

## Environmental Justice Screening Form

Project Name	Hanscom Field Taxiway E
Anticipated Date of MEPA Filing	June 2025
Proponent Name	Massachusetts Port Authority
Contact Information (e.g., consultant)	Brad Washburn Deputy Director Environmental Planning & Permitting 617-568-3546 <a href="mailto:bwashburn@massport.com">bwashburn@massport.com</a>
Public website for project or other physical location where project materials can be obtained (if available)	A copy of the upcoming dual Expanded Environmental Notification Form (EENF) and Proposed Environmental Impact Report (PEIR) will be made available at the Bedford, Concord, Lexington, and Lincoln public libraries and at <a href="http://www.massport.com/environment/project-environmental-filings/hanscom-field">www.massport.com/environment/project-environmental-filings/hanscom-field</a>
Municipality and Zip Code for Project (if known)	Bedford, MA 01730 Concord, MA 01742
Project Type* (list all that apply)	Airport
Is the project site within a mapped 100-year FEMA flood plain? Y/N/unknown	No
Estimated GHG emissions of conditioned spaces ( <a href="#">click here for GHG Estimation tool</a> )	N/A

### Project Description

1. Provide a brief project description, including overall size of the project site and square footage of proposed buildings and structures if known.

*The Massachusetts Port Authority (Massport) is proposing the rehabilitation of Taxiway E and construction of a bypass taxiway (Taxiway E5) at Hanscom Field. Hanscom Field is located within the towns of Bedford, Concord, Lexington, and Lincoln, Massachusetts. The project area itself is located within Bedford and Concord, Massachusetts.*

*Work will include:*

- *Milling and repaving of existing Taxiway E from Runway 5-23 to Taxiway M (approximately 153,400 SF).*
- *Construction of Taxiway E5 between Taxiway E and Runway 11-29 (approximately 84,550 SF).*
- *Conversion of taxiway edge lights to Light-Emitting-Diode (LED) fixtures.*
- *Installation of new electrical infrastructure including signs and lights for Taxiway E5.*
- *Minor geometry improvements on Taxiway M at the Runway 11-29 intersection.*

*The overall project area covers approximately 441,950 SF. Construction is expected to begin in late*

*summer or early fall of 2025 and is expected to take approximately 85 construction shifts between late summer/early fall 2025 and Spring 2026 to complete. All work will occur entirely within previously disturbed upland areas within Hanscom Field. The project is intended to improve operational efficiency, reduce aircraft ground delays, and improve safety. Per FAA Advisory Circular (AC) 150/5300-13A, Airport Design, the proposed bypass taxiway layout is designed to enable safe and efficient movement by an aircraft between parking areas and runways, while utilizing the least amount of pavement possible. The proposed project will not increase the airport's take-off or landing capacity; instead, it supports the existing and forecasted operations within the current airfield capacity.*

2. List anticipated MEPA review thresholds (301 CMR 11.03) (if known)

*Transportation – 301 CMR 11.03(6)(b)4 - Construction of a New taxiway at an airport.*

3. List all anticipated state, local and federal permits needed for the project (if known)

*The project requires consultation with the Massachusetts Natural Heritage and Endangered Species Program (NHESP) due to work within Priority Habitat protected under the Massachusetts Endangered Species Act (MESA). It is anticipated that the project will not require completion of a Conservation & Management Permit (CMP).*

4. Identify EJ populations and characteristics (Minority, Income, English Isolation) within 5 miles of project site (can attach map identifying 5-mile radius from [EJ Maps Viewer](#) in lieu of narrative)

*There are thirty-seven (37) EJ populations within a 5-mile radius of the project corridor, of which the following two (2) are located within the 1-mile designated geographic area (DGA)*

- *Bedford: Block Group 6, Census Tract 3593.03*
- *Lincoln: Block Group 5, Census Tract 3603*

*Refer to the attached figure for a depiction of the EJ populations within one (1) and five (5) miles from the project area.*

5. Identify any municipality or census tract meeting the definition of “vulnerable health EJ criteria” in the [DPH EJ Tool](#) located in whole or in part within a 1 mile radius of the project site.

*Census tract 3603 in Lincoln meets the vulnerable health criteria for low birth weight. The town of Lincoln also meets the vulnerable health criteria for heart attack hospitalizations which is tracked at the municipality level.*

6. Identify potential short-term and long-term environmental and public health impacts that may affect EJ Populations and any anticipated mitigation

*The project is not anticipated to result in any related long-term environmental or public health impacts based on the following:*

- *The project is proposed to improve airfield operational efficiency, reduce aircraft ground delays, and improve safety by providing a more direct route for aircraft movement between Runway 11-29 and terminal areas at Hanscom Field.*
- *The project's impacts to rare species habitat will be localized and mitigated through a provision of measures to ensure a net-benefit to impacted species.*
- *The project is not expected to adversely impact local ambient air quality.*
- *The project will not impact wetlands or water quality resources.*
- *The project will not construct new stationary sources of greenhouse gas emissions.*
- *Stormwater runoff generated from the addition of new impervious area will not impact nearby water resources.*

7. Identify project benefits, including "Environmental Benefits" as defined in 301 CMR 11.02, that may improve environmental conditions or public health of the EJ population.

*The following benefits are anticipated to occur as a result of this project:*

- *Anticipated local air quality benefits due to improved airfield traffic and reduced congestion.*
- *The removal of approximately 1,100 SF of excess pavement from Taxiway M which provides a partial mitigation to the added pavement from Taxiway E-5.*

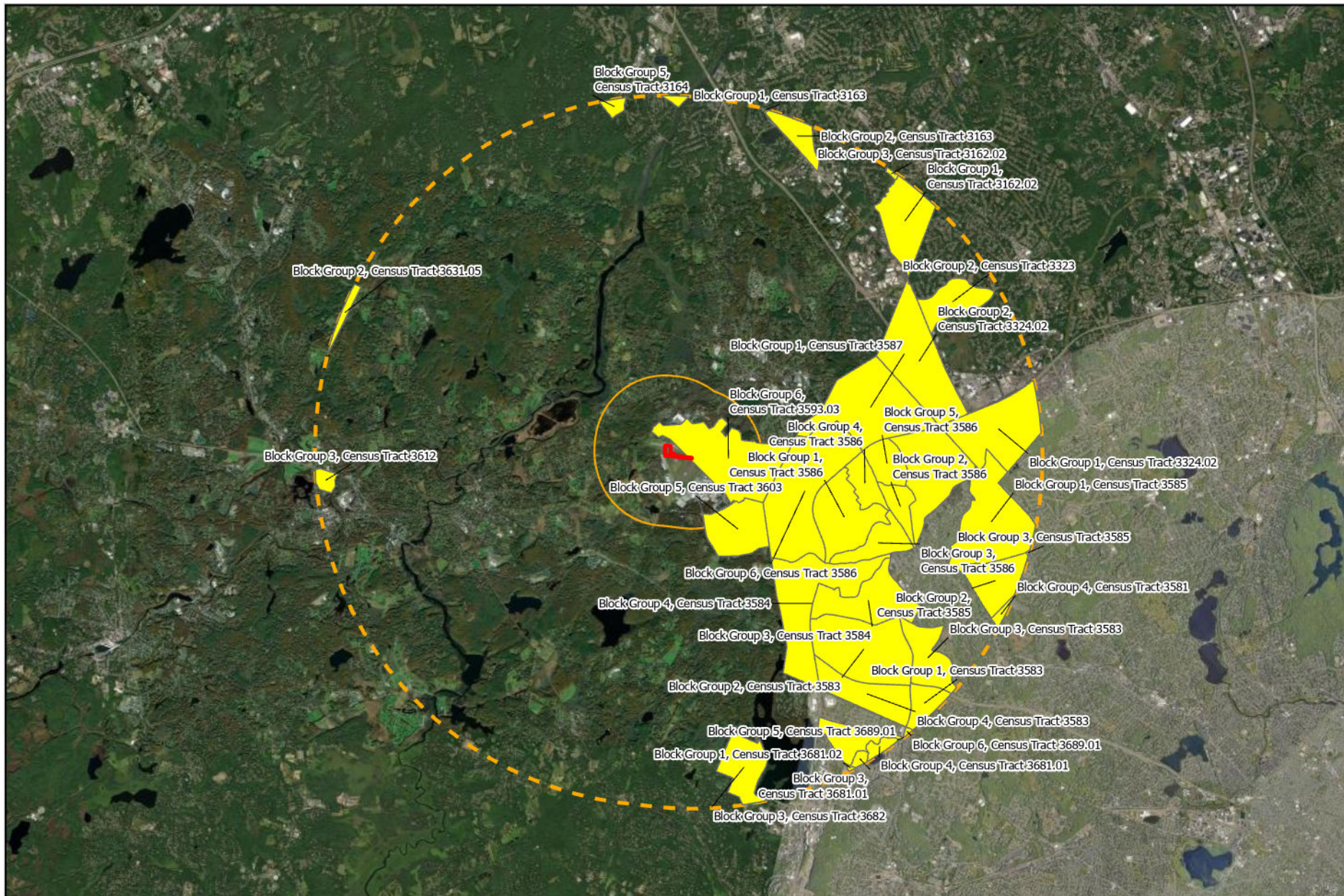
8. Describe how the community can request a meeting to discuss the project, and how the community can request oral language interpretation services at the meeting. Specify how to request other accommodations, including meetings after business hours and at locations near public transportation.

*Project inquiries, including requests for a meeting, may be e-mailed to:  
Michael Vatalaro, [MVatalaro@massport.com](mailto:MVatalaro@massport.com).*

*Any written statements regarding the project can be submitted to:  
Brad Washburn  
Deputy Director  
Environmental Planning & Permitting  
617-568-3546  
[bwashburn@massport.com](mailto:bwashburn@massport.com)*

*Massport provides reasonable accommodations and/or language assistance upon request, as appropriate. To request accommodation or language assistance, please contact Michael Vatalaro, Massport's Senior Manager for State and Community Relations, by email [MVatalaro@massport.com](mailto:MVatalaro@massport.com).*



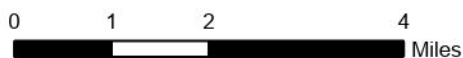


#### Legend

- Project Area
- 5-Mile DGA
- 1-Mile DGA

#### EJ Criteria

- Minority



Notes:  
 1. GIS data courtesy of MassDEP and MassGIS.  
 2. Basemap courtesy of ESRI.

#### Environmental Justice Populations Massport Hanscom Field H296-C1 Taxiway Bedford and Concord, MA



April 2025



Boston, MA