

## **MassDOT Highway Construction**

**Contract No. 129076 – Bridge Replacement, H-12-007, Bridge Street  
(SR 125) over the Merrimack River and the Bradford Rail Trail  
(Basiliere Bridge) in Haverhill, MA**

*July 30, 2025*



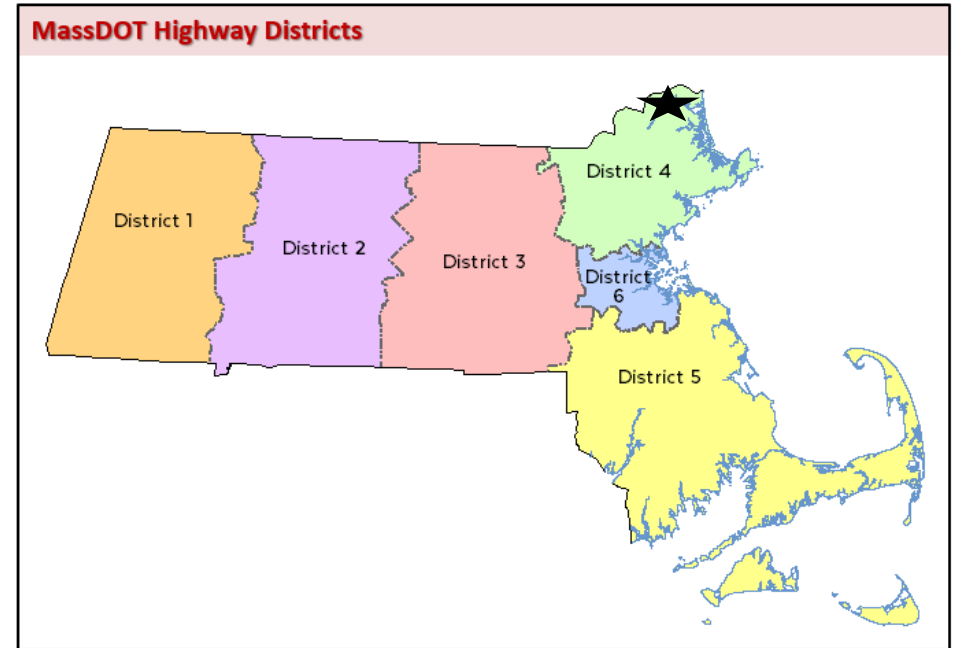
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# Overview

## Project Location

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Existing H-12-007 & H-12-025 and New H-12-007

# Overview

## Beyond Mobility Highlights

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- This project addresses replacement of a structurally deficient bridge carrying Bridge Street (SR 125) over the Merrimack River and the Bradford Rail Trail in the following priority areas.
- Primary mobility goal is to replace the existing structurally deficient USMC Private Basiliere Bridge with a bridge with improved bicycle and pedestrian accommodations, supporting **Destination Connectivity**
- Project Investment meets Beyond Mobility priorities for **Safety**, **Reliability**, and **Travel experience**.
- The proposed bridge structure supports system **resiliency** related to coastal resiliency and climate change attributed to the Merrimack River.



*USMC Private First Class Ralph Basiliere*

# Project Scope

## Bridge and Roadway Improvements

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### Bridge Improvements

- Replacement of the crossing of the Merrimack River at the existing bridge location
- Foundation and substructure work including temporary works, subject to Time-of-Year restrictions for in water work, and recreational boating and canoe/kayak events
- Separate span for crossing of Bradford Rail Trail at south side

### Roadway Improvements

- Defined 4 lane cross-section, 2 northbound, 2 southbound across the bridge
- Separated and protected bike lanes and sidewalks along on both sides of the bridge. Complete streets upgrades to adjoining intersections
- Updated Drainage/Lighting
- Stormwater Control Measures



*Existing Bridge*



# Project Scope

## Design and Rail Trail Coordination

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### Landscape Design

- Enhancements to existing Bradford Rail Trail
- Adaptive reuse of existing bridge tower roofs as gazebos adjacent to Rail Trail
- Pedestrian and Recreation Improvements
- Design in coordination with MassDOT and Haverhill Historical Society
- Historic plaques to honor Haverhill's rich past

### Bradford Rail Trail Coordination

- Access to Bradford Rail Trail and Dempsey Boardwalk maintained throughout construction and restored at project's end



*Proposed Basiliere Bridge*

# Construction Management Approach

## Outreach, Permitting and Duration

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### Public Outreach:

- March 2023 – Public Information Meeting #1
- April 2023 – Public Workshop #1
- May 2023 – Public Workshop #2
- July 2023– Greater Haverhill Chamber of Commerce Briefing
- July 2023 – Crescent Yacht Club Briefing
- August 2023 – Latino Coalition of Haverhill Briefing
- November 2023 – Public Information Meeting #2
- May 2024 – 25% Design Public Hearing

### Permits on the project include:

- National Environmental Policy Act (NEPA) – Individual CE approved by MassDOT and FHWA on December 9, 2024
- Section 4(f) Approval on November 25, 2024
- Bridge Exempt (no WPA, MEPA, CH 91)
- NPDES Construction General Permit (CGP)
- MassDEP 401
- ACOE 404 & 408
- EFH/Section 7
- USCG Bridge Permit

### Construction Management Approach:

- Design-Build Project
- MassDOT District 4 Construction
- Anticipated Construction NTP September 2025
- Construction Duration – September 2025–January 2032



*Proposed Overlook Rendering*

# Questions from Capital Programs Committee

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## **Q1. What are the granite towers on the existing bridge being used for?**

**A1.** While the towers themselves could not be salvaged, the existing copper roofs will be repurposed for gazebos at a plaza area along the Bradford Rail Trail.

## **Q2. What type of granite is it and are we reusing the material in the replacement bridge?**

**A2.** Granite from the existing piers is original to the 1925 construction and will be repurposed to construct retaining walls along the Bradford Rail Trail.

## **Q3. Explain the bike lane location as shown in the rendering of the proposed overlook.**

**A3.** The Shared-Use-Path will consist of a 5' bicycle lane closest to the roadway, a 1' buffer and a 5' sidewalk. This 5' sidewalk will widen out to 15' at the proposed overlooks.

## **Q4. Another short-listed team had a higher technical score. Can you explain the selection of the recommended bidder as it relates to technical score?**

**A5.** Scores above a 75 meet or exceed the Base Technical Concept. One proposer offered significant improvements to construction phasing, that warranted additional points. However, the cost of these improvements were significant. The recommended bidder provided the Best Value proposal while meeting all requirements of the Request for Proposals.



# Procurement and Budget

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- Project Advertised (RFP) January 2, 2025
- Engineer's Estimate was \$189,686,000.00
- Bid Opening was July 2, 2025

Best Value Calculation					Line Item	Budget
	Shortlisted Teams (Design Builders)*			STEP	Bid Amount	\$214,980,800.00
	Barletta Heavy Division, Inc.	<b>The Middlesex Corporation</b>	SPS New England Inc		Contingencies	\$21,498,080.00
Technical Scores	73.69	78.02	88.91	1- Pre-Entered by MassDOT	Construction Engineering	\$10,749,040.00
Price Proposal	\$276,432,100.00	<b>\$214,980,800.00</b>	\$263,930,445.00	2- Transferred from BidX	Traffic Police	\$3,800,000.00
Overall Value Rating = Price Proposal / Technical Scores	3,751,283.756	<b>2,755,457.575</b>	2,968,512.485	3- Calculated by MassDOT (Step2/Step1)	Trainees	\$4000.00
					Total	\$251,031,920.00

- Federal Aid – National Highway Performance Program (NHPP) – Bridge
- Programmed Cost in the 2025–29 TIP: \$ 218.02M

\* Walsh/AECOM did not submit the Technical

# Request of the MassDOT Board of Directors

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The Price Proposals were reviewed by engineers in the Construction, Construction Contracts, Design-Build Sections, and Preliminary Design Consultants, was found to be reasonable and recommended to be awarded to the contract apparent Best Value Design-Builder.

## **Request of the MassDOT Board**

Staff request that the MassDOT Board of Directors authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 129076: Bridge Replacement, H-12-007, Bridge Street (SR 125) over the Merrimack River and the Bradford Rail Trail with The Middlesex Corporation in the amount of \$214,980,800.00.

# Thank You

