

April 26, 2018

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

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

Dear Ms. Bachman:

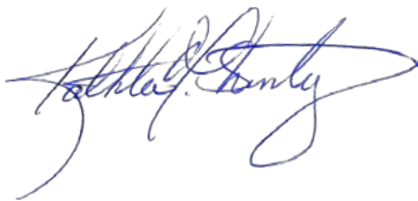
The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-SO-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Southington, Connecticut. The work includes replacing 3 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipality of Southington 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).

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,



Enclosures

Attachments:

Exhibit A: Sub-Petition

Exhibit B: Photographs and Photo Simulation

Exhibit C: Maps

Exhibit C: 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 ELECTRIC SAFETY
CODE CLEARANCE REQUIREMENTS

Town: Southington

Sub-Petition No. 1293-SO-01

Project: 1910/1950 Transmission Line Structure Replacement Project

Structure Location: 3 Transmission Structures located in Southington, 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 1910/1950 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 safe and reliable transmission of power to its customers. Due to asset condition, many structures require replacement on a portion of the 1910/1950 Line, which is a 115-kV transmission line in the Town of Southington, Connecticut that extends from Todd Substation to Southington Substation. Of these replacements, 3 of the structures require a slight increase in structure height to comply with current 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 3 existing wood double circuit H-Frame structures with new weathering steel double circuit H-Frame structures that are slightly taller (9 feet or less) than the existing structures. The replacement structures will be installed within 15 feet of the existing 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) Work Activities would take place in areas within Eversource's existing right-of-way ("ROW") utilizing some existing and new temporary access roads (collectively the "Work Areas").
- b) Work Activities would result in no temporary or permanent wetland impacts. 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 impact to nearby wetland and watercourse resources.
- c) No vernal pools are located in proximity to the Work Activities.
- d) As a result of Eversource's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDB"), none of the Work Areas are proposed within a NDDB buffered area and wetland jurisdictional area and therefore they would not be subject to a NDDB review request. Work would be conducted in accordance with Eversource's BMPs to avoid and minimize impact to terrestrial habitats that may support rare species. Therefore, it is not likely that an adverse impact to rare species will result from activities proposed in the Work Areas.
- e) The structure replacements will not require any clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation removal/mowing within the managed ROW corridor to improve access to portions of the Work Areas.
- f) A review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office ("SHPO") revealed that no National or State Register of Historic Places properties/districts are located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and soil profiles, the proposed work pad locations and access roads leading to Structures 92, 93, and 109 were identified as possessing a potential for moderate to high archaeological sensitivity. These Work Areas were subjected to pedestrian survey and all of them were found to contain steep slopes, wet soils, or have been previously disturbed. They were reclassified as no or low sensitivity areas. Therefore, no additional archaeological examination is warranted and no protective measures are required since the replacement of these 3 structures will have no adverse effects on cultural resources.
- g) Increased heights of the 3 replacement structures be 9 feet or less. None will exceed 9 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) There are no 100-year flood zones in the Work Areas where the proposed Work Activities would be performed.

- j) No change in noise levels would result from installation of the new structures and the line would continue to comply with the State of Connecticut noise regulations.
- k) Any changes in electric and magnetic field levels off 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.
- 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.
- 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:

Two new temporary access roads would be constructed, utilizing matting to facilitate access to structures within the ROW. The matting will be removed upon completion of the project and the areas restored. In addition, a short section of existing asphalt driveway will be utilized for one of the access roads.

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

- Main Street for structures 92 and 93
- Hemlock Drive for structure 109

By:

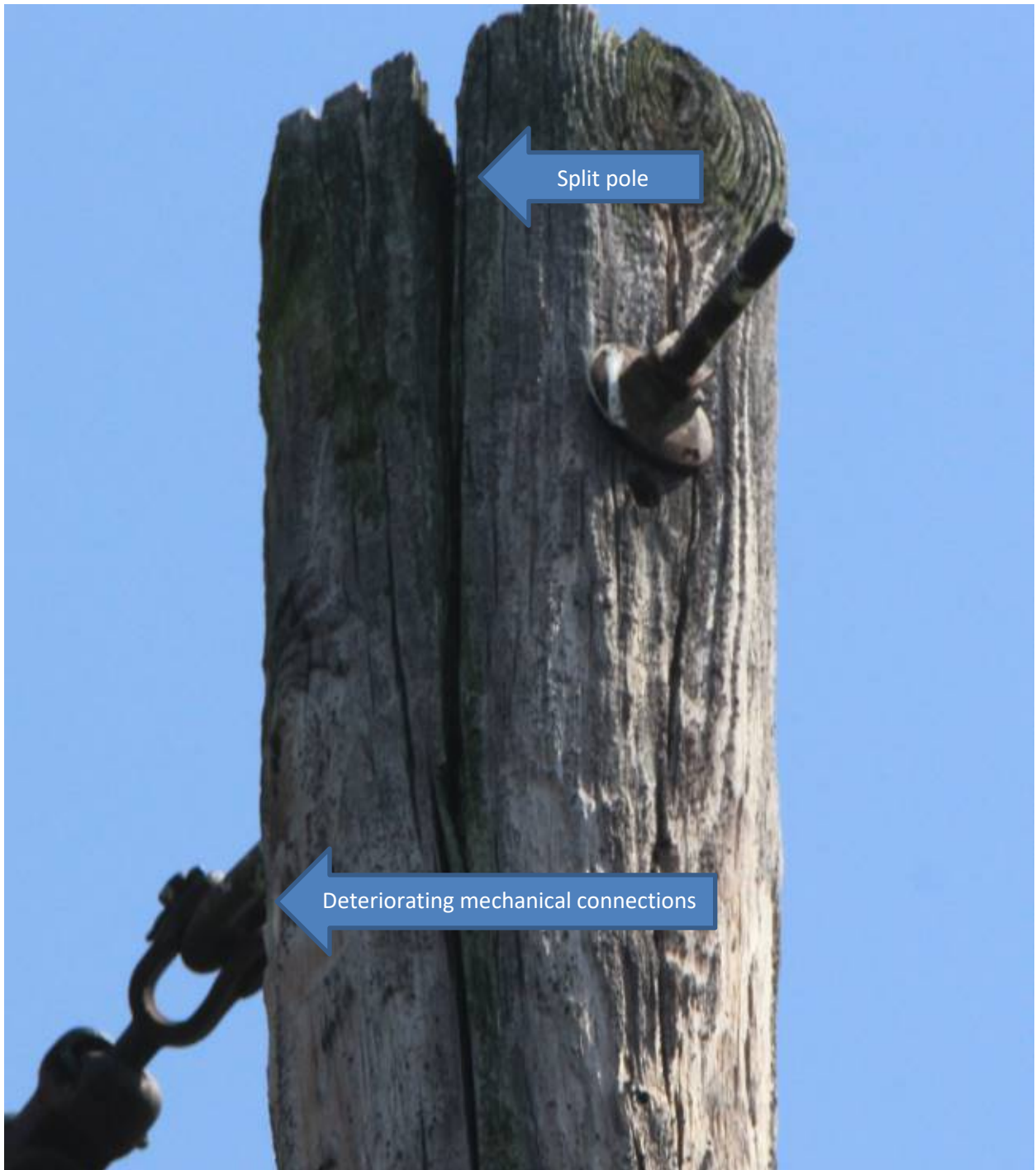


Kathleen M. Shanley

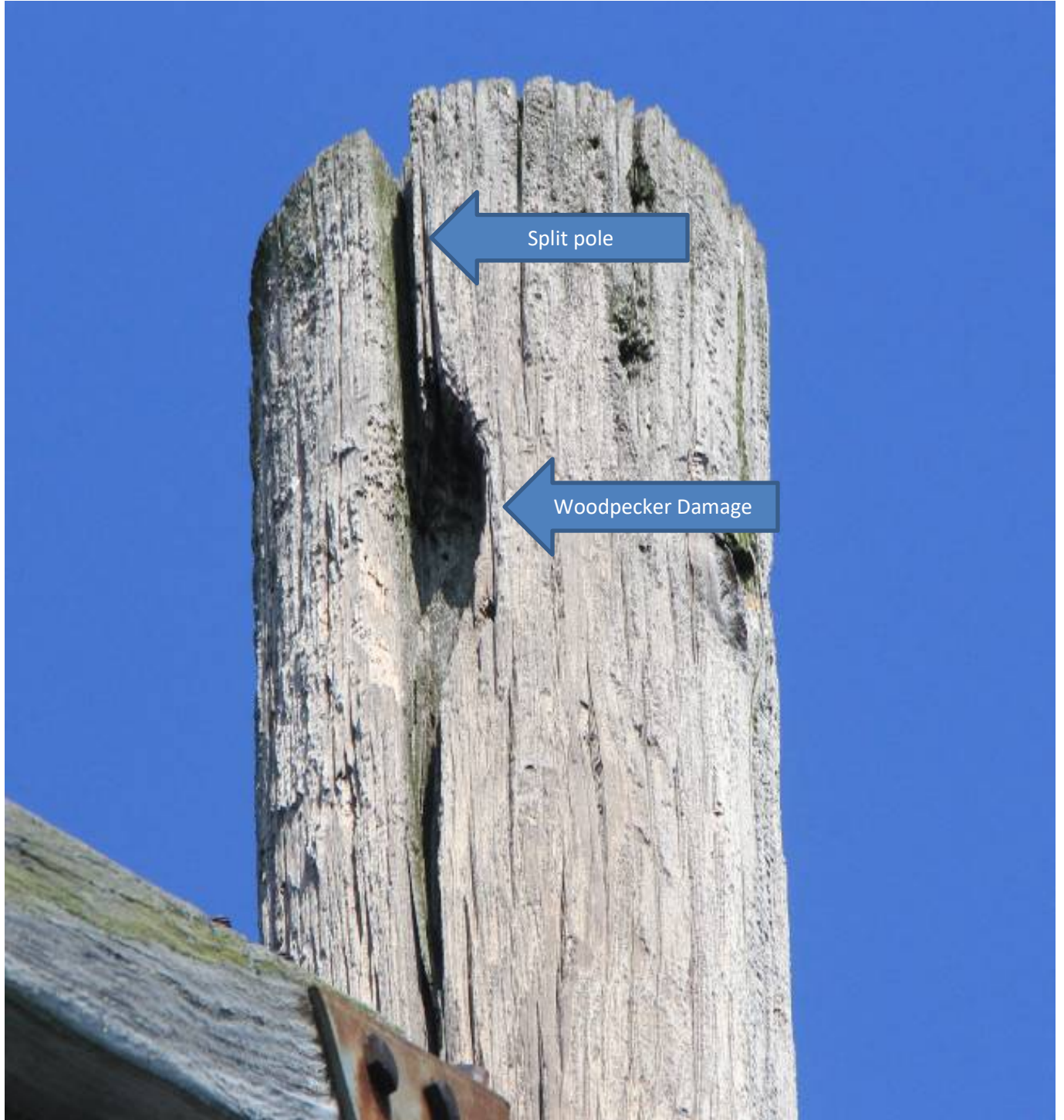
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

Structure #92



Structure #93



Split pole

Woodpecker Damage

Structure #109





EXISTING

1910/1950 LINE
STRUCTURE 92

LOCATION

SOUTH MAIN STREET - PLANTSVILLE, CT

ORIENTATION

EAST



PROPOSED

1910/1950 LINE
STRUCTURE 92

LOCATION

SOUTH MAIN STREET - PLANTSVILLE, CT

ORIENTATION

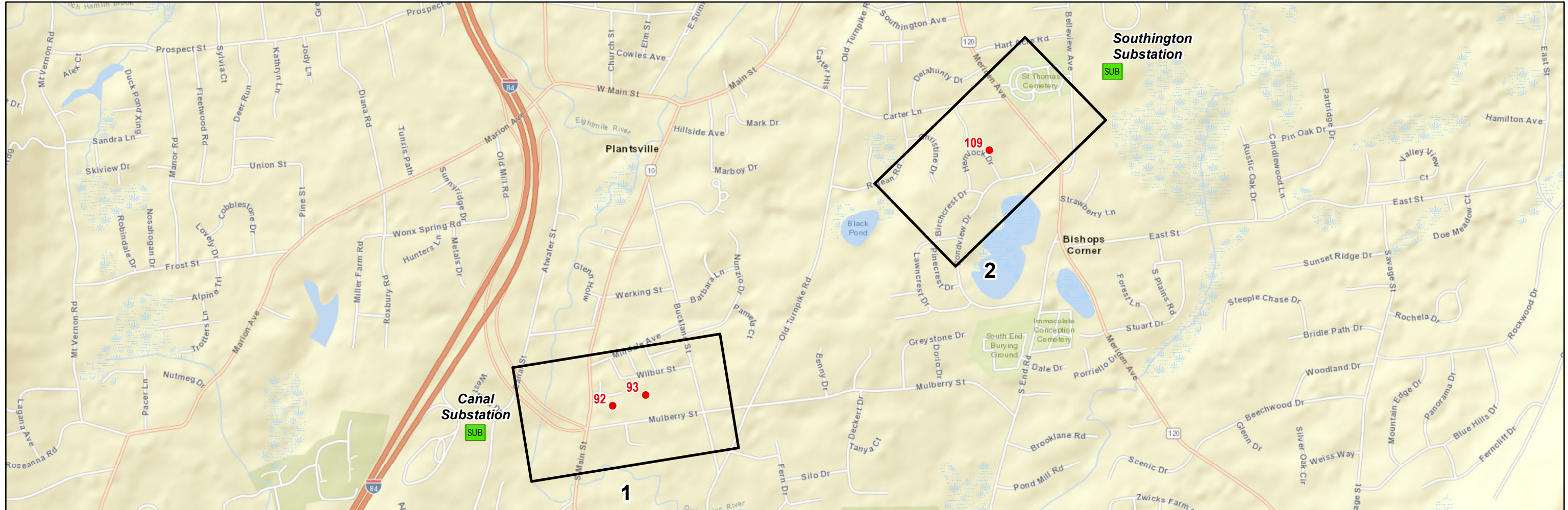
EAST

ATTACHMENT C

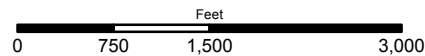
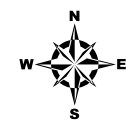
MAPS

1910/1950 Line Structure Replacement Project

Southington, Connecticut
 Sub-Petition Map Set
 Date: April 25, 2018



Legend
 [SUB] Substation ● Replacement Structure □ Mapsheet



PREPARED FOR:



107 Selden Street
 Berlin, CT 06037

Index of Figures
 Title Sheet/Index Map
 Abutters Tables and Map Sheets

PREPARED BY:



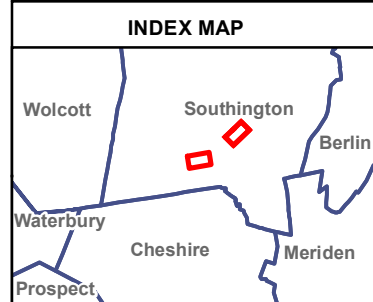
213 Court Street
 Middletown, CT 06457

Map Sheet 1 of 2
1910/1950 Line Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>	<u>Owner Name</u>
164	43 MULBERRY STREET	SOUTHINGTON	CONNECTICUT	BOUTHOT ARLENE
166	DEVONSHIRE DRIVE	SOUTHINGTON	CONNECTICUT	DEVONSHIRE CONDOS
168	53 MULBERRY STREET	SOUTHINGTON	CONNECTICUT	BOUTHOT ARTHUR G
177	95 MULBERRY STREET	SOUTHINGTON	CONNECTICUT	BOYLE KEVIN & ROSANNA C
179	103 MULBERRY STREET	SOUTHINGTON	CONNECTICUT	JEWETT WAYNE & GINA MARIE

Map Sheet 2 of 2
1910/1950 Line Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>	<u>Owner Name</u>
235	45 HEMLOCK DRIVE	SOUTHINGTON	CONNECTICUT	BLANCATO CAROL C
236	31 HEMLOCK DRIVE	SOUTHINGTON	CONNECTICUT	SWEENEY MATTHEW J & KATHRYN A



Legend

- | | | | |
|------------------------------------|---|--------------------------------|--|
| ● Existing Structure | — Hiking Trail | □ Span Watercourse | □ Approximate Wetland (not delineated) |
| ○ Existing Structure to be Removed | ▶ Intermittent Watercourse | ▨ Critical Habitat * | ▨ Delineated Vernal Pool |
| ● Proposed Structure | ▶ Perennial Watercourse | ▨ NDDB Area (Dec 2017) * | ▨ Delineated Potential Vernal Pool |
| ● Culvert | — Existing Access (all necessary rights in place) | ▨ Aquifer Protection Area * | ▨ Delineated Open Water |
| Ⓜ Gate | — Proposed Access (all necessary rights in place) | — Delineated Wetland Boundary | ▨ Eversource Owned Property |
| Ⓜ Fence | — Access To Be Improved | — Approximate Wetland Boundary | — Existing Right-of-Way (ROW) |
| — Overhead Eversource Line | — Proposed Alternate Access (where new rights will be obtained) | ▨ FEMA Floodway | — Approximate Parcel Boundary |
| — Contour Line - 2ft | — Stone Work Pad | ▨ FEMA 100-Year Flood Zone | ▨ State Owned Property * |
| — Stormwater Ditch | ▨ Temp. Construction Matting | ▨ Field Delineated Wetland | ▨ Municipal Boundary * |

Please Note: Not all legend items are represented on all mapsheets.

Map Notes:

Data: Asterisk (*) denotes data acquired from CTDEEP GIS.
 Base Map: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and other.

The information/data provided in this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation or parcel level analysis. The maps should not be used for construction purposes.



1910/1950 Line Structure Replacement Project

Southington, Connecticut

Revision: 5
Mapsheets 2 of 2

EVERSOURCE ENERGY

Tighe & Bond
Engineers | Environmental Specialists

April 25, 2018

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

April 26, 2018

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 on or near your property in Southington. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1923-SO-01 later this week to the Connecticut Siting Council (CSC) for its review and approval.

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 property.

As part of this project, we are proposing to replace, and slightly increase the height of the existing wood structures. The new, weathering steel structures will increase in height by 9 feet or less, depending on the location.

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.

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, Acting 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. 1923-SO-1 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 TransmissionInfo@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 April 26, 2018, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-SO-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 7 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 Official:

Town of Southington
Mark Sciota, Town Manager
Southington Town Hall
75 Main Street
Southington, CT 06489


James L. Smith
Project Siting Specialist

On this the 26 day of April, 2018, 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.


Notary Public
My Commission expires:

