



Westborough Current Status

- Class I Leaks: 0
- Class II Leaks: 2
- Class III Leaks: 20 (7 on mains scheduled for replacement)

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Safety First and Always

Westborough Board of Selectmen
July 28, 2020



Video call participant thumbnails:

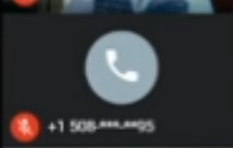
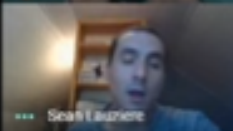
- Jan Johnson
- Kristi Williams
- Leigh Emery
- Sean Lauziere
- Shelby Manser
- +1 508 444 4405
- Daniel Henry

CARBON NEUTRAL

EVERSOURCE

100% BY 2030

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Renewable Natural Gas (RNG)



Renewable Natural Gas

Renewable Natural Gas (RNG) is methane produced from farms, landfills and wastewater treatment plants. It is carbon neutral, versatile and fully compatible with the U.S. pipeline system. It can be used in homes and businesses, in manufacturing and heavy industries, for electricity production and in vehicles. Using RNG with next generation natural gas technologies further reduces emissions.



The combination of new near-zero emission natural gas engine technology and RNG provides the single best opportunity for the U.S. to achieve immediate and substantial nitrogen oxide and greenhouse gas reductions in the on-road heavy-duty transportation sector.

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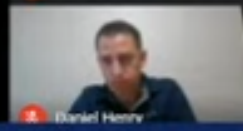
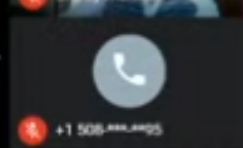
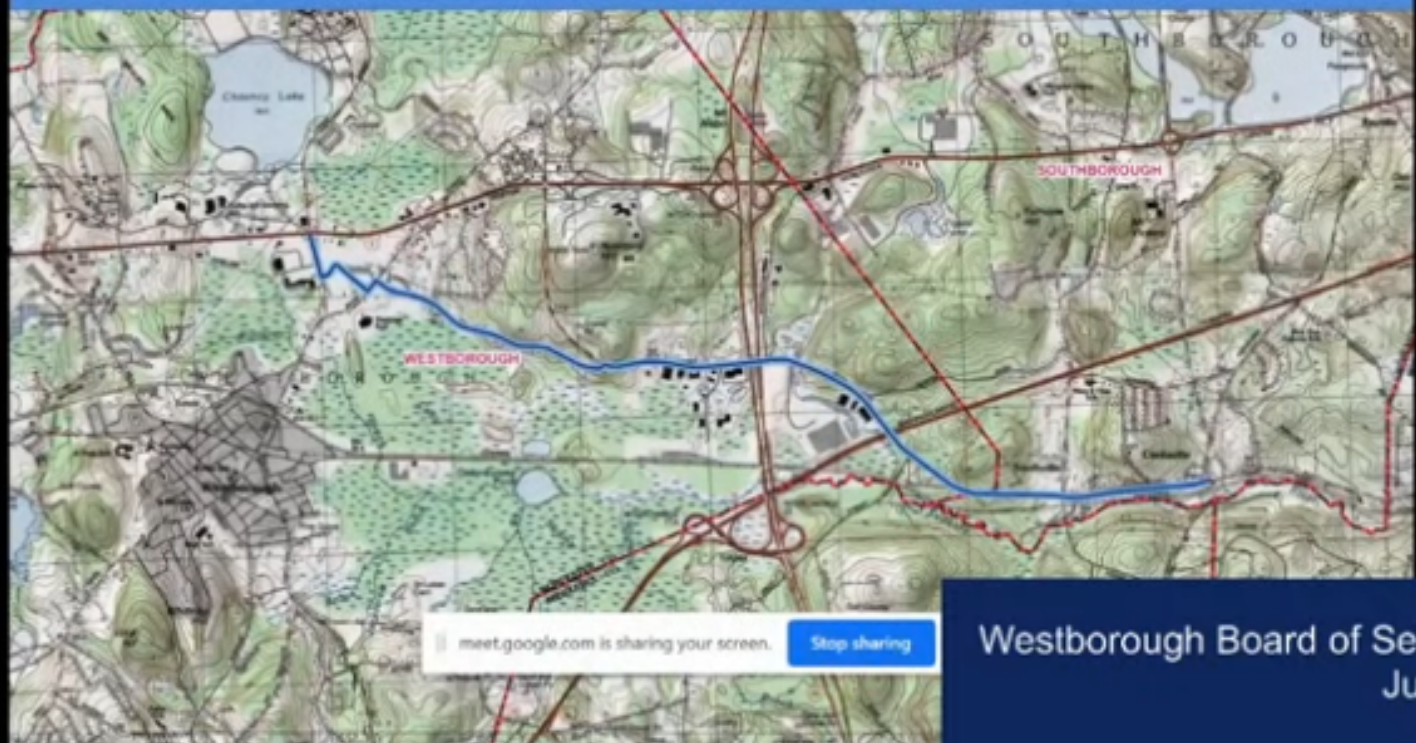
Vertical sidebar of video call participants:

- Jan Johnson
- Kristi Williams
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Worcester Feed Line Improvement Project



Town of Westborough – Board of Selectmen
July 28, 2020



Westborough Board of Selectmen
July 28, 2020

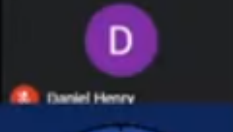
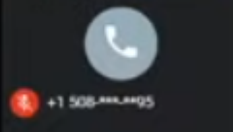
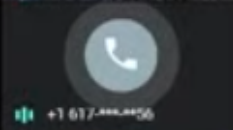




Project Purpose and Need

- Install approximately 5.0 miles of 16-inch coated steel gas main within existing roadways in Southborough and Westborough.
- Required to improve the pressure and overall reliability of the existing Worcester Feed Line between the Wilson Street Station in Hopkinton and the Route 122 Regulator Station in Worcester.
- During peak periods, increased demand and frictional losses cause a pressure drop along the length of the existing Worcester Feed Line between the Wilson Street Station in Hopkinton and the Route 122 Regulator Station in Worcester. The Project will reinforce pressure at the Route 122 regulator and eleven additional regulators along the existing Worcester Feed Line.
- Westborough does not have any district regulators or gate stations located within Town Limits. Westborough is served via district regulators and gate stations in neighboring towns. The majority of those district regulators are supplied via the Worcester Feed Line.

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July 28, 2020





Project Purpose and Need *(continued)*

- The Project will improve the performance of the existing Worcester Feed Line, which will allow Eversource to better serve existing customers (approx. 31,000 total in numerous communities between Hopkinton and Worcester, including approx. 5,000 in Westborough) as well as future customer additions in Westborough.
- Overall, the Project will:
 - 1) Increase pressure at the end of the line to ensure safe and reliable service in Worcester;
 - 2) Incrementally increase the pressure to all 12 regulator stations served via this pipeline, including customers in Westborough; and,
 - 3) Ensure reliable service to existing and potential new customers along the entire length of the Worcester Feed Line.

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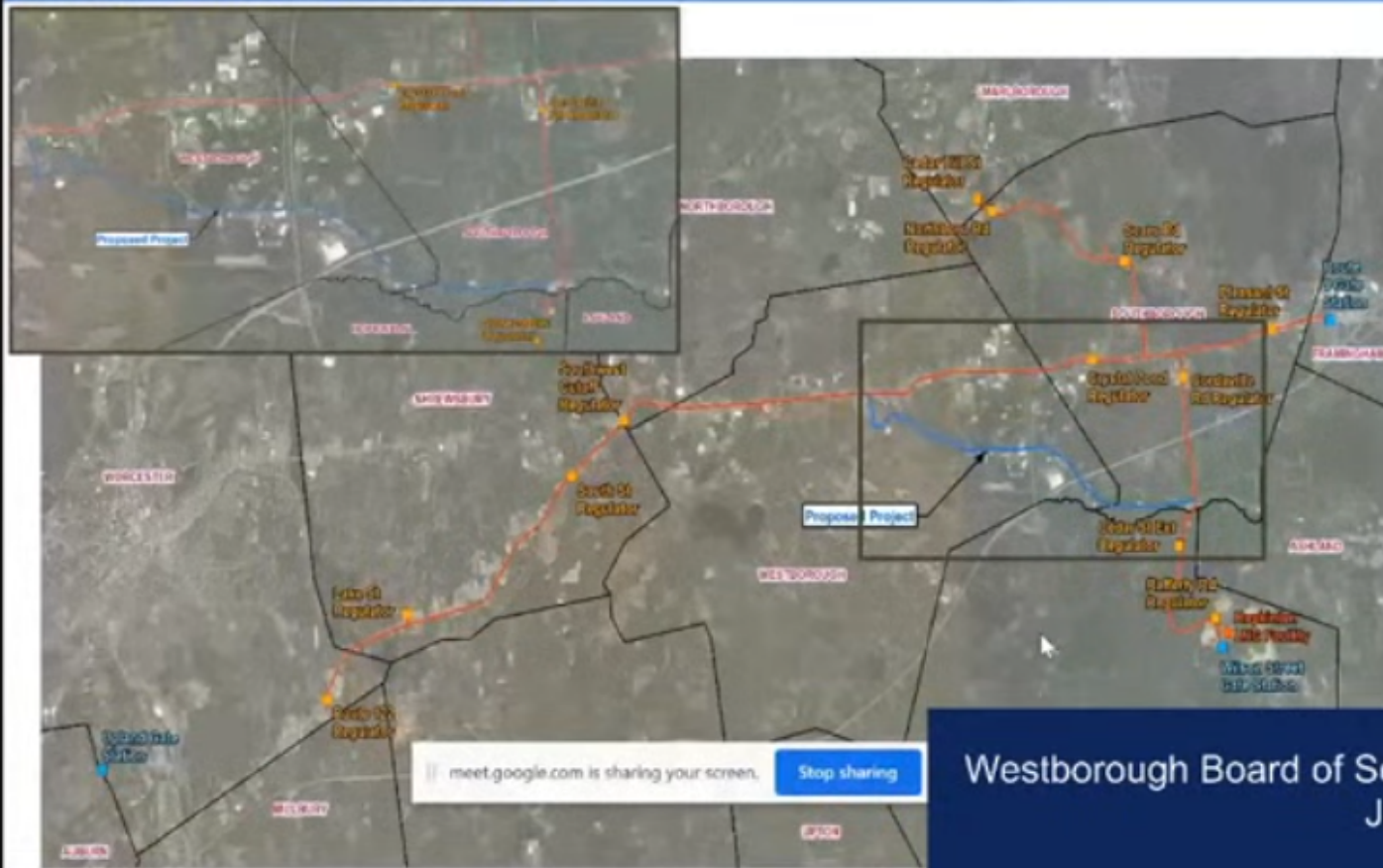
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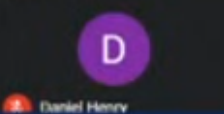
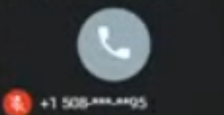
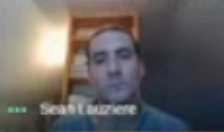
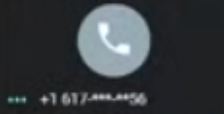




Project Purpose and Need



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July 28, 2020





Project Scope

- Approximately 1.2 miles of new gas main in Southborough and approximately 3.8 miles of new gas main in Westborough.
- Install the new gas main entirely within public roadways.
- Pipeline trench depth 4 - 5 feet; width approximately 3 feet.
- 3 feet (min.) backfill covering new pipe.
- All trenches will be backfilled and paved at the end of each work day. Any excavation not backfilled and paved will be properly protected and secured with road plates.
- All pipe sections of the new 16-inch gas main will be rigorously pressure tested.
- All weld joints will be X-ray tested.
- No new above-ground facilities required for the Project

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Project Scope (continued)

- Eversource will develop Traffic Management Plans (TMPs) for each segment of the Project.
- Traffic management plans will be developed in conjunction with town officials, to ensure proper and safe travel for pedestrians, commuter vehicle traffic and emergency vehicles.
- Eversource will employ proper traffic signage, cones, message boards, flaggers and police details.
- Eversource will continue to coordinate the proposed Project with ongoing and upcoming Town Projects and events, along with MassDOT projects.
- Eversource and its Contractors will utilize offsite laydown areas to store material and equipment.
- Construction will occur between March and November for 2 years starting in 2022 and concluding in 2023 (begin in
- Anticipate completing approximately 2.5 miles

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Video call participants:

- Ian Johnson
- Sean Berthelme
- Sean Lauziere
- Shelby Marshall
- Daniel Henry

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Permits and Approvals

U.S. Environmental Protection Agency
• NPDES Construction General Permit

Energy Facilities Siting Board
• Approval of Petition

Massachusetts Environmental Policy Act (MEPA) Office
• Environmental Notification Form – MEPA Certificate

Massachusetts Historical Commission
• Section 106 Consultation

Massachusetts Department of Transportation
• State Highway Access Permit

Westborough and Southborough Conservation Commissions
• Wetlands Protection Act - Order of Conditions

Westborough and Southborough Board of Selectmen and DPW
• Grants of Location and Street Opening Permits

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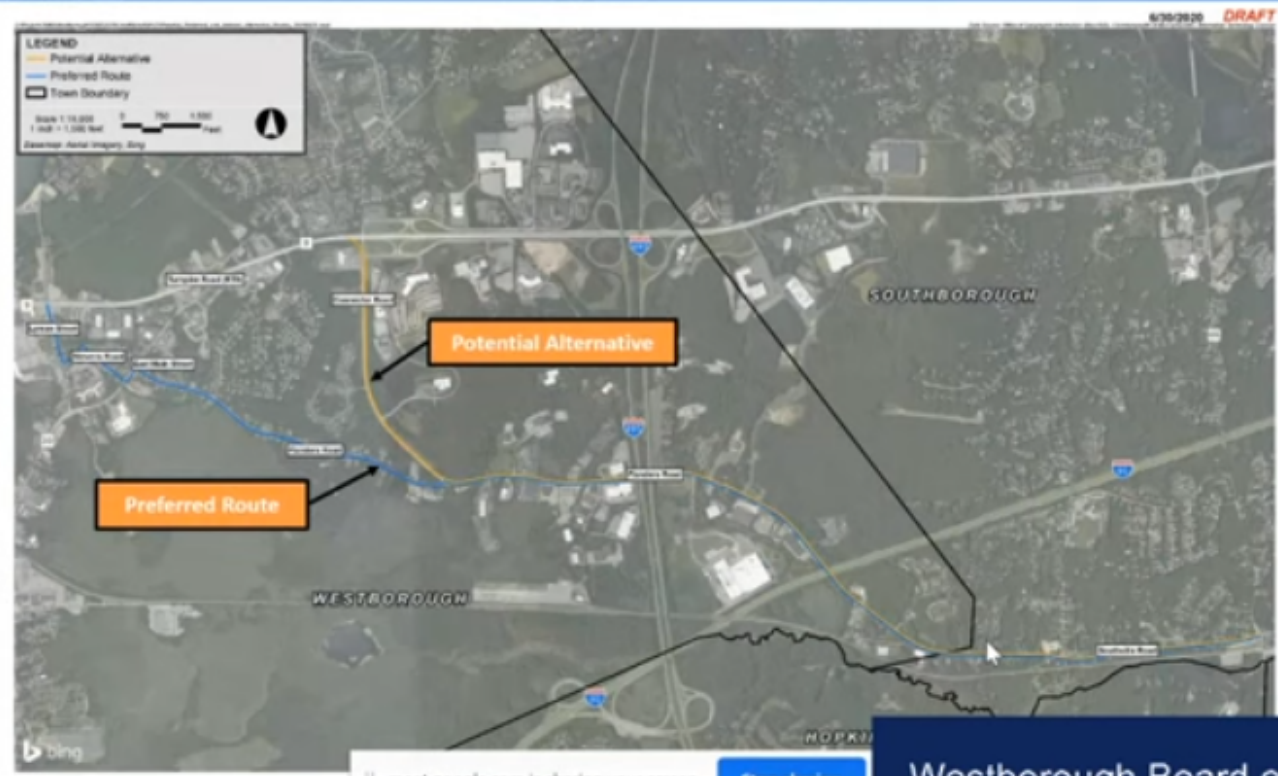
Daniel Henry

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July 28, 2020





Potential Alternative



Worcester Feed Line Improvement Project Southborough
Epsilon

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- Sean Lauziere
- Shelby Marshall
- Daniel Henry

Call controls: Mute, Video Off, End Call, +1 617-444-4955, +1 508-444-4955

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July 28, 2020





Potential Alternative

• Benefits

- Shorter overall route with fewer residential and commercial or industrial land uses adjacent to the route
- Shortest potential construction duration period due to a shorter route length
- Potentially avoids construction on busy Route 9 corridor and avoids construction in the newly re-constructed section of Route 9 at Lyman Street
- Suggested and supported by the Westborough Board of Selectmen at the January 24, 2020 meeting

• Challenges

- Does not fully address project need (~13 psi less reliable than the proposed Preferred Route ending at Lyman Street)
- Potential for ledge
- Potential need for property right acquisition and construction uncertainties

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Video call interface showing participants: Ian Johnson, Sean Berthelame, Sean Lauziere, Shelby Marshall, Daniel Henry. Includes a phone icon and a purple circle with 'D'.



Community/Stakeholder Outreach

- Meetings with Town of Southborough Officials (3/7/19, 6/4/19, and 9/9/19)
- Meetings with Town of Westborough Officials (1/24/19, 5/30/19, 9/10/19, 12/5/19, and 1/24/20)
- Notification to affected and abutting landowners
- Public informational meetings (Southborough – 6/26/19 and 10/30/19; Westborough – 6/20/19 and 10/29/19)
- Agency meetings:
 - MEPA Office (6/5/19)
 - MassDOT (4/14/20)
 - Energy Facilities Siting Board (8/21/19)

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Anticipated Project Schedule

Milestones	Target Dates
Stakeholder Outreach <i>(Government Officials, Agencies, Landowners, other Stakeholders)</i>	Ongoing
Submit MEPA ENF	September 2020
Submit EFSB Petition	September 2020
Submit Wetlands Prot. Act Notices of Intent (Westborough and Southborough)	January 2021
Submit Grant of Location and Street Opening Requests	January 2021
Submit MassDOT State Highway Access Permit	January 2021
Receive All Final Agency Clearances/Permits	December 2021
Construction Segment 1 (Southborough-Westborough)	March-November 2022
Construction Segment 2 (Westborough)	March-November 2023
Worcester Feed Line Project In-Service (Full)	December 2023

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