



Replacement of Church Street bridge over Keyup Brook, Erving

Thank you for joining us.

This meeting will begin shortly.





WELCOME! VIRTUAL DESIGN PUBLIC HEARING




Church Street Bridge Replacement over Keyup Brook, Erving

Virtual Design Public Hearing | April 18, 2024 | 6:00 PM

Project File No. 612982



Zoom Hearing Controls

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- 
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Public Hearing 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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- 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.

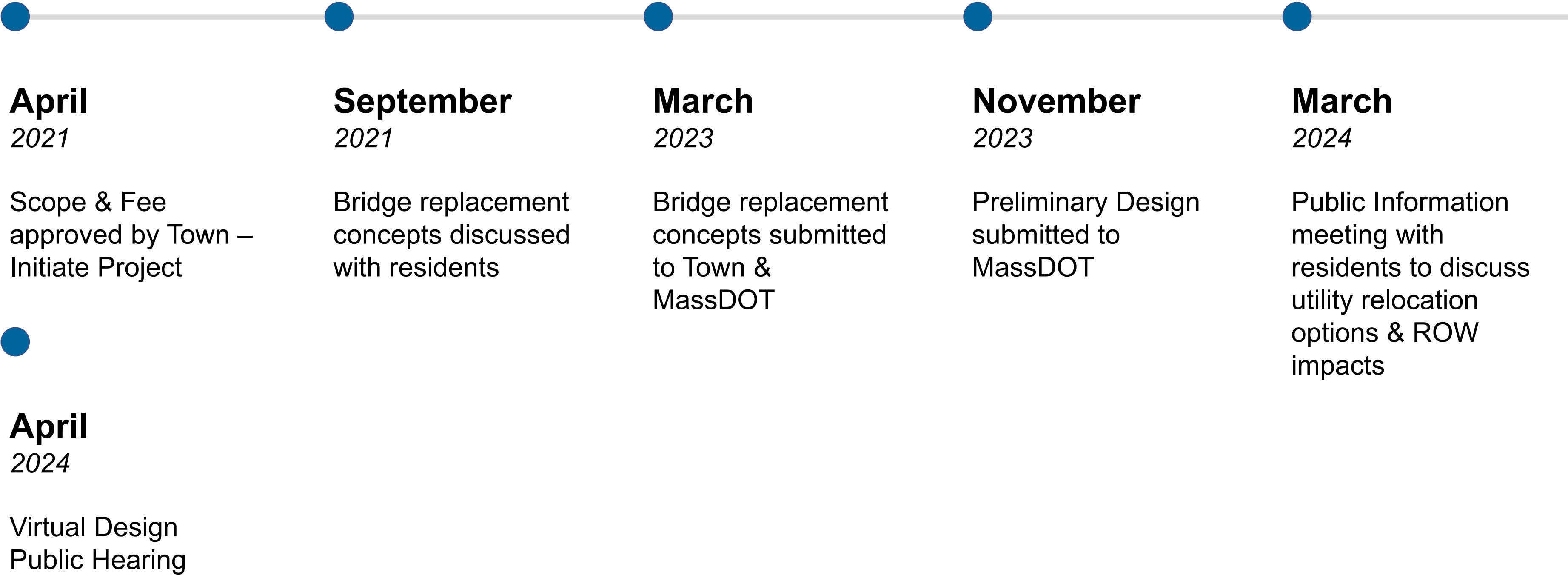
Presentation Participants

- **MassDOT**
 - Stephen Soma, Project Manager
 - Zachary Feury, Right of Way
 - Paula Simmons, D2 Project Development Engineer
 - Dan Racicot, Legislative Affairs
 - Chris Klem, Producer
 - Hung Pham, Producer
- **Weston & Sampson**
 - Louis Bacho, Project Manager
- **Town of Erving**
 - Bryan Smith, Town Administrator

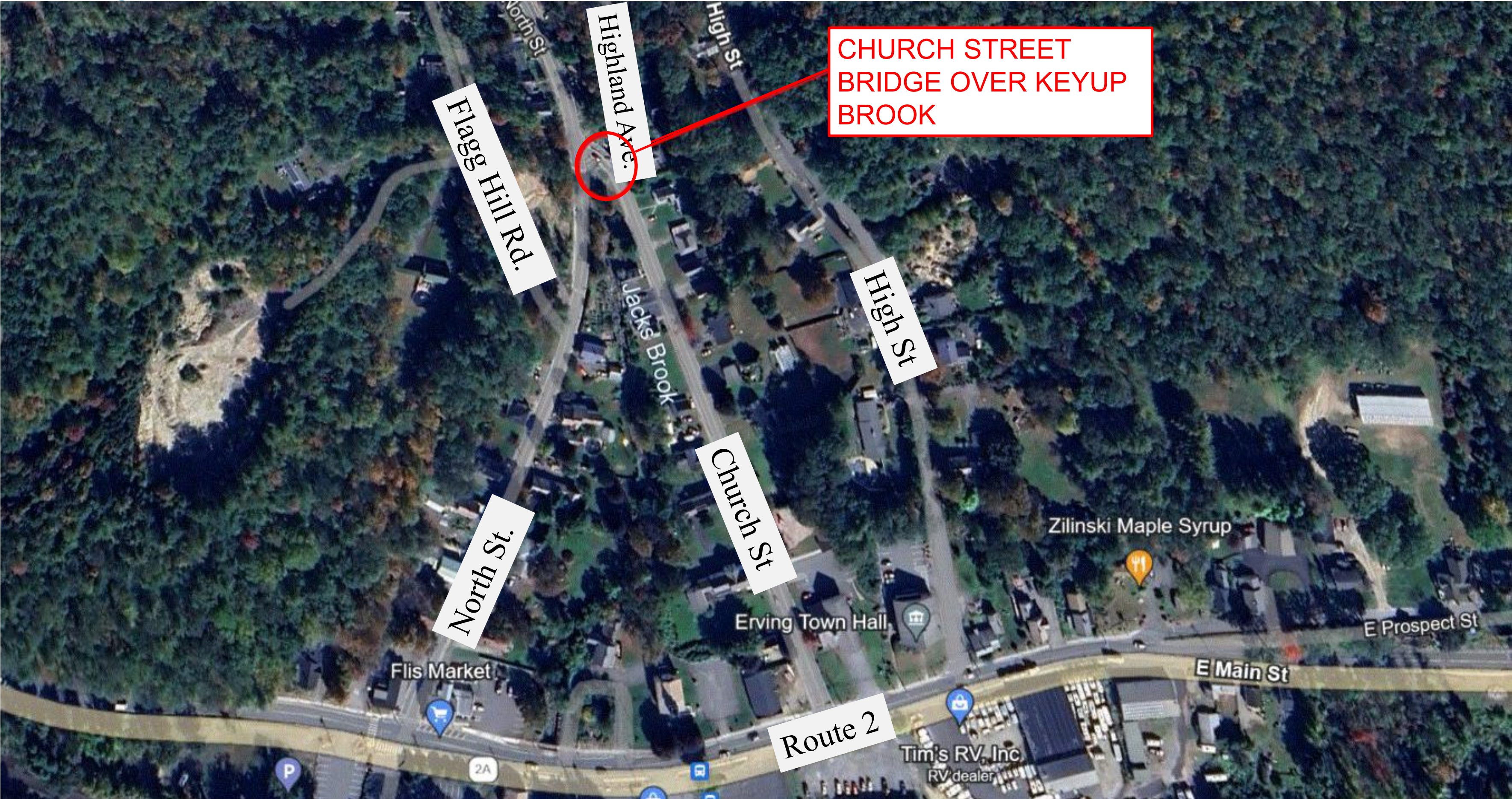
Agenda

- 1 Project History
- 2 Project Overview
- 3 Existing Conditions
- 4 Purpose and Scope
- 5 Proposed Design
- 6 Right of Way
- 7 Construction/User Impacts
- 8 Next Steps
- 9 Contact Information
- 10 Questions & Answers





Project Location





**Why was this
project
initiated?**

- Bridge is well beyond its useful lifespan, is in poor shape and is currently open to one-way southbound traffic and posted for 3 Ton vehicular traffic
- Safety issues with guardrails on Church Street and those that are attached to the bridge
- Sidewalk on bridge and crosswalk substandard and not ADA compliant



Existing Conditions

Bridge posted for 3 Ton limit with one-directional traffic



Spalling concrete superstructure



Guardrail supported on failing retaining wall with missing anchors



Existing Conditions

Large void in retaining wall adjacent to bridge



Large spalls with exposed reinforcing steel on deck underside



Crosswalk not up to current standards and intersection geometry leads to speeding





**What do we
want to
accomplish?**

Project Goals



- Replace existing bridge with new precast concrete structure
- New wider sidewalk with 5'-6" width
- Slight improvement in alignment between North and Church Streets to reduce speeds

Project Goals



- Utilize precast concrete elements to reduce construction duration
- Better defined travel lanes and shoulders on bridge
- New ADA compliant crosswalks and replace failing guardrail on Church Street
- Minimize impacts to adjacent properties

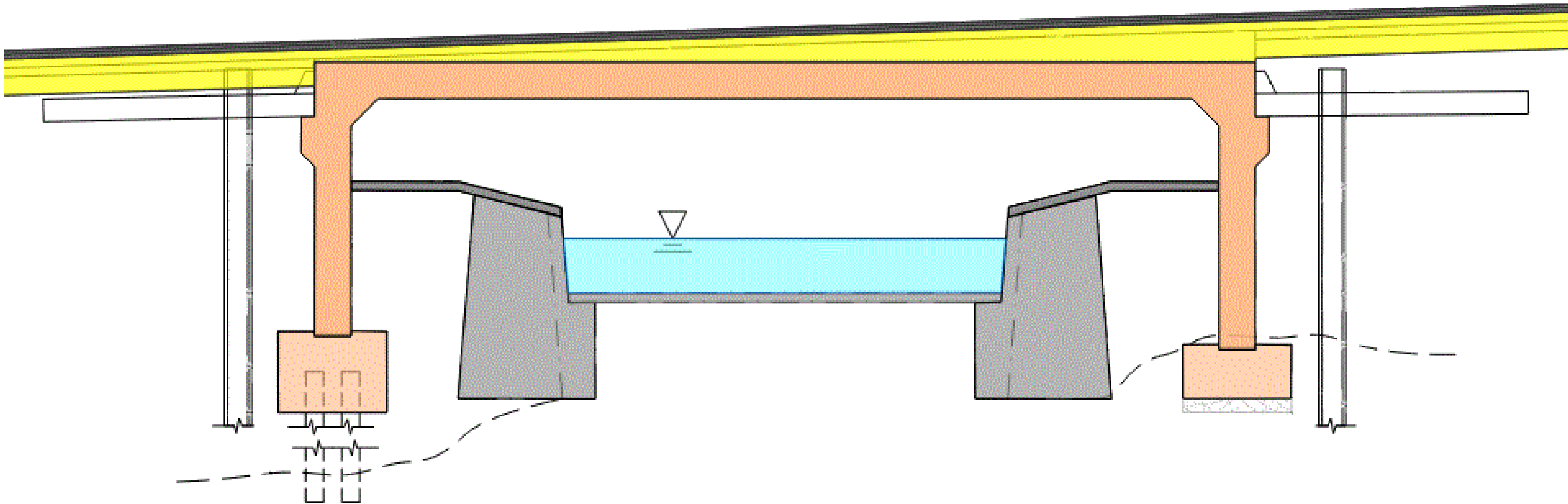


Proposed Design

Proposed Precast Concrete Rigid Frame Bridge

LEGEND:




- Existing bridge foundations to remain
- New bridge precast foundations and new 3-sided rigid frame
- New roadway
- Keyup Brook

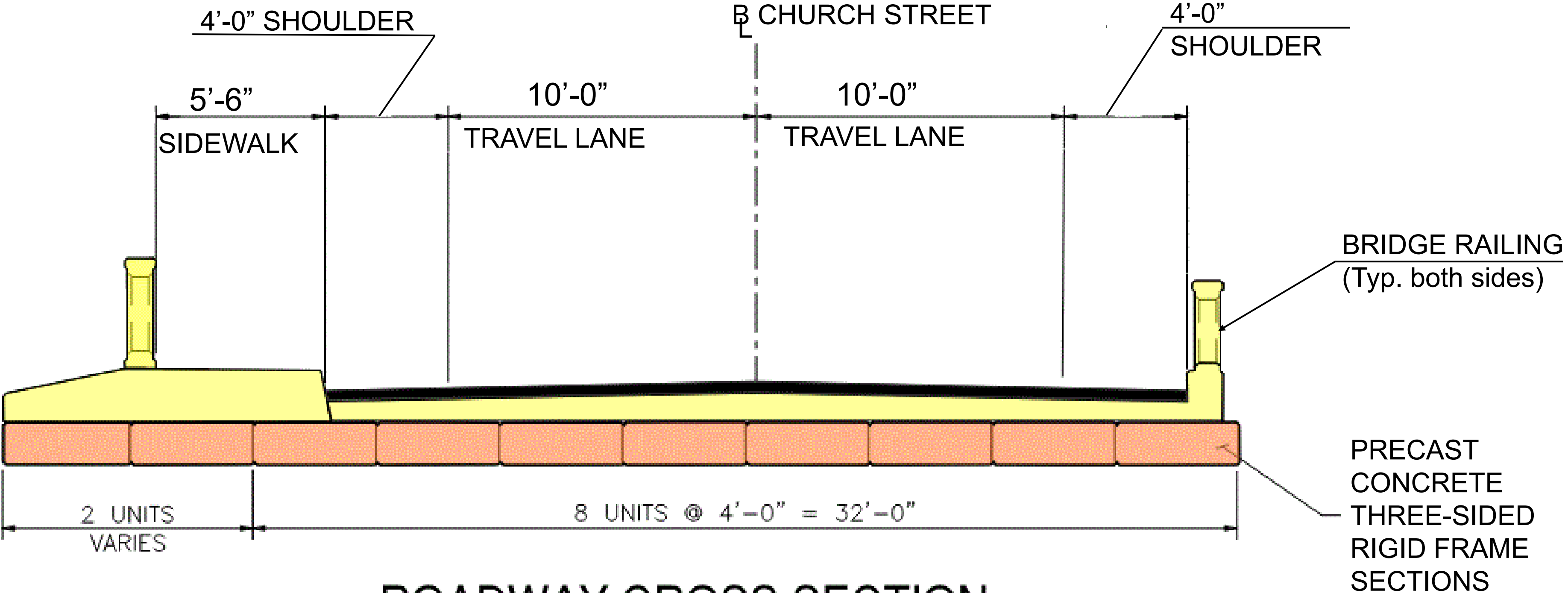


LONGITUDINAL SECTION

Proposed Precast Concrete Rigid Frame Bridge

LEGEND:

-  New Bituminous overlay
-  New 3-sided rigid frame sections
-  New roadway, sidewalk, and railing



Precast Concrete Rigid Frame Bridge during Installation



Completed Precast Concrete Rigid Frame Bridge



Option 1 - Open Metal Bridge Rail



Option 1 - Open Metal Bridge Rail



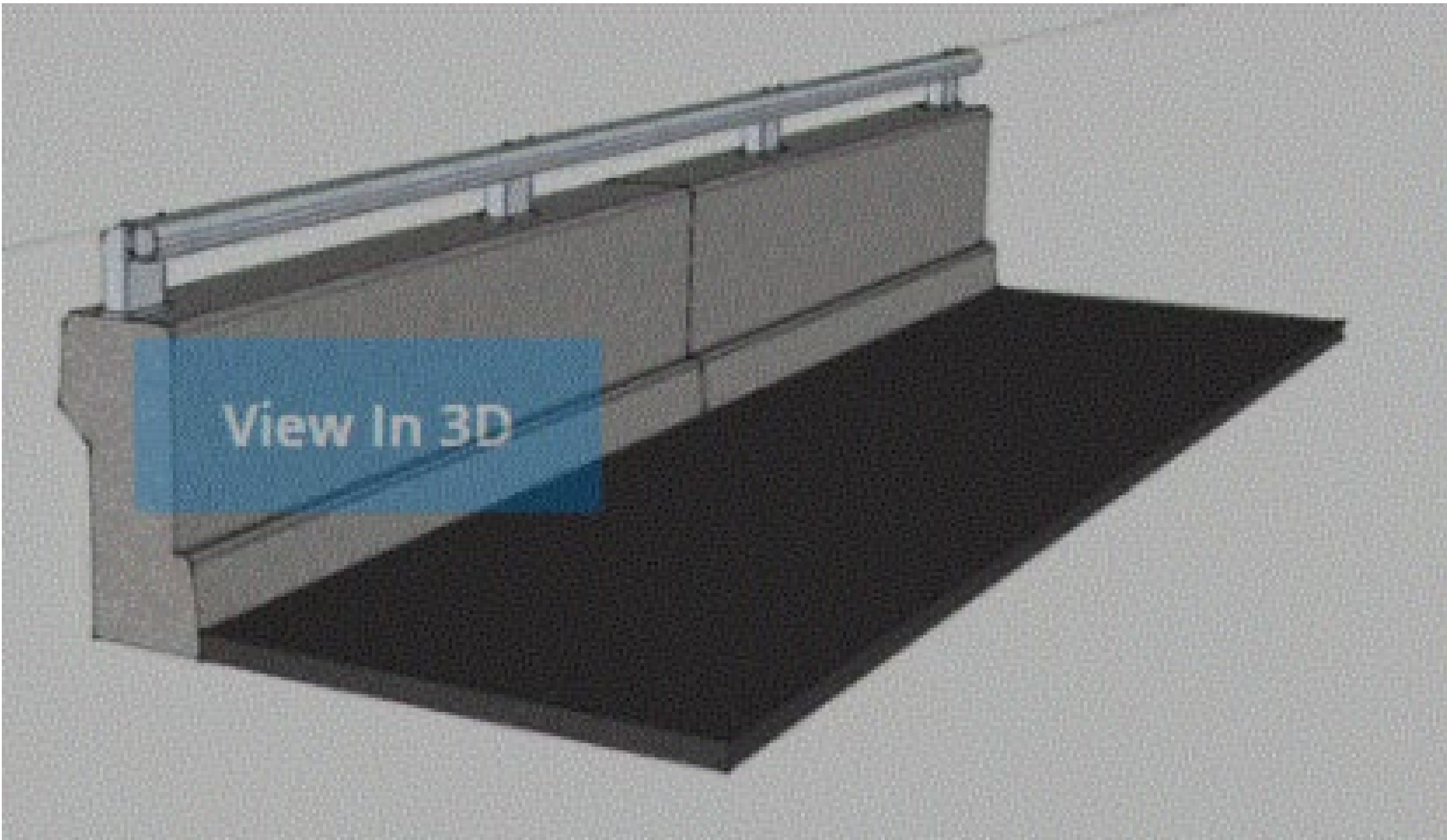
Option 2 - Open Concrete Bridge Rail



Option 2 - Open Concrete Bridge Rail



Option 3 - Solid Concrete Bridge Rail w/ handrail





**How will your
property be
impacted?**

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

- The Town of Erving 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 Town of Erving or consultants representing the Town.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings will be available at the Town Administrator's Office at 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.

Easements (temporary & permanent)

- Overhead utilities passing over the existing bridge need to be permanently relocated to allow bridge demolition/construction
- Permanent utility easements required during overhead utility relocation which may include new poles, guy wires (new & existing), and new utility lines.
- Temporary construction easements needed during construction of bridge and during alternating one-way traffic to/from Highland Ave.



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

Construction Phase

Roadway/Pedestrian Impacts

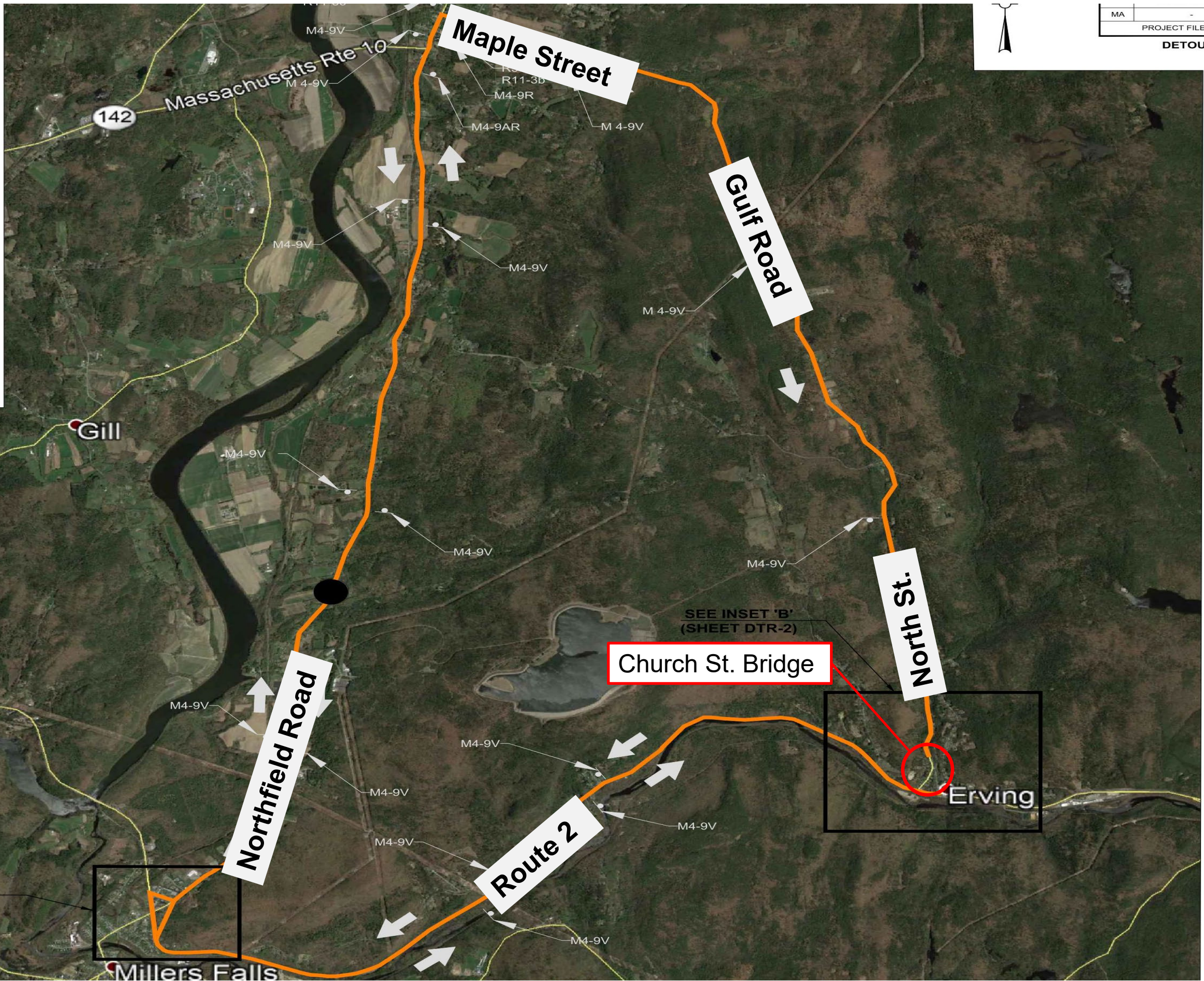
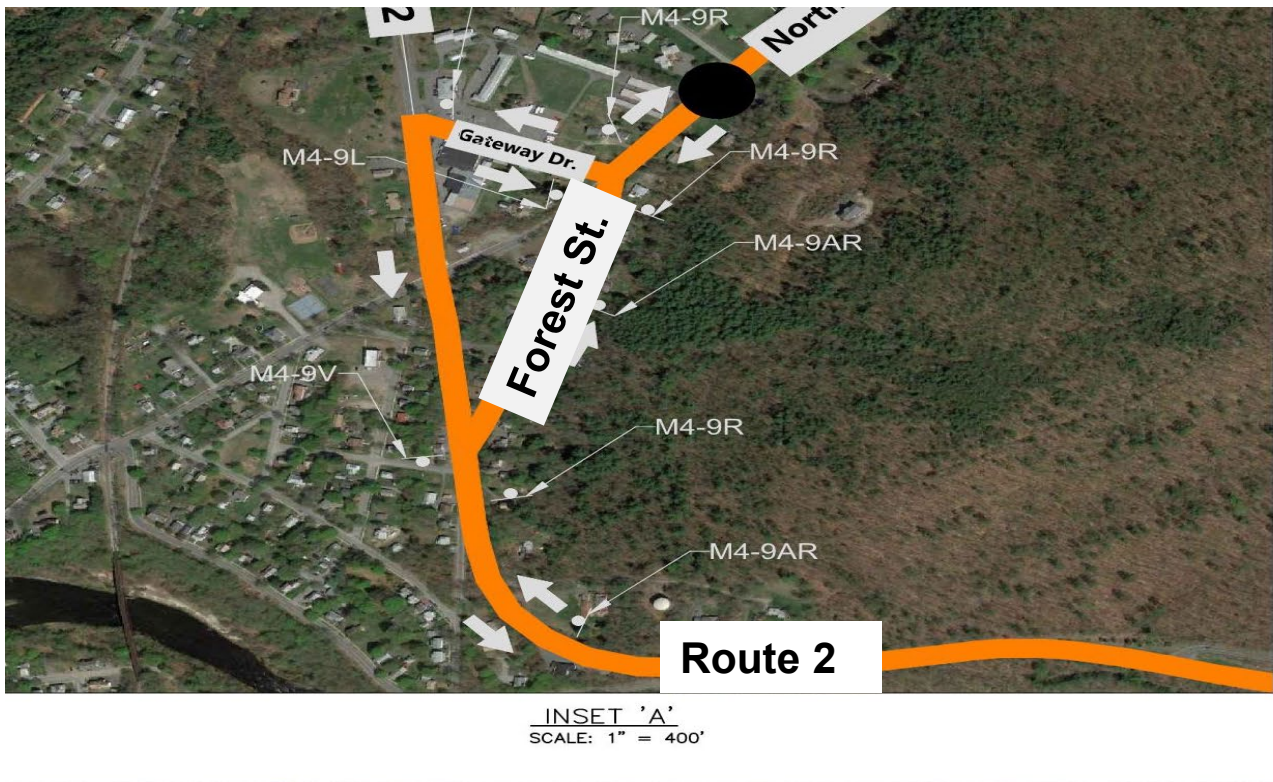
- **Contractor to permanently relocate overhead utilities**
 - roadway and pedestrian traffic will operate as it does now.
- **Bridge closed with detour in place and demolition of existing bridge begins**
 - access to/from all properties and businesses will remain open.
 - local traffic to/from Highland Ave. and Church Street to/from Route 2 will remain. Bridge closed to vehicular and pedestrian traffic.



- **Demolition and construction of new bridge begins**
 - prior restrictions continue to be in place. During placement of rigid frame Route 2 traffic will be reduced to alternating one way traffic.
- **Relocation of sewer and installation of approach slabs**
 - Access to/from Highland Ave. will be reduced to alternating one-way traffic
 - Highland Ave. temporarily closed during placement of approach slab.
- **Communication with residents will occur during entire construction of bridge**



Detour Plan





75% Submission
Early summer 2024



Submit 75% ROW
plans
Mid-summer 2024



75% Review
completed
Mid-summer 2024



Submission of
Final Plans,
Specifications &
Estimates
Late summer 2024



Project Advertised
Fall 2024



Anticipated
Construction Starts
Spring 2025



**How will we
keep you
informed?**

How to reach us

- Visit the project website at:
- Submit email comments to:
MassDOTProjectManagement@dot.state.ma.us
- Submit written comments to:
Carrie Lavalley, P.E., Chief Engineer
MassDOT
10 Park Plaza
Boston, MA 02116
Attention: ROADWAY PROJECT MANAGEMENT, PROJECT FILE NO. 612982



Thank You for Your Support

Town of Erving

Erving Senior & Community Center

Erving Council on Aging

Erving Veteran's Services

Erving Commission of Disability

Franklin Regional Council of Governments (FRCOG)

STAVROS – Independent Living Center

Greenfield RMV Service Branch

North Quabbin Chamber of Commerce



Questions and answers

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions; *9 for attendees calling into the meeting



- 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



- 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



- Please take a few minutes to complete the survey after the meeting to let us

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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Stephen Soma, Project Manager



Open Metal Bridge Rail
Option 1



Open Concrete Bridge Rail
Option 2



Solid Concrete w/ Handrail
Option 3

