

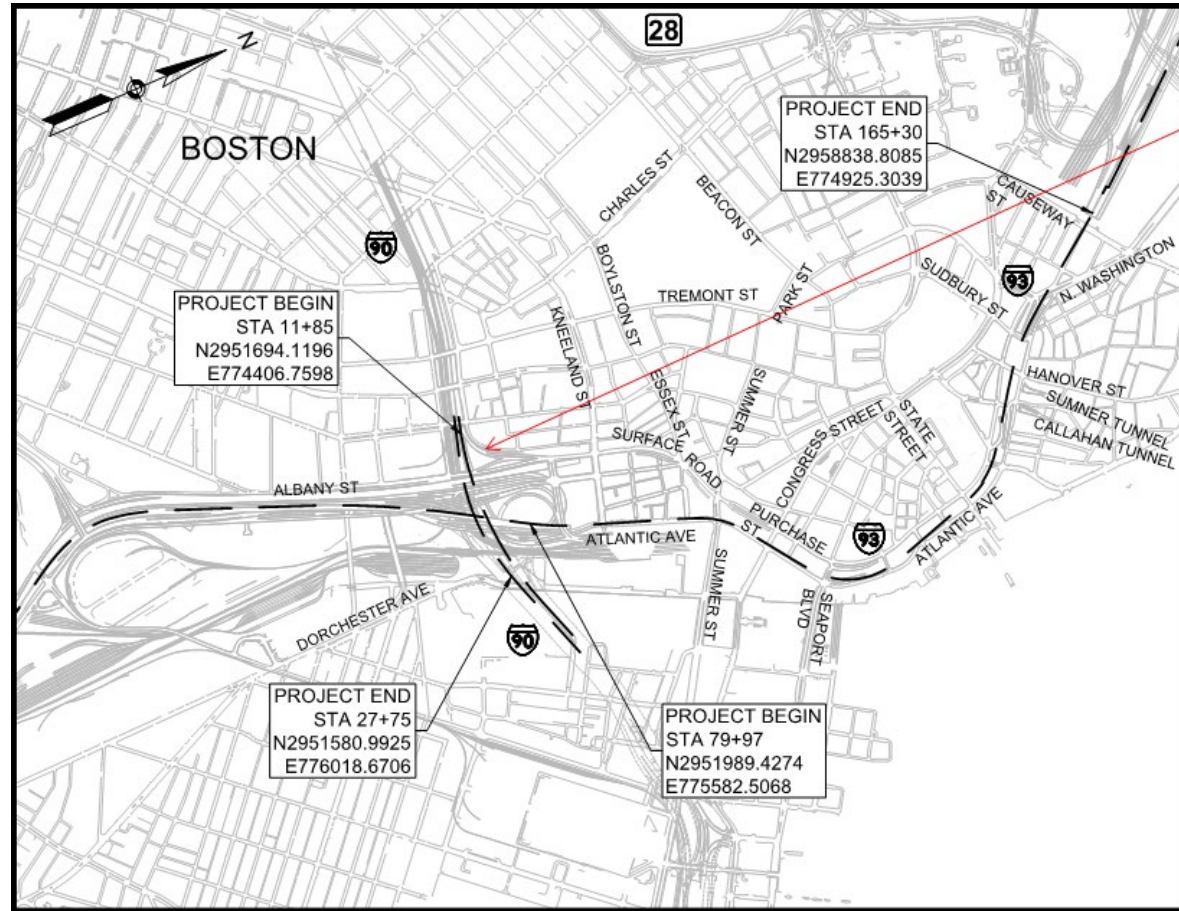


**MassDOT Highway Construction Contract: 110859**  
**BOSTON – Miscellaneous Ramps Microsilica Overlay**  
**Replacements on I-90 & I-93 (CRC) Contract 2**

Joint Board Meeting  
June 22, 2020

## Project Locus

I-93 N Bound	1,718'
I-90 E Bound	1,520'
I-90/93 Interchange Ramps	12,275'
<b>TOTAL</b>	<b>15,513'</b>





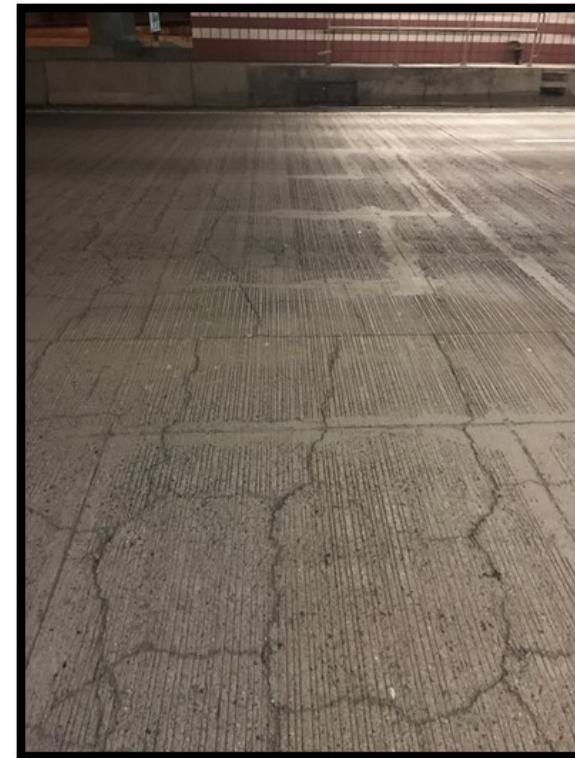
## Overview

- Removal of concrete microsilica pavement to address delamination
- Microsilica to be replaced with Hot Mix Asphalt (HMA)
- Catch basin grates and manhole covers to be replaced
- New pavement markings
- Requesting MassDOT Board approval of \$15.6M contract with the McCourt Construction Company Incorporated
- Construction will take approx. 20 months to complete; staged to in short evening shifts



## Purpose and Need

- The wearing surface concrete microsilica is spalling and delaminating and subject to frequent maintenance





## Construction Scope

- Lane closures are restricted to occur between the hours of 11:00pm and 5:00am
- Typical Construction Activity
  - Milling 12:00am-2:00am
  - Cleaning 1:00am-2:30am
  - Tack Coat 2:00am-3:00am
  - Pavement 2:30am-3:30am
  - Construction End Activities
  - Inspect & Measure 3:30am-4:00am
  - Pavement Cooling Duration 3:30am-5:00am



## Procurement

- Project was advertised February 22, 2020
- Engineers Estimate was \$23,211,776.00
- Programmed 2020-2024 CIP \$ 21,580,000.
- Bid Opening was May 27, 2020
- Three (2) bids were received:
  - **McCourt Construction Co. Inc.** **\$15,554,440.00**
  - SPS New England, Inc. **\$16,445,320.00**



## Overall Project Budget

Line Item	Budget
Bid Amount	\$15,554,440.00
Contingencies	\$ 1,555,444.00
Construction Engineering	\$ 777,722.60
<b>Total</b>	<b>\$17,877,606.60</b>

- 50% CARM funding, 50% MHS 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 110859: Miscellaneous Ramps Microsilica Overlay Replacement on I-90 & I-93 (CRC 28) Contract 2 with McCourt Construction Corporation Incorporated for an amount not to exceed \$15,554,440.00.