

MassDOT Highway Construction
Contract No. 132904 – Bridge Deck Reconstruction of B-16-259 and
B-16-260 on I-93 in Boston, MA

John Bechard, Deputy Chief Engineer of Project Development

Capital Programs Committee

January 21, 2026

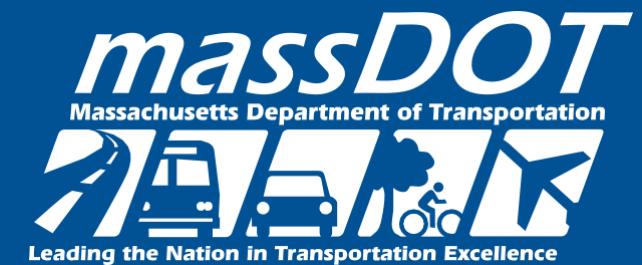


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Overview

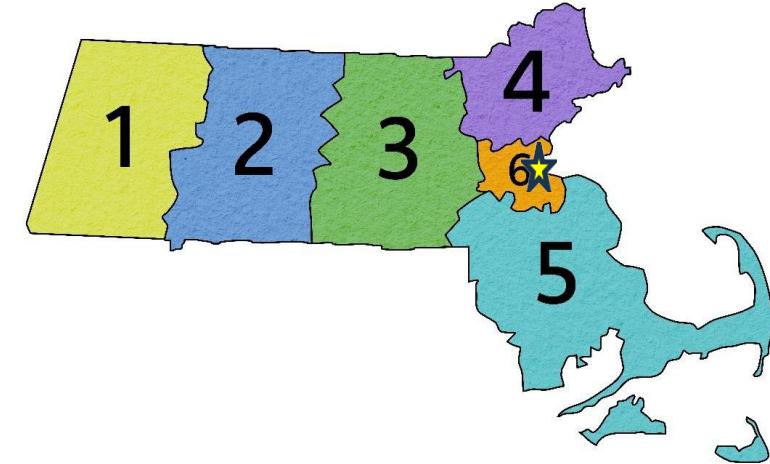
Project Location

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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

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Bridge joint repairs

Deck repairs

Bridge barrier/parapet wall repairs

Drainage cleaning

Fine milling and paving

Viaduct bridge structure and ramps include:

- B-16-259 (3EC) carries I 93/US1/ST3, over ST3, MBTA & Columbia Road
- B-16-259 (3EJ) carries I 93 NB OFF RAMP, over RED LINE & RELIEF*
- B-16-259 (3EH) carries I 93 SB ON RAMP, over OTHER RELIEF*
- B-16-260 (3DN) carries 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

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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. Will need permit from MBTA.

No ROW 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

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- 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

Request of the MassDOT Board of Directors

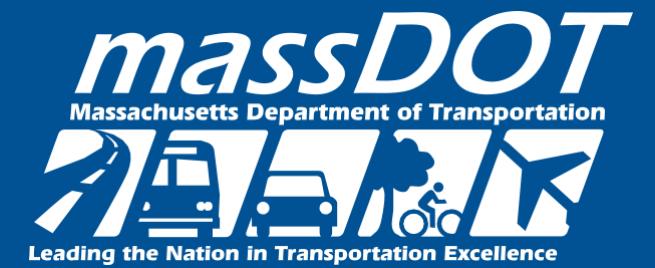
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The Price Proposals were reviewed by engineers in Construction, Construction Contracts, Project Management, and the Design Consultant; costs were found to be reasonable and recommended to be awarded to the apparent low bidder.

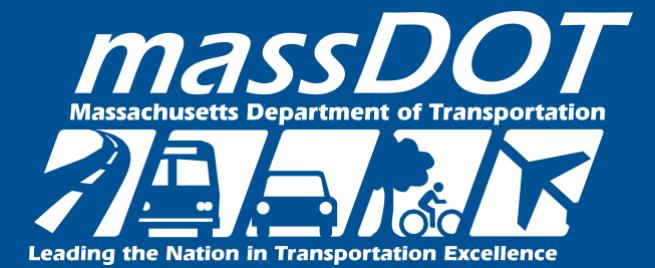
Request of the MassDOT Board

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 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

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Typical transverse cracking over south abutment



Clogged catch basin (dirt & debris)-east parapet

Project Scope

Bridge Inspection Photos – December 2021 & 2023

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Rusted joint armor and depressed joint seal



Bent RB3 cap, north face between girders 3&4