



## **Natick: Spring Street over MBTA, Proposed Bridge Replacement**

*Thank you for joining us.*

*This meeting will begin shortly.*







# Natick: Spring Street over MBTA

## *Proposed Bridge Replacement*

Virtual Design Public Hearing

6:30 PM to 7:30 PM, March 14, 2024

Project File No. 610869





# Zoom Hearing Controls



- If you are unable to access the internet or are having technical problems, please call into the meeting at +1 646 931 3860 Webinar ID: 822 9088 1200



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



Live Transcript

Leave

# Public Hearing Notes and Procedures

## Public record

- While this virtual public hearing is not being recorded by zoom, 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.

**All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.**



# Agenda

- Why was this project initiated?
- What do we want to accomplish?
- What alternatives were considered?
- What is the preferred alternative?
- How will your property be impacted?
- How will bicyclists and pedestrians be impacted?
- What are the environmental, cultural resource, and community impacts?
- Questions and answers



# Presentation Participants

- **MassDOT**
  - William Brown (Project Manager)
  - Craig Sheehan (ROW Agent)
  - Dimitrios Makos (District 3)
  - Leah Grodstein and Adetoyin Olaoye (Producer)
- **WSP (Designer)**
  - Geoffrey McGuirk (Design Engineer)
- **Natick Town Officials**
  - Amanda Loomis (Community & Economic Development)

- **Stenographer**
  - Melissa Lupo



## Public Advertisement

- MetroWest Daily News - February 29<sup>th</sup> and March 7<sup>th</sup>, 2024
- Wicked Local - February 29<sup>th</sup> and March 7<sup>th</sup>, 2024

METROWEST  
DAILY NEWS

WICKEDLOCAL.com

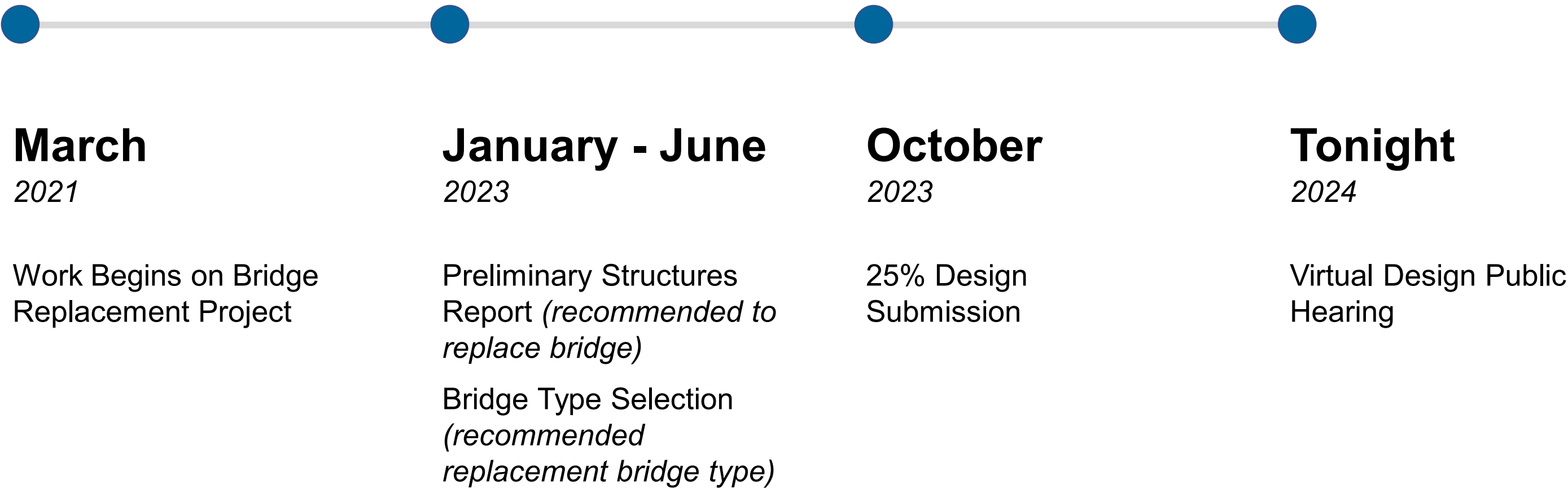


*Decorative*



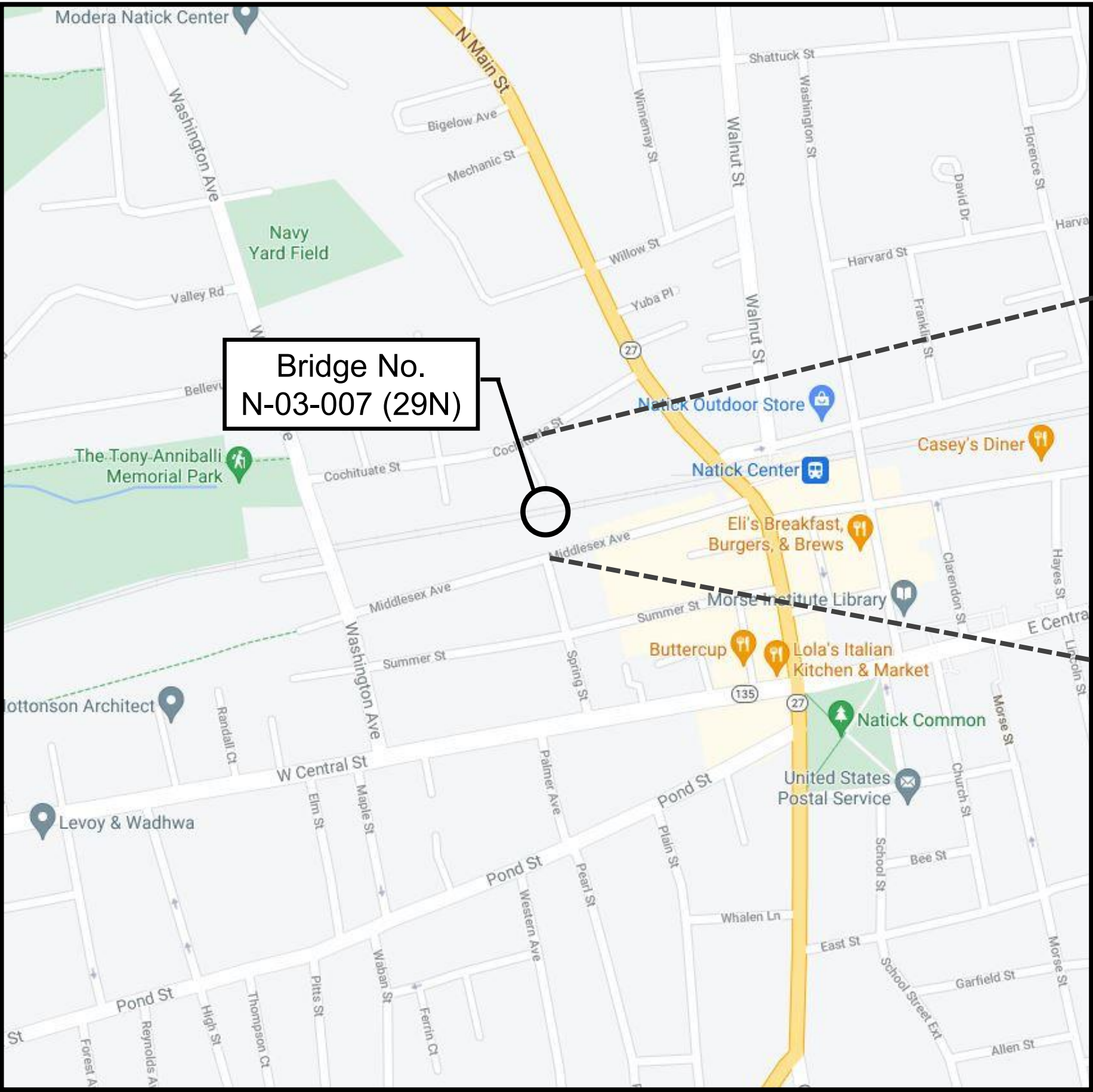


# How did we get here?





Project Location







**Why was this  
project  
initiated?**



## Existing Issues

- Bridge built around 1900 and closed to vehicular traffic in 1998, due to structural deterioration.
- Limited bicycle/pedestrian accommodation along approaches.
- Substandard vertical clearance over MBTA tracks.





## Top of Deck • Deteriorated Superstructure



## Underside • Deteriorated Superstructure





**North Approach** • Poor pedestrian accommodation



**South Approach** • Poor pedestrian accommodation



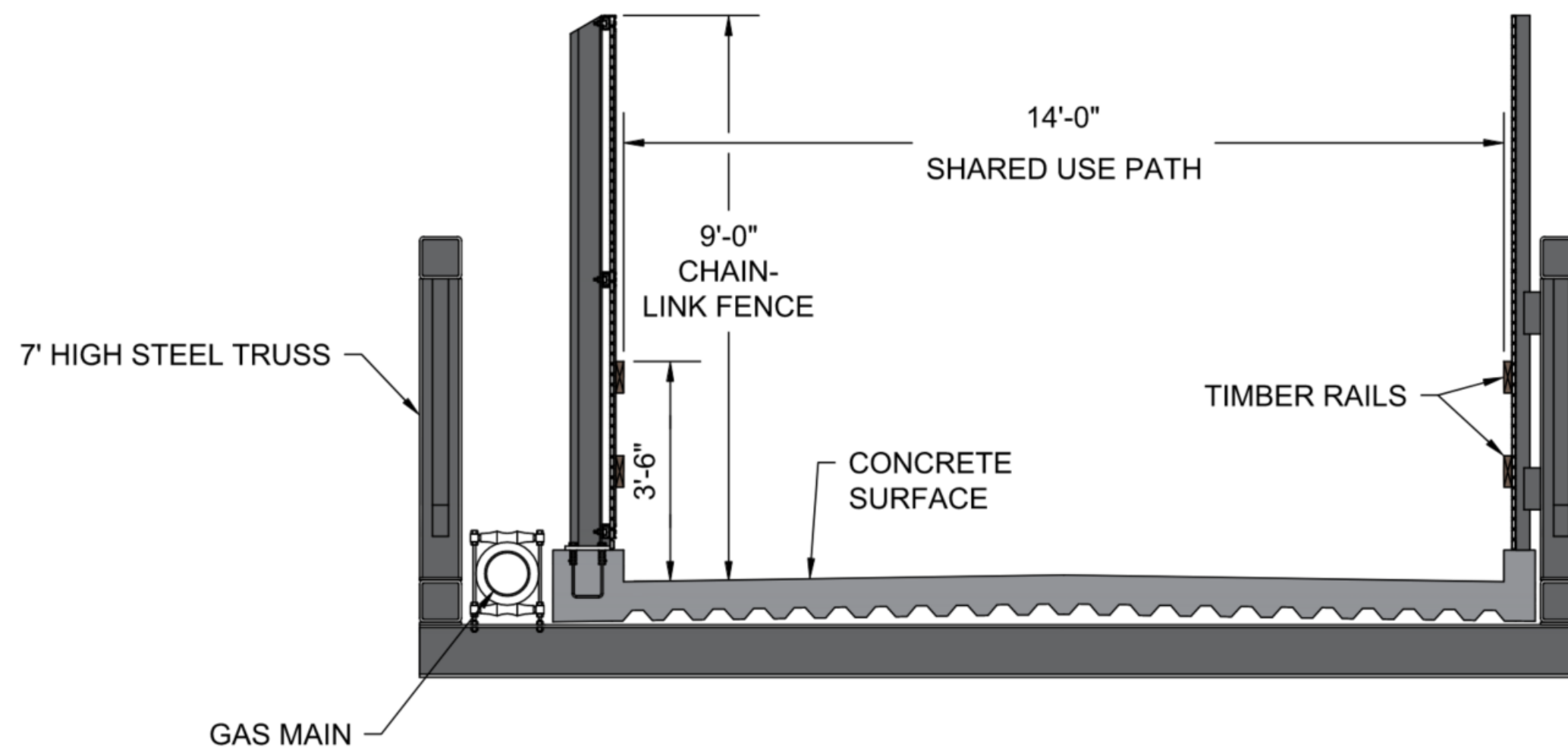


Elevation

- Substandard vertical clearance over MBTA tracks







**What do we  
want to  
accomplish?**



## Project Goals

- Replace Structurally Deficient Bridge
- Improve Limited Pedestrian / Bike Accommodation
- Increase Substandard Clearance over MBTA Tracks





## Project Cost and Funding

- We estimate the total construction cost is approximately \$2.6 million which will come from:
  - Non-Federally Aided – District Maintenance funds.







**What  
alternatives  
were  
considered?**



## Alternatives Considered

- Alternative 1: No Build
- Alternative 2: Repair Existing Bridge
- Alternative 3: Demolition Only
- Alternative 4: Replace with Pedestrian Bridge  
(Preferred)





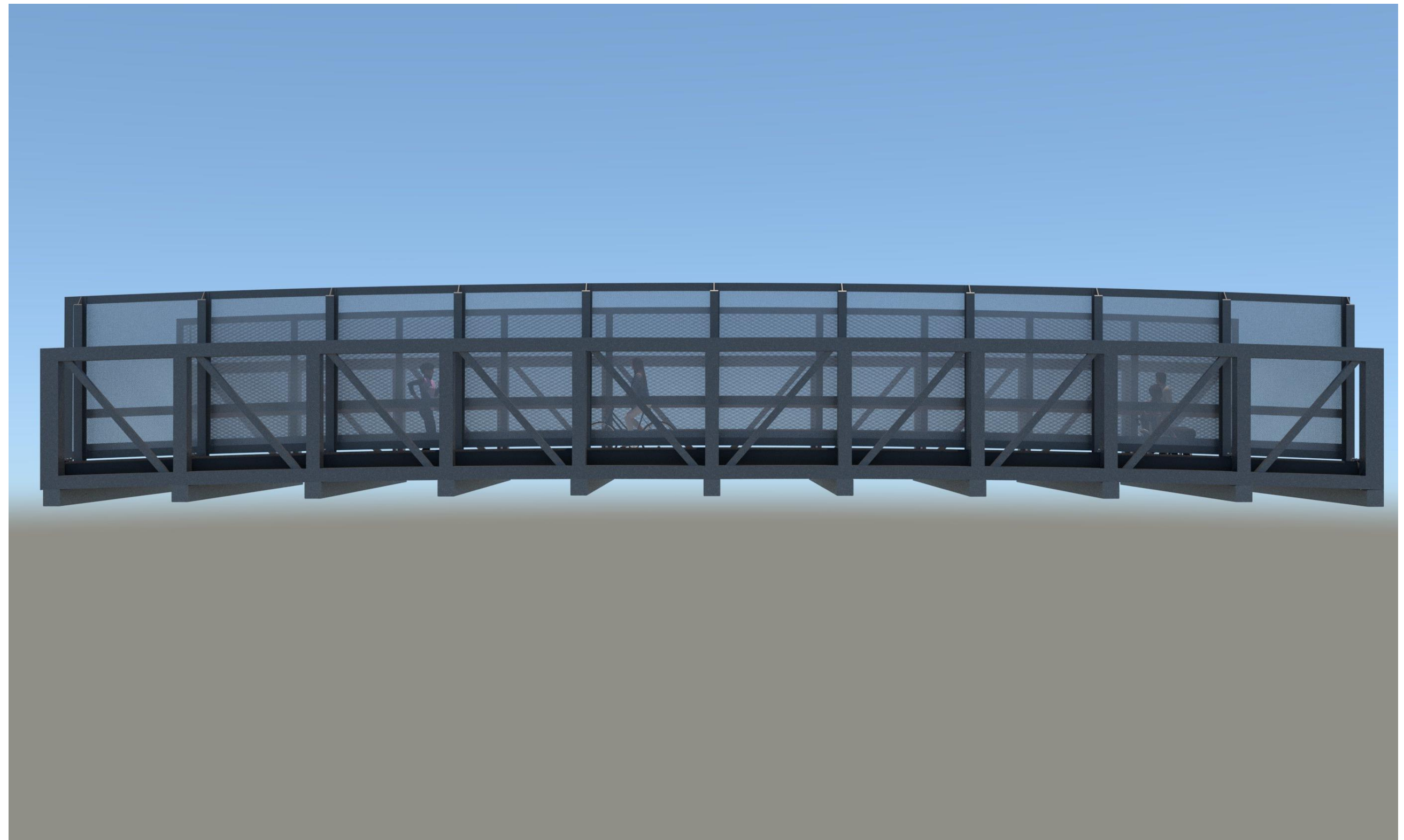


**What is the  
preferred  
alternative?**



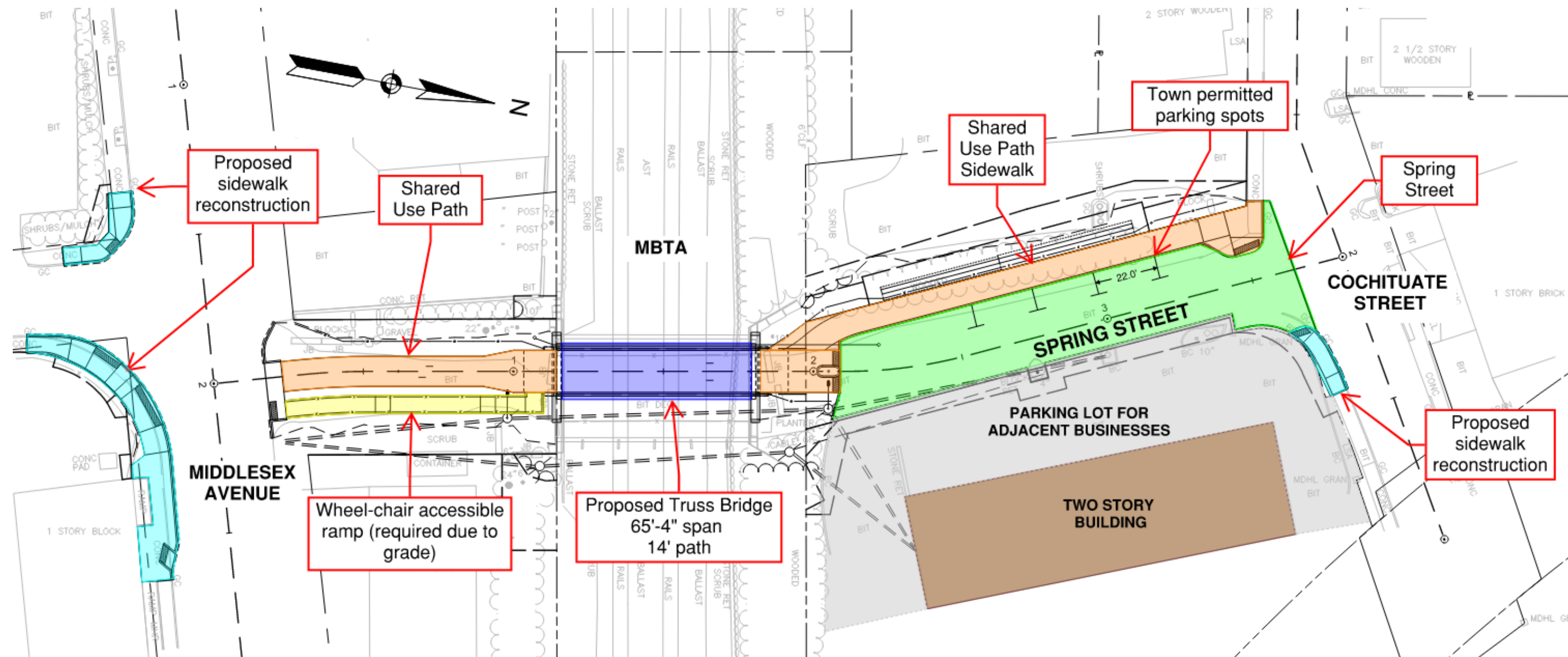
## Preferred Alternative – Satisfies Project Goals








- Remove existing bridge and install prefabricated steel truss.
- Reuse existing granite block abutments.
- Add cast-in-place concrete cap to the abutments to accommodate the proposed superstructure.





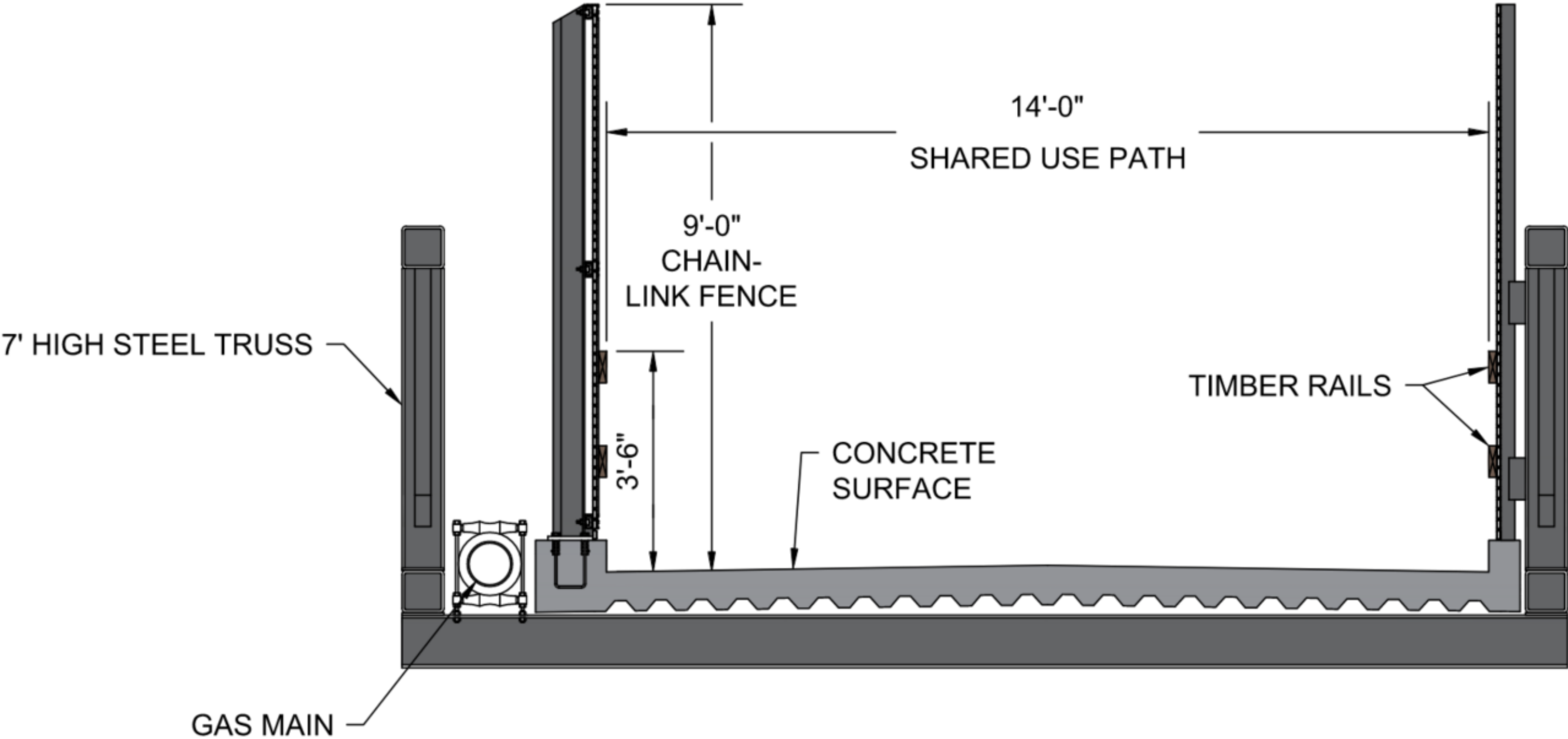
# Proposed Design *(Based on 25% Submission)*



-  = Proposed Sidewalk  
 = Shared Use Path  
 = Wheel-Chair Ramp
-  = Proposed Bridge  
 = Spring Street (North Approach)  
 = Parking Lot (No Work)  
 = Two Story Building

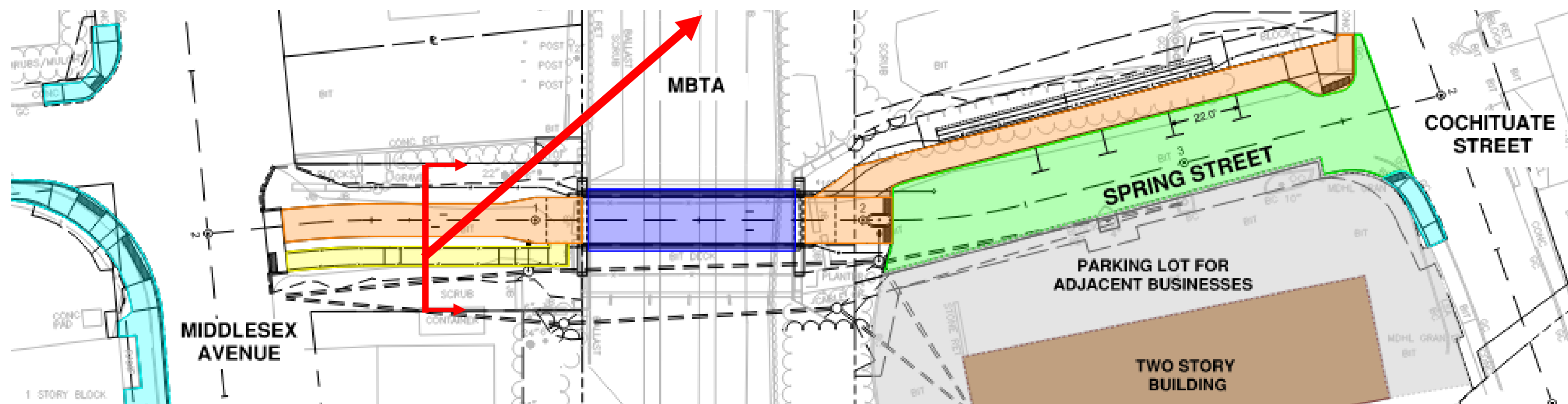
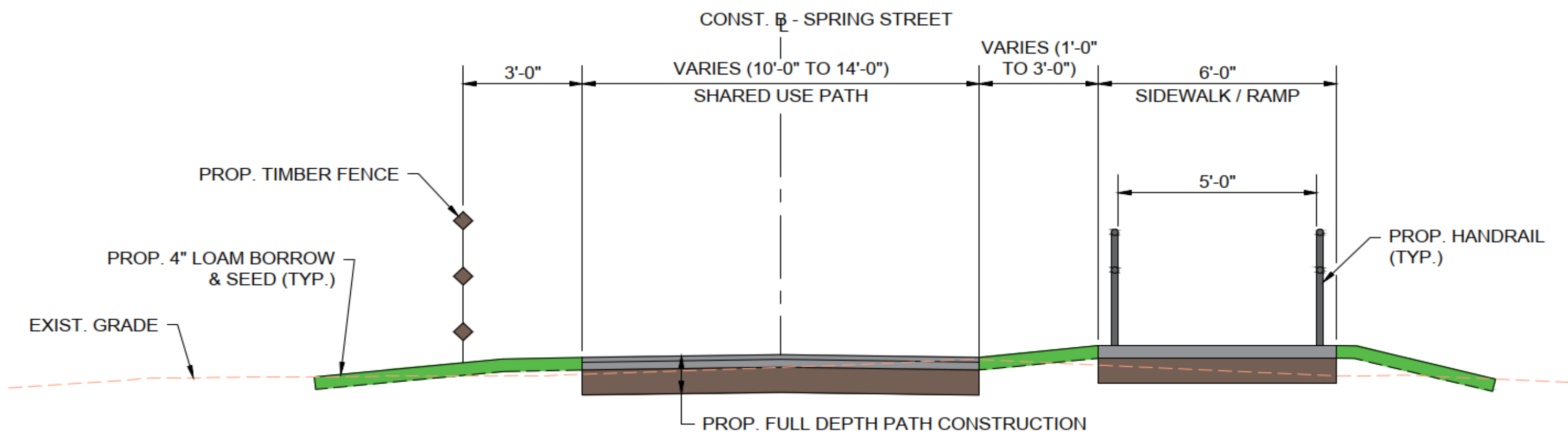


# Proposed Bridge Cross Section



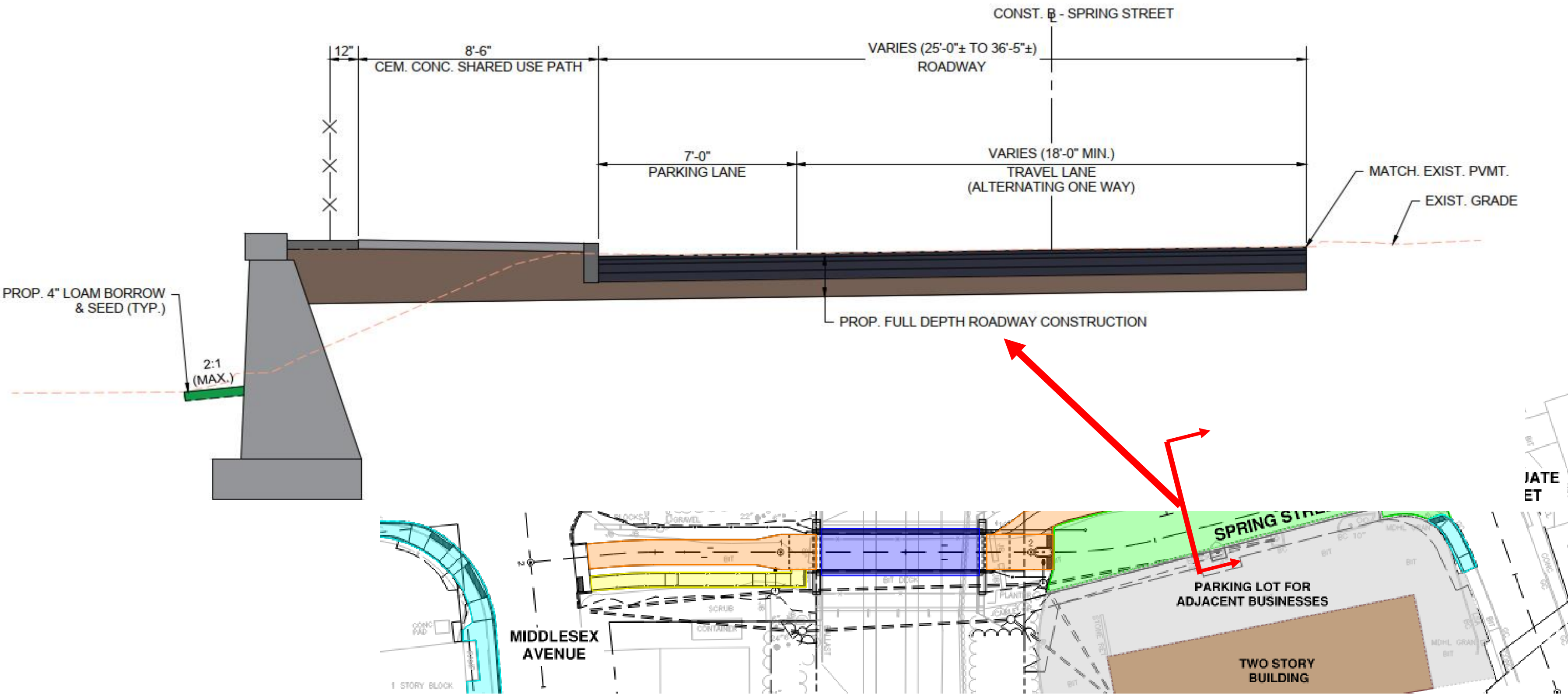


# Proposed Spring Street, South Approach





# Proposed Spring Street, North Approach





## Proposed Construction Approach:

- Bridge closed during construction to all pedestrian and vehicular traffic. 1-year closure starting in 2025 is anticipated.
- Re-use existing abutments.
- Concrete caps cast on top of the abutments to accommodate the proposed superstructure.
- Install prefabricated bridge. Assemble truss on-site.
- Minimal disruption to MBTA operations. Work on or over the rail will take place on nights or weekends.







**How will your  
property be  
impacted?**



## Preliminary Right of Way (ROW) discussion 25% Design Public Hearing

- Town of Natick and MassDOT are responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
  - Fee takings, permanent easements and/or temporary construction easements may be required.
- Affected property owners will be contacted by personnel from the Town of Natick, MassDOT ROW Bureau or WSP.
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings will be available at the Natick Town Hall for public review and comment.

**At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.**



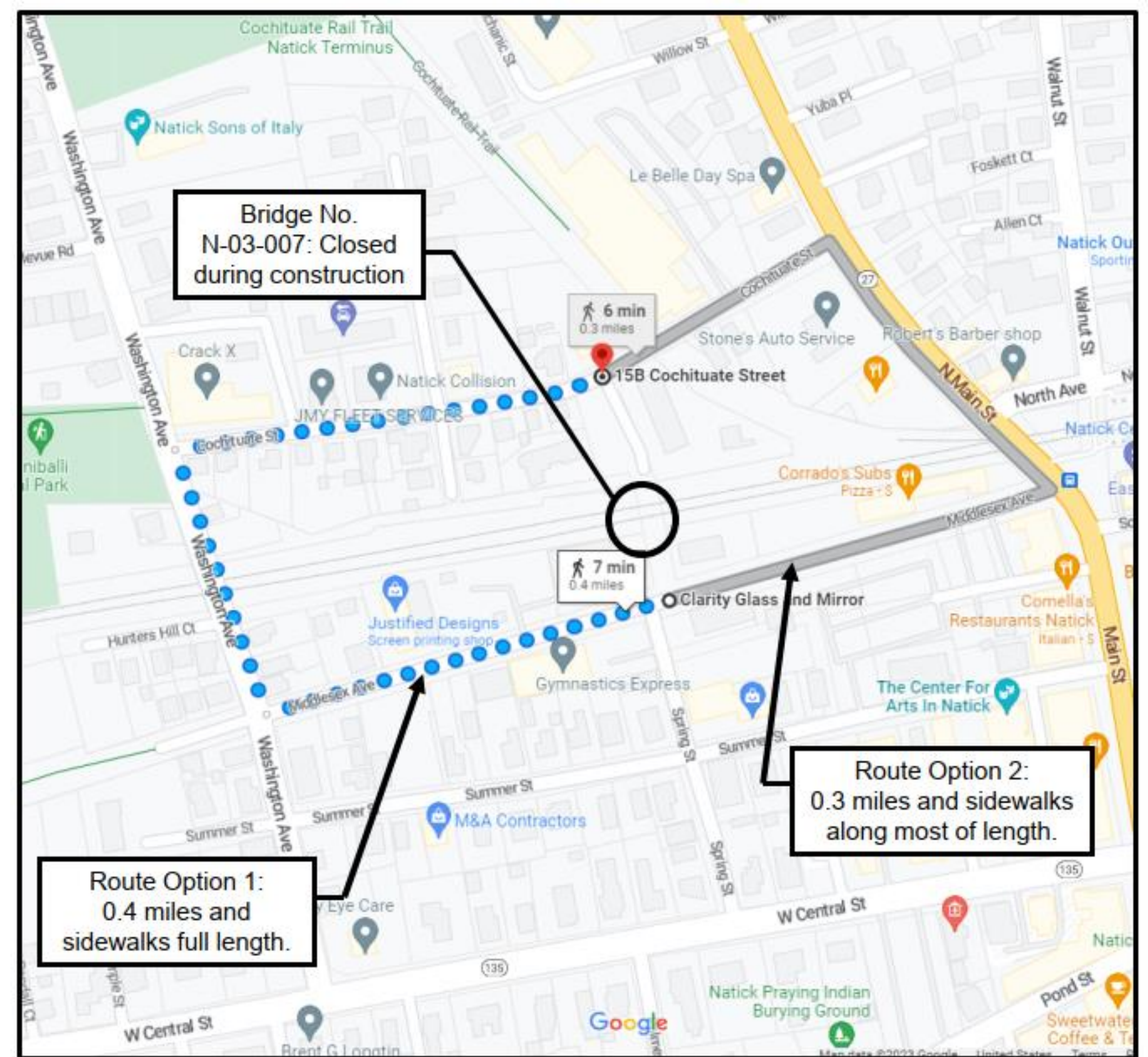


How will  
bicyclists and  
pedestrians  
be impacted?

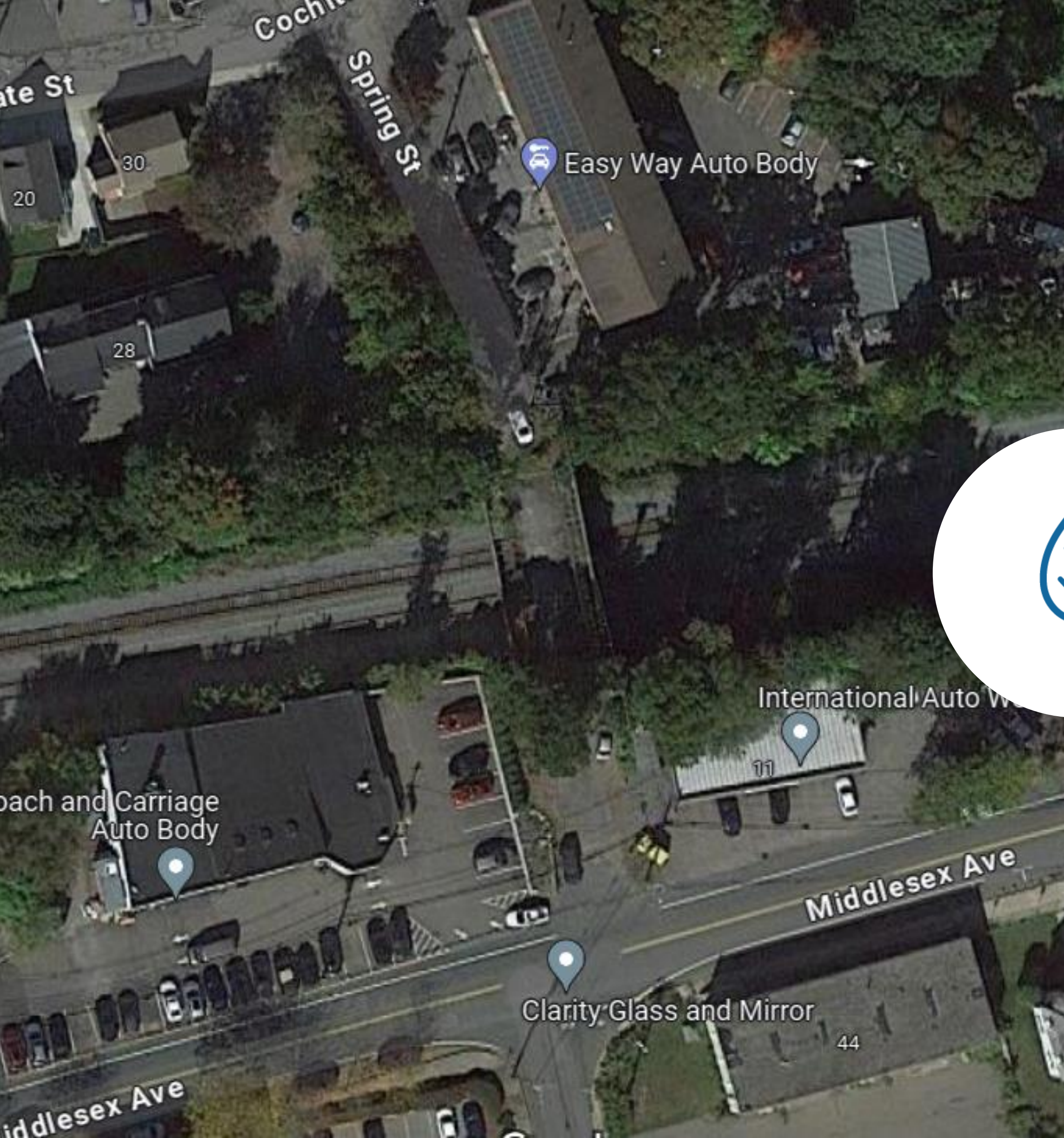


## Pedestrian Detour

- Bridge closed to all traffic during construction.
- Reopen bridge to bicycles and pedestrians at end of bridge construction period.
- Two detour options are shown which are 0.3 and 0.4 miles long.







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



## Environmental Permitting

- Not federally funded, therefore no NEPA or MEPA filing (environmental regulations).
- No wetland resource areas (rivers/streams) within the project limits.
- Section 106 (historical regulation) review not required.





# Our next steps



Virtual Design Public  
Hearing - ***Tonight***



75% Submission  
(Spring 2024)



Right of Way  
Acquisitions  
(MassDOT & Town of  
Natick)



100% PS&E  
(Summer 2024)



Project  
Advertisement  
(Fall 2024)



## How to reach us

- Submit email comments to:  
MassDOTProjectManagement@dot.state.ma.us
- For project information visit the MassDOT Upcoming Events for Highway Division web site at <http://www.mass.gov/orgs/highway-division/events> or used the QR Code:
- Submit written comments to:  
Carrie Lavalley, P.E., Chief Engineer  
MassDOT  
10 Park Plaza  
Boston, MA 02116  
Attention: Project Management, Project File No. 610869







# Questions and answers



## Questions and answers



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



- Submit your questions and comments using the Q&A button



- 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.**





# ***Thank You***

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