

Bridge Deck Reconstruction of B-16-259 and B-16-260 on I-93 in Boston, MA

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January 28, 2026



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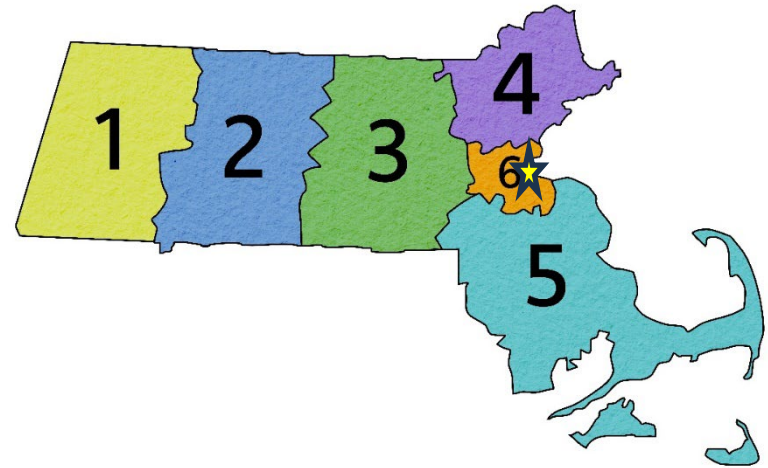
Overview

Project Location



Locus map

massDOT Highway Districts



★ District Project Location

Overview

Beyond Mobility Highlights

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- This project was initiated to repair the heavily deteriorated existing bridge deck joints to eliminate water leak into the portions of the steel structures below.
- The design promotes **Safety** for all users as the repairs will keep the bridge at the designed level of safety..
- Project Investment meets Beyond Mobility priorities for **Reliability**, by extending the service life of the structures, and **Travel experience**.
- The project supports **Destination Connectivity** as the ramps included in the project lead to access to the JFK/UMass MBTA Red Line T stop and other destinations.



Existing conditions: bridge deck deficiencies

Project Scope

Bridge joint repairs

Deck repairs

Bridge barrier/parapet wall repairs

Drainage cleaning

Fine milling and paving

Viaduct bridge structure and ramps carrying:

- I 93/US1/ST3, over ST3, MBTA & Columbia Road
- I 93 NB OFF RAMP, over RED LINE & RELIEF*
- I 93 SB ON RAMP, over OTHER RELIEF*
- I 93/US1/ST3, over Railroad (CSX SPUR LINE)



Existing conditions: typical wearing surface deficiencies

*RELIEF – auxiliary ramps or roadways providing alternative route

Construction Management Approach

Outreach, Permitting and Duration



Existing conditions: Moderate cracking in southbound lane with heaving

Permits on the project include:

- NEPA - Individual CE/Categorical Exclusion - approval 10/15/2025
- Threatened and Endangered Species within limits: No Effect Consistency Letter Determination completed 07/10/25.
- Work will involve access to MBTA tracks. The Contractor will coordinate needed permits with MBTA.

No Right of Way impacts anticipated.

Construction Duration:

- The Construction Contract Duration is 2.5 years from the Notice to Proceed.
- Anticipated construction start is Spring 2026 with completion in fall 2028

Nighttime work hours will be limited to between 10:00 pm and 4:00 am, which includes the time for set-up and breakdown of traffic control.

Construction work will be phased to minimize concrete bridge deck exposure.

Procurement and Budget

- Project Advertised November 11, 2025
- Engineer’s Estimate was \$17,354,525.00
- Bid Opening held December 9, 2025
- Five (5) bids were received:

McCourt Construction Co Inc	\$16,699,051.25
NEL Corporation	\$18,289,909.50
MIG Corporation	\$18,608,634.00
SPS New England Inc	\$19,542,023.00
J F White Contracting Co	\$21,144,387.50

Line Item	Budget
Bid Amount	\$16,699,051.25
Contingencies	\$1,669,905.12
Construction Engineering (5%)	\$834,952.56
Railroad flaggers	\$1,515,520.00
Traffic Police	\$927,600.00
Trainees	\$4,000.00
Total	\$21,651,028.93

Project is funded using Federal Aid Funds:
HIP/BR – Highway Infrastructure Program – Bridge

Questions from Capital Programs Committee

Q1. Will most of the work be done overnight?

A1. The work is scheduled to be performed overnight between 10:00PM through 4:00AM which includes necessary work for set-up and removal of traffic control equipment.

Q2. What's the significance of the permitting review for Endangered Species related to the project site?

A2. Highway Division Environmental Staff conduct necessary reviews under the Endangered Species Act and Massachusetts Natural Heritage and Endangered Species Program guidelines for all projects programmed under the Capital Investment Plan (CIP) and Surfaced Transportation Improvement Program (STIP) during project development.

Request of the MassDOT Board of Directors

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.

This contract was presented and unanimously approved by the Capital Programs Committee at their January 21st, 2026, meeting.

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 132904 – Boston – Bridge Deck Reconstruction of B-16-259 and B-16-260 on I-93, with **McCourt Construction Co Inc**, for the amount of **\$16,699,051.25**.

Thank You



Appendix

Project Scope

Bridge Inspection Photos – December 2021 & 2023



Typical transverse cracking over south abutment



Clogged catch basin (dirt & debris)-east parapet

Project Scope

Bridge Inspection Photos – December 2021 & 2023



Rusted joint armor and depressed joint seal



Bent RB3 cap, north face between girders 3&4