

Bayswater Buffer Embankment Restoration Project Community Presentation

February 28, 2023

Virtual Meeting

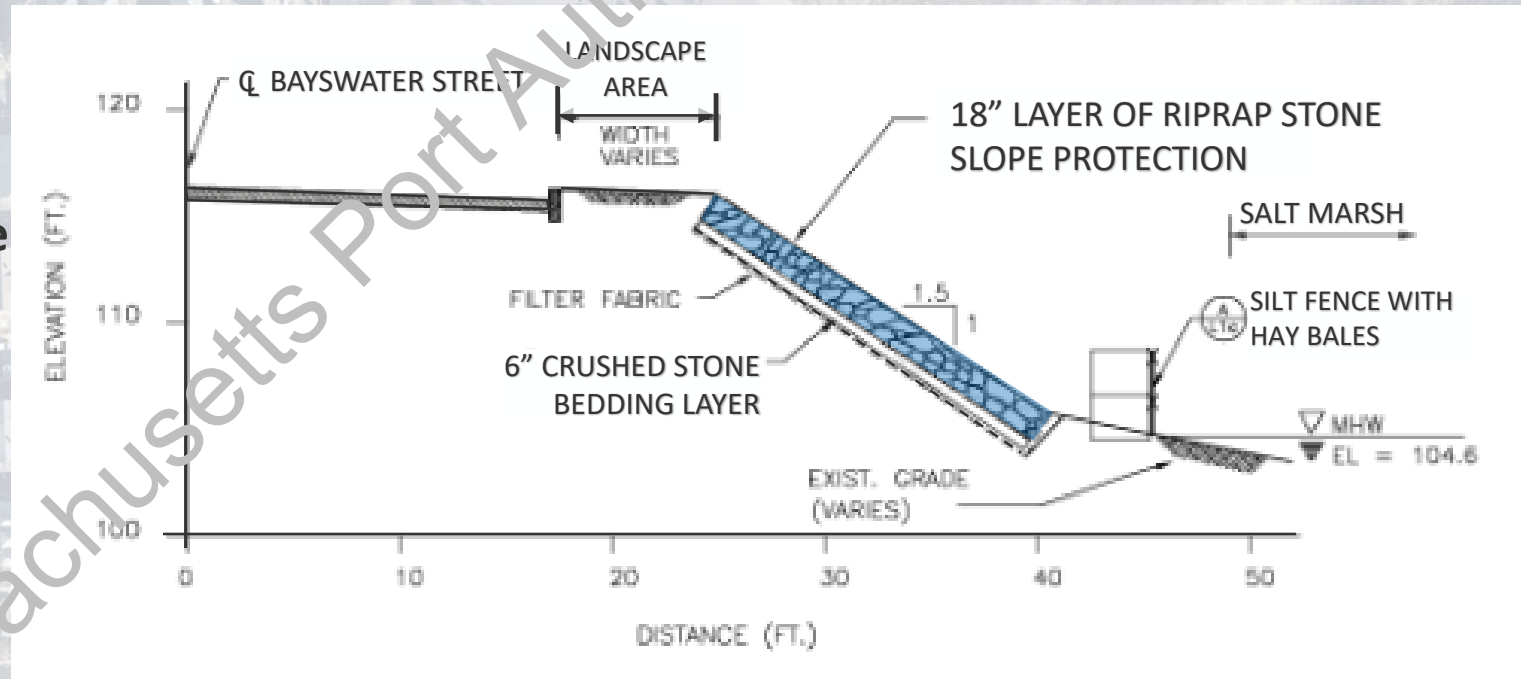


Massachusetts Port Authority

Bayswater Embankment Edge Buffer - 2001

BACKGROUND

- One of the first Airport Edge Buffers built by Massport
- Landscaped edge embankment with lighting, landscaping and a protective slope
- Over time, storms, high water, and wave events have eroded this shoreline protection
- Thus, we find that the revetment needs repair



Section Through Revetment

Aerial view of Bayswater Street and Environs



Bayswater Street

Bayswater Street

Bayswater Embankment

FAA Site

Orient Heights Yacht Club

Massachusetts Port Authority

Scope of Work

Aerial Map Of Scope Of Work Location

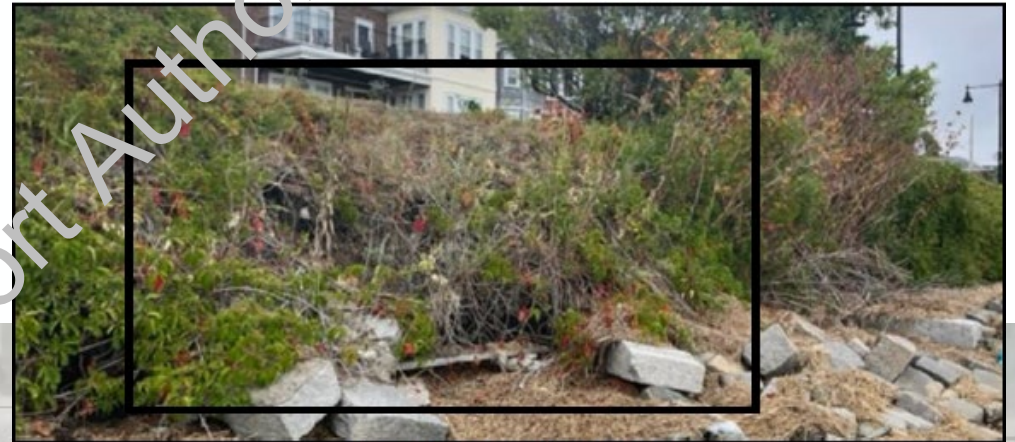


Scope of Work: Bayswater Buffer Embankment Restoration Project (A)

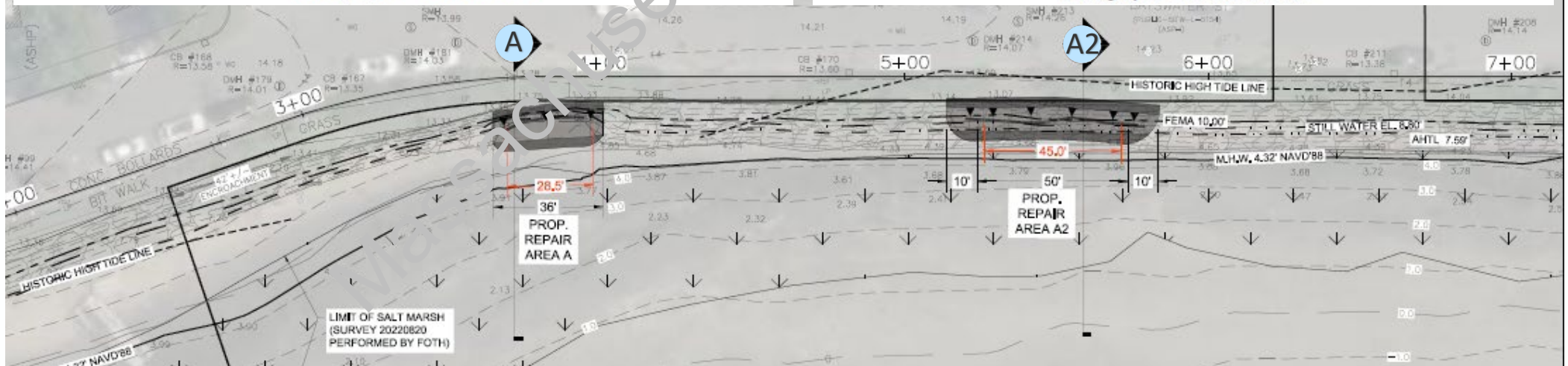
Existing Conditions



Photograph 1: Erosion Area A



Photograph 2: Erosion Area A2



Scope of Work: Bayswater Buffer Embankment Restoration Project (B&C)

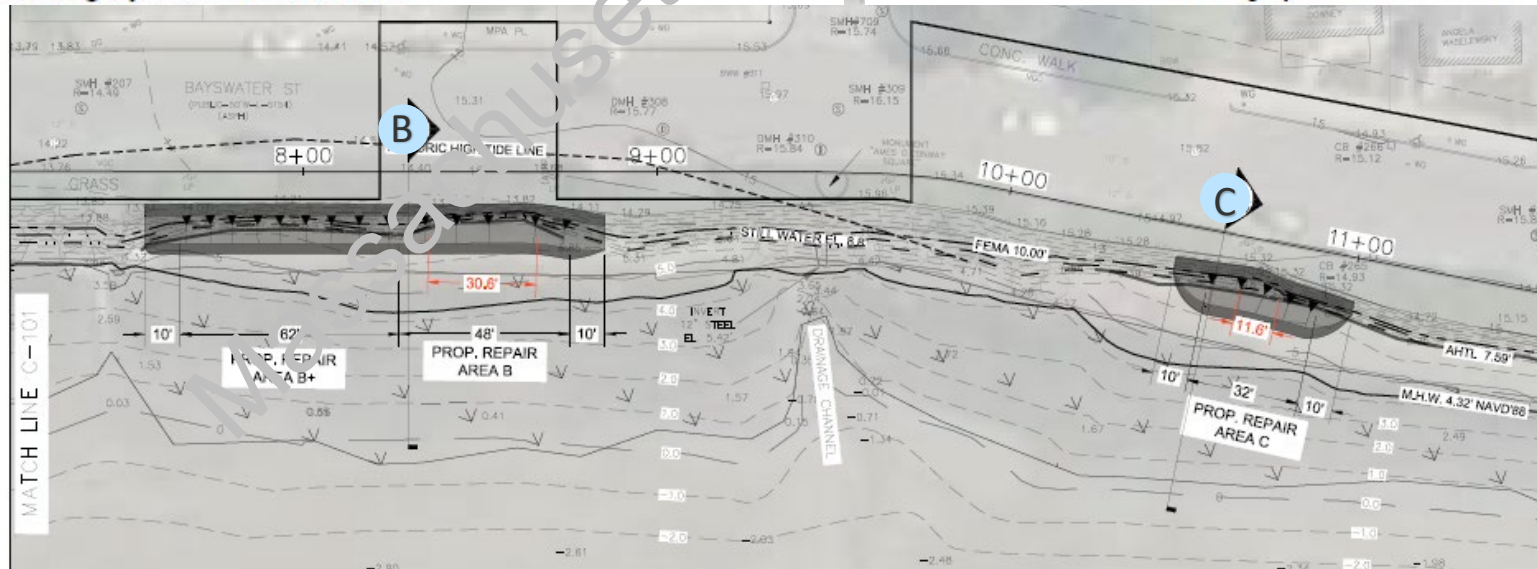
Existing Conditions



Photograph 3: Erosion Area B



Photograph 4: Erosion Area C



Scope of Work: Bayswater Buffer Embankment Restoration Project (D&E)

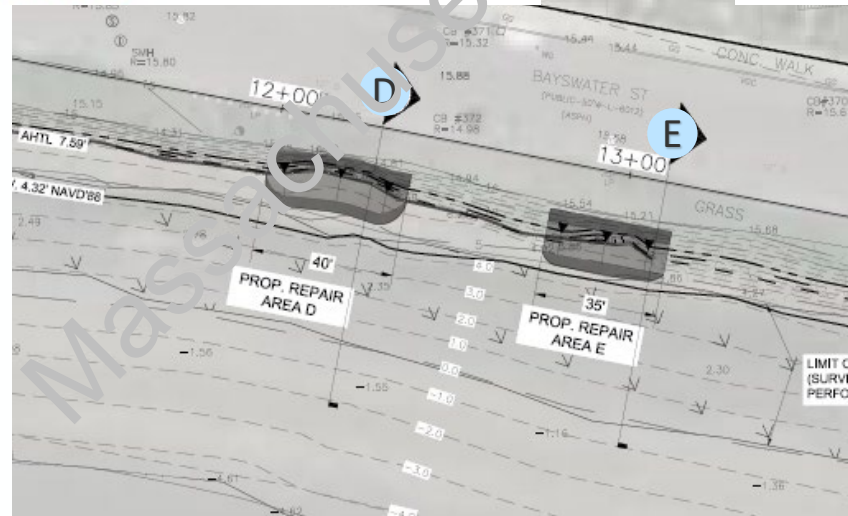
Existing Conditions



Photograph 5: Erosion Area D



Photograph 6: Erosion Area E (February 10, 2022)



Photograph 7: Erosion Area E (August 20, 2022)

Scope of Work: Bayswater Buffer Embankment Restoration Project (F)

Existing Conditions



Photograph 8: Erosion Area F (August 20, 2022)



Photograph 9: Erosion Area F (February 10, 2022)

Scope of Work: Bayswater Landscape Edge Buffer

Re-Evaluation of the Landscape Edge Buffer

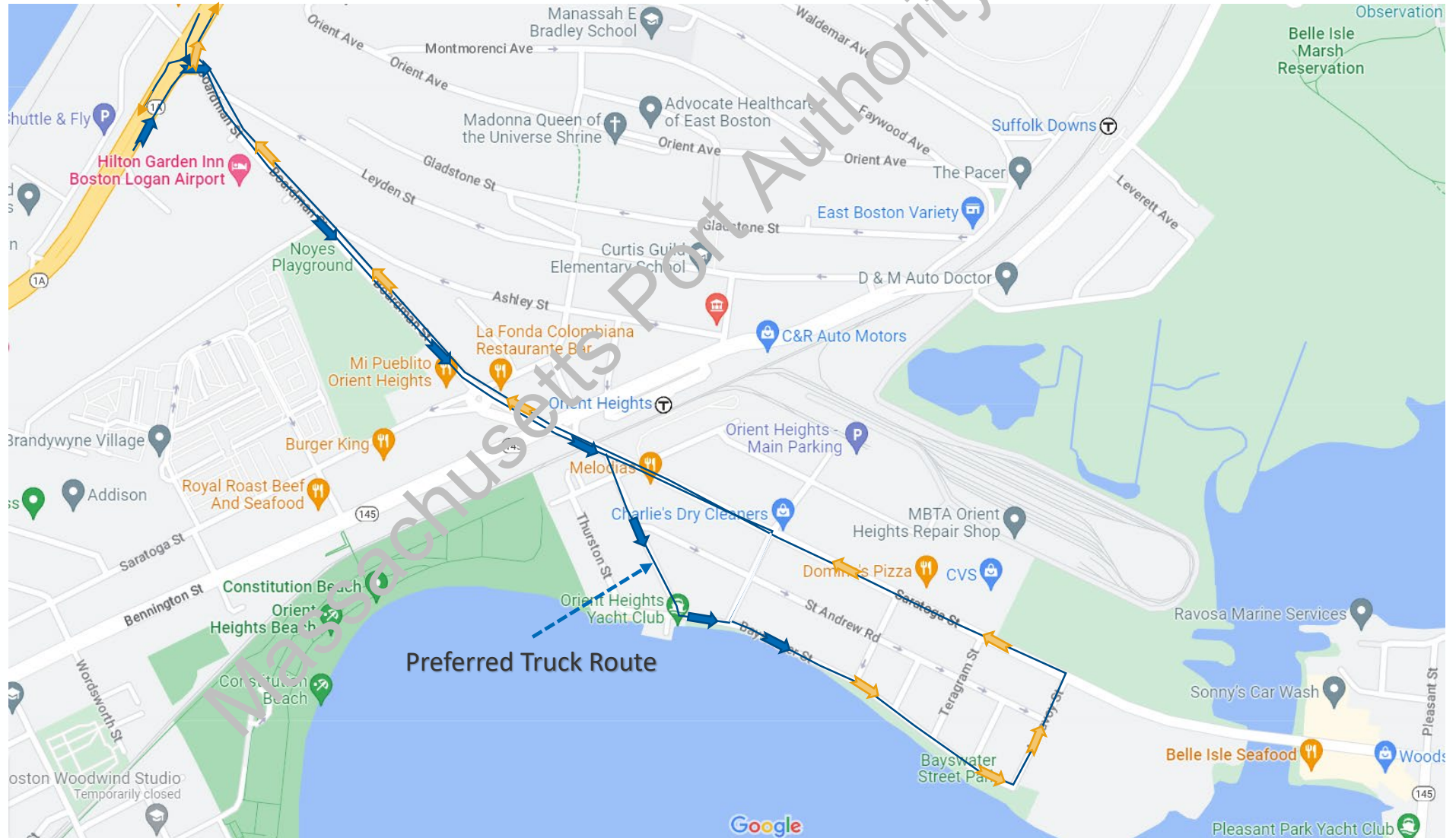
- The airport edge buffer is 23 years old
- Massport will work with a Landscape Architect to evaluate the current state of the buffer
- The Landscape Architect will suggest the appropriate plantings to be used for the buffer so we have long term healthy growth
- Level of maintenance – Annual inspections by facilities followed by maintenance with the Term contractor (i.e.: Brightview)



Truck Route: Boardman Street, through Orient Square to Bayswater Street

➡ Truck Route from Route 1A to the work area

➡ Truck Route from the work area to Route 1A



Bayswater Buffer Embankment Restoration Project

Proposed Scope of Work 2023-2024

- Site Fencing (silt fence with hay bales, and snow fence)
- A project sign will be installed with contact information for questions and comments during construction
- Site maintenance will be performed daily
- Wheel wash, if necessary
- A Sweeper will be on site daily to keep the road clear of debris
- Dust Control
- Rodent Control
- Construction parking along Bayswater Street
- Police Details will be required to control traffic in the work area
- Hours of operation Monday thru Friday, 7:00 am to 3:00 pm
- There are 2 sets of stairs that Massport maintains along Bayswater
 - One was repaired in 2022
 - The project will assess these stairs and incorporate further repairs based on the assessment

Project Permitting Process

Massachusetts Port Authority

Bayswater Buffer Embankment Restoration Project

TENTATIVE PROJECT TIMELINE (dependent on permitting approvals)

PERMITTING

- ✓ Distribute MEPA EJ Screening Form February 6, 2023
- *MEPA Pre-File Public Information Meeting* *February 28, 2023*
- Massachusetts Environmental Policy Act Office (MEPA) March to Nov 2023
- Project Permitting Sept 2023 to Apr 2024
 - Boston Conservation Commission
 - US Army Corps of Engineers
 - MassDEP (Chapter 91 & Water Quality Certification)
 - Coastal Zone Management
- Design Finalization and Bidding Feb to May 2024
- Expected Construction Timeframe July to Sept 2024

Bayswater Embankment Restoration Project– Contacts

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