

MassDOT Highway Construction
Contract: 130548
Boston
Tunnel Preservation Within MHS Tunnels

September 17, 2025



Table of Contents

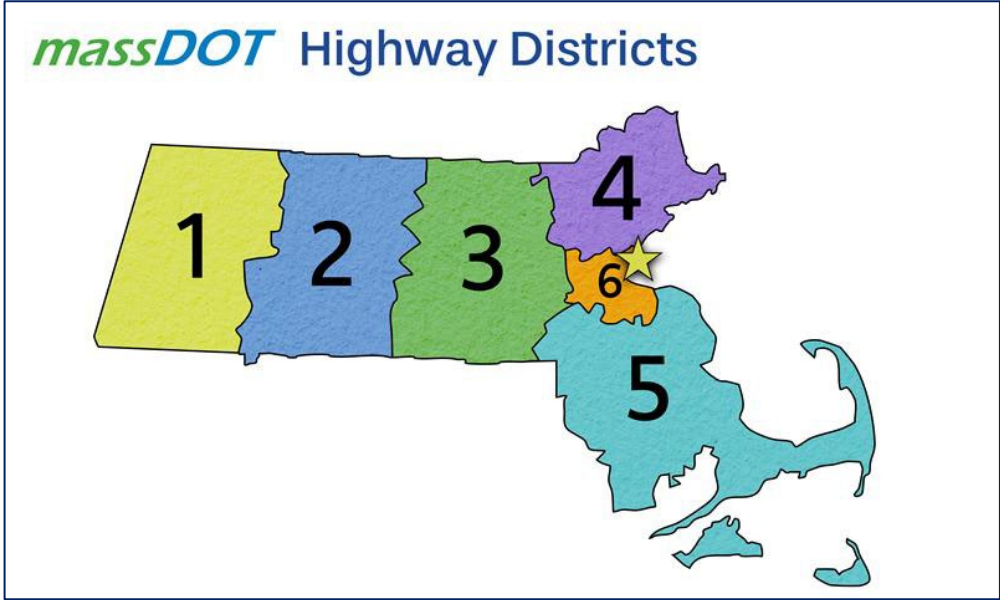
- 3. Overview
- 5. Project Scope
- 6. Construction Management Approach
- 7. Procurement & Budget
- 8. Questions from Capital Programs Committee
- 9. Request of the Board

Overview

Project Location



Metropolitan Highway System (MHS) Tunnel Network



★ District Project Location

Overview

Beyond Mobility Highlights

4

- Three-year contract to address deficiencies across the tunnel network to maintain **Safety** and **Reliability**.
- Work performed under this contract consistent with findings of Metropolitan Highway System (MHS) Triennial Inspection
- The MHS tunnels are integral to **Destination Connectivity** within the greater Boston region including transportation to/from Logan Airport.

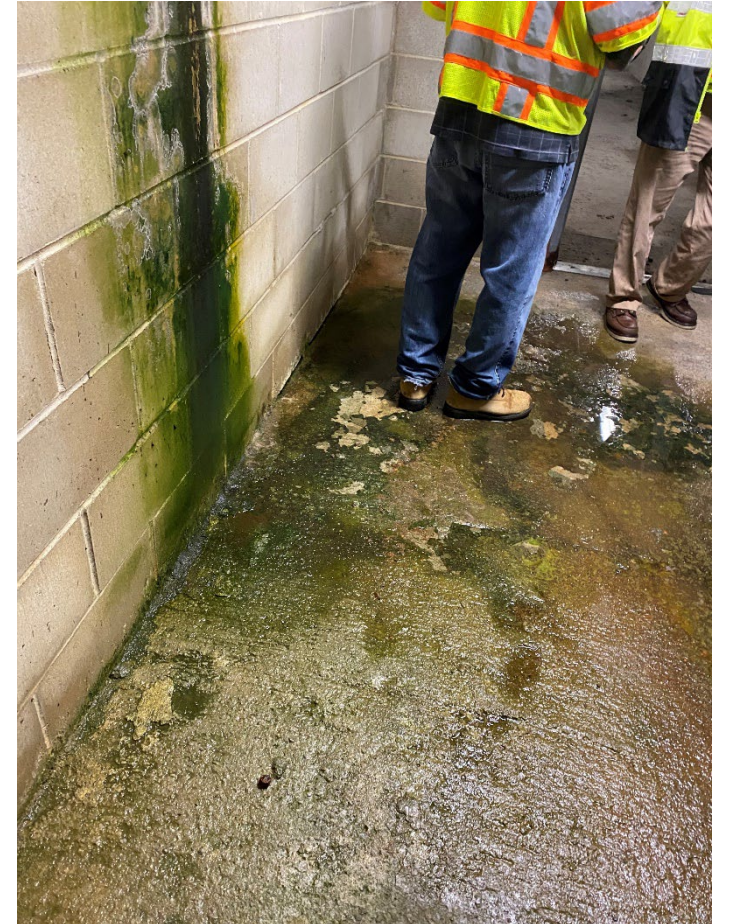


Project Scope

5

Comprehensive scope of tunnel system preservation with major activities including:

- Repairs to Callahan Tunnel ceiling and ventilation systems
- Repairs to tunnel ventilation buildings
- Repairs to tunnel fire standpipe
- Repairs to tunnel slurry walls
- Repair or replacement of ceiling girder-bay hatches
- Repair/replacement of tunnel wall panels
- Removal and replacement of existing drainage, electrical, and access structures frames and covers in roadway.
- Cleaning of tunnel drainage system



Construction Management Approach

6

- Design-Bid-Build Project
- Construction Managed by MassDOT Highway District 6
- Three (3) year construction duration
- Notice to proceed anticipated by December 2025

Contract work will be managed as follows

- Travel lane closures shall be restricted along I-93 mainline to Sunday through Thursday from 11:30 p.m. to 5:00 a.m.
- Contractor to notify District 6 Operations one week prior to proposed temporary roadway closures for coordination with MassDOT Maintenance activities and local cultural and sporting events.



Procurement and Budget

7

- Project Advertised June 07, 2025
- Engineer's estimate was \$41,871,668.00
- Bid opening held August 19, 2025
- Two (2) bids were received:

J F WHITE CONTRACTING CO	\$52,182,001.00
SPS NEW ENGLAND INC	\$56,334,301.50

Line Item	Budget
Bid Amount	\$52,182,001.00
Contingencies	\$7,827,300.14
Construction Engineering	\$2,609,100.05
Specialty Services	\$15,000.00
Traffic Police	\$2,093,600.00
Total	\$64,727,001.19

Project financed with MHS/Metropolitan Highway System Capital Funds through the 2026-2030 CIP/Capital Investment Plan

Questions from Capital Programs Committee

8

Q1. The lowest bidder came in higher than the engineer's estimate. Do you have any observations as to the gap? Is it related to risks factored in future material costs?

A1. *The bid was reviewed and found to be reasonable, and it is our judgement that the disparity is a result of the unique challenges of work within the MHS*

Request of the MassDOT Board of Directors

8

The Price Proposals were reviewed by engineers for 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 for 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 130548: Tunnel Preservation within MHS Tunnels with **J F White Contracting Co** in the amount of **\$52,182,001.00**.

Thank You

