



Short Street over the Spicket River

Bridge Replacement

April 30, 2025 | 7:00 PM

Project File No. 612074



Zoom webinar controls



- Listen in English and Spanish



- Ask a question and share comments



- Drop down menu to check microphone and speakers



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



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



Live Transcript

- Closed captioning automatically generated by Zoom

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Raise Hand


Q&A


Interpretation


Live Transcript

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Public meeting notes and procedures

Notification of video recording

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

Important notes

- Your microphone and webcam are automatically disabled upon entering the 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 at the end of the hearing. Your feedback is important.

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

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!

Presentation Participants

- **MassDOT Project Manager**
 - Janhavi Limaye
- **MassDOT District - 4**
 - Daniel Fleury
- **MassDOT ROW Agent:**
 - Nancy Knight
- **MassDOT's Design Consultant -TEC, Inc**
 - Andrew Spurr
 - Jon Shikes
- **Federal Highway Administration**
 - Responsible for oversight
- **City of Lawrence**
 - Daniel McCarthy
 - Aida Santana
 - Theo Rosario
- **MassDOT Producer/Facilitator**
 - William Woolford
 - Miranda Briseno
- **Translator**

Recent public outreach

- 25% Design Public Hearing Notice was published in:
 - The Eagle Tribune - April 16th, 2025, and April 23rd, 2025
 - The Valley Patriot - April 16th, 2025, and April 23rd, 2025
 - RUMBO News - April 16th, 2025, and April 23rd, 2025

- **Coordination with the City of Lawrence**

Town officials were involved in the process of this meeting.

Plans are available on the City's website



- **Budget and Funding**

- Estimated total project cost ~ \$13.0 Million

The total estimated cost of the project does not include any right of way acquisition costs.

- Federal Highway Administration funding 80% (Federal Aid)
- MassDOT funding 20% (remaining construction cost)

This project must be programmed in the Statewide Transportation Improvement Program (STIP) in the appropriate Federal Fiscal Year in order for MassDOT to solicit bids for eventual construction.

Agenda

- Introductions
- Project Initiation
- Project Goals
- Design Alternatives
- Progress Update
- Right of Way Impacts
- Environmental Permitting
- Construction Approach
- Next Steps
- Questions & Answers



How did we get here?

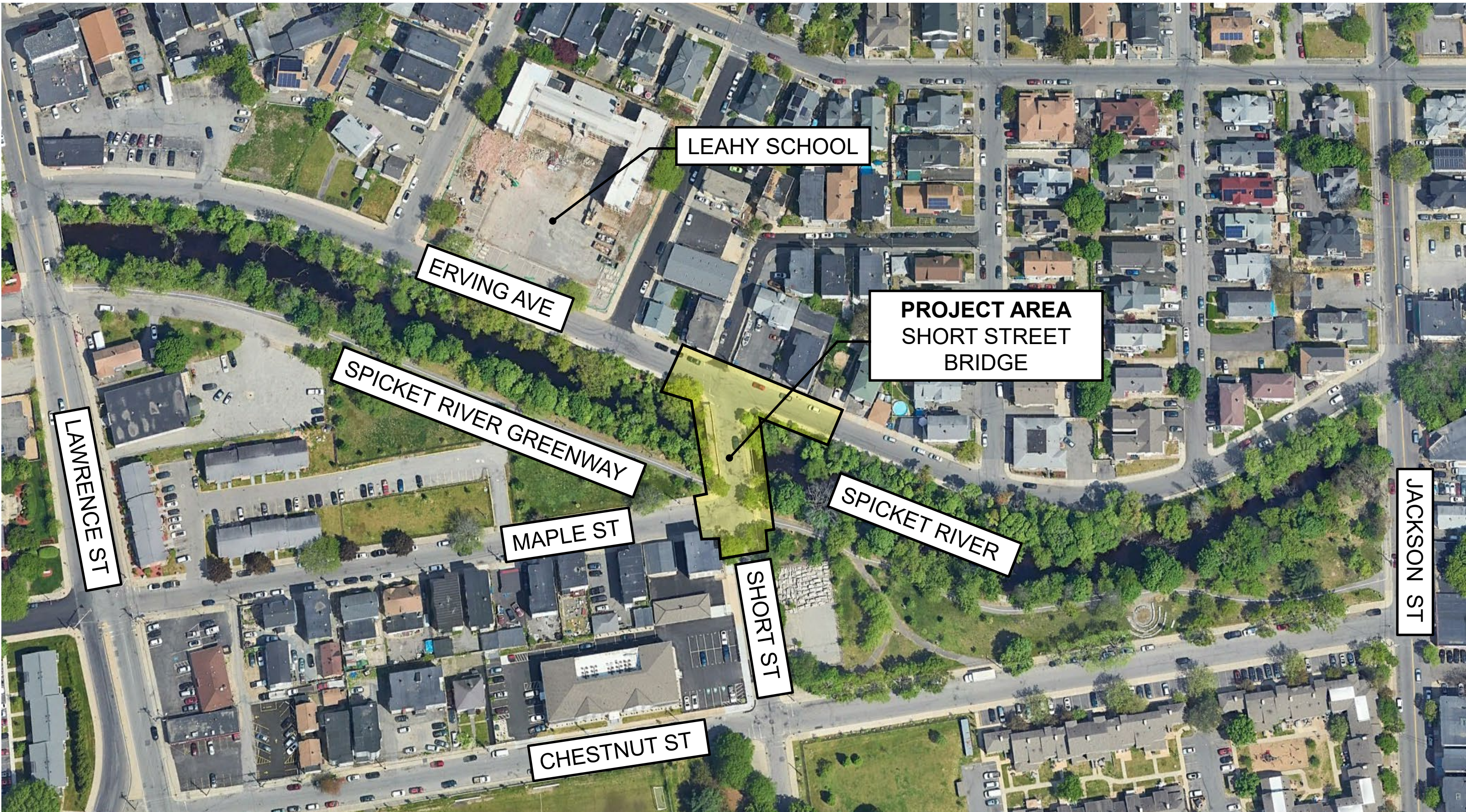




**Why was this
project
initiated?**

Project Location

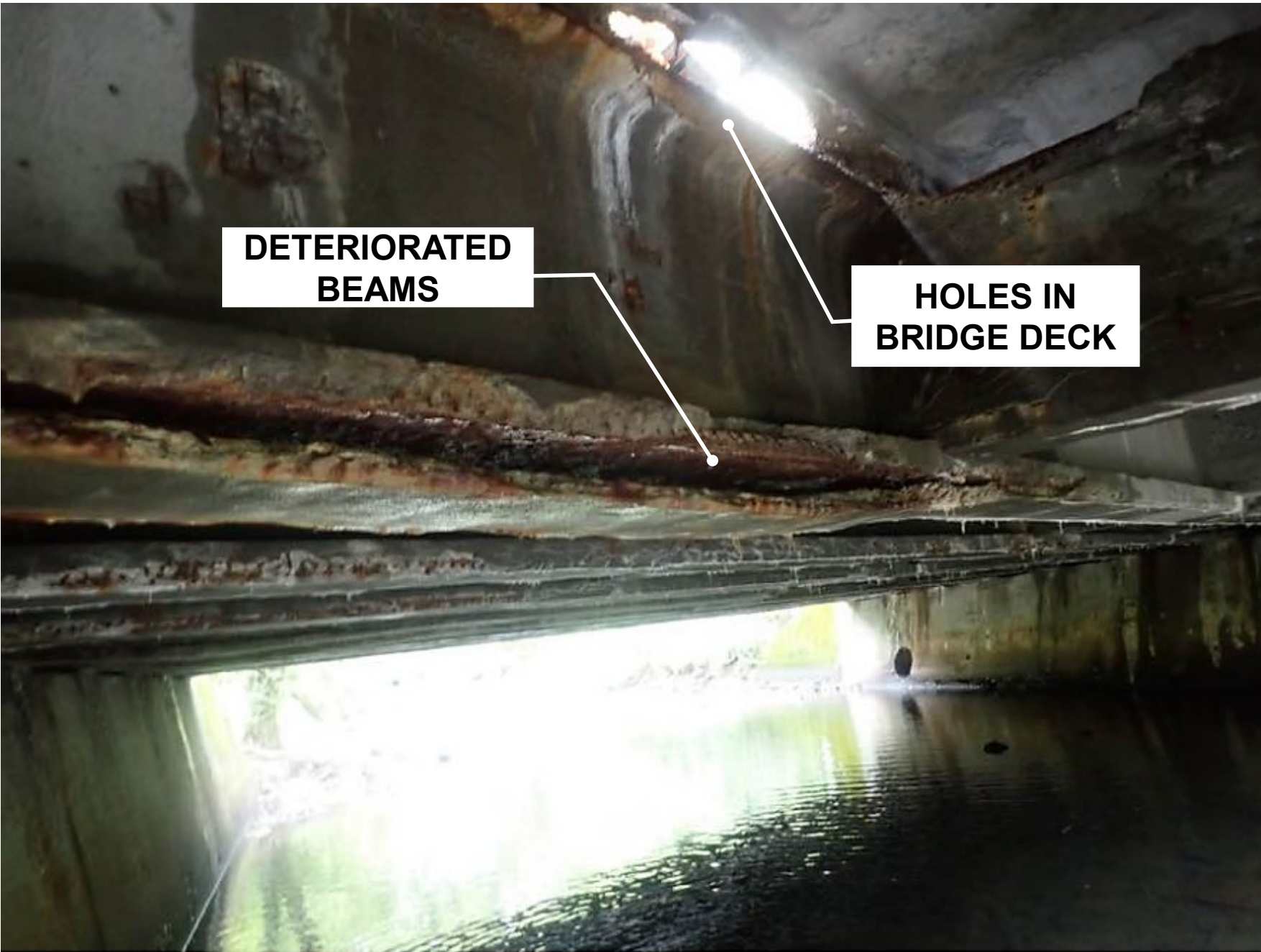
Short Street over Spicket River, Lawrence



Deteriorated Bridge Conditions

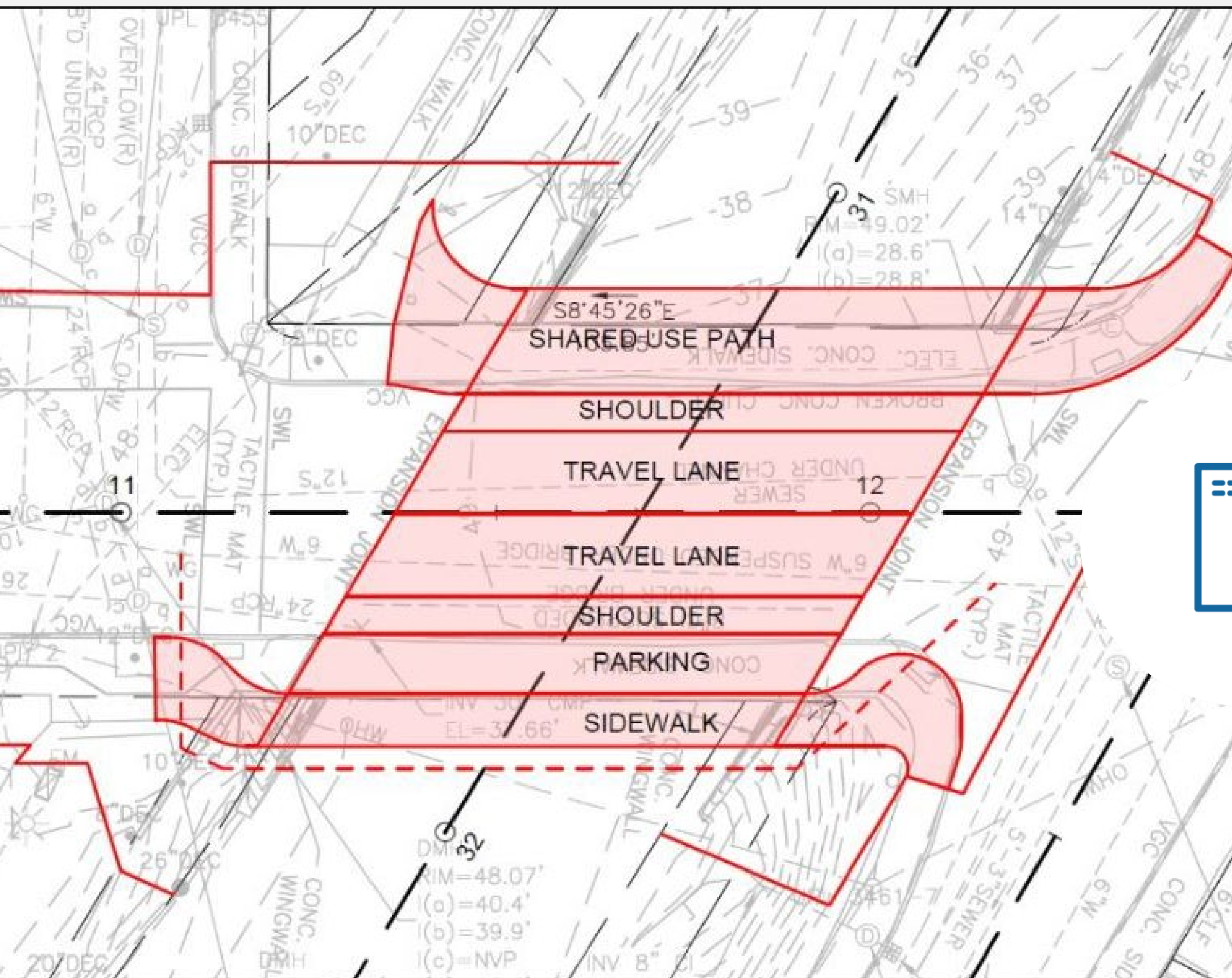


Deteriorated Bridge Conditions



Pedestrian/Bicycle Deficiencies





**What do we
want to
accomplish?**

Project Goals

- Upgrade aging Short Street bridge:
 - Provide minimal maintenance structure with 75-year design life
 - Provide code compliant traffic safety features
 - Provide Shared Use Path over bridge
- Improve connectivity to Spicket River Greenway
- Stormwater drainage upgrades





**What
alternatives
were
considered?**

Bridge Alternatives Considered

- Superstructure Replacement
 - Replace beams, bridge deck, sidewalks, concrete railings, etc.
 - Retain existing concrete foundations (built in 1938)
 - Not favorable to widening bridge
- Full Bridge Replacement
 - Complete replacement of entire bridge
 - Allows bridge widening
 - Restarts the clock on 75-year design life



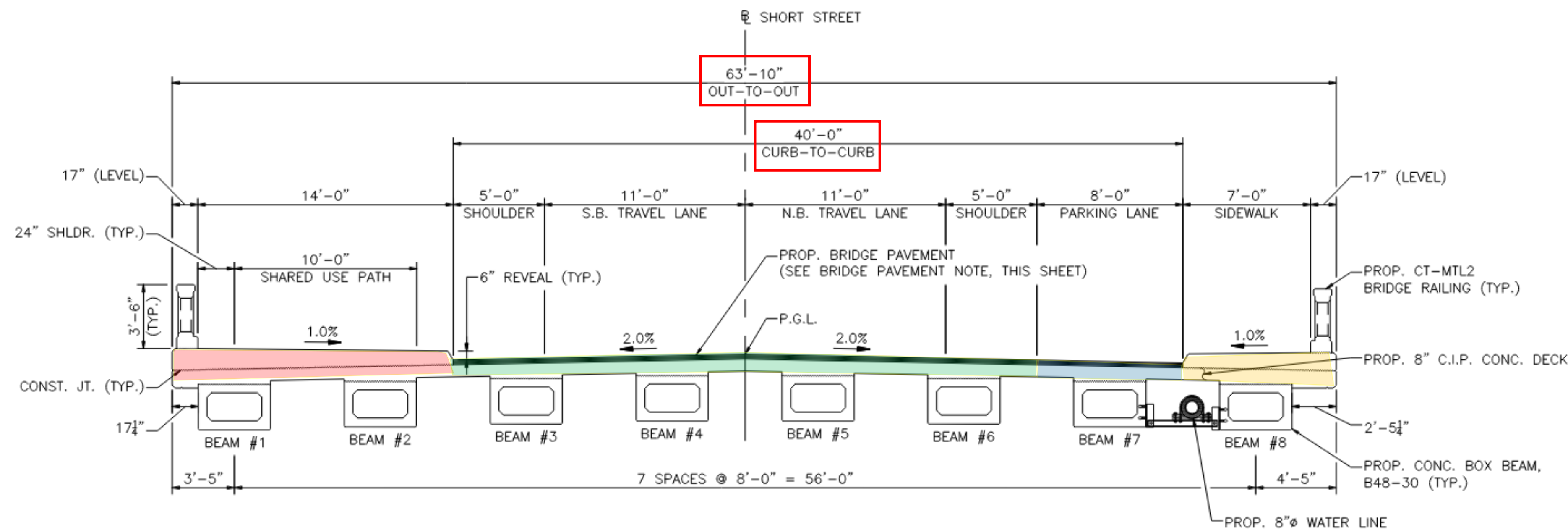


What is the preferred alternative?

Preferred Alternative

- Full Replacement of Short Street Bridge
 - Widen bridge from 50-ft to 64-ft
 - Will include 10-ft wide Shared Use Path on west side of roadway
 - Span length to match existing due to Erving and Maple Street at approaches
 - Bridge will consist of:
 - Spread footing abutments founded on bedrock
 - Concrete box beams with concrete deck
 - Concrete bridge railings
 - Striped travel lanes, shoulders, parking lane
- Improvements to ADA ramps and crosswalks at bridge approaches

Preferred Alternative



= 10-FT SHARED USE PATH WITH 4-FT BUFFER



= TWO 11-FT TRAVEL LANES WITH 5-FT SHOULDERS

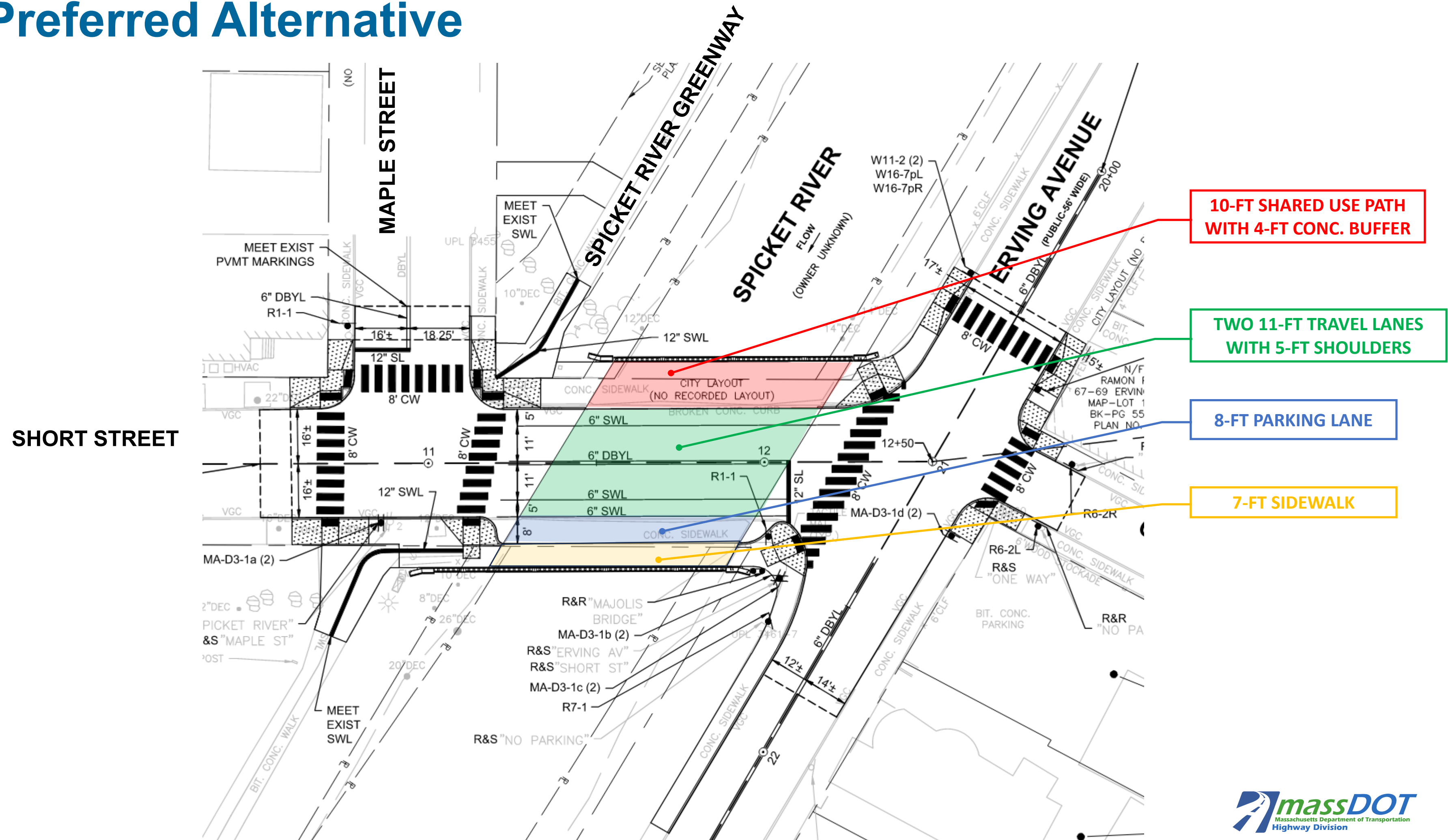


= 8-FT PARKING LANE



= 7-FT SIDEWALK

Preferred Alternative





How has our
design
progressed?

Design Progress

TASK	TIMELINE	STATUS
• Field Data Collection	Spring 2023 – Fall 2023	Complete ✓
• Comparative Alternatives Analysis	Fall 2023	Complete ✓
• Preliminary Engineering	Spring 2024 – Summer 2024	Complete ✓
• 25% Design Submission	Summer 2024 – Spring 2025	Complete ✓
• Field Utility Coordination Meeting	Spring 2025	Complete ✓
• Design Public Hearing	Spring 2025	In Progress
• 75% Design Submission	Spring 2025 – Summer 2025	In Progress
• 100% Design Submission	Fall 2025 – Winter 2025	Upcoming
• PS&E Design Submission	Winter 2026 – Spring 2026	Upcoming
• Project Advertise for Construction	Fall 2026	Upcoming

← YOU ARE HERE!

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

- The City of Lawrence 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 City of Lawrence or consultants representing the responsible agency.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings will be available at <https://www.mass.gov/event/lawrence-bridge-replacement-l-04-012-short-street-over-spicket-river-04-30-2025> 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.



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

Environmental Permitting

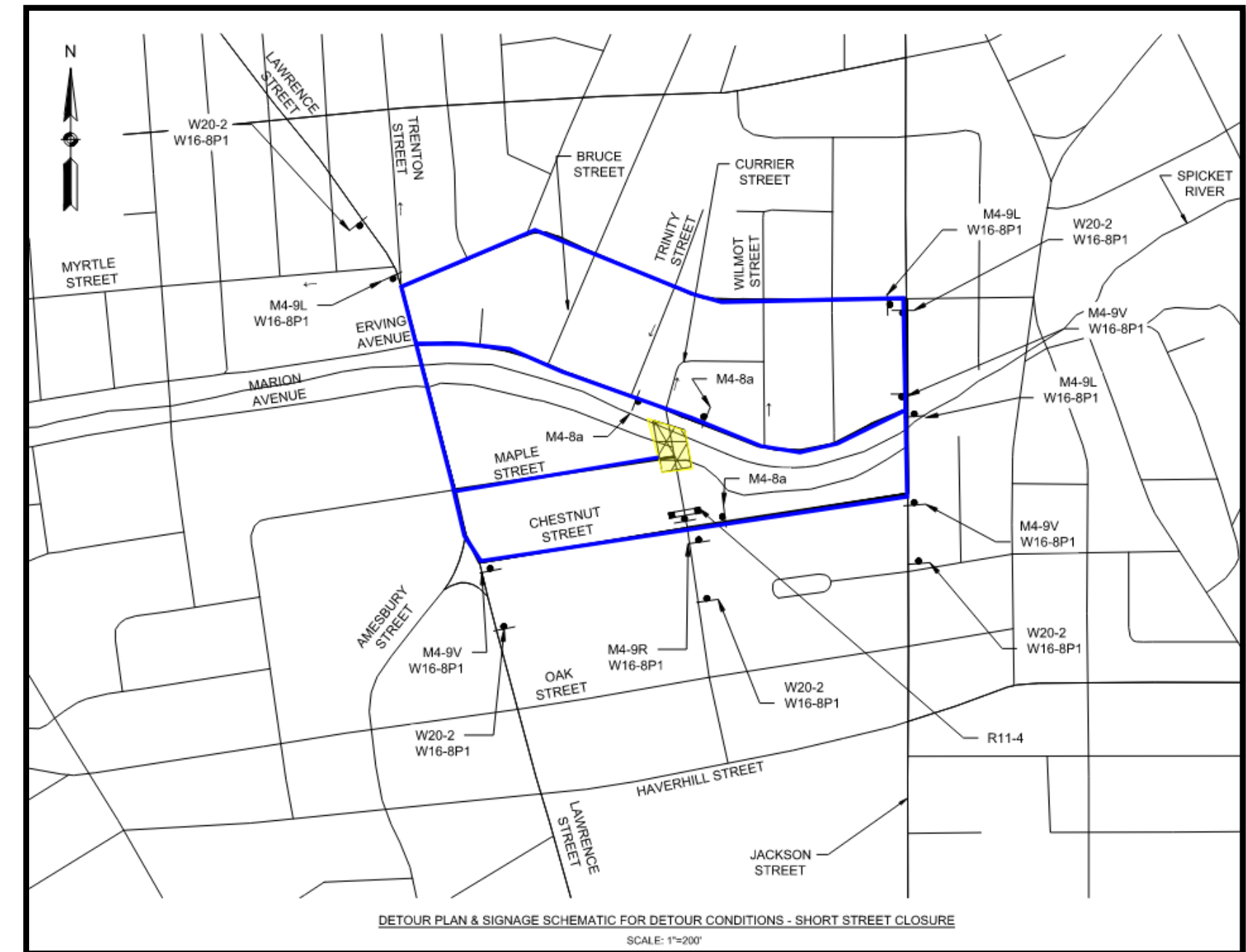
- Programmatic Categorical Exclusion (CE)
- Section 401 of the Clean Water Act – Water Quality Certification
- Section 404 of the Clean Water Act – Preconstruction Notification (PCN)
- Essential Fish Habitat (EFH) Evaluation
- Section 4(f) and 6(f) Consultation
- Article 97 Land Disposition Policy



**What is the
construction
approach?**

Construction Approach

- Short Street will be fully closed during construction
 - Vehicular traffic detoured onto adjacent roadways
 - Pedestrian & Bicycle traffic detoured utilizing the Greenway
- Erving Avenue will remain open during construction
 - Reduced width of travel lanes
 - Temporary Parking restrictions
 - Potential for short term closures for selective construction activities
- Maple Street will remain open to local traffic during construction
- Spicket River Greenway will remain open during construction
 - Greenway detour around construction staging / barriers
- Access to all abutting properties will be maintained throughout construction
- Expected Construction Duration = approx. 18 months (Jan. 2027 – Jul. 2028)



Our next steps



April 2025
25% Design Public
Hearing



Sumer 2025
75% Design
Submission



Fall/Winter 2025
Begin Right-of-Way
Process

100% Design
Submission



Spring/Summer 2026
Finalize Design and
Bidding Documents

Finalize Right-of-Way
Process



Fall 2026
Advertise for
Construction



**How will we
keep you
informed?**

How to reach us

- Submit email comments to:
MassDOTProjectManagement@dot.state.ma.us Use Subject: MassDOT Project File No. 612074
- 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. 612074





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

***Short Street over the Spicket
River Bridge Replacement***

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MassDOTProjectManagement@dot.state.ma.us

