

Deerfield – Bridge Replacement, Upper Road over Deerfield River

Capital Programs Committee

July 15, 2026

Jack Moran, Deputy Chief Engineer



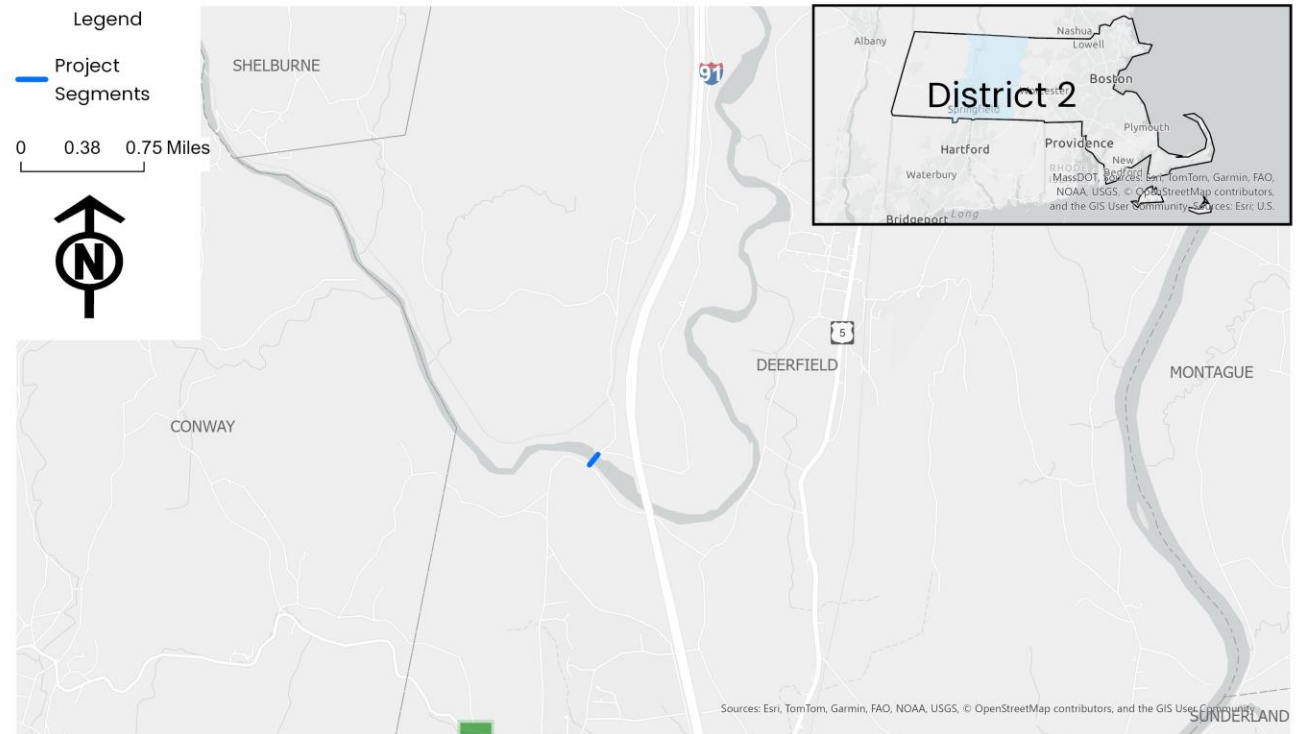
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Overview

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- Investment to replace a weight restricted, municipally-owned bridge (currently an 11-mile detour)
- This project will better accommodate the needs of the local community and create a more resilient structure for future flood events.
- Project Investment meets Beyond Mobility priorities for **Reliability**, **Travel experience**, **Resiliency** and **Destination Connectivity**.



Project Location

Project Scope

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Erosion of the abutment footings



Widespread deck spalls with exposed reinforcing



Deterioration of steel beams below the joints

- New structure will install scour-stable piers and footings to withstand contemporary flood events
- Provide a wider bridge to match adjacent roadways and improve vertical profile on the northern approach
- Capture and treat stormwater runoff before it enters the river
- Move overhead utilities onto the bridge

Public Review and Construction

Outreach, Permitting and Construction Management

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Public Review:

- Design Public Hearing (DPH) on December 13, 2022
- Coordination with the Deerfield Watershed Association to improve recreational access and for fishing and wildlife in the river.

Permitting: NEPA individual categorical exclusion, Section 4(f), Section 7, 401 Water quality certificate, Army Corp of Engineers – 404, Federal Energy Regulatory Commission Permit, Article 97

Construction Management:

- The Construction Contract Duration is approximately 4.5 years from the Notice to Proceed, Fall 2026 start and completion Summer 2031
- Construction is staged – two primary stages with one-lane alternating traffic on the bridge



Existing piers have a history of scour/undermining

Procurement and Budget

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Advertisement: May 30, 2026

Engineers Estimate: \$23,663,072.00

Bid Opening: June 30, 2026

3 bids were received:

Northern Construction Service LLC	\$21,632,509.00
S&R Corporation	\$22,790,016.00
New England Infrastructure Inc	\$29,651,468.00

Line Item	Budget
Bid Amount	\$21,632,509.00
Contingencies	\$2,163,500.90
Construction Engineering (5%)	\$1,081,625.45
Traffic Police	\$296,000.00
Trainees	\$4,000.00
Total	\$25,177,635.35

Project is funded using Bipartisan Infrastructure Law (BIL) Bridge Formula funds – Local Off-System Bridge set aside (no state match required for Federally Participating items)

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 Capital Programs Committee recommend to the MassDOT Board of Directors to authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 134590 – Bridge Replacement, D-06-001, Upper Road Over Deerfield River in Deerfield, MA, with **Northern Construction Service LLC**, for the amount of **\$21,632,509.00**.

Thank You

