



Rourke Bridge Replacement Project: Design Public Hearing

Thank you for joining us.

This meeting will begin shortly.



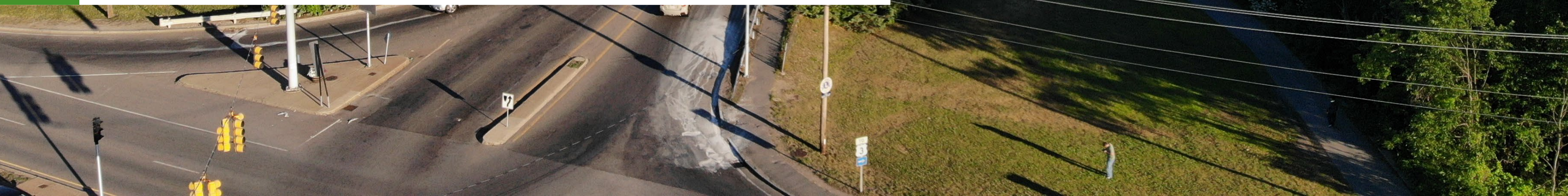


Rourke Bridge Replacement Project

Design Public Hearing

Wednesday, December 06, 2023 | 6:00 – 8:00 PM

Project File No. 607887



Zoom webinar controls



- Listen in [Spanish, Portuguese, and Khmer]



- 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 +1 (646) 931-3860;
Webinar ID: 861 9430 0945



Live Transcript

- Closed captioning generated in real time by CART captioner



- 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

Leave

Public meeting notes and procedures

Notification of Recording

- This virtual public hearing will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or transcript. All parts of this hearing are considered public record.
- By continuing attendance with this virtual public hearing, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please turn off your camera, and keep your microphone muted, or excuse yourself from the hearing.

Other Important Notes

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

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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.

Thank You for Your Support

Public Notice Published:
The Lowell Sun Newspaper

MassDOT Facebook and Twitter:

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 MassDOT



City / Town departments:
Council on Aging
Disability Commission

CITY *of* LOWELL



Thank You for Your Support

Lowell RMV Service Center
Northern Middlesex Council of Governments
Northeast Independent Living Center
Lowell Community Health Center
Pollard Memorial Library
Greater Lowell Chamber of Commerce
Rourke Working Group



Northern
Middlesex Council
of Governments



*Peer2Peer Resources for
People with Disabilities*



Presentation Participants

- **MassDOT Project Team:**
 - Joseph Breen, PE – Project Manager
 - Daniel Fleury, PE – District 4 Project Engineer
 - Chris Cassinello – MassDOT Right of Way
- **Design Consultant:**
 - Matthew D'Angelo, PE – Project Manager
 - Jonathan Kapust, PE – Highway Design
 - Shaun St. Hilaire, PE – Structural Design
- **Producer:**
 - Leah Grodstein – MassDOT VPI Team
 - Kit McLewee - MassDOT VPI Team

Language Translation Speakers

- **Spanish**
 - Emily Getchell
- **Portuguese**
 - Alcione Hall
- **Khmer**
 - Vesna Peter Loek
- **CART Captioning**
 - Heidi Thomas
- **ASL**
 - Catherine Donnalley and Jai Wexler
- **Stenographer**
 - Advanced Court Reporters, LLC



Agenda

1 Project Purpose and Need

- Project Location
- Existing Conditions
- Project Goal

2 Proposed Improvements

- Roadway Configuration
- Bicycle and Pedestrian Accommodations
- Bridge Replacement
- Bridge Aesthetics and Lighting
- Property Impacts
- Construction Approach

3 Cost and Schedule

4 Q & A Session

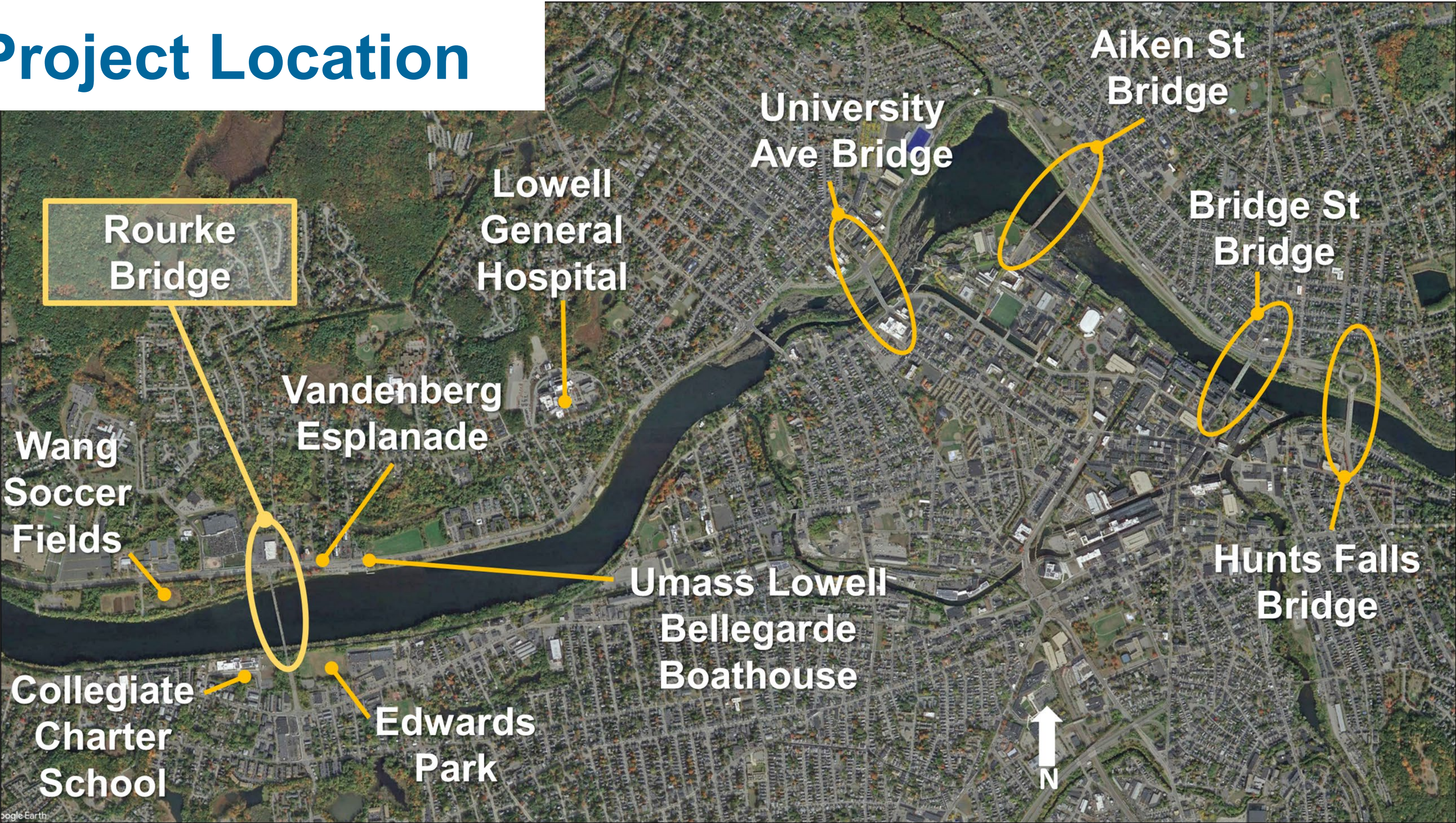
5 Meeting Adjourn





Project Purpose and Need

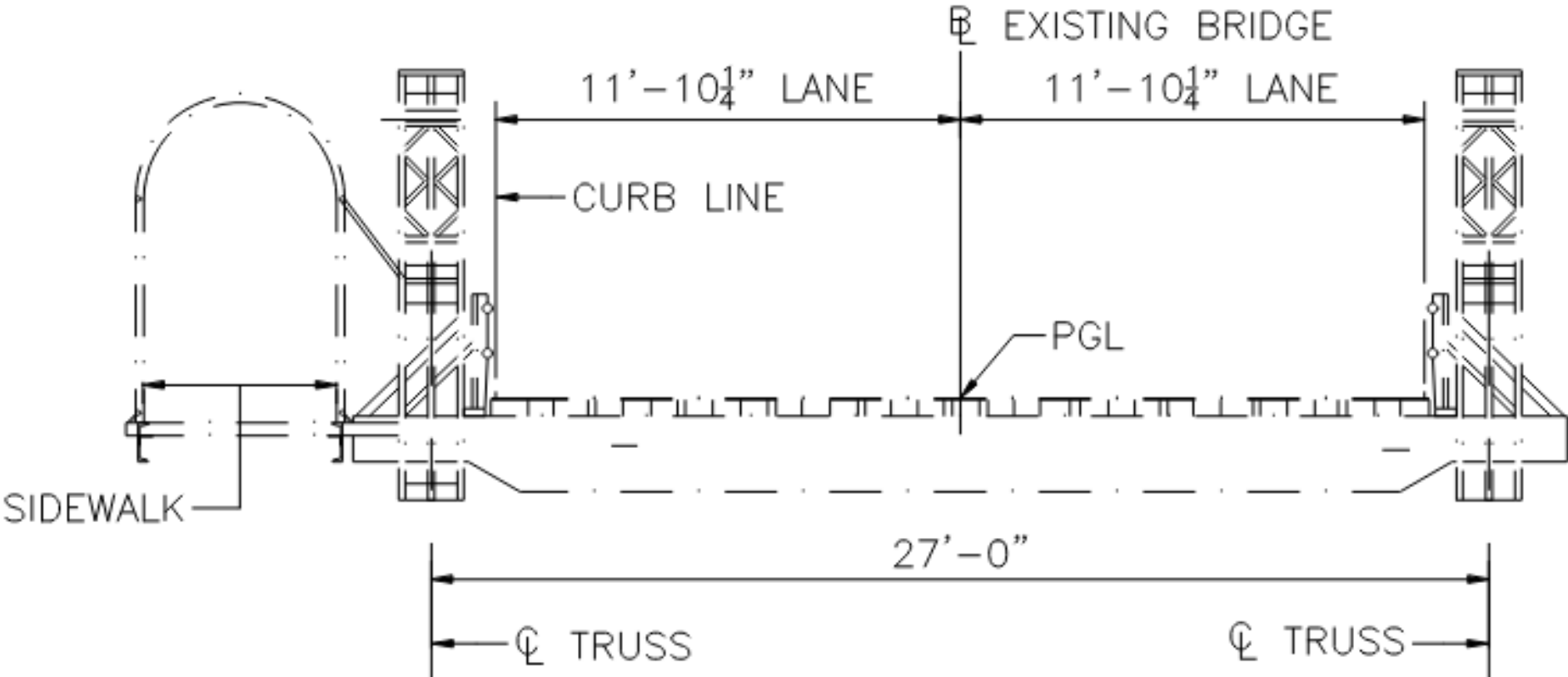
Project Location





**Why was this
project
initiated?**

Existing – Bridge Layout



Existing – Roadway Configuration



Pawtucket Blvd & Wood St



Middlesex St & Wood St



Existing – Site Considerations





**What do we
want to
accomplish?**

Project Goal



- Bridge Replacement



- Enhance safety and connectivity for Pedestrians, Bicycles, Emergency Vehicles and Watercraft

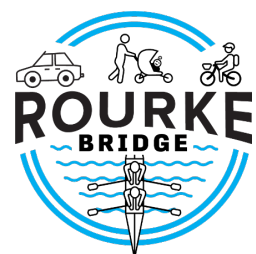


- Improve Traffic Operations at the Wood Street intersections with Pawtucket Boulevard, and Middlesex Street



Progress To-Date

- Finalized:
 - Roadway and bridge alignment
 - Bridge type and profile
 - Roadway configuration and cross-section
 - Bike and pedestrian path configuration
- 25% Design submission
- Procurement preparations



How did we get here?

Public Outreach Timeline:



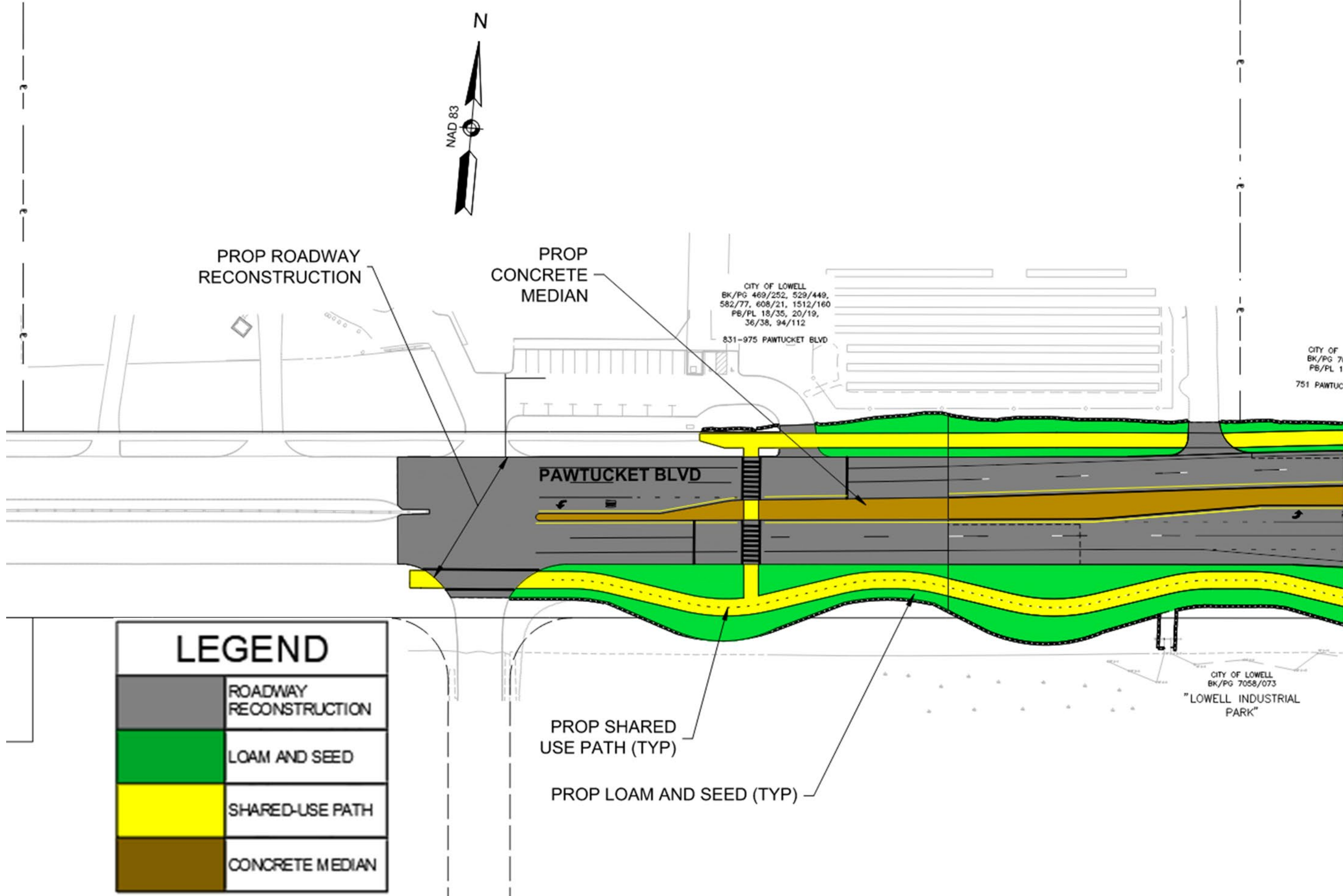


**How are we
accomplishing
the goals?**

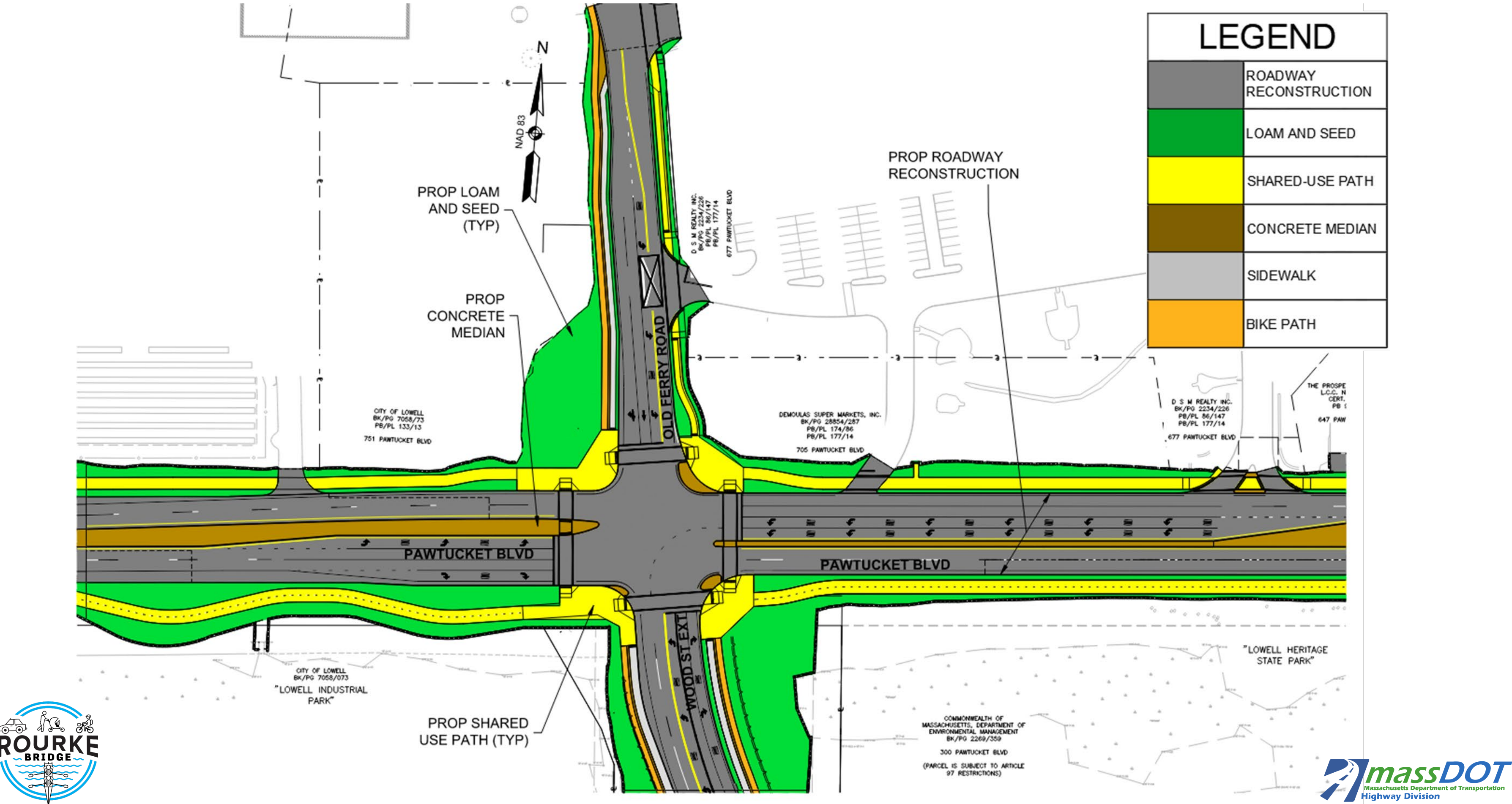
Roadway Configuration



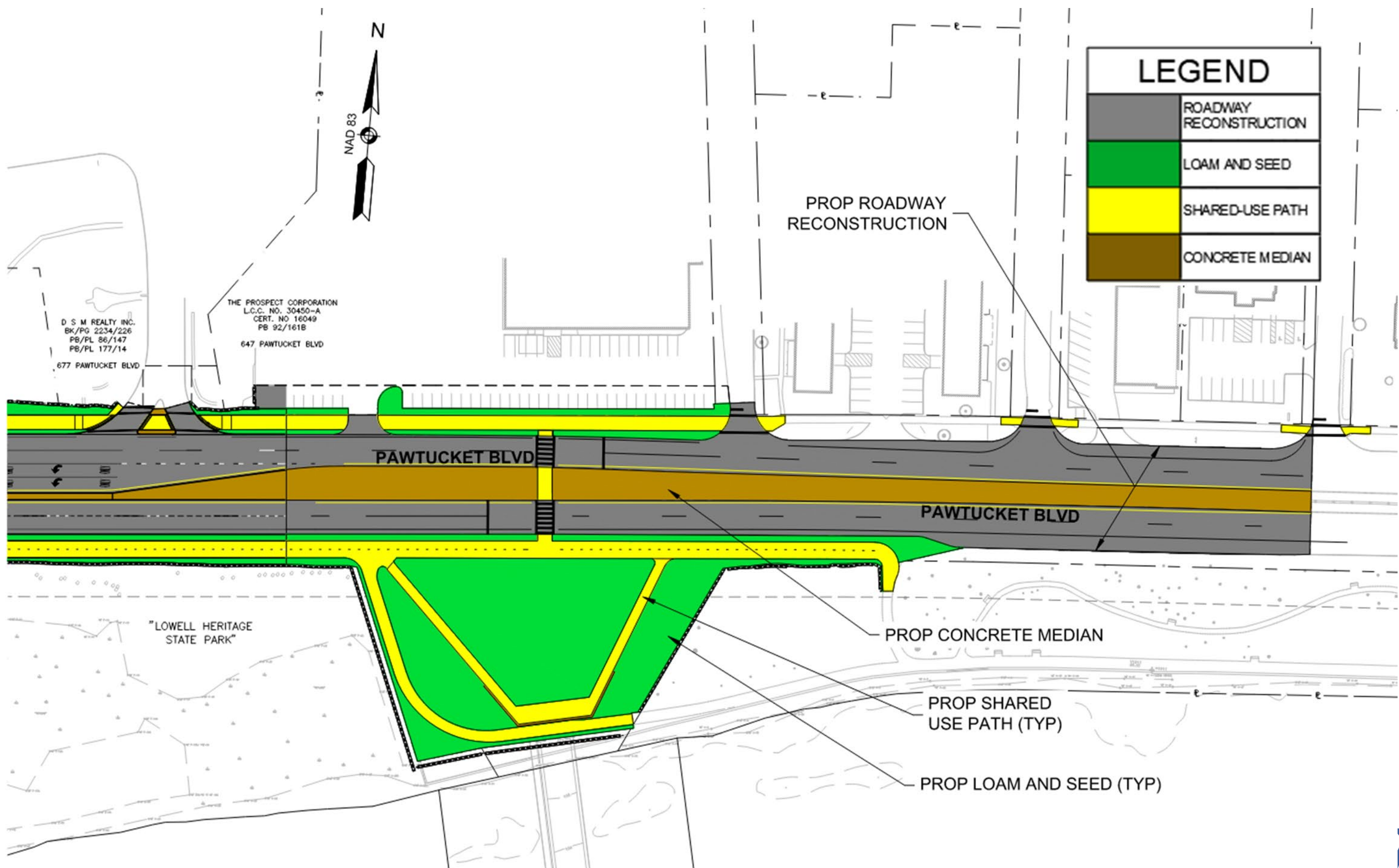
Roadway Configuration – Pawtucket Boulevard



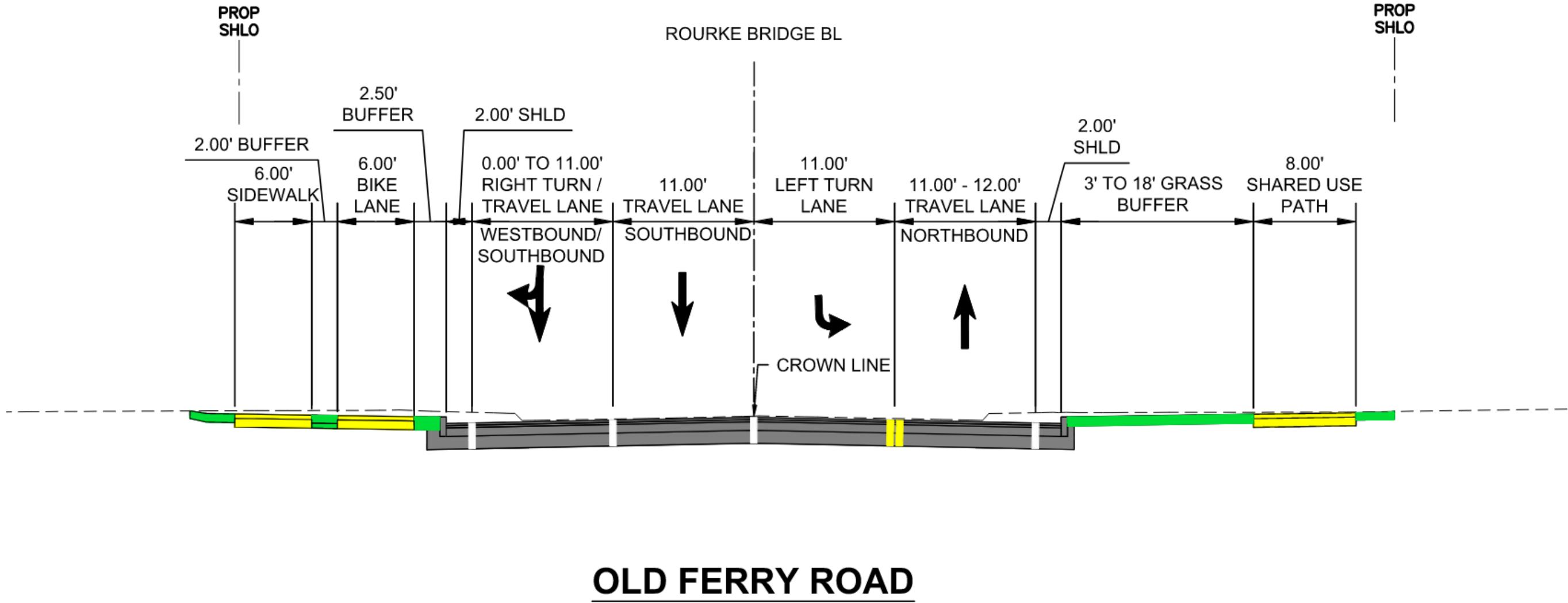
Roadway Configuration – Pawtucket Boulevard



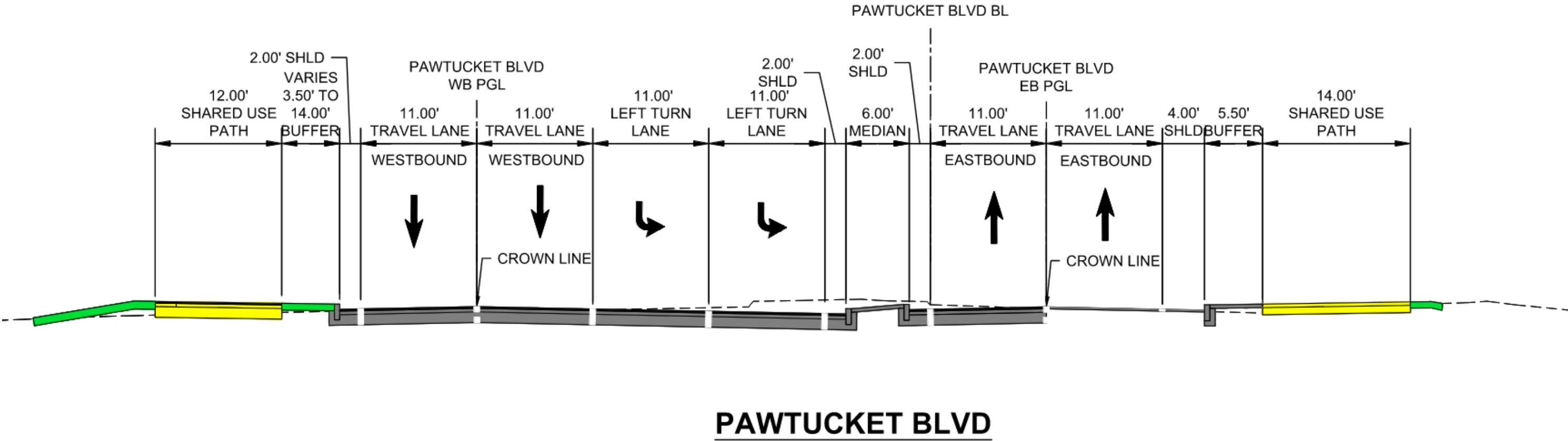
Roadway Configuration – Pawtucket Boulevard



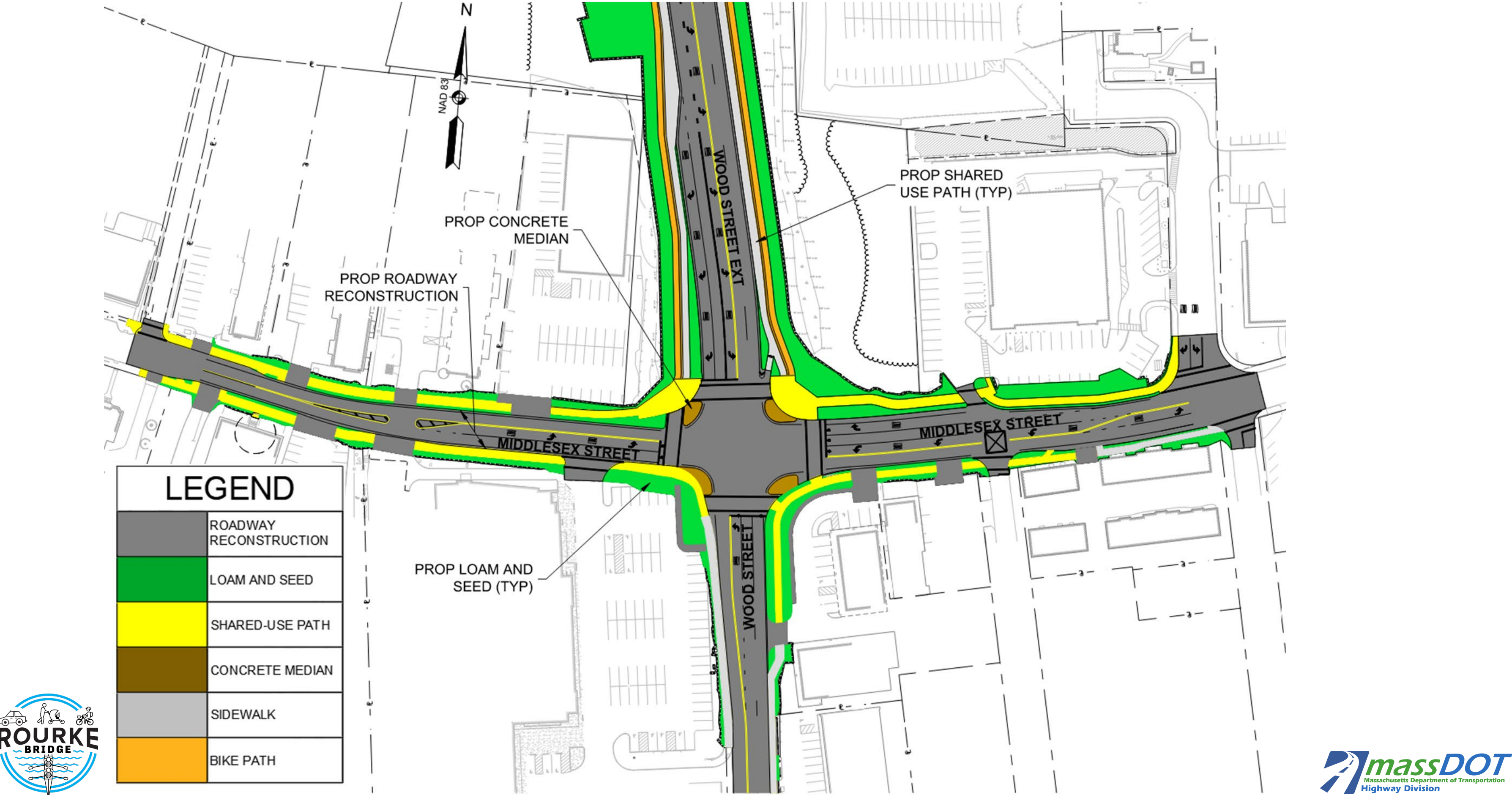
Roadway Configuration – Old Ferry Road



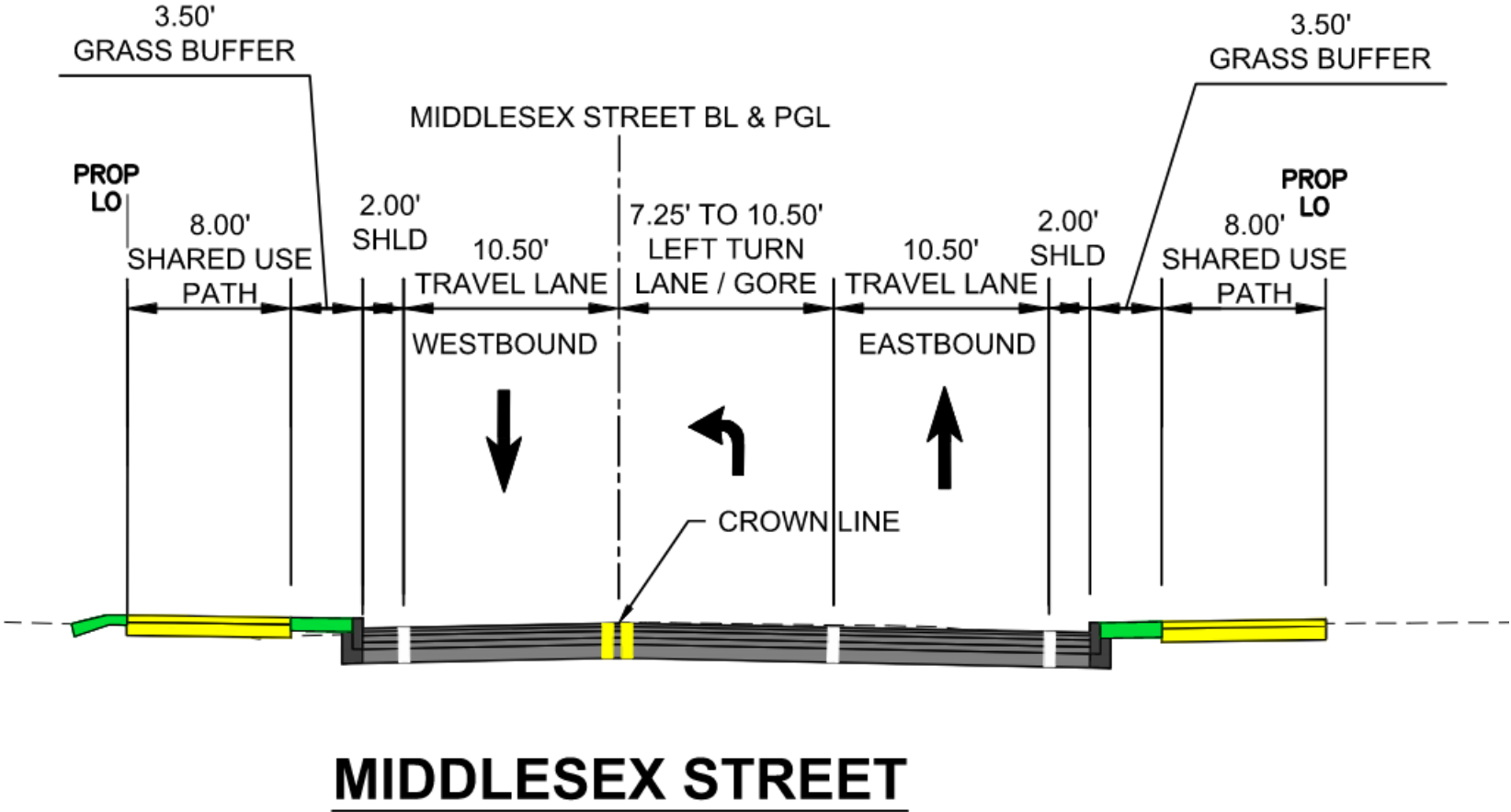
Roadway Configuration – Pawtucket Boulevard



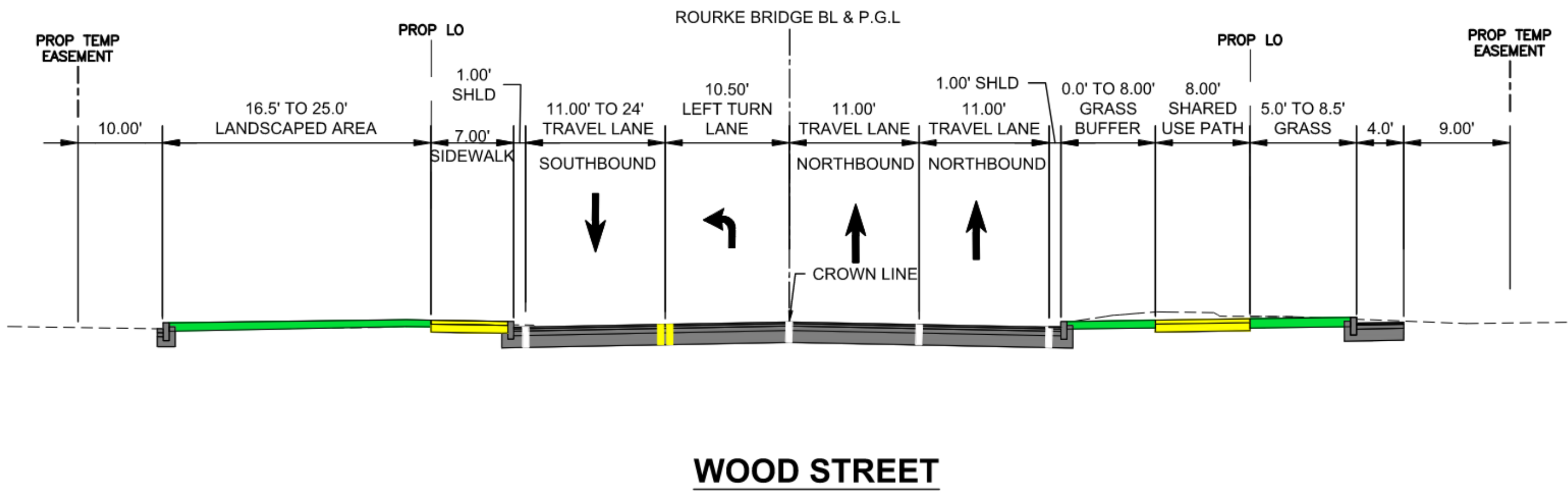
Roadway Configuration – Middlesex Street

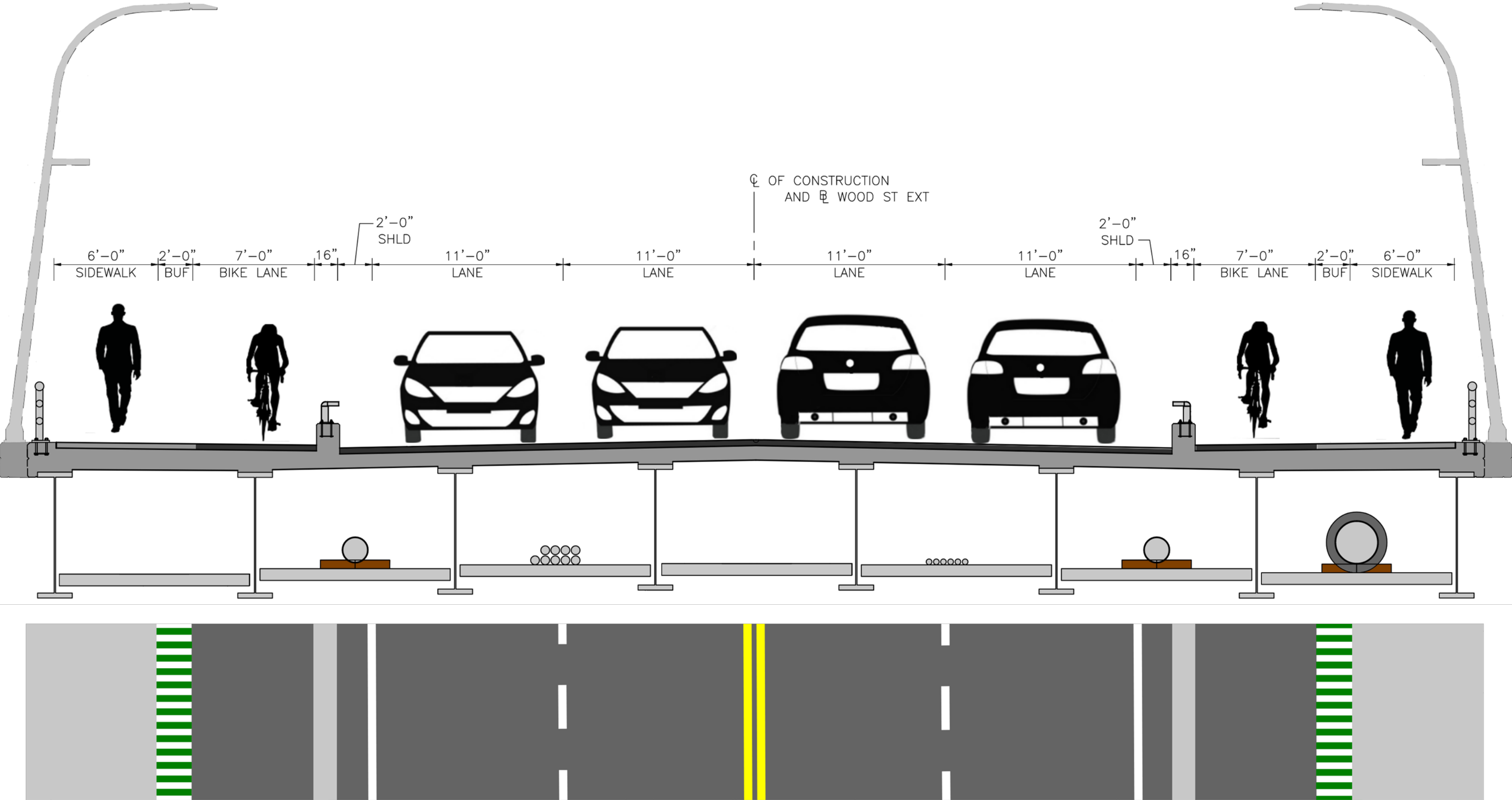


Roadway Configuration – Middlesex Street

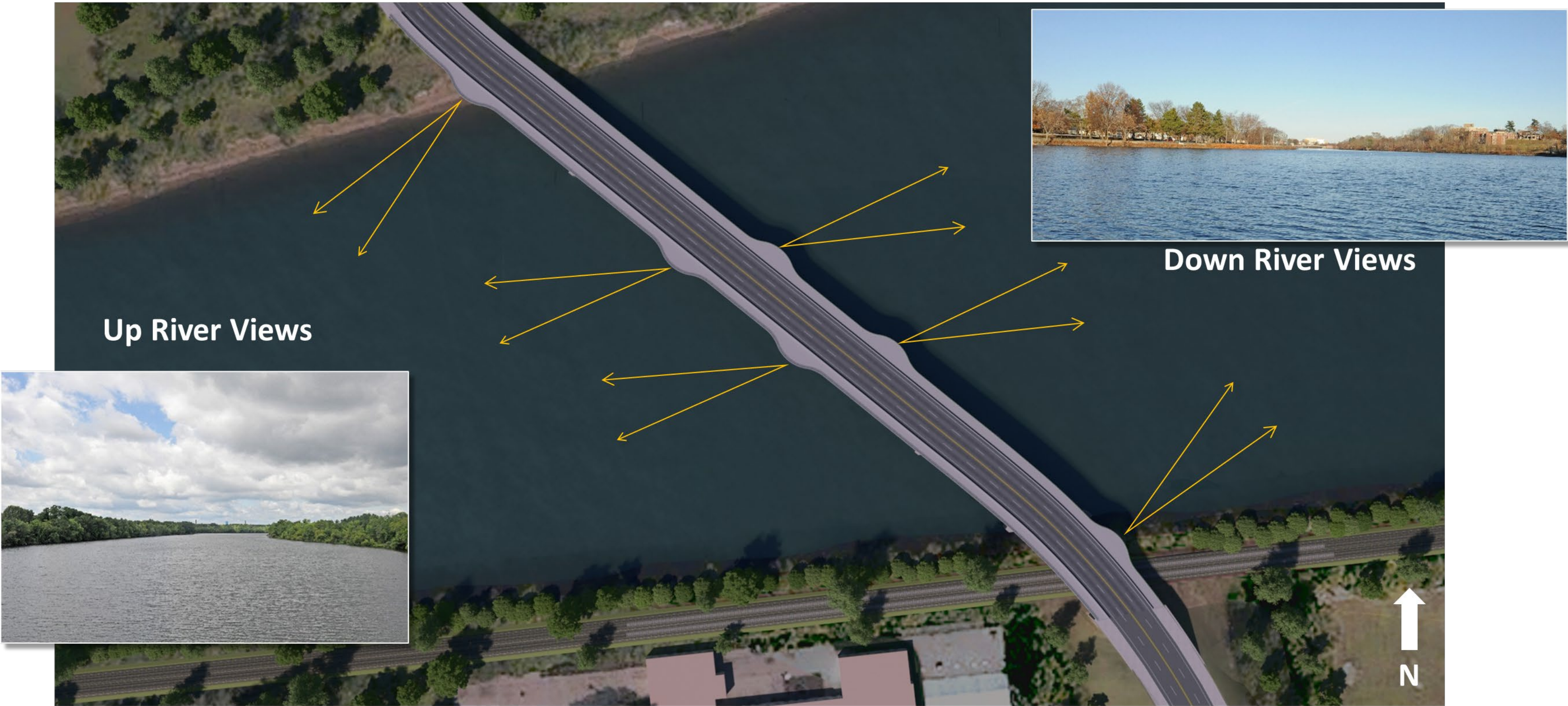


Roadway Configuration – Wood Street





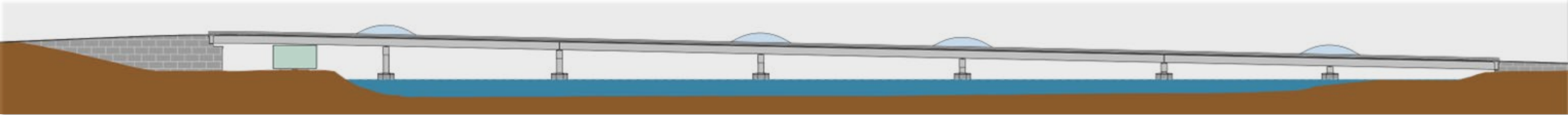
Bridge Replacement



Aerial View



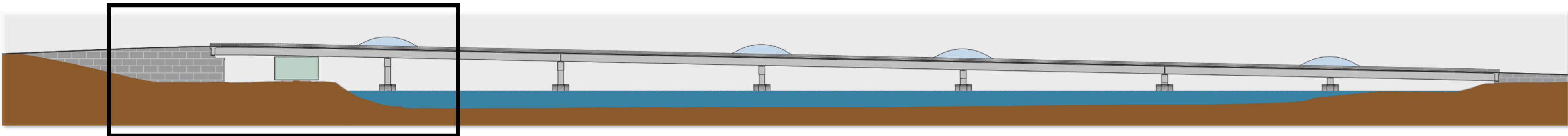
Bridge Replacement



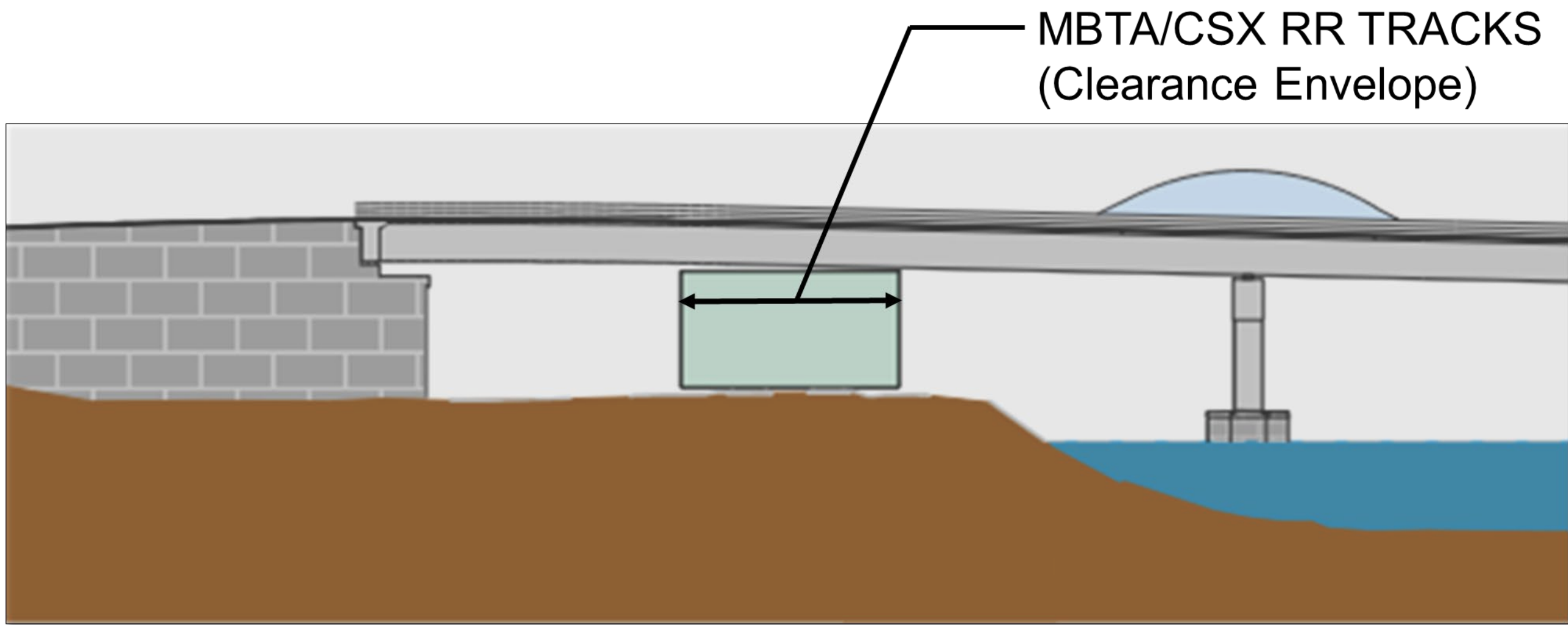
Elevation View from River (Looking West)



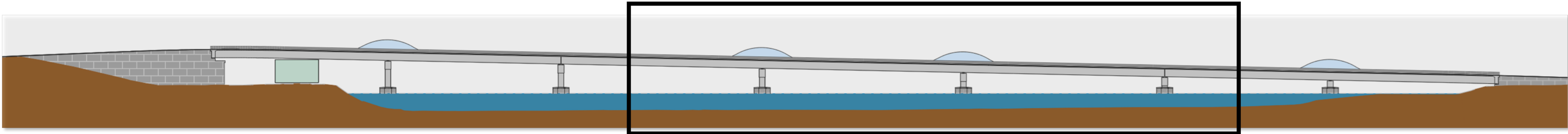
Bridge Replacement



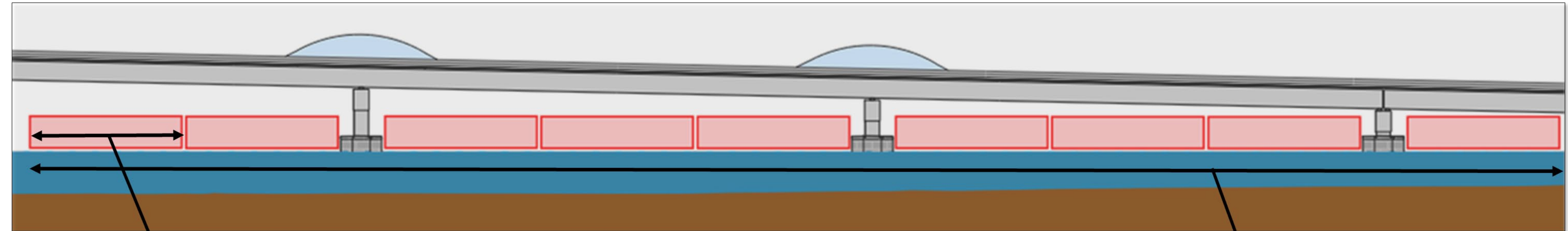
Elevation View from River (Looking West)



Bridge Replacement



Elevation View from River (Looking West)

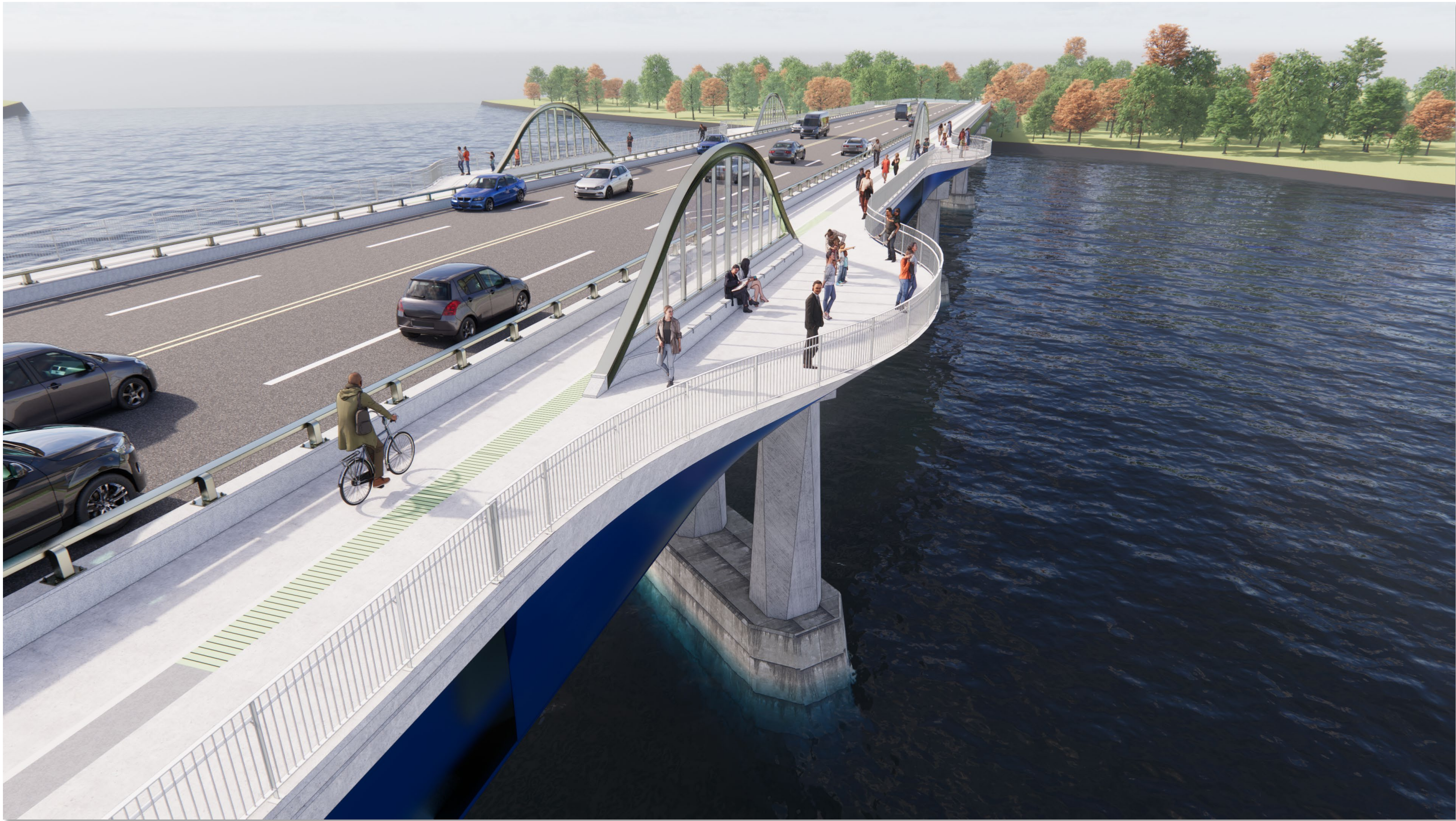


50' Row Lane

9 Total Row Lanes



Bridge Replacement



Bridge Replacement



Bridge Replacement



Bridge Aesthetic and Lighting



Bridge Aesthetics and Lighting



Elevation View from River (Looking West)





**How will your
property be
impacted?**

Preliminary Right of Way (ROW) discussion

25% Design Public Hearing

- MassDOT is 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 MassDOT ROW Bureau.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.

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.





**What is the
construction
approach?**

Construction – Existing and New Bridge

Maintenance of existing bridge:

- Night-time work starting Sunday, December 10th with detour in-place
- Targeted member repairs

During proposed bridge construction:

- Maintain existing roadway configuration and pedestrian access
- Offline construction of proposed bridge
 - New bridge location allows existing bridge to remain fully operational
- Minimize noise and disturbance
- Maintain access to local business and driveways



Project Delivery: Design Build

- Combines design and construction services into a single contract
 - Authorized for Department use under MGL 149A, subsection 14 - 21
- Allows the contractor and designer to work together on all phases of the project
 - Promotes innovation
 - Reduces project costs
 - Expedites project delivery
- Best Value Design-Build (BVDB) procurement
 - Project awarded based on the highest overall value considering both quality and cost
 - Phase I – short list-best qualified teams as determined by response to Request for Qualifications (RFQ)
 - Phase II – submission of technical and price proposals in response to Request for Proposals (RFP)





Project Schedule

Project Schedule



Anticipated Project Cost - \$190 Million



Our Next Steps



Design Public Hearing
December 6th, 2023



25% Design
Early 2024



DB Procurement Process
Summer 2024



Construction Begins
Summer 2025



Project Completion
2028





**How will we
keep you
informed?**

How to reach us

- Visit the project website at:
<https://www.mass.gov/rourke-bridge-replacement-project>
- Submit comments online at:
https://pima.massdotpi.com/public/comment/project-comment-dynamic?project_id=13770
- Submit written comments to:
Carrie Lavalley, P.E., Chief Engineer
MassDOT
10 Park Plaza
Boston, MA 02116
Attention: Major Projects, Project File #607887





Questions and answers

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.



Thank you!

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