



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

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

August 12, 2022

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

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

Dear Attorney Bachman:

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

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

Enclosed please find an original and three (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: Newington

Sub-Petition: 1293-NE-02

Project: 1783 Transmission Line Structure Replacement Project

Structure Locations: Two Transmission Line Structures located in Newington, 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 1783 Transmission Line Structure Replacement Project ("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, two structures require replacement on a portion of the 1783 Line between Quincy Lane and Newington Substation in Newington. The 1783 Line in its entirety, is a 115-kilovolt line that extends from East New Britain Substation in New Britain to Farmington Substation in Farmington. Structure 8001 is a wood H-frame structure and Structure 16073 is a wood single-pole structure. To comply with current clearance requirements, each replacement structure will need to be taller than the associated existing structure.

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 two existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing 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 in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing access roads, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads would be improved. Eversource can access each of the structure replacement locations utilizing its existing rights.

- b) Collectively, utilizing existing and temporary access roads, the Work Activities would result in approximately 8,925 square feet ("SF") of temporary wetland impacts from the temporary use of construction matting required for the construction of access roads and work pads for two structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W19	8001	±6,003	0
W19	16073	±2,833	±89
<i>Subtotals:</i>		±8,836	±89
<b>TOTAL:</b>		<b>±8,925</b>	

Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, April 2022 ("BMPs") to avoid impacts to nearby wetland and watercourse resources.

- c) No vernal pools or vernal pool envelopes are located in proximity to the Work Areas.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's Natural Diversity Database ("NDDDB"), the Work Activities associated with Structures 8001 and 16073 are proposed within a NDDDB polygon area and wetland jurisdictional area and therefore are subject to a NDDDB review request. Subsequently, Eversource submitted an NDDDB review request to CTDEEP regarding structure replacement work for the project and received a response from NDDDB on July 2, 2022 with recommendations for the protection of rare species potentially present. The recommended protection measures identified in the NDDDB letter have been accepted by Eversource and will be incorporated into the project plans and construction activities and the work will be conducted in accordance with Eversource's BMPs. With these protection measures no adverse impacts to state-listed rare species are anticipated.
- e) The Work Activities will not require any tree clearing. However, Eversource will need to undertake tree trimming and/or vegetation removal/mowing to establish required conductor clearance, to improve access roads, and/or to install work pads within 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 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 work pad and access road associated with Structure 8001 and the work pad associated with Structure 16073 were identified to possess a potential for moderate to high archaeological sensitivity. Based on the results of a Pedestrian Survey, Heritage reclassified the areas as no to low archaeological sensitivity due to the presence of poor surface drainage characteristics and/or obvious signs of previous ground disturbance. Therefore, Heritage advised that no additional archeological examination is recommended.
- g) To comply with current conductor clearance requirements, the heights of the replacement structures will be increased. The existing height of each structure is 56.5 above ground level. Structure 8001 would be 27 feet taller, for an overall height of 83.5 feet and Structure 16073 would be 18 feet taller, for an overall height of 74.5 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 structures 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 ("E&S") controls 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.
- Potential impacts to wetlands and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- NDDDB recommended rare 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 to access the structures. However, the existing access roads in upland areas may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting will be used for temporary access roads within wetlands areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

Eversource will access the Work Areas by entering its ROW from existing access points on public roads in Newington as follows:

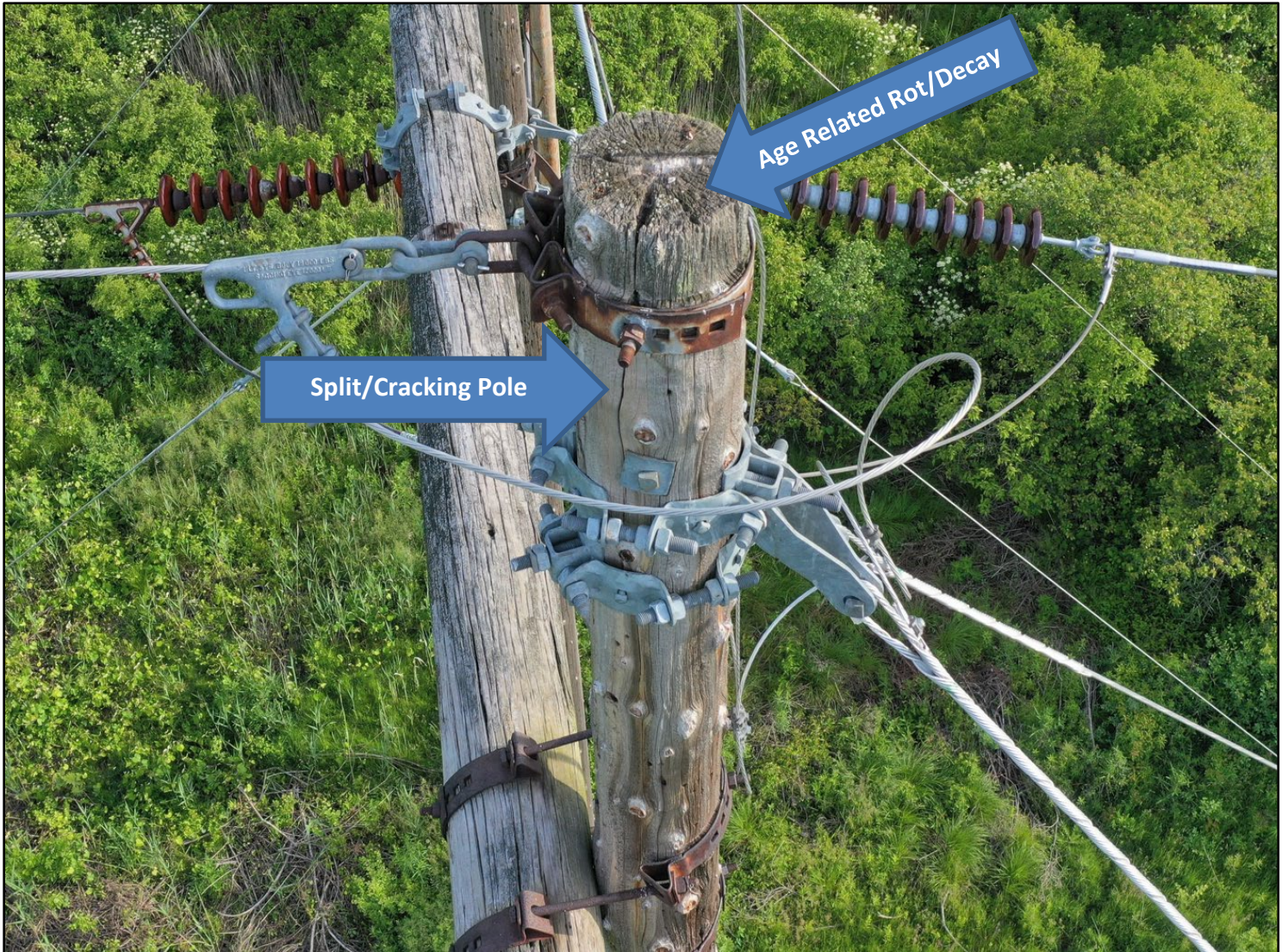
- Quincy Lane for Structure 8001
- Cherry Hill Drive for Structure 16073

By:

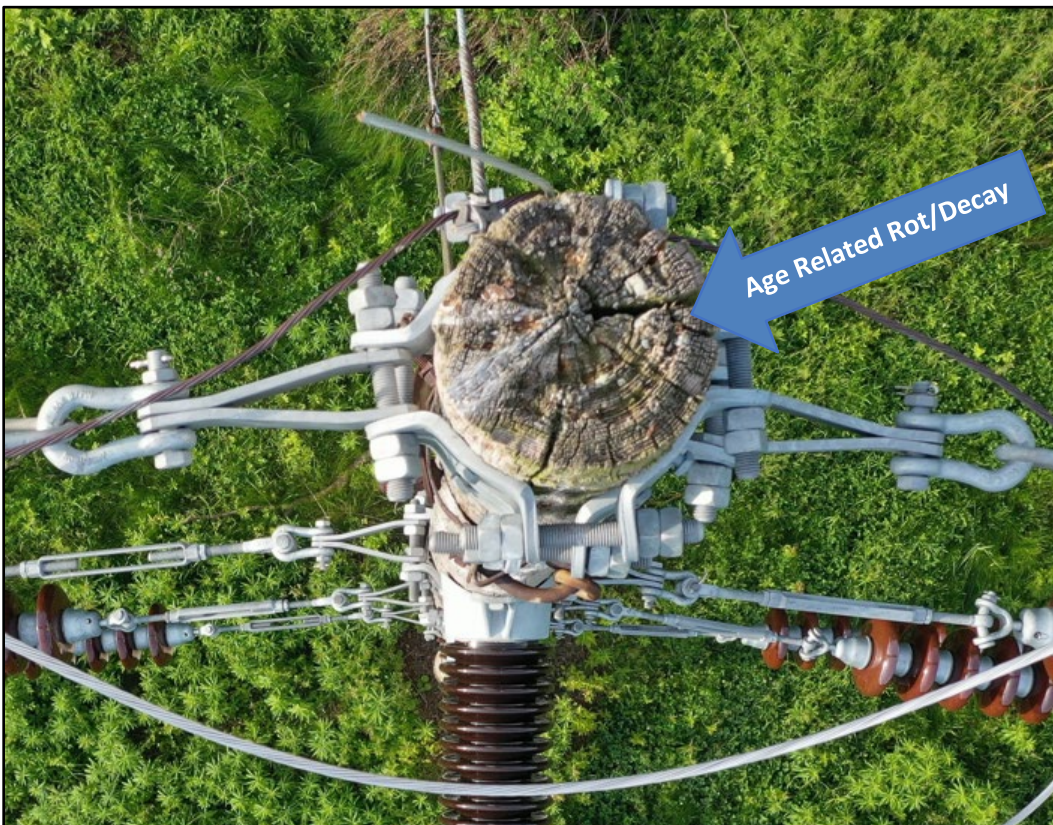
  
\_\_\_\_\_  
Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS**

Structure #8001



Structure #16073





**ATTACHMENT C**

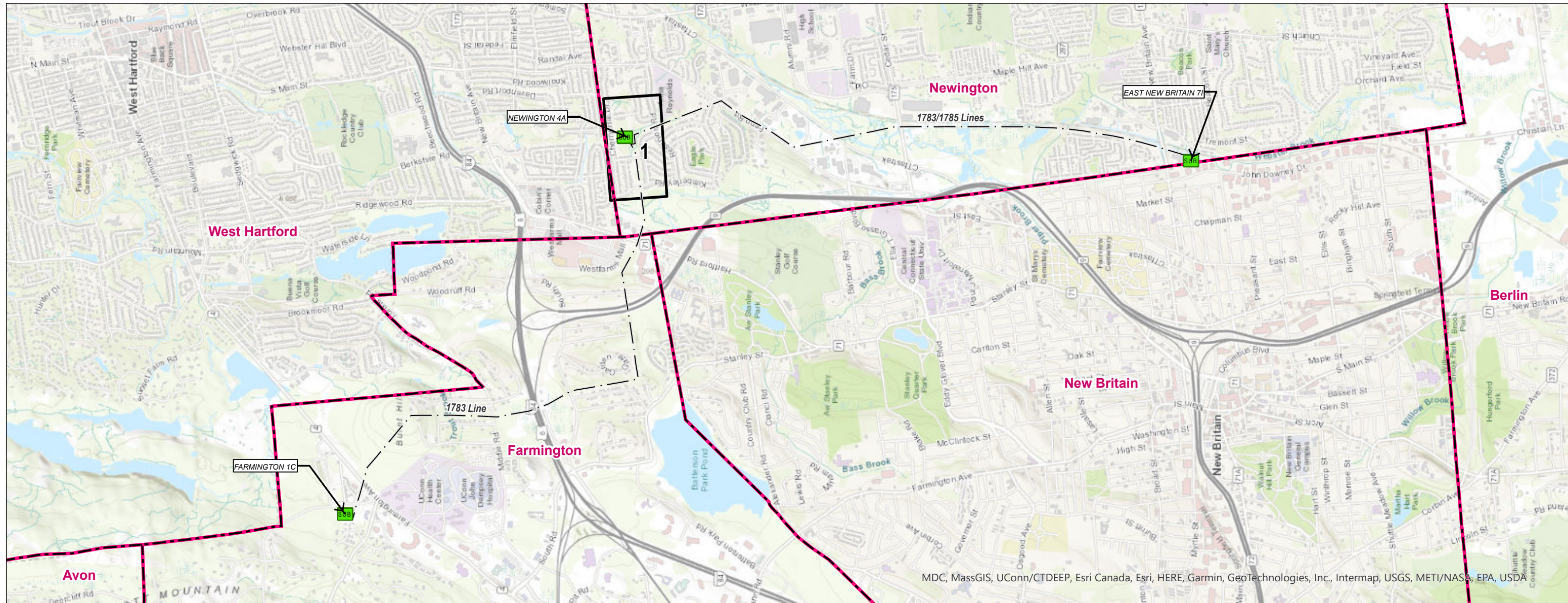
**MAPS**

# 1783 Line - Structure Replacement Project

NEWINGTON, CONNECTICUT

Sub-Petition Map Set

Date: August 03, 2022



MDC, MassGIS, UConn/CTDEEP, Esri Canada, Esri, HERE, Garmin, GeoTechnologies, Inc., Intermap, USGS, METI/NASA, EPA, USDA

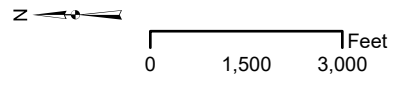
### Legend

- SUB Substation
- - - Overhead Eversource Line
- Municipal Boundary
- Mapsheet

PREPARED FOR:



107 Selden Street  
Berlin, CT 06037



### INDEX OF FIGURES

Title Sheet / Index Map  
Abutter Table & Map Sheet 1

NO.	DATE	REVISIONS

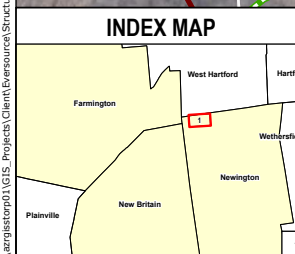
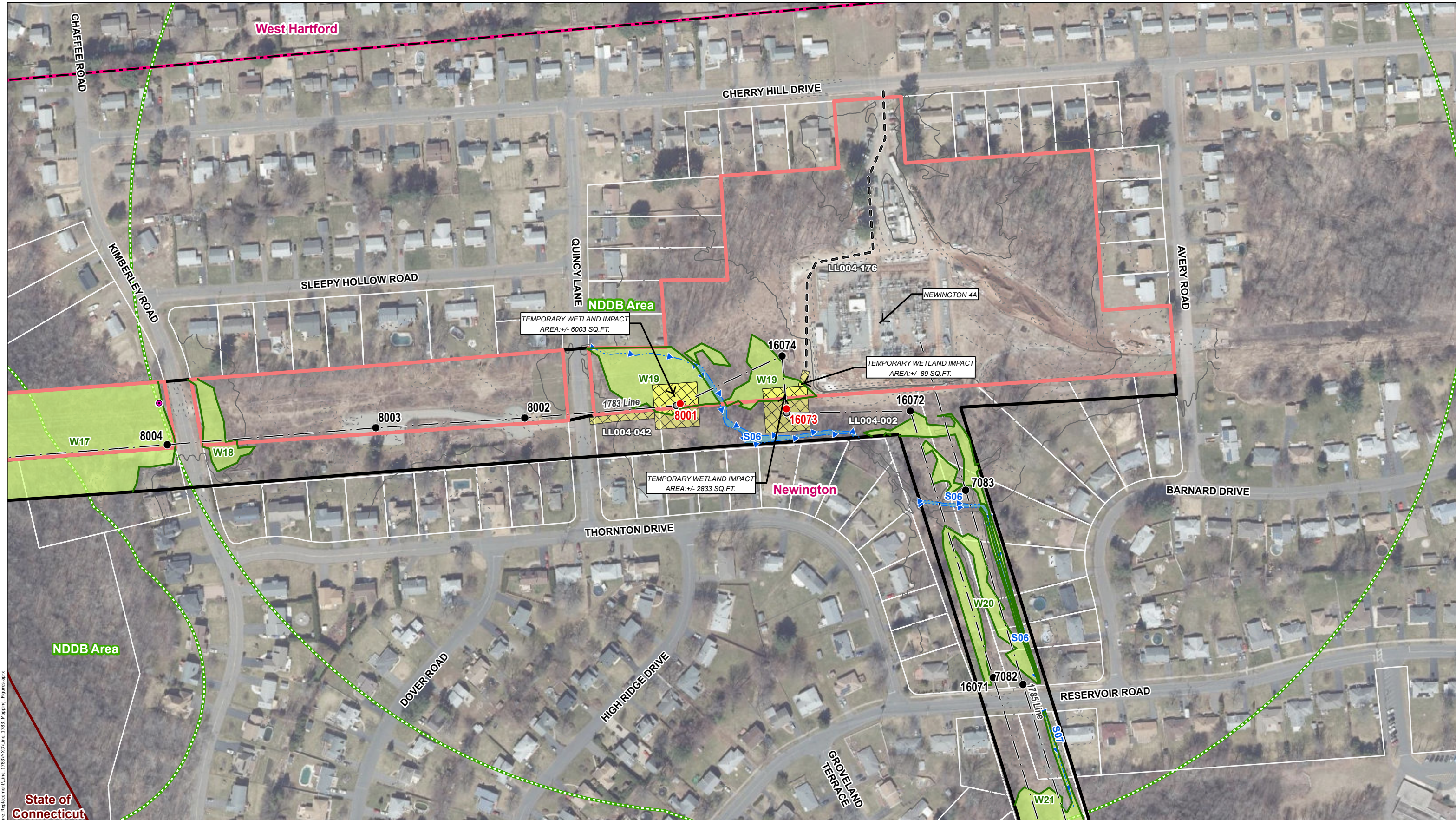
PREPARED BY:



200 Corporate Place, Suite 310  
Rocky Hill, CT 06067

**Map Sheet 1 of 1**  
**1783 Line - Structure Replacement Project**  
**Abutter Table**

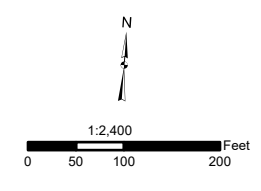
<b>Line List Number</b>	<b>Owner First Name</b>	<b>Owner Last Name</b>	<b>Parcel Address</b>	<b>City</b>	<b>State</b>
004-002	TOWN OF NEWINGTON		156 RESERVOIR RD	NEWINGTON	CT
004-042	SAMUEL	WEITZ	16 QUINCY LANE	NEWINGTON	CT
004-176	THE CONNECTICUT LIGHT AND POWER COMPANY		185 CHERRY HILL DR	NEWINGTON	CT



**Legend**

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Culvert Inlet/Outlet
- Delineated Wetland Boundary Outline
- Delineated Intermittent Watercourse
- Existing Right-Of-Way
- Overhead Eversource Line
- Existing Access
- - - 2' Contour Line
- - - 10' Contour Line
- Municipal Boundary
- Temporary Construction Matting
- Parcel Boundary
- Eversource Owned Property
- Field Delineated Wetland

- Open Water
- Natural Diversity Database - June 2022



NO.	DATE	REVISIONS

**EVERSOURCE**  
ENERGY

**1783 Line - Structure Replacement Project  
Sub-Petition Map Set**

Newington, CT      MAP SHEET 1 OF 1

Date: August, 2022

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

August 12, 2022

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 Newington. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-NE-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 two structures due to structure age, weather, woodpecker activity and/or clearance requirements. The new structures will be weathering steel, with a finish that "weathers" or darkens over time. The new structures 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-NE-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,

*Ibraheem Kamona*

Ibraheem Kamona  
Eversource Project Manager – Transmission Projects

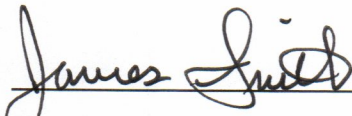
AFFIDAVIT OF SERVICE OF NOTICE

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 12, 2022, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-NE-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 2 abutters. 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 Newington  
Keith Chapman, Town Manager  
200 Garfield Street  
Newington, CT 06111

  
\_\_\_\_\_  
James L. Smith  
Project Siting Specialist

On this the 12<sup>th</sup> day of August 2022, before me, the undersigned representative, personally appeared, James L. Smith, 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.

  
Signature Brooke Stevens  
Notary Public / My Commission expires 3/31/23  
Officer of the Superior Court / Juris No. 163739

