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P.O. Box 270  
Hartford, CT 06103

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

August 18, 2021

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

Re: Sub-Petition No. 1293-OX-02

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-OX-02 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Oxford, Connecticut. The work includes replacing one existing wood transmission structure with a new weathering steel transmission structure.

Eversource notified the officials of the Town of Oxford of Eversource's submission of the Sub-Petition and sent a copy of the Sub-Petition to the owner of the directly abutting property (see Proof of Notice).

Enclosed please find an original and 3 copies of this filing.

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".

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: Oxford

Sub-Petition: 1293-OX-02

Project: 1142 Transmission Line Structure Replacement Project

Structure Location: One Transmission Line Structure located in Oxford, 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 1142 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. The 1142 Line, in its entirety, is a 115-kilovolt line that extends from Eversource's Towantic Substation in the Town of Oxford to its South Naugatuck Substation in the Town of Naugatuck, both in New Haven County. Due to asset condition, one structure requires replacement on the 1142 Line at a location where the Eversource right-of-way ("ROW") is east of and generally parallel to Chestnut Tree Hill Road in Oxford<sup>1</sup>. The structure to be replaced is a 3-pole wood structure that will require an increase in structure height to comply with current clearance requirements.

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

- Replace one existing wood dead-end structure, Structure 1546, with a new direct embed, light-duty weathering 3-pole steel structure.

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<sup>1</sup> In the Project area, Eversource's 1580 Line is co-located with the 1142 Line in the ROW. Along portions of the ROW, the 1142 and 1580 lines occupy the same structures in a double-circuit configuration. However, the two 115-kV lines are supported by separate structures (both designated No. 1546) at the line angle.

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 the ROW utilizing an existing on-and off-ROW access road (collectively the "Work Areas"). The existing access road would be improved as needed. To reach Structure 1546, which is located in the ROW in Naugatuck State Forest, Eversource proposes to use a short existing off-ROW access from Chestnut Tree Hill Road; an approximately 50-foot-long portion of this road extends across Naugatuck State Forest. Accordingly, Eversource applied to and received from the Connecticut Department of Energy and Environmental Protection ("CT DEEP") a Special Use License ("SUL") that will allow the use of the portion of the access road in the state forest.
- b) The Work Activities would not result in any impacts to wetlands or watercourses, or to Seymour Reservoir No. 4, located southwest of the ROW. 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 Seymour Reservoir Number 4, the only water resource in the vicinity of the Work Areas.
- c) No vernal pools or vernal pool envelopes are in proximity to the proposed Work Areas.
- d) Based on review of the CT DEEP Natural Diversity Database ("NDDB"), the Work Areas are within a NDDB polygon area and are on CT DEEP property. Therefore, Eversource has submitted an NDDB Review Request to CT DEEP and is currently consulting with CT DEEP regarding the proposed Project. Eversource will conduct Work Activities in accordance with state-listed species protection measures as recommended by CT DEEP. With these protective measures, no adverse impacts to state-listed rare species are anticipated.
- e) The Work Areas are within New England Cottontail ("NEC") key habitat. Accordingly, Work Activities will be performed in accordance with Eversource's 2019 BMPs for NEC focus areas.
- f) 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.
- g) 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 designated as no/ow sensitivity; therefore, Heritage advised that no further examination of the Work Areas is necessary; no impacts to cultural resources are anticipated as a result of the Work Activities.
- h) The replacement structure will have a height that is approximately 9 feet greater than the existing structure.
- i) There are no 100-year flood zones in the Work Areas.
- j) No change in noise levels would result from the installation of the replacement structure and the applicable line would continue to comply with the State of Connecticut noise regulations.

k) 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:

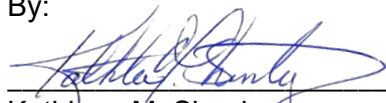
- Erosion and sediment controls ("E&S") will be employed and maintained, as needed, for the duration of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Eversource will adhere to the requirements of the SUL for the Work Activities in the state forest.
- Any NDDDB recommendations regarding state-listed species protective measures will be incorporated into Eversource's BMPs during construction.
- 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 for the Project. Portions of the existing access road may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles.

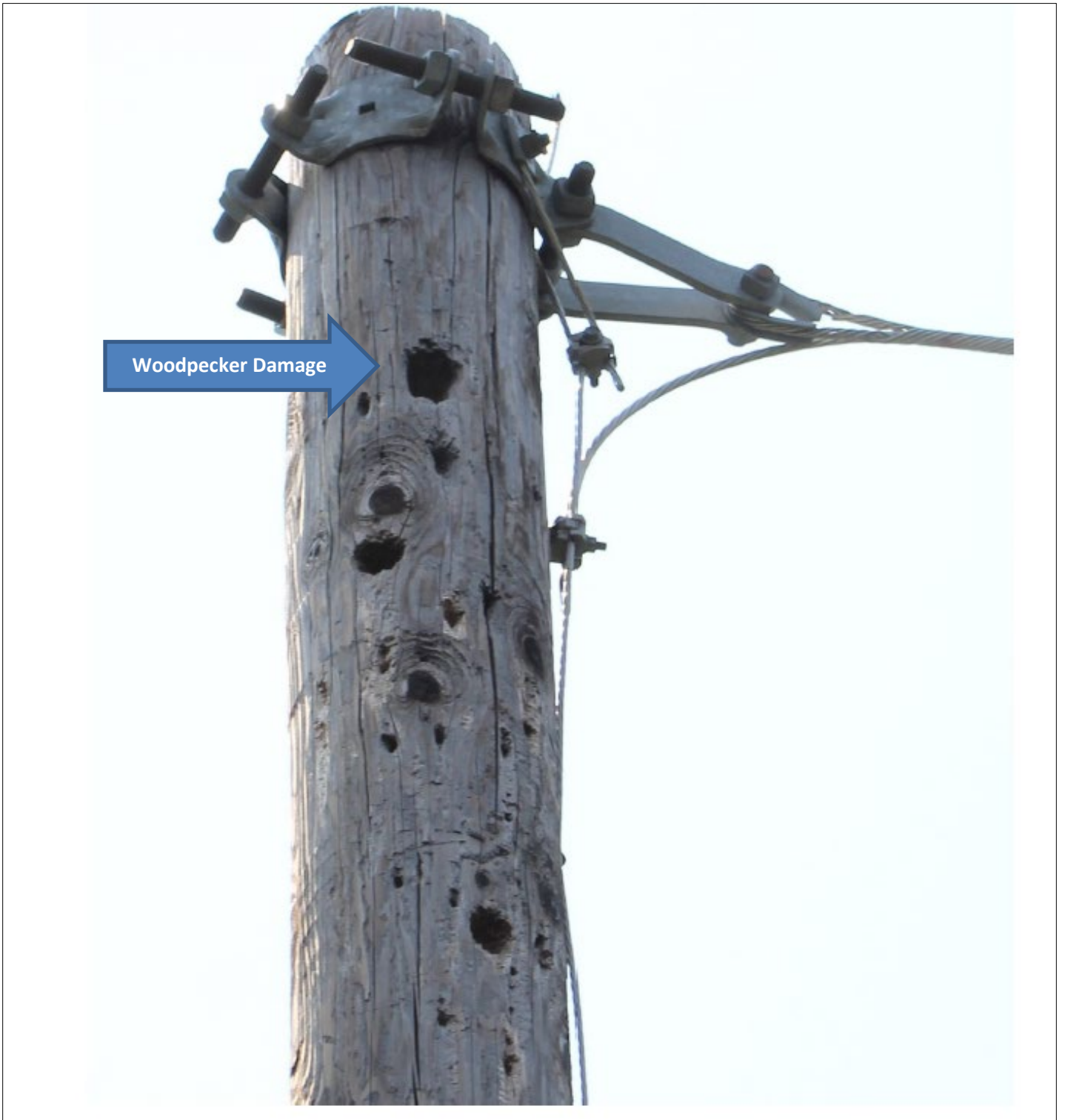
Eversource will access the Work Areas by entering and exiting the ROW from the existing access road off Chestnut Tree Hill Road in Oxford.

By:

  
\_\_\_\_\_  
Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS**

Structure #1546



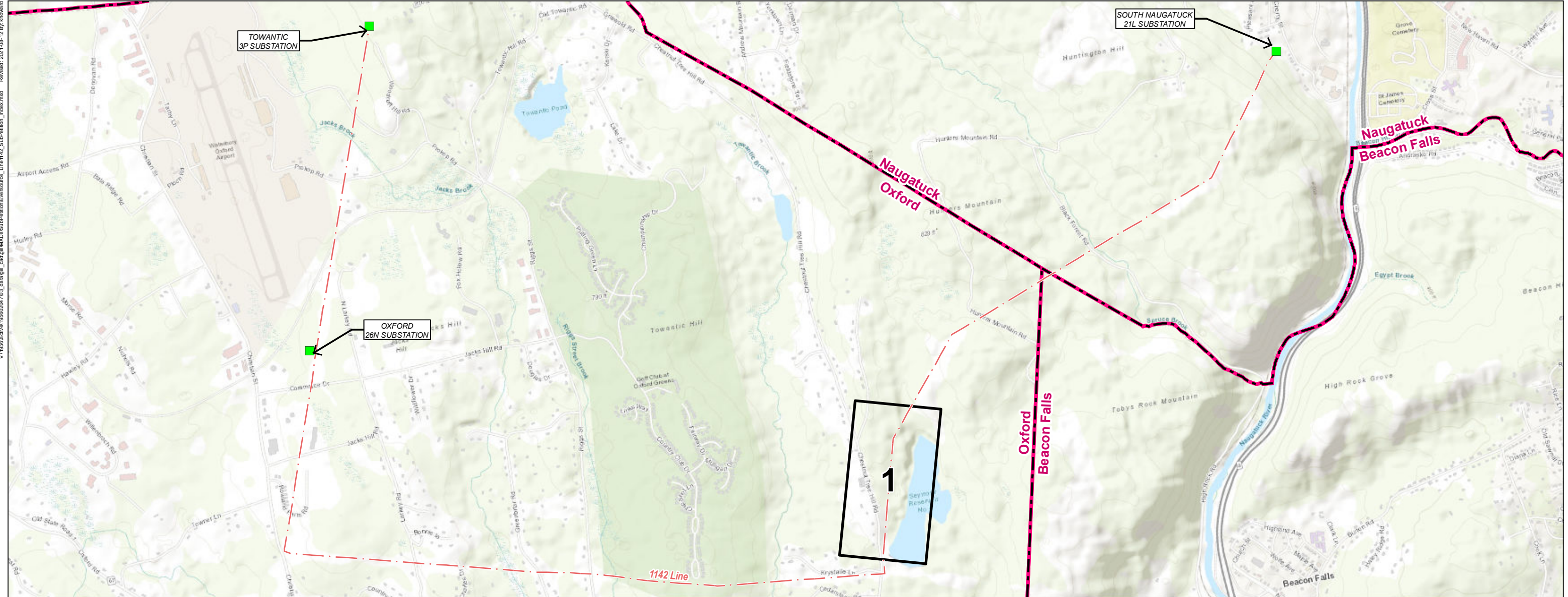
**ATTACHMENT C**

**MAPS**



# 1142 Transmission Line Structure Replacement Project

Oxford, CT  
Sub-Petition Map Set  
Date: August 12, 2021



V:\1856\active\19560204\703\_data\gis\_cad\gis\SubPetition\Eversource\_Line1142\_SubPetition\_index.mxd Revised: 2021-08-12 By: bhoward

### Legend

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



0 1,000 2,000 Feet

### INDEX OF FIGURES

Title Sheet / Index Map  
Abutters Tables & Map Sheets 1-1

PREPARED FOR:



107 Selden Street  
Berlin, CT 06037

PREPARED BY:



30 Park Drive  
Topsham, ME 04086

1142 Transmission Line Structure Replacement Project  
Map Sheet 1 Abutters Table

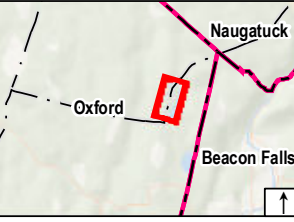
LINE LIST NUMBER	OWNER NAME (First)	OWNER NAME (Last)	ADDRESS	CITY/TOWN	STATE	ZIP
100	STATE OF CONNECTICUT		CHESTNUT TREE HILL RD	OXFORD	CT	06478





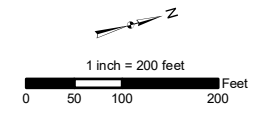
V:\1936\active\193602047\03\_digital\cad\fig\1142\SubPeltion\Eversource\_Lines\1142\_SubPeltion\_MapSheet.mxd    Revised: 2021-08-12 By: kbward

**INDEX MAP**



**Legend**

- Existing Structure
- Existing Structure to be Removed
- Proposed Structure
- - - Overhead Eversource Line
- Existing Right-of-Way (ROW)
- - - Existing Access
- ▭ Work Pad
- ▨ Existing Gravel
- ▭ State-Owned Property
- ▭ Parcel Boundary
- ⊙ LLN/Property Owner
- - - 2' Contour
- 10' Contour
- ▭ Open Water
- ▭ Natural Diversity Database (June 2021)
- ⊙ Stonewall
- ⊙ Gate



**Map Notes:**  
 Coordinate System: NAD 1983 StatePlane Connecticut FIPS 0600 Feet  
 Data source: Eversource easement lines, structures, and transmission lines provided by Eversource Energy. Wetlands and watercourses delineated in December 2020 by FHI. Additional sources include: CT DEEP, FEMA.  
 Basemap: 2019 Statewide Leaf-off Orthoimagery provided by

This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

NO.	DATE	REVISIONS

**EVERSOURCE ENERGY**

**1142 Transmission Line Structure Replacement Project**

Oxford, Connecticut	MAP SHEET
Date: August 12, 2021	
1 of 1	



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

August 18, 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 Eversource right-of-way in Oxford. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-OX-02 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.

**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-OX-02 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,

*Franco Saporosa*

Franco Saporosa  
Eversource Project Manager – Transmission Projects

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT     )  
  ) ss. Hartford  
COUNTY OF HARTFORD     )

In accordance with Condition 2 of the Connecticut Siting Council's ("Council") March 31, 2017 declaratory ruling on Petition No. 1293, I hereby certify that on August 18, 2021, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-OX-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below, as well as the State of Connecticut Department of Energy and Environmental Protection, which is the sole abutter. The notice of the proposed maintenance activities states that comments or concerns regarding the maintenance activities described in the Sub-Petition should be submitted to the Council within 30 days of the date of such notice.

Municipal Officials:

Town of Oxford  
George R. Temple, First Selectman  
486 Oxford Road  
Oxford, CT 06478-1298

*Louise F. Mango*

\_\_\_\_\_  
Louise F. Mango  
Project Siting Specialist

On this the 18th day of August 2021, before me, the undersigned representative, personally appeared, Louise F. Mango, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

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

*Andrew W. Sol*

\_\_\_\_\_  
Signature

Notary Public / My Commission expires \_\_\_\_\_  
Officer of the Superior Court / Juris No. 413393