

October 1, 2019

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

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

Dear Ms. Bachman:

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

Eversource notified the officials of the municipalities of Plymouth and Wolcott 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 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 ELECTRIC  
SAFETY CODE CLEARANCE REQUIREMENTS

Town: Plymouth and Wolcott

Sub-Petition 1293-PW-01

Project: 329 Transmission Line Structure Replacement Project

Structure Locations: 8 Transmission Line Structures located in Plymouth and Wolcott, 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 329 Transmission Line Structure Replacement Project (the "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, many structures require replacement on a portion of the 329 Line in Plymouth and Wolcott, between Greystone Road Extension in Plymouth and a location just east of Beecher Road in Wolcott. The 329 Line, in its entirety, is a 345-kilovolt single-circuit line that extends from Frost Bridge Substation in Watertown to Southington Substation in Southington. Of the structures that will be replaced, eight structures require a slight increase in structure height to comply with current clearance requirements. These eight structures to be replaced are wood H-Frame structures.

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 8 existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing structure, though slightly taller (10 feet or less) than the existing structure. The replacement structures will be installed within 15 feet of the existing structure locations.

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 or existing right-of-way ("ROW") utilizing existing and temporary access roads (collectively the "Work Areas"). Some of the existing access roads would be improved. Eversource would access each of the structure replacement locations utilizing its existing rights.
- b) Collectively, the Work Activities would result in approximately 28,865 square feet ("SF") of temporary wetland impacts, limited to temporary construction matting required for the construction of access roads and work pads for three structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W4	8218	0	±2,453
W22	8232	±10,000	±1,193
W32	8257	±10,000	±2,107
W33	8257	0	±3,112
<i>Subtotals:</i>		<i>±20,000</i>	<i>±8,865</i>
<b>TOTAL:</b>		<b>±28,865</b>	

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 direct impacts to vernal pools ("VP") would result from the proposed Work Activities. Vernal pool species protection measures will be implemented where Work Activities extend into the potential vernal pool envelopes ("PVPE"). A total of two potential vernal pool ("PVP") habitats have been identified near Work Areas. A portion of the temporary access road for Structure 8218 would be located within the PVPE associated with PVP1, and a portion of the temporary work pad and access road for Structure 8234 would be located within the PVPE associated with PVP3. Existing access roads will not be widened or altered where they extend into the PVPEs of isolated PVP habitats. Non-elevated construction matting would be utilized on the temporary work pad for Structure 8234 to avert amphibian access and avoid entrapment. Vegetation removal in PVPEs will be minimized and limited to hand clearing only.

An environmental monitor will oversee the Work Areas for activities conducted during the amphibian breeding season. If amphibian migration activity starts during the Work Activities, additional BMPs will be implemented to protect vernal pool species. With the implementation of these protective measures, no adverse impact to vernal pools would result from the proposed Work Activities.

- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDB"), Eversource determined that no Work Areas are proposed within a NDDB buffered area and wetland jurisdictional area and/or CTDEEP

owned/managed land; therefore, they would not be subject to a NDDDB 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. Consequently, no adverse impact to rare species will result from activities proposed in the Work Areas.

- e) The Work Activities 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 any National or State Register of Historic Places properties/districts 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. Heritage completed a Phase 1B cultural reconnaissance survey (shovel pit testing) at these locations and found no physical evidence of archaeological significance; therefore, no further investigation is recommended or warranted.
- g) Increases in the heights of the eight replacement structures will average approximately 6 feet and none will exceed 10 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) Work Activities associated with Structure 8257 are located partially within the 100-year flood zone associated with Roaring Brook. Eversource would utilize its BMPs to minimize any impacts to the flood zone by utilizing temporary construction matting that would ensure that the floodplain hydrology would not be adversely affected. With these protective measures and the use of BMPs, no adverse impact to the 100-year flood zone would result from the proposed Work Activities.
- j) 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.
- 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.
- Potential impacts to wetlands and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- Vernal pool protective measures will be incorporated into the Eversource's BMPs during construction.

- Potential impacts to the 100-year flood zone would be avoided with adherence to the BMPs and the use of temporary construction matting.
- 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 as needed. 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.

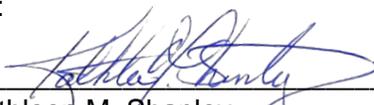
V. Access:

No new permanent access roads are proposed within the ROW; however, portions of existing access roads in upland areas 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 wetlands. 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 property and/or the ROW from existing access points on public roads as follows:

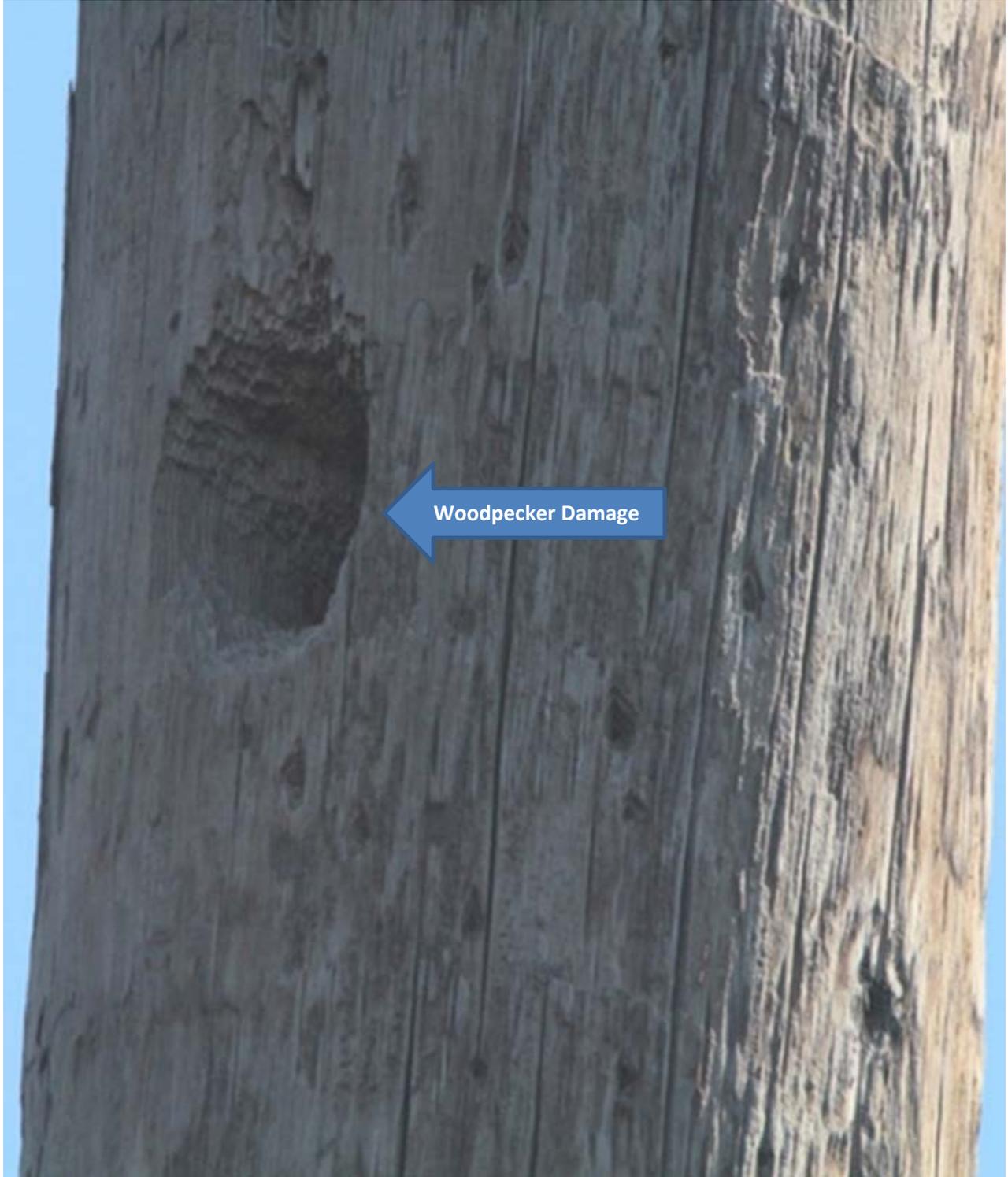
- Clinton Hill Road and/or Andrews Road for Structures 8215, 8218 and 8221
- Spindle Hill Road for Structures 8232, 8233 and 8234
- Beecher Road for Structures 8257 and 8261

By:

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

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

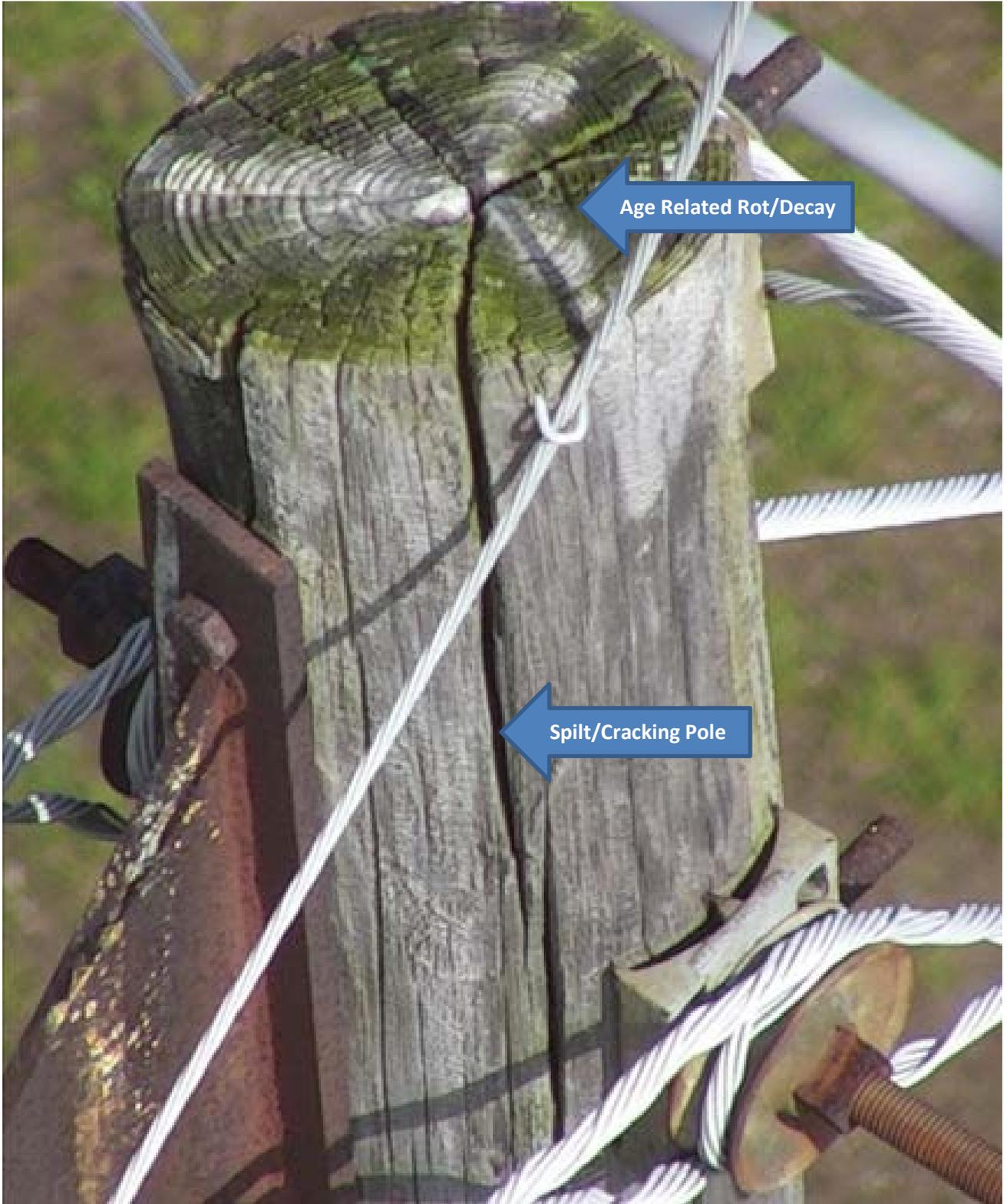
Structure #8218



Structure #8221



Structure #8234





**EXISTING**

329 LINE

**STRUCTURE 8232**

LOCATION

**SPINDLE HILL ROAD  
WOLCOTT, CT**

ORIENTATION

**WEST**





**PROPOSED**

329 LINE

**STRUCTURE 8232**

LOCATION

**SPINDLE HILL ROAD  
WOLCOTT, CT**

ORIENTATION

**WEST**



**ATTACHMENT C**

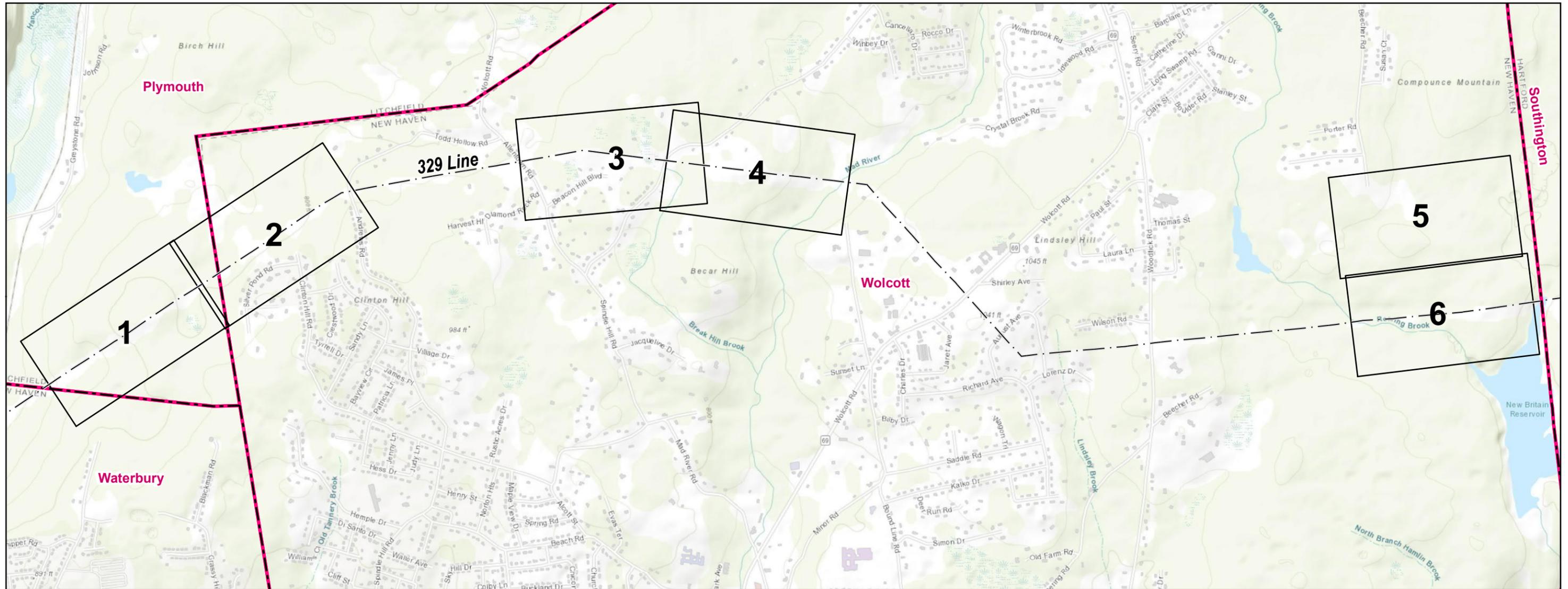
**MAPS**

# 329 LINE STRUCTURE REPLACEMENT PROJECT

Plymouth & Wolcott, CT

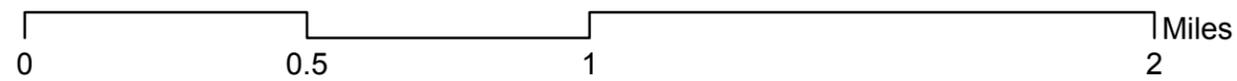
Sub-Petition Map Set

Date: September 27, 2019



### Legend

- Overhead Eversource Line
- ▭ Municipal Boundary
- ▭ Mapsheets



### INDEX OF FIGURES

Title Sheet & Index Map  
A-butter Tables & Map Sheets 1-6



PREPARED FOR:  
**EVERSOURCE**  
ENERGY

107 Selden Street  
Berlin, CT 06037

PREPARED BY:

**AECOM**

500 Enterprise Drive  
Rocky Hill, CT 06067

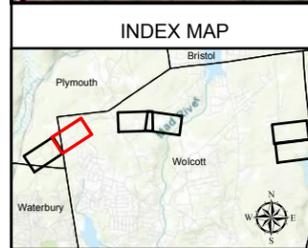
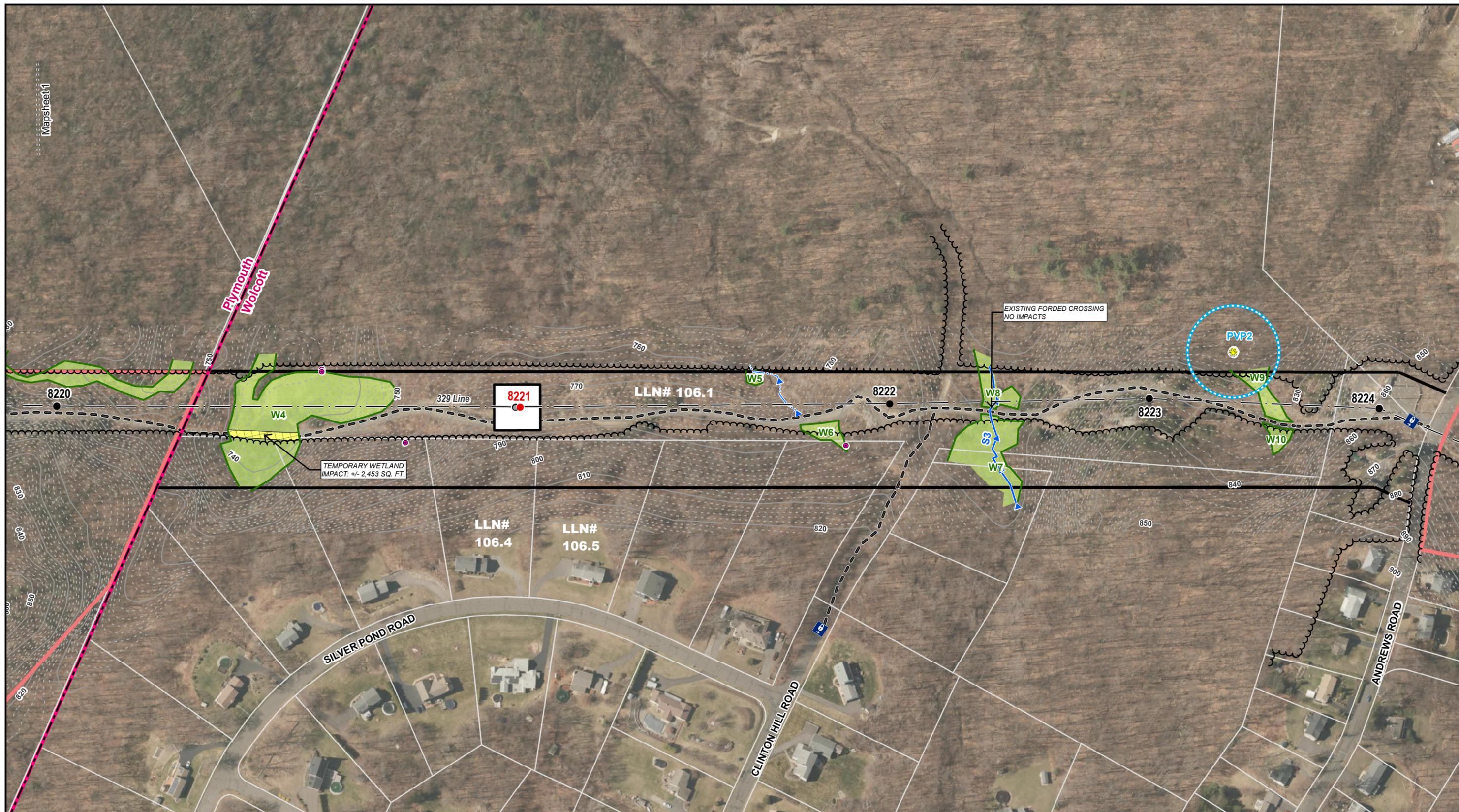
329 Line Structures Replacement Project  
Sub-Petition Map Sheet 01 Abutter's List

Line List Number	Owner Name	Parcel Address	Town	State
105.1	CONNECTICUT LIGHT & POWER CO.	GREYSTONE ROAD	PLYMOUTH	CT
105.3	CONNECTICUT LIGHT & POWER CO.	GREYSTONE ROAD	PLYMOUTH	CT



329 Line Structures Replacement Project  
Sub-Petition Map Sheet 02 Abutter's List

Line List Number	Owner Name	Parcel Address	Town	State
106.1	CLINTON HILL ROAD PROPERTIES LLC	CLINTON HILL ROAD	WOLCOTT	CT
106.4	GALE BUGG	20 SILVER POND ROAD	WOLCOTT	CT
106.5	HOWARD F. & DAWN F. NUEHLEN	14 SILVER POND ROAD	WOLCOTT	CT



**Legend**

- Proposed Structure
- Existing Structure to be Removed
- Existing Structure
- Existing Right-of-Way (ROW)
- Eversource Overhead Line
- 2' Contour Line
- 10' Contour Line
- Stone Work Pads
- Delineated Wetland Boundary Outline
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Watercourse (not delineated)
- Approximate Wetland (not delineated)
- Field Delineated Wetland
- Open Water
- FEMA 100 year Flood Zone
- ★ Potential Vernal Pool
- Potential Vernal Pool Extent
- 100' Vernal Pool Envelope
- Hiking Trails
- Parcel Boundary
- Natural Diversity Data Base Area (June 2019)
- Critical Habitat
- Approximate Tree Line
- State-Owned Property
- Eversource Owned Property
- Municipal Boundary
- Culvert (centerpoint)
- Gate
- Existing
- Proposed
- Proposed Alternate
- Access Road to be Improved

NO.	DATE	REVISIONS	BY	CHK	APP	APP

**EVERSOURCE ENERGY**

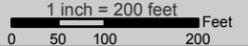
**329 Line Structure Replacement Project**

Wolcott, CT

Map Sheet 2 of 6

9/27/2019

**AECOM**



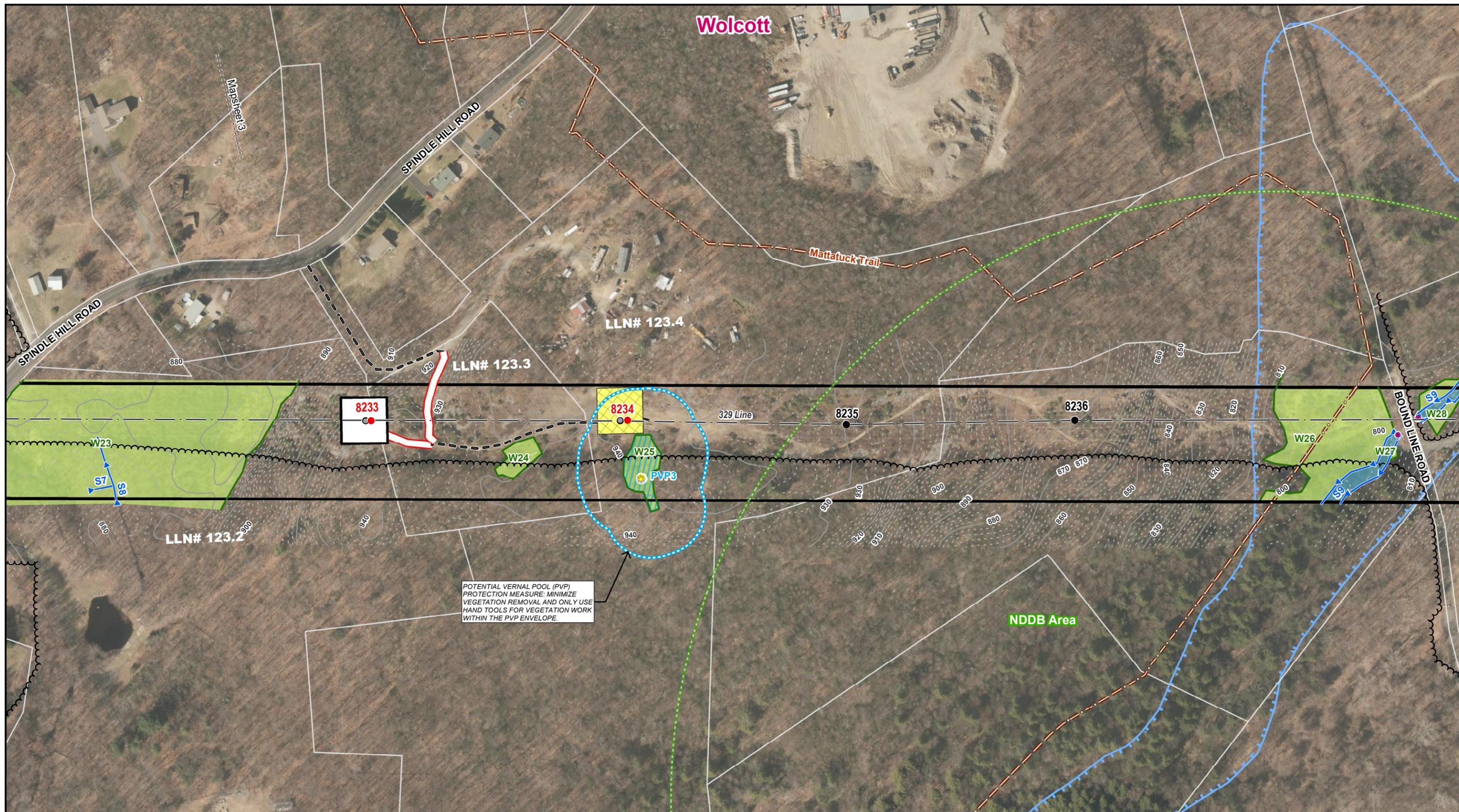
329 Line Structures Replacement Project  
Sub-Petition Map Sheet 03 Abutter's List

Line List Number	Owner Name	Parcel Address	Town	State
120	KENNETH L. & SUSAN L. PICCOLO JR.	929 SPINDLE HILL ROAD	WOLCOTT	CT
122.1	CONNECTICUT LIGHT & POWER CO.	SPINDLE HILL ROAD	WOLCOTT	CT
123.2	WILLIAM G. & CAROL R. GLADCHUCK	930 SPINDLE HILL ROAD	WOLCOTT	CT

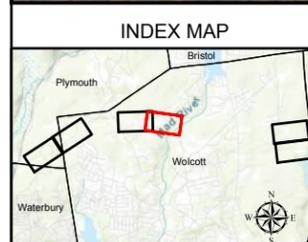


329 Line Structures Replacement Project  
Sub-Petition Map Sheet 04 Abutter's List

Line List Number	Owner Name	Parcel Address	Town	State
123.2	WILLIAM G. & CAROL R. GLADCHUCK	930 SPINDLE HILL ROAD	WOLCOTT	CT
123.3	BRUCE F. & BARBARA L. BIRD	SPINDLE HILL ROAD	WOLCOTT	CT
123.4	RAYMOND GELINAS JR.	1034 SPINDLE HILL ROAD	WOLCOTT	CT



POTENTIAL VERNAL POOL (PVP)  
 PROTECTION MEASURE: MINIMIZE  
 VEGETATION REMOVAL AND ONLY USE  
 HAND TOOLS FOR VEGETATION WORK  
 WITHIN THE PVP ENVELOPE.



**Legend**

- Proposed Structure
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- Critical Habitat
- Approximate Tree Line
- State-Owned Property
- Eversource Owned Property
- Municipal Boundary
- Culvert (centerpoint)
- Gate
- Existing
- Proposed
- Proposed Alternate
- Access Road to be Improved



1 inch = 200 feet  
 0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

**EVERSOURCE ENERGY**

**329 Line Structure Replacement Project**

Wolcott, CT

Map Sheet 4 of 6

9/27/2019

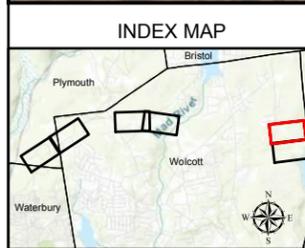
**AECOM**

329 Line Structures Replacement Project  
Sub-Petition Map Sheet 05 Abutter's List

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NO ABUTTERS TO JURISDICTIONAL WORK AREAS

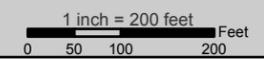


Mapsheet6



**Legend**

- Proposed Structure
- Existing Structure to be Removed
- Existing Structure
- Existing Right-of-Way (ROW)
- Eversource Overhead Line
- - - 2' Contour Line
- - - 10' Contour Line
- ▭ Stone Work Pads
- ▭ Delineated Wetland Boundary Outline
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- ▭ Proposed Alternate
- ▭ Access Road to be Improved



NO.	DATE	REVISIONS	BY	CHK	APP	APP

**EVERSOURCE ENERGY**

**329 Line Structure Replacement Project**

Wolcott, CT

Map Sheet 5 of 6

9/27/2019

**AECOM**

329 Line Structures Replacement Project  
Sub-Petition Map Sheet 06 Abutter's List

Line List Number	Owner Name	Parcel Address	Town	State
147.5	CITY OF NEW BRITAIN AND BOARD OF WATER COMMISSIONERS	BEECHER ROAD	WOLCOTT	CT



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

October 1, 2019

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 Plymouth and/or Wolcott. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-PW-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 6 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-PW-01 in your correspondence.

**Our Commitment to You**

We are committed to be 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,

*Jared Kupiec*

Jared Kupiec  
Eversource Project Manager – Transmission Maintenance

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 October 1, 2019, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-PW-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 8 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 Plymouth  
The Honorable David Merchant, Mayor  
80 Main Street  
Terryville, CT 06786

Town of Wolcott  
The Honorable Thomas Dunn, Mayor  
10 Kenea Avenue  
Wolcott, CT 06716

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

On this the 15<sup>th</sup> day of October 2019, 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: 1/31/2022

**CHERYL DEFURIO**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES JAN. 31, 2022