

Needham-Wellesley I-95 Add-A-Lane

Needham Crossing Owners' Meeting

June 3, 2015

Agenda

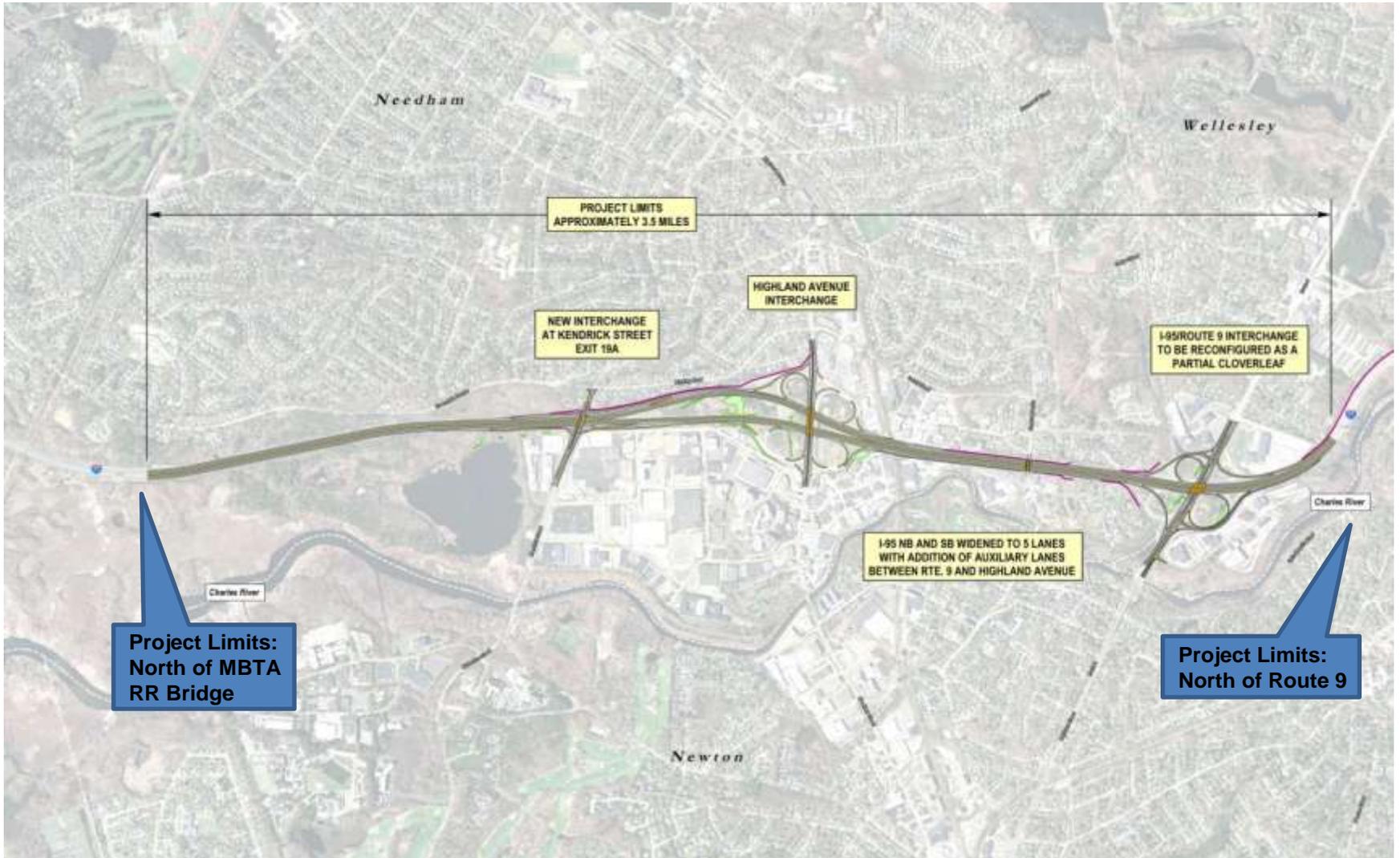
- Welcome and introductions
- Project Overview and Goals
- Current Work
- The View Ahead
- Keeping informed during construction

Project Goals and Overview

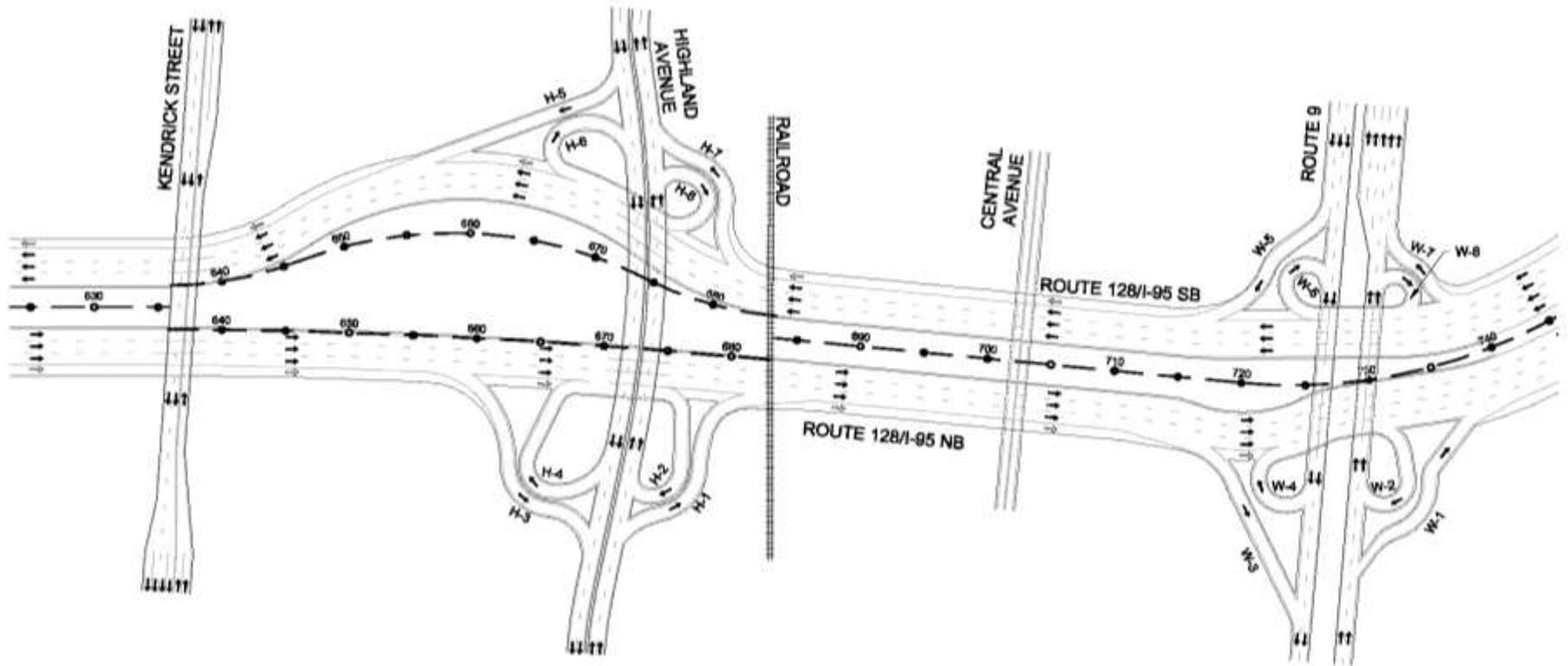
Project Status

- Project awarded to Barletta Heavy Division
- Construction started in January, 2015
- Project currently in stage 1 of 5.
- Focus on:
 - Widening Kendrick Street Bridge
 - Start construction of Highland Avenue Bridge
 - Start construction at Route 9 interchange
 - Removal of disused railroad bridge – *now complete*

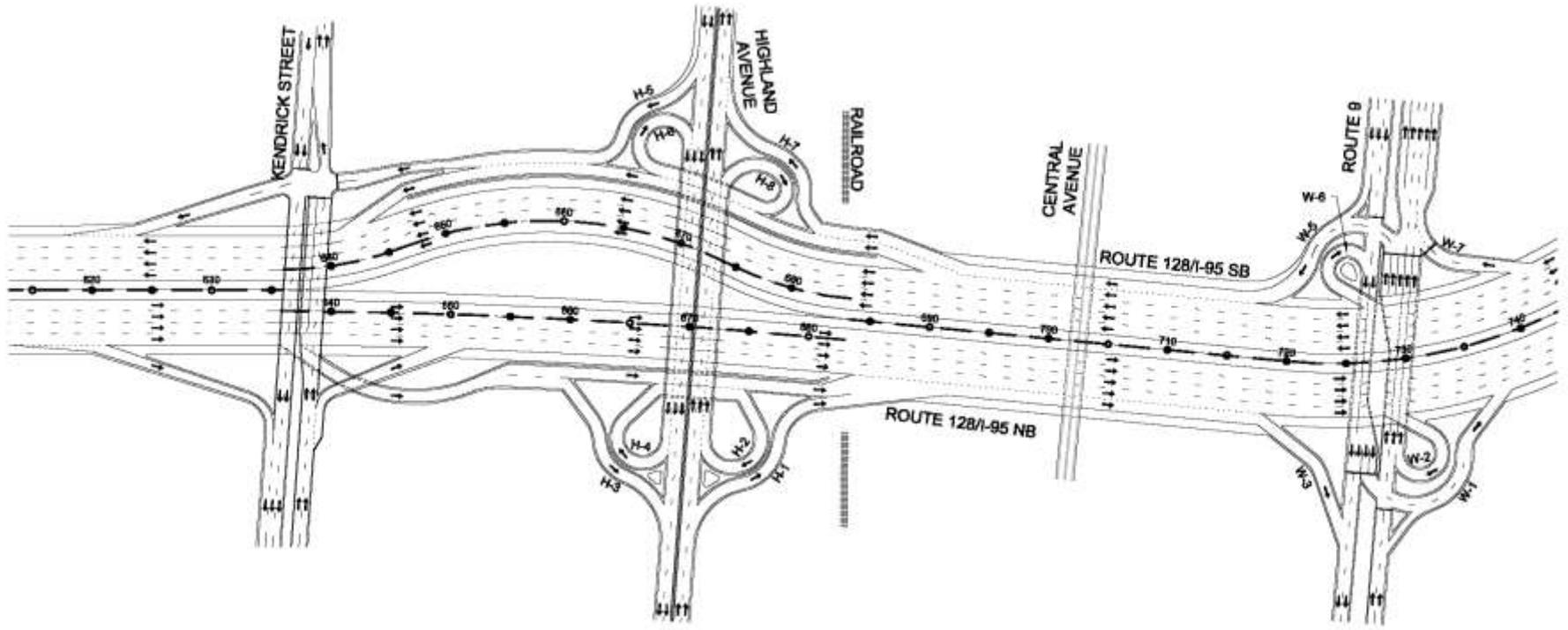
Project Limits



Existing Lane Configuration



Completed Configuration



Project Goals

- Improve safety and functionality of I-95:
 - Widen mainline highway to add one travel lane in each direction
 - Restore breakdown lane
 - Upgrade interchanges at Route 9 and Highland Avenue to:
 - Decrease congestion
 - Pull vehicles back to the mainline

Project Components - I

- Travel lane and shoulder along the median
- New interchange at Kendrick Street
- Collector/distributor roads connecting Kendrick Street and Highland Avenue
- Route 9 and Highland Avenue interchanges



Project Components - II

- 7 new noise barriers
- Widen I-95 bridge over Central Avenue
- 4 new bridges:
 - Kendrick Street over I-95
 - Flyover ramp at the Kendrick Street interchange
 - Highland Avenue over Route 128
 - I-95 over Route 9.
- Remove disused RR bridge



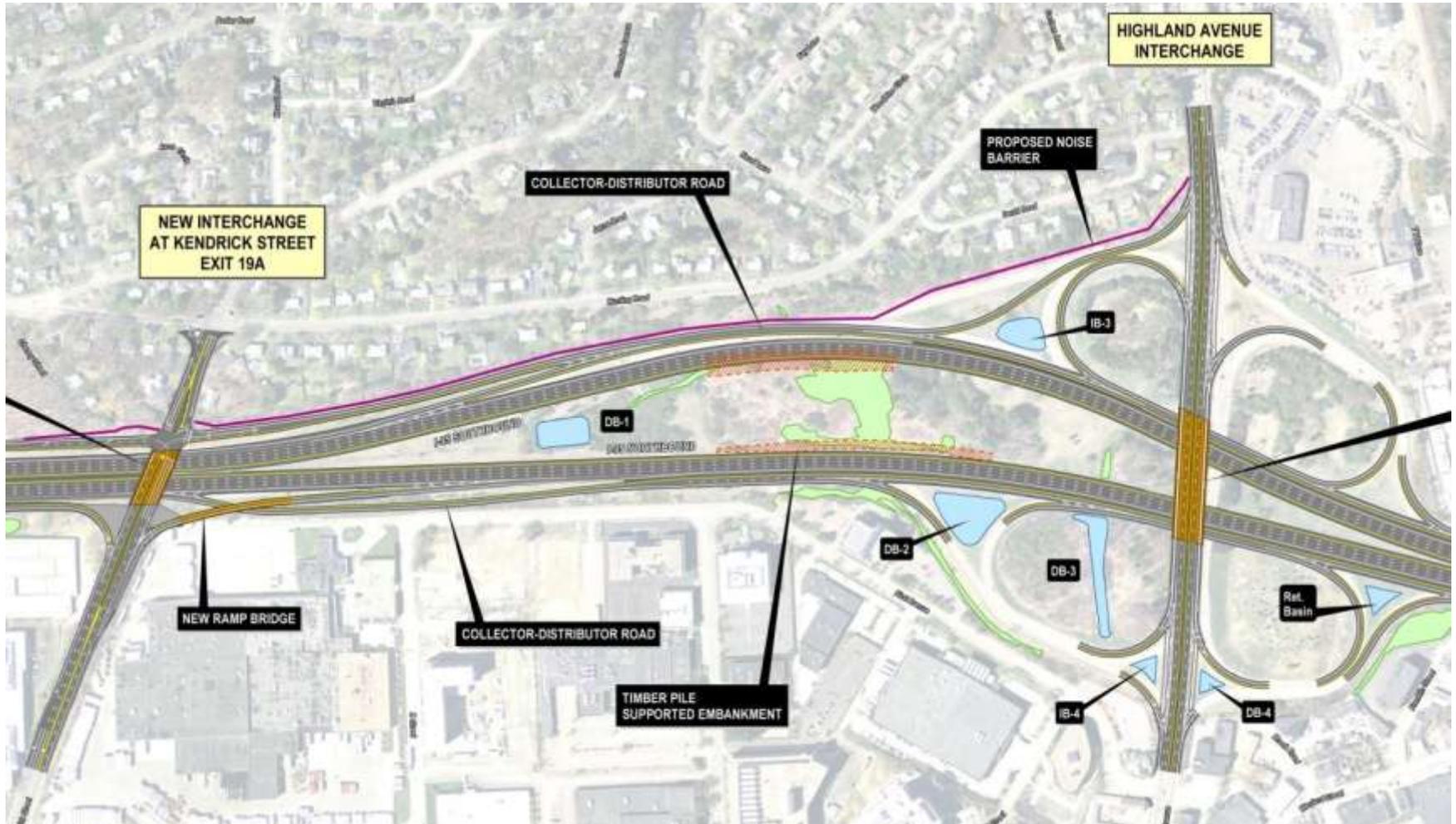
South Project Limit to Kendrick Street



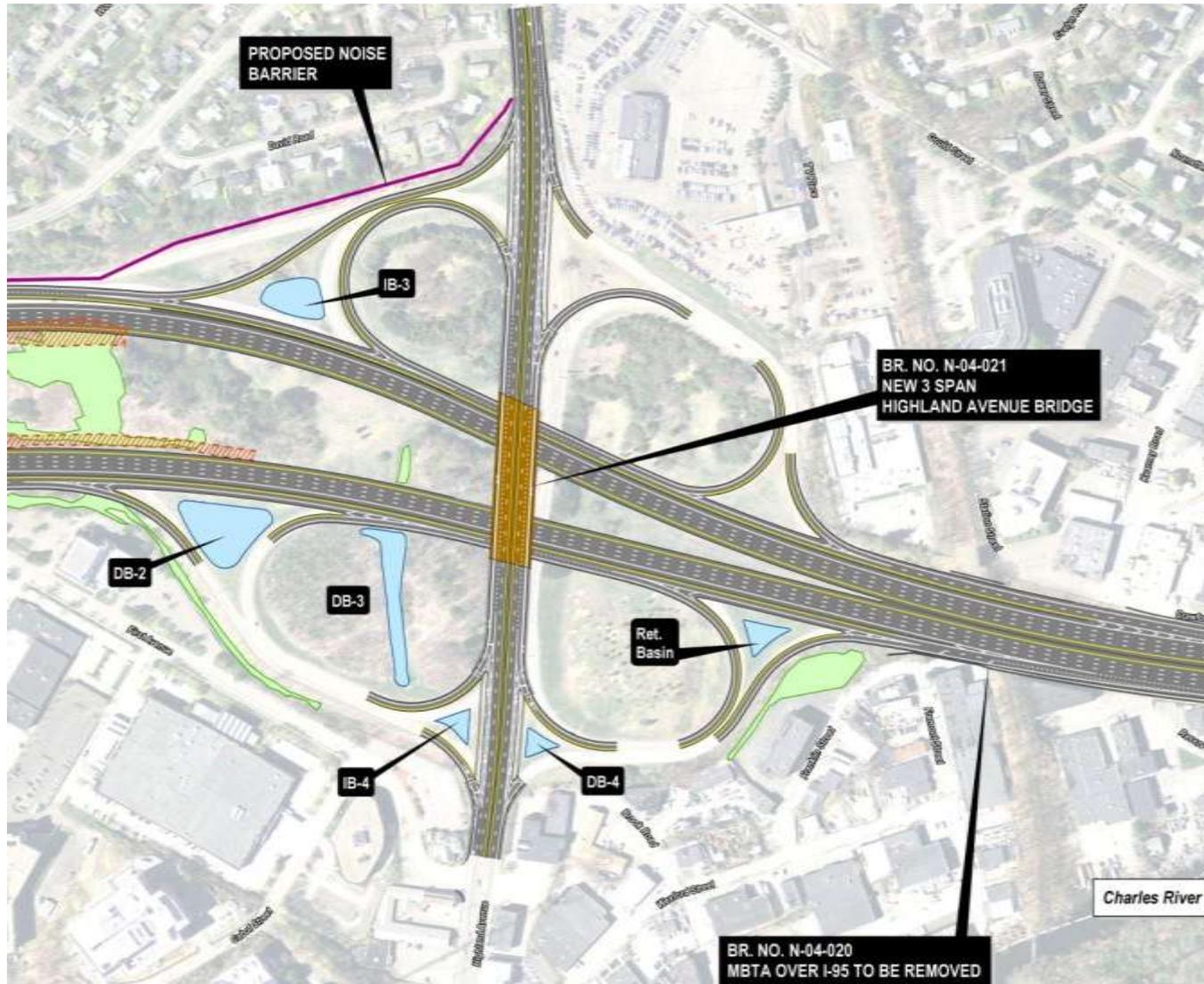
New Kendrick Street Interchange



New C/D Roads Between Kendrick Street and Highland Avenue



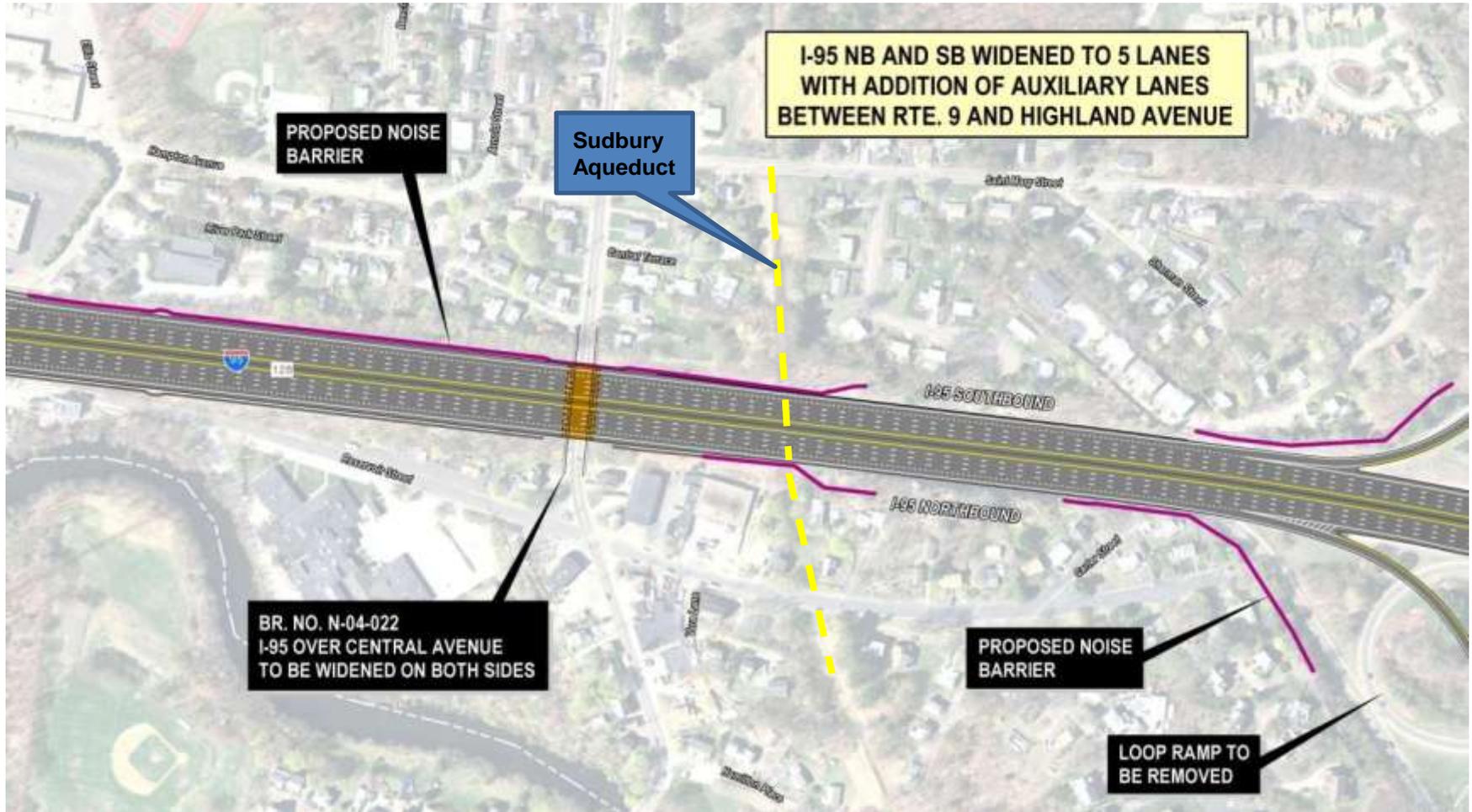
Proposed Highland Avenue Interchange



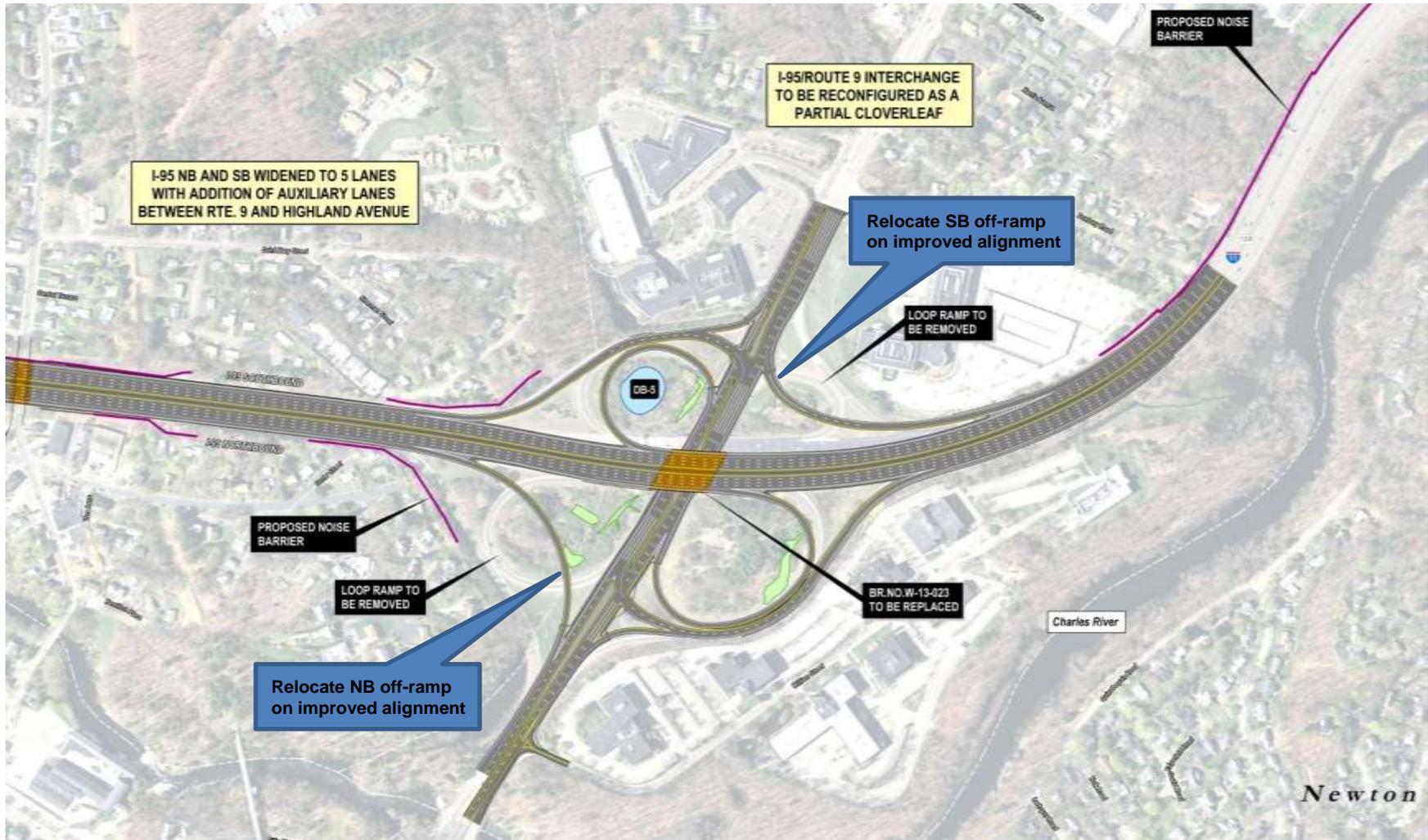
MBTA Railroad Bridge & Retaining Wall at 32 Fremont Street



New Auxiliary Lanes Between Highland Avenue and Route 9



Reconfiguration of the Route 9 Interchange



Current Work

Current Work I

- **Ongoing night work to minimize traffic:**
 - Installation of temporary barrier on Route 128
 - Stripping of loam (grass, dirt, etc.) on Route 128 median south of Kendrick Street
- **At Kendrick Street Bridge:**
 - Forming and pouring bridge components
 - Forming and excavations for SB ramp connection
 - Installation of walls
 - Grading
- **At Highland Avenue Bridge:**
 - Forming and pouring of bridge components
 - Installation of Verizon duct banks

Current Work II

- **At Central Avenue Bridge:**
 - Installation of mini-piles in the median
- **At the Route 9/I-95 Interchange:**
 - Installation of signal and power duct banks
 - Installation of drainage structures
 - Establishment of a safe work zone through lane shifts and restriping
 - Widening northbound ramp from Route 9 to I-95

The View Ahead

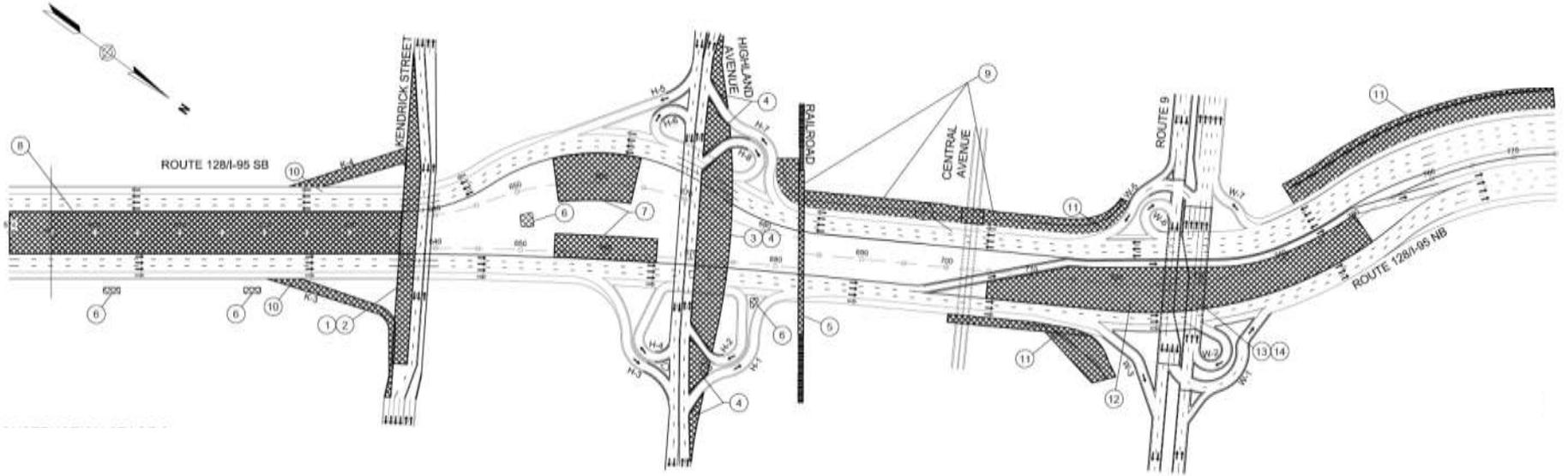
Overall Project Timeline

- **Kendrick Street Bridge Completion Milestone**
 - September 26, 2016
 - August 20, 2016 (Incentive Date)
 - November 2, 2016 (Disincentive Date)

- **Substantial Completion Milestone**
 - February 24, 2019
 - October 13, 2018 (Incentive Date)
 - July 8, 2019 (Disincentive Date)

- **Project Completion Milestone**
 - April 25, 2019

Stage 2 Construction



October 2015 through October 2016

Stage 2: Key Characteristics

- At Kendrick Street:
 - Replacement of bridge's southern half
 - Begin construction of ramps to/from I-95
 - Maintain three travel lanes
- At Highland Avenue:
 - Shift traffic onto new bridge
 - Maintain four travel lanes
- At Route 9:
 - Construct median section of I-95 bridge
 - Construct retaining walls and ramps
 - Install new signals
- Project wide: begin installation of sound barrier

Staying Informed

Staying Informed

- www.massdot.state.ma.us/highway/HighlightedProjects/NeedhamWellesleyI95AddALane
 - *“Just google Needham Add-a-Lane”*
- Sign up for weekly look ahead emails
- Contact:
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Questions?