

MassDOT Highway Construction Contract: 123407

Interstate Maintenance & Related Work on I-90

MassDOT Board of Directors

October 18, 2023



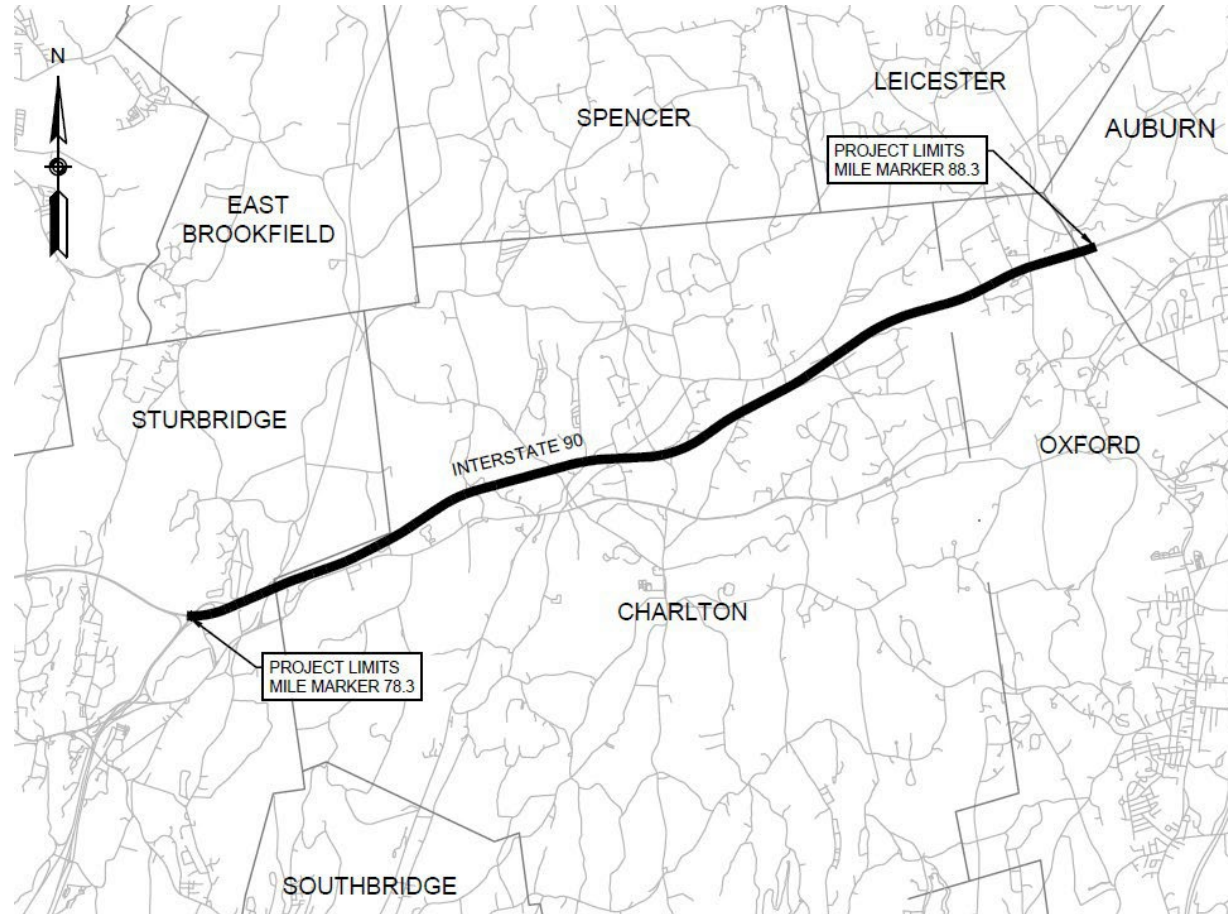
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Project Location

Interstate 90 in Sturbridge/Charlton/Oxford/Auburn (MM 78.3 to MM 88.3)

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- Lane shifting will be required but will maintain one lane in each direction.
- Nighttime operation requires 5-hr day w/ 5-day week. Work conducted btwn approved hrs of 9PM & 5AM unless otherwise authorized by the Engineer & w/ certain holiday exceptions.
- Construction will take approx. two years from NTP.

Overview

Scope of Services/Purpose & Need

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- Scope of Services
 - Resurfacing a portion on Interstate 90 through Sturbridge, Charlton, Oxford, and Auburn from MM 78.3 to MM 88.3
 - Work primarily consists of milling and paving the mainline, ramps, bridge decks, and transitions to and from bridge decks.
 - Related work includes bridge improvements; stormwater improvements; clearing and grubbing; adjusting and rebuilding existing drainage structures; replacing damaged frames and grates/covers; resetting granite edging; replacing hot mix asphalt berm; replacing existing substandard guardrail; placement of recessed polyurea pavement markings, preformed tape, and recessed reflectors.
- Purpose & Need
 - Existing pavement has degraded to a poor level and requires resurfacing. Resurfacing will improve the pavement serviceability, condition, and roadway safety.
 - Superstructures of bridges have deteriorated and require routine maintenance work.

Procurement and Budget

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- Project Advertised July 29, 2023
- Engineer's Estimate was \$31,607,819.40
- Bid Opening was October 3, 2023
- Three (3) Bids were received:
 - J H Lynch & Son Inc. \$33,288,892.20
 - Palmer Paving Corp. \$34,435,930.19
 - P J Keating Company \$35,834,687.65

Line Item	Budget
Bid Amount	\$33,288,892.20
Contingencies (10%)	\$3,328,889.22
5% Construction Engineering	\$1,664,444.61
Traffic Police	\$1,738,500.00
Total	\$40,020,726.03

- NFA – Tolls – Western Turnpike (WT) – Site Specific
- This project was originally advertised on January 28, 2023 with an Engineer's Estimate of \$29,290,288.00. Based on bids received at that time being over 40% higher than the Engineer's Estimate, MassDOT determined that the best course of action was to reject the bids, revise the scope of work and the estimate then re-advertise the project in July 2023.

Request of the MassDOT Board

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- Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 123407 – Interstate Maintenance and Related Work on I-90 with JH Lynch & Sons Inc. in the amount of \$ 33,288,892.20.

Thank You

