

I-495 over Merrimack River and Route 113 and Industrial Avenue over I-495 Bridge Replacements

Public Information Meeting

November 13, 2025 | Haverhill | 6:00 PM to 8:00 PM

Project File No. 609466

Notice of MassDOT's Policy on Diversity and Civil Rights

- All MassDOT activities, including public meetings, are free of discrimination.
- MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, gender identity or expression, or veteran's status.
- We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

Thank you for joining our meeting. We appreciate your participation!

Public Meeting Advertisement

MassDOT Email Burst

- Meeting Flyer – 10/30
- Meeting Reminder Message – 11/10

Mass Media

- *Eagle-Tribune* (English) – 10/30
- *El Planeta* (Spanish) – 11/7
- Haverhill HC Media – 11/5
- Methuen Community Studios – 10/27

Flyer Drops - Regional

Municipal Offices

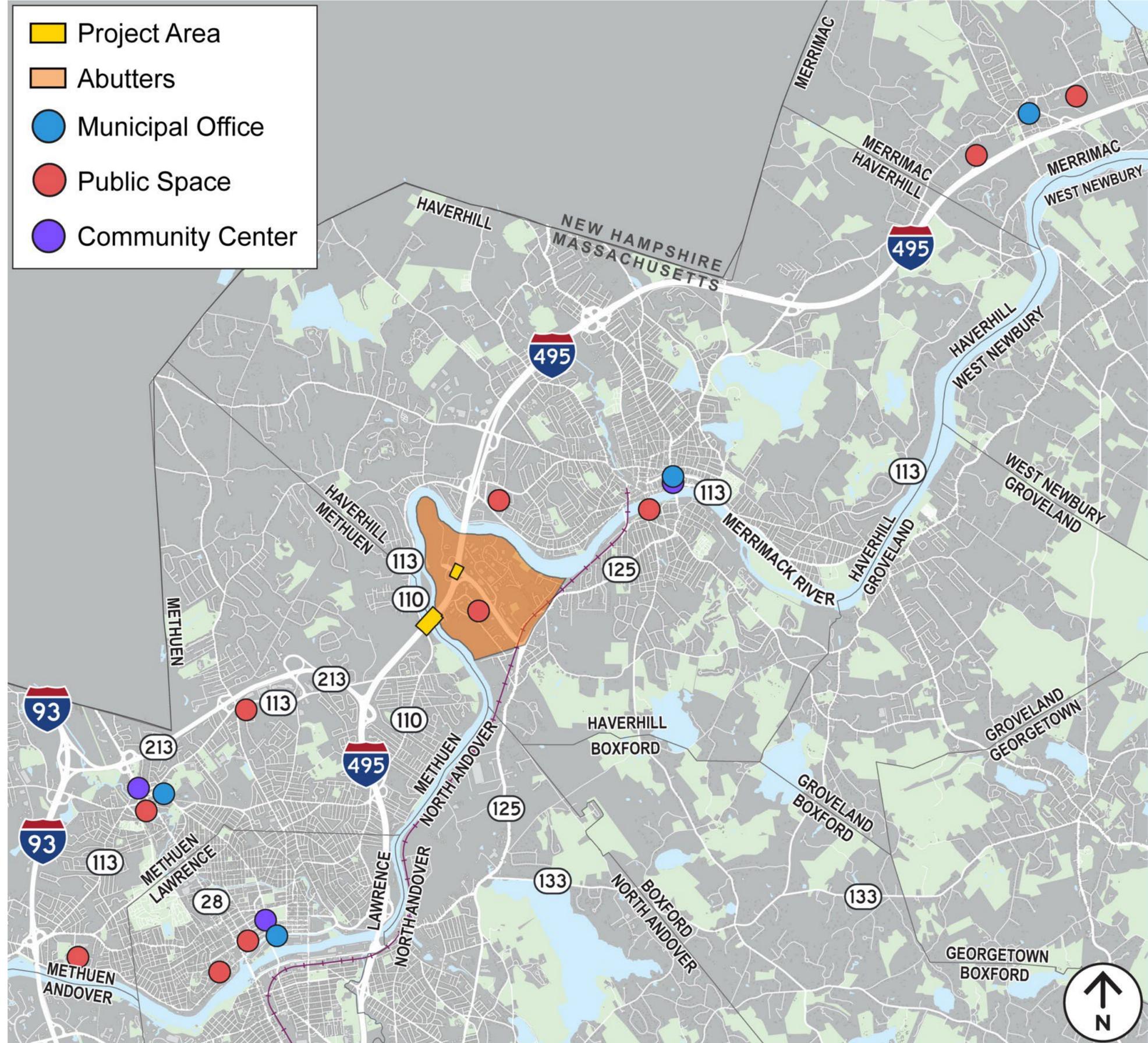
- Haverhill
- Methuen
- Merrimack
- Lawrence

Public Spaces

- Grocery stores
- Post offices

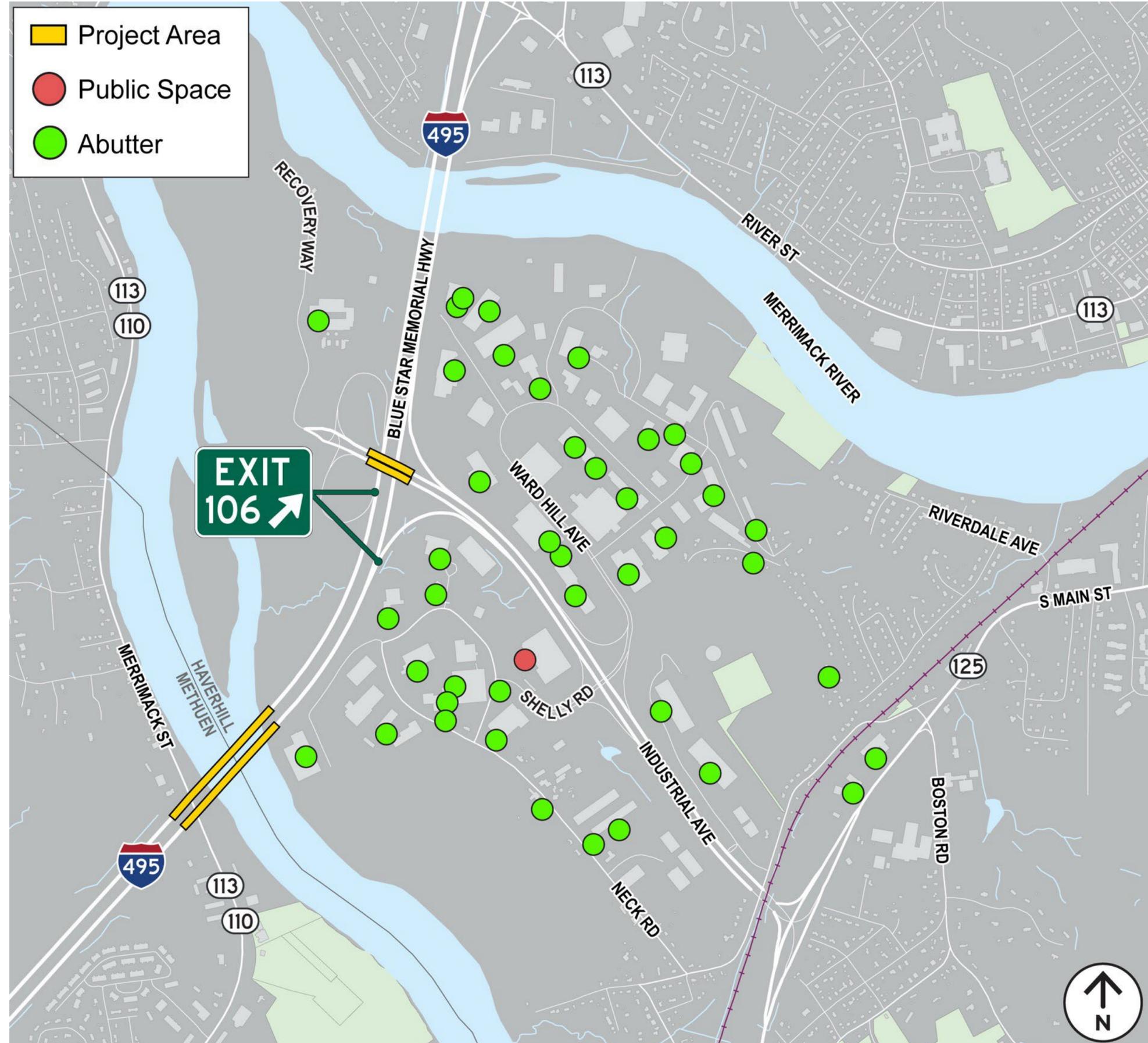
Community Centers

- Public libraries



Flyer Drops - Abutters

- Ward Hill Business Park
- Spring Hill Farm
- South Main Street/Route 125 businesses



Agenda

- 01** Introductions
- 02** Project Background
- 03** Project Scope
- 04** Construction Timeline and Impacts
- 05** Community Engagement
- 06** Questions and Answers



Project Team

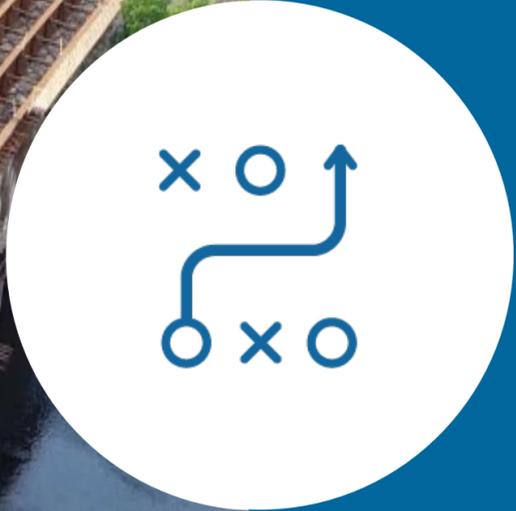
MassDOT

- Christopher Gagne
- Joseph Stasio
- Sean Magnus
- Kenneth Wong
- Dan Fielding
- Tom Donald, VHB

Design-Build Team

- Matthew McCue, SPS-DW White JV
- Matt D'Angelo, HNTB
- Jonathan Pitre, SPS-DW White JV
- Zach Mangelson, SPS-DW White JV
- Troy Thirkell, SPS-DW White JV
- Taylor O'Neill, Howard Stein Hudson





Project Background

Project Area



How Did We Get Here?

Design-Build Procurement

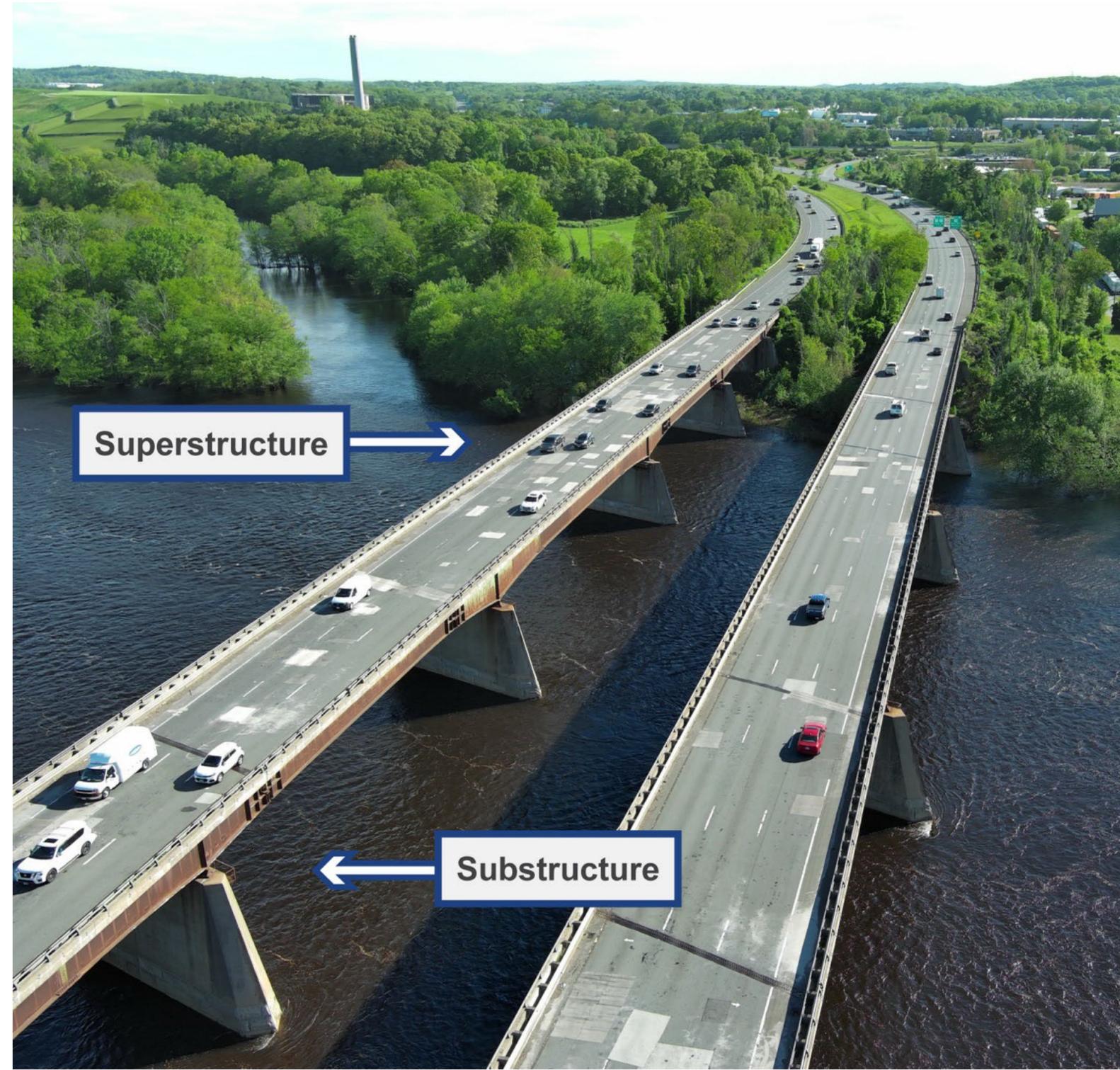




Why was this project initiated?

Existing Conditions – I-495

- The I-495 over the Merrimack River bridge was built in 1964.
- Both Structures are nearing the end of their service life.
- Substructure and Superstructure conditions are worsening and require replacement.
- Existing conditions of the bridges/roadway are monitored. Necessary maintenance and repairs will be conducted to ensure safety of the traveling public throughout the project duration.



Existing Conditions – Industrial Avenue

- Industrial Avenue over I-495 was built in 1961.
- Both Structures are nearing the end of their service life.
- Substructure and Superstructure conditions are worsening and require replacement.
- Existing conditions of the bridges/roadway are monitored. Necessary maintenance and repairs will be conducted to ensure safety of the traveling public throughout the project duration.





**What do we
want to
accomplish?**

Project Goals

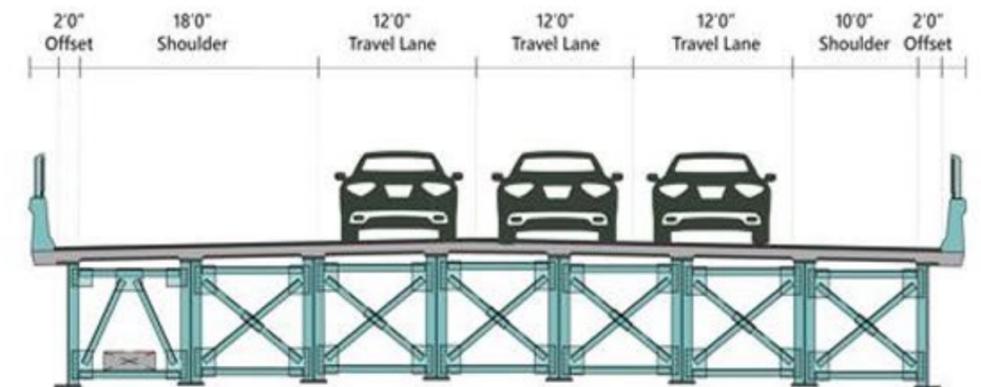
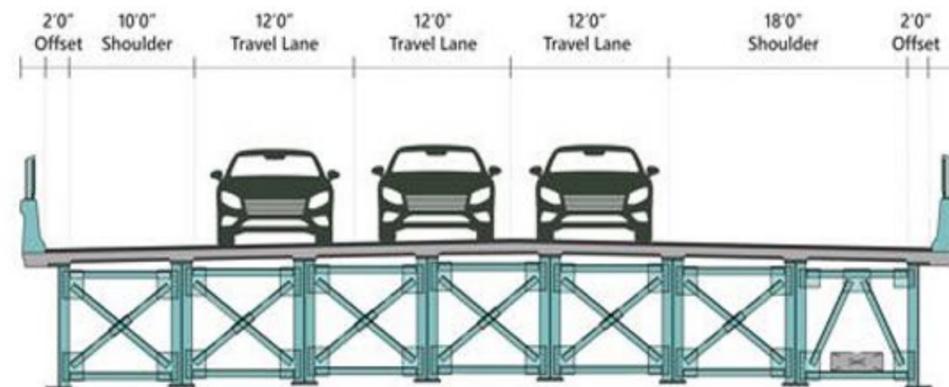
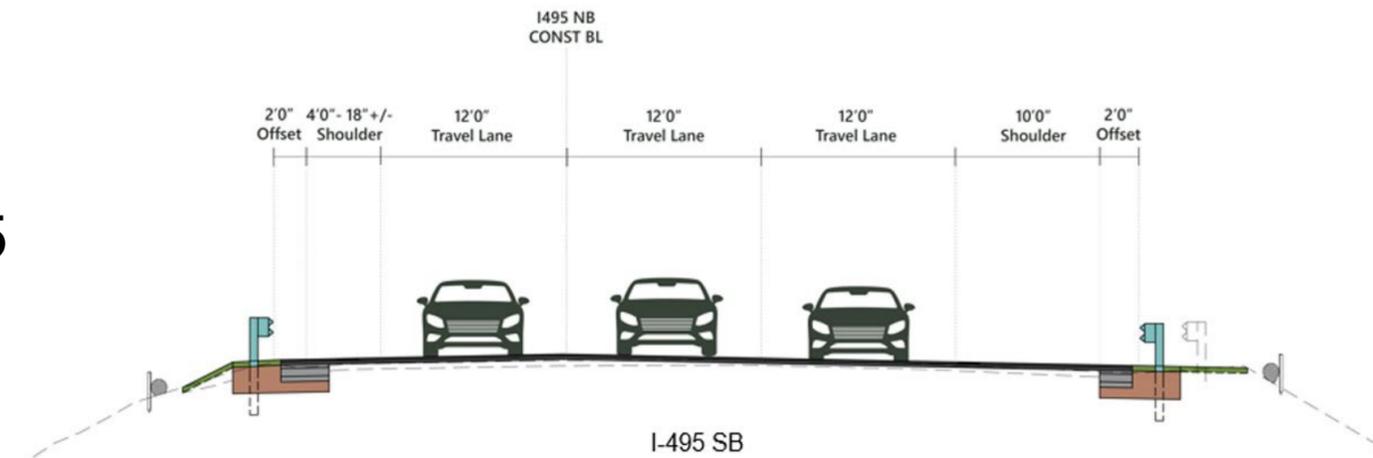
Replace the structurally-deficient bridges that carry I-495 over the Merrimack River and Industrial Avenue:

- New bridges will have safety improvements and will be built to modern standards with fewer joints and supports
- Fewer impacts to the traveling public from maintenance activities
- Bicycle and pedestrian improvements for Industrial Avenue and Route 110/113/Merrimack Street



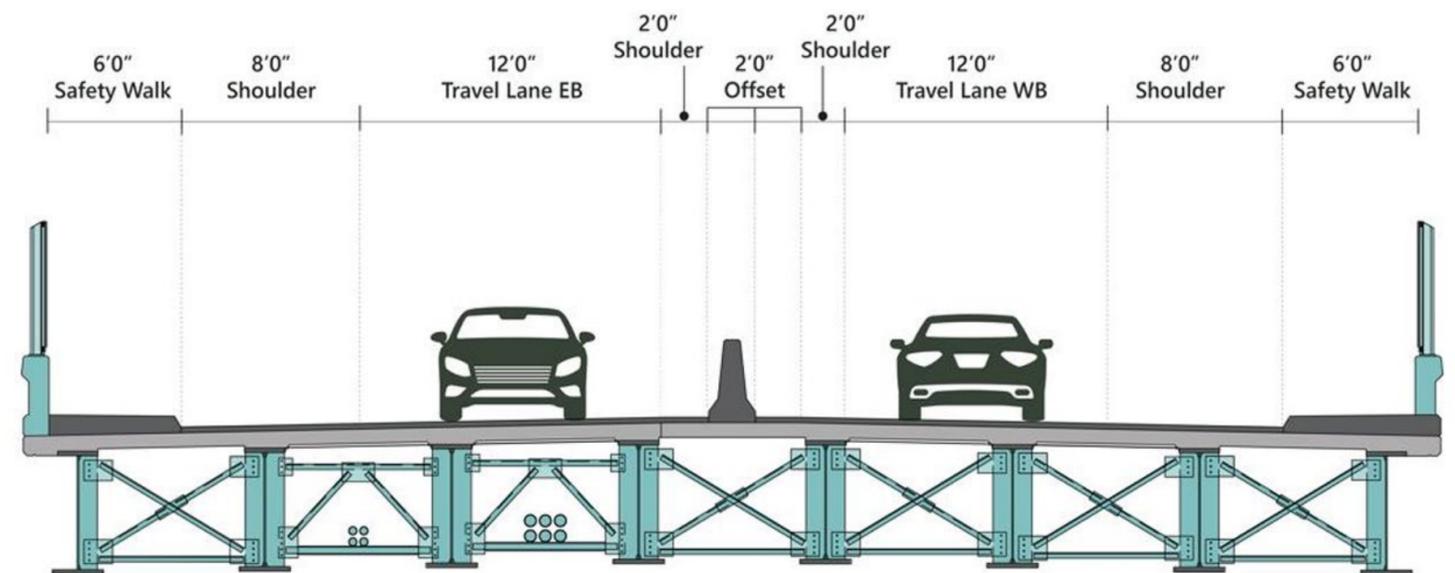
Project Scope

- Demolish and replace four structurally deficient bridges:
 - I-495 over Route 110/113/Merrimack Street and Merrimack River
 - Route 125/Industrial Avenue (EB and WB) over I-495
- Reconstruct and improve I-495 (NB and SB), providing three 12-foot lanes and widened shoulders
- Construct a noise wall along southern project limits of I-495 NB
- Improve and relocate utilities along Route 110/113/Merrimack Street and Industrial Avenue
- Mill and pave a portion of Route 110/113/Merrimack Street in Methuen



Final Improvements : Industrial Avenue Bridge

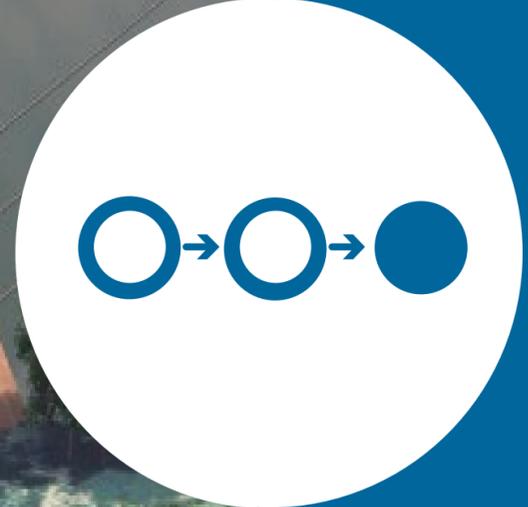
- Existing pair of Industrial Avenue Bridges replaced by a single, wider bridge
- Pedestrian sidewalks
- Large shoulders for bicycle travel
- Overhead wires relocated to underground duct banks



Final Improvements : Route 110/113 Merrimack Street

- Improved clearance on Route 110/113 Merrimack Street
- Pedestrian sidewalks
- Large shoulders for bicycle travel
- Overhead wires relocated to underground duct banks
- Show fence over Route 110/113 Merrimack Street





Construction Timeline and Impacts

Construction Management Approach

- Design-Build Project
- Staged construction to maintain three travel lanes on I-495 NB and SB, and two lanes on Industrial Avenue during peak travel hours
- Temporary Work Trestle provides access to work while minimizing impact to the traveling public
- Lane shifts, lane drops, rolling roadblocks, or detours during off-peak hours may be used to expedite completion of this project

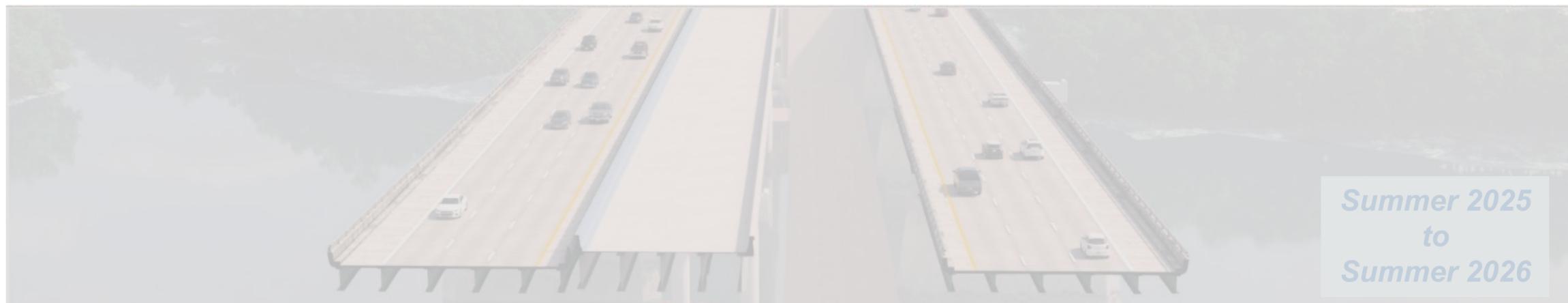


Project Phasing – Stage 1 – I-495 Bridges



Existing Conditions

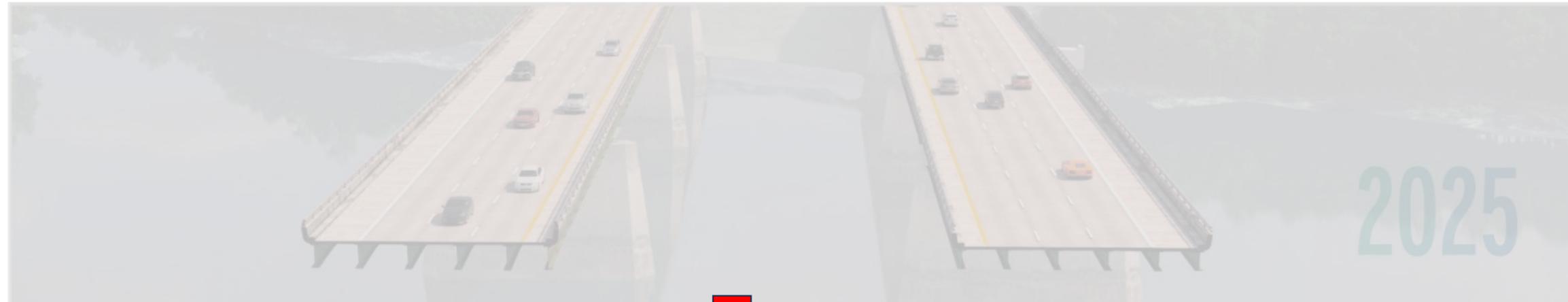
Existing I-495 SB and NB each consist of three 12-foot travel lanes, a 10-foot outside shoulder, and a 4-foot inside shoulder, separated by a 9-foot median.



Stage 1: Construction

A portion of the I-495 SB bridge will be constructed in the median, directly adjacent to the SB bridge. The bridge will be wide enough to accommodate three 11-foot temporary travel lanes and 2-foot shoulders, including an anchored barrier for vehicle protection.

Project Phasing – Stage 1 – I-495 Bridges



Existing Conditions

Existing I-495 SB and NB each consist of three 12-foot travel lanes, a 10-foot outside shoulder, and a 4-foot inside shoulder, separated by a 9-foot median.

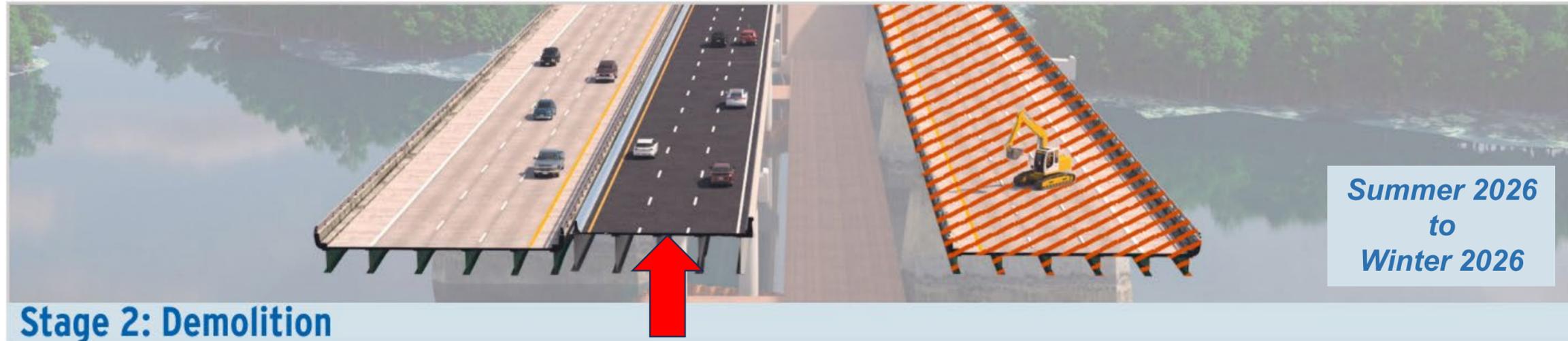


*Summer 2025
to
Summer 2026*

Stage 1: Construction

A portion of the I-495 SB bridge will be constructed in the median, directly adjacent to the SB bridge. The bridge will be wide enough to accommodate three 11-foot temporary travel lanes and 2-foot shoulders, including an anchored barrier for vehicle protection.

Project Phasing – Stage 2 – I-495 Bridges



Stage 2: Demolition

I-495 NB traffic will be shifted onto the new partially-constructed SB bridge via a temporary crossover in the median. The remainder of the existing I-495 NB bridge will then be demolished.



Stage 2: Construction

The new I-495 NB bridge will then be constructed. The final NB bridge cross section includes three 12-foot travel lanes, a 20-foot inside shoulder and a 12-foot outside shoulder.

Project Phasing – Stage 2 – I-495 Bridges



Stage 2: Demolition

I-495 NB traffic will be shifted onto the new partially-constructed SB bridge via a temporary crossover in the median. The remainder of the existing I-495 NB bridge will then be demolished.



Stage 2: Construction

The new I-495 NB bridge will then be constructed. The final NB bridge cross section includes three 12-foot travel lanes, a 20-foot inside shoulder and a 12-foot outside shoulder.

Project Phasing – Stage 2 – I-495 Bridges



*Summer 2026
to
Winter 2026*

Stage 2: Demolition

I-495 NB traffic will be shifted onto the new partially-constructed SB bridge via a temporary crossover in the median. The remainder of the existing I-495 NB bridge will then be demolished.

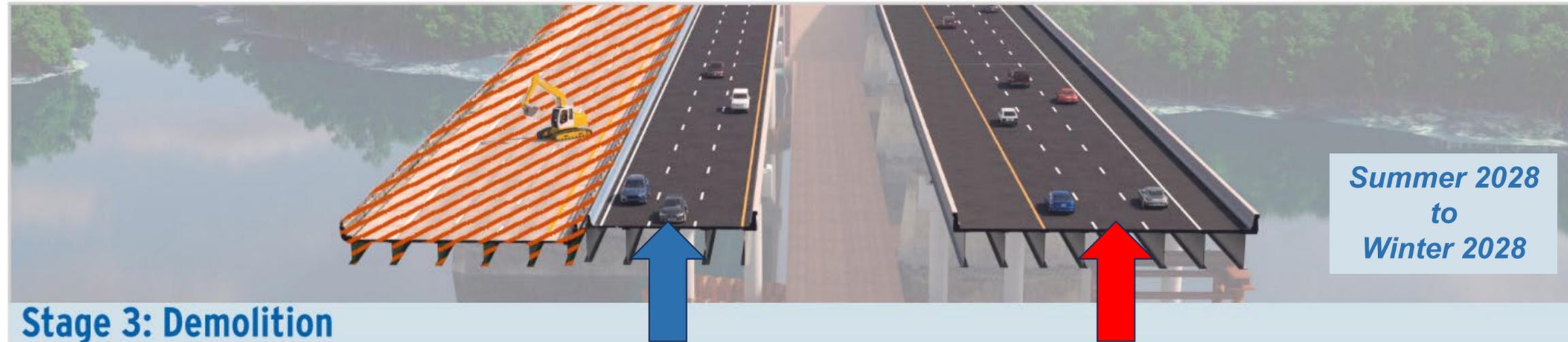


*Spring 2027
to
Spring 2028*

Stage 2: Construction

The new I-495 NB bridge will then be constructed. The final NB bridge cross section includes three 12-foot travel lanes, a 20-foot inside shoulder and a 12-foot outside shoulder.

Project Phasing – Stage 3 – I-495 Bridges

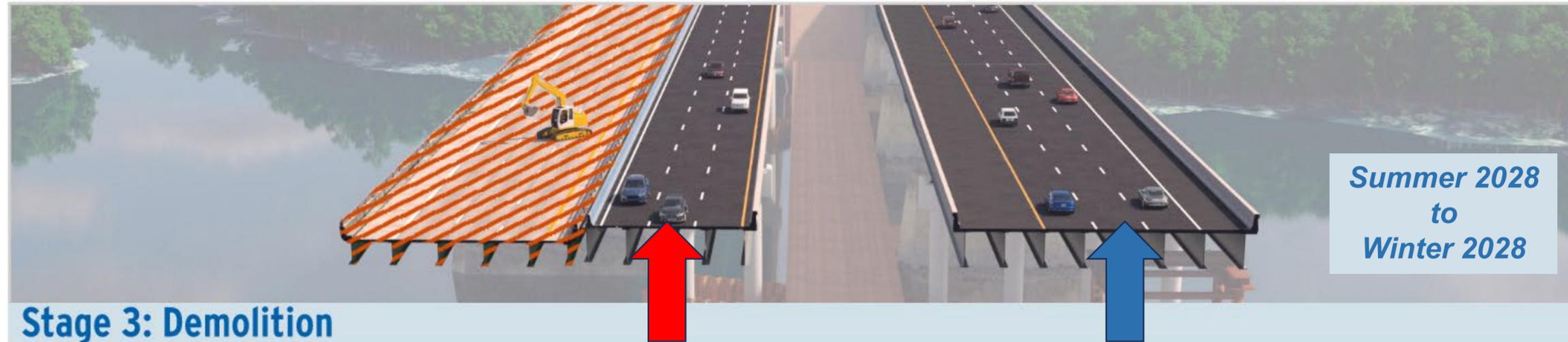


I-495 NB traffic will be shifted into its final configuration and I-495 SB traffic will be temporarily shifted to the newly constructed Stage 1 SB build. At this point, all traffic is now off of existing structures. The existing I-495 SB bridge will then be demolished.



The new I-495 SB bridge will then be completed and connected to the Stage 1 bridge with a closure pour. The final SB bridge cross section is identical to the NB bridge, including three 12-foot travel lanes, a 20-foot inside shoulder and 12-foot outside shoulder.

Project Phasing – Stage 3 – I-495 Bridges



Stage 3: Demolition

I-495 NB traffic will be shifted into its final configuration and I-495 SB traffic will be temporarily shifted to the newly constructed Stage 1 SB build. At this point, all traffic is now off of existing structures. The existing I-495 SB bridge will then be demolished.



Stage 3: Construction

The new I-495 SB bridge will then be completed and connected to the Stage 1 bridge with a closure pour. The final SB bridge cross section is identical to the NB bridge, including three 12-foot travel lanes, a 20-foot inside shoulder and 12-foot outside shoulder.

Project Phasing – Stage 3 – I-495 Bridges



Stage 3: Demolition

I-495 NB traffic will be shifted into its final configuration and I-495 SB traffic will be temporarily shifted to the newly constructed Stage 1 SB build. At this point, all traffic is now off of existing structures. The existing I-495 SB bridge will then be demolished.



Stage 3: Construction

The new I-495 SB bridge will then be completed and connected to the Stage 1 bridge with a closure pour. The final SB bridge cross section is identical to the NB bridge, including three 12-foot travel lanes, a 20-foot inside shoulder and 12-foot outside shoulder.

Project Phasing – Stage 3 – I-495 Bridges



*Summer 2028
to
Winter 2028*

Stage 3: Demolition

I-495 NB traffic will be shifted into its final configuration and I-495 SB traffic will be temporarily shifted to the newly constructed Stage 1 SB build. At this point, all traffic is now off of existing structures. The existing I-495 SB bridge will then be demolished.



*Spring 2029
to
Winter 2029*

Stage 3: Construction

The new I-495 SB bridge will then be completed and connected to the Stage 1 bridge with a closure pour. The final SB bridge cross section is identical to the NB bridge, including three 12-foot travel lanes, a 20-foot inside shoulder and 12-foot outside shoulder.

Project Phasing – Final Configuration – I-495 Bridges

*Winter 2029
To
Spring 2030*



Full Beneficial Use

I-495 SB traffic is then shifted into its final configuration and both bridge structures are now complete.

Project Area



Project Phasing – Industrial Ave Bridge

Stage 1

- Eastbound bridge construction in the median between existing Industrial Avenue Structures

Stage 2

- Demo existing westbound bridge
- Complete new Industrial Avenue Bridge Structure

Stage 3

- Demo existing eastbound bridge
- Final Industrial Avenue alignment complete



Project Phasing – Industrial Ave Bridge

Stage 1

- Eastbound bridge construction in the median between existing Industrial Avenue Structures

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Project Phasing – Industrial Ave Bridge

Stage 1

- Eastbound Bridge Construction in the median between existing Industrial Avenue Structures

Stage 2

- Demo Existing Westbound Bridge
- Complete new Industrial Avenue Bridge Structure

Stage 3

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- Final Industrial Avenue alignment complete



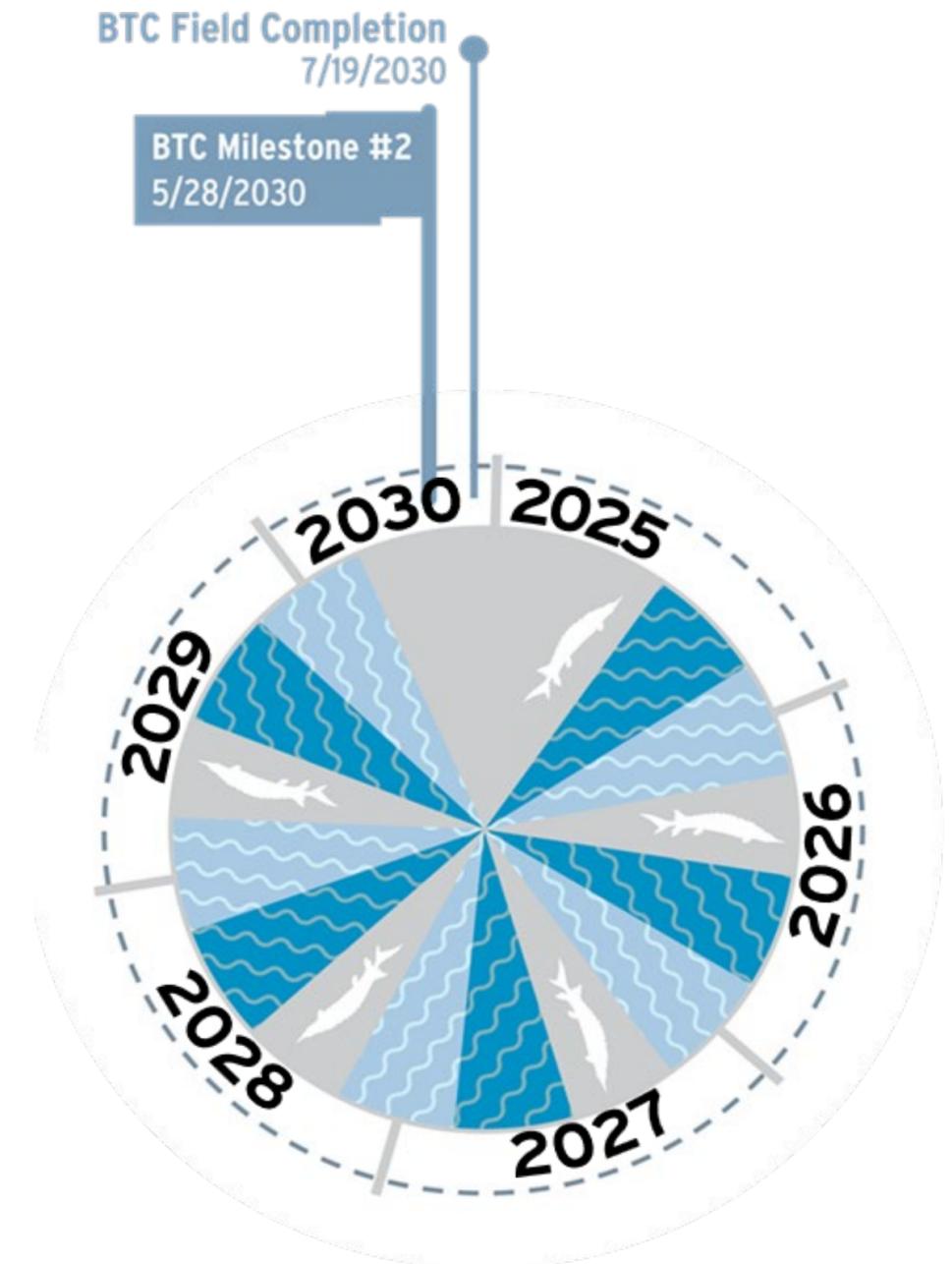
Anticipated Impacts to Travelers and Abutters

- Three lanes of travel WILL be maintained throughout the project
- Temporary lane closures during off-peak hours
- Night work start times consider weekend and summer traffic increase, no lane closures during holidays
- All temporary traffic impacts are approved by MassDOT; roadway users and abutters will be notified through the project website and public outreach program
- Real time traffic management devices will be implemented for advanced warning and notification on I-495 and local roads



Construction Mitigation Overview

- Wildlife Monitoring: Time of year work restrictions and on-site monitoring of local sturgeon population
- Restoration and mitigation of Environmental Resource areas
- Permitting with MassDEP, U.S. Army Corps of Engineers, NOAA Fisheries, and U.S. Coast Guard
- Construction air, noise, water, and dust controls used to limit the impacts of construction on abutters



Next Steps



Stage 1
Summer 2025 – Summer 2026

Clearing and grubbing in the median
Begin trestle construction
Construct temporary crossovers to shift I-495 traffic
Begin construction of the new southbound (median) bridge over the Merrimack River
Utility relocations and preparatory roadway work on Route 110/Merrimack Street and Industrial Avenue



Stage 2
Summer 2026 – Spring 2028

Shift northbound traffic onto the newly built southbound (median) bridge
Demolish the existing northbound bridge
Construct the new northbound bridge in its original footprint
Begin noise barrier installation along the northbound side



Stage 3
Summer 2028 – Winter 2029

Shift southbound traffic onto the new northbound bridge
Demolish the existing southbound bridge
Construct the second half of the new southbound bridge
Complete drainage work and roadway realignment on the southbound side



Stage 4
Winter 2029 – Spring 2030

Remove temporary crossovers and restore the median
Final paving, striping, and installation of permanent signage
Complete wetland replication and other environmental restoration activities
Final project cleanup and demobilization

Construction Phasing Animation





Community Engagement

Next Steps

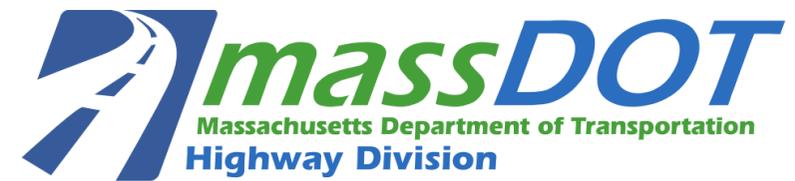
- Send weekly project update emails and special advisories to subscribers
- Targeted virtual and direct outreach in English, Spanish, and other languages, as needed, to stakeholders and direct project abutters
- A dedicated project website: <https://www.mass.gov/haverhill-methuen-bridge-replacements>
- Project email for two-way communication between the public and the project team: haverhill-methuen-bridge-repl@dot.state.ma.us
- Briefings for local and elected officials
- Public Information Meetings
- Communicate updates through Haverhill and Methuen, adjacent municipalities, and local community organizations
- Coordinate with navigation companies (Google Maps, Waze, etc.)



Scan to
subscribe to
project updates



Questions and Answers



Thank You

*I-495 over Merrimack River and
Route 113 and Industrial Ave over I-495*

November 13, 2025 | Haverhill | 6:00 PM to 8:00 PM

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Project email: haverhill-methuen-bridge-repl@dot.state.ma.us