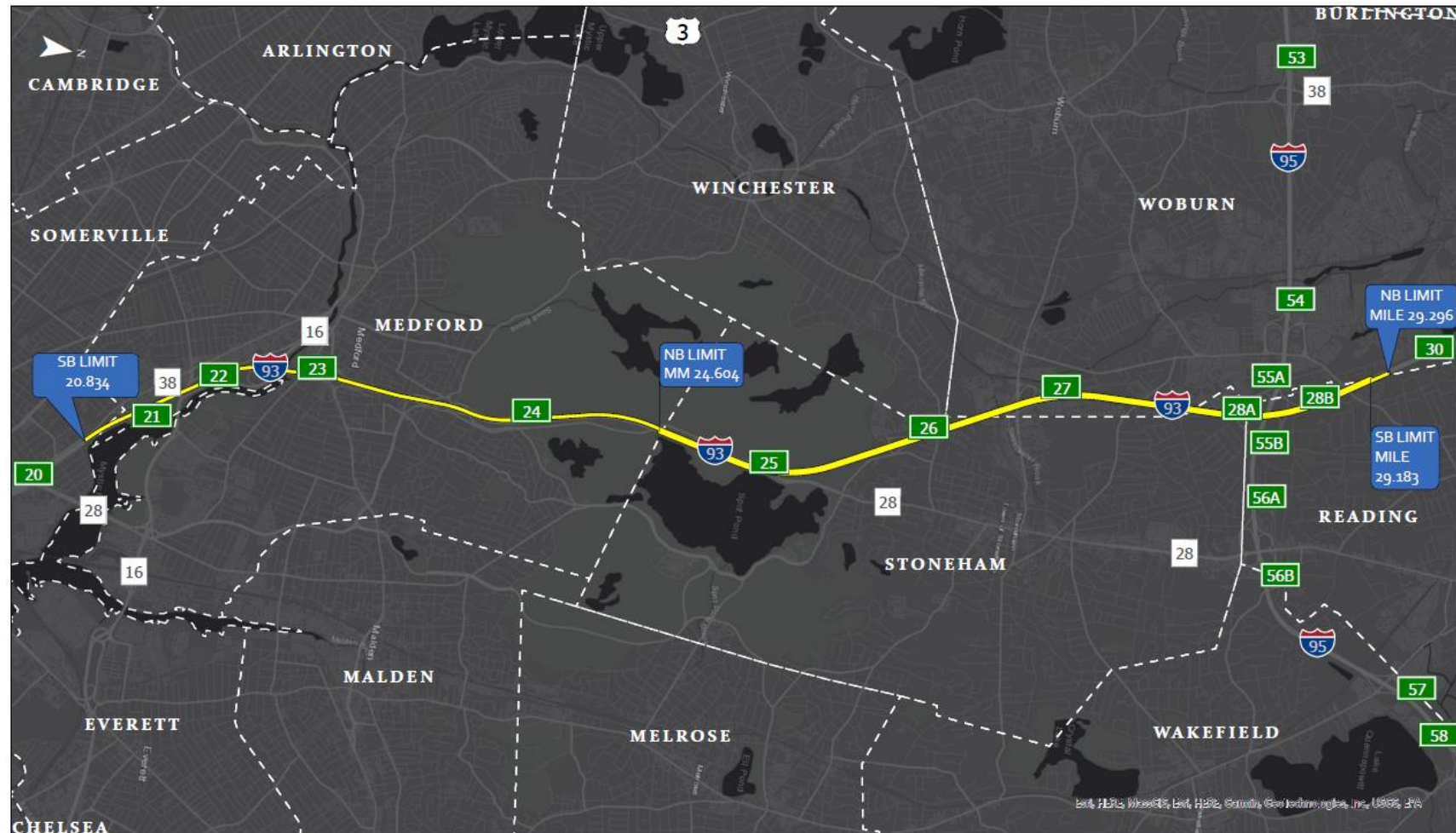




**MassDOT Highway Construction Contract: 121698**  
**Medford, Reading, Somerville, Stoneham, Winchester,**  
**Woburn (610726) – Interstate Pavement Preservation on I-93**

Board Meeting  
July 19, 2023

# Project Location



# Overview

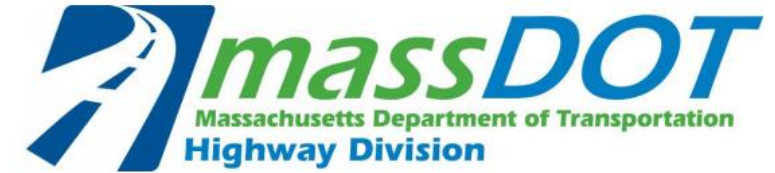


- The work to be completed under this contract consists of resurfacing a portion of Interstate 93 through Somerville, Medford, Stoneham, Winchester, Woburn, and Reading. The project extends from MM20.8 in Somerville to MM29.3 in Woburn, totaling approx. 8.5 miles.
- Pavement work consists of fine milling 2 inches of existing pavement and resurfacing with 2 inches of Superpave High Performance Surface Course (HP-12.5).
- Bridge work, within project limits, includes pavement resurfacing, removing and replacing joints, parapet repair, guardrail repair, removing and resetting bridge curb, and bridge railing repair.
- Request MassDOT Board approval of this \$36,122,640 contract with Holcim-Ner Inc.
- Construction will take approximately 4.5 years to complete; staged to maintain 1 lane of traffic in each direction at all times.

# Purpose and 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 maintenance work.

# Construction Scope



## Interstate 93:

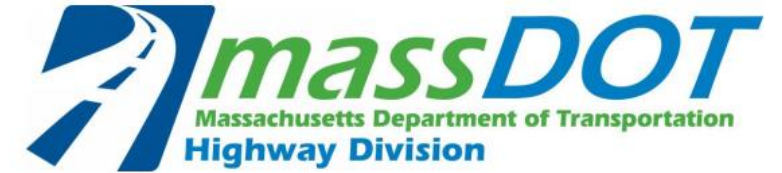
- Fine milling 2 inches of existing pavement and resurfacing with 2 inches of Superpave High Performance Surface Course (HP-12.5).
- Installation of traffic counting stations.
- Median barrier repair.
- Bridge maintenance of 17 bridges along the corridor.
- Removing and resetting granite curb, granite edging and replacing HMA berm as needed.
- Adjusting, cleaning and rebuilding existing drainage structures.
- Replacing existing guardrail with MASH compliant guardrail, hardware and end treatments.

# Traffic Impacts

- Lane shifting will have minor impacts to the overall traffic pattern.
- One lane of traffic in each direction will be maintained at all times.
- All work under this contract shall be conducted between the hours of 9:00 PM and 5:00 AM unless otherwise authorized by the Engineer and with certain exceptions for holidays.

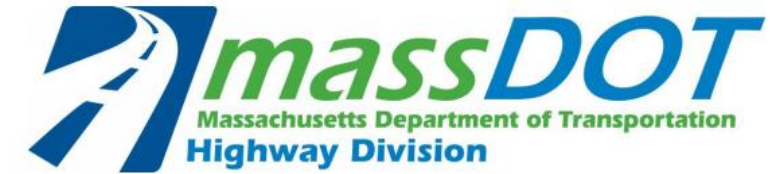


# Procurement



- Project was advertised March 25, 2023
- Engineers Estimate was \$40,488,295.50
- Bid Opening was May 31, 2023
- Three (3) bids were received:
  - **Holcim-Ner Inc.** **\$36,122,640.00**
  - PJ Keating Company \$48,786,990.00
  - Brox Industries \$49,209,756.20

# Overall Project Budget

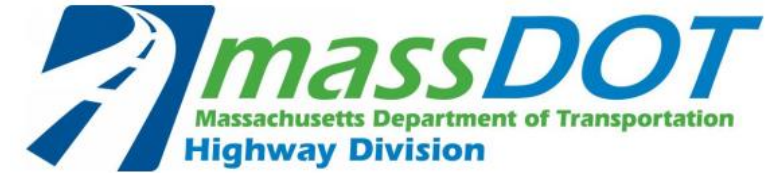


Line Item	Budget
Bid Amount	\$36,122,640.00
Contingencies (10%)	\$3,612,264.00
Construction Engineering (5%)	\$1,806,132.00
Engineering Services	\$100,000.00
Traffic Police	\$1,821,973.00
Trainees	\$5,600.00
<b>Total</b>	<b>\$43,468,609.00</b>

- FA – Nat’l Hwy Perform. Prgm (NHPP) - Interstate Maintenance Funding
- FA - Hwy Infrast. Prgm (HIPBR) - Bridge Funding



# Request of the Board



- Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or her designee, to award and execute MassDOT Construction Contract 121698: Interstate Pavement Preservation on I-93 with Holcim-Ner Inc. in the amount of \$36,122,640.00.