

Board Report:

Statewide Airport Administration Building & Vegetation Management Program Updates

Monday April 22, 2019

Presented to:

■ Board of Directors

Presented by:

■ Aeronautics Division

➤ Dr. Jeff DeCarlo

Statewide Airport Administration Building Program: Plymouth



- Group 1 Buildings Complete - Beverly, Fitchburg, Mansfield, and Southbridge Admin Building/Hangar
- Group 2 Buildings Underway

Plymouth – Building footprint is approximately 5,500 sf. Construction is approximately 75% complete. Building completion coincides with the 400th Anniversary of the Pilgrims landing in 1620

- Project began construction in June 2018.
- Substantial Completion scheduled in June 2019
- Major Elements include: Airport Manager's Office, Conference Room, Pilots Lounge, Tenant Spaces and an Airport Restaurant
- The existing Admin. Building will be demolished once the new building is complete



Statewide Airport Administration

Building Program: North Adams & Norwood



- North Adams – Airport will move and renovate donated medical building to serve as administrative offices on the main level and a maintenance shop on the lower level
 - Building footprint is approximately 5,300 sf
 - Relocation of building occurred in January 2019
 - Renovations for the building are on-going
 - Substantial Completion scheduled for June 2019
 - Major elements include: Airport Manager's Office, Conference Room, Pilots Lounge, Fixed Base Operator (FBO) Office and an Airport Restaurant
- Norwood – Existing Snow Removal Equipment Building will be renovated to add airport administrative offices
 - Notice To Proceed (NTP) has been issued
 - Substantial completion is scheduled for June 2019



North Adams Building Site



North Adams Renovation



Norwood Memorial Airport

Vegetation Management (VMP) & Sustainable Equipment Purchase Program



- In FY19, the Aeronautics Division has planned vegetation maintenance projects at four (4) public-use airports (Lawrence, Marshfield, New Bedford and Pittsfield)
- Preventive maintenance eliminates obstructions to air navigation while reducing wildlife hazards on the airfield
- Airports are eligible for equipment grants such as tractors/forestry mulching tools for VMP maintenance under the Division's Airport Safety & Maintenance Program
- The investment in VMP equipment will save the airports approximately \$500-\$700 per acre
- On average airports maintain between 20-30 acres of rough mow regrowth annually



Vegetation Management (VMP) & Sustainable Equipment Purchase Program



- MassDOT Aeronautics is working closely with OSD, DOER, LBE, and DEP staff to initiate a new Sustainable VMP Equipment Purchase Pilot Program through the State's Environmentally Preferable Products Program, the SMART program, and the Leading By Example Program
- Program plans include the following initiatives:
- Ten (10) public-use airports will use commercial grade hand-held battery operated equipment for landscaping
- Two (2) public-use airports will mow grass around their runway and taxiway lights with a commercial grade battery operated zero turn mower and recharging solar canopy
- One (1) public-use airport will obtain airport and airfield electricity from a 25KW solar array



Solar-powered mower