



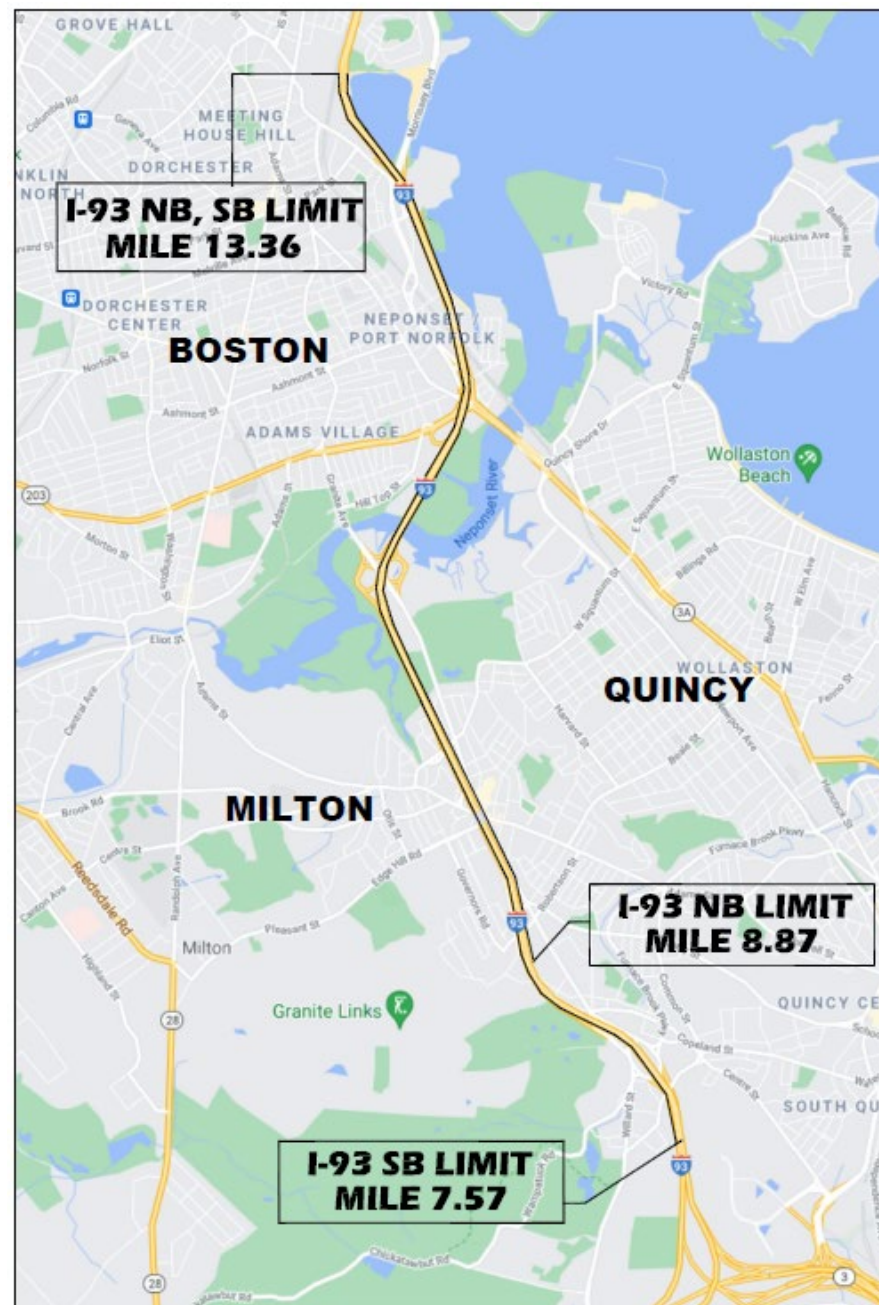
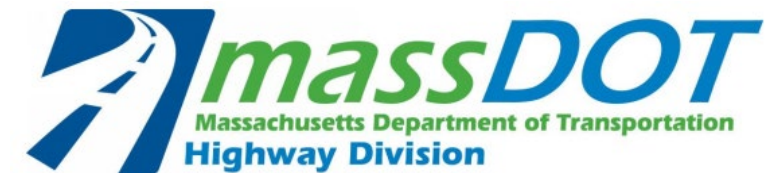
MassDOT Highway Construction Contract: 117901

**Southeast Expressway/Interstate 93 Replacement of Barriers
for High Occupancy Vehicle Lane (HOV)**

Board Meeting

July 20, 2022

Project Location



Overview



- Installation of new moveable concrete barrier on Interstate 93/Southeast Expressway to replace the existing, deteriorated barrier for the High Occupancy Vehicle Lane.
- In the NB direction, work begins in Quincy (MM 8.87) and extends northerly into Boston (MM 13.36) for a total length of 4.49 miles. In the SB direction, work begins in Quincy (MM 7.57) and extends northerly into Boston (MM 13.36) for a total length of 5.79 miles. In total, 54,980 feet of barrier will be replaced.
- Requesting MassDOT Board approval of this \$29.96M contract with McCourt Construction Co Inc.
- Construction will take approximately 1.5 years to complete; staged to maintain 1 lane of traffic in each direction at all times

Purpose and Need

- Existing movable barrier has deteriorated to a poor level and requires replacement.
- New barrier will upgrade the existing system to meet Federal Highway's MASH Compliance requirements.

Construction Scope



Interstate 93:

- Furnishing and installation of new movable barrier for the HOV Lane.
- Removal and disposal of existing movable barrier.
- Existing barrier that is not being removed shall have the existing yellow tape removed and replaced with yellow epoxy paint.
- Additional work includes temporary traffic control for construction activities, cleaning of drainage structures, replacement of any non bolt down frame and covers.

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 11:00 PM and 4:00 AM unless otherwise authorized by the Engineer and with certain exceptions for holidays.

Procurement



- Project was advertised April 30, 2022
- Engineers Estimate was \$25,498,280.00
- Bid Opening was June 22, 2022
- Eight (8) bids were received:
 - **McCourt Construction Co Inc** **\$29,962,271.00**
 - Skanska USA Civil Northeast Inc \$30,760,000.00
 - JF White Contracting Co \$31,302,820.00
 - AA Will Corp \$31,756,930.00
 - SPS New England Inc \$31,849,440.00
 - Roadsafe Traffic Systems Inc \$31,890,720.00
 - Northern Constr Services Inc \$34,337,055.00
 - JH Lynch & Sons Inc \$37,487,301.00

Overall Project Budget



Line Item	Budget
Bid Amount	\$29,962,271.00
Contingencies	\$2,551,028.00
Construction Engineering	\$1,345,264.00
Traffic Police	\$982,000.00
Traffic Police OT/Non-Participating	\$421,000.00
Trainees	\$4,000.00
Total	\$35,265,563.00

- Coronavirus Response & Relief Supplemental Appropriations Act Funding
- Programmed Cost in the 2022 TIP: \$32,200,000.00

Proposed Board Vote



VOTED:

To authorize the Secretary of the Massachusetts Department of Transportation, or his designee, to award and execute MassDOT Construction Contract 117901: Replacement of Barriers for High Occupancy Vehicle (HOV) Lane, Southeast Expressway/Interstate 93, with McCourt Construction Co., Inc., in the amount of \$29,962,271.00.