
MassDOT Megaprojects Cape Cod Bridges Allston Multimodal Project

February 26, 2025

Presentation to ACEC/MA



Cape Cod Bridges

Sagamore Bridge

Bourne Bridge

massDOT
Massachusetts Department of Transportation

Overview

3



Program Purpose

- The purpose of the Cape Cod Bridges Program is to improve cross-canal mobility and accessibility between Cape Cod and mainland Massachusetts and to replace the Sagamore and Bourne bridges.

Program Scope

- Phased replacements of the Sagamore Bridge and the Bourne Bridge
- Improvements to the bridge approach roadways
- Multimodal improvements including shared use paths

Estimated Cost

- \$2.4 Billion for the Sagamore Bridge

Environmental Permitting

Federal

- NEPA Review (FHWA)
- US Fish and Wildlife Service
 - Section 7 Consultation
- National Marine Fisheries Service
 - Fishery Conservation and Management Act
 - Section 7 Consultation
- Section 4(f) (FHWA, others)
- Section 106 of the National Historic Preservation Act (MHC/FHWA)
- Section 404 of the Clean Water Act (USACE)
- US Coast Guard Bridge Permit (USCG)

State

- MEPA Review (MEPA Office)
- MA Endangered Species Act (MA F&W)
- Section 401 Water Quality Certificate (MassDEP)
- Chapter 91 Waterways License (MassDEP)
- Coastal Zone Management Act (MA CZM)
- MA Wetlands Protection Act (Bourne Conservation Commission)
- State Archaeologist Permit (MHC)

Inter-Agency Coordination

Federal

- US Army Corps of Engineers
- US DOT/FHWA
- Coast Guard
- US Environmental Protection Agency
- National Marine Fisheries Service
- US Fish and Wildlife Service

State

Historical Commission (State Historic Preservation Office)

- Massachusetts Department of Environmental Protection
- Massachusetts Executive Office of Energy and Environmental Affairs
- Massachusetts Environmental Policy Act Office (MEPA)
- Massachusetts Department of Fish and Game
- Massachusetts Office of Coastal Zone Management

Public Involvement



Since November 2023, MassDOT has conducted 6 rounds of public involvement including virtual public meetings and in-person open house events

MassDOT presented the complete build alternative at a November 2024 open house event attended by over 450 area residents

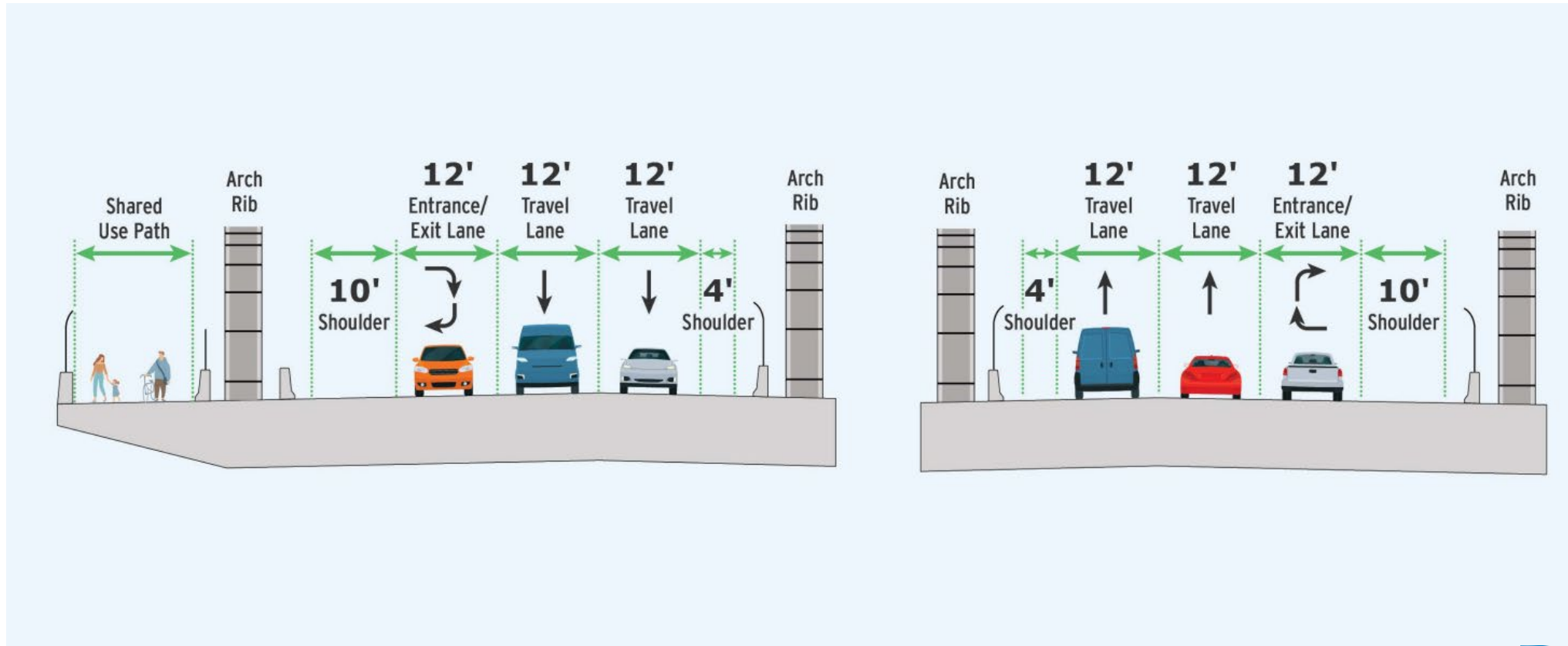
Strong public support for the replacement of the Bourne and Sagamore Bridges

MassDOT continues to engage an Advisory Group comprised of local and regional stakeholders and elected officials

Bridge Type – Twin Network Tied Arch



Bridge Type – Lane Configuration

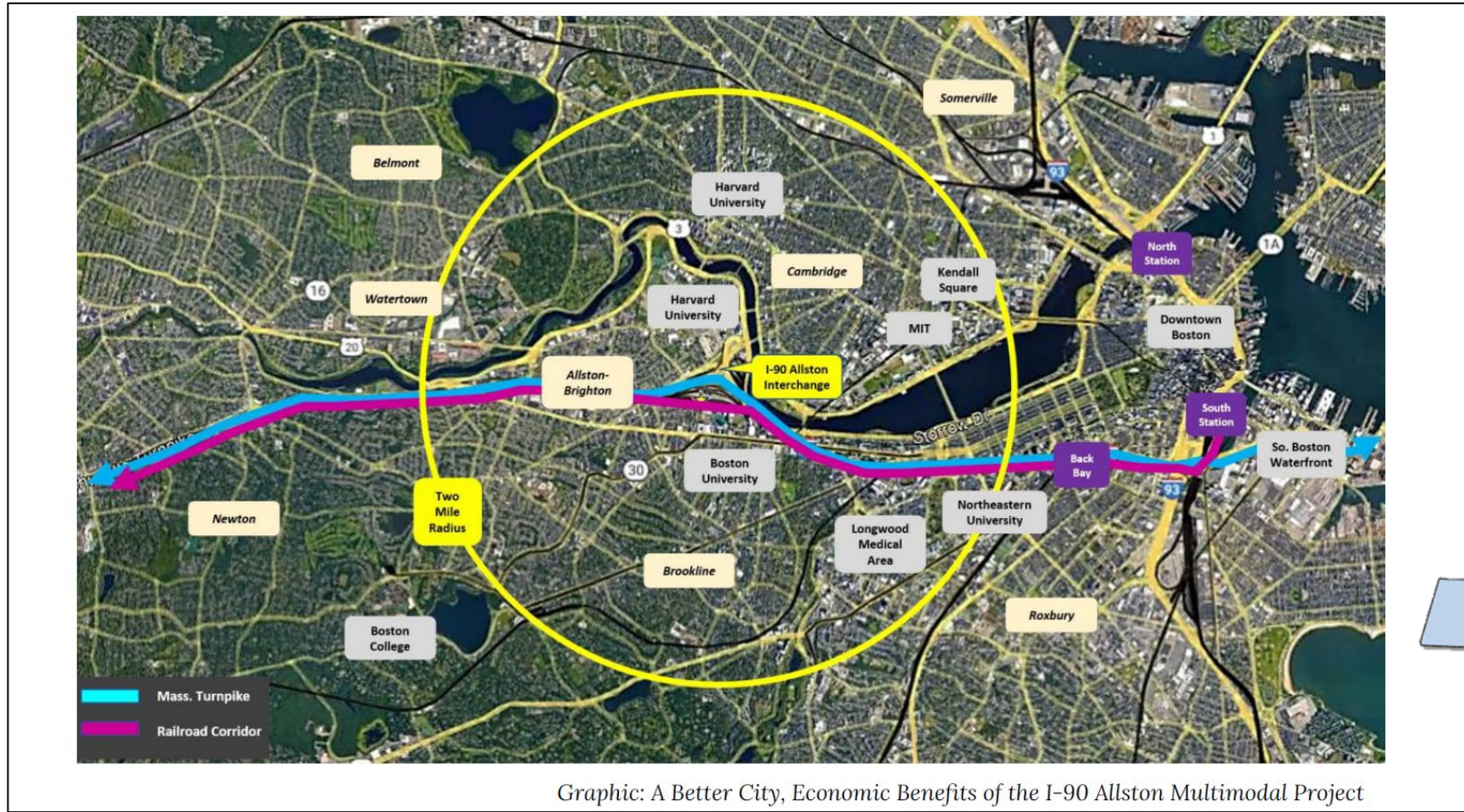


Next Steps

- Prepare and publish DEIS/DEIR, finalize permitting, obligate funds, procurement
- Continue to pursue funding for the Bourne Bridge
- Continue to advance preliminary design
- Upcoming public meetings:
 - **Spring 2025** – Section 4(f) public meeting to present impacts, mitigations and benefits to recreation facilities affected by the project
 - **Summer 2025** – DEIS public meeting

Allston Multimodal Project

10



Project Locus Map

Allston Multimodal Project

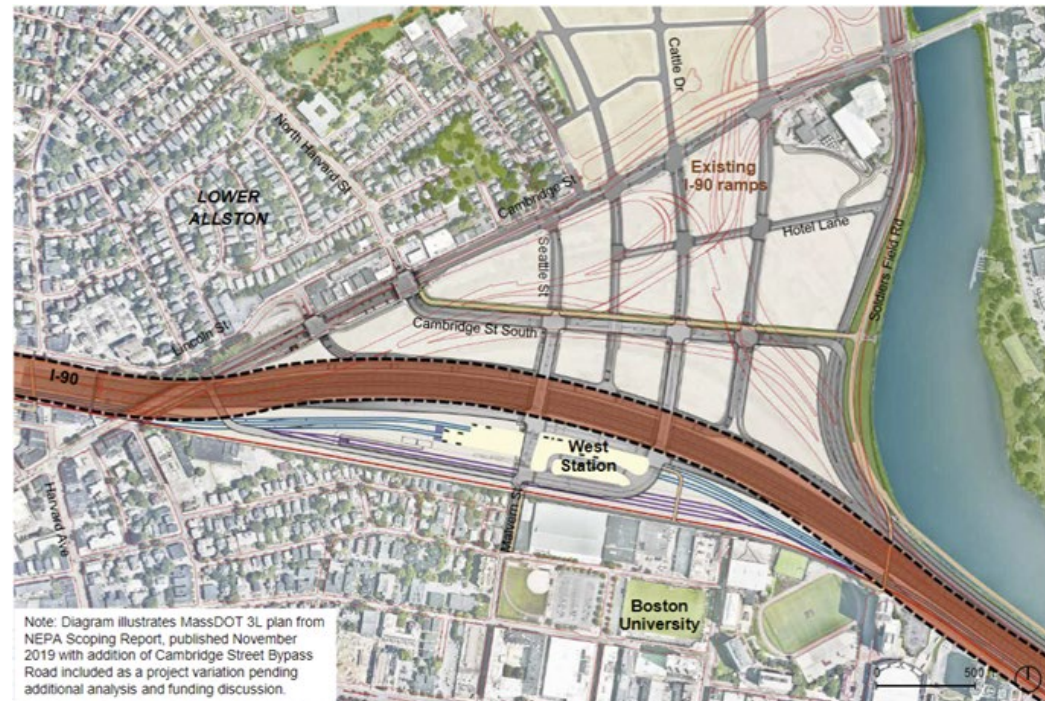
Project Overview

11

Allston Today



Allston With This Project



Allston Multimodal Project

Project Overview

12

The interchange is crucial to the Commonwealth's roadway network. Improvement to I-90 as part of this project will ensure its efficient operation. Improvements include:

- **Improved livability, connectivity, and open space** for residents of the Allston neighborhood
- **Improved regional mobility and roadway safety** with the straightening of I-90. The project will also shrink the Allston interchange.
- **Replacing the aging Allston Viaduct**, decreasing the need for traffic-impacting maintenance on this section of I-90
- **Removal of viaduct structure**, advancing an all at-grade alternative to allow for improved gateway into the city and enhanced neighborhood views.
- **Significant transit enhancements** a new West Station, providing greater access and improvements to the Commuter Rail and local bus service
- **Creates new DCR parkland along the Charles River** and improved access to existing parks in the area along with added infrastructure to handle stormwater and lower emissions.
- **Enhanced bicycle and pedestrian connections** from both the Allston neighborhood and Agganis Way to connect with new open space along the Charles River

Allston Multimodal Project

Project Design Updates

13



Multimodal Connectivity:

- MassDOT will provide additional enhancements to bicycle, pedestrian and accessible multimodal connectivity amenities:
 - South Side Buffer Path
 - Franklin Street Pedestrian Bridge,
 - Agganis Pedestrian Bridge

Allston Multimodal Project

Project Status

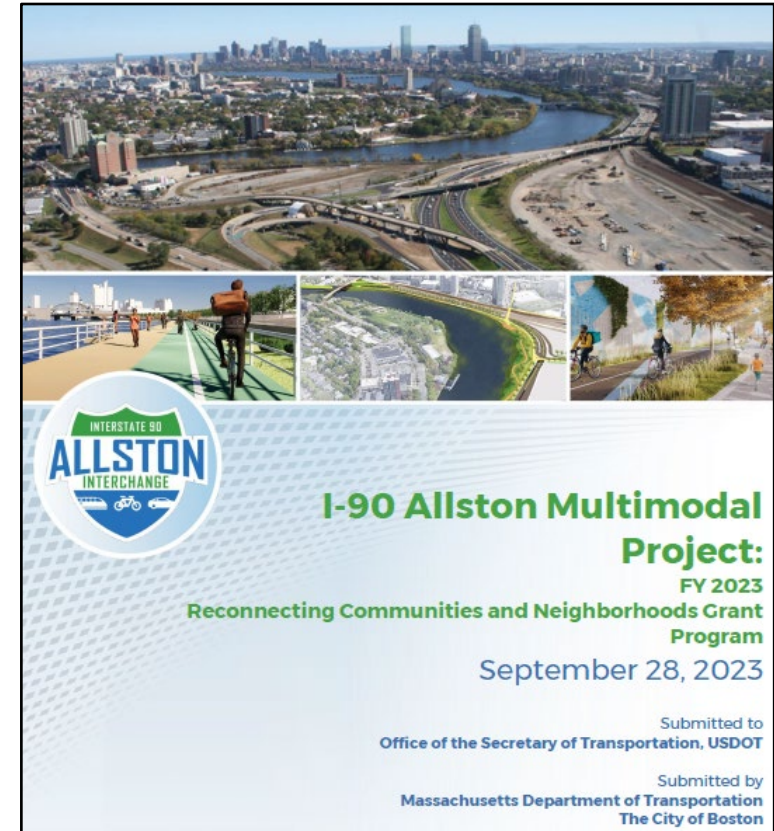
14

Project Cost:

- Total project cost estimate = **\$2.07 Billion**
 - Includes reconstruction of the Cambridge Street bridge over I-90/ MBTA RR

USDOT Grant:

- Project awarded a \$335 Million, Reconnecting Communities and Neighborhoods Grant
 - MassDOT lead applicant, jointly with the City of Boston
 - Financial commitment from MassDOT, City of Boston, Harvard and Boston University
 - Obligation deadline: September 2026



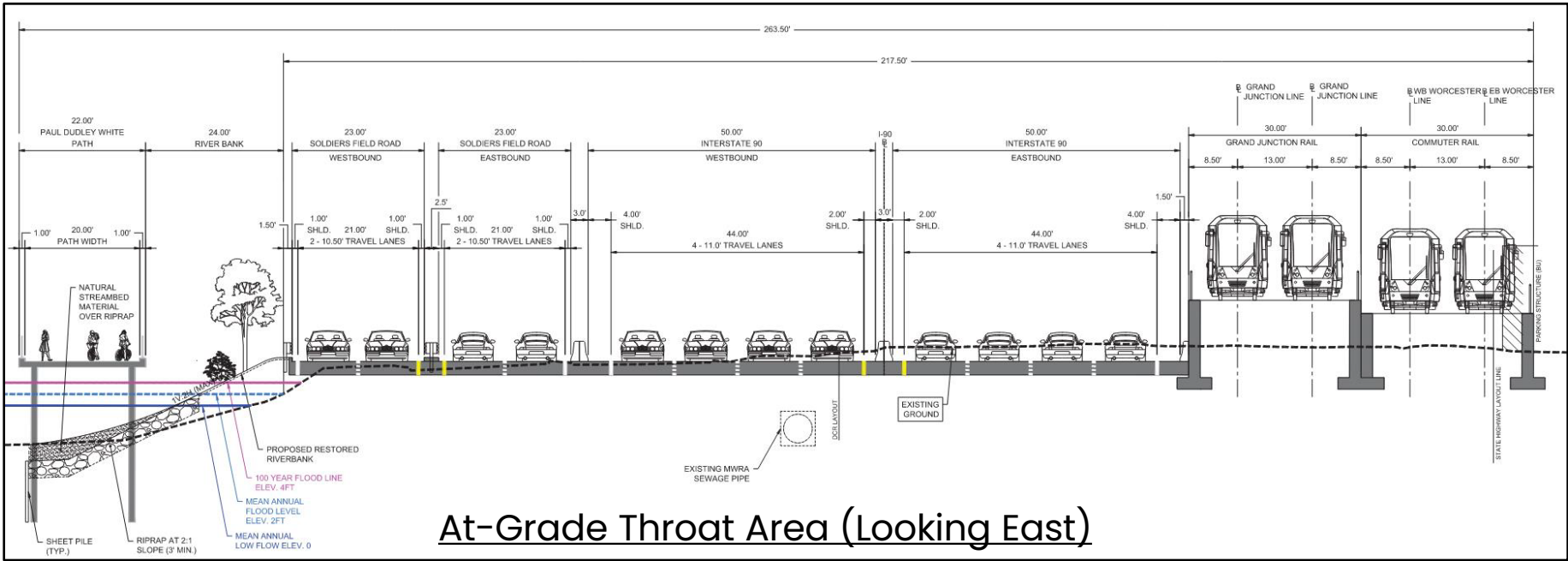
Allston Multimodal Project

Project Issues and Features



Project 'Throat Area'

- The project continues to advance an all at-grade alternative



At-Grade Throat Area (Looking East)

Allston Multimodal Project

Project Issues and Features

16

- Support of West–East Rail
- Need for Layover Spaces, Worcester Mainline Alignment, Grand Junction
- Large and Diverse Group of Stakeholders and Institutional Partners
- Multiple Agency Jurisdictions MassDOT (Highway, MBTA, Rail & Transit) City of Boston, US DOT/FHWA, DCR
- Uncertain Policy and Funding Climate

Allston Multimodal Project

Project Status



Spring 2025

Interchange
Modification Report
(IMR) Approval



Winter 2024 – Fall 2025

Review & Approval of
Supplemental Draft
Environmental Impact
Report (SDEIR) and Draft
Environmental Impact
Statement (DEIS)



Winter 2025 – Fall 2026

Review & Approval of
Environmental Impact
Report (EIR) and Final
Environmental Impact
Statement (EIS)



September 2026

Design-Build
Request for
Qualifications (RFQ)



Fall 2027

Design-Build
Contractor
Notice to Proceed

Project Timeline

Information

Allston Multimodal Project

- Luisa.Paiewonsky@dot.state.ma.us
- Susan.Harrington@dot.state.ma.us

Cape Cod Bridges

- Luisa.Paiewonsky@dot.state.ma.us