

August 27, 2021

Melanie Bachman, Executive Director  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: Sub-Petition No.1293-EHW-01

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-EHW-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in East Haven and Wallingford, Connecticut. The work includes replacing four existing wooden H-frame transmission structures with new weathering steel H-frame transmission structures.

Eversource sent the enclosed Sub-Petition to the municipalities of East Haven and Wallingford and notice to owners of directly abutting property (see Proof of Notice).

Please contact me at 860-728-4527 if you have any questions regarding the enclosed Sub-Petition.

Sincerely,



Kathleen M. Shanley  
Manager – Transmission Siting

Attachments:

- Exhibit A. Sub-Petition
- Exhibit B. Sub-Petition Maps
- Exhibit C. Abutter Letter and Proof of Notice
- Exhibit D. Pictures



ATTACHMENT A

**THE CONNECTICUT LIGHT AND POWER COMPANY doing business  
as  
EVERSOURCE ENERGY**

Sub-Petition  
CONNECTICUT SITING COUNCIL —PETITION NO.  
1293  
TRANSMISSION FACILITY ASSET  
CONDITION MAINTENANCE  
IMPROVEMENTS TO COMPLY WITH THE  
UPDATED NATIONAL ELECTRIC SAFETY  
CODE CLEARANCE REQUIREMENTS

Towns: East Haven, Wallingford

Sub-Petition No-1293-EHW-01

Project: 387 Transmission Line Structure Replacement Project

Structure Location: Transmission Structures located in East Haven and Wallingford, Connecticut

I. Introduction

In accordance with Condition 1 of the March 30, 2017 ruling by the Connecticut Siting Council (the "Council") (as set forth in the Council's August 31, 2017 letter) regarding Petition No. 1293 ("CSC Ruling"), The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Sub-Petition.

II. Description of Transmission Work Activities:

Eversource's 387 Transmission Line Structure Replacement Project is part of an ongoing maintenance program, which evaluates the integrity of its utility structures and implements repair, upgrade or replacement in order to assure safe and efficient transmission of power to its customers. An engineering evaluation has determined that, due to asset condition, four structures require replacement on the portion of the 387 Line, which is a 345-kV transmission line that extends from Totoket Junction in North Branford through the towns of East Haven, North Haven and Wallingford to Beseck Substation in Wallingford, Connecticut. The structures require a slight increase in structure height to accommodate clearance requirements.

Eversource plans to conduct transmission structure replacement work to remediate wood structure damage caused by structure age, weather, and woodpecker activity. The following work ("Work Activities") will be performed:

- Replace 4 existing direct-embedded wood guyed-angle structures with 4 new weathering steel guyed angle structures.

- All proposed structures will reach a final height no taller than 5 feet of the existing structures.
- All proposed structures will be installed within 15 feet of the existing structure locations.

III. No Substantial Adverse Environmental Effect:

Eversource respectfully submits that the proposed modifications would have no “substantial adverse environmental effect” pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- Work would take place within Eversource’s existing right-of-way (“ROW”) utilizing existing access routes (collectively the “Work Area”).
- Work Activities would result in +/- 2,821 square feet of temporary wetland impacts limited to matting required for one construction work pad for structure 8773. Work within the wetland system would be conducted in accordance with Eversource’s *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, September 2016 (“BMPs”).
- There are no vernal pools located in the Work Area.
- According to Eversource’s review of the Department of Energy and Environmental Protection’s (“CTDEEP”) Natural Diversity Data Base (“NDDB”), no Work Activities will be located within NDDB areas.
- The structure replacements would require minor tree trimming and/or vegetation mowing within the managed ROW corridor to improve access to portions of the Work Area.
- A review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office revealed that no National or State Register of Historic Places (NR/SR) properties or historic districts are located within 500 feet of the Work Area. Results of the Phase 1A cultural assessment indicate that the work areas have no/low archaeological sensitivity and no additional archaeological examinations were recommended prior to construction.
- Structure height increases of replacement structures average approximately 5 feet. Structure heights will not exceed 110 feet.
- Replacement structures would be located within 15 feet of existing structures.
- There are no 100-year flood zones in the Work Areas where the proposed Work Activities would be performed.
- There would be no change in noise levels following installation of the new structures.
- Any changes in electric and magnetic field levels off of the ROW would be negligible.



#### IV. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

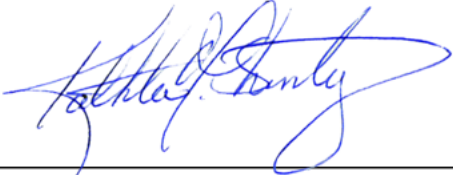
- Erosion and sediment controls (“E&S”) will be employed and maintained, as needed, throughout the execution of the Work Activities in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* and the BMPs.
- Potential impacts to wetlands will be mitigated with the use of temporary matting and adherence to the BMPs.
- Eversource’s contractor will perform construction sequencing such that any earth materials are exposed for a minimum of time before they are covered, seeded, or otherwise stabilized to prevent erosion.
- During construction, when necessary, anti-tracking mats would be installed at construction entrances onto public roads to prevent tracking of soil onto local streets.
- Potential impacts to wetlands will be mitigated with the use of temporary matting and adherence to the BMPs.
- Upon completion of the Work Activities, all disturbed/exposed areas would be stabilized and revegetated. After the establishment of permanent ground cover, Eversource’s contractor would remove the temporary E&S controls and remove/dispose of any accumulated sediments and debris from areas where such measures were used.

#### V. Access

A new gravel access road from Warren Road will be used to access structure 8851. Existing access roads may be hardened and temporarily widened at turning areas to facilitate the safe passage of construction vehicles.

Eversource would access the Work Areas by entering its ROW from existing access points and one temporary access point from public roads and then continue on existing access routes as follows:

- High Hill Road, Wallingford for structures 8764 and 8765
- Durham Road, Wallingford for structure 8773
- Warner Road, Wallingford for structure 8851

By:   
Kathleen M. Shanley  
Manager – Transmission Siting

## Sub-Petition Maps



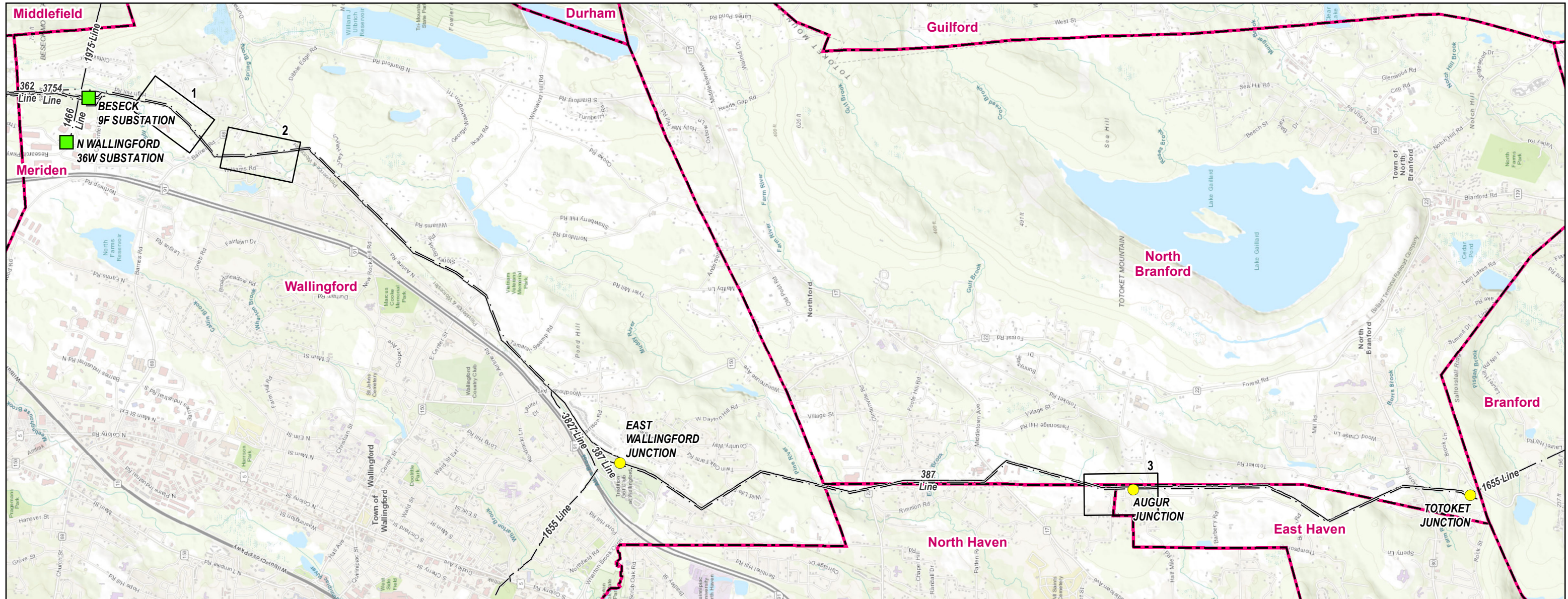
# 387 Line Structure Replacements Project

BESECK 9F TO TOTOKET JUNCTION  
WALLINGFORD AND EAST HAVEN, CT

Sub-Petition Map Set

FINAL Map Set

Date: August 27, 2021

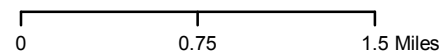


### Legend

- Substations
- Junction
- Municipal Boundary
- Eversource Owned Property
- Map Sheet

PREPARED FOR:  
**EVERSOURCE**  
ENERGY

107 Selden Street  
Berlin, CT 06037



**INDEX OF FIGURES**  
Title Sheet / Index Map  
Abutter Tables & Map Sheets 1-3

NO.	DATE	REVISIONS

PREPARED BY:

**AECOM**

500 Enterprise Drive  
Rocky Hill, CT 06067



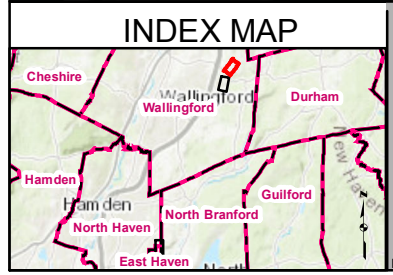


**Wallingford**

Public Water Supply Watershed (Entire Page)

Public Water Supply Watershed Wallingford Reservoirs

BMS FEDERAL CREDIT UNION

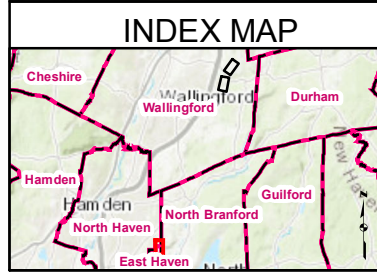
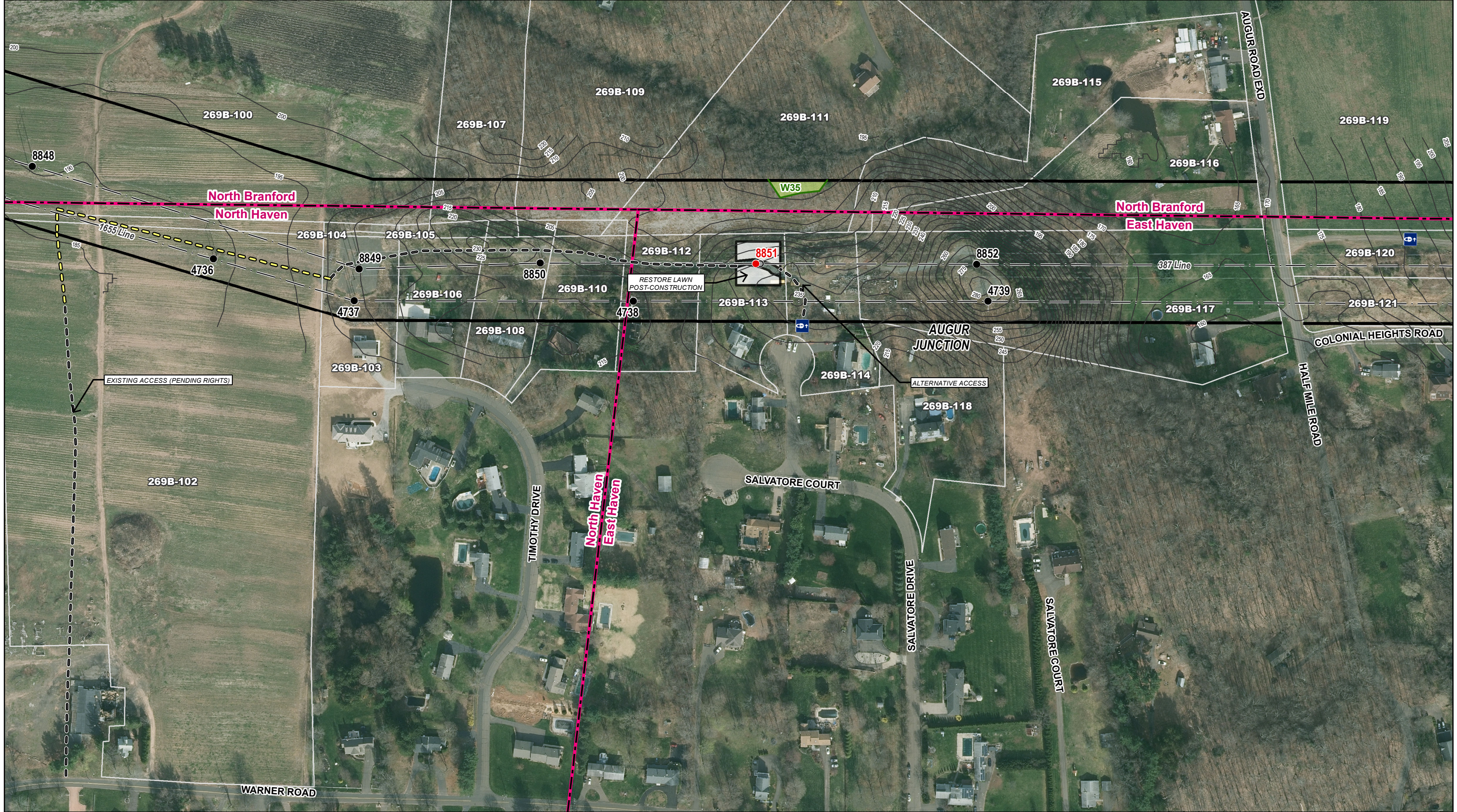


<p><b>Legend</b></p> <ul style="list-style-type: none"> <li>● Existing Structure Str.Label</li> <li>○ Existing Structure to be Removed Str.Label</li> <li>● Proposed Structure Str.Label</li> <li>— Overhead Eversource Line</li> <li>109 Parcel Boundary/LLN</li> </ul>		<ul style="list-style-type: none"> <li>— Field Delineated Wetland Boundary Outline</li> <li>Field Delineated Wetland</li> <li>Eversource Owned Property</li> <li>Existing Right-of-Way (ROW)</li> <li>Public Watershed Protection Area</li> </ul>		<ul style="list-style-type: none"> <li>Rare Species (June 2021)</li> <li>Municipal Boundary</li> <li>5' Elevation Contour</li> <li>Existing Access</li> </ul>		<p>57 State Highway</p> <p>1 inch = 200 feet</p> <p>0 100 200 Feet</p>		<p><b>EVERSOURCE ENERGY</b></p> <p><b>387 Line Structure Replacements Project</b></p> <p>Wallingford, CT</p> <p>Date: August 27, 2021</p> <p><b>MAP SHEET 1 OF 3</b></p>		<p><b>AECOM</b></p>															
<p>Note: Base Map Source: CTECO 2019 Aerial Imagery. All incompatible species, defined as being over 15 feet at maturity will be removed from wire zone or 25 feet from outer conductor to maintain required conductor clearances.</p>						<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISIONS</th> <th>BY</th> <th>CHK</th> <th>APP</th> <th>APP</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DATE	REVISIONS	BY	CHK	APP	APP											
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**Legend**

- Existing Structure Str.Label
- Existing Structure to be Removed Str.Label
- Proposed Structure Str.Label
- Overhead Eversource Line
- 109 Parcel Boundary/LLN
- Field Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Existing Right-of-Way (ROW)
- Municipal Boundary
- 5' Elevation Contour
- - Existing Access
- - Proposed Access

57 State Highway

1 inch = 200 feet

0 100 200 Feet

Note: Base Map Source: CTECO 2019 Aerial Imagery. All incompatible species, defined as being over 15 feet at maturity will be removed from wire zone or 25 feet from outer conductor to maintain required conductor clearances.

<b>EVERSOURCE ENERGY</b>			
<b>387 Line Structure Replacements Project</b>			
North Branford, East Haven and North Haven, CT			
Date: August 27, 2021		<b>AECOM</b>	
NO.	DATE	REVISIONS	BY CHK APP APP
<b>MAP SHEET 3 OF 3</b>			







# Abutter Letter and Proof of Notice

August 27, 2021

Dear Neighbor,

As part of our everyday effort to deliver reliable energy to our customers and communities, we're planning work in your area to replace electric transmission structures. Maintaining the infrastructure that supports the electric lines is one of the ways Eversource ensures the safe, secure transmission of electricity throughout the region.

You're receiving this letter and a copy of the Sub-Petition because the proposed work would be taking place within the right-of-way in Wallingford and East Haven. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-EHW-01 this week to the Connecticut Siting Council (CSC) for its review.

### **About This Electric System Improvement: What You Can Expect**

First, we want you to know that this work will not interrupt electric service to your area.

As part of this project, we are proposing to replace, and slightly increase the height of existing wood structures. The new, weathering steel structures will increase in height by 5 feet or less.

We are proposing to do the work within the existing rights of way on or near your property. The new structures will provide continued reliability of the transmission system.

The safety of our employees, our customers, and the public is our top priority during the ongoing coronavirus public health crisis. Our commitment to safety, first and always, is continuous.

At the same time, Eversource must fulfill its foundational mission to deliver safe, reliable services to our customers. We continue to call on our employees and contractors to perform essential work, such as this proposed project, that maintains and improves the reliability of our networks, while also adapting our work practices to incorporate social distancing, heightened hygiene, and other best practices to protect their, and the public's, health.

### **Connecticut Siting Council Process and Timing**

With this letter, Eversource is providing notice to you of its proposed work activity, as described in the enclosed Sub-Petition. If you have any comments or concerns about the project, please send them to the CSC at the following address within 30 days of the date of this letter: Melanie Bachman, Executive Director; Connecticut Siting Council; Ten Franklin Square; New Britain, CT 06051. You may also email them to the [siting.council@ct.gov](mailto:siting.council@ct.gov). If you choose to send comments to the CSC, please reference Sub-Petition No. 1293EHW-01 in your correspondence.

### **Our Commitment to You**

We are committed to being a good neighbor and doing our work with respect for you and your property. If you would like more information about this work please call 1-800-793-2202, or send an email to [ProjectInfo@eversource.com](mailto:ProjectInfo@eversource.com). Thank you.

Sincerely,

*Aparna Phadnis*

Aparna Phadnis  
Project Manager for Eversource Energy

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT     )  
   ) ss. Berlin  
COUNTY OF NEW HAVEN     )

Sec. 16-50j-40 of the Regulations of Connecticut State Agencies ("RCSA") provides that proof of notice to the affected municipalities, property owners and abutters shall be submitted with a petition for declaratory ruling to the Connecticut Siting Council ("Council"). In accordance with that RCSA section, I hereby certify that I caused notice of the petition for a declaratory ruling of The Connecticut Light and Power Company doing business as Eversource Energy to be served by mail or courier upon the following municipal officials:

- Mayor William Dickinson  
Town of Wallingford  
Wallingford Town Hall  
45 South Main Street  
Wallingford, CT 06492
- Mayor Joseph Carfora  
Town of East Haven  
250 Main Street  
East Haven, CT 6471

I also certify that I caused notice of the proposed modifications to be served by mail or courier upon owners of abutting properties shown on the List of Abutters included in Exhibit C of the Sub-Petition.

*Aparna Phadnis*

Aparna Phadnis  
Project Manager

On this the 27th day of August 2021, before me, the undersigned representative, personally appeared, Aparna Phadnis, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that she executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

Signature: *Andrew W. Sol* \_

Notary Public/My Commission expires: \_\_\_\_\_

Officer of the Superior Court/ Juris No.: 413393\_\_\_\_\_

# Pictures

Structure 8851 Wood Pecker Damage and Holes





Structure 8873 Wood Pecker Damage and Wood Splitting



Structure 8764 Wood Pecker Damage and  
Wood Splitting





Structure 8764 Wood Pecker Damage





Structure 8765 Wood Pecker Damage and  
Wood Splitting



Structure 8765 Wood Splitting



Structure 8764 Wood Pecker Damage

