

Fitchburg Bridges Replacement

Project File No. 608189

Public Information Meeting

September 22, 2020 at 6:30pm



Zoom Control Panel

2



- Unmute to speak
- Drop down menu to check microphone and speaker configuration



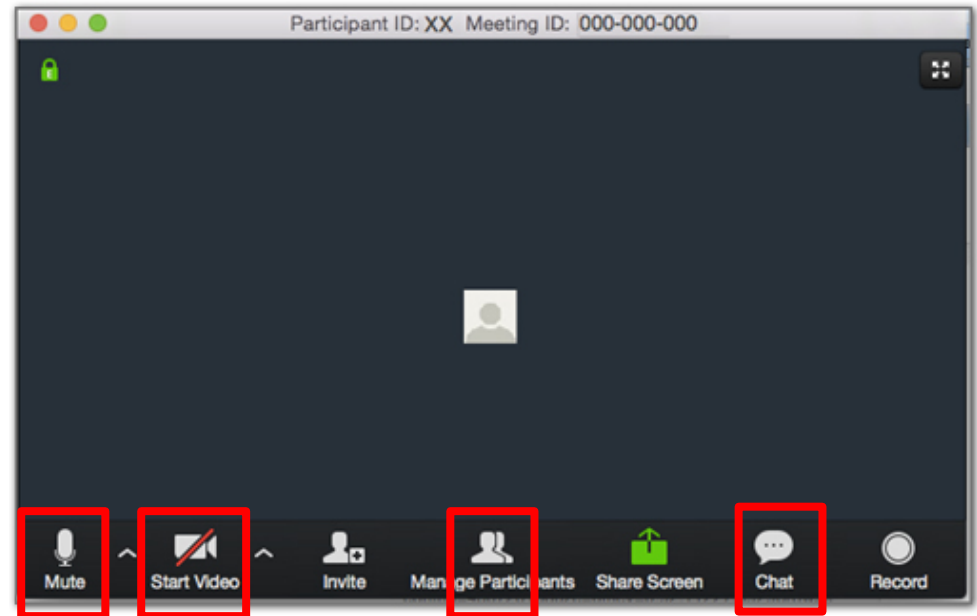
- Raise your hand



- Turn camera on/off



- Chat/ Ask a question

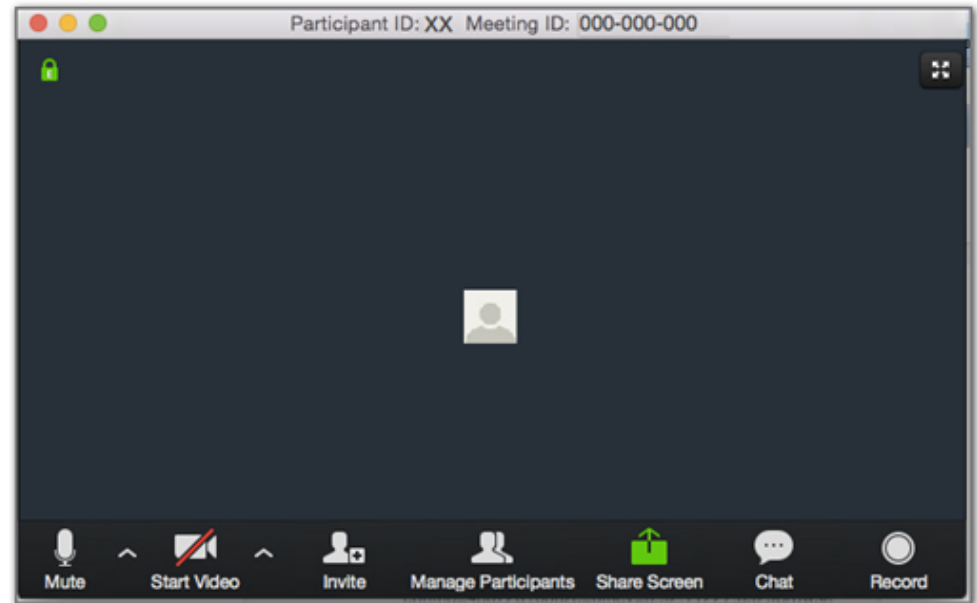


Note: Today's presentation is being recorded

Housekeeping Slides

3

- Please submit your text questions and comments using the chat panel
- Please raise your hand to be unmuted for verbal questions at the end of the presentation
- Please state your name before your question
- Questions and comments will be added to the public record



Note: Today's presentation is being recorded

Agenda

4

- Welcome and Introductions
- Project Overview
- Project Scope
- Construction Phasing and Impacts
- Timeline and Next Steps
- Q & A

Project Team

5

MassDOT Highway Division

Project Proponent

HNTB

Project Designer and lead for consultant team including
Howard Stein Hudson

City of Fitchburg

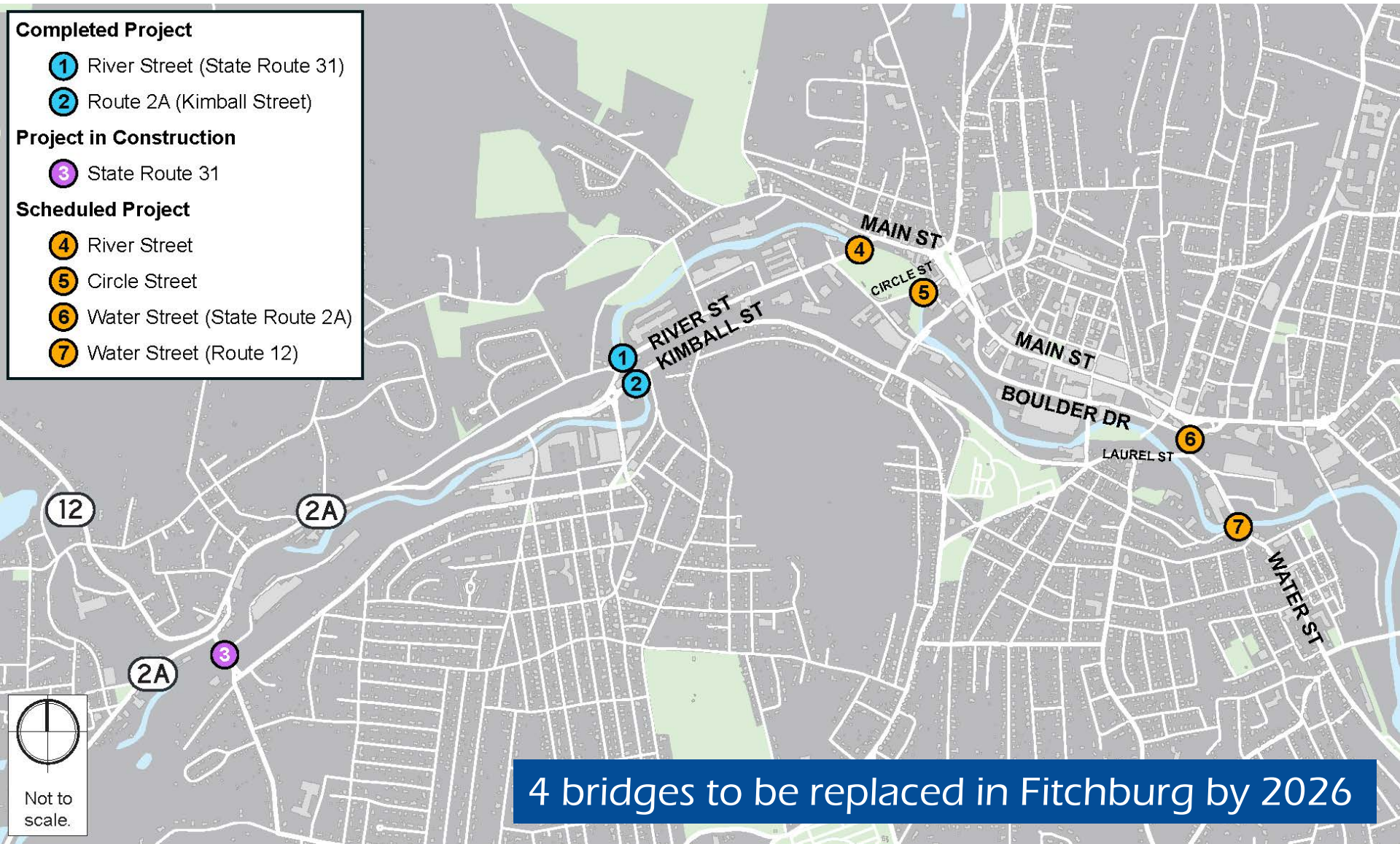
Project Goals

6

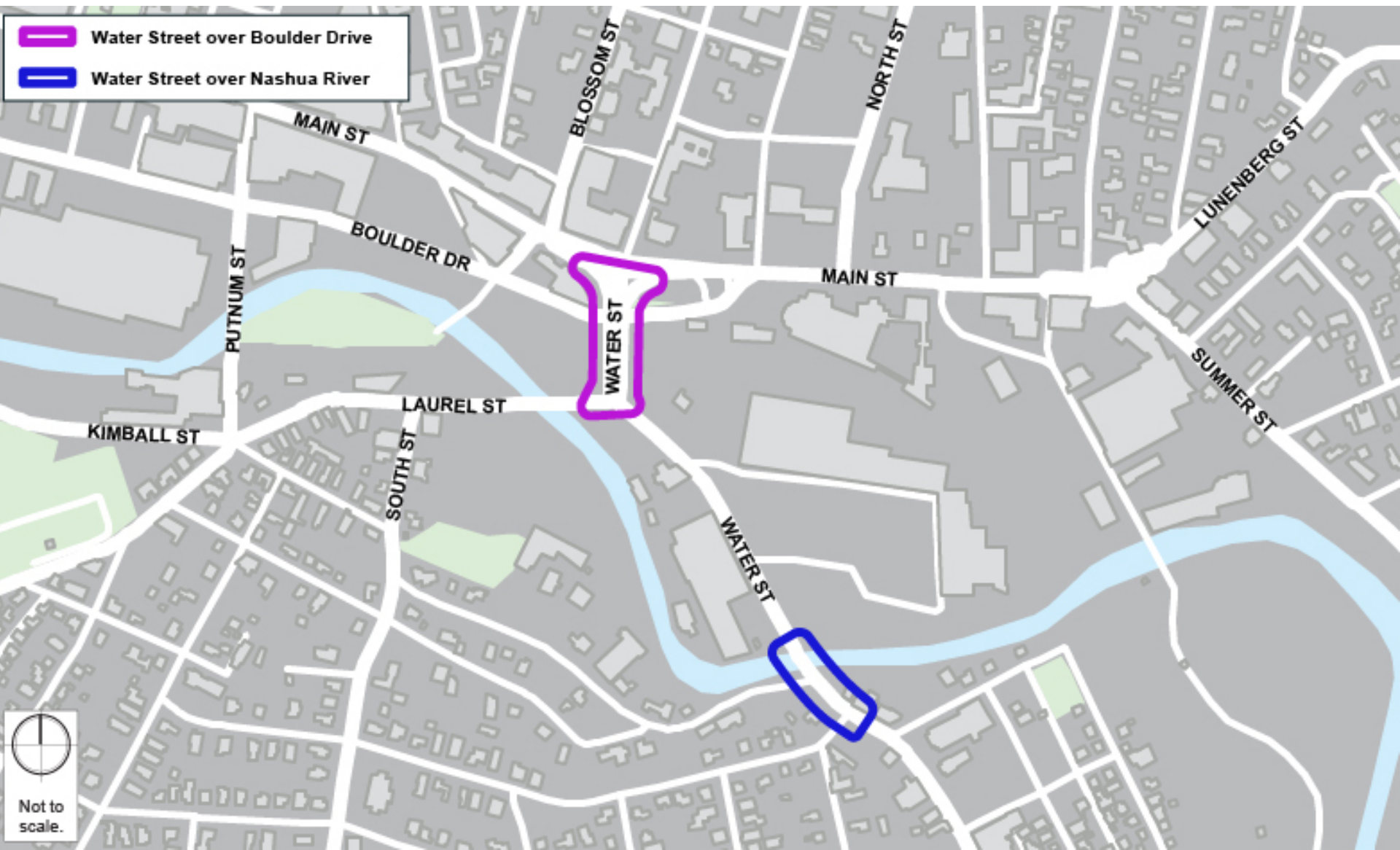
- Replace deficient bridges
- Design a construction plan that will minimize construction impacts
- Improve bridge aesthetics
- Estimated project budget: \$18 million



Project Background



Project Area



Water Street Bridge over Boulder Drive

9

- The bridge was constructed in 1900 and rehabilitated in 1953.



Vehicles passing through the interchange per day

Route 12	Over 20,000
Route 2A	Over 20,000
Boulder Drive	Over 5,000

Water Street Bridge over Nashua River

10

- The bridge was constructed in 1937, rehabilitated in 1967.

Bridge Over Nashua River



Vehicles passing over the
bridge per day

Route 12

Over 20,000

Existing Structural Conditions

11



Bridge Over Boulder Drive and Pan Am Railroad

Existing Structural Conditions (cont.)

12



Existing Structural Conditions (cont. 3)

13

Bridge Over Nashua River



*Bridge Over Boulder Drive
and Pan Am Railroad*



Existing Structural Conditions (cont. 4)

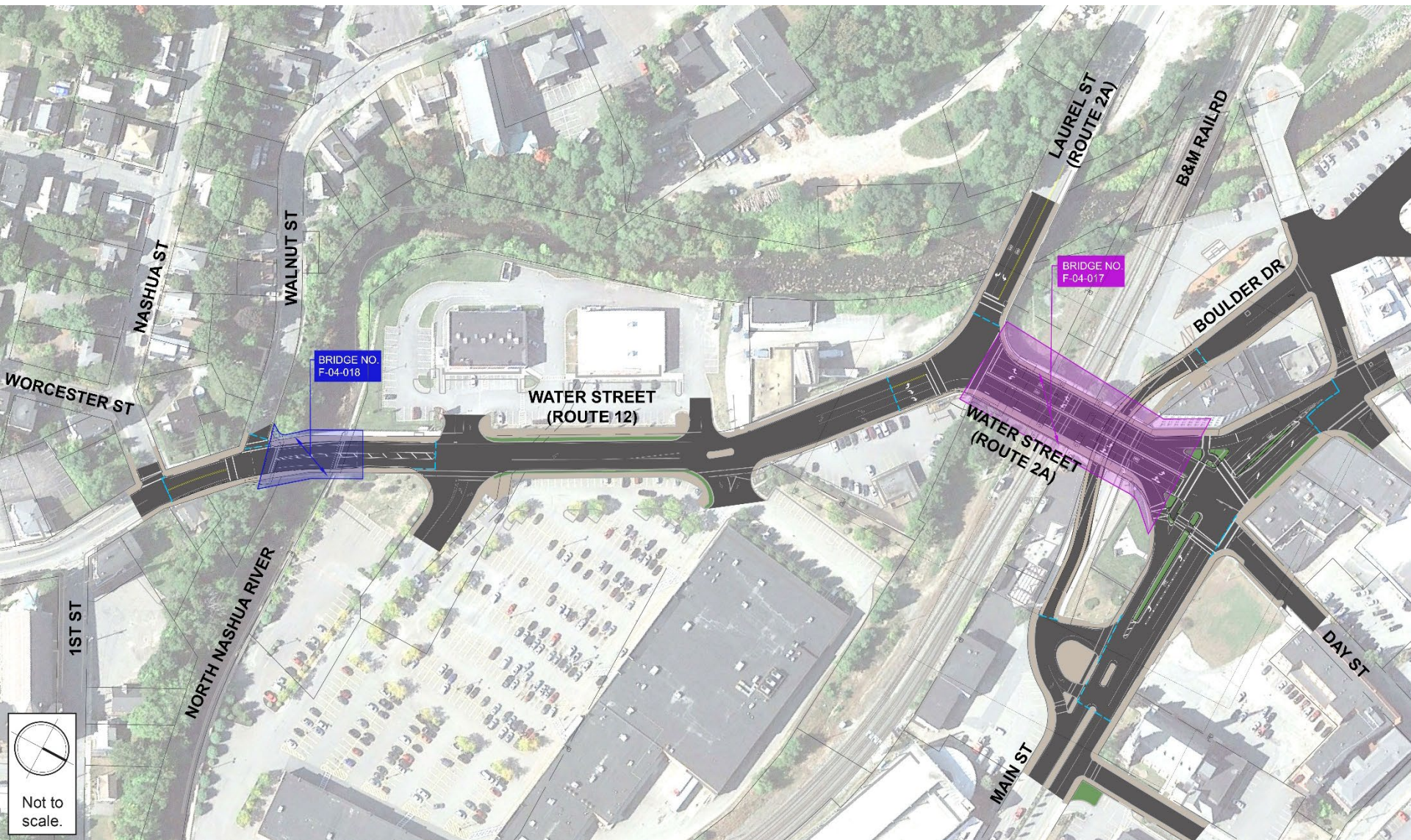
14



- Barriers, sidewalk

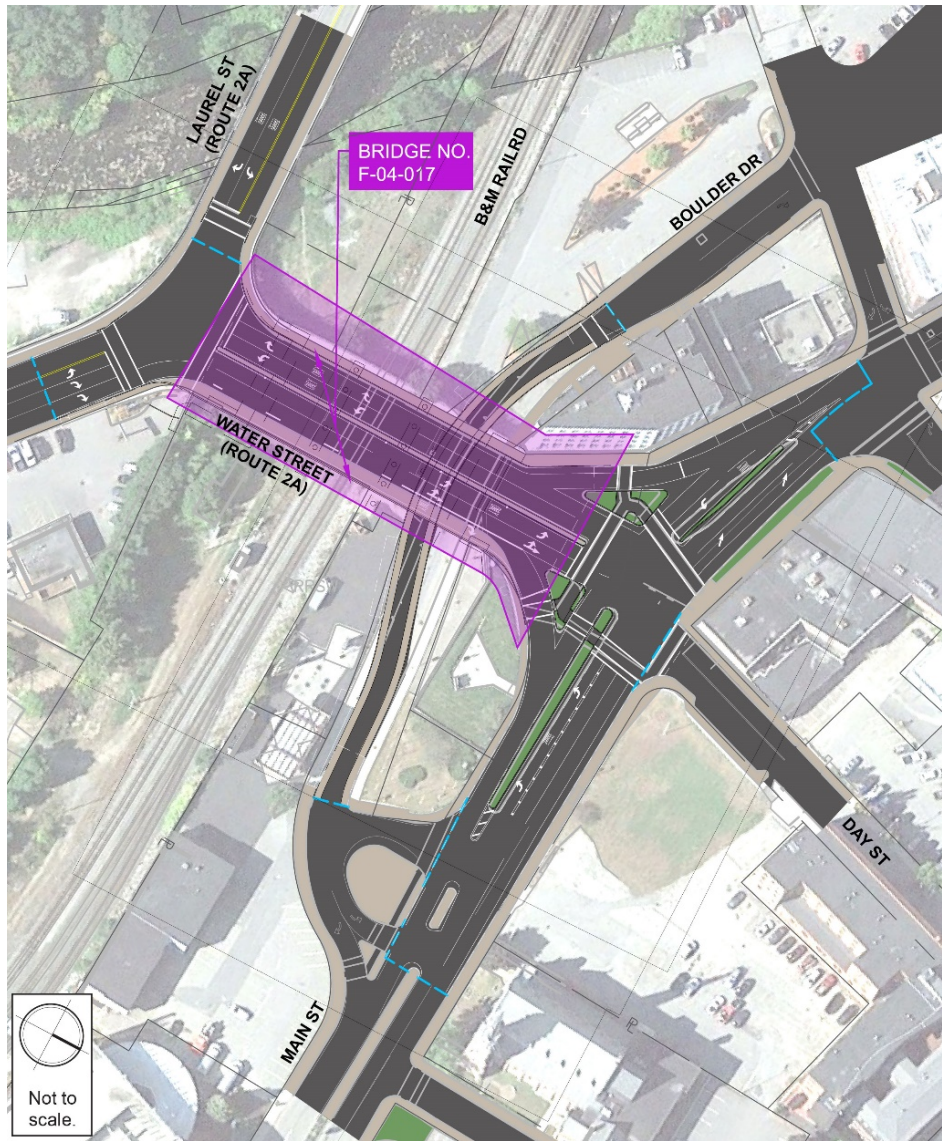
Project Scope

15



Water Street over Boulder Drive

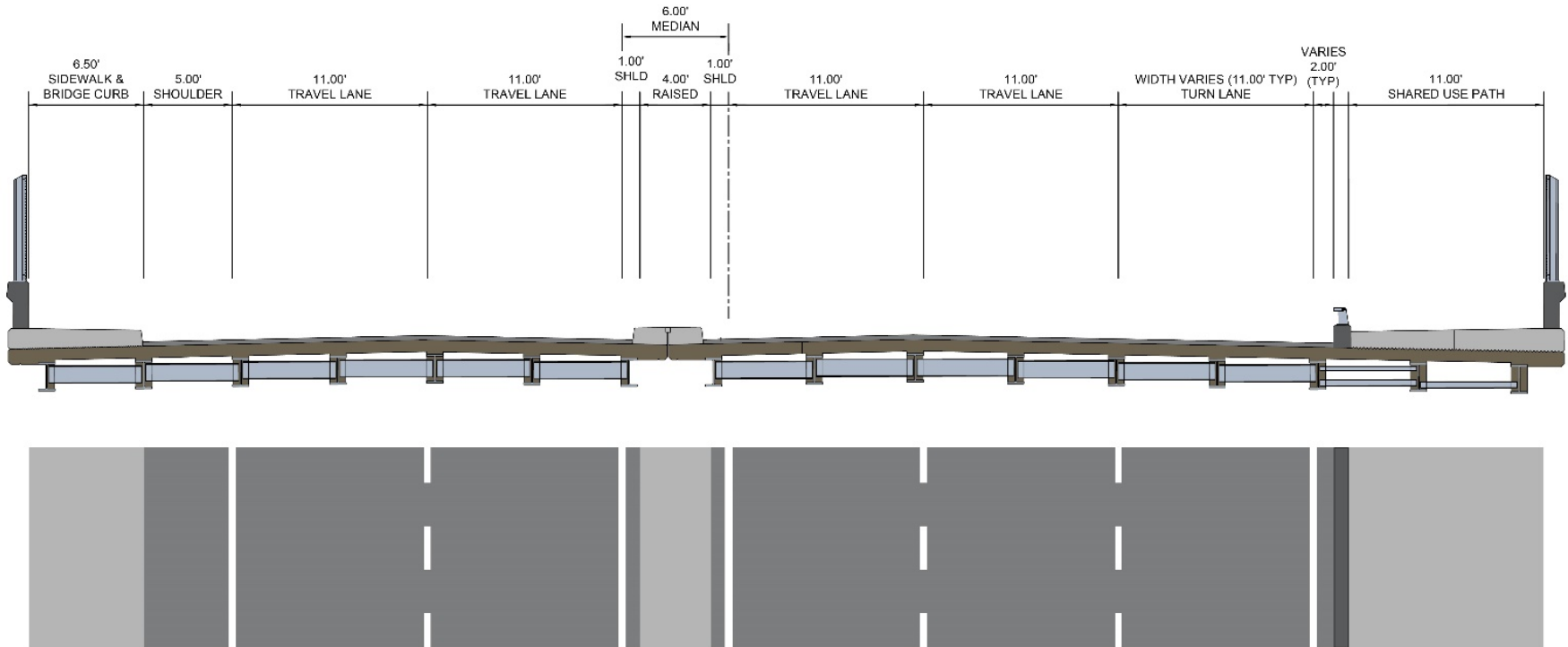
16



- Complete Bridge Replacement of F-04-017
- Wider footprint
- Boulder Drive shifted

Water Street over Boulder Drive (cont.)

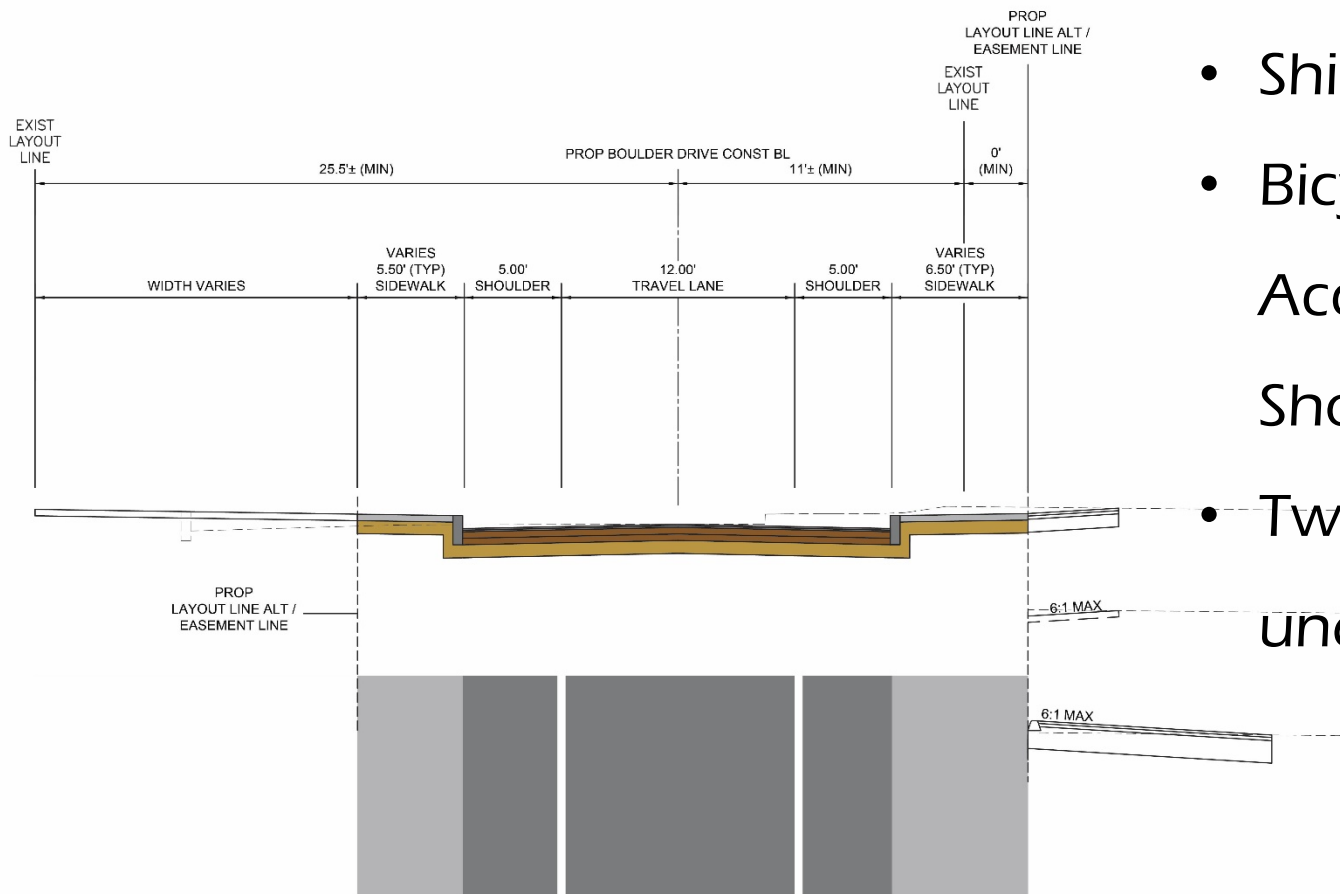
17



- Bicycle accommodating shoulders
- Shared Use Path

Boulder Drive

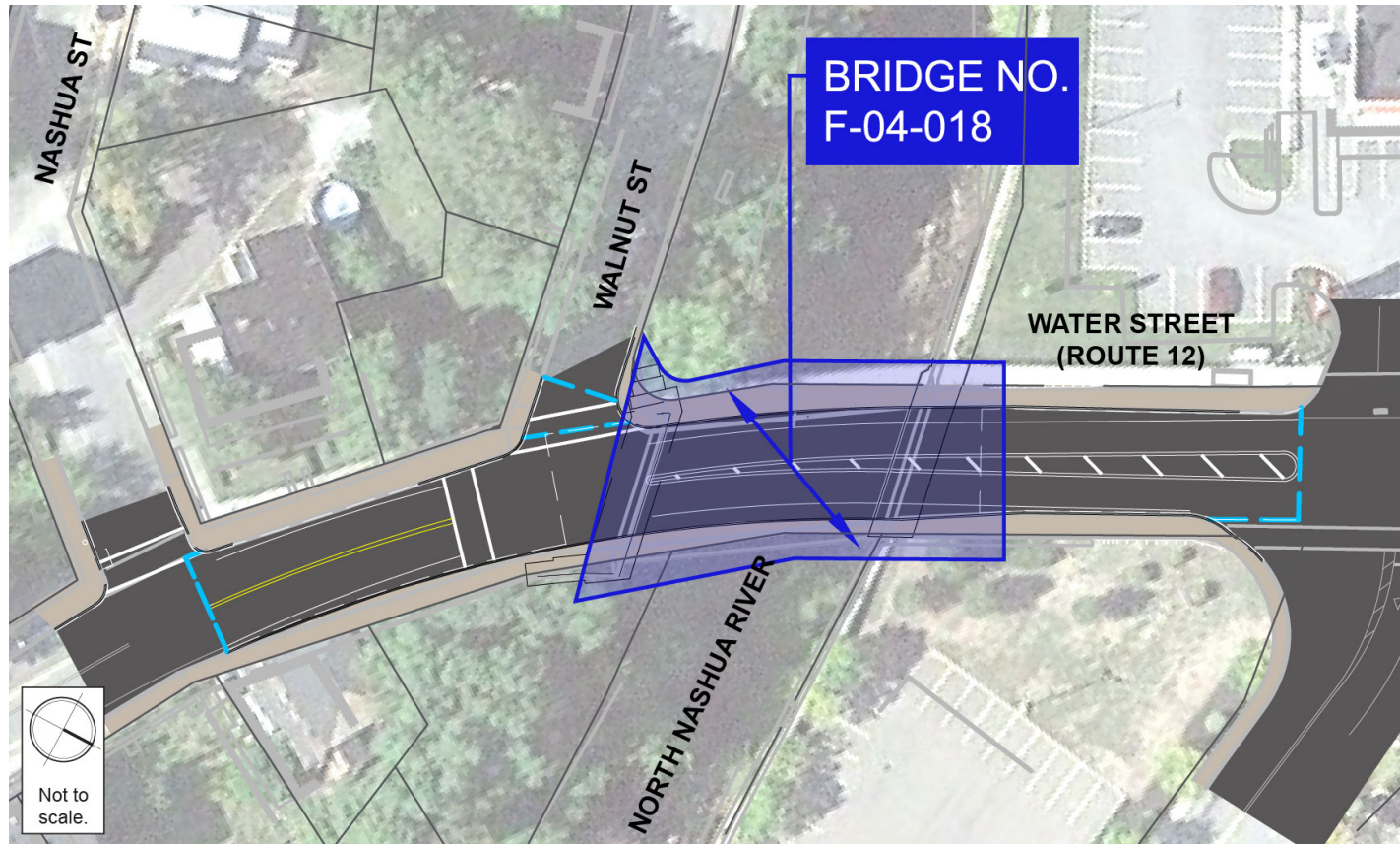
18



- Shifting Roadway
- Bicycle Accommodating Shoulders
- Two-way street under discussion

Water Street over Nashua River

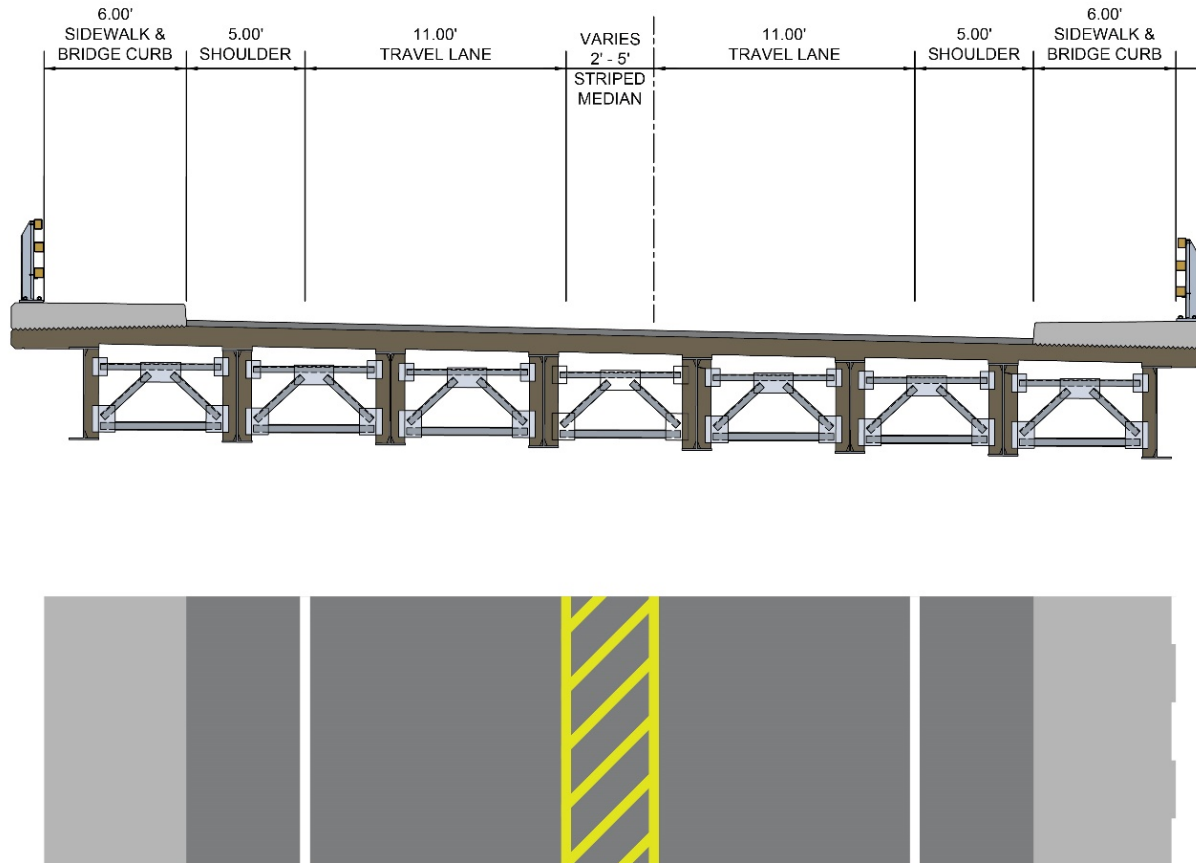
19



- Superstructure replacement
 - Beams, deck
- Wider footprint

Water Street over Nashua River (cont.)

20



- Shared use passage East side (Water Street over Boulder Drive)
- Curb ramp improvements
- Sidewalk improvements
- Definition of lanes with striping
- Wider shoulders
- Under bridge lighting (Water Street over Boulder Drive)



Aesthetics (cont.)

23



Construction Phases and Impacts

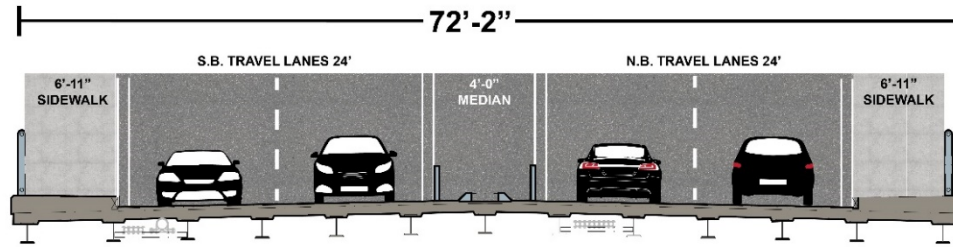
24

- Modest Right-of-Way impacts to south side of Boulder Driver and Heritage Park
- Water Street Bridge over Boulder Drive
 - Staged construction
 - Lane shift
 - One travel lane southbound, two travel lanes northbound
 - Pedestrian access maintained
- Water Street Bridge over Nashua River
 - Staged construction
 - One-way alternating traffic, with temporary traffic signal
 - Pedestrian access maintained

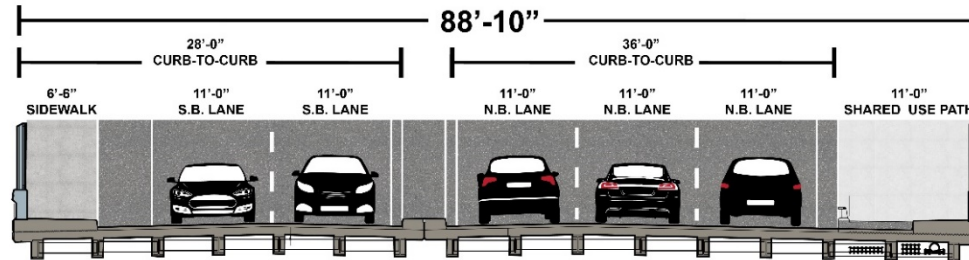
Water Street Over Boulder Dr. Staging

25

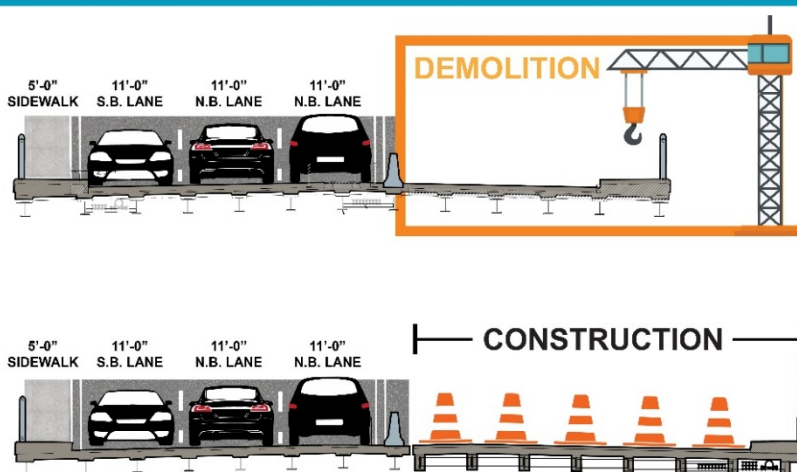
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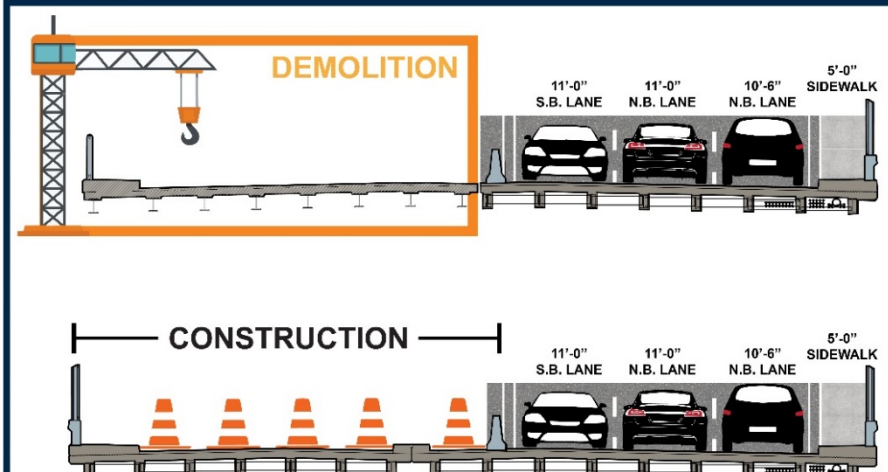
PROPOSED



STAGE 1



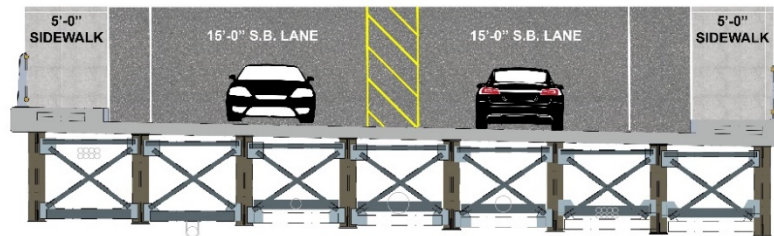
STAGE 2



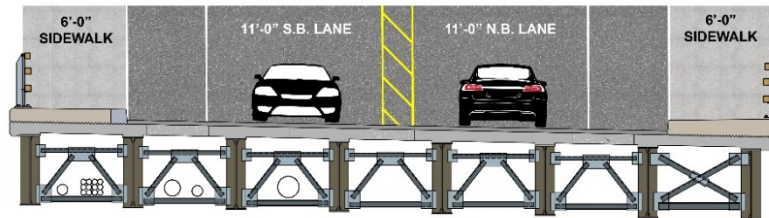
Water Street Over Nashua River Staging

26

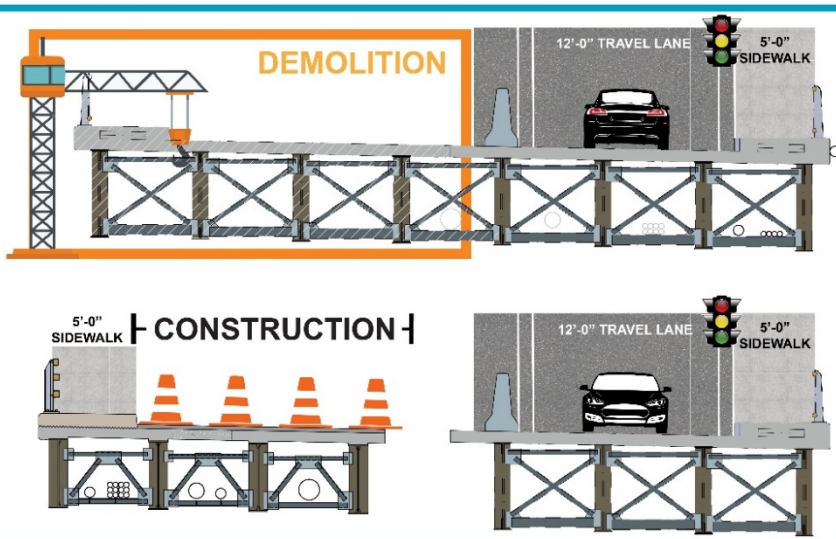
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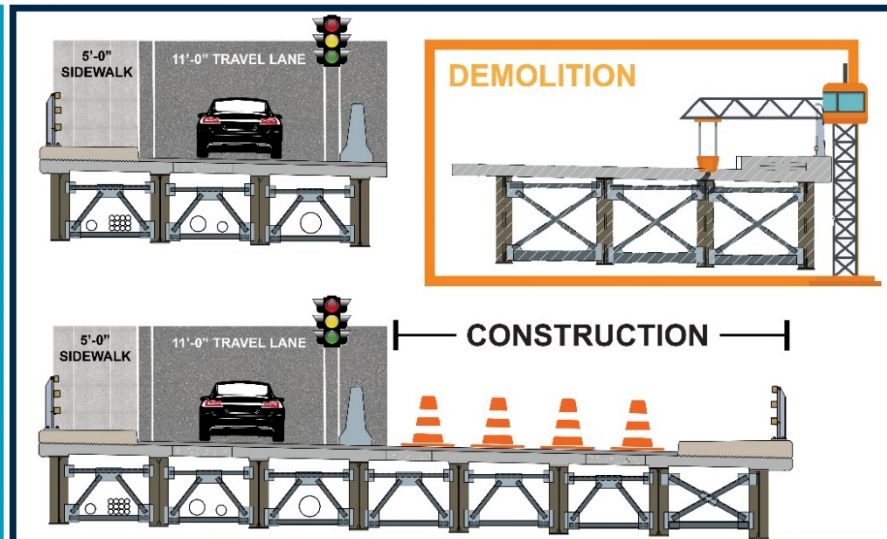
PROPOSED



STAGE 1



STAGE 2



Project Schedule

27

25% Design Submittal
April 4, 2020

Design Public Hearing
Fall/Winter 2020



Public Information
Meeting
September 22, 2020

Permitting/ROW
2022

Advertisement
2023

Construction Complete
2026



Construction Starts
2024

Thank You!

28

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Visit the project website for more information on the project, impacts, and how to get involved and stay informed:

<https://www.mass.gov/fitchburg-water-street-bridges-replacement-project>
fitchburgbridges@dot.state.ma.us