

## Board Report:

# Beth Israel/Boston MedFlight Helipad Inspection, Taxiway B-5 Construction at Westfield-Barnes Regional Airport, NASA Advanced Air Mobility (AAM) Public Community of Interest (COI) & World Economic Forum (UIC2) Coalition March 15, 2023

*Presented to:*

■ Board of Directors

*Presented by:*

■ Aeronautics Division

➤ Dr. Jeff DeCarlo

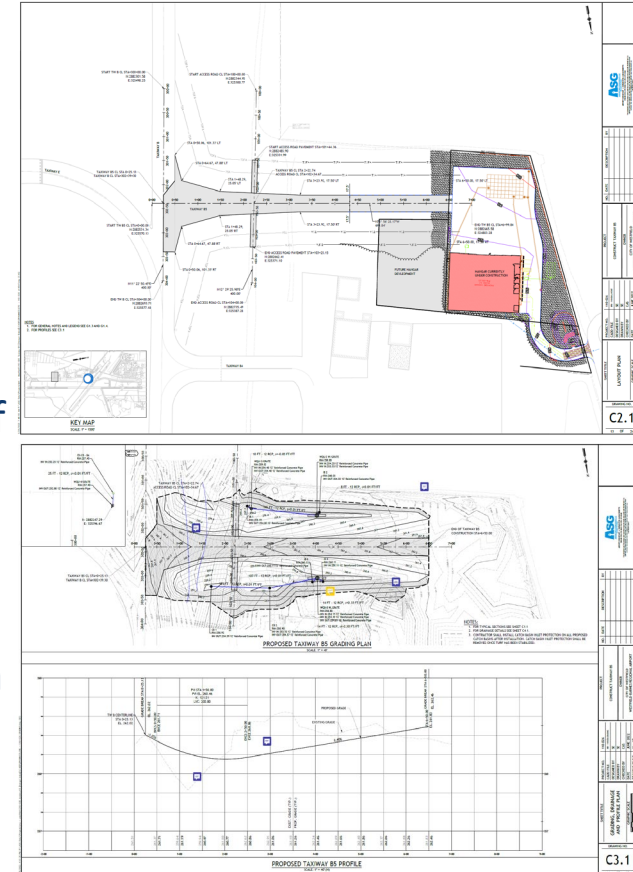
# Beth Israel/Boston MedFlight Helipad Inspection

- Aeronautics (Chief of Engineering and Chief of Operations & Compliance) attended a pre-opening inspection of the new helipad at the Beth Israel Hospital
- The new helipad will provide the hospital with modern facilities with direct elevator access to the emergency and surgical departments
- The inspection included a review of the lighting, surface markings, operations, navigational aids, safety, air space, emergency access, and de-icing facilities
- Boston MedFlight performed pre-dawn flights from two directions to review the approaches, lighting, and navigational aids



# Taxiway "Bravo" (B-5) Construction at Westfield-Barnes Regional Airport

- The estimated total cost of Taxiway "Bravo" (B-5) is approximately \$1.5M. The Airport has funded \$250K for the design of this project
- Actual costs for the grant will be determined once the bids are received for construction
- The state share of the project involves approximately 80% of the total estimated cost which includes engineering design and construction phase services, and project administration and construction costs
- The infrastructure funding from Aeronautics will leverage an additional \$8-10M in private sector investment for new hangar facilities adjacent to the proposed taxiway





# NASA Advanced Air Mobility (AAM) Public Good Community of Interest (COI)



Kickoff of the follow-on, second NASA effort on Wed Mar 8th

- First effort in 2021-2022 focused on AAM Community Integration, which created an Emerging Practices Playbook containing best practices for introducing communities to advanced air mobility as an integrated, potentially multi-modal, seamless option that is clean, green, and equitable
- This latest 2.5-year NASA follow-on collaboration will identify model, test, and then introduce initial advanced air mobility public good use-cases, such as those for first responders, life flight, human organ delivery, and emergency medical flight operations
- Massachusetts is one of four locations working with NASA. Other locations are the City of Orlando, North Central Texas Council of Governments, and Ohio
- Massachusetts team includes industry, academia, and government organizations, as follows:



# World Economic Forum (WEF) Advanced and Urban Air Mobility Cities & Regions Coalition CIVITAS Initiative



Massachusetts is the WEF Inaugural Chair and a founding international partner in the EU's UAM Initiative Cities Coalition Civitas Initiative (UIC2)

- The WEF Advanced and Urban Air Mobility Cities & Regions Coalition and EU's UIC2 Civitas Initiative team members are collaborating as a joint secretariat with common goals
- Massachusetts is collaborating with cities and regions across the globe (Amsterdam, Ile-de-France (Paris Region), Incheon Korea, Los Angeles, Massachusetts, Neom Saudi Arabia, Orlando, Sao Paulo, Victoria Australia)

## Objectives:

- Create a resource to help policy makers understand landscape, how to engage stakeholders, and how to identify the needs, goals, concerns and priorities for each stakeholder group
- Ensure policy makers are informed about when and what developments are taking place, and what the cities and regions responsibilities will be
- Provide local policy makers with understanding of what AAM enabling policies could look like

