

Board Report:

Pavement Maintenance Program, Vegetation Management Update & MassDOT Emergency Management Partnerships

June 22, 2020

Presented to:

■ **Board of Directors**

Presented by:

■ **Aeronautics Division**

➤ **Dr. Jeff DeCarlo**

Pavement Maintenance and Marking Project



- The project was designed and bid by Aeronautics with guidance from the Legal staff for online bidding
- The incorporation of online bidding and COVID-19 construction requirements were written into the standard contract specifications
- Due to an accelerated schedule, the project was designed, bid, awarded, and under construction in a total of 6 weeks
- The work is being accomplished at 11 airports and provides geographic equity to all regions across the Commonwealth
- The project will be completed by June 30th and consists of:
 - 500,000+ LF of crack sealing,
 - 6,500+ LF of crack repair,
 - 200,000+ SY of friction surface treatment,
 - 250,000+ SF of pavement markings, and
 - 90,000+ SF of pavement marking removal



Vegetation Management Program (VMP) at Westfield-Barnes Regional Airport

- MassDOT facilitated the removal of 25, 100-foot tall, white pines in the airport's approach to Runway 02
- Air National Guard pilots based at Westfield reported that the trees were obstructing a clear view of the Runway 02 end during the glide descent on approach
- Airport management worked with the property owner to obtain access rights for the obstruction removal work and agreed to install fencing along the property boundaries as a buffer from the airport
- By facilitating the tree removal, the airport has enhanced community engagement while clearing the trees and increasing flight safety

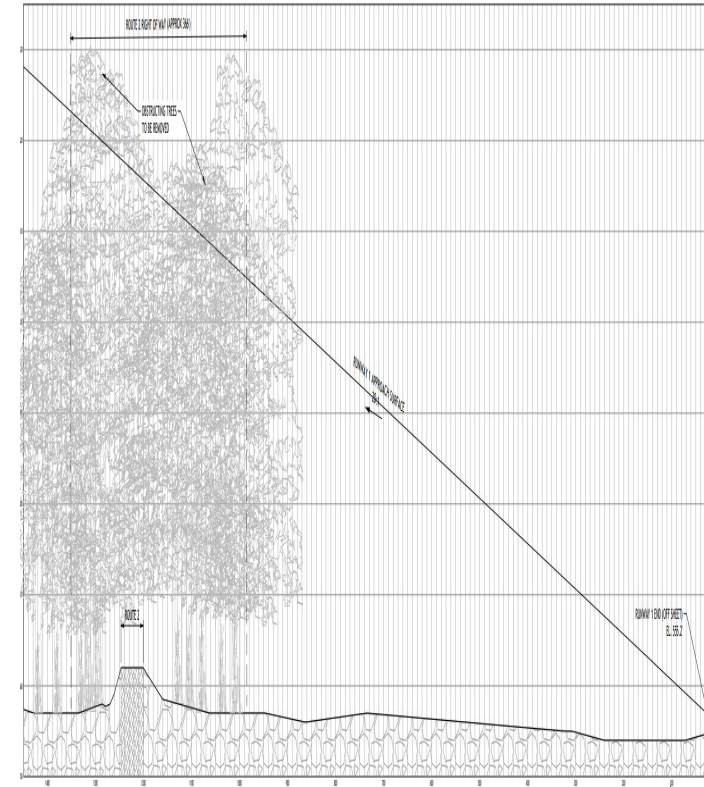


White Pine Tree Removal Crane

Vegetation Management Program (VMP) at Orange Municipal Airport



- Aeronautics is working closely with the Highway Division and District 2 staff on the removal of trees in the Route 2 Highway Right-of-Way that are obstructing the airport's approach to Runway 01
- Orange Municipal Airport received a \$5M grant from the FAA's supplemental funding program to reconstruct Runway 01-19 this year
- Partnering with Highway to address these obstructions, will help the airport to attain clear approaches
- These actions will keep the runway reconstruction project on schedule while enhancing the safety of flight operations at the airport



Tree Obstructions - Runway 01 Approach

6/22/2020

MassDOT Aeronautics – MEMA Air Operations & Civil Air Patrol Partnerships



- Aeronautics is the lead coordinating agency for MEMA Air Operations which includes numerous state/federal air assets
- MassDOT, MEMA and Civil Air Patrol are conducting joint planning efforts for COVID 19 response
- These plans include the transport of medical supplies from the MEMA stockpile warehouse in Marlborough to remote locations in Massachusetts such as the Cape & Islands
- Civil Air Patrol Capabilities include: Search and Rescue, Disaster Response, Aerial Imaging, and Communications support
- The Civil Air Patrol is comprised of over 31,000 professionally trained volunteers supporting federal and state entities and offers a great opportunity for young cadets and adults to get involved with aviation



Civil Air Patrol is an auxiliary unit of the Air Force