



Public Information Meeting

*Superstructure Replacement Pittsfield
Holmes Road over Housatonic Railroad*

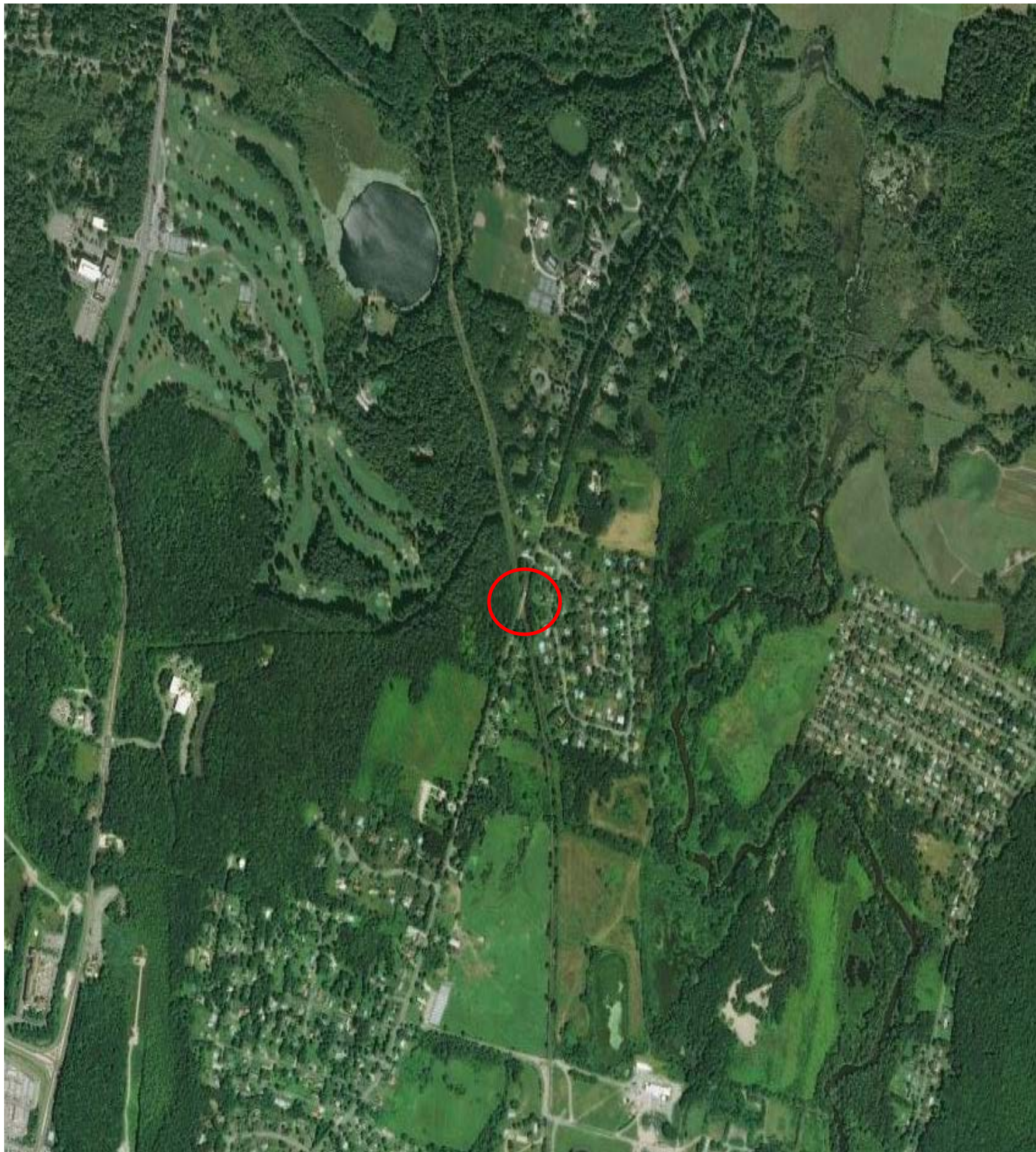
Pittsfield Public Library | 8/19/2021 | 6:30pm

Project File No. 611955

Agenda

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- 05 Project Goals
- 06 Scope of Work
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PROJECT TEAM

MassDOT Project Manager
William F. Brown

Project Proponent
MassDOT District 1

Municipality
City of Pittsfield

Consultant Engineering Firm
Gill Engineering Associates, Inc.





Underside of Bridge

PROJECT NEED

- Structurally Obsolete Bridge
 - Beam deterioration requires the bridge to be restricted to traffic
- Single Lane of Traffic
 - Two-way traffic maintained with traffic signals allowing for alternating movement



EXISTING CONDITIONS

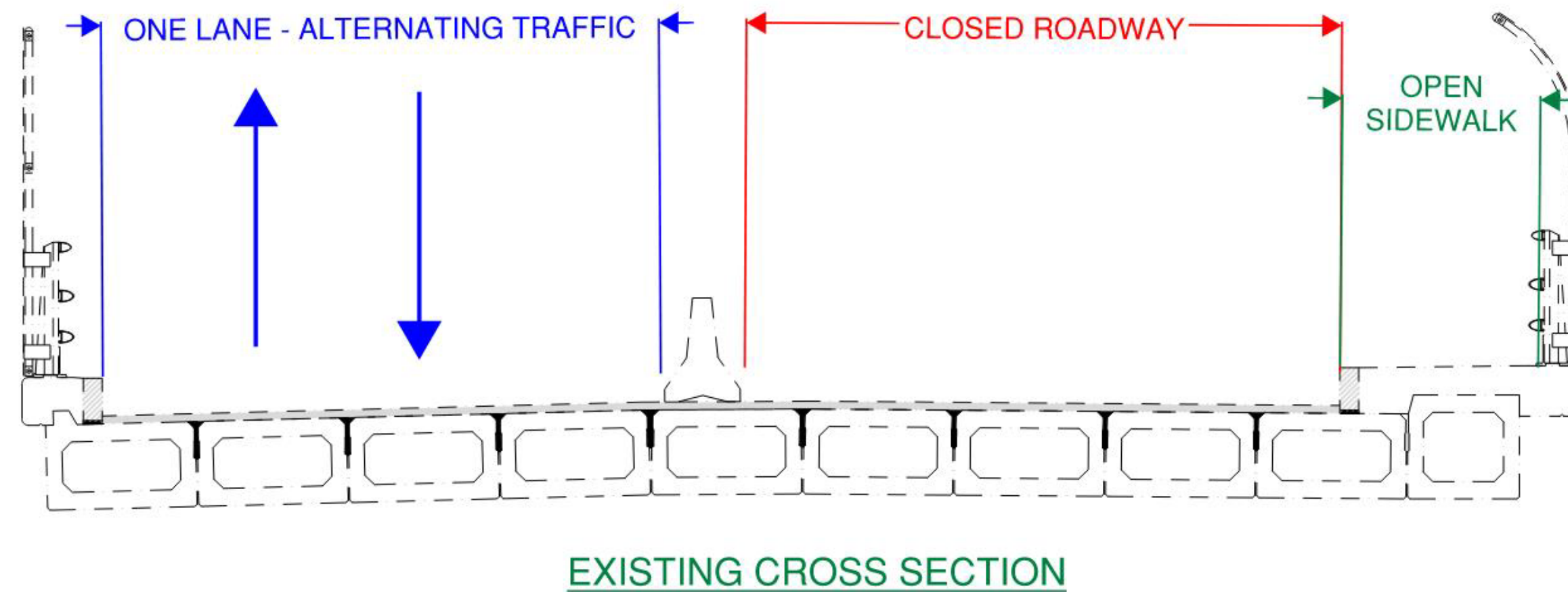
- Looking South
- Single Lane Alternating Traffic Controlled by Temporary Signals



Looking North

EXISTING CONDITIONS CONTINUED

- Looking North
- Single Lane Alternating Traffic Controlled by Temporary Signals
- Traffic Queuing on Approaches



EXISTING CONDITIONS CONTINUED

- Cross Section
- Single Lane Alternating Traffic Controlled by Temporary Signals



PROJECT GOALS

- Structurally Obsolete Bridge | Replace Superstructure
- Congestion | Provide Two Lanes of Traffic
- Poor Bike Accommodation | Improve Bike Accommodation

Under Bridge View – Looking Southwest

OTHER ALTERNATIVES

Do Nothing

- Maintain existing traffic pattern
- Eventually deterioration will require the bridge to be completely closed

Replace Entire Bridge

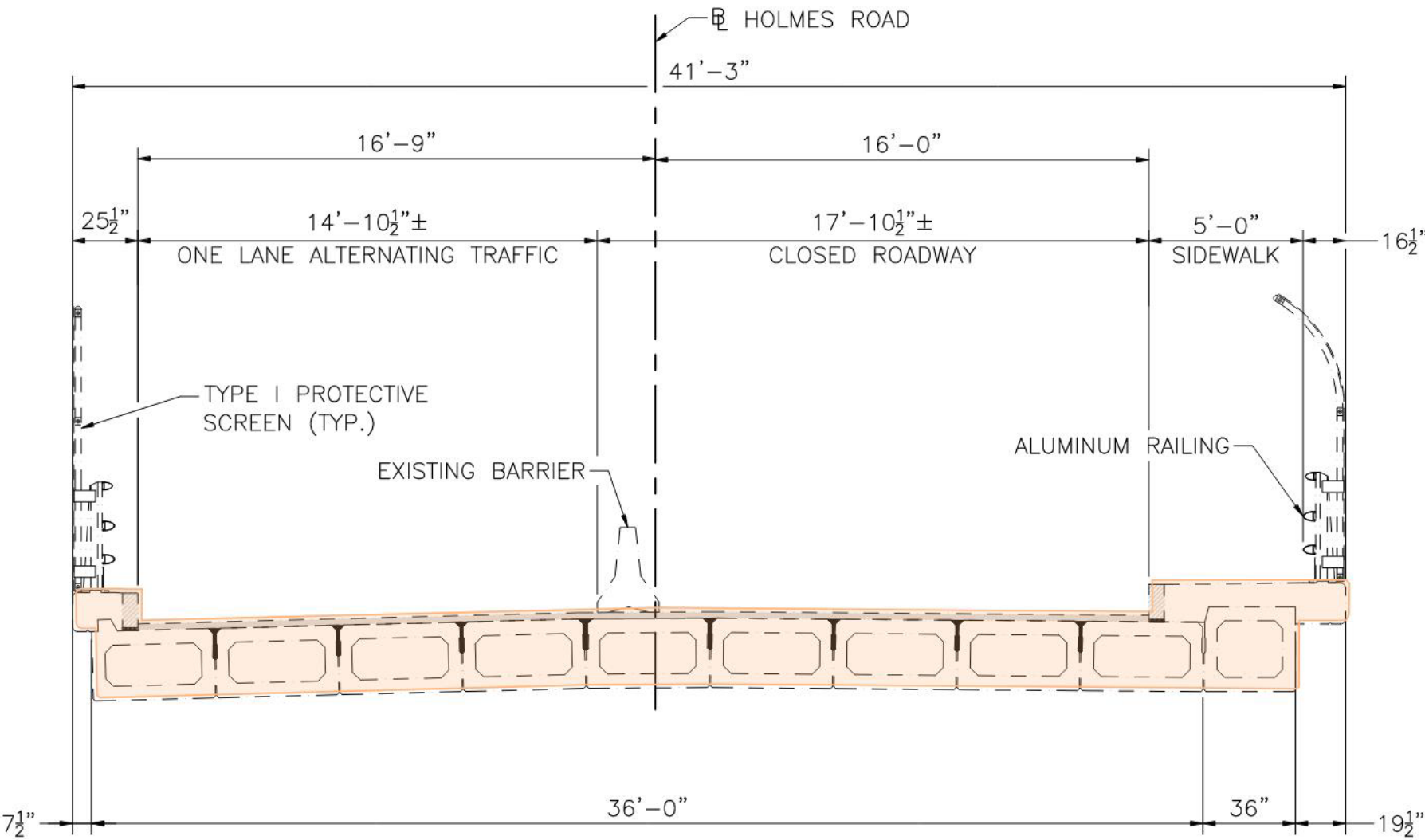
- New bridge could have full 12 foot traffic lanes, standard shoulders, and bike lanes
- Approach roadway widened to match bridge
- Require approach wingwalls to reduce right of way takings
- Utility pole relocation
- Cost will be two to three times current project
- Project delayed – two years to redesign plus three years for construction



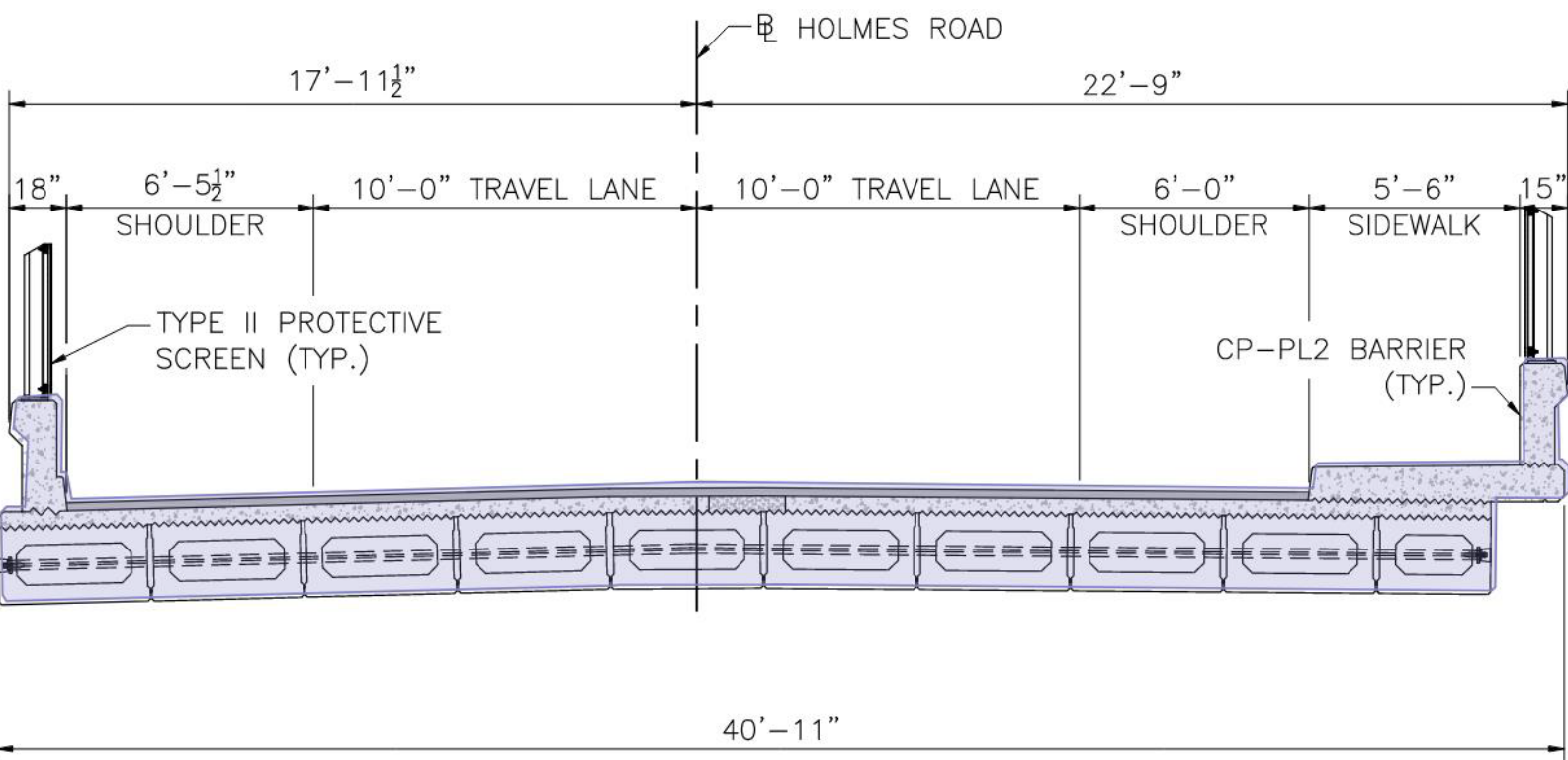
Similar work from another bridge project

SCOPE OF WORK

- Superstructure Replacement
 - Bridge Demolition
 - Concrete Repairs to Existing Substructure
 - Precast Beam Erection
 - Cast-In-Place Topping Slab
 - Sidewalk and Safety Curb Construction
 - New Pavement on Approaches and Over Bridge



EXISTING CROSS SECTION



PROPOSED CROSS SECTION

IMPROVEMENTS

- New Bridge Superstructure and Repairs to Substructure as Required
- Functional Equivalent of a New Bridge
- Provide Two Lanes of Traffic – One in Each Direction
 - Eliminate current traffic pattern after construction is complete.
- Provide Bike Lanes over the Bridge
- Increase Sidewalk Width over the Bridge

Right of Way Discussion – Pre 25% Design

- Presently the Preliminary Design indicates that there should be no permanent Right of Way takings.
- It is possible that temporary construction easements may be necessary to construct the project.
- The 25% Design Public Hearing scheduled for February 2022 will clarify this topic.
- Personnel for MassDOT's Right of Way Bureau will attend the February meeting to discuss the process and address any questions.

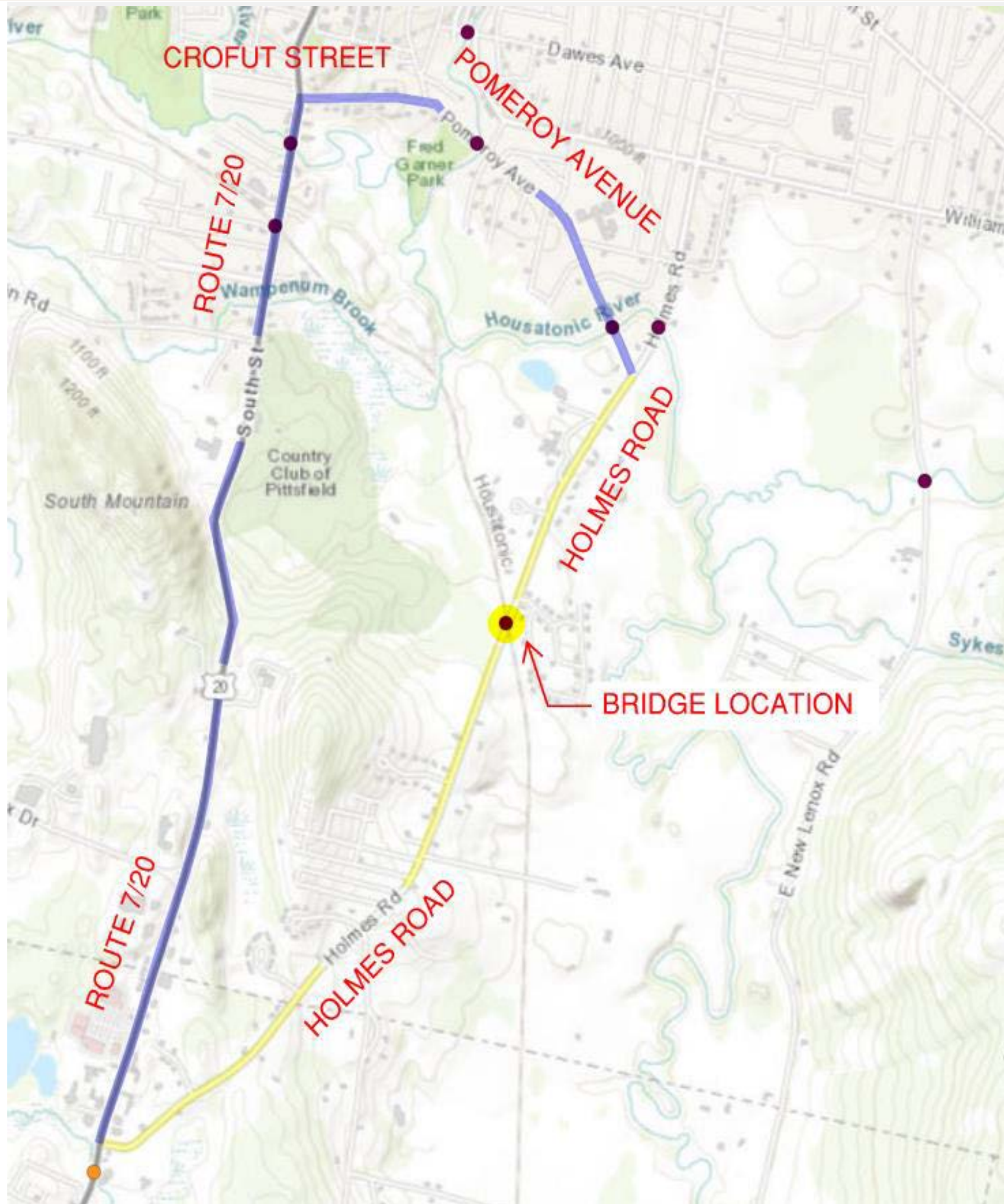


BRIDGE CLOSED

TRAFFIC IMPACTS

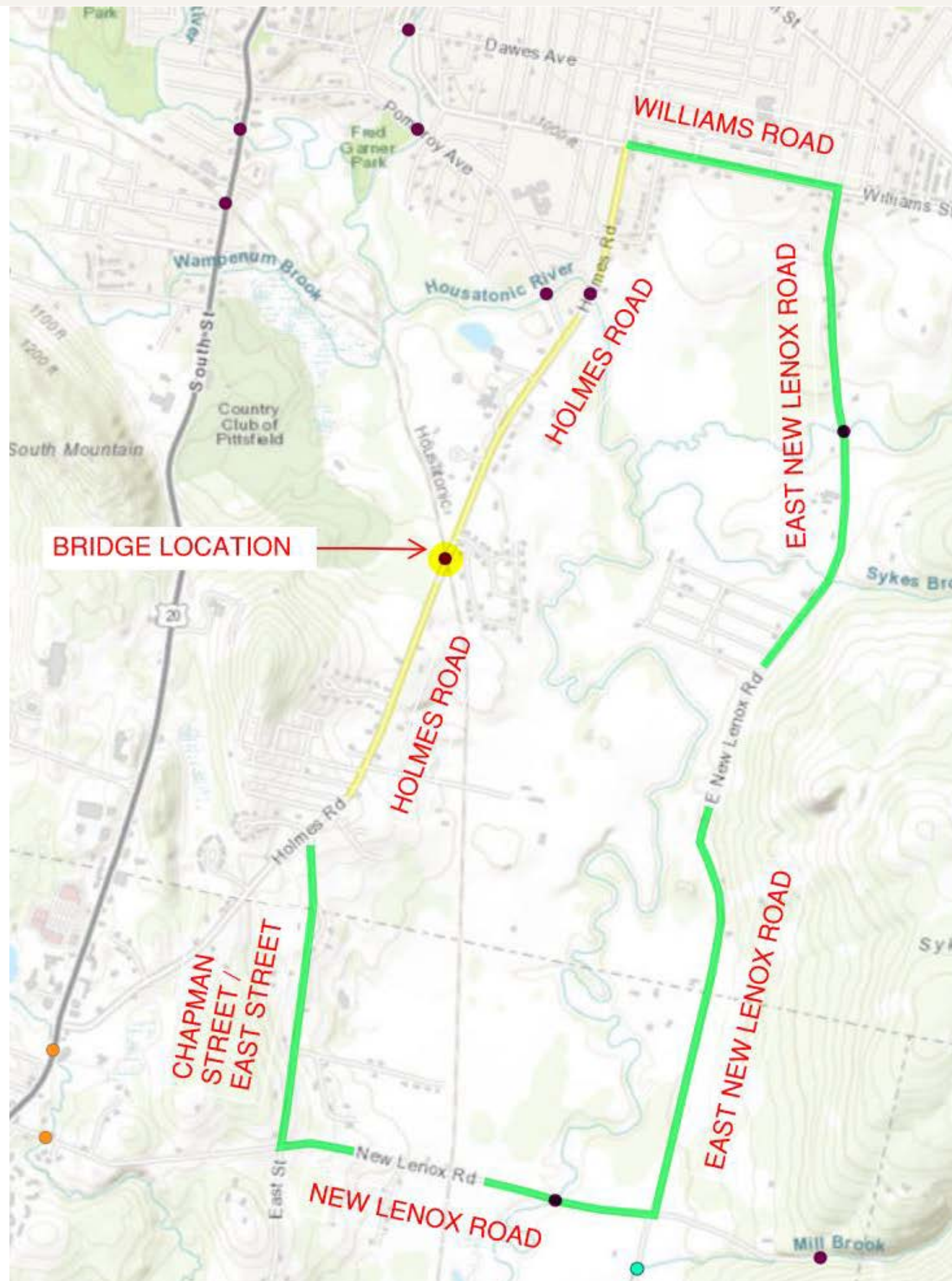
- Complete Roadway Closure for 60 days
 - Use Accelerated Bridge Construction and Extended Work Hours
- Roadway Closure Summer of 2023
 - After 2022-2023 School Year and Before 2023-2024 School Year Begins
- All Through Traffic will be Detoured
- No Pedestrian Access during roadway closure
- Emergency Response to be Coordinated with the City of Pittsfield
- Access to Abutters will be Maintained
- Roadway Opened to Full Two Lanes of Traffic without Signals in Fall of 2023

There will be construction activity before and after road closure, but the roadway will be open.



TRAFFIC IMPACTS - CONTINUED

- Official Detour to be Signed
- Total 1.3 Miles
- Typically, 3 Minutes (from Google Maps)
- From South End of Holmes Road
- Right onto Route 7 / 20
- Right onto Crofut Street
- Right onto Pomeroy Avenue
- Right onto Holmes Road



TRAFFIC IMPACTS - CONTINUED

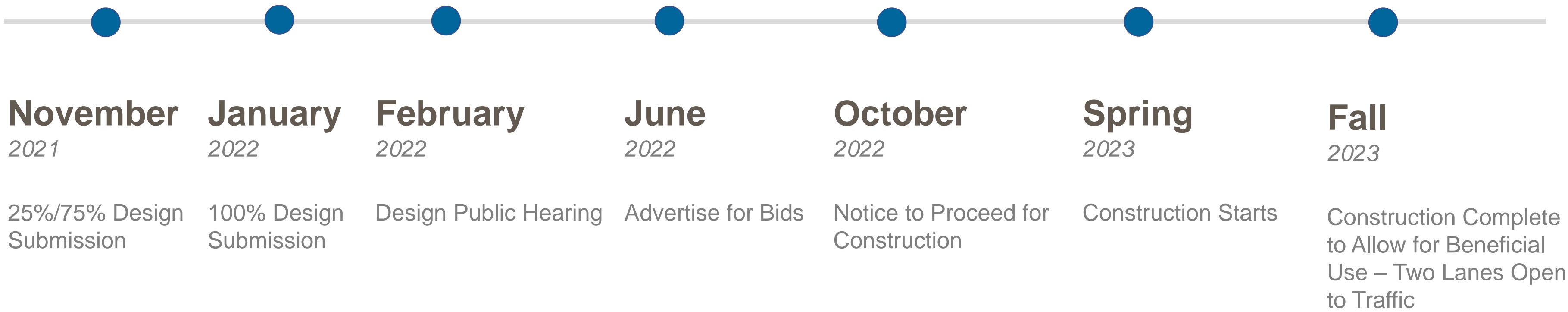
Alternative Route – NOT A SIGNED DETOUR

Total 4.4 Miles

Typically, 7 Minutes (from Google Maps)

- From South End of Holmes Road
- Bear Left onto Chapman Street / East Street
- Left onto New Lenox Road
- Left onto East New Lenox Road
- Left onto Williams Street
- Left onto Holmes Road

PROJECT SCHEDULE



MassDOT is expediting this project by combining the 25%/75% Design Submission

- Currently close to 75% due to previous effort
- Slight redesign required to accommodate revised traffic and bike lanes, along with slightly wider sidewalk.

Questions



Thank You

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