

Needham-Wellesley I-95 Add-A-Lane

Newton Board of Aldermen

June 18, 2015

Agenda

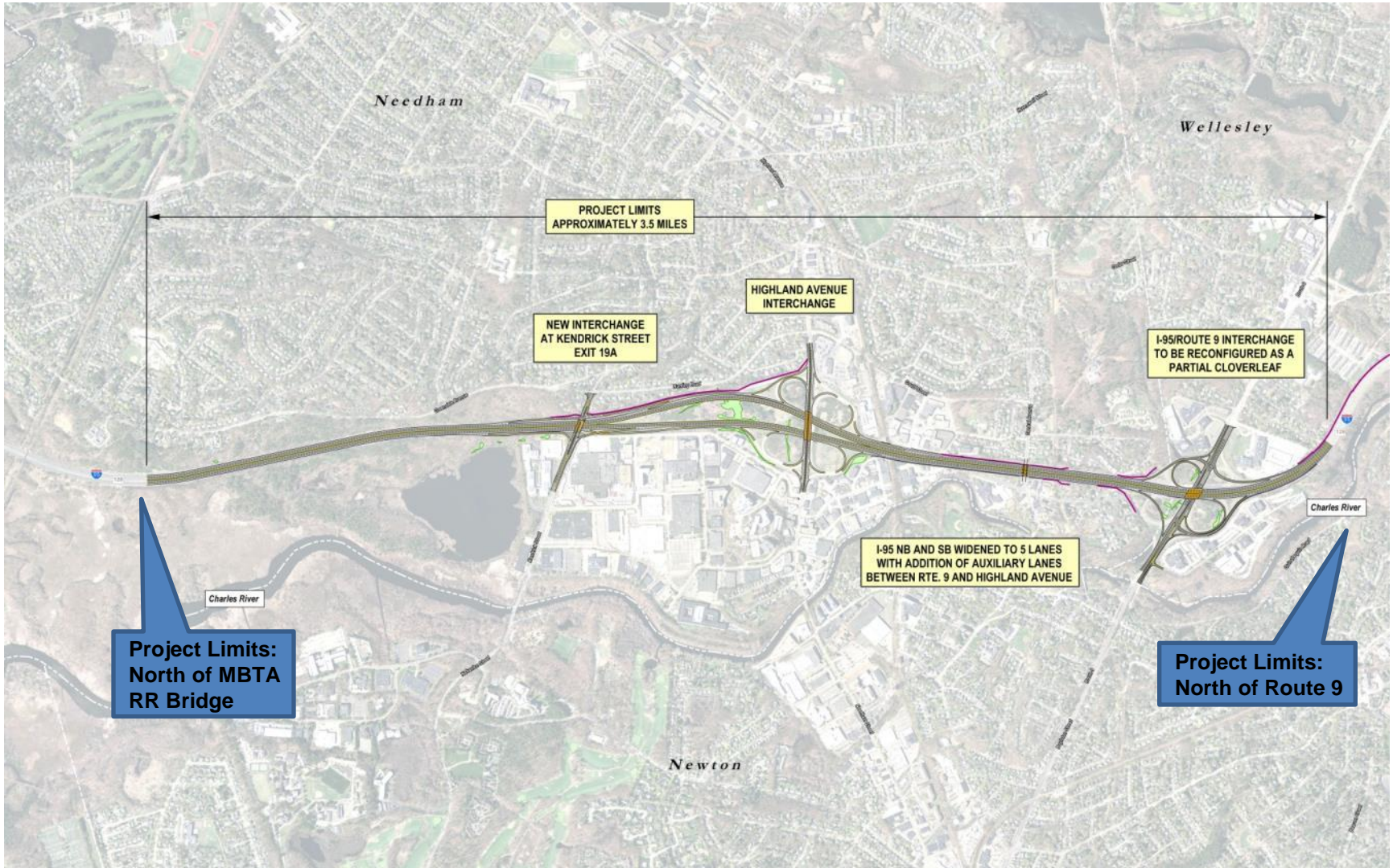
- Welcome and introductions
- Project Overview and Goals
- Current Work
- The View Ahead
- Keeping informed during construction

Project Goals and Overview

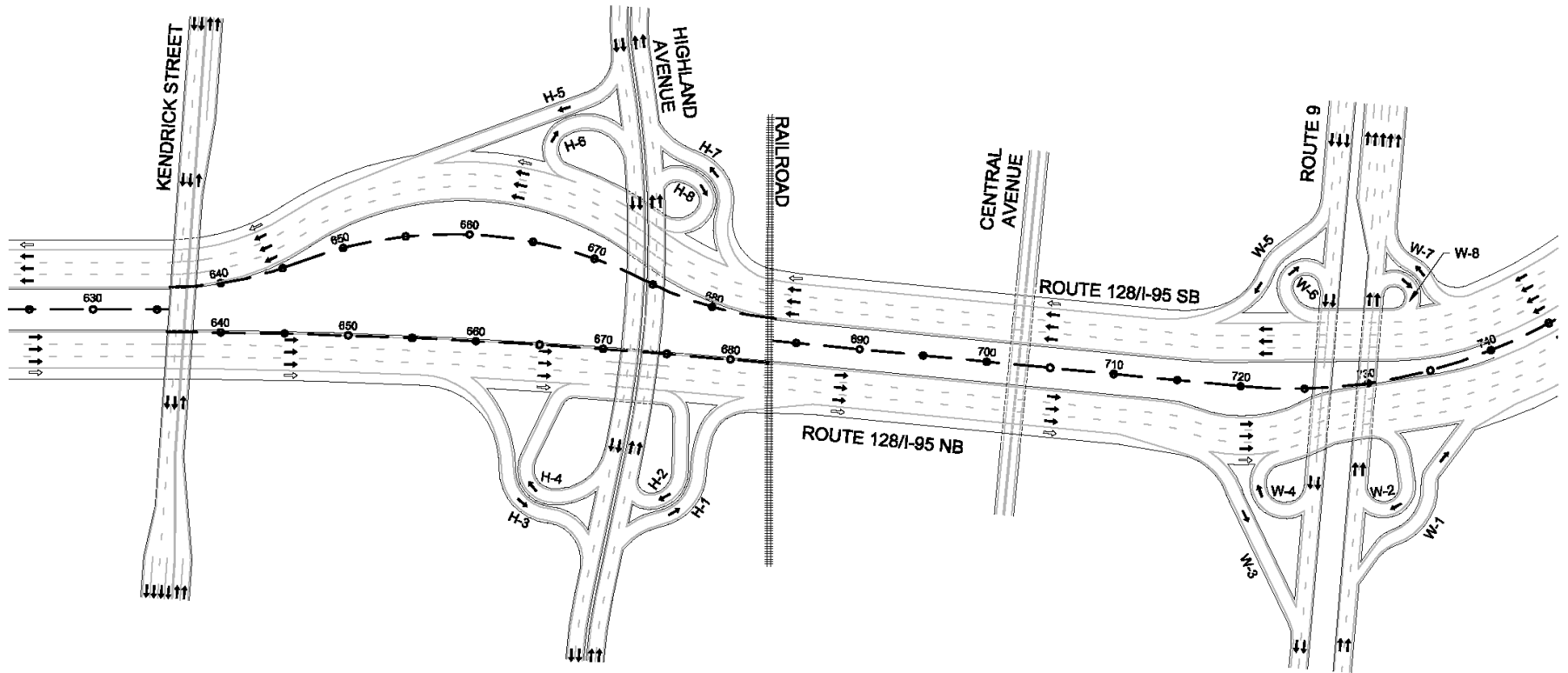
Project Status

- 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*

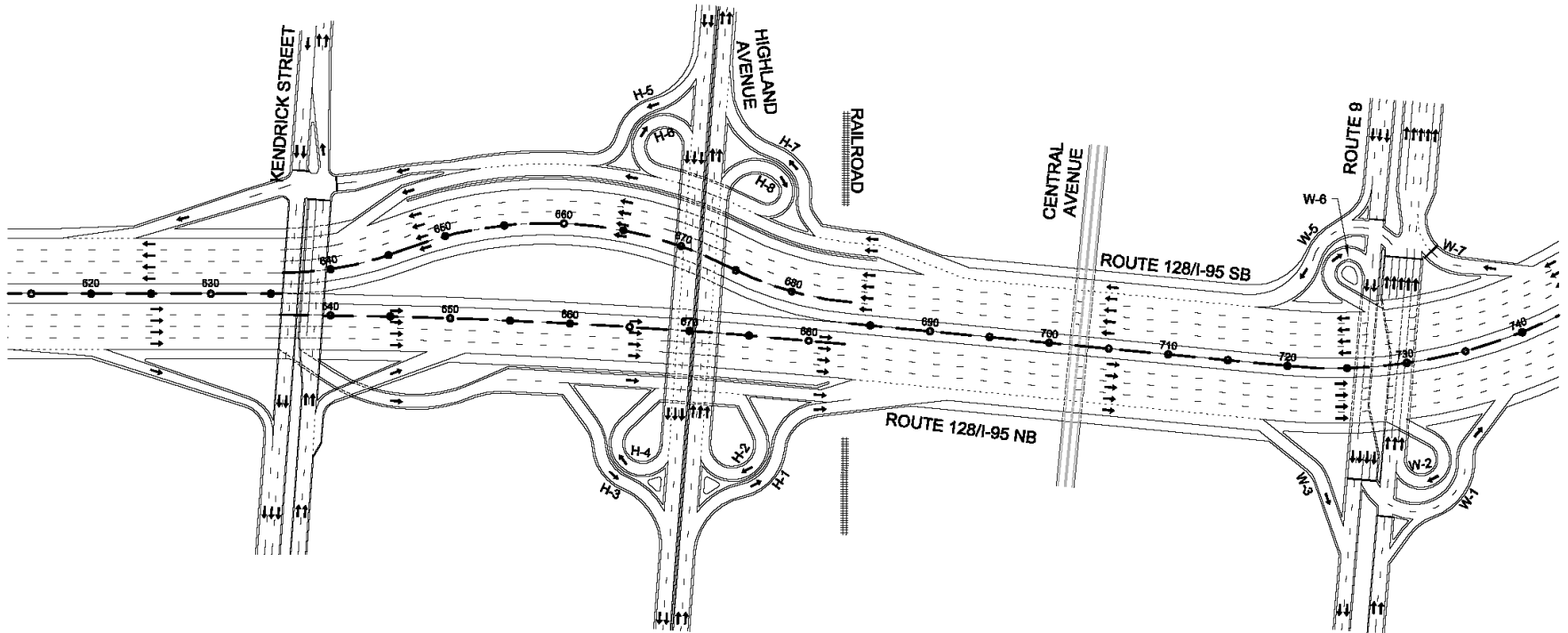
Project Limits



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

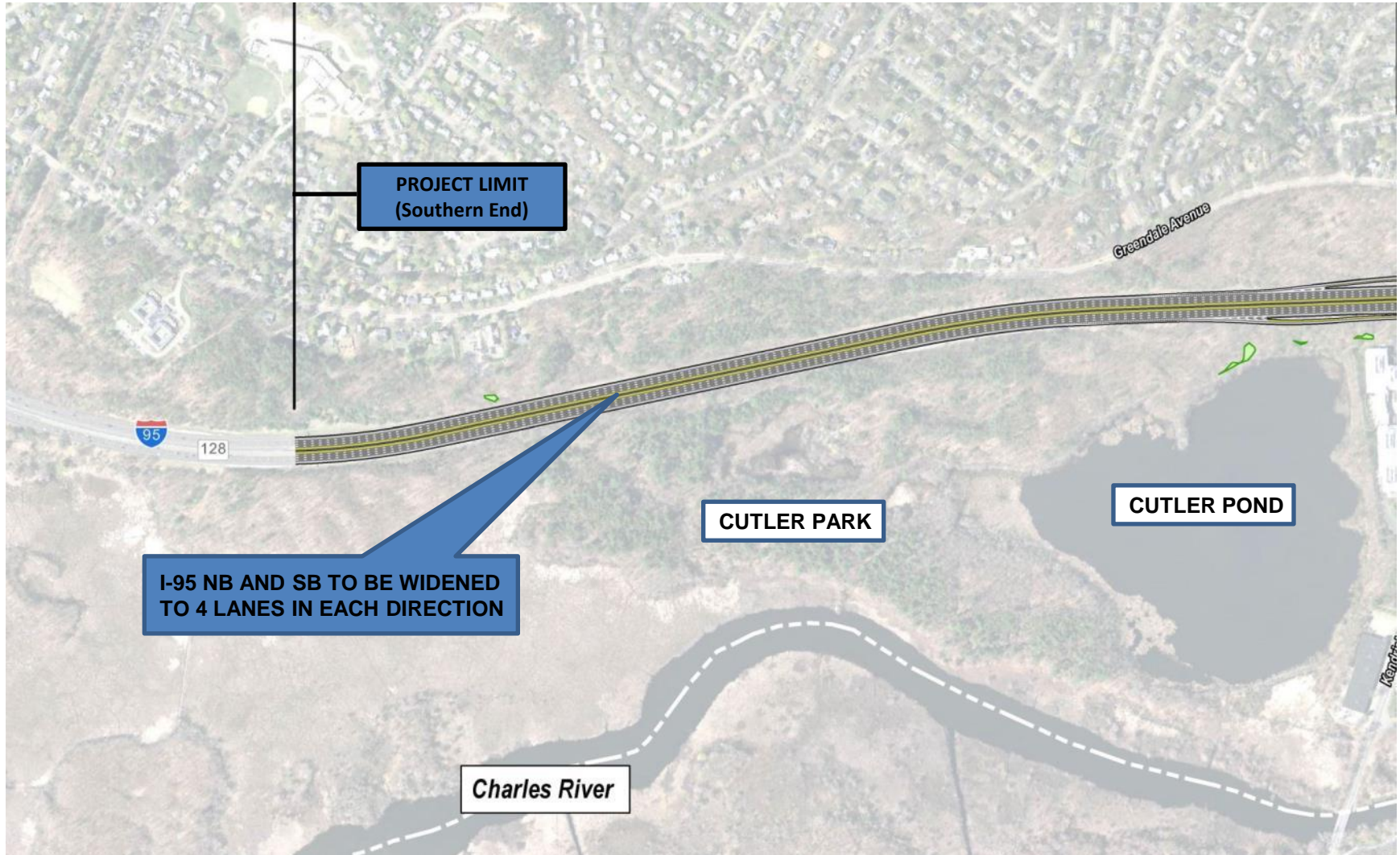


Project Components - II

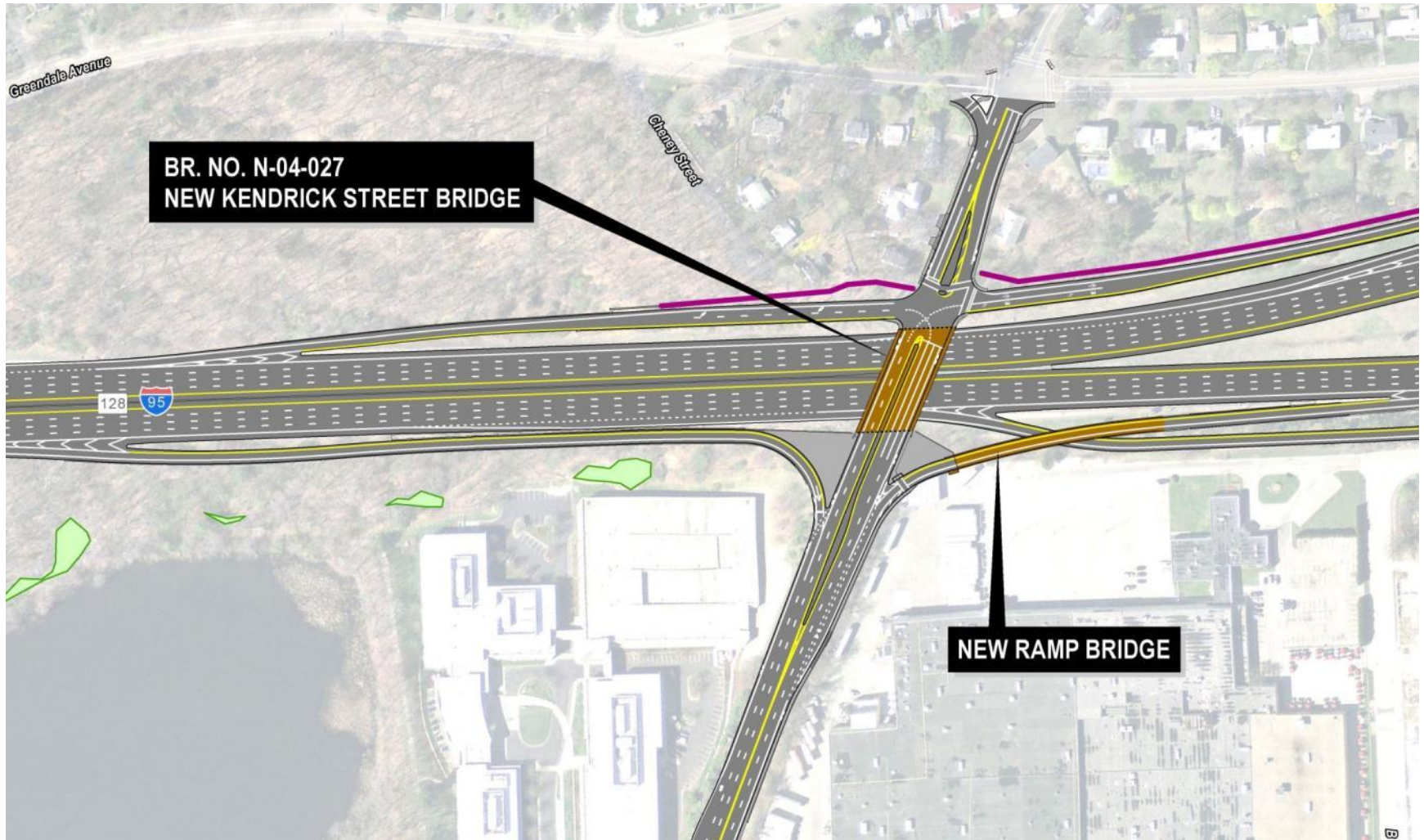
- 7 new noise barriers
- Widen I-95 bridge over Central Avenue
- 4 new bridges:
 - Kendrick Street over I-95
 - Flyover ramp at the Kendrick Street interchange
 - Highland Avenue over Route 128
 - I-95 over Route 9.
- Remove disused RR bridge



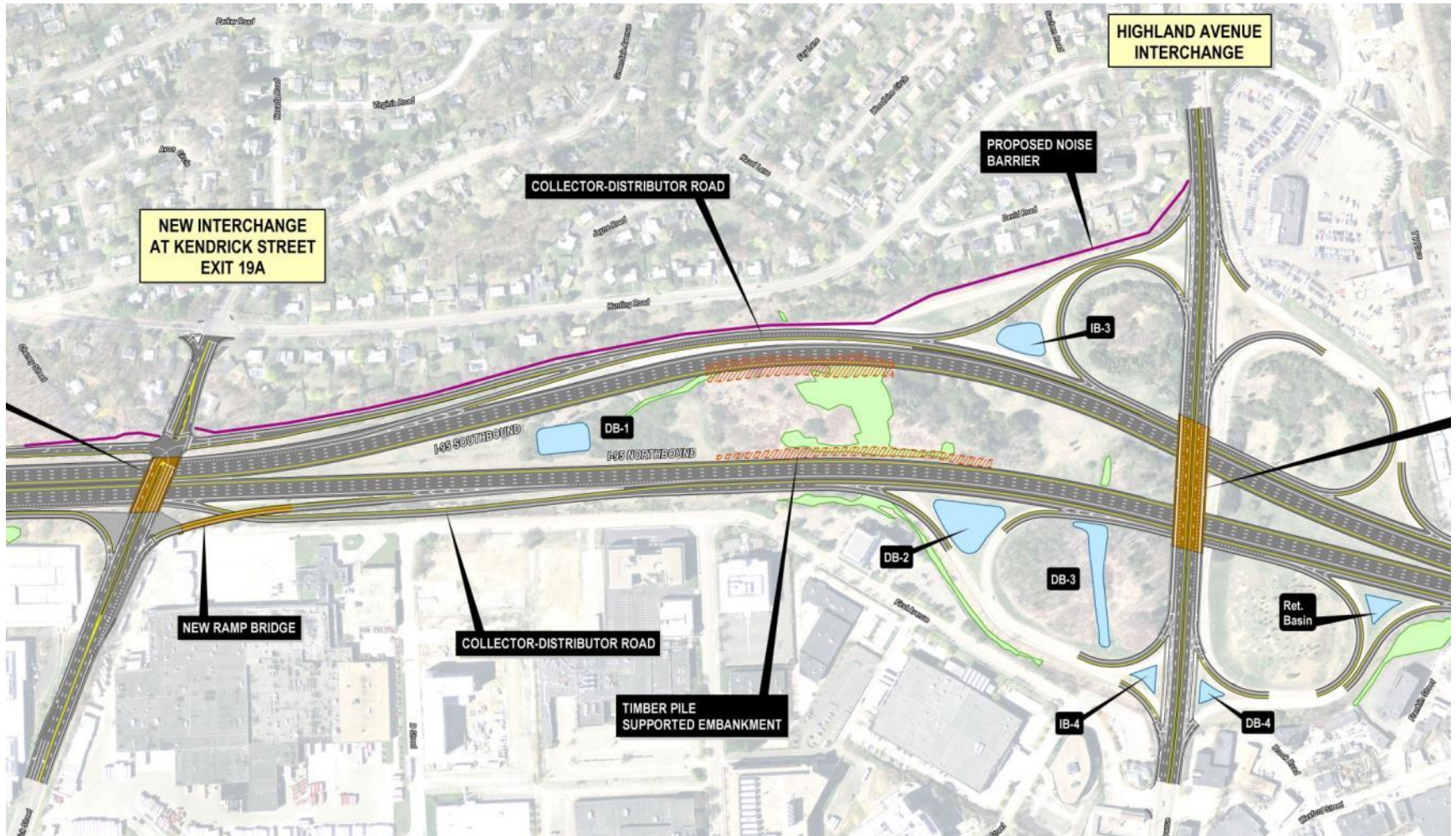
South Project Limit to Kendrick Street



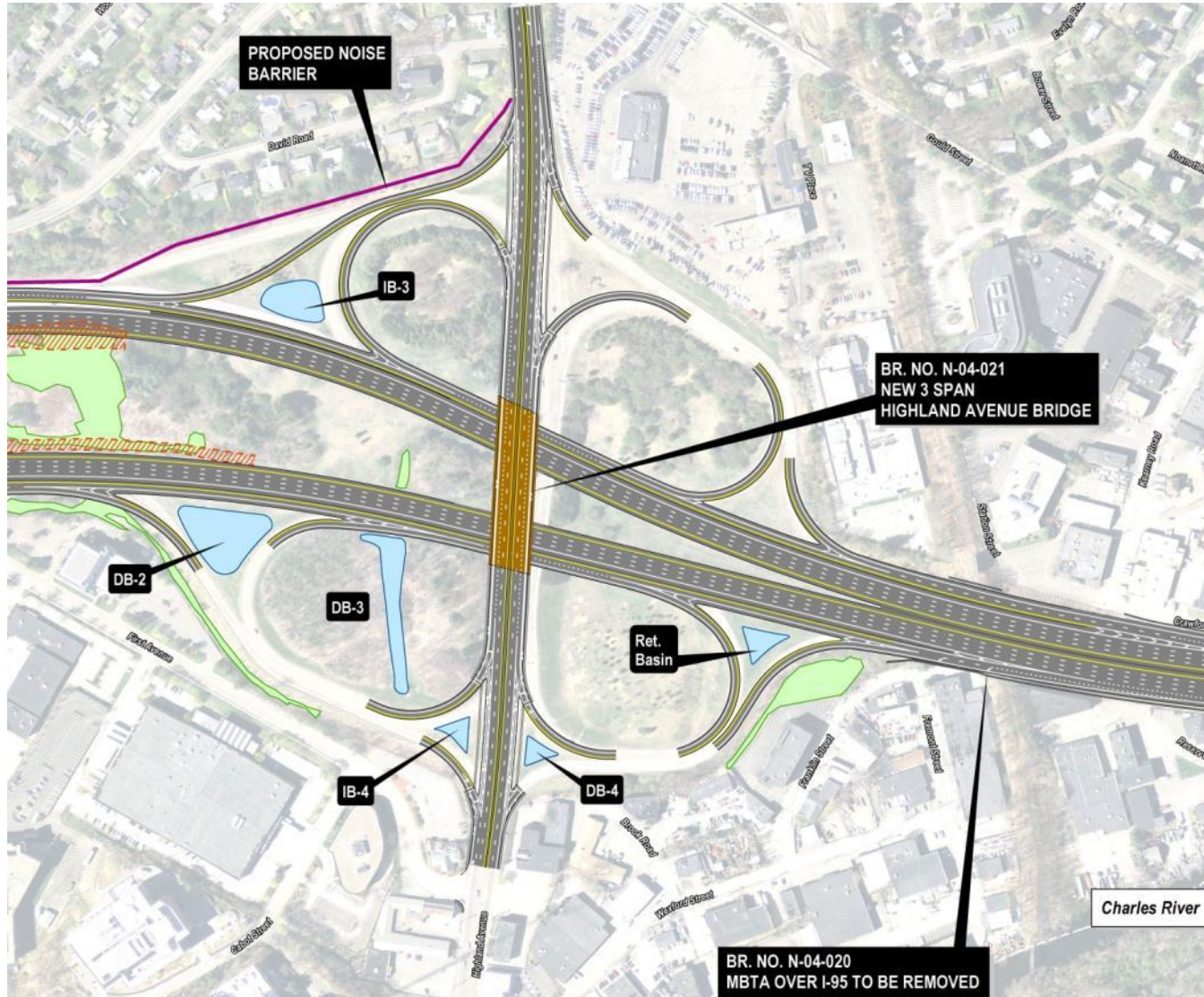
New Kendrick Street Interchange



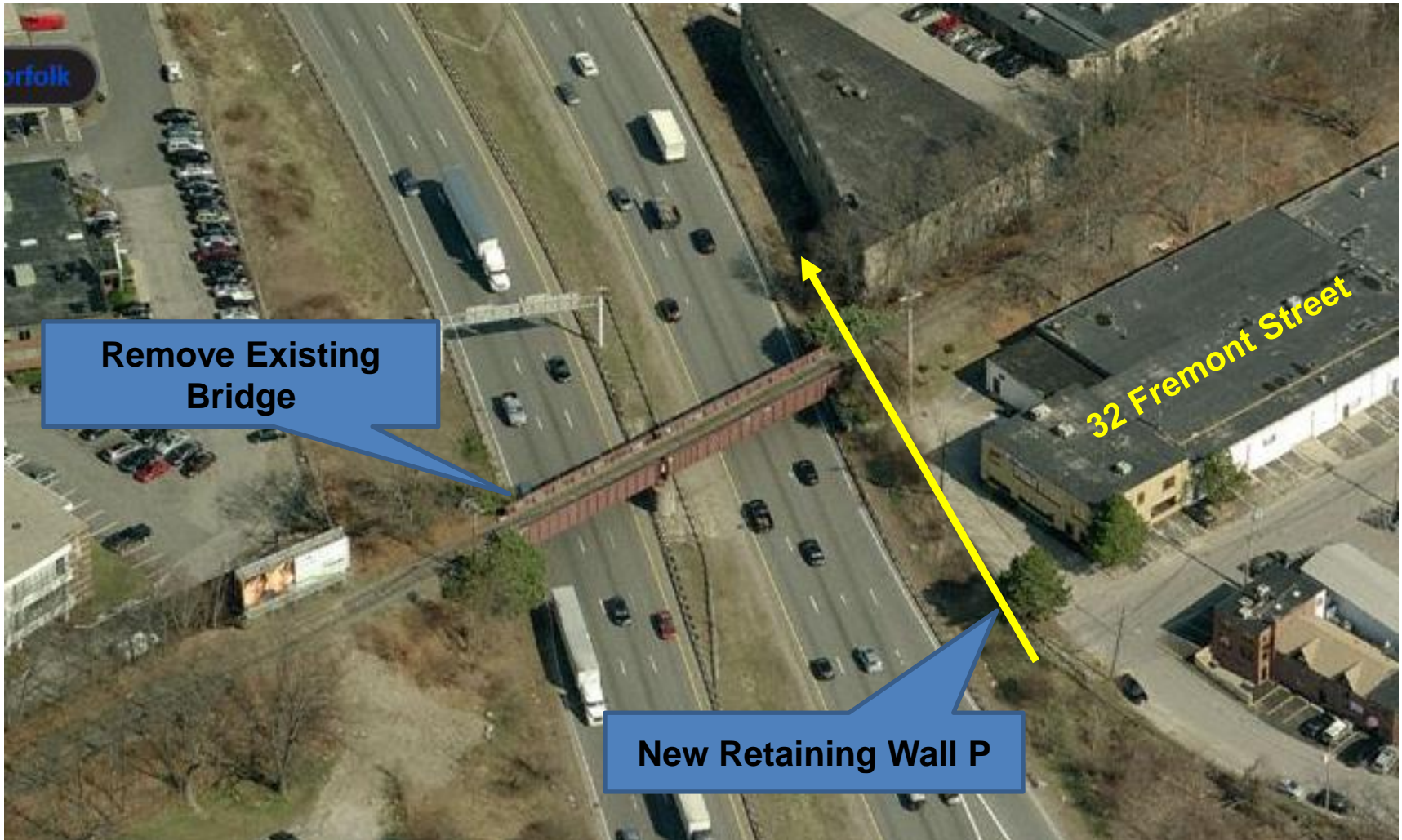
New C/D Roads Between Kendrick Street and Highland Avenue



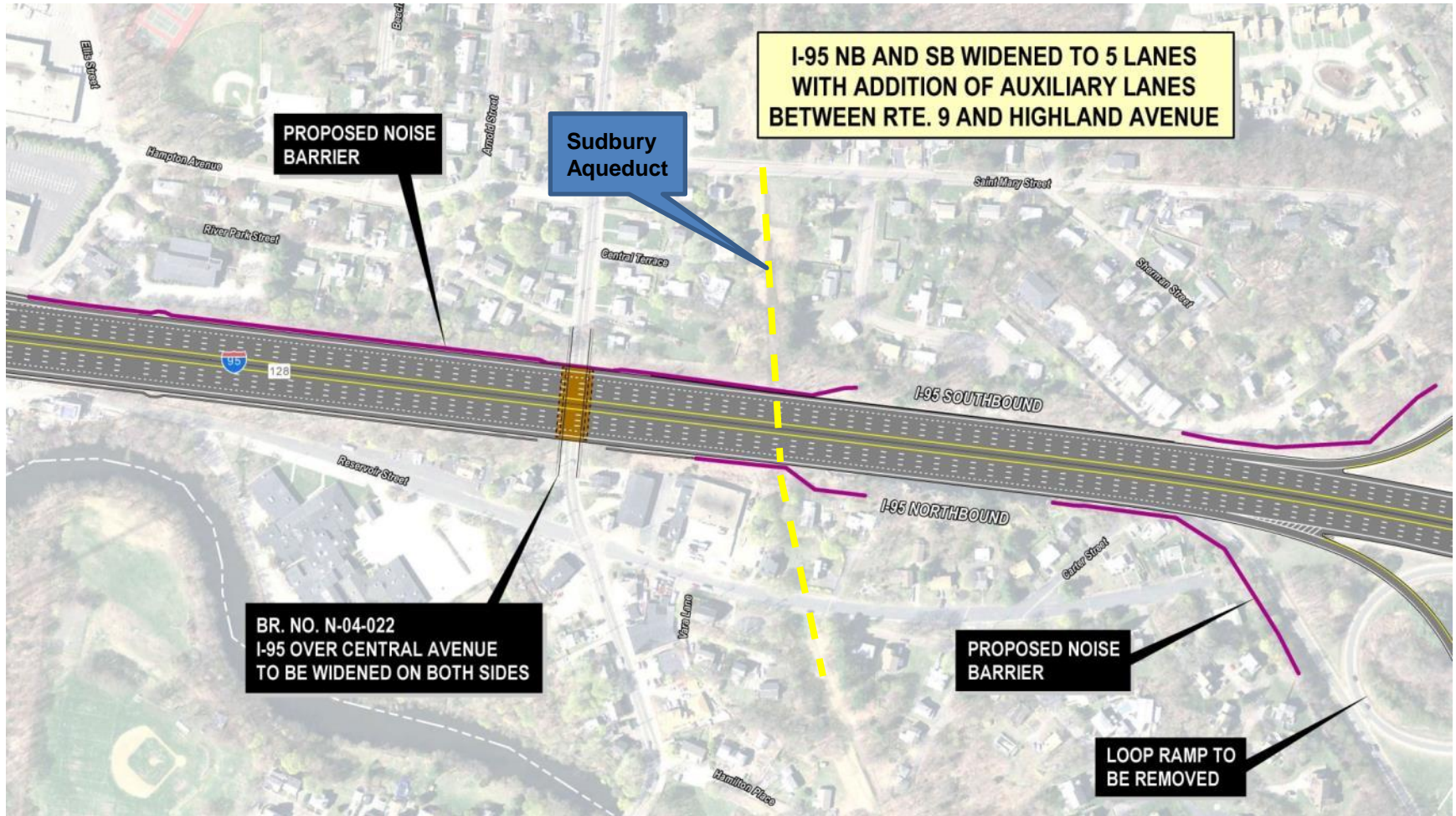
Proposed Highland Avenue Interchange



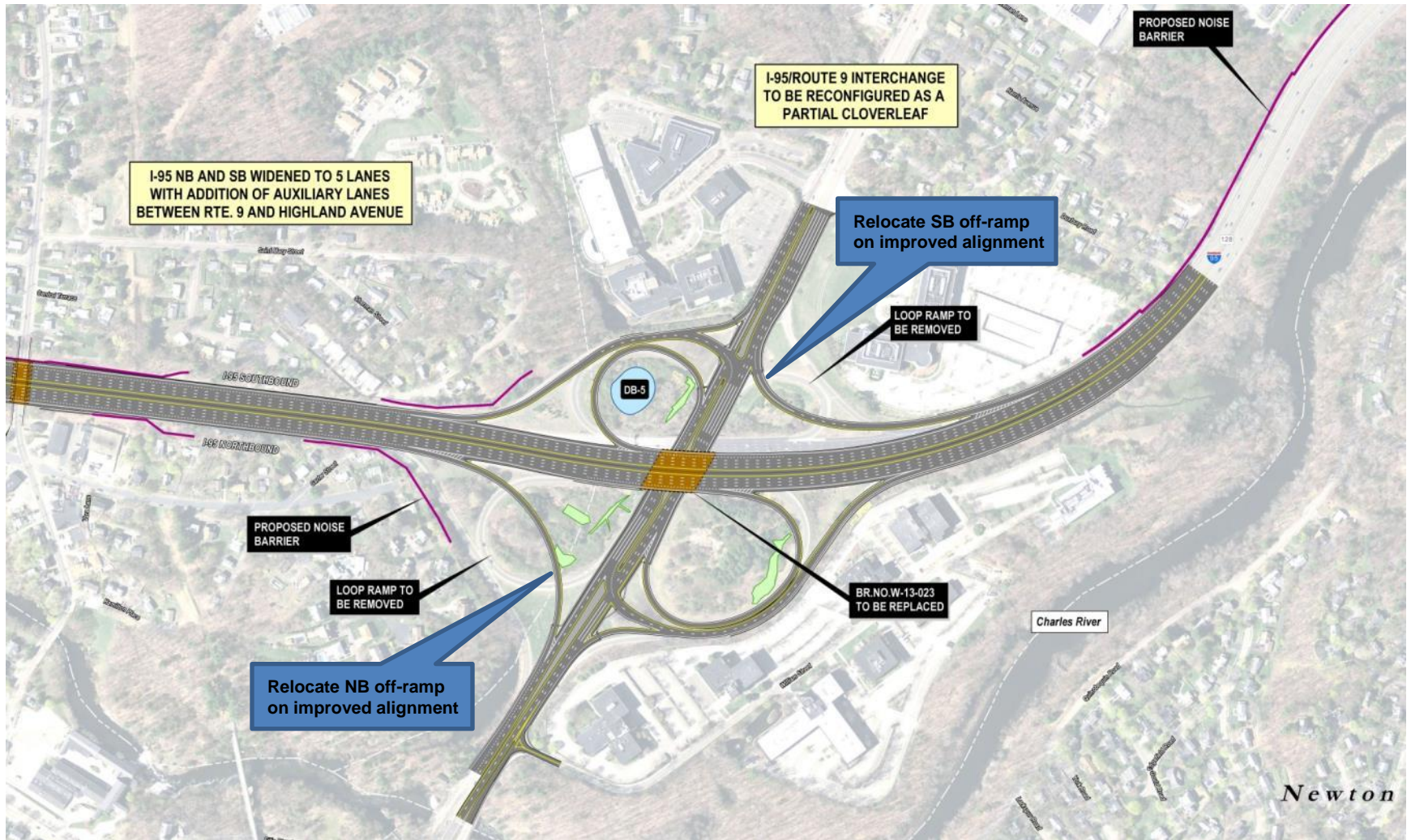
MBTA Railroad Bridge & Retaining Wall at 32 Fremont Street



New Auxiliary Lanes Between Highland Avenue and Route 9



Reconfiguration of the Route 9 Interchange



Current Work

Current Work I

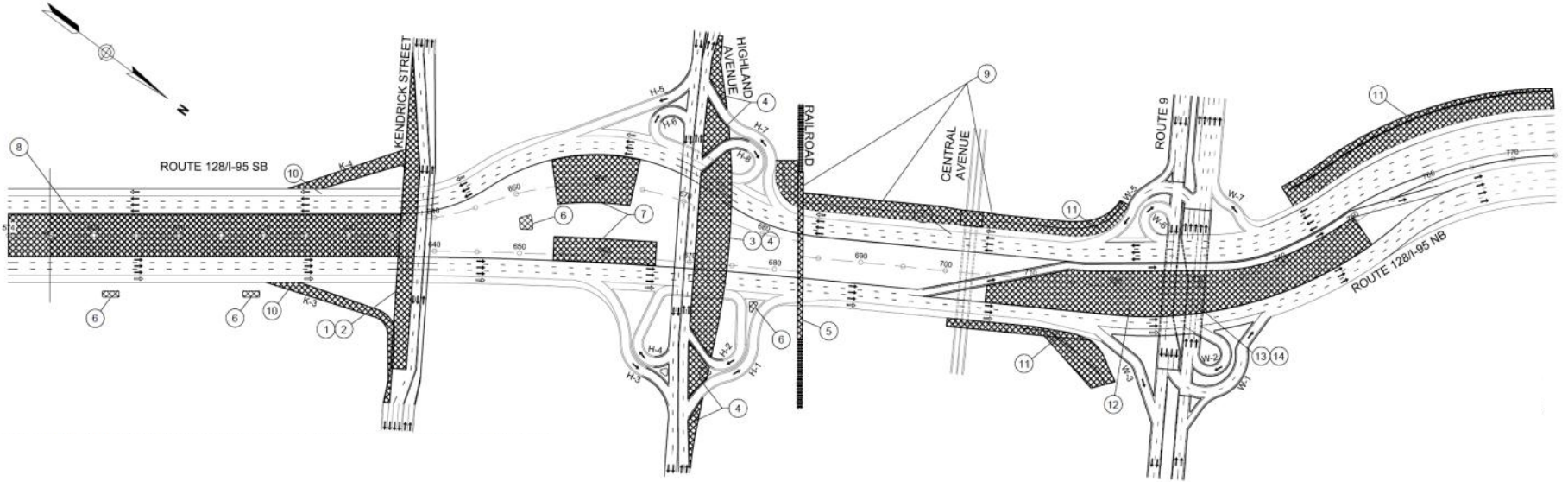
- **Ongoing night work to minimize traffic:**
 - Stripping of loam (grass, dirt, etc.) on Route 128 median south of Kendrick Street
 - Construction of temporary cross-over lane
- **At Kendrick Street Bridge:**
 - Forming and pouring bridge components
 - Installation of walls
- **At Highland Avenue Bridge:**
 - 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
 - Stripping loam
 - Widening of ramps from Route 9 to I-95

The View Ahead

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

Overall Project Timeline

- Notice to Proceed: January, 2015
- Stage 1: January-October, 2015
- Stage 2: October, 2015-October, 2016
 - *Anticipated completion at Kendrick Street: September, 2016*
- Stage 3: October, 2016-November, 2017
- Stage 4: November, 2017-July, 2018
- Stage 5: July, 2018-April, 2019
 - *Substantial complete: February, 2019*

FAQ'S

Question		Answer
What about morning traffic on Kendrick Street?		Looking at timings and loop detector functionality during week of 6/15
What about the cycling trail in Cutler State Reservation?		Some of the trail was built in the state highway layout. Local cyclists have been put in touch with DCR regarding reconstruction within the park
When will local road impacts wrap up?		By the end of 2016, remaining work on the project will be clustered on I-95 and Route 9 mainlines
What about bicycle accommodations on the Kendrick Street Bridge?		Cycling accommodations will include: <ul style="list-style-type: none"> • Signage instructing motorists to yield • 5' bicycle lanes on the bridge • Bicycle lanes done in highly reflective paint
When will the Route 9 interchange be signalized?		<ul style="list-style-type: none"> • Planned for summer 2015 • Alternative under review by MassDOT which switches on signals after all ramp work is complete and ramps are in use (summer 2016)

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?