

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

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

October 23, 2020

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

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

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-BS-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Bristol and Southington, Connecticut. The work includes replacing 13 existing wood transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Bristol and 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).

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,

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 <u>EVERSOURCE ENERGY</u>

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

Towns: Bristol and Southington

Sub-Petition 1293-BS-01

Project: 1810/1825 Transmission Lines Structure Replacement Project

Structure Locations: 13 Transmission Line Structures located in Bristol and 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 1810/1825 Transmission Lines 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 conditions, many structures require replacement on a portion of the 1810 Line between Wolcott Street and Greystone Avenue in Bristol, where the 1810 Line exists as a single-circuit line, and on a portion of the 1810/1825 Line between South Street in Bristol and Forestville Junction in Southington, where the 1810/1825 Line exists as a double-circuit line. The 1810 Line, in its entirety, is a three-terminal 115-killovolt line that extends from Southington Substation in Southington to Bristol Substation in Bristol to Chippen Hill Substation in Bristol. The 1825 Line, in its entirety, is a 115-killovolt line that extends from Forestville Substation in Bristol to Bristol Substation. Of the structures that will be replaced, 13 structures require an increase in structure height to comply with current clearance requirements. These 13 structures to be replaced are a mix of wood H-frame and three-pole structures.

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 13 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 or existing right-of-way ("ROW") utilizing existing and proposed new permanent 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, the Work Activities would result in approximately 8,886 square feet ("SF") of temporary wetland impacts from the temporary use of matting required for the construction of access roads and work pads for two structures as follows:

Wetland	Structure	Construction Work Pads	Access Roads
Number	Number	Temporary Impacts (SF)	Temporary Impacts (SF)
W9	1860	0	±1,586
W18	1845	±7,300	0
Subtotals:		±7.300	±1,586
TOTAL:		±8,8	886

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. Based on a review of historic maps, aerial photographs, and available soil profiles, the proposed Work Areas were identified to possess no/low archaeological sensitivity; therefore, Heritage advised that no further examination is recommended or warranted.
- g) Increases in the heights of the 13 replacement structures will vary from 4.5 feet to 22.5 feet to comply with current clearance requirements with an average structure height increase of approximately 12 feet.
- Replacement structures would be located within 10 feet of existing structures, except for Structure 1866, which would be located approximately 140 feet from the existing location to address concerns related to conductor sway.
- i) There are no 100-year flood zones in the Work Areas.
- 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. <u>Mitigation:</u>

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.
- 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 onto 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 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. <u>Access:</u>

Some new permanent access roads would be constructed to facilitate access to structures within the ROW and 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. 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 property and/or the ROW from existing access points on public roads as follows:

<u>Bristol</u>

- Wolcott Street for Structure 1936
- Old Wolcott Road for Structures 1932 and 1929
- Willis Street for Structures 1928 and 1926
- Mountain Road for Structures 1868, 1867, 1866, 1863 and 1861
- Lakeside Drive for Structure 1860

Southington

- West Street for Structure 1847
- Westwood Dive for Structure 1845

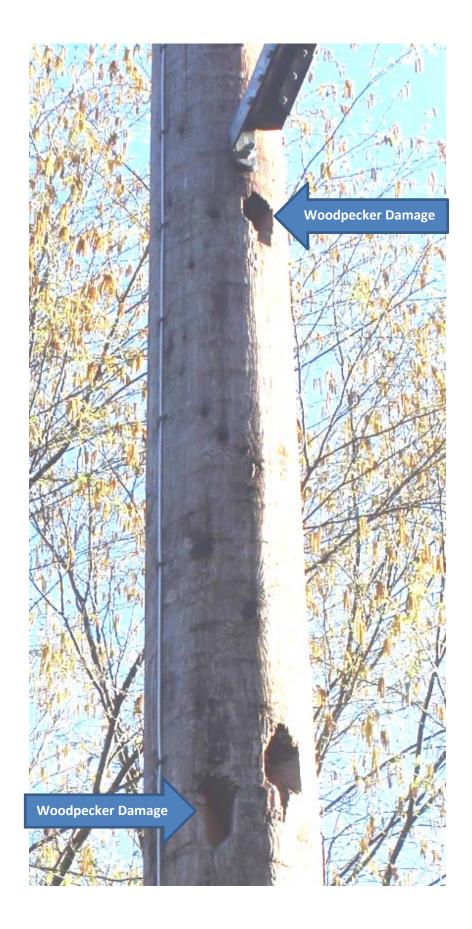
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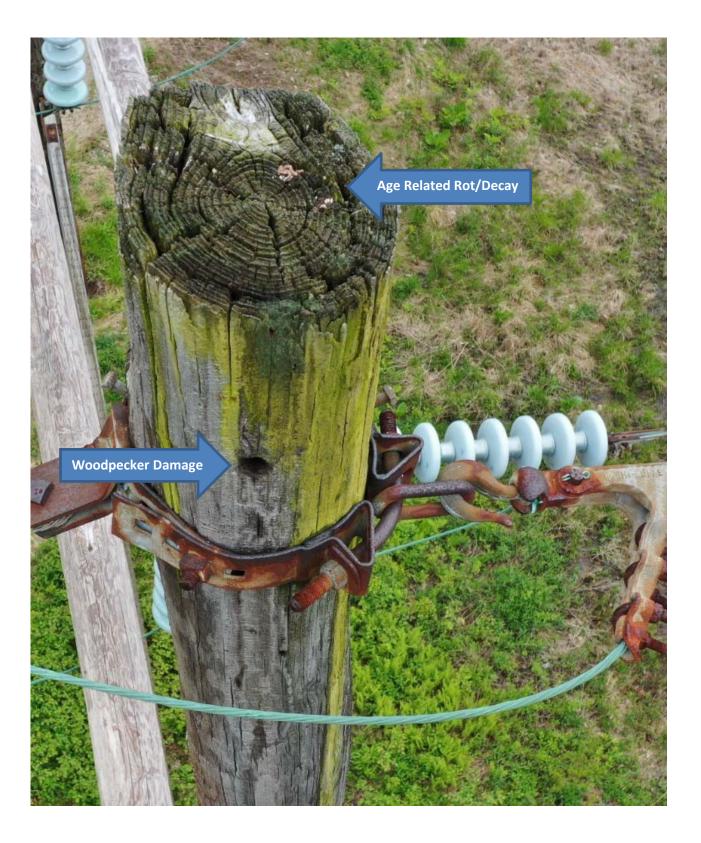
Kathleen M. Shanley Manager - Transmission Siting

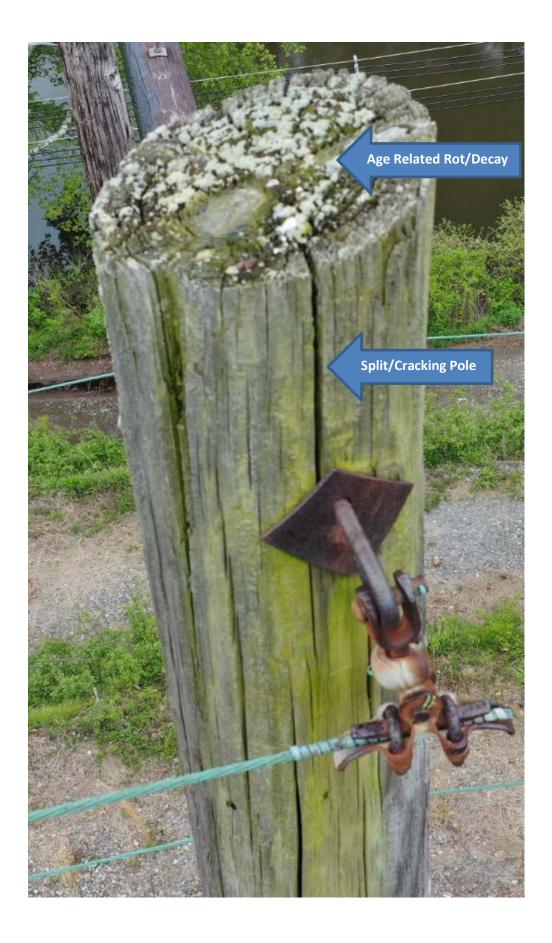
ATTACHMENT B

PHOTOGRAPHS







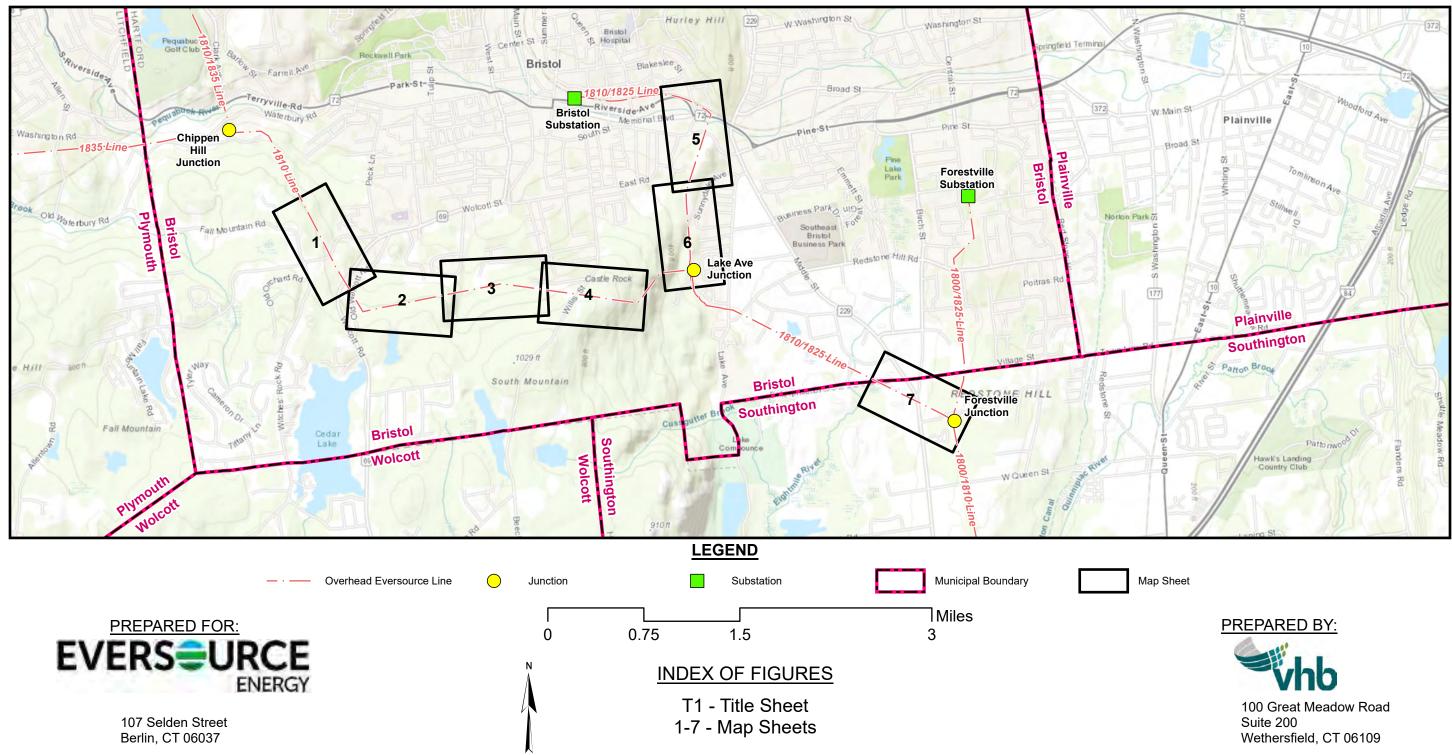


ATTACHMENT C

MAPS

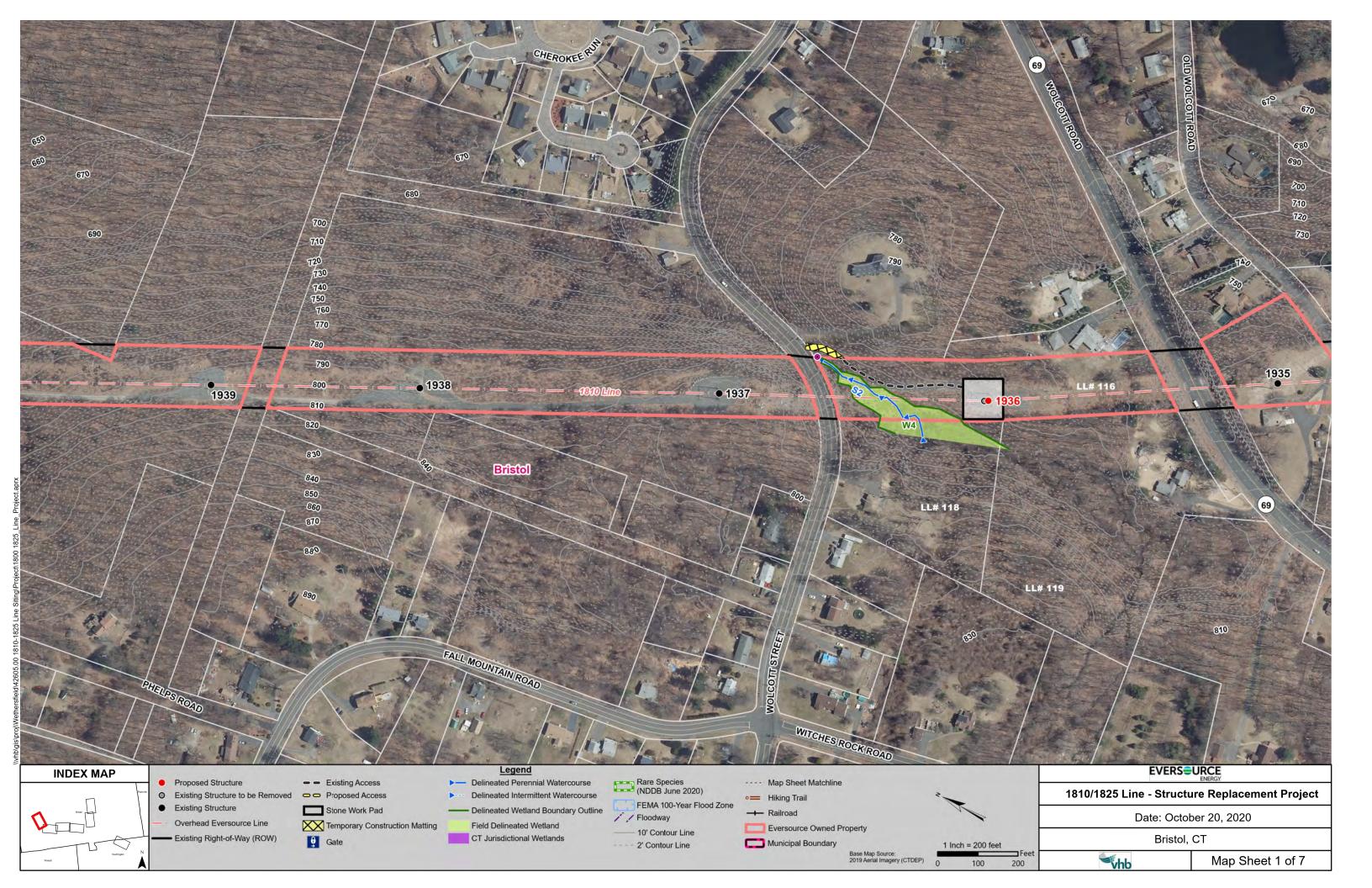
Bristol and Southington, CT Sub-Petition Map Set





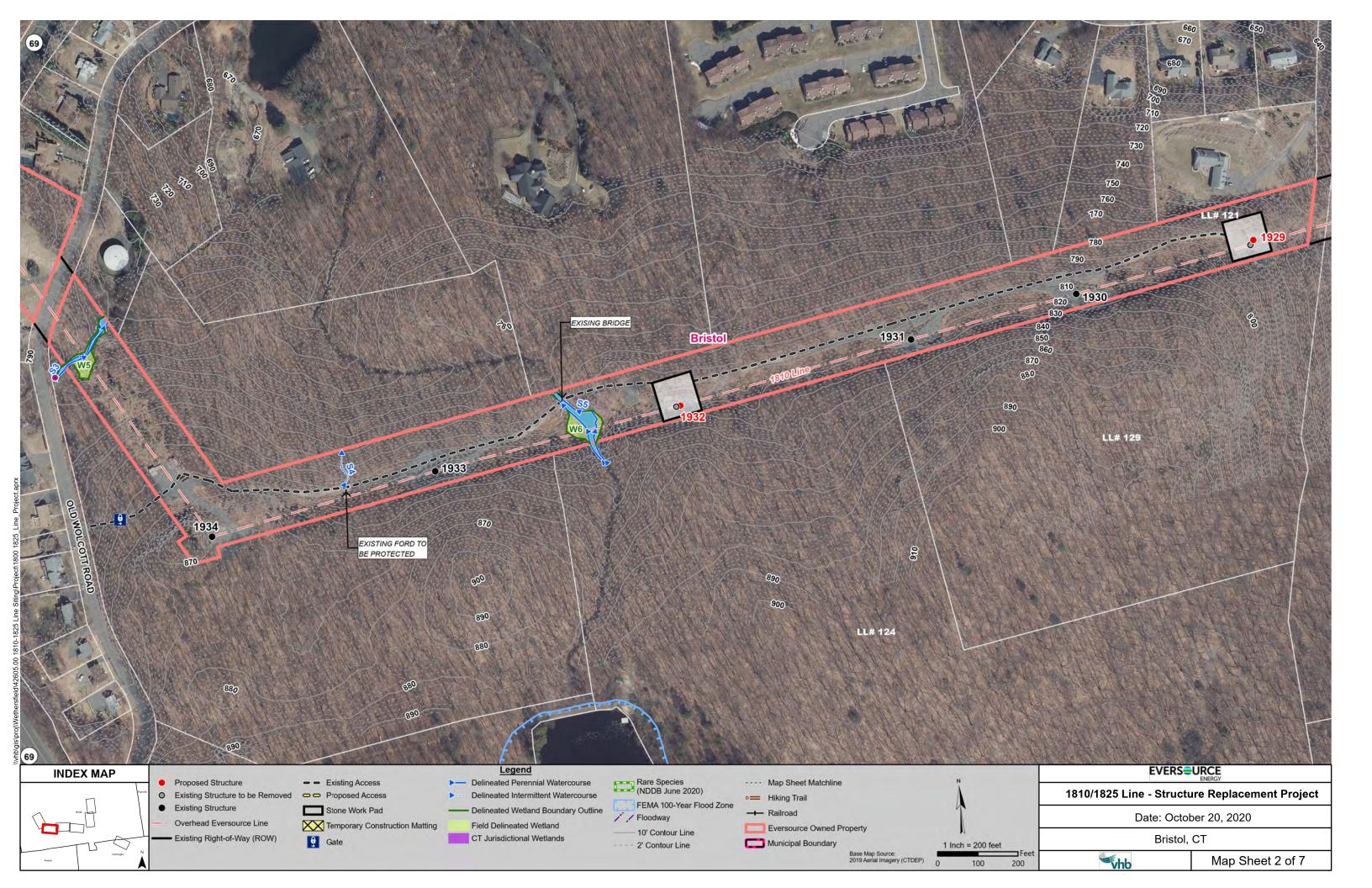
Map Sheet 01 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
116	CONNECTICUT LIGHT AND POWER CO	N/A	WOLCOTT ST	BRISTOL	СТ
118	ANITA	PAPARELLO	789 WOLCOTT ST	BRISTOL	СТ
119	COLIN & ELIZABETH	GRAHAM	200 WOLCOTT RD	BRISTOL	СТ



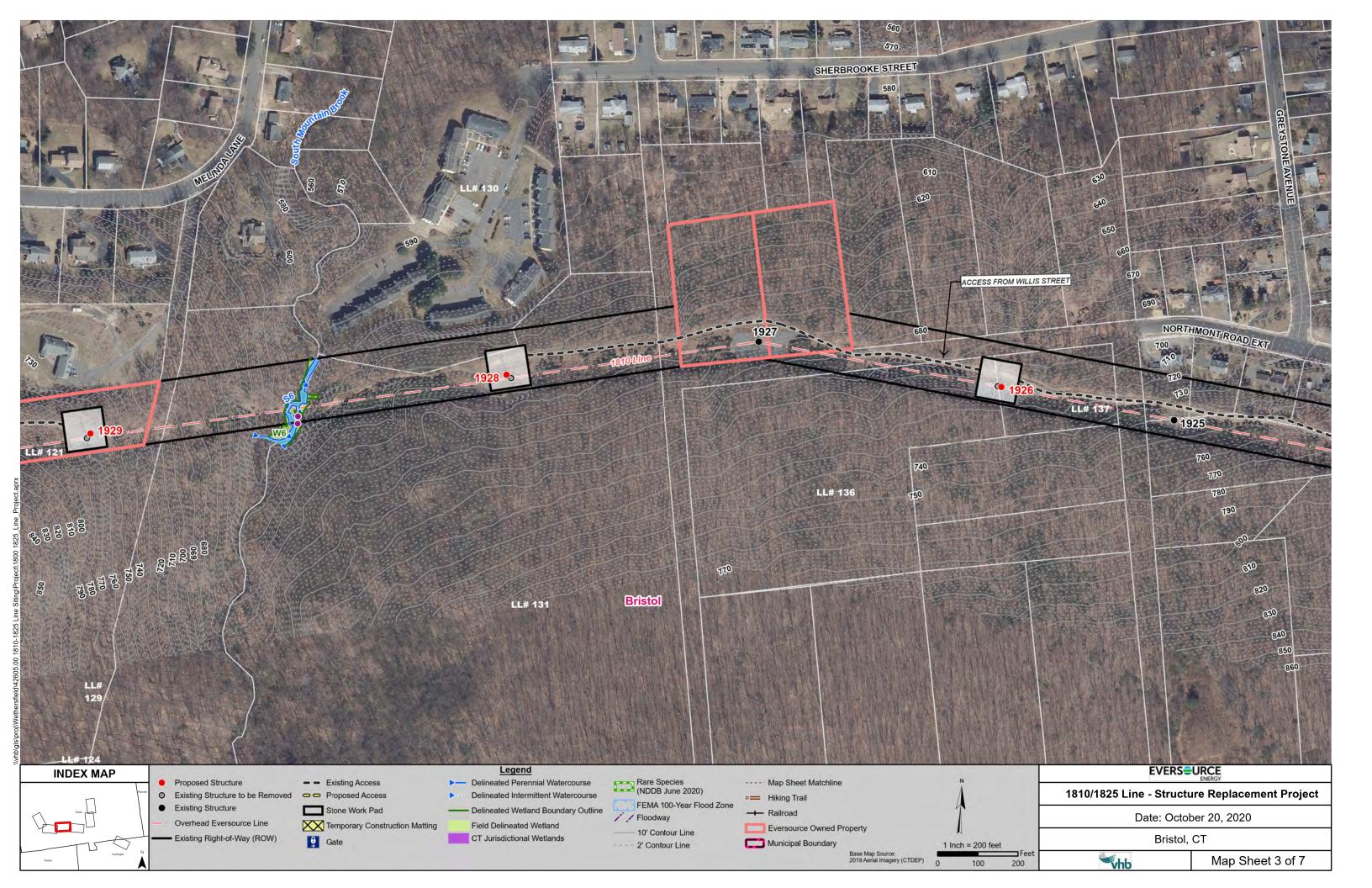
Map Sheet 02 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
121	CONNECTICUT LIGHT AND POWER CO	N/A	OLD WOLCOTT RD	BRISTOL	СТ
124	HARRY C BARNES MEMORIAL NATURE	N/A	463 WOLCOTT RD	BRISTOL	СТ
129	HARRY C BARNES MEMORIAL NATURE	N/A	TUTTLE RD	BRISTOL	СТ



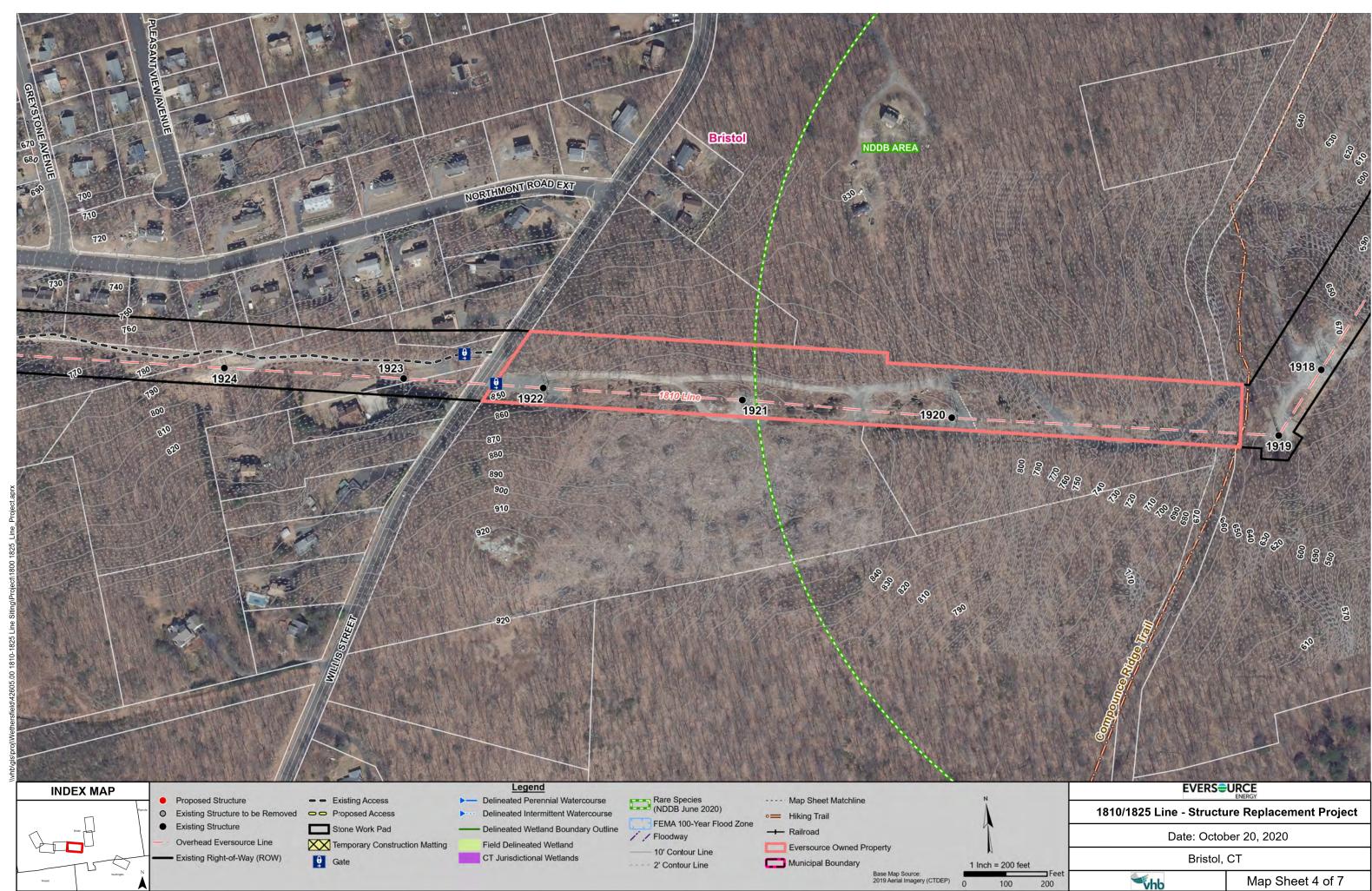
1810/1825 Line - Structure Replacement Project Map Sheet 03 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
121	CONNECTICUT LIGHT AND POWER CO	N/A	OLD WOLCOTT RD	BRISTOL	СТ
124	HARRY C BARNES MEMORIAL NATURE	N/A	463 WOLCOTT RD	BRISTOL	СТ
129	HARRY C BARNES MEMORIAL NATURE	N/A	TUTTLE RD	BRISTOL	СТ
130	IVY BROOK CONDOS	N/A	181 SHERBROOK ST	BRISTOL	СТ
131	ENVIRONMENTAL LEARNING CENTERS OF	N/A	SHERBROOKE ST	BRISTOL	СТ
136	ENVIRONMENTAL LEARNING CENTERS OF	N/A	NORTHMONT RD	BRISTOL	СТ
137	ENVIRONMENTAL LEARNING CENTERS OF	N/A	NORTHMONT RD	BRISTOL	СТ



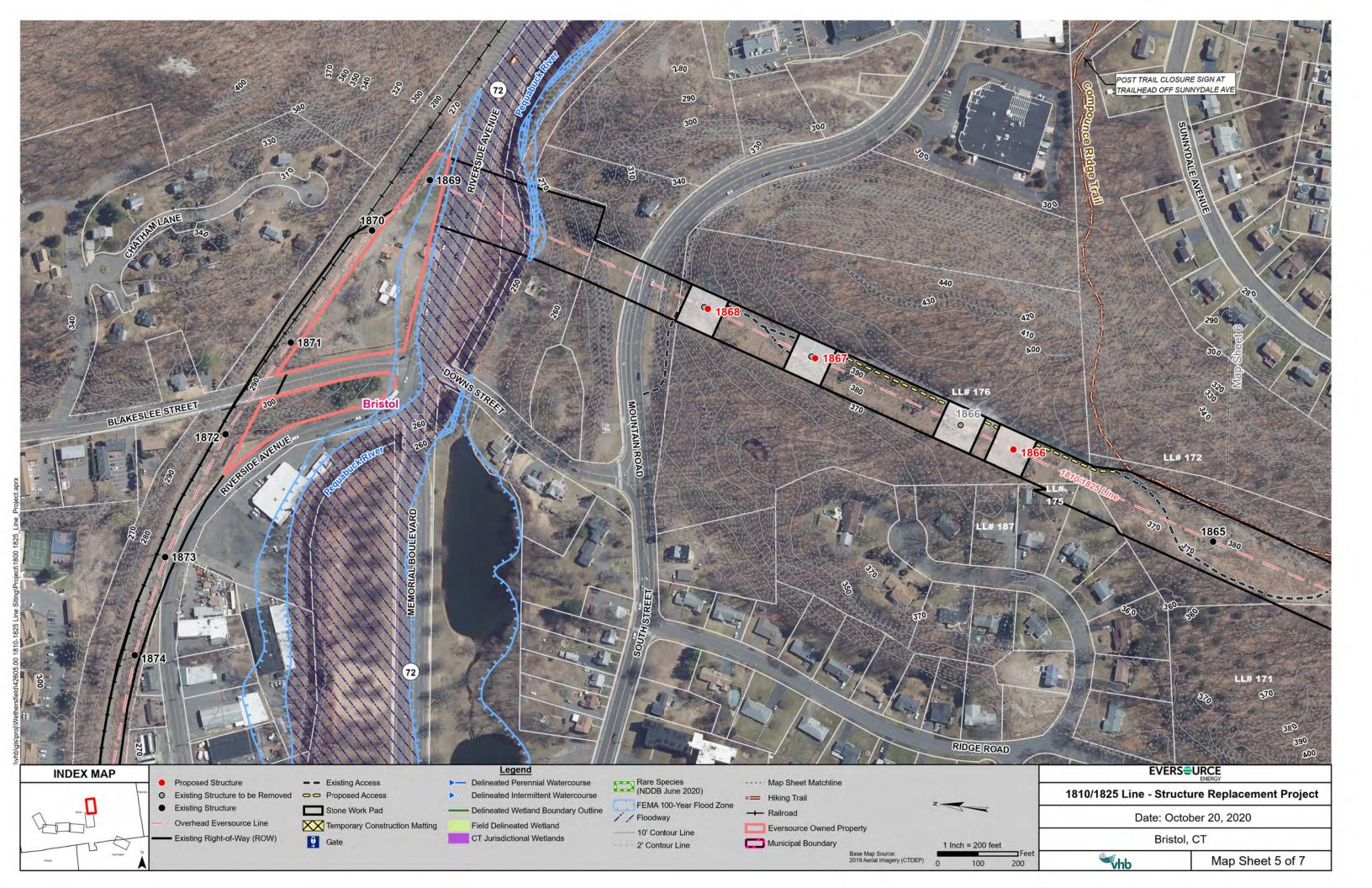
Map Sheet 04 Abutter's Table

Line List Number Ow	vner First Name	Owner Last Name	Parcel Address	Town	State	
Intentionally Left Blank						
No Abutters to Jurisdictional Work Areas						



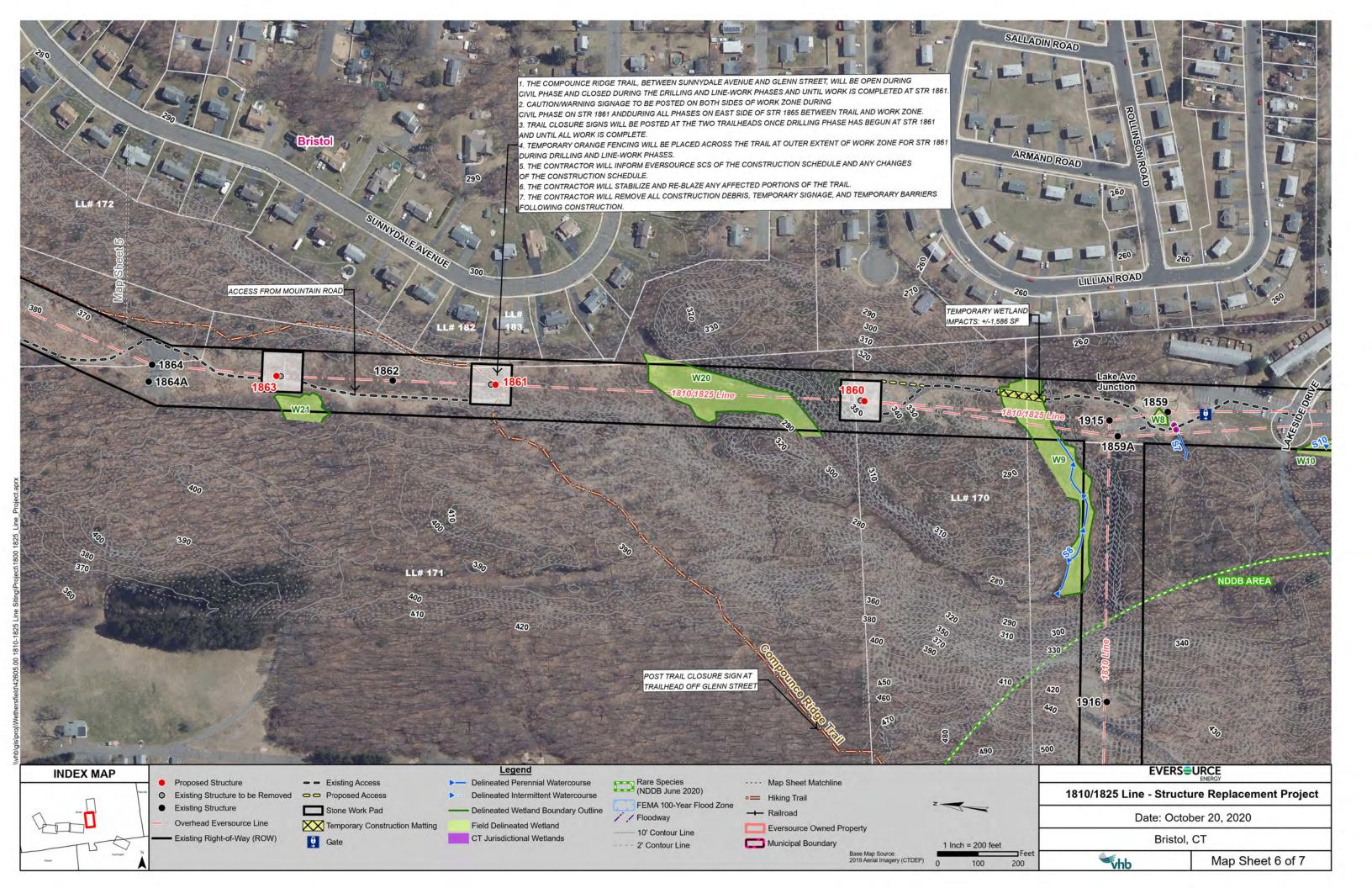
1810/1825 Line - Structure Replacement Project Map Sheet 05 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
170	ENVIRONMENTAL LEARNING CENTERS OF	N/A	EMERSON RD	BRISTOL	СТ
171	PONTIFICAL INSTITUTE OF THE RELIGIOUS	N/A	474 EAST RD	BRISTOL	СТ
172	ENVIRONMENTAL LEARNING CENTERS OF	N/A	SUNNYDALE AVE	BRISTOL	СТ
182	JUAN L	RODRIGUEZ	133 SUNNYDALE AVE	BRISTOL	СТ
183	BANKS JACK H TRUSTEE	N/A	123 SUNNYDALE AVE	BRISTOL	СТ



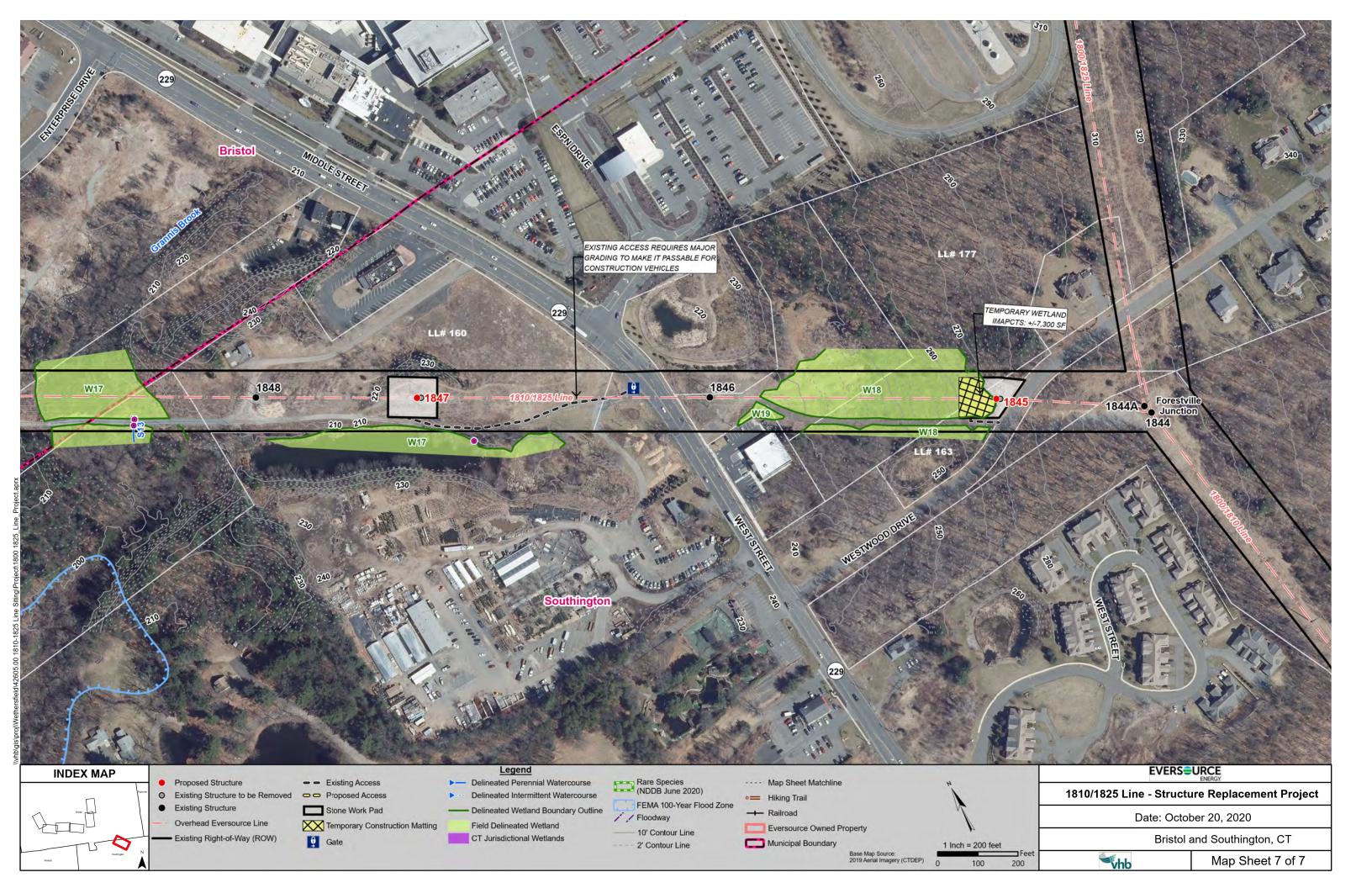
1810/1825 Line - Structure Replacement Project Map Sheet 06 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
171	PONTIFICAL INSTITUTE OF THE RELIGIOUS	N/A	474 EAST RD	BRISTOL	СТ
172	ENVIRONMENTAL LEARNING CENTERS OF	N/A	SUNNYDALE AVE	BRISTOL	СТ
175	JASON L & DEBRA M	ALLAIRE	154 RIDGE RD	BRISTOL	СТ
176	HILLSIDE COMMUNITY CHURCH INC THE	N/A	MOUNTAIN RD	BRISTOL	СТ
187	DANIEL J	CASEY	164 RIDGE RD	BRISTOL	СТ

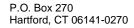


Map Sheet 07 Abutter's Table

Line List Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
160	2516 WEST STREET LLC	N/A	2156 WEST ST	SOUTHINGTON	СТ
163	SOUTHINGTON TOWN OF	N/A	35 WESTWOOD RD	SOUTHINGTON	СТ
177	LOVLEY DEVELOPMENT INC	N/A	61 WESTWOOD RD	SOUTHINGTON	СТ



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE





October 23, 2020

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 Bristol and Southington. A Sub-Petition is a document with detailed information about the proposed upgrades. Every source is submitting <u>Sub-Petition No. 1293-BS-01</u> 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 property.

As part of this project, we are proposing to replace damaged structures due to structure age, weather, and/or woodpecker activity. The height of the existing structures will increase, as necessary, to comply with current clearance requirements. The new structures will 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 <u>siting.council@ct.gov</u>. If you choose to send comments to the CSC, please reference <u>Sub-Petition No. 1293-BS-01</u> 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

COUNTY OF HARTFORD

) ss. 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 23, 2020, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-BS-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 13 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 Southington Mark J. Sciota, Town Manager 75 Main Street Southington, CT 06489

City of Bristol Ellen Zoppo-Sassu, Mayor 111 North Main Street Bristol, CT 06010

James L. Smith Project Siting Specialist

On this the _ day of October 2020, 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 Officer of the Superior Court / Juris No. _ 413393