



VIRTUAL DESIGN PUBLIC HEARING PRESENTATIONS

FEBRUARY 8, 2022

FOR THE PROPOSED

**Keyes Hill Road over Umpachene River Bridge Replacement Project
Project No. 609078
Proposed Bridge No. N-08-020 (06N)
Bridge Project Management Section**

IN NEW MARLBOROUGH, MASSACHUSETTS

**COMMONWEALTH OF MASSACHUSETTS
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION**

**JONATHAN GULLIVER
HIGHWAY ADMINISTRATOR**

**CARRIE E. LAVALLEE, P.E.
ACTING CHIEF ENGINEER**

THE COMMONWEALTH OF MASSACHUSETTS
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION – HIGHWAY DIVISION
NOTICE OF A PUBLIC HEARING MEETING
Project File No. 609078

A Live Virtual Design Public Hearing/Public Information Meeting will be hosted on the MassDOT website below to present the design for the proposed Bridge Replacement: Keyes Hill Road over Umpachene River project in **New Marlborough, MA.**

WHEN: 7:00 PM, Tuesday, February 15, 2022

PURPOSE: The purpose of this hearing is to provide the public with the opportunity to become fully acquainted with the proposed Bridge Replacement, N-08-020, Keyes Hill Road over Umpachene River project. All views and comments submitted in response to the meeting will be reviewed and considered to the maximum extent possible.

PROPOSAL: The proposed project consists of the replacement of an existing one-span, multi-steel beam superstructure supported on gravity concrete masonry abutments and wingwalls. The existing bridge span length is 42'-2" center to center bearings. The bridge carries one 14-foot lane of traffic but is used for 2-way direction. The project will reconstruct full depth highway pavement, construct highway guardrail transition, and replace highway guardrails. In addition, the improvement will consist of converting the 14-foot lane to two 9-foot lanes. This change will not modify the roadway geometry in horizontal alignment but little vertical profile adjustment, roadway alignment will remain the same as the existing. Pedestrian and bicycle accommodations will not be part of the project. A detour will be required during the construction.

A secure right-of-way is necessary for this project. Acquisitions in fee and permanent or temporary easements may be required. The Town of New Marlborough is responsible for acquiring all needed rights in private or public lands. MassDOT's policy concerning land acquisitions will be presented in the hearing.

Project inquiries, written statements and other exhibits regarding the proposed undertaking may be submitted to Carrie E. Lavalley, P.E., Acting Chief Engineer, via e-mail to dot.feedback.highway@state.ma.us or via US Mail to Suite 6340, 10 Park Plaza, Boston, MA 02116, Attention: Major Projects, Project File No. 609078. Statements and exhibits intended for inclusion in the public hearing transcript must be emailed or postmarked no later than ten (10) business days after the hearing is posted to the MassDOT website listed below.

This hearing is accessible to people with disabilities. MassDOT provides reasonable accommodations and/or language assistance free of charge upon request (e.g interpreters in American Sign Language and languages other than English, live captioning, videos, assistive listening devices and alternate material formats), as available. For accommodation or language assistance, please contact MassDOT's Chief Diversity and Civil Rights Officer by phone (857-368-8580), TTD/TTY at (857) 266-0603, fax (857) 368-0602 or by email (MassDOT.CivilRights@dot.state.ma.us). Requests should be made as soon as possible prior to the meeting, and for more difficult to arrange services including sign-language, CART or language translation or interpretation, requests should be made at least ten business days before the hearing.

This Live Virtual Design Public Hearing/Public Information Meeting or a cancellation announcement will be hosted on the internet at www.mass.gov/massdot-highway-design-public-hearings.

JONATHAN GULLIVER
HIGHWAY ADMINISTRATOR

CARRIE E. LAVALLEY, P.E.
ACTING CHIEF ENGINEER



Dear Concerned Citizen:

The Massachusetts Department of Transportation (MassDOT) is committed to building and maintaining a transportation infrastructure that is both safe and efficient for all who use our roadways, bridges, bicycle facilities and pedestrian paths, while maintaining the integrity of the environment.

As part of the design process for this project, we are conducting this public hearing to explain the proposed improvements, listen to your comments and answer any questions you may have. At the conclusion of the hearing, MassDOT will review all of your comments and, where feasible, incorporate them into the design of the project.

We recognize that road and bridge construction can create inconveniences for the public. MassDOT places a great deal of emphasis on minimizing the temporary disruptive effects of construction.

MassDOT encourages input from local communities and values your opinions. Please be assured that we will undertake no project without addressing the concerns of the community.

Sincerely,

Carrie E. Lavalley, P.E.
Acting Chief Engineer

WHAT IS A PUBLIC HEARING?

WHY A PUBLIC HEARING?

To provide an assured method whereby the Commonwealth of Massachusetts can furnish to the public information concerning the State's highway construction proposals, and to afford every interested resident of the area an opportunity to be heard on any proposed project. At the same time, the hearings afford the Commonwealth an additional opportunity to receive information from local sources which would be of value to the State in making its final decisions to what design should be advanced for development.

WHY NOT A VOTE ON HIGHWAY PLANS?

The hearings are not intended to be a popular referendum for the purpose of determining the nature of a proposed improvement by a majority of those present. They do not relieve the duly constituted officials of a State highway department of the necessity for making decisions in State highway matters for which they are charged with full responsibility.

WHAT DOES A PUBLIC HEARING ACCOMPLISH?

It is designed to ensure the opportunity for, or the availability of, a forum to provide factual information which is pertinent to the determination of the final alternative considered by the state to best serve the public interest, and on which improvement projects are proposed to be undertaken.

It is important that the people of the area express their views in regard to the proposal being presented, so that views can be properly recorded in the minutes of the meeting. These minutes will be carefully studied and taken into consideration in the determination of the final design.

RIGHT OF WAY CONCERNS

Your Municipality is responsible for securing the right of way for this project. If your property, or a portion of it, must be acquired by the Municipality for highway purposes in the interest of all people of the Commonwealth, your rights are fully protected under the law. Briefly, here are some of the answers to questions you might ask.

1. REASON FOR PROJECT

The completion of this project will serve local needs. The proposed enhancement will also be in the interest of others in the greater community, and provide for the public good.

2. WHO CONTACTS ME?

Representatives of the municipality have already contacted or will contact you. They will explain the procedures used in acquiring any necessary rights in land.

3. WHAT ABOUT DONATIONS? WHAT IS A RIGHT OF ENTRY?

Town officials will often seek donations, of parcels, where permanent rights are required. This procedure will minimize the acquisition cost for your community.

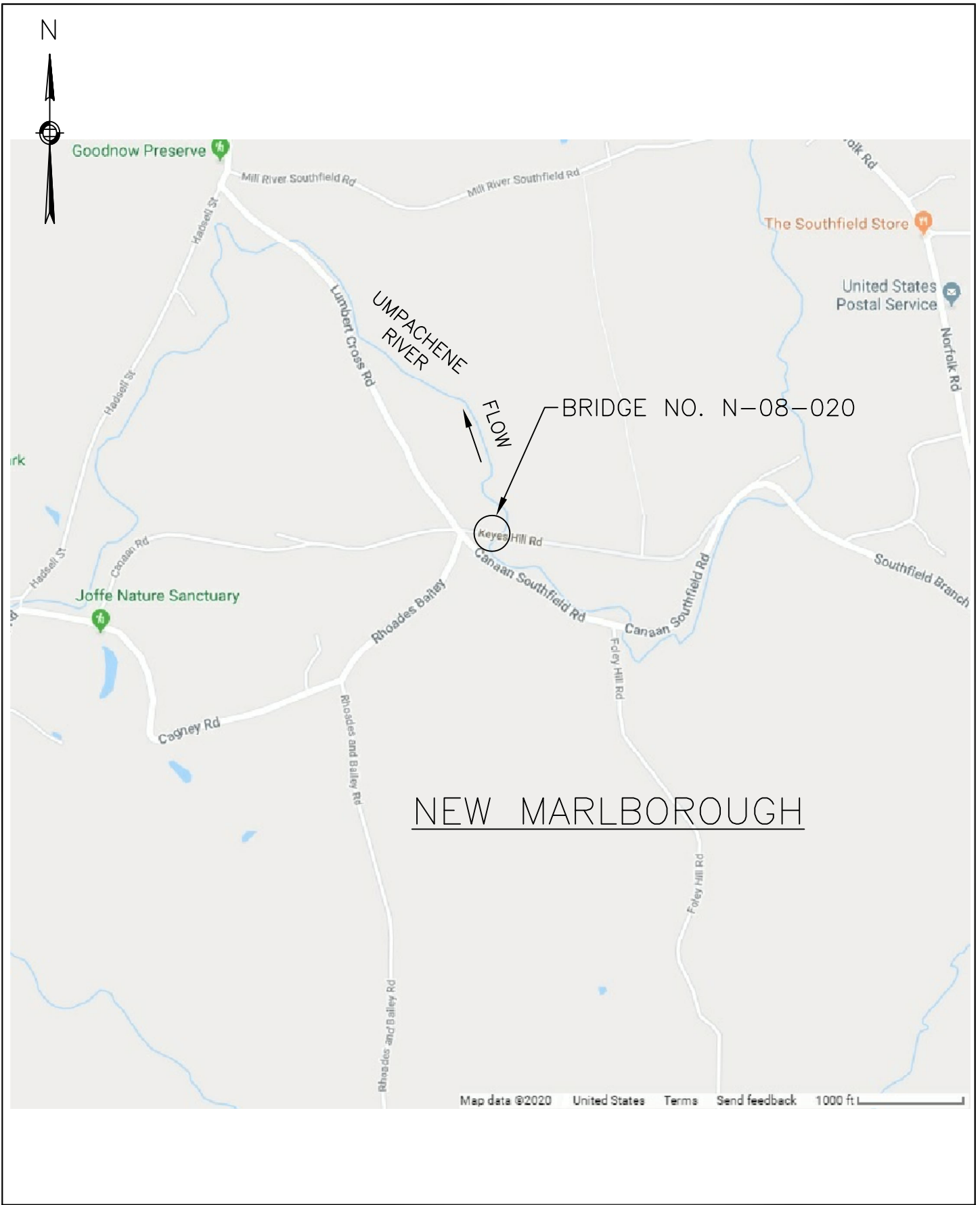
A Right of Entry is a document that is signed by the owner. It allows the Contractor to perform certain types of work on the owner's land. The work is usually minor in nature and frequently consists of loaming/seeding behind sidewalks, new driveway apron work, grading/sloping, and wetland protection, etc. The rights granted are temporary in nature.

4. WHAT IS A FAIR PRICE FOR THE ACQUIRED PARCELS?

In the event that donations are not considered, or completed, every effort will be made to ensure that an equitable value is awarded. Municipal and/or outside appraisers will complete an appraisal. Consideration is given to the type of rights needed, whether in fee, permanent or temporary easements. The appraisal will be the basis for arriving at a fair price (for damages that result).

5. MUST I ACCEPT THE MUNICIPALITY OFFER?

No, if the owner feels that the offer is not fair the owner may petition the courts. This action does not stop or delay the acquisition. The action must occur within 3 years. The owner(s) may be paid pro tanto (for the time being). The pro tanto payment will not prejudice the court's final decision.



massDOT
 Moving Massachusetts Forward
 Highway

BRIDGE NO. N-08-020
 KEYES HILL ROAD OVER
 UMPACHENE RIVER
 NEW MARLBOROUGH, MASSACHUSETTS



PROJECT LOCATION PLAN
 AS NOTED

PREPARED BY
 LAMSON ENGINEERING CORP.
 NEWTON, MASS.

Fig. 1

PROJECT DESCRIPTION

Project Location:

Bridge No. N-08-020 (06N) is located on Keyes Hill Road over Umpachene River in the Town of New Marlborough.

Project Purpose:

The purpose of this project is to replace the structurally deficient bridge with a new structure.

Project Limits:

The project length is 475' from Station 50+50 to Station 55+25.

Existing Conditions:

The existing bridge, constructed in 1938, is a single-span, multi-steel beam superstructure supported on gravity concrete masonry abutments and wingwalls. The bridge carries one (1) 14'-0" travel lane, used for 2-way traffic. The bridge curb-to-curb width is 14'-0" and span length is 42'-2". The bridge is skewed at 22°30'00".

According to the 2020 MassDOT Inspection Report, the Bridge Deck, Superstructure, and Substructure were rated at 6 (Satisfactory Condition), 4 (Poor Condition), and 6 (Satisfactory Condition), respectively. The poor rating for the superstructure is due to the section losses with holes on beam webs near the bearing locations.

The bridge is currently load posted at 3 tons weight limit.

Proposed Improvements:

The proposed bridge consists of four (4) precast concrete arch frames with span length of 72'-0". The overall width of the bridge deck is 21'-3", providing a 18'-0" wide roadway for 2-way traffic. The proposed bridge is not skewed. The proposed improvements also include the following:

- Two (2) 1'-7½" wide new concrete safety curbing on both sides of the bridge.
- Crashed tested S3-TL4 bridge railing on both sides of the proposed bridge.
- Replacement of existing deteriorated superstructure with Precast Concrete Arch System.
- The proposed bridge will be designed according to the AASHTO LRFD requirements with a truck loading of HL-93. Therefore, the new bridge will not have a weight limitation. The existing 3-ton weight limit posting sign can be removed.
- Construction of highway guardrail transition to bridge rail for safety purpose.

Maintenance of Traffic during Construction:

The proposed bridge will be constructed in one stage, and Keyes Hill Road over Umpachene River will be closed to traffic during construction.

During construction, the bridge will be closed for both vehicular and pedestrian traffic. Traffic from Lumbert Cross Road, Canaan Road, Rhoades Bailey, and Canaan Southfield Road to Keyes Hill Road will be detoured to Canaan Southfield Road.

Warning signs for road closure ahead will be posted at roadway intersections along Keyes Hill Road at Lumbert Cross Road, Canaan Southfield Road, Rhodes Bailey, and Keyes Hill Road at Canaan Southfield Road; permitting local traffic only during construction.

Land Acquisitions

Fee Takings, temporary easements, and permanent easements will be required from the adjacent properties for temporary access and construction of the proposed roadway embankments. Acquiring the rights from these properties will be needed for construction.

Project Schedule:

The design plans displayed at this meeting are preliminary. Comments made at this public hearing will be incorporated to the maximum extent feasible in the final design prior to the advertisement of the construction. It is estimated that one (1) construction season will be needed for this construction project.

Project Construction Cost:

The estimated construction cost of this project is \$2,082,079.05.

THE COMMONWEALTH OF MASSACHUSETTS
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION

NON FEDERAL AID PROJECT

New Marlborough, MA
Keyes Hill Road over Umpachene River Bridge Replacement Project
Project File No. 609078

This sheet is provided for your comments. Your input is solicited and appreciated. You may e-mail comments directly to dot.feedback.highway@state.ma.us or you may mail this sheet with any additional comments to:

Carrie E. Lavalley, P.E., Acting Chief Engineer
MassDOT – Highway Division
10 Park Plaza, Boston, MA 02116-3973
Attn: Bridge Project Management Section

Statements and exhibits intended for inclusion in the public hearing transcript must be emailed or postmarked no later than ten (10) business days after the hearing.

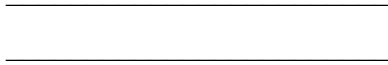
PLEASE TYPE OR PRINT LEGIBLY.

Name: _____ Title: _____

Organization: _____

Address: _____

Please Fold and Tape



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Postage Here

Carrie E. Lavalley, P.E.
Acting Chief Engineer
MassDOT – Highway Division
10 Park Plaza
Boston, MA 02116-3973

RE: Virtual Public Hearing
Keyes Hill Road over Umpachene River Bridge Replacement Project
New Marlborough
Project File No. 609078
Attn: Bridge Project Management Section

