



CHELMSFORD- BRIDGE BUNDLE

*GORHAM STREET OVER
I-495 & WESTFORD ST.
over I-495*

Virtual Design Public Hearing Date 06/14/2023 Time 6:00 PM

Project File No. 612631



Zoom Hearing Controls



- Listen in Khmer, Portuguese, or Spanish



- Ask a question and share comments



- Raise your hand - *9 for users dialing in and Alt + Y to raise your hand



- If you are unable to access the internet or are having technical problems, please call into the meeting at 646-876-9923, Webinar ID: 829 9628 0300



Live Transcript

- Closed captioning automatically generated by Zoom



- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



If you have trouble with the meeting technology during the presentation, please call:

[+1.888.799.9666]

Audio Settings ^



Raise Hand



Q&A



Interpretation



Live Transcript

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Public Hearing Notes and Procedures

Public record

- This virtual public hearing is being recorded. MassDOT may choose to retain and distribute the images, audio and the Q&A transcript from this hearing.
- All parts of this hearing are considered public record.
- If you are not comfortable being part of the official record, please refrain from using the Q&A feature or you may choose to excuse yourself from the hearing. Information from this hearing will be posted on the Mass.gov website.

Important notes

- Your microphone and webcam are automatically disabled upon entering the hearing.
- This hearing will be open to questions and answers at the end of the presentation.
- Please take time to respond to our survey at the end of the presentation. Your feedback is important.

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!

Panel Members

MassDOT

- Aleksey Belov – Project Manager
- Brian Fallon – District 4 Project Development Engineer
- Christopher Cassinello – State ROW
- Joe Yoo – Producer
- Kayla Sousa - Producer

Town of Chelmsford

- Christine Clancy – DPW Director

Design Consultants

- Hardesty & Hanover – Ed Malnati
- Howard Stein Hudson – Bridget Myers

Interpreters:

Khmer: Michael Chan

Portuguese: Alisa &
Rafael

Spanish: Susana
Carella

CART: Susie Galvan

Thank You for Your Support

MassDOT Facebook and Twitter:



Municipal Organizations:

Town of Chelmsford

City of Lowell

Community Organizations:

Billerica Access Television, Inc.

Chelmsford Council on Aging

Northern Middlesex Council of Governments

Registry of Motor Vehicles



Northern
Middlesex Council
of Governments



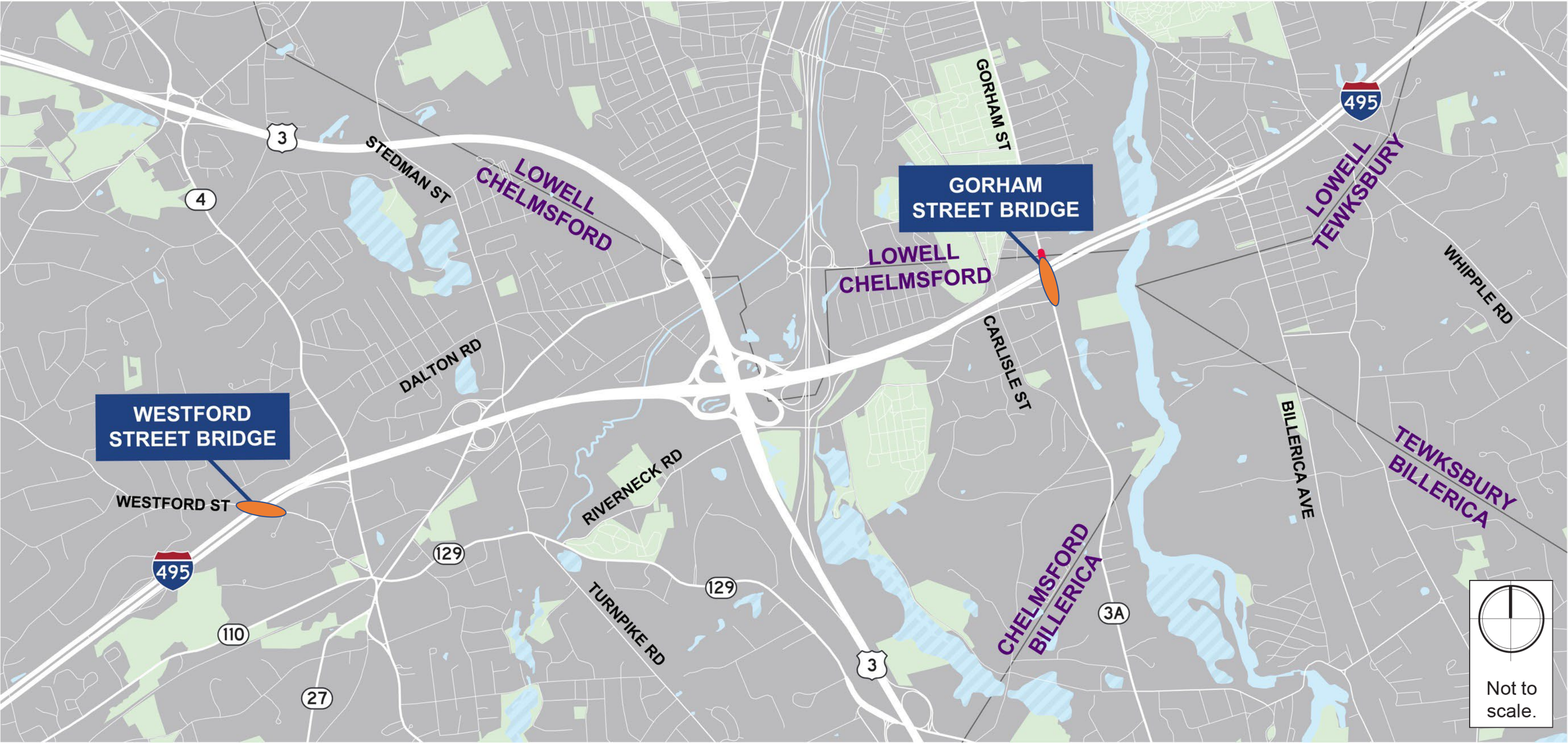
REGISTRY OF MOTOR VEHICLES

Agenda

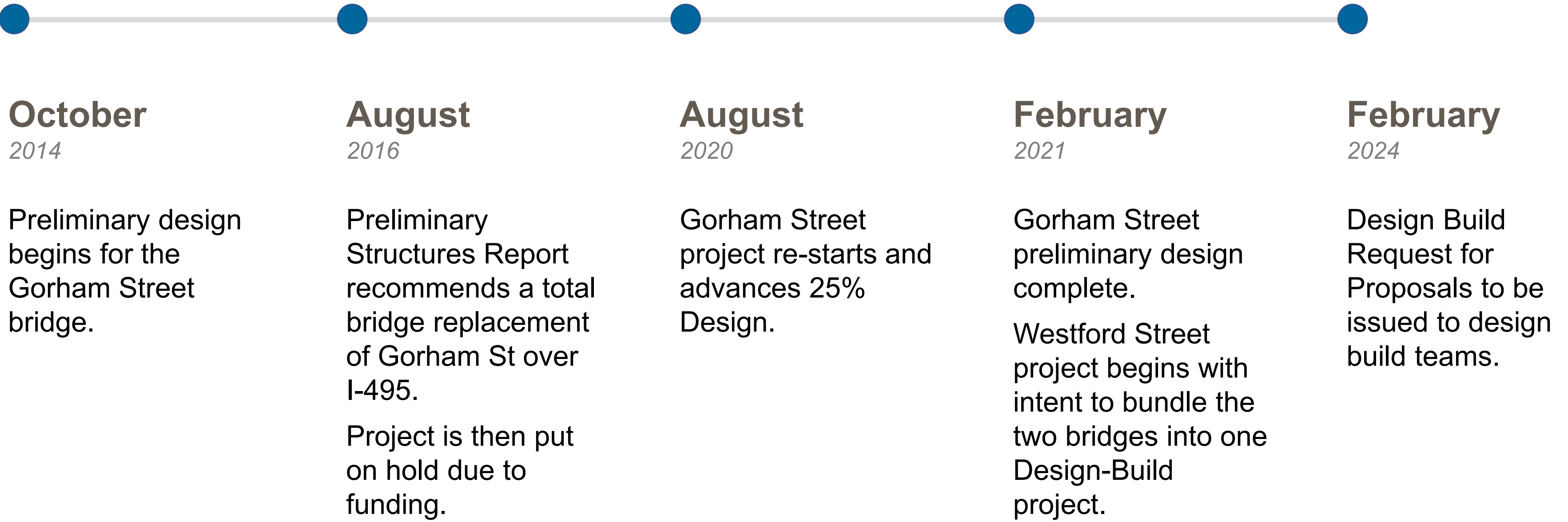
- 1 Project Need
- 2 Project Goals
- 3 Alternatives
- 4 Preferred Alternatives
- 5 Impacts
- 6 Construction
- 7 Right of Way Process
- 8 What Next?
- 9 Questions



Project Location



How did we get here?





**Why was this
project
initiated?**

Gorham Street Steel Beams



Gorham Street Typical Pier



Gorham Street Sidewalk



Uneven non-ADA
compliant sidewalks

Traffic Rail



Crash Damage and
Temporary Rail

Westford Street Steel Beams



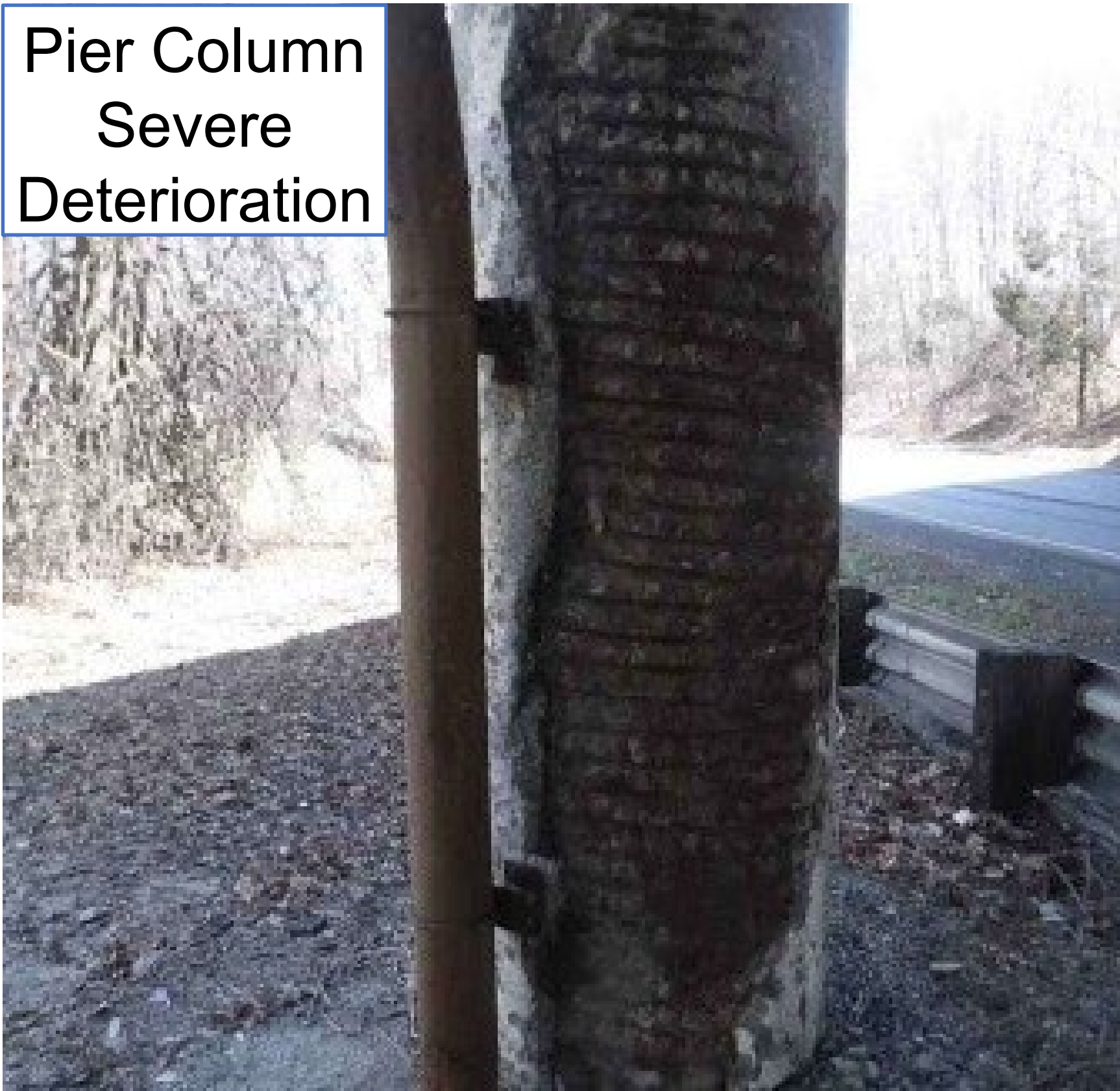
Rust Holes through Beam
And Severe Deterioration



Westford Street Typical Pier



Pier Cap
Deterioration



Pier Column
Severe
Deterioration

Gorham Street: Bicycles and Pedestrians

- Gorham Street lacks any bicycle accommodations
- Sidewalks are in poor condition with utility poles blocking the way



Westford Street Bicycles and Pedestrians

- Westford Street only has 1 sidewalk over the bridge.
- This sidewalk has no ramps at either end.
- There are no bicycle accommodations on Westford Street





**What do we
want to
accomplish?**

Project Goals

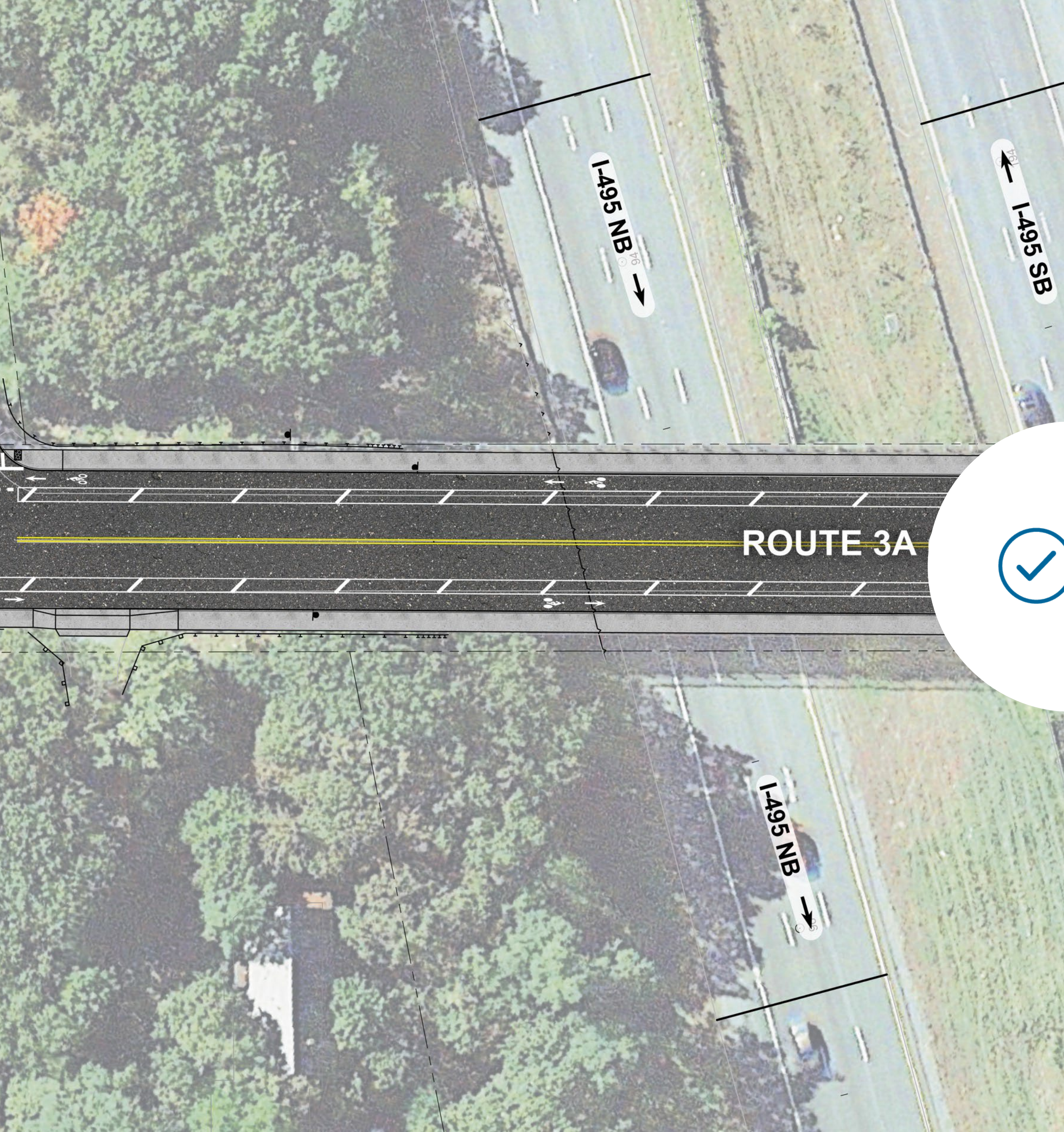
- Replace Structurally Deficient Bridges
- Provide new ADA-compliant sidewalks along both sides of the road
- Add appropriate bicycle accommodations for each roadway
- Maintain one-direction of traffic along the bridges during construction



**What
alternatives
were
considered?**

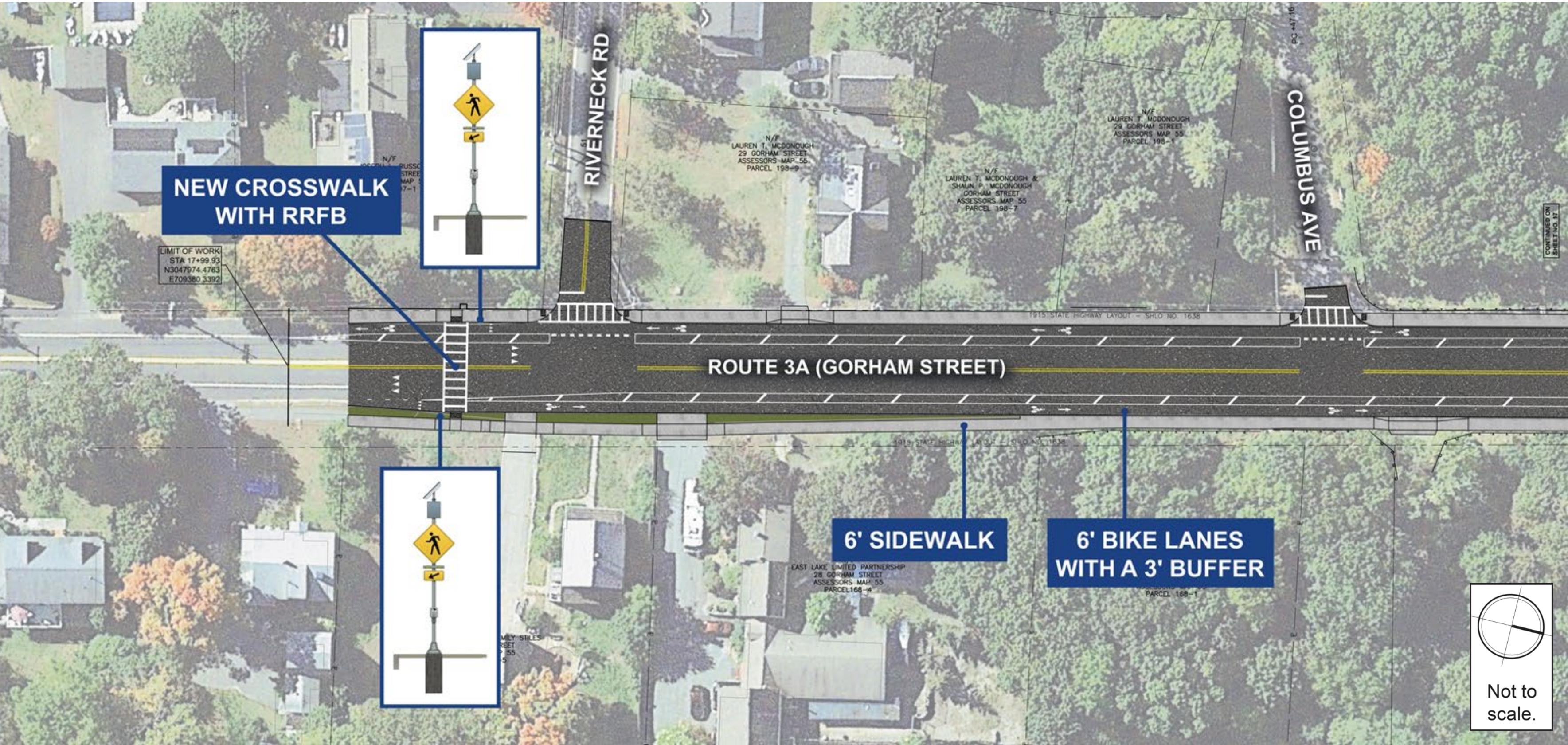
Design Alternatives for Both Bridges

- Bridge Deck Replacement
- Superstructure Replacement
- Full Bridge Replacement ****Selected Alternative****

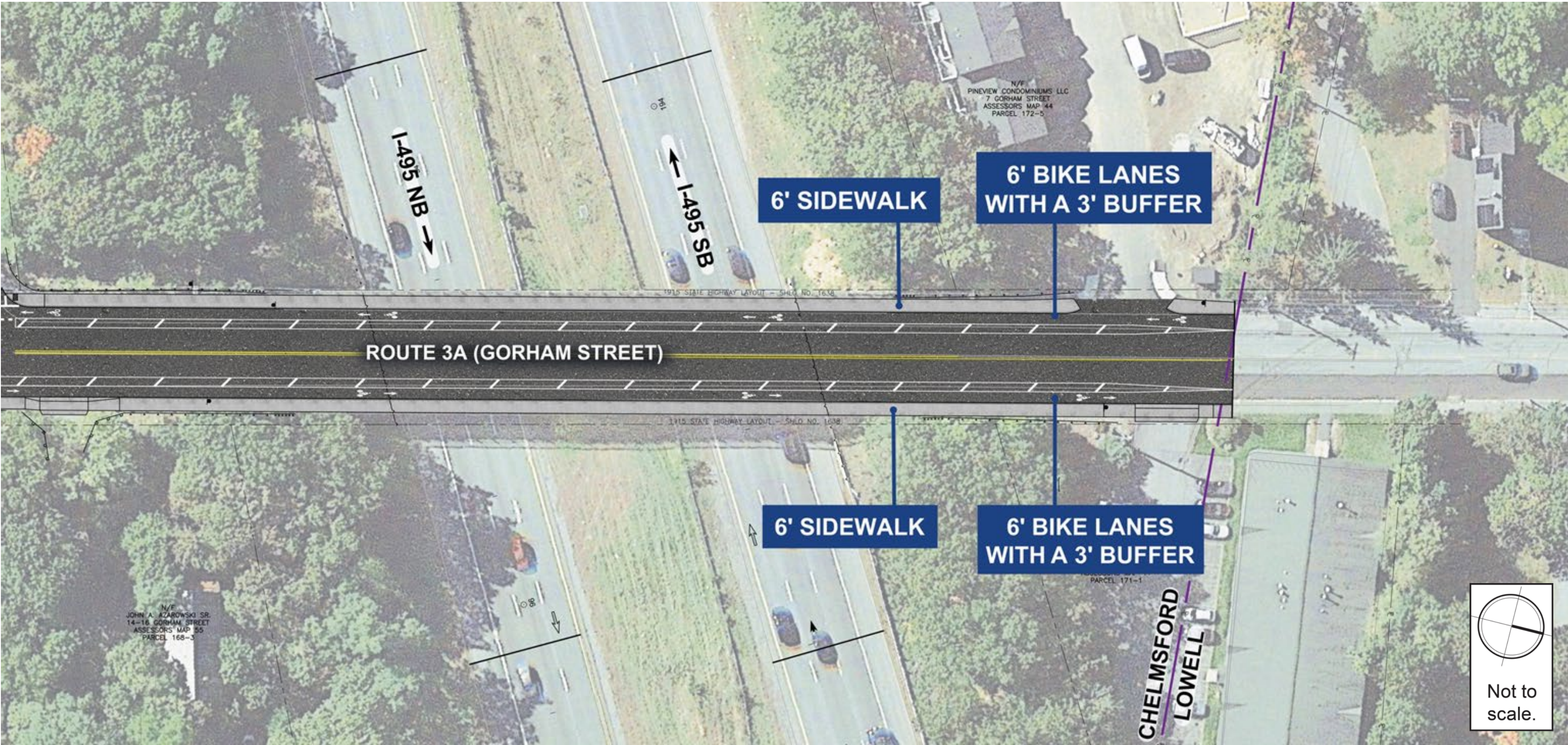


What is the preferred alternative?

Gorham Street Proposed Layout



Gorham Street Proposed Layout (continued)

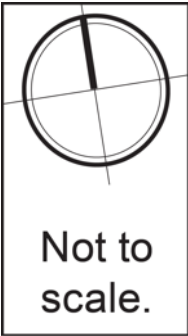
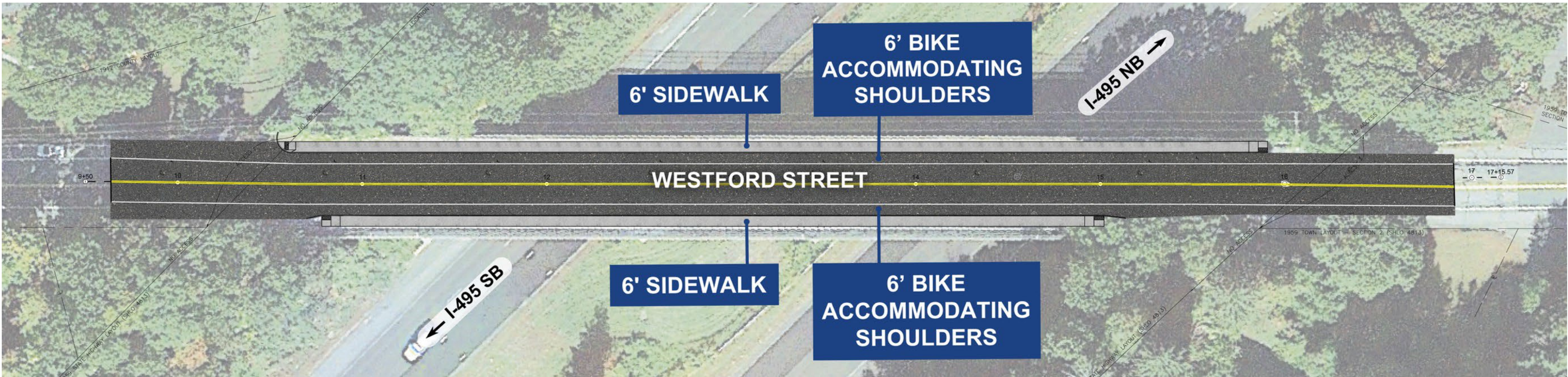


Gorham Street Roadway Cross Section

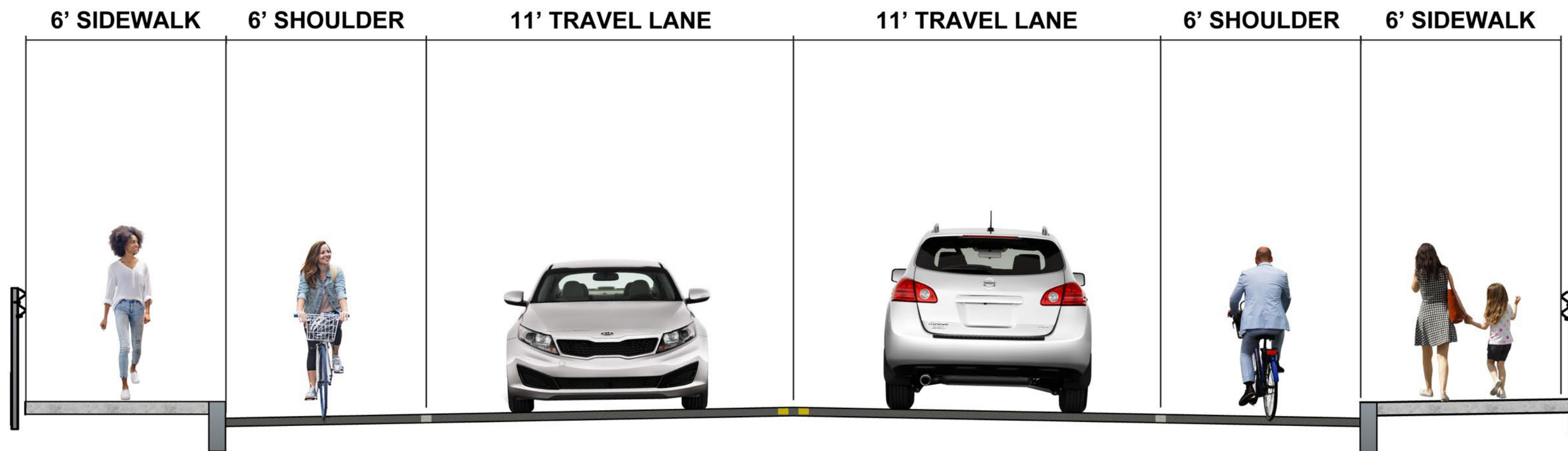


- 11-ft Travel Lanes
- 6-ft Bike Lanes with a 3-ft Buffer
- 6-ft Sidewalks

Westford Street Proposed Layout

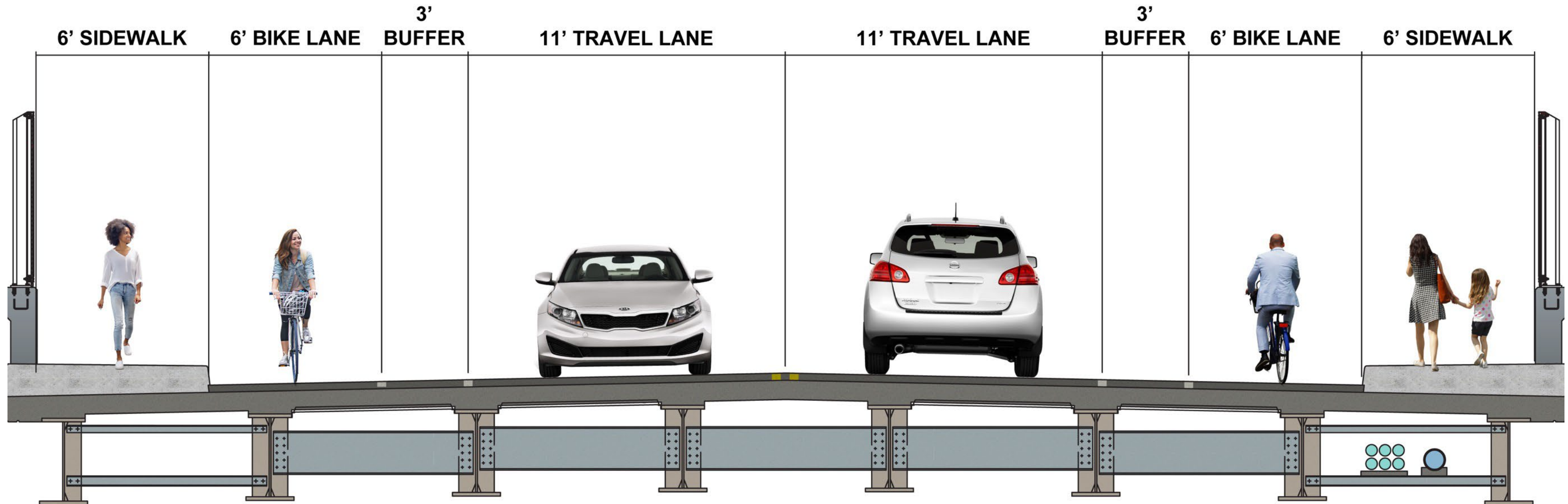


Westford Street Roadway Cross Section



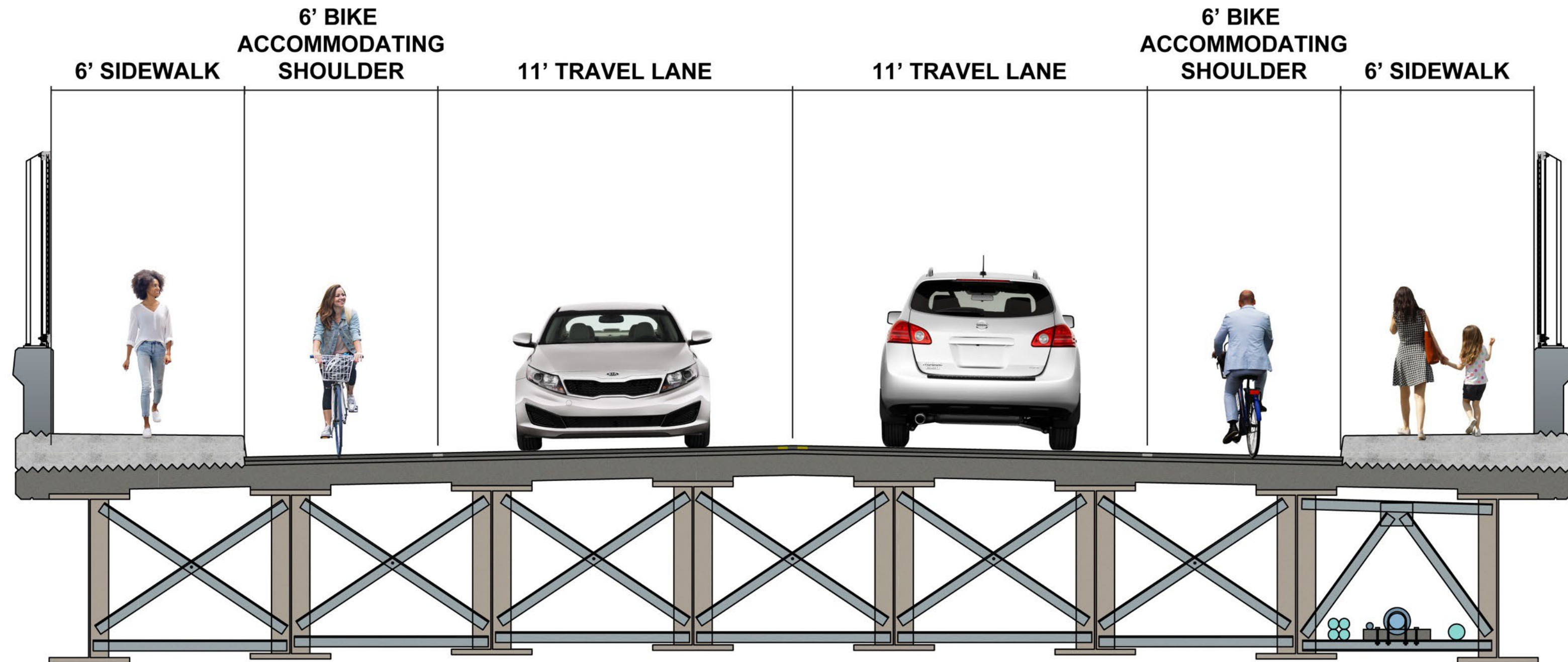
- 11-ft Travel Lanes
- 6-ft Bike Accommodating Shoulders
- 6-ft Sidewalks

Gorham Street Bridge Section



- Gorham Street bridge will be a full bridge replacement
- Galvanized Steel Beams to Eliminate Corrosion
- High Performance Concrete Reinforcing for Bridge Deck and Sidewalks
- Safety Parapet Barriers with Protective Fencing

Westford Street Bridge Section



- Westford Street bridge will be a full bridge replacement
- Galvanized Steel Beams to Eliminate Corrosion
- High Performance Concrete Reinforcing for Bridge Deck and Sidewalks
- Safety Parapet Barriers with Protective Fencing



**How will
bicyclists and
pedestrians
be impacted?**

Bikes and Pedestrians During Construction

- Bicyclists can continue to ride on the roadway with vehicles during construction.
- Pedestrians will be provided with a sidewalk or protected path over both bridges during construction.
- Following construction, pedestrians and bicycles will be accommodated on both bridges



**What are the
environmental,
cultural
resource, and
community
impacts?**

Environmental Impacts – None Anticipated

Federally Funded Project

- National Environmental Policy Act Review (NEPA)
- Anticipated that all federal regulations will be cleared

Exempt from

- Chapter 91 review
- Massachusetts Environmental Policy Act (MEPA)
- Wetland Protection Act



**What is the
construction
approach?**

Proposed construction approach: Design Build

Allows the contractor and designer to work together on all phases of the project to

- Promote innovation
- Reduce project costs
- Expedite project delivery



**How will the
road user be
affected?**



Gorham Street One-Way Detour

- One travel lane will be open on the bridge during construction
- Southbound vehicles will remain on Gorham Street
- Northbound vehicles will detour on Carlisle Street.
- A pedestrian walkway will be maintained across the bridge during construction.
- Detour is 1.1 miles
 - 1 mile without detour



Westford Street One-Way Detour

- One travel lane will be open on the bridge during construction
- Southbound vehicles will remain on Westford Street
- Northbound vehicles will detour up North Rd and take a left on Dalton Rd
- A pedestrian walkway will be maintained across the bridge during construction.
- Detour is 1 mile
 - 0.7 miles without detour

Our next steps: Anticipated Schedule





**How will your
property be
impacted?**

Preliminary Right of Way (ROW) Discussion

- Easements may be required for construction
- Permanent easements typical for sidewalks and utility relocations (overhead wires)
- Temporary easements typical for grading behind sidewalk and construction access
- Gorham Street (Route 3A) – State ROW – MassDOT acquires easements
- Westford Street – No Easements Anticipated



**How will we
keep you
informed?**

How to reach us?

- Submit written comments to:

Carrie Lavalley, P.E. Chief Engineer

MassDOT

10 Park Plaza

Boston, MA 02116

Attention: Project Management, PROJECT FILE NO. 612631

- Submit email comments to:

MassDOTMajorProjects@dot.state.ma.us

- For project information visit the MassDOT
Public Information Meeting web site at:

<https://www.mass.gov/massdot-highway-design-public-hearings>

Use the QR Code:





Questions and discussion

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions (Alt + Y)



- Submit your questions and comments using the Q&A button (Alt + H)



- Please state your name before your question



- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



- To ask a question via phone, dial *9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn



- Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting

All questions and comments are subject to disclosure for public records. Please use these functions for project related business only.

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Thank You

Chelmsford Bridge Bundle:

Gorham Street and

Westford Street over I-495

Virtual Design Public Hearing – 6/14/23 – 6:00PM

Project File No. 612631

Project Manager: Aleksey Belov

