

# Runway 15R/33L Safety Rehabilitation Project Virtual Information Session

June 13, 2023



Massachusetts Port Authority

# Logan Runway Configuration



# Massport to undertake a major safety and pavement rehabilitation project for Runway 15R-33L this summer



- 15R-33L is Logan's longest runway
  - Primarily used by the FAA during northwest winds (typically prevalent in winter/spring months)
  - Is the preferred late-night, over-Boston Harbor runway for noise abatement purposes
- The runway was last rehabbed in 2012 and is now at the FAA threshold for replacement
- The project will be partially funded with FAA AIP funds and has been part of the FAA's 5-year Airports Capital Improvement Plan (ACIP) for Logan Airport with a target date of 2023
  - FAA sequences airfield pavement rehab projects based on pavement conditions
  - In summer 2020, FAA funded the rehab of Runway 9-27 and Massport accelerated the project by 3 months to take advantage of low flight volumes

# The project requires Massport to close Runway 15R-33L starting late August

Runway 15R-33L



## Project Scope:

- Enhance safety by replacing pavement and improving runway and taxiway intersections
- Upgrade electrical infrastructure and convert runway lights to energy efficient LED lights

## Project Schedule:

- Enabling projects prior to construction began in May 2023
- Runway will be closed for approximately 100 days starting August 14, 2023

## Coordination and Outreach:

- Massport is actively coordinating with stakeholders and embarked on an extensive outreach plan for impacted communities and passengers

# During the runway closure, aircraft delays and temporary shifts in runway use and community overflights are expected

- The FAA will have two alternative 3-runway configurations available to help minimize flight delays and the overall change to runway use and community overflights
  - Runway use patterns may be temporarily affected depending on wind and weather patterns
- Runway 15R-33L will not be available for nighttime noise abatement during the closure (August 14 to mid-November)
  - The late night noise abatement procedure is typically used by the FAA between 12AM and 5AM and directs aircraft flights over Boston Harbor away from close-in communities
- Massport and FAA Air Traffic will coordinate extensively during this period to minimize delays and persistent use of available runways (wind/weather permitting)



# Comprehensive mitigation measures will be in place to reduce construction noise and other impacts

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## Construction Mitigation Plan

- Muffle or otherwise lessen noise from truck back-up alarms within OSHA guidelines and other regulations
- Maximize daytime work, particularly noise producing activities
- Establish haul routes airside that will maximize distance from neighboring homes, particularly at night
- Haul waste and other materials during the day to the extent possible
- Prohibit trucks from using City of Boston streets to and from the airport
  - All construction traffic will access the airport via Routes 90/93/1A and Coughlin Bypass Rd.
- Aim all lighting used for night operations away from the communities (and the Air Traffic Control Tower)

# Massport is actively coordinating with stakeholders and has an extensive outreach plan for communities and passengers

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- External Stakeholder Engagement
  - On-going conversations with the FAA and airlines regarding scope, phasing, project schedule and potential impacts
- Planned Community and Passenger Outreach
  - *Virtual Community Information Session – June 13<sup>th</sup>*
  - Briefings to MCAC, East Boston community groups, Winthrop Town Council, Revere City Council and other communities
  - Press release regarding the construction and runway closure – 1<sup>st</sup> week of June 2023
  - Updated website/social media posts and text alerts

# Questions

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- For more information, please visit [www.massport.com](http://www.massport.com) or email [community@massport.com](mailto:community@massport.com) with any questions
- 24/7 Noise Complaint Line: 617-561-3333

Massachusetts Port Authority