



56 Prospect Street  
P.O. Box 270  
Hartford, CT 06103

**Kathleen M. Shanley**  
Manager – Transmission Siting  
Tel: (860) 728-4527

October 6, 2020

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

Re: Sub-Petition No. 1293-WA-01

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-WA-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Wallingford, Connecticut. The work includes replacing one existing wood transmission structure with a new weathering steel transmission structure.

Eversource notified the officials of the municipality of Wallingford of Eversource's submission of the Sub-Petition and sent copies of the Sub-Petition to owners of directly abutting properties (see Proof of Notice).

Per the Council's instructions in response to COVID-19, Eversource is submitting this filing electronically and will be providing one hard copy for the Council's records. Eversource further understands that the Council will invoice the Company for the requisite \$625 filing fee.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley". The signature is fluid and cursive, with a large loop at the end.

Enclosures

Attachments:  
Exhibit A: Sub-Petition  
Exhibit B: Photographs  
Exhibit C: Maps  
Exhibit D: Abutter Letter and Proof of Notice

**ATTACHMENT A**  
**SUB-PETITION**

**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 ELECTRICAL  
SAFETY CODE CLEARANCE REQUIREMENTS

Town: Wallingford

Sub-Petition 1293-WA-01

Project: 1630 Transmission Line Structure Replacement Project

Structure Locations: One Transmission Line Structure located in 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 March 31, 2017 letter) regarding Petition No. 1293, The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Sub-Petition.

II. Description of Transmission Work Activities:

Eversource's 1630 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 ensure the safe and reliable transmission of power to its customers. Due to asset condition, one structure requires replacement on the 1630 Line adjacent to Wallingford Electric's Walrec Substation in Wallingford, Connecticut. The 1630 Line, in its entirety, is a 115-kilovolt line that extends from Wallingford Electric's Wallingford substation to Walrec Substation to United Illuminating's North Haven Substation in North Haven. The structure to be replaced is a wood H-Frame structure that will require a slight increase in structure height to comply with current clearance requirements.

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

- Replace one existing wood H-Frame structure, Structure 4683, with a new weathering steel H-Frame structure.

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:

- a) All Work Activities would take place within Eversource's existing right-of-way ("ROW") utilizing an existing access road (collectively the "Work Areas"). A portion of the existing access road would be improved.
- b) The Work Activities would not result in any impacts to wetlands.

Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, September 2016 ("BMPs") to avoid impacts to nearby wetland and watercourse resources.

- c) No vernal pools or vernal pool envelopes are located in proximity to the proposed Work Areas.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDDB"), no Work Areas are proposed within a NDDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land. Therefore, the Work Areas would not be subject to an NDDDB Review Request. Work would be conducted in accordance with Eversource's BMPs to avoid or minimize impact to terrestrial habitats that may support rare species. With these protective measures, no adverse impacts to state-listed rare species are anticipated.
- e) The Work Activities will not require any tree clearing. However, Eversource may need to undertake tree trimming and/or vegetation removal/mowing within the Work Areas for conductor clearance and/or to improve access to portions of the Work Areas.
- f) A Phase 1A assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") did not identify any National or State Register of Historic Places properties/districts or archeological sites within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs, and available soil profiles, the proposed Work Areas were identified to possess no/low archaeological sensitivity; therefore, Heritage advised that no further examination is recommended or warranted.
- g) The replacement structure will increase in height by approximately five feet.
- h) There are no 100-year flood zones in the Work Areas.
- i) No change in noise levels would result from the installation of the new structure and the applicable line would continue to comply with the State of Connecticut noise regulations.
- j) Any changes in electric and magnetic field levels outside 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, for the duration of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Eversource's contractor will perform construction sequencing such that any earth materials are exposed for a minimum amount 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 to public roads to prevent tracking of soil onto local roads.
- Upon completion of the Work Activities, all disturbed/exposed areas will be stabilized and revegetated as needed. After establishing 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:

No new permanent access roads would be constructed to facilitate access to the structure within the ROW. The existing access road may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles.

Eversource will access the Work Areas by entering the ROW from an existing access point on South Cherry Street in Wallingford.

By:

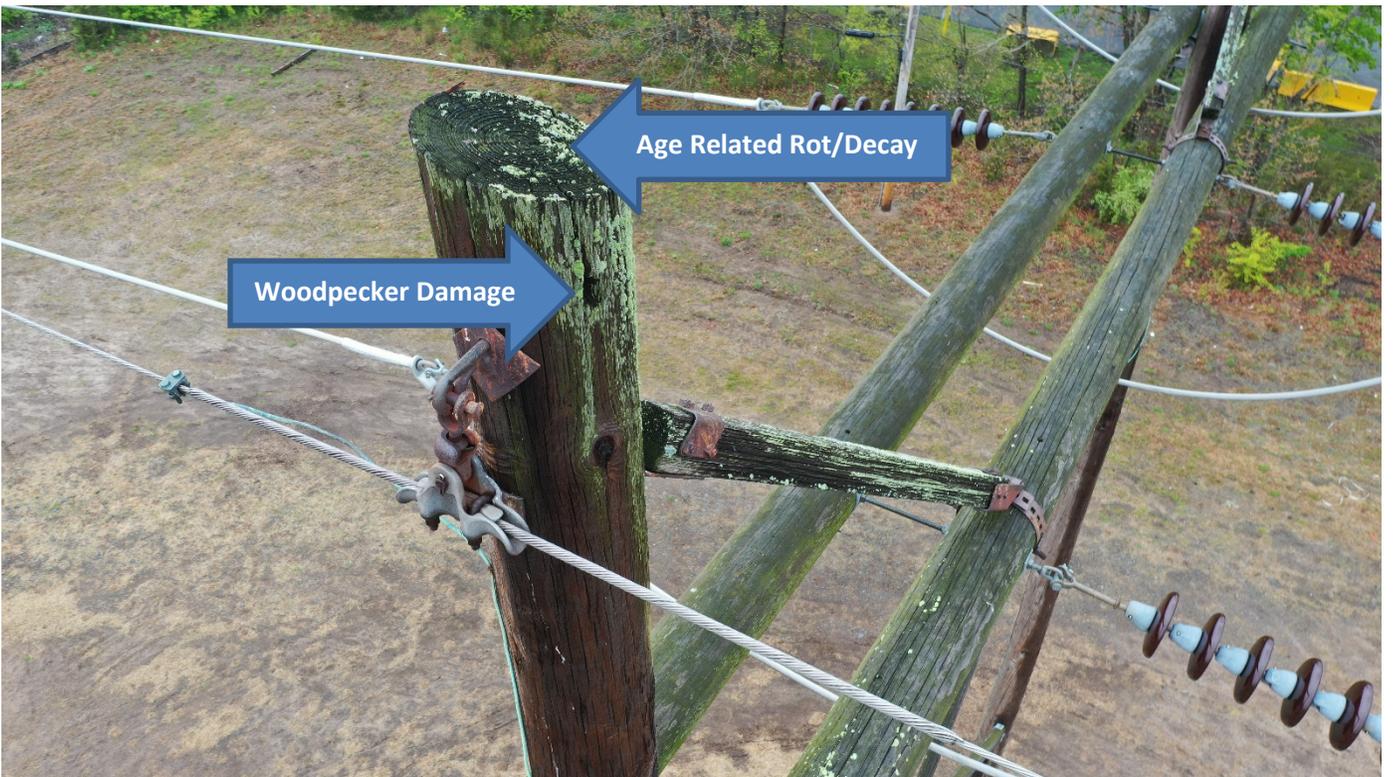


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Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS**

Structure #4683



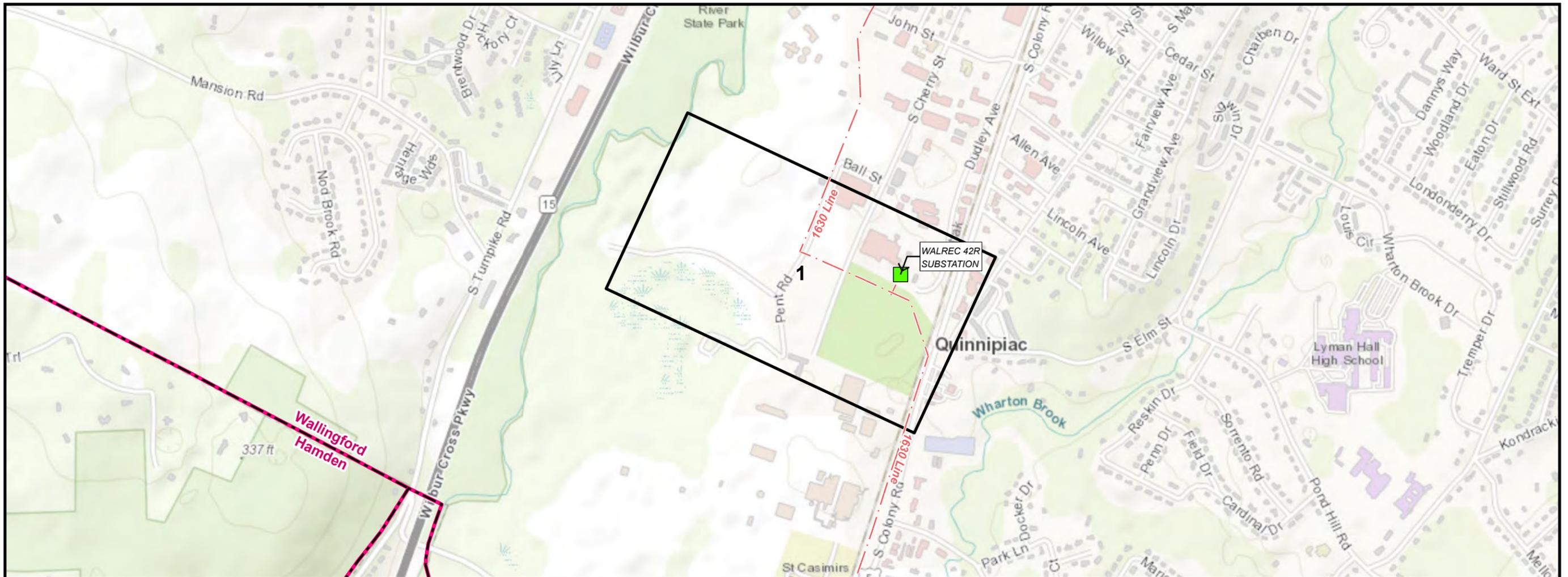
**ATTACHMENT C**

**MAPS**

# 1630 Line - Structure Replacement Project

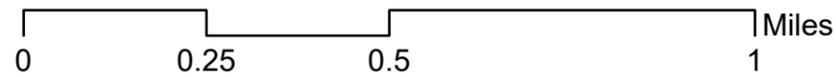
Wallingford, CT  
Sub-Petition Map Set

September 30, 2020



### LEGEND

- - - Overhead Eversource Line
- Substation
- Municipal Boundary
- Map Sheet



### INDEX OF FIGURES

T1 - Title Sheet  
Map Sheet 1 & Abutter's Table

PREPARED FOR:



107 Selden Street  
Berlin, CT 06037

PREPARED BY:

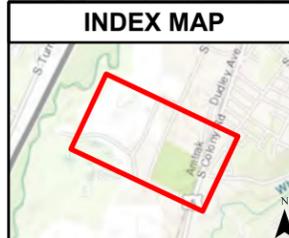
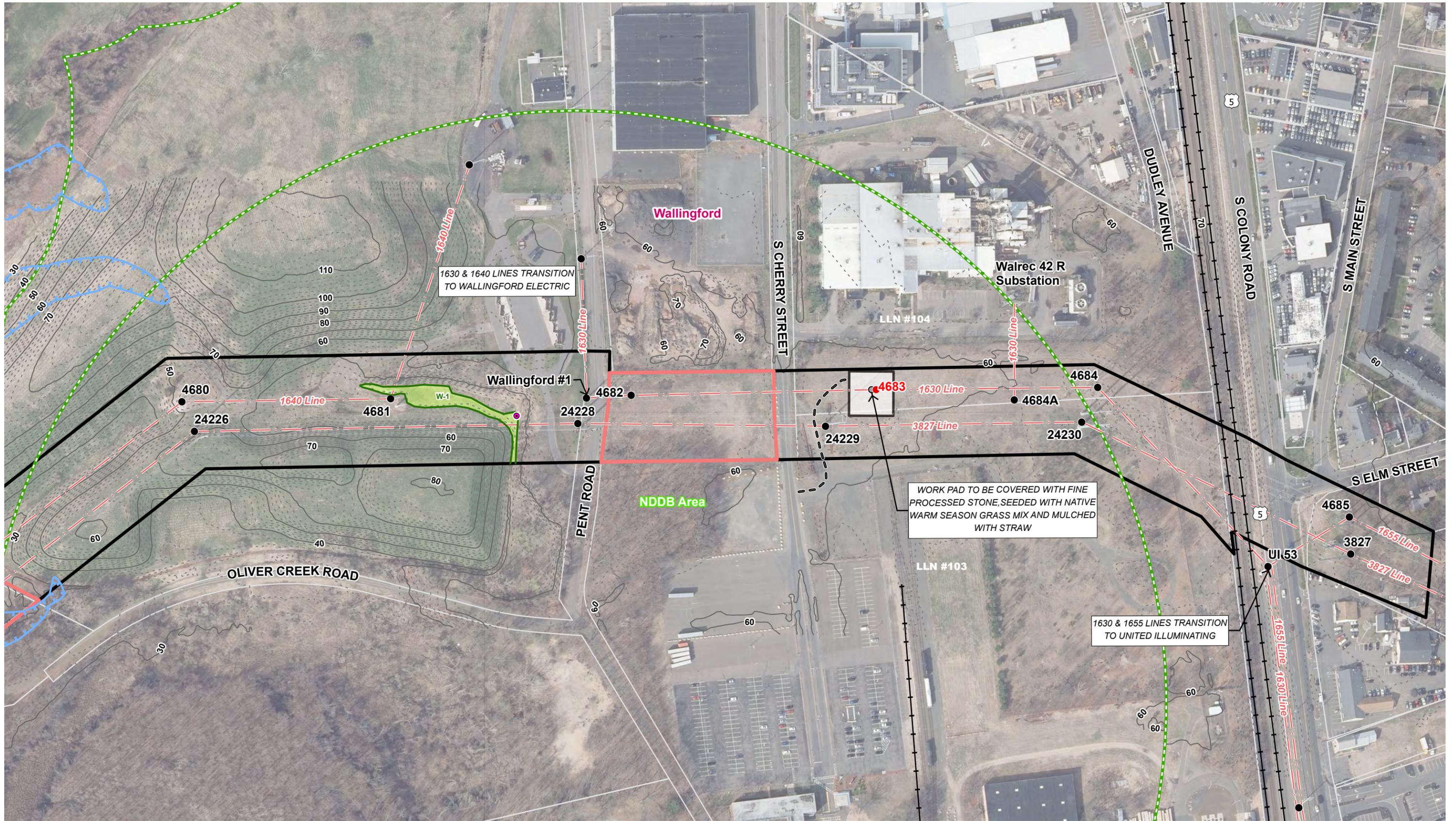


100 Great Meadow Road  
Suite 200  
Wethersfield, CT 06109

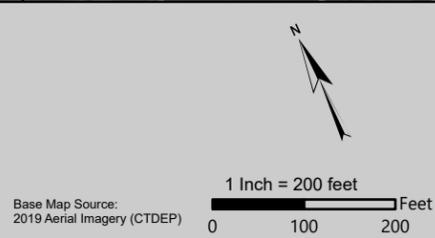
**1630 Line Structure Replacement Project**

**Map Sheet 01 Abutter's Table**

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
103	Allnex Usa Inc	N/A	528 South Cherry St	Wallingford	CT
104	Country Holding Company LLC	N/A	530 South Cherry St	Wallingford	CT



Legend	
● Proposed Structure	--- Existing Access
● Existing Structure	▭ Stone Work Pad
○ Existing Structure to be Removed	▭ FEMA 100-Year Flood Zone
— Existing Right-of-Way (ROW)	▭ Rare Species (NDDB June 2020)
- - - Overhead Eversource Line	— Railroad
	— 10' Contour Line
	- - - 2' Contour Line
	▭ Parcel Boundary
	▭ Eversource Owned Property



<b>EVERSOURCE ENERGY</b>	
<b>1630 Line - Structure Replacement Project</b>	
Date: September 30, 2020	
Wallingford, CT	
	Map Sheet 1 of 1

**ATTACHMENT D**  
**ABUTTER LETTER AND**  
**PROOF OF NOTICE**

October 6, 2020

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. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-WA-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 one structure due to structure age, weather, and/or woodpecker activity. The new structure will comply with current clearance requirements and 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. 1293-WA-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,

*Brian Lusas*

Brian Lusas  
Eversource Project Manager – Transmission Projects

