

**Board Report:**

**Airport Pavement Maintenance Project Update**

**MassDOT Senior Staff Tours Three Airports,**

**Governor Baker Visits Westover Airport & Air Reserve Base &**

**Marshfield Wildlife Perimeter Fencing Project**

May 18, 2022

*Presented to:*

■ Board of Directors

*Presented by:*

■ Aeronautics Division

➤ Dr. Jeff DeCarlo

# Airport Pavement Maintenance Project Update



- Aeronautics has awarded the 2022 Statewide Airport Pavement Maintenance Project to the contractor Indus (aka Sealcoating, Inc.)
- The project consists of the following elements:
  - Crack sealing (over 1M linear feet)
  - Crack repair (over 12K linear feet)
  - Surface treatments (over 3M square feet)
  - Cold in-place recycling (over 100K square feet)
  - Pavement markings (over 850K square feet)
- The work will take place at 17 of our 35 public-use airports
- The \$4.8M project was designed, bid, and awarded in-house utilizing Aeronautics staff, saving over \$100K in consulting fees
- To date, 85% of the crack repair and 10% of the crack sealing is complete
- The project is anticipated to finish in September 2022



Crack Sealing at Marshfield Municipal Airport



Crack Repair at Stow-Minuteman Airfield

# MassDOT Senior Staff Tours Three Airports



- On April 14<sup>th</sup>, MassDOT senior staff members visited Westfield-Barnes, Westover Metropolitan and Southbridge Municipal Airport to learn more about the average workday in Aeronautics
- Aeronautics hosted the visit to give senior leaders a closer look at how the facilities are managed and to demonstrate the value that airports bring to the State and their host communities
- The tour began at Westfield-Barnes and included the F-15 alert hangar, a National Guard Blackhawk helicopter display, a tour of Gulfstream and the Westfield Tech STEM education facility
- The tour continued to Westover for lunch at the Base Club and a C-5 Galaxy walk through of the Air Force's largest cargo aircraft
- The day ended at Southbridge Municipal Airport where staff had the opportunity to tour the airport's new administration building
- Aeronautics simulated an airport inspection at Southbridge with the Matrice 300 drone and demonstrated the use of the Wide Area Infrared Sensing Persistence (WISP) camera which provides situational awareness to track aircraft and enhance safety



Airport Manager Chris Willenborg briefs MassDOT Senior Staff Members at Westfield-Barnes Regional Airport



C-5 Galaxy Static Aircraft Display at Westover Metropolitan Airport



Operational Drone Mission flown at Southbridge Municipal Airport

# Governor Baker Visits Westover Metropolitan Airport (CEF) & Westover Air Reserve Base (WARB)



- On April 26<sup>th</sup>, Governor Baker joined a host of state, federal, UMass, and military officials to celebrate the opening of both the UMass Aviation Research & Training Center at CEF and the newly reconstructed runway at WARB
- The new 360-degree UMass air traffic control (ATC) simulator can be programmed to replicate any weather or emergency situations that air traffic controllers could face
- The Aviation Training Center will also include a division to research unmanned aircraft and drones
- Westover Air Reserve Base now has a fully rebuilt runway for the first time in seventy years
- The airport's \$32M reconstructed runway was funded by the Air Force and is an investment in Westover's future that supports its long-term economic growth and importance to the military mission



Aviation Training & Research Center Ribbon Cutting Event



Governor joins State and Federal Officials for ATC Simulator Tour



Governor Baker joins Westover ARB in celebrating the reopening of the main Runway which is one of the longest & widest in the US

# Marshfield Municipal Airport–George D. Harlow Field

## Wildlife Hazard Management Security Fencing



- Marshfield Municipal Airport required replacement and installation of new Wildlife Management Security Fencing
- An Environmental Assessment (EA) and Wildlife Hazard Assessment (WHA) were conducted. The report findings were used to develop a Wildlife Hazard Management Plan (WHMP) for the airport
- The project was permitted through the Federal (NEPA), State (MEPA and MA Fisheries & Wildlife) and local Marshfield Conservation Commission (ConComm) review processes
- The project was designed/permitted to include replacement of existing fence, installation of new wildlife-security fencing, turtle gates through the fence, and wetland replication and restoration
- Working closely with the permitting authorities, the project achieved substantial completion on May 2, 2022



Turtle Gates through Fencing



Wetland Replication Area



Boxed Turtle found on Site