



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

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

November 1, 2018

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-TPB-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Thomaston, Plymouth and Bristol, Connecticut. The work includes replacing 8 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the official of the municipalities of Thomaston, Plymouth and Bristol 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,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", written in a cursive style.

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: Thomaston, Plymouth and Bristol

Sub-Petition No. 1293-TPB-01

Project: 1835 Transmission Line Structure Replacement Project

Structure Location: 8 Transmission Structures located in Thomaston, Plymouth, and Bristol, 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 1835 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, some structures require replacement on a portion of the 1835 Line between Route 8 in Thomaston and Chippen Hill Junction in Bristol, Connecticut. The 1835 Line, in its entirety, is a 115-kV line that extends from Thomaston Substation in Thomaston to the Chippen Hill Substation in Bristol, Connecticut. Of these replacements, 8 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 eight existing wood structures with new weathering steel structures of the same design that are slightly taller (10 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 property and existing right-of-way ("ROW") utilizing existing and proposed new access roads as well as some temporary access

roads (collectively the "Work Areas"). Some of the existing access roads will be improved. Eversource can access the structure locations utilizing its existing rights, but it is currently working with private landowners to obtain rights to utilize alternative off-ROW access routes that would minimize the amount of proposed access roads that would need to be installed within the ROW. In some areas, alternative off-ROW access routes would lessen the impact to residential 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 resources.
- c) No vernal pools are located in proximity to the Work Activities.
- d) As a result of Eversource's review of the Connecticut Department of Energy and Environmental Protection's Natural Diversity Database ("NDDB"), no 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, no adverse impact to rare species will result from activities proposed in the Work Areas.
- e) The structure replacements will not require any tree 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 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 that any 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 available soil profiles, two of the proposed work pad locations were identified to possess a potential for moderate to high archaeological sensitivity. These locations were evaluated in the field with a pedestrian survey by Heritage and found to contain no physical evidence of archaeological significance, concluding that no additional archaeological examination of these areas is recommended.
- g) Increased heights of the 8 replacement structures average approximately 7 feet and none will exceed 10 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.
- 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 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,



throughout the execution of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.

- Work would be conducted in accordance with Eversource's BMPs to avoid and minimize impact to terrestrial habitats that may support rare species.
- 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:

Some new permanent access roads would be constructed to facilitate access to structures within the ROW and existing access roads may be hardened and temporarily widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used on temporary access roads in agricultural/maintained lawn upland areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

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

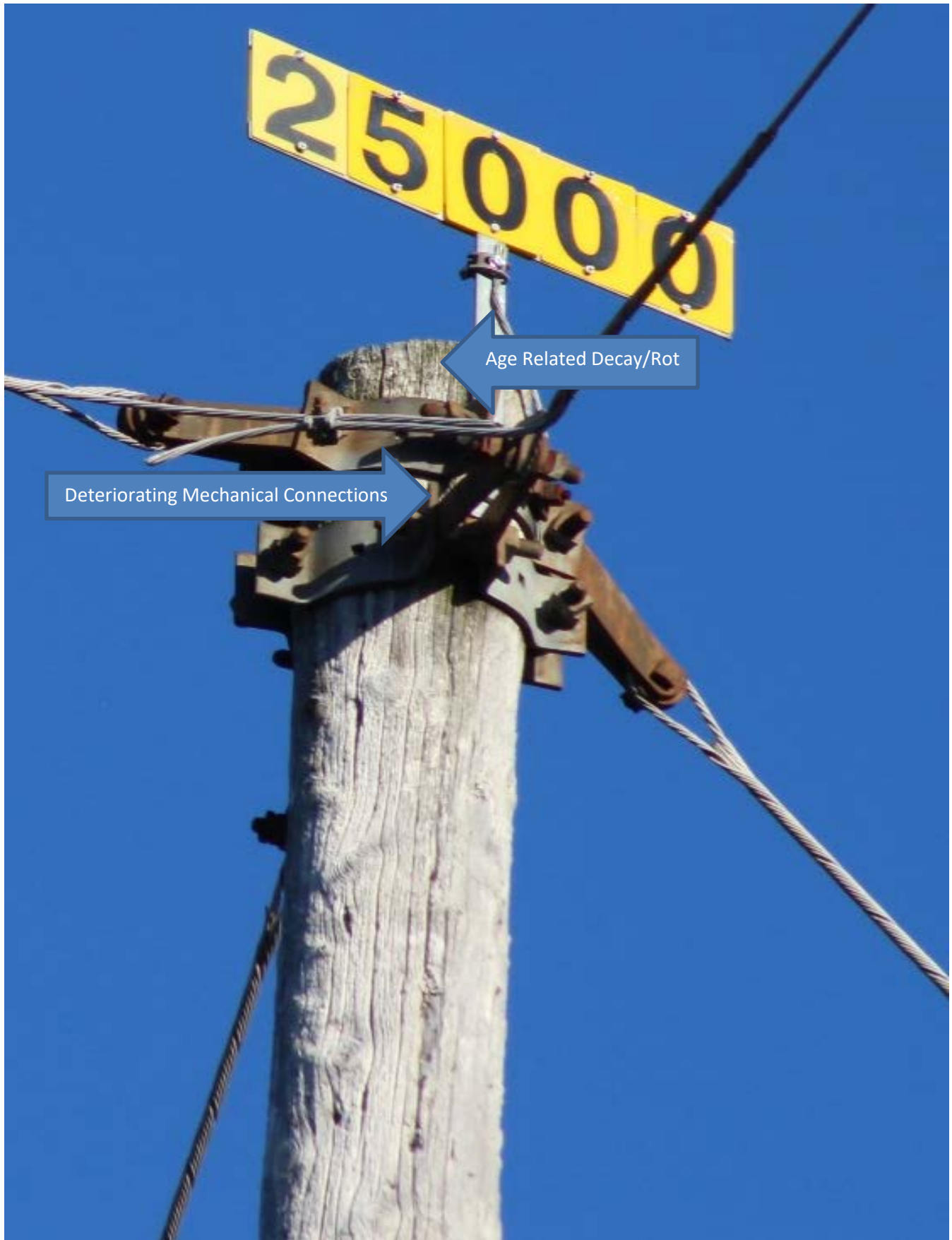
- Chapel Street for structures 25049 and 25048
- Arrow Drive for structure 25012
- Allen Street for structures 25009 and 25007 (off-ROW access from Tunnel Road would be used if rights are obtained)
- Tunnel Road for structure 25006
- Waterbury Road for structure 25003
- Waterbury Road for structure 25000 (off-ROW access from Tower Road would be used if rights are obtained)

By:

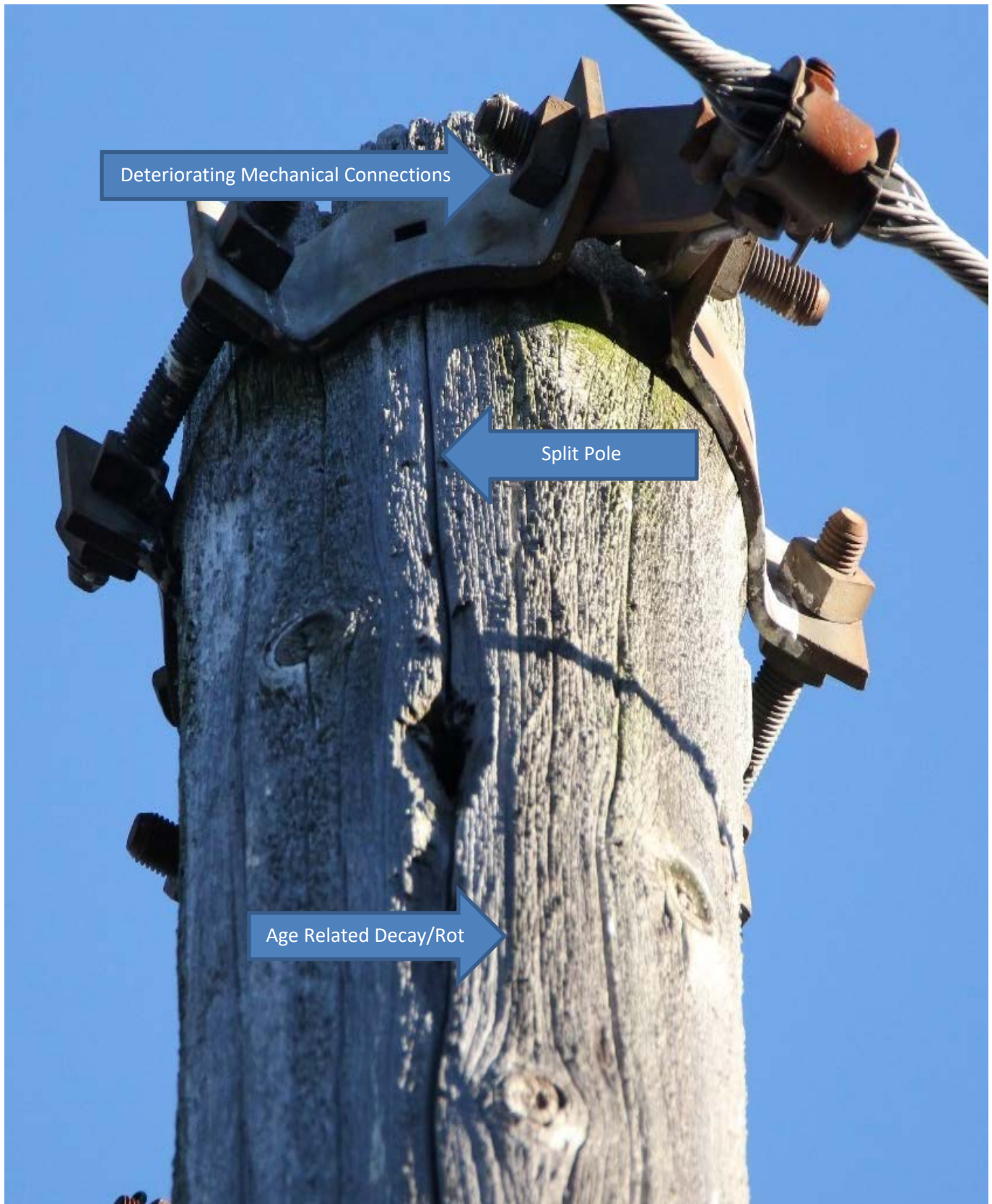
  
Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS AND**  
**PHOTO SIMULATION**

Structure #25000

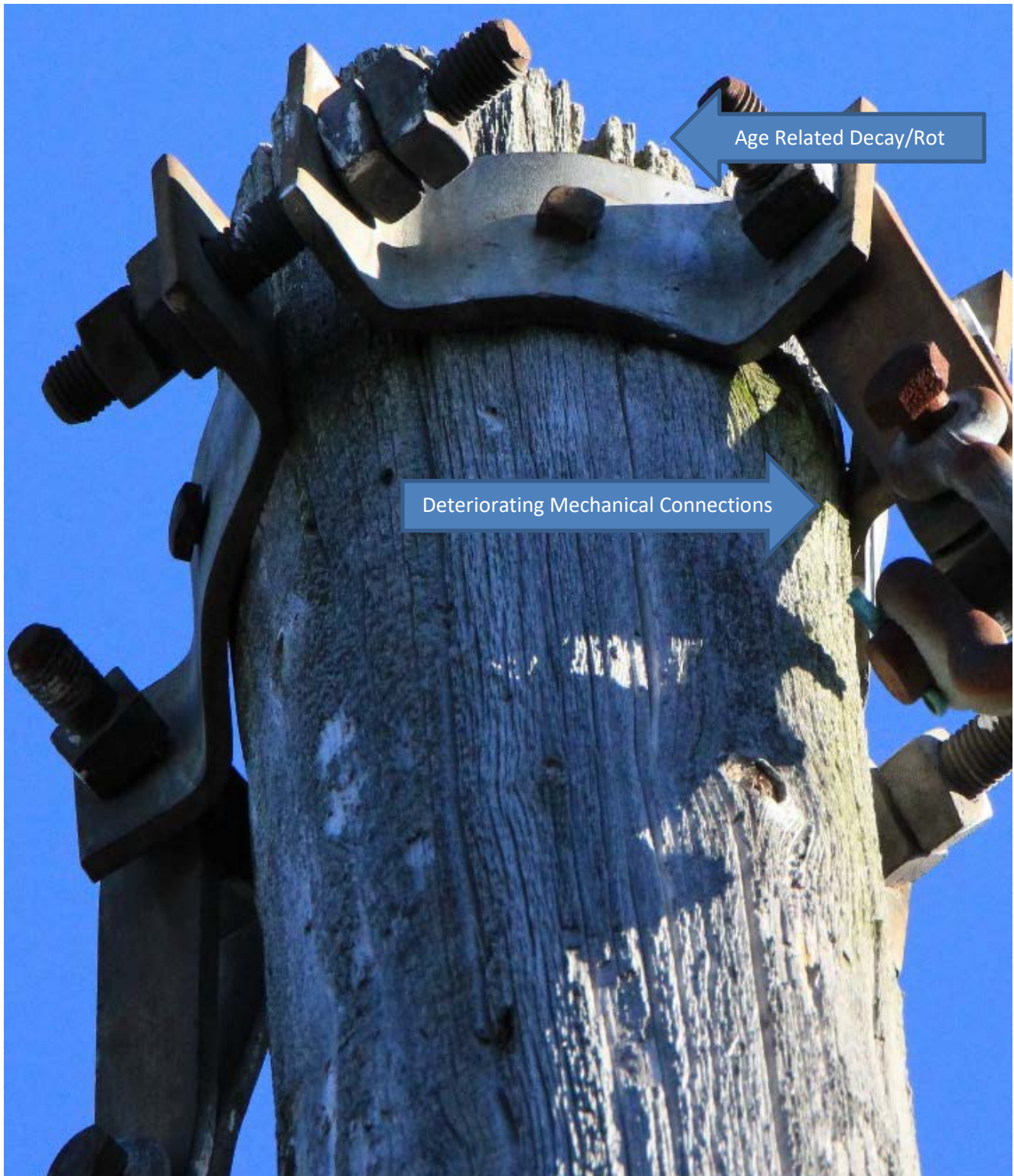


Structure #25003





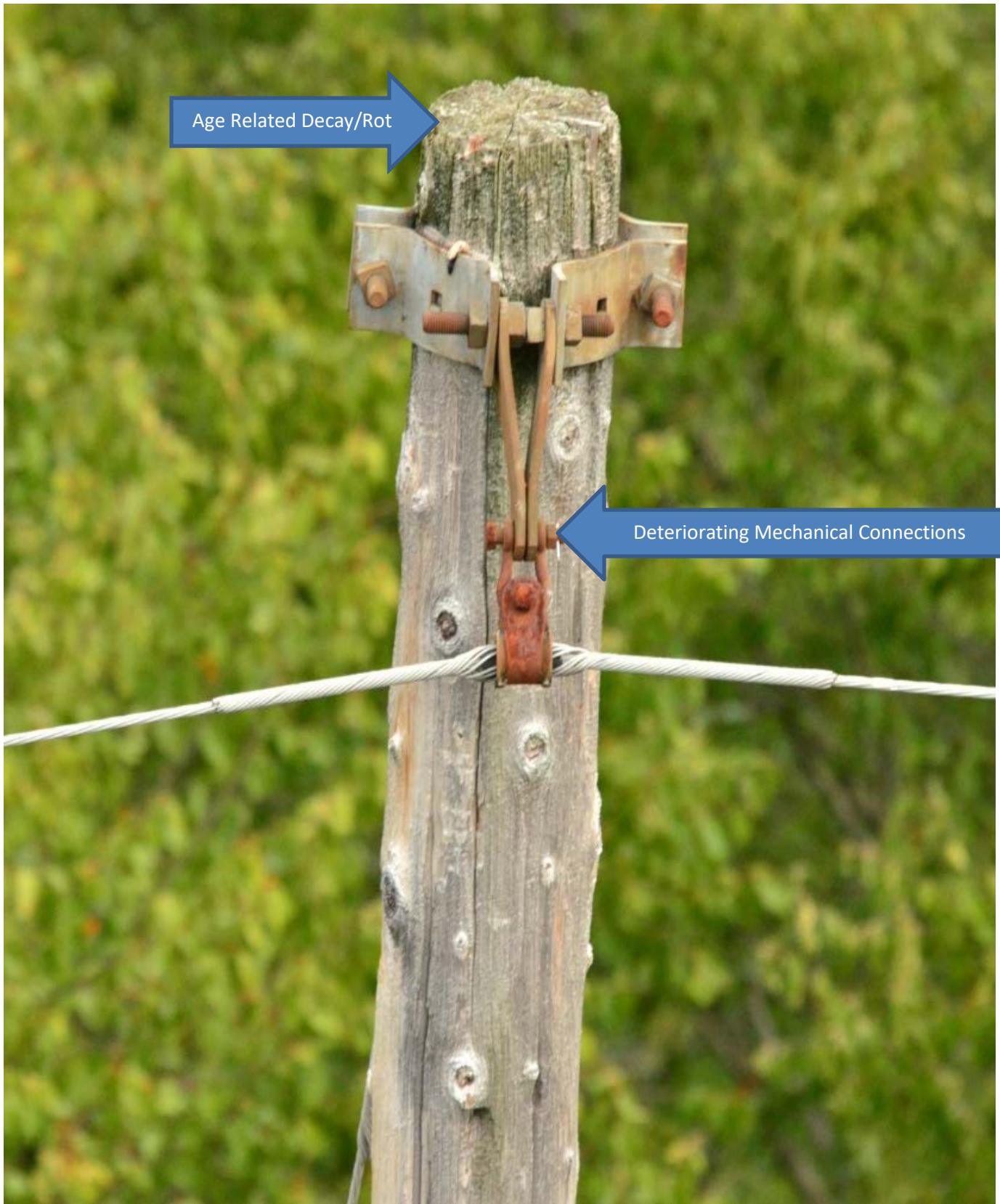
Structure #25009



Age Related Decay/Rot

Deteriorating Mechanical Connections

Structure #25048

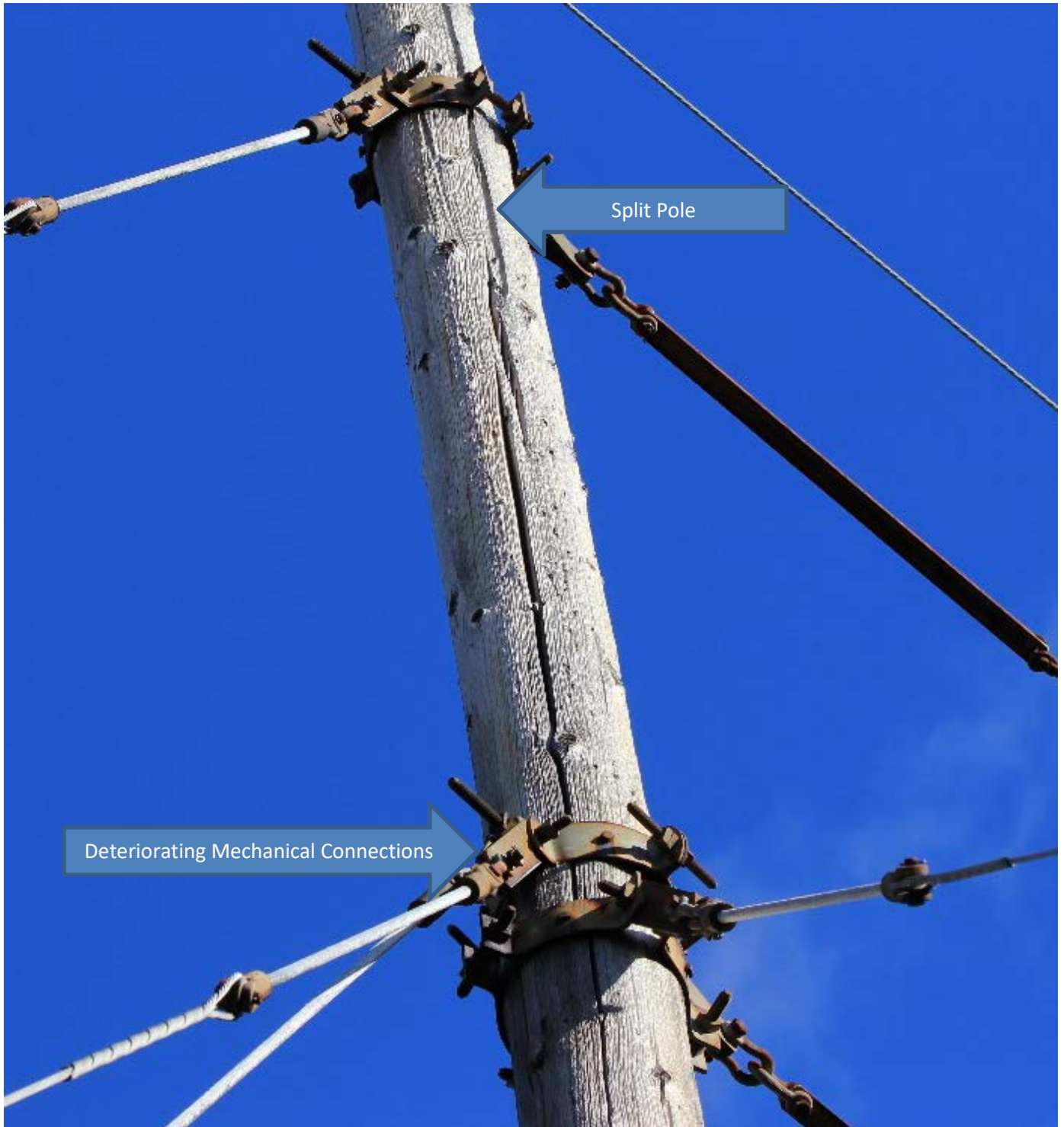


Age Related Decay/Rot

Deteriorating Mechanical Connections



Structure #25049







**EXISTING**

1835 LINE  
**STRUCTURE 25012**

LOCATION  
**RIGHT-OF-WAY ACCESS ROAD**

ORIENTATION  
**EAST**





**PROPOSED**

1835 LINE  
**STRUCTURE 25012**

LOCATION  
**RIGHT-OF-WAY ACCESS ROAD**

ORIENTATION  
**EAST**

## **ATTACHMENT C**

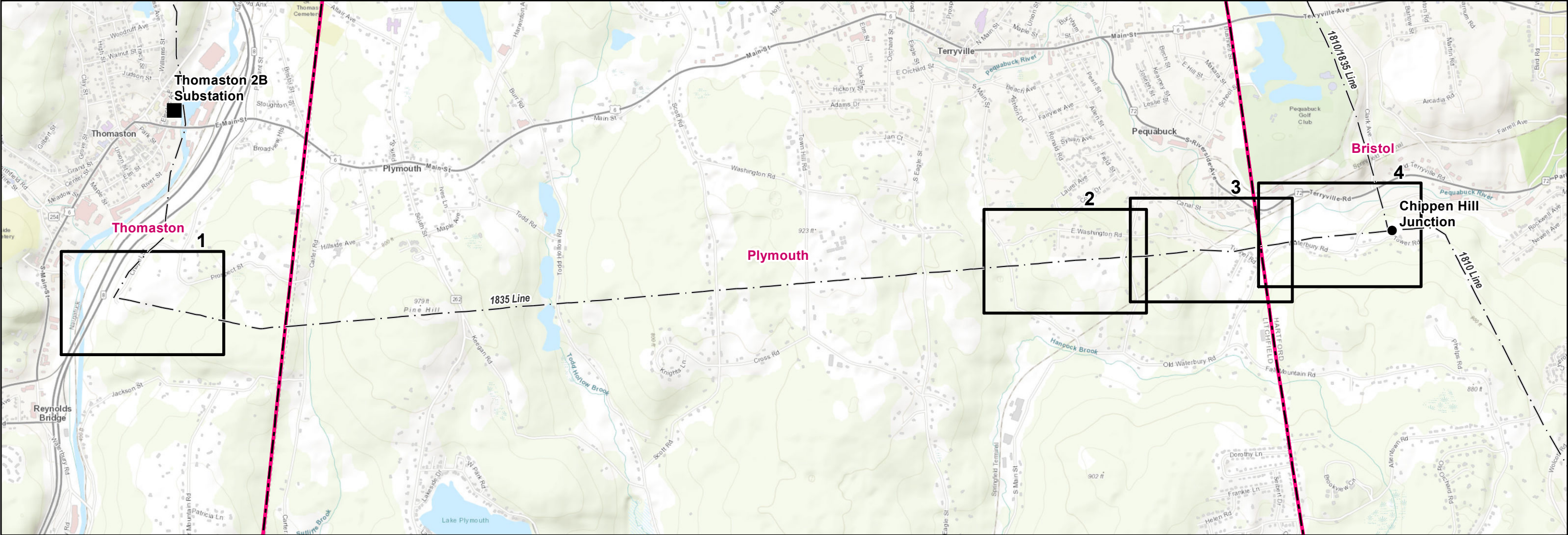
### **MAPS**



1835 LINE STRUCTURE REPLACEMENT PROJECT

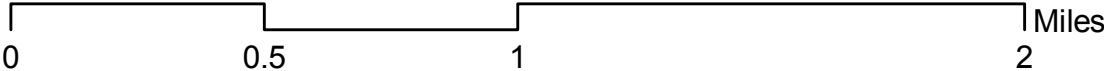
Thomaston, Plymouth, and Bristol, CT  
Sub-Petition Map

Date: 9/18/2018



Legend

● Junction    ■ Substation    □ Map Sheet    - · - Overhead Eversource Line    □ Municipal Boundary



INDEX OF FIGURES

- T1 Title Sheet & Index
- 1-6 Map Sheets & Abutter Tables

PREPARED FOR:

**EVERSOURCE**  
ENERGY

107 Selden Street  
Berlin, CT 06037

PREPARED BY:

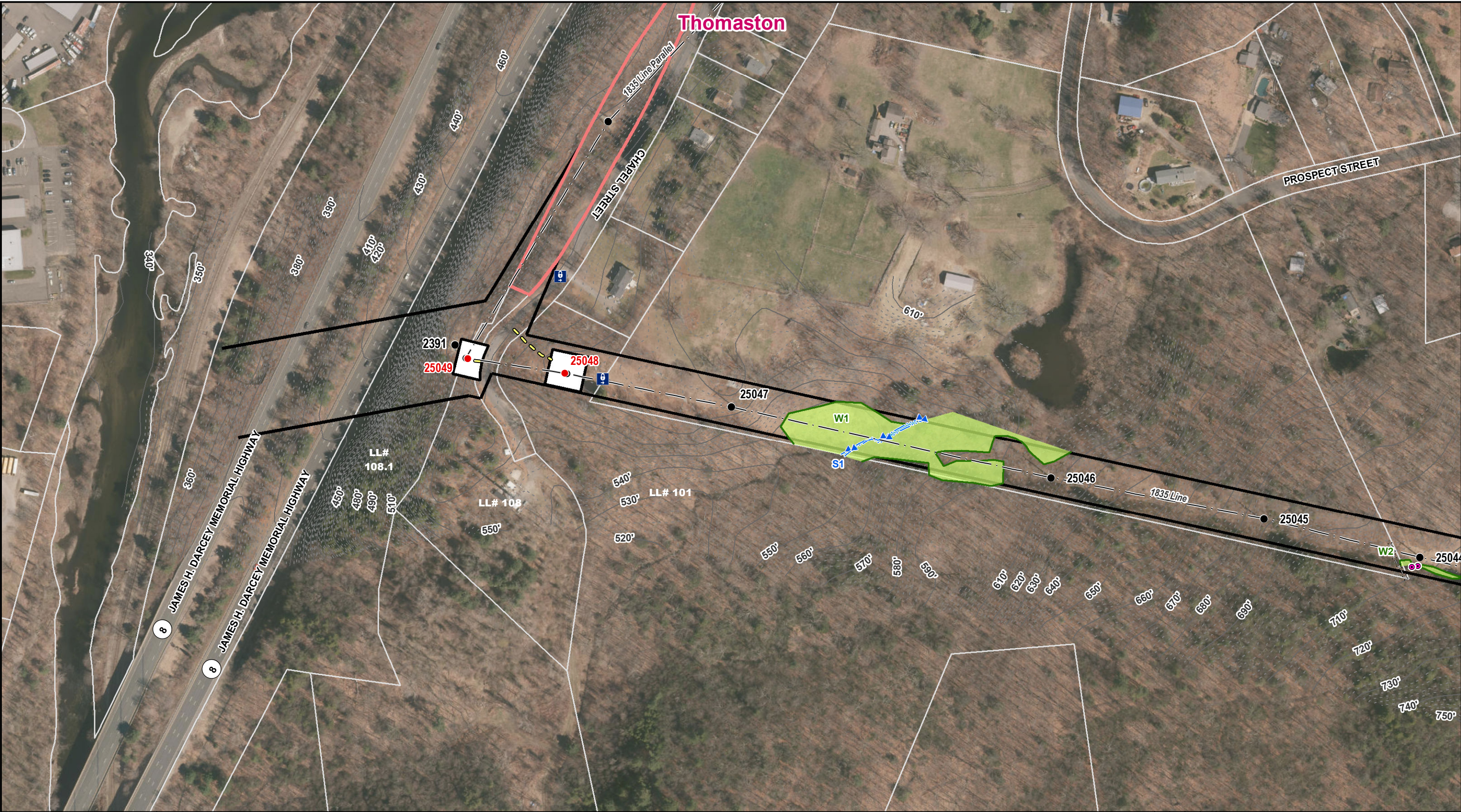
**AECOM**

500 Enterprise Drive  
Rocky Hill, CT 06067

1835 Line Structure Replacement Project  
Sub-Petition Map Sheet 01 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
101	JAMES M. AND LINDA M. MICHAUD	400 PROSPECT STREET	THOMASTON	CT
108	TOWN OF THOMASTON	580L CHAPEL STREET	THOMASTON	CT
108.1	CT DEPT OF TRANSPORTATION	ROUTE 8 ROW	THOMASTON	CT





INDEX MAP

Proposed Structure

Existing Structure to be Removed

Existing Structure

Existing Right-of-Way (ROW)

Overhead Eversource Line

Existing Access

Proposed Access

Proposed Alternate Access

Access Road to be Improved

Delineated Wetland Boundary Outline

Delineated Perennial Watercourse

Delineated Intermittent Watercourse

Field Delineated Wetland

Approximate Wetland (not delineated)

FEMA Floodway

FEMA 100 year Flood Zone

Temporary Construction Matting

Approximate Tree Line

Rare Species (Dec 2017)

State-Owned Property

Critical Habitat

Eversource Owned Property

Municipal Boundary

Stone Work Pads

Gate

Culvert

Parcel Boundary

2' Contour Line

10' Contour Line

Fence

State Highway

Wetland ID

Watercourse ID

Line List Number

1835 Line Structure Replacement Project

Thomaston, CT

Map Sheet 1 of 4

9/18/2018

EVERSOURCE ENERGY

AECOM

NO.

DATE

REVISIONS

BY

CHK

APP

APP

1

9/18/2018

Initial Design

JD

JK

JK

JK

1 inch = 200 feet

0

50

100

200

Feet



1835 Line Structure Replacement Project  
Sub-Petition Map Sheet 02 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
130	DAYLE ROCKWELL GLOWA	92 EAST WASHINGTON ROAD	PLYMOUTH	CT
130.1	DAYLE R. GLOWA, TRUSTEE	7 ARROW DRIVE	PLYMOUTH	CT
135	ROGER W. SR. + ANNA L. KEYES	205 ALLEN STREET	PLYMOUTH	CT
135.1	CONNECTICUT LIGHT AND POWER	WASHINGTON ROAD	PLYMOUTH	CT







1835 Line Structure Replacement Project  
Sub-Petition Map Sheet 03 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
135	ROGER W. SR. + ANNA L. KEYES	205 ALLEN STREET	PLYMOUTH	CT
135.1	CONNECTICUT LIGHT AND POWER	WASHINGTON ROAD	PLYMOUTH	CT
138	NATE R. CHAPIN	40 TUNNEL ROAD	PLYMOUTH	CT
139	SARAH A. POUDRIER	46 TUNNEL ROAD	PLYMOUTH	CT
139.1	PANAM SOUTHERN LLC	TUNNEL ROAD	PLYMOUTH	CT
141	CONNECTICUT LIGHT AND POWER	62 TUNNEL ROAD	PLYMOUTH	CT
150	ANN MARIE + GABRIEL RUSSO	WATERBURY ROAD	BRISTOL	CT







1835 Line Structure Replacement Project  
Sub-Petition Map Sheet 04 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
150	ANN MARIE + GABRIEL RUSSO	WATERBURY ROAD	BRISTOL	CT
158	CONNECTICUT LIGHT AND POWER	WATERBURY ROAD	BRISTOL	CT







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

November 1, 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 Thomaston, Plymouth and Bristol. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-TPB-01 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](mailto:siting.council@ct.gov). If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-TPB-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 [TransmissionInfo@eversource.com](mailto: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 November 01, 2018, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-TPB-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 10 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 Thomaston  
Attn: The Honorable Edmond V. Mone, First Selectman  
Thomaston Town Hall  
158 Main Street  
Thomaston, CT 06787

Town of Plymouth  
Attn: The Honorable David V. Merchant, Mayor  
Plymouth Town Hall  
80 Main Street  
Terryville, CT 06786

City of Bristol  
Attn: The Honorable Ellen Zoppo-Sassu, Mayor  
Bristol City Hall  
111 North Main Street  
Bristol, CT 06010

  
James L. Smith  
Project Siting Specialist

On this the 1st day of November, 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:

