



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

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

February 16, 2021

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

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

Dear Attorney Bachman:

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

Eversource notified the officials of the municipality of Berlin of Eversource's submission of the Sub-Petition. The work will take place entirely within Eversource's property, therefore, there are no directly abutting property owners to the structure replacement work areas.

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".

Enclosures

Attachments:
Exhibit A: Sub-Petition
Exhibit B: Photographs
Exhibit C: Maps
Exhibit D: 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: Berlin

Sub-Petition 1293-BE-01

Project: 1752 Transmission Line Structure Replacement Project

Structure Locations: Three Transmission Line Structures located in Berlin, 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 1752 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, three structures require replacement on the 1752 Line adjacent to the Berlin Substation in Berlin, Connecticut. The 1752 Line in its entirety, is a 115-kilovolt line that extends from Berlin Substation to Rocky Hill Substation in Rocky Hill, Connecticut. The structures to be replaced are wood single-pole angle structures 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 three existing wood single-pole angle structures, Structures 2623, 2624 and 2626, with new weathering steel single-pole angle structures.

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 property utilizing mostly existing access roads and one proposed new permanent access road, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads will be improved.
- b) The Work Activities would result in approximately 7,552 square feet ("SF") of temporary wetland impacts from the temporary use of matting required for the construction of a portion of the access road and work pad for Structure 2626.

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 ("NDDB"), no Work Areas are proposed within a NDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land. Therefore, the Work Areas would not be subject to an NDDB 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. However, Heritage identified one National Register of Historic Places property, the Ezekiel Kelsey House, located just beyond 500 feet from the Work Areas associated with Structure 2624. Based on the like-for-like design of the replacement structure with a modest height increase of 4.5 feet and the access road improvements occurring at ground level, Heritage concluded that none of the proposed Work Activities would directly impact the Ezekiel Kelsey House.

Based on a review of historic maps, aerial photographs, and available soil profiles, one proposed work pad location and one proposed access road were identified to possess a potential for moderate to high archaeological sensitivity. Based on the results of a pedestrian survey, both the work pad and access road locations retained the initial archaeological sensitivity assessment of moderate to high. Heritage completed a Phase 1B cultural resources survey (shovel pit testing) at these locations and found no physical evidence of archaeological significance; therefore, Heritage advised that no further examination is recommended or warranted.

- g) Increases in the heights of the three replacement structures will average approximately six 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:

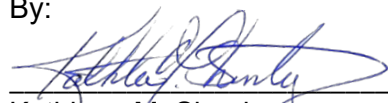
- Erosion and sediment ("E&S") controls will be employed and maintained, as needed, for the duration of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Eversource's contractor will perform construction sequencing such that any 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:

Access would be from Beckley Road utilizing existing roads through Eversource property to the structures, though a permanent extension of the access road would be constructed to facilitate access to Structure 2626. The existing access road will require some improvement to facilitate the safe passage of construction vehicles.

Eversource will access the Work Areas by entering its property at Berlin Substation from two existing access points on Beckley Road in Berlin.

By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS

Structure #2623

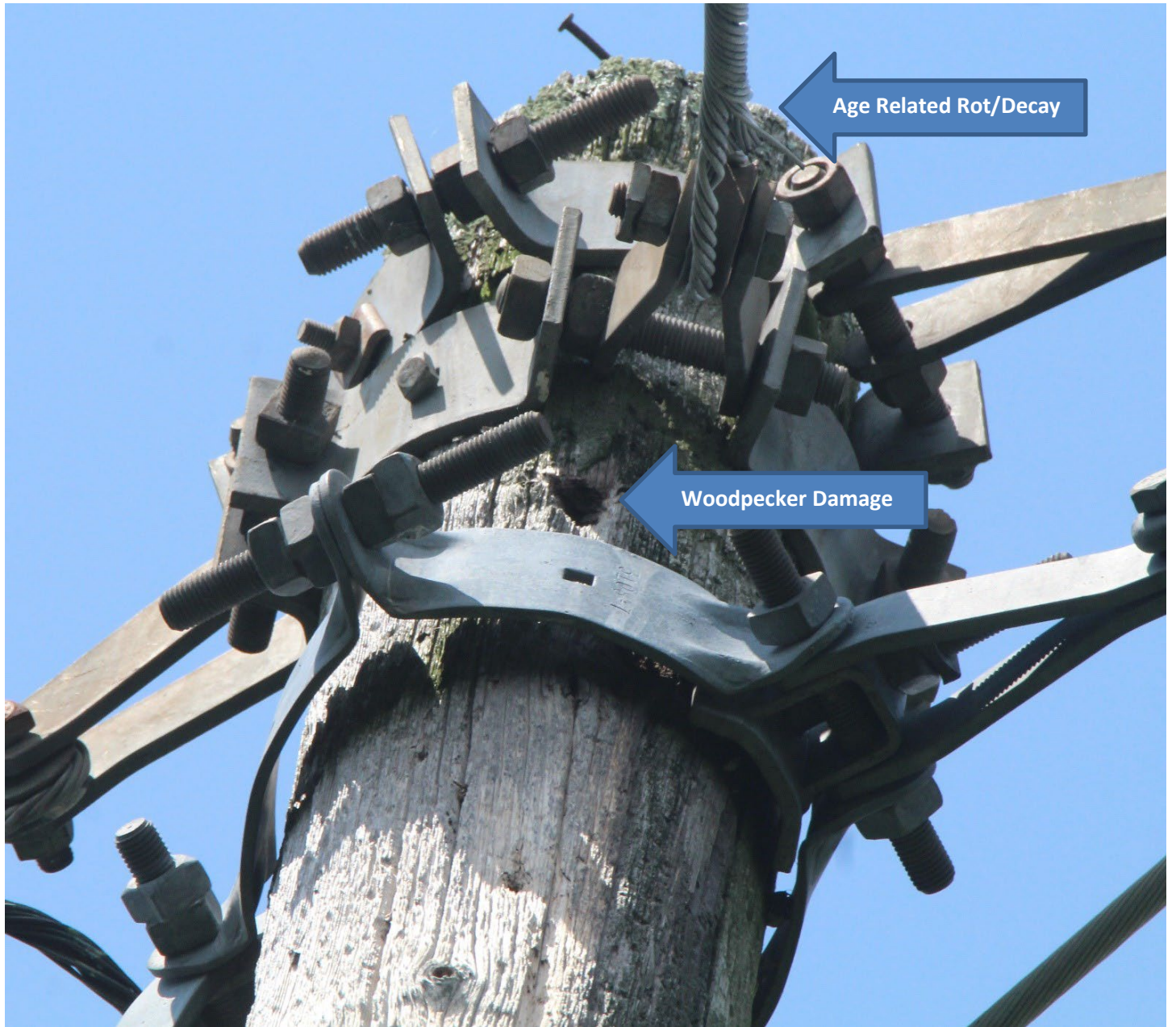


Structure #2624



Age Related Rot/Decay

Structure 2626



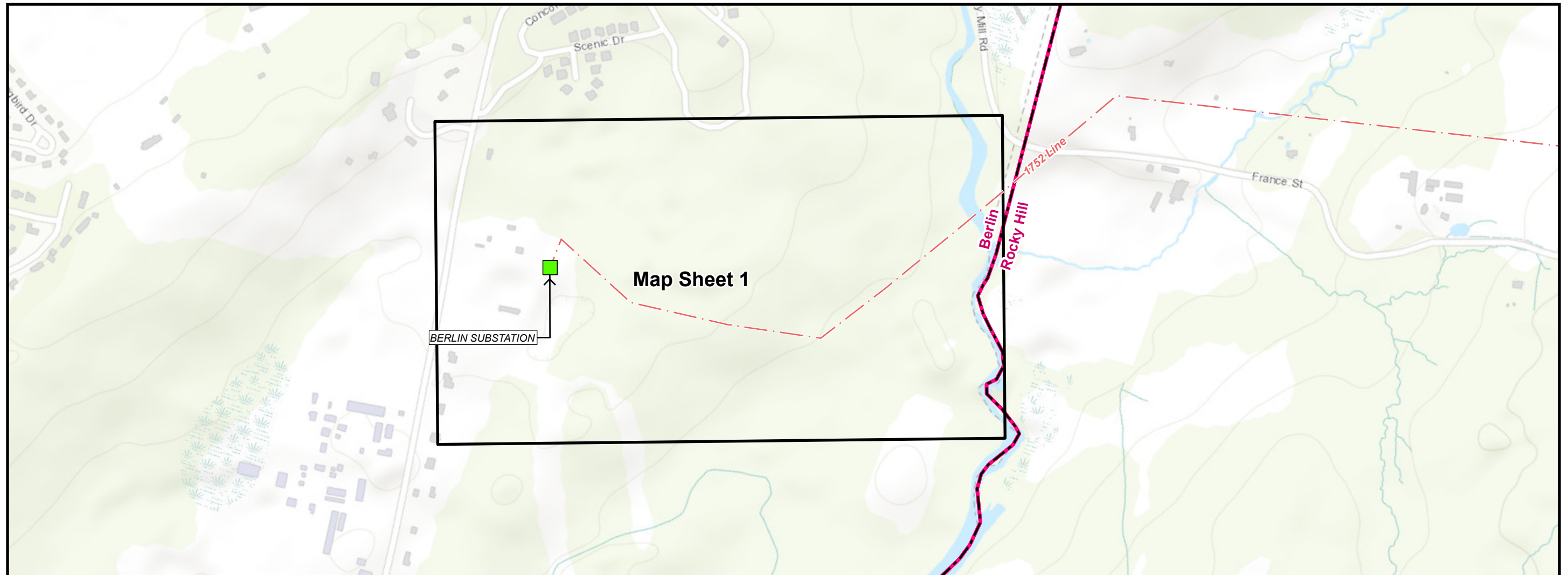
ATTACHMENT C

MAPS

1752 Line - Structure Replacement Project

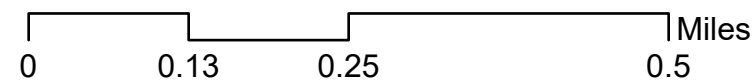
Berlin, CT
Sub-Petition Map Set

February 10, 2021



LEGEND

- Overhead Eversource Line
- Substation
- Municipal Boundary
- Map Sheet 1



INDEX OF FIGURES

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

PREPARED FOR:
EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

PREPARED BY:

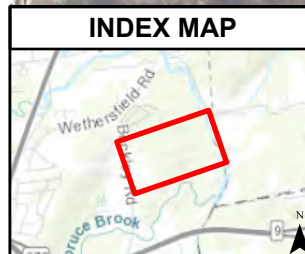
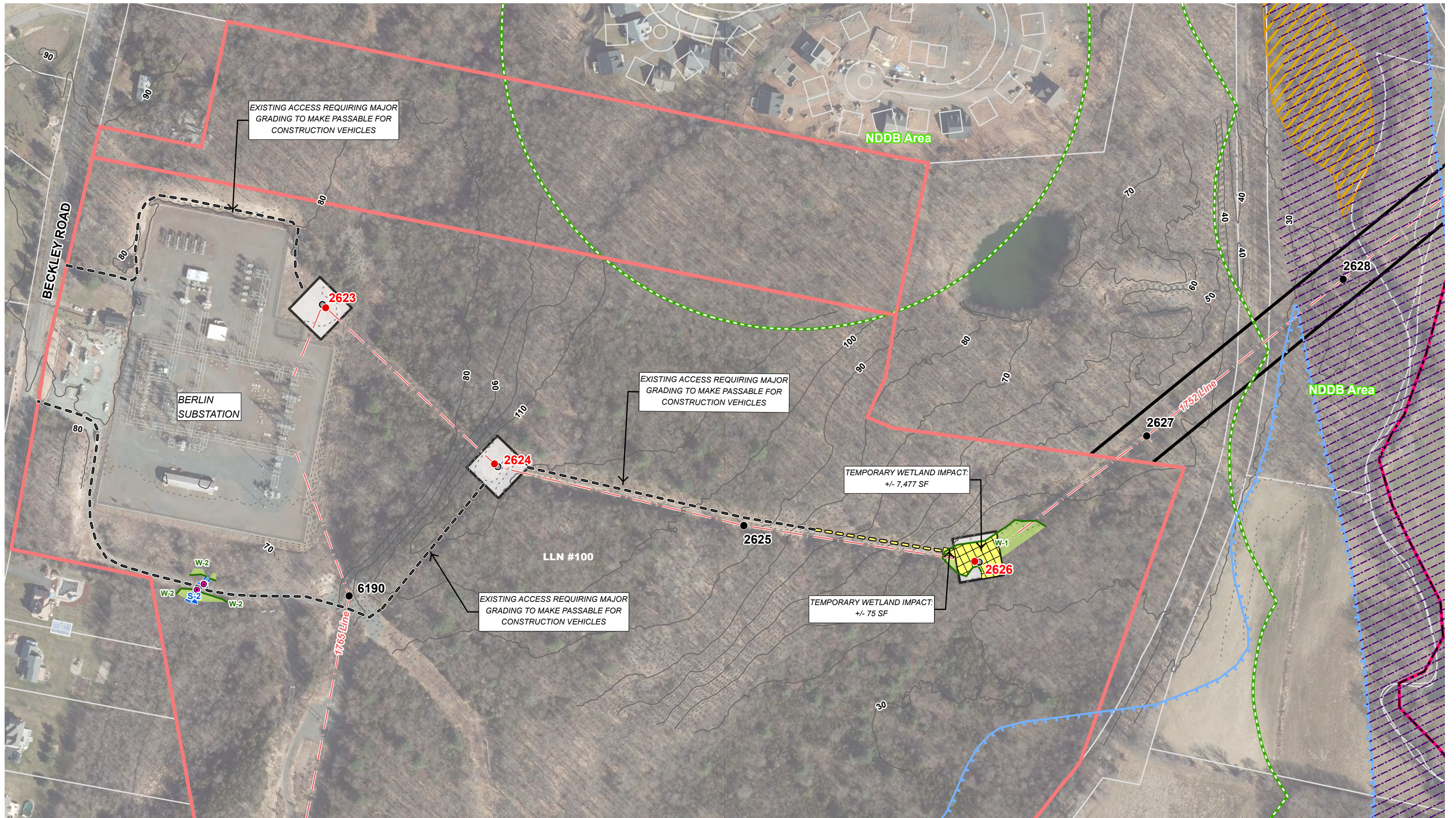


100 Great Meadow Road
Suite 200
Wethersfield, CT 06109

1752 Line Structure Replacement Project

Map Sheet 01 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
100	Connecticut Light & Power	N/A	285 Beckley Road	Berlin	CT



Legend	
● Proposed Structure	○ Existing Structure to be Removed
● Existing Structure	— Existing Right-of-Way (ROW)
○ Existing Structure to be Removed	- - - Existing Access
- - - Overhead Eversource Line	- - - Proposed Access
— Delineated Wetland Boundary Outline	— Delineated Perennial Watercourse
— Open Water	— Field Delineated Wetland
— Stone Work Pad	— Temporary Construction Matting
● Culvert	▨ Critical Habitat (2020)
▨ Rare Species (NDDB June 2020)	▨ FEMA 100-Year Flood Zone
▨ Floodway	— 10' Contour Line
— 10' Contour Line	- - - 2' Contour Line
- - - Parcel Boundary	— Eversource Owned Property
— Municipal Boundary	

EVERSOURCE ENERGY

1752 Line - Structure Replacement Project

Date: February 09, 2021

Berlin, CT

Map Sheet 1 of 1

1 Inch = 200 feet

0 100 200 Feet

Base Map Source: 2019 Aerial Imagery (CTDEP)

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

February 16, 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 Berlin. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-BE-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 wood structures due to structure age, weather, and/or woodpecker activity. The new weathering steel structures 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. If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-BE-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. Thank you.

Sincerely,

Brian Ragozzine

Brian Ragozzine
Eversource Project Manager – Transmission Projects

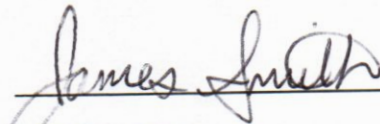
AFFIDAVIT OF SERVICE OF NOTICE

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 February 16, 2021, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-BE-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below. 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 Berlin
Arosha Jayawickrema, Town Manager
240 Kensington Road
Berlin, CT 06037



James L. Smith
Project Siting Specialist

On this the 16th day of February, 2021, 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

Notary Public / My Commission expires _____

Officer of the Superior Court / Juris No. 413393