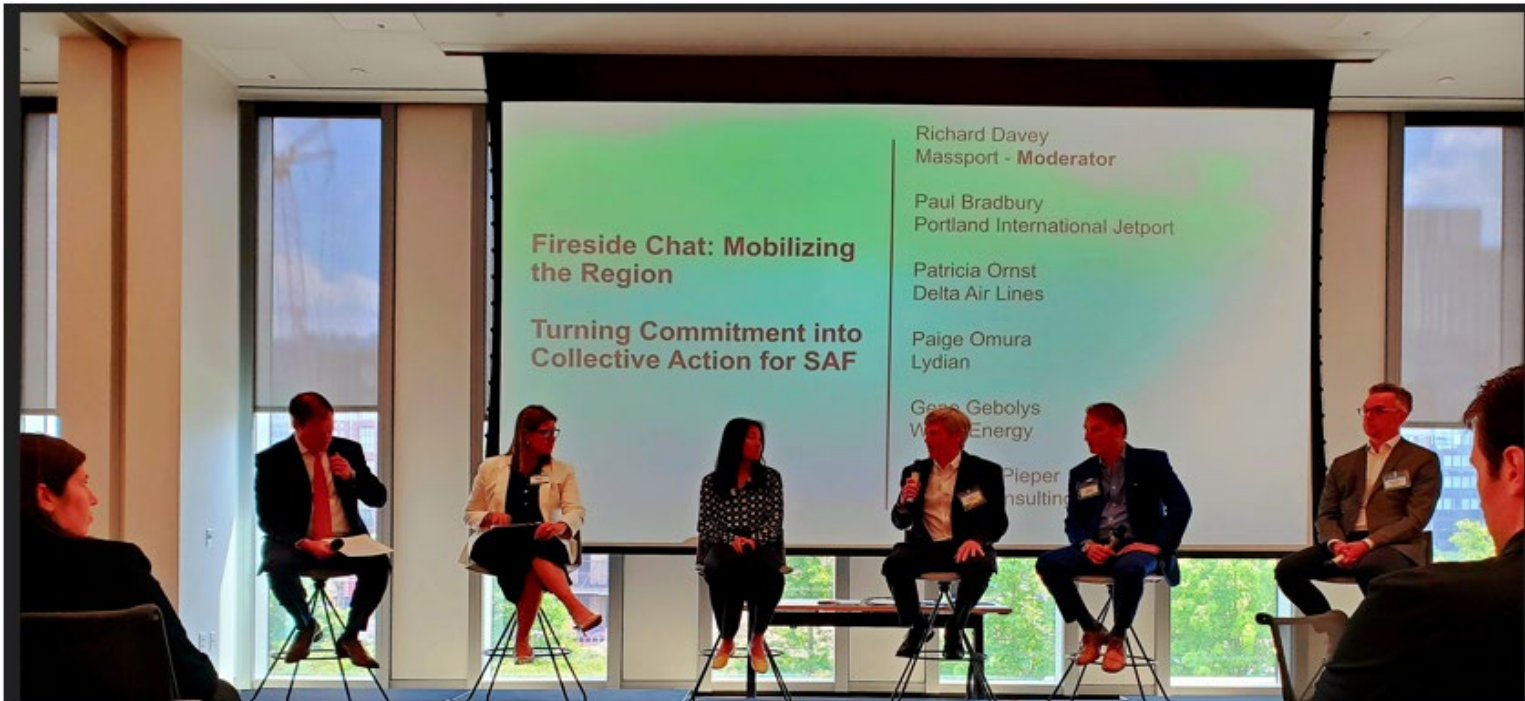
- MassDOT identified 8 airports overdue on Yearly Operating Plan Updates (YOPUs)
- MassDOT developed a scope of work and retained consultants to prepare the YOPUs in FY24 and FY25.
- All eight of the airports were returned to compliance for vegetative management under the Wetlands Protection Act (WPA)



massDOT
Massachusetts Department of Transportation

Sustainable Aviation Fuels (SAF) Workgroup

Accelerating the Adoption of Sustainable Aviation Fuels in Massachusetts and New England 5



- Massachusetts has a legislative mandate to decarbonize and achieve Net Zero by 2050
- The FAA has identified SAF as the critical pathway to de-carbonizing aviation
- An interagency workgroup convened to propose specific recommendations on research and expertise from industry stakeholders to reduce the state's aviation carbon footprint
- The SAF Workgroup convened to provide recommendations to the Governor that will enable the Commonwealth and the New England region to achieve early delivery of SAF to our airports and establish a foundation for developing a regional SAF industry

MassDOT Distributive Drone Flight Training Program

Aeronautics Drone Team conducts third Remote Pilot in Command (RPIC) training course

6



- MassDOT is conducting the field training phase of the comprehensive Remote Pilot in Command (RPIC) program
- Twelve Highway Division employees from all six districts and headquarters are represented in the RPIC training, bringing the total number of Highway Division personnel trained to 26
- Upon successful completion, each district will be equipped with a state-of-the-art Skydio X10 drone, capable of performing aerial mapping and modeling, infrastructure inspections, and aerial photography/videography.

Thank You

