

**MassDOT Highway Construction**  
**Contract No. 131932 – Yankee Doodle Bike Path Construction**  
**(Phase 1) in Billerica, MA**

*December 3, 2025*

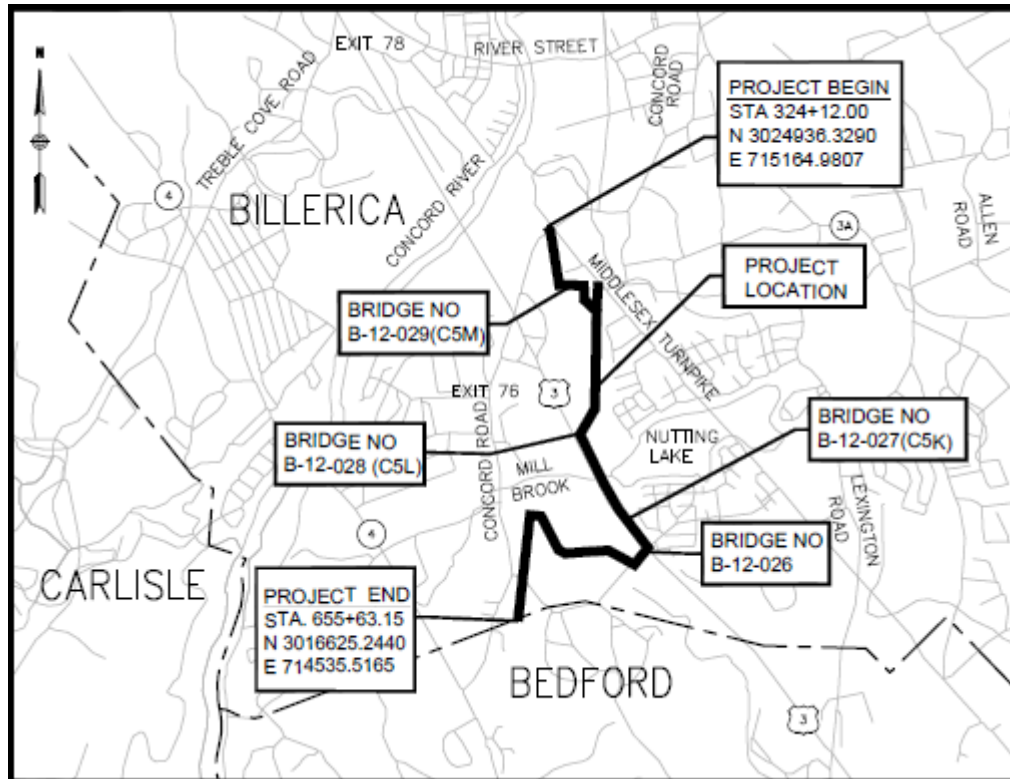


# **Table of Contents**

3. Overview
5. Project Scope
6. Construction Management Approach
7. Procurement & Budget
8. Questions from Capital Programs Committee
9. Request of the Board
10. Appendix

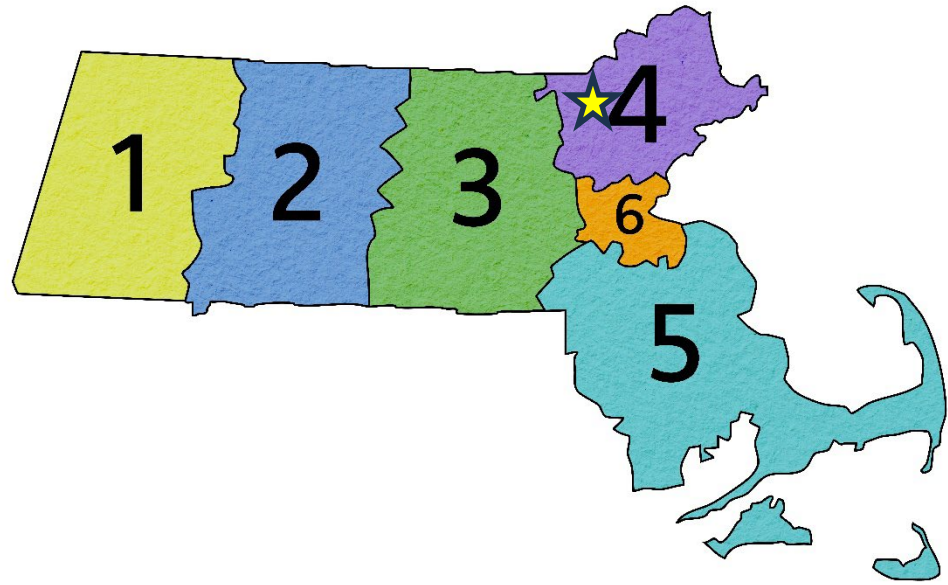
# Overview

## Project Location



Project Locus Map

## massDOT Highway Districts

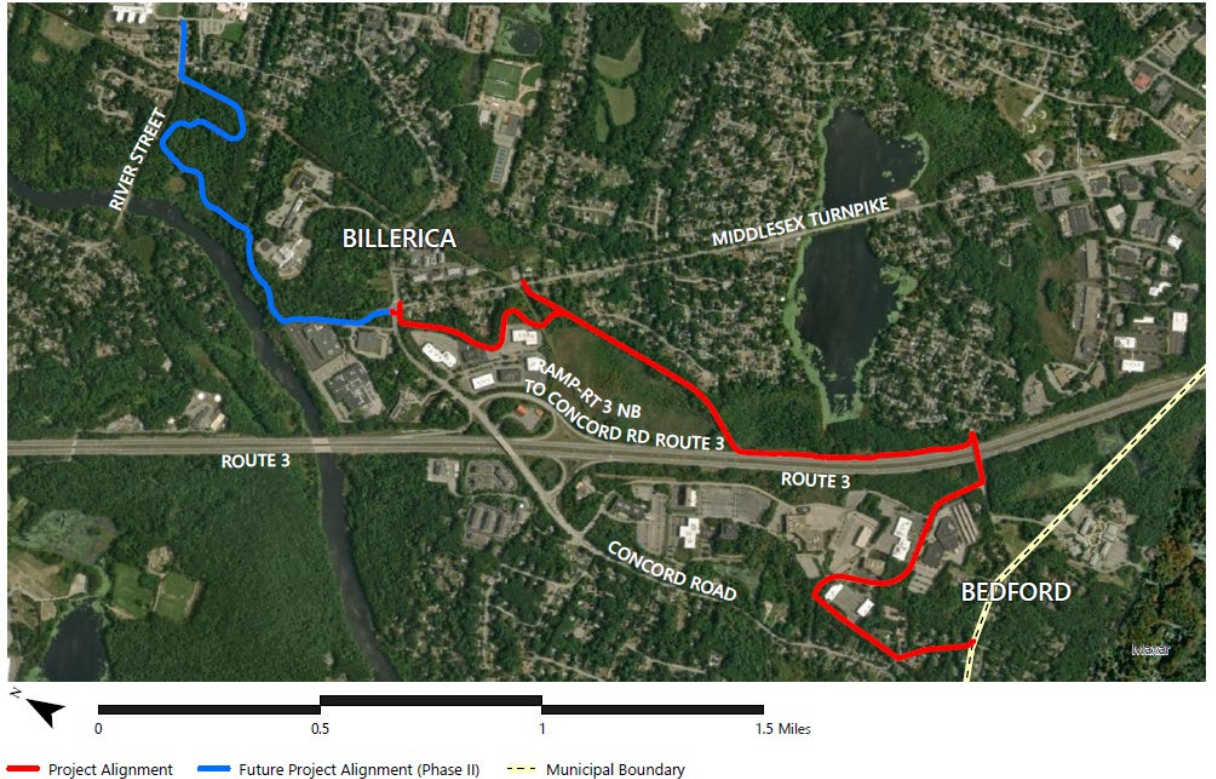


★ District Project Location

# Overview

## Beyond Mobility Highlights

- This project consists of constructing a multi-use, ADA-accessible shared use path that will complete a missing link in the Commonwealth's Priority Trails Network.
- Project Investment meets Beyond Mobility priorities for **Destination Connectivity** as the town center of Billerica will now be connected to the Minuteman Bikeway and links educational, recreational, and conservation areas in the southern portion of town.
- This project supports **Clean Transportation** through pedestrian and bicycle accommodations and the promotion of multimodal activity.
- A dedicated shared-use path also promotes **Safety** for non-motorized travelers



Locus Map showing the Project in red and the proposed future phase in blue

# Project Scope

- Construction of approximately 2.7 miles of a 10-foot-wide shared use path
- Full depth shared use path pavement
- Cement concrete pedestrian curb ramps and sidewalk
- Permeable pavement and granite curbing
- Rectangular Rapid Flashing Beacon (RRFB) installation, as well as pavement markings, signage, loam and seed, and other incidental work
- Utility improvements including a gravity sanitary sewer, installation of new drainage structures, utility pole relocations



# Construction Management Approach

## Outreach, Permitting and Duration

### Public Outreach:

- Select Board Hearing, December 2014 – requested approval to fund Project design;
- Fall Town Meeting, October 2021 – supplemental design funding approval;
- Community Preservation Committee, October 2023 – meeting to update status and request easement funding;
- Spring Town Meeting, May 2025 – authorizing the Town of Billerica to fund easement acquisitions and non-participating utility work;
- Spring Town Meeting, May 2025 – authorizing the Town of Billerica to transfer land for the Yankee Doodle Bike Path to comply with Article 97 requirements; and
- Select Board Hearing, July 2025 – approval to adopt the Order of Taking for the Yankee Doodle Bike Path easements

### Permits on the project include:

- WPA Order of Conditions
- MassDEP 401 Water Quality Certification (WQC)
- USACE 404 Pre-Construction Notification (PCN)
- Section 4(f) de minimis Impact Determination
- Article 97
- MEPA FEIR
- NEPA – Programmatic CE

### Construction Duration:

- Anticipate 2.7 years for construction with completion in Summer 2028

# Procurement and Budget

- Project Advertised August 9, 2025
- Engineer’s Estimate was \$21,227,120.00
- Bid Opening September 30, 2025
- 8 Bids were received:

Barletta Heavy Division Inc	\$17,395,243.00
E T & L Corp	\$17,559,045.00
Mas Building & Bridge Inc	\$18,596,550.09
S&R Corporation	\$19,413,565.00
New England Infrastructure Inc	\$19,748,000.00
J F White Contracting Co	\$19,916,244.00
The Dow Co Inc	\$20,666,005.00
Kodiak Corp	\$21,506,464.50

Line Item	Budget
Bid Amount	\$17,395,243.00
Contingencies	\$1,739,524.30
Construction Engineering (5%)	\$869,762.15
Traffic Police	\$205,000.00
Trainees	\$4,000.00
<b>Total</b>	<b>\$20,213,529.45</b>

Funded in the FY25-29 STIP with statewide CMAQ - Congestion Mitigation/Air Quality funding

# Questions from Capital Programs Committee

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**Q1.** *Is there a price per mile average for bike path construction?*

**A1.** Typical average ranges for a rail to trail is \$4Million/mile. With significant site constraints and structures spanning rivers, streams and wetland areas, higher costs ranging to \$6-7Million/mile are not unusual.

**Q2.** *Can you explain what's happening with the 3 bridges? Anything else in the project scope that is unique?*

**A2.** The project will include the construction of a porous pavement vehicular parking lot off the Middlesex Turnpike, four new stream crossings, boardwalk structures and a bridge over Bordering Vegetated Wetland associated with Nutting Lake, two wetland replication areas, and six compensatory flood storage areas.

**Q3.** *Why was a 4f permit required?*

**A3.** The 4f permit was for temporary occupancy (1,600+/\_SF) of recreational land called the Narrow Gauge Rail Trail owned by the Town of Bedford. The temporary occupancy is required to connect the new Yankee Doodle Bike Path to the existing Narrow Gauge Rail Trail and will include installing stone dust path, installing loam and seed, clearing and grubbing, and gate removal. As this parcel is a town-owned public rail trail and serves a public recreational function, this temporary occupancy is subject to protection under Section 4(/) of the Department of Transportation Act of 1966, as amended.

# Request of the MassDOT Board of Directors

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The Price Proposals were reviewed by engineers in Construction, Construction Contracts, Project Management, and the Design Consultant; costs were found to be reasonable and recommended to be awarded to the apparent low bidder.

## **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 131932 – Billerica – Yankee Doodle Bike Path Construction (Phase 1), with **Barletta Heavy Division Inc**, for the amount of **\$17,395,243.00**.

Thank You



# Appendix

# Public Outreach continued

- Select Board Hearing, December 2014 – requested approval to fund Project design;
- Bike Committee Presentation, June 2016 – reviewed and solicited input on alternatives analysis;
- MassDOT 25% Design Public Hearing, October 2019;
- Astrig Way Abutter Meeting, September 2020 – meeting to review path design alternatives;
- Community Preservation Committee, September 2021 – meeting to update status and request for supplemental design funding;
- Fall Town Meeting, October 2021 – supplemental design funding approval;
- ANRAD filing notices and public con-com hearings from September through December, 2022;
- NOI filing notices and public con-com hearings from January through June, 2023;
- Board of Health filing and public hearing, July 2023;
- Community Preservation Committee, October 2023 – meeting to update status and request easement funding;
- Bike Committee Presentation, November 2023 – status update meeting;
- Additional meetings were held with the Bike Committee to solicit feedback on the Project (2023-2025);
- MEPA Public Notice for the Environmental Monitor, February 2024;
- Spring Town Meeting, May 2025 – authorizing the Town of Billerica to fund easement acquisitions and non-participating utility work;
- MassDEP Water Quality Certification Public Notice, March 2025;
- Conservation Commission Hearing, March 2025 – requesting approval of Section 4(f) De Minimis Impact Determination;
- Letters of Intent, March 2025 – submitted to abutting properties to notify required easements;
- Spring Town Meeting, May 2025 – authorizing the Town of Billerica to transfer land for the Yankee Doodle Bike Path to comply with Article 97 requirements; and
- Select Board Hearing, July 2025 – approval to adopt the Order of Taking for the Yankee Doodle Bike Path easements