

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

Kathleen M. Shanley

Manager – Transmission Siting Tel: (860) 728-4527

September 15, 2020

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

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

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-LBM-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Lebanon, Bozrah and Montville, Connecticut. The work includes replacing 7 existing wood transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Lebanon, Bozrah and Montville 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: Lebanon, Bozrah and Montville

Sub-Petition 1293-LBM-01

Project: 310/383 Transmission Lines Structure Replacement Project

Structure Locations: 7 Transmission Line Structures located in Lebanon, Bozrah and Montville,

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 310/383 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 condition, many structures require replacement on a portion of the Lines where they are located in the same right-of-way ("ROW"), between Village Hill Road in Lebanon and Hunts Brook Junction in Montville. The 310 Line, in its entirety, is a 345-killovolt line that extends from Millstone Substation in Waterford to Manchester Substation in Manchester. The 383 Line, in its entirety, is a 345-killovolt line that extends from Millstone Substation to Card Substation in Lebanon. Of the structures that will be replaced, seven structures require an increase in structure height to comply with current clearance requirements. These seven structures to be replaced are three-pole angle 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 seven 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 than the 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 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; however, in one location, it is attempting to secure off-ROW access rights to utilize an existing access road that would minimize the need to install a new road within the ROW.
- b) Collectively, utilizing existing and temporary access roads, the Work Activities would result in approximately 20,007 square feet ("SF") of temporary wetland impacts from the temporary use of 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)
W1	21001	±10,000	±272
W12	29099	0	±9,043
W13	29099	0	±491
W32	21185	±201	0
Sub	totals:	±10,201	±9,806
то	TAL:	±20	,007

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 adverse impacts to vernal pools ("VP") or vernal pool envelopes ("VPE") are anticipated from the proposed Work Activities. However, one VP habitat has been identified ("VP-1") near some Work Areas. A portion of the existing access road to Structure 29087 would be located within the VPE associated with VP1. Vernal pool species protection measures will be implemented where Work Activities extend into the VPE. The existing access is well established and would not be widened or altered and vegetation removal would be limited to hand clearing only. With the implementation of these protective measures, no adverse impacts to VP1 or the VPE are anticipated from proposed Work Activities.
- 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 managed ROW corridor 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, four proposed work pad locations were identified to possess a potential for moderate to high archaeological sensitivity. Based on the results of a pedestrian survey, three of the work pad 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 seven replacement structures will average approximately five 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. <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.
- Vernal pool protective measures will be incorporated into Eversource's BMPs during construction, as necessary.
- 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 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:

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:

Lebanon

- Village Hill Road for Structure 21001
- Barker Road for Structure 21041
- Santa Anna Road for Structure 29099

Bozrah

- Bashon Hill Road for Structure 29087
- Hough Road for Structure 21106
- South Road for Structure 21126

Montville

Chesterfield Road for Structure 21185

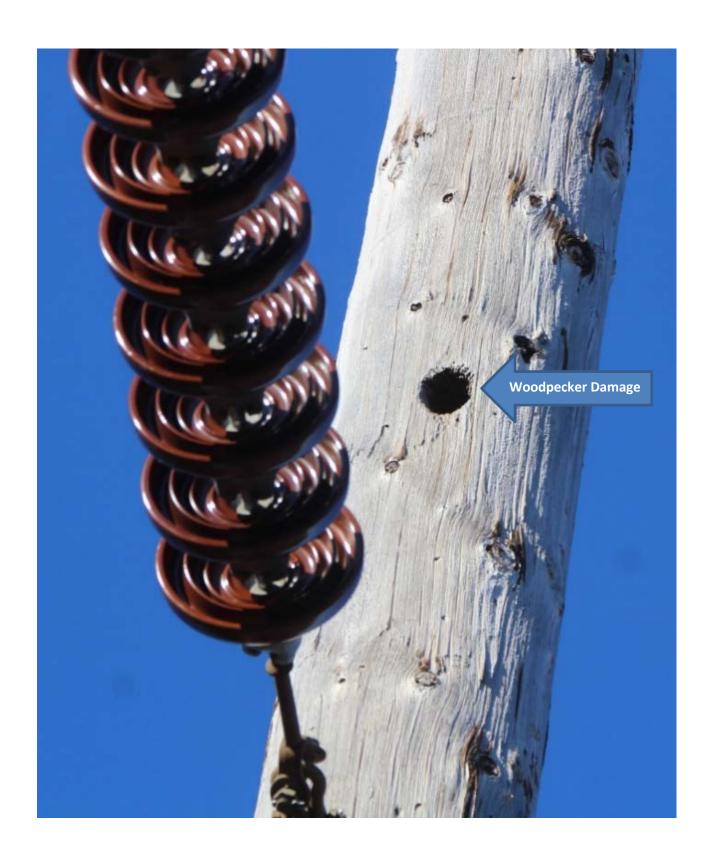
By:

Kathleen M. Shanley

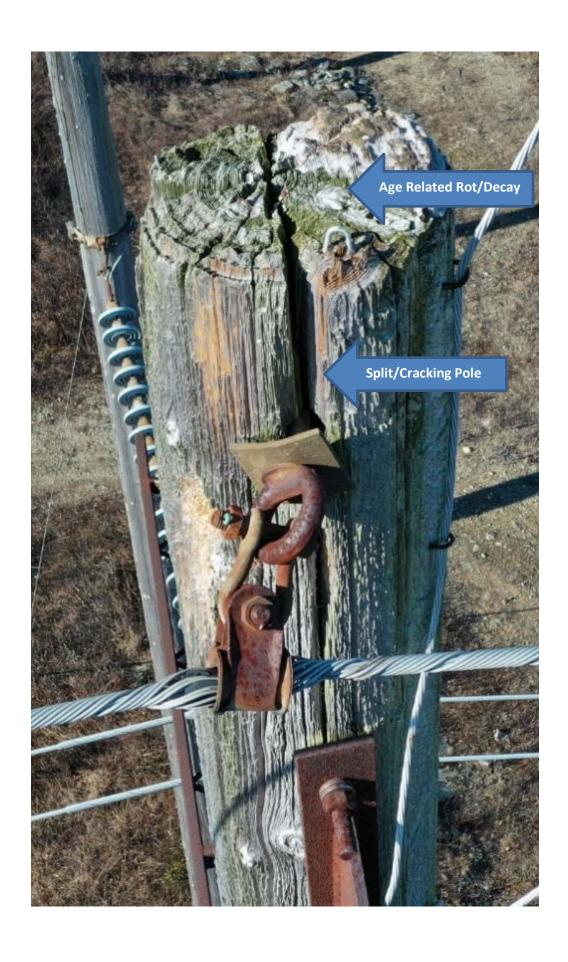
Manager - Transmission Siting

ATTACHMENT B PHOTOGRAPHS

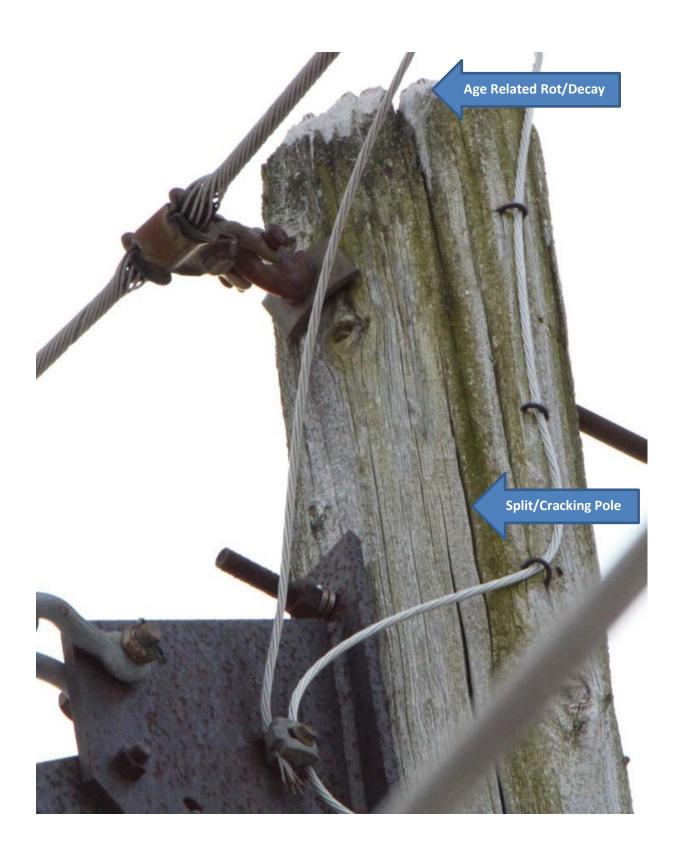
<u>Structure # 29087</u>



<u>Structure # 21126</u>



<u>Structure # 21041</u>



<u>Structure # 21001</u>

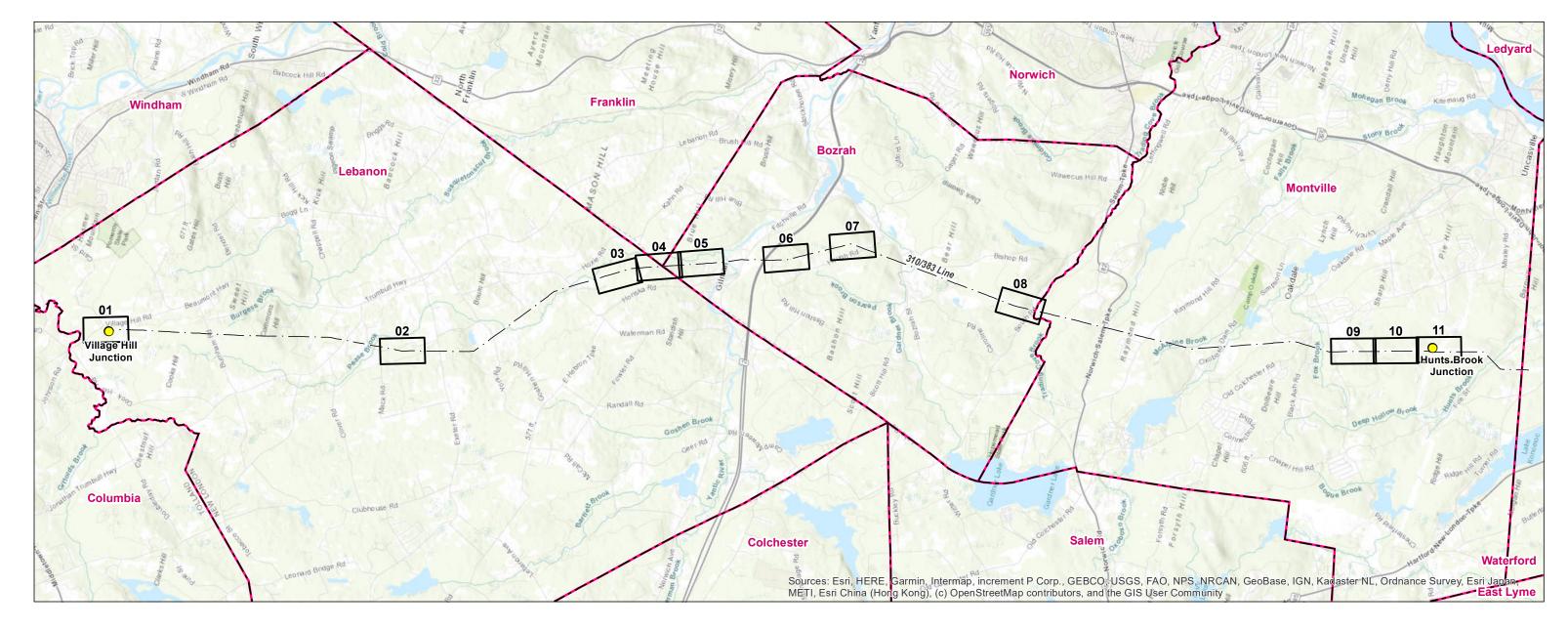


ATTACHMENT C MAPS

310/383 Line - Structure Replacement Project

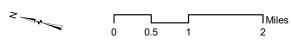
Lebanon, Bozrah, and Montville, CT Sub-Petition Map Set

Date: September 15, 2020









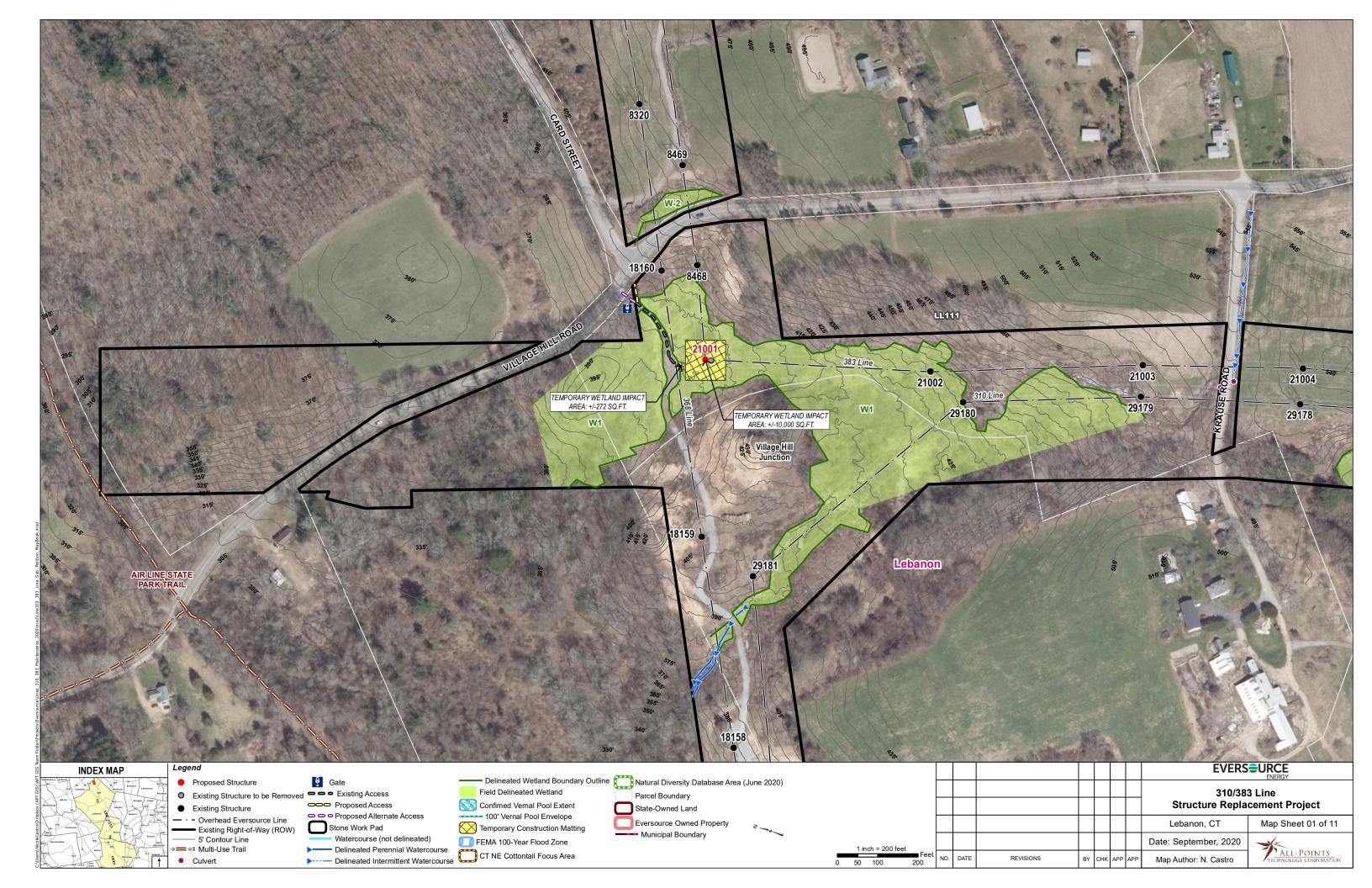
INDEX OF FIGURES

Title Sheet / Index Map Abutter Tables & Map Sheets 1-11



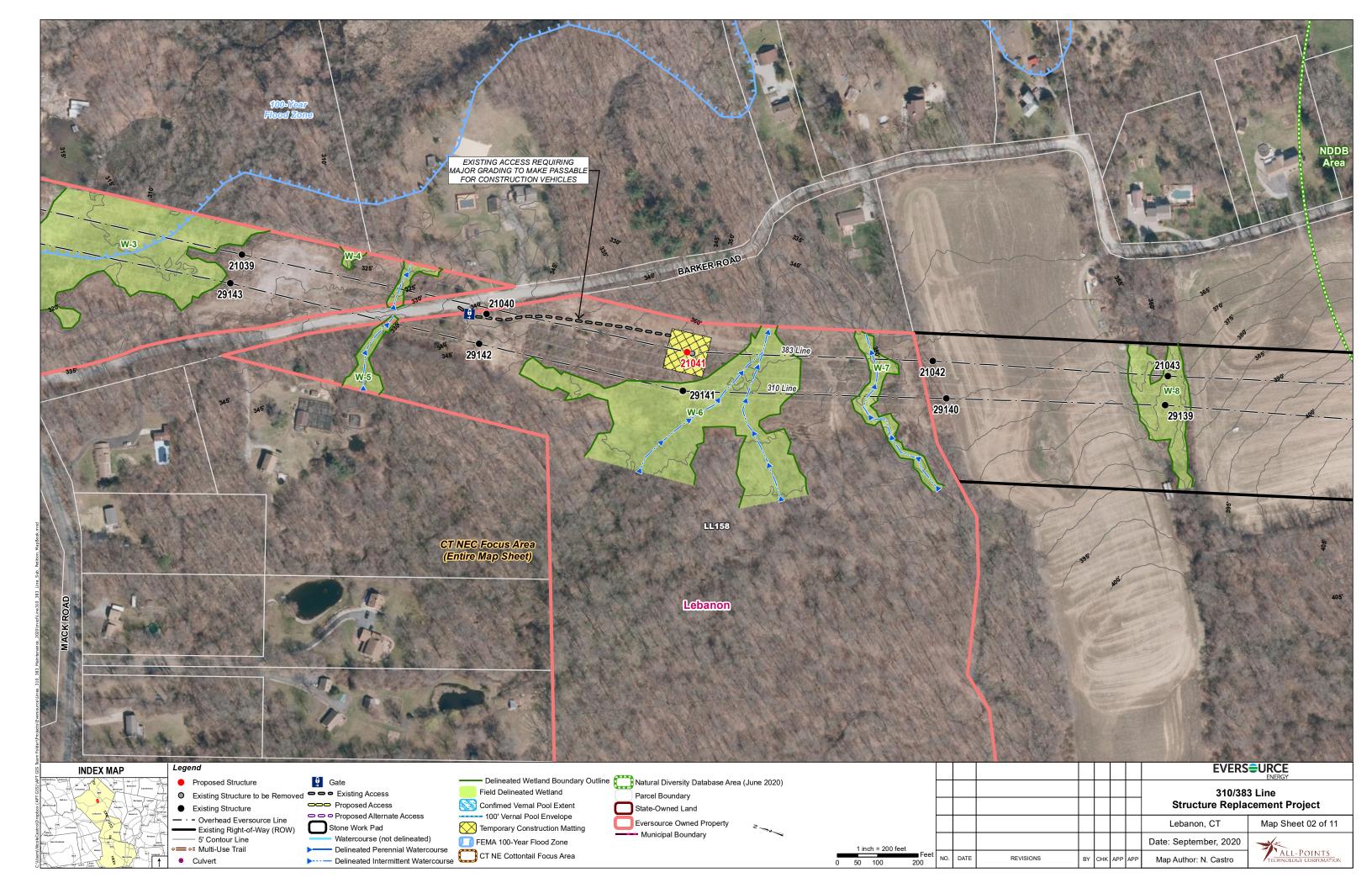
Map Sheet 01 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
111	STEVE & MARTHA WINTERS	0 VILLAGE HILL RD	LEBANON	СТ



Map Sheet 02 of 11 310/383 Line – Structure Replacement Project Abutter Table

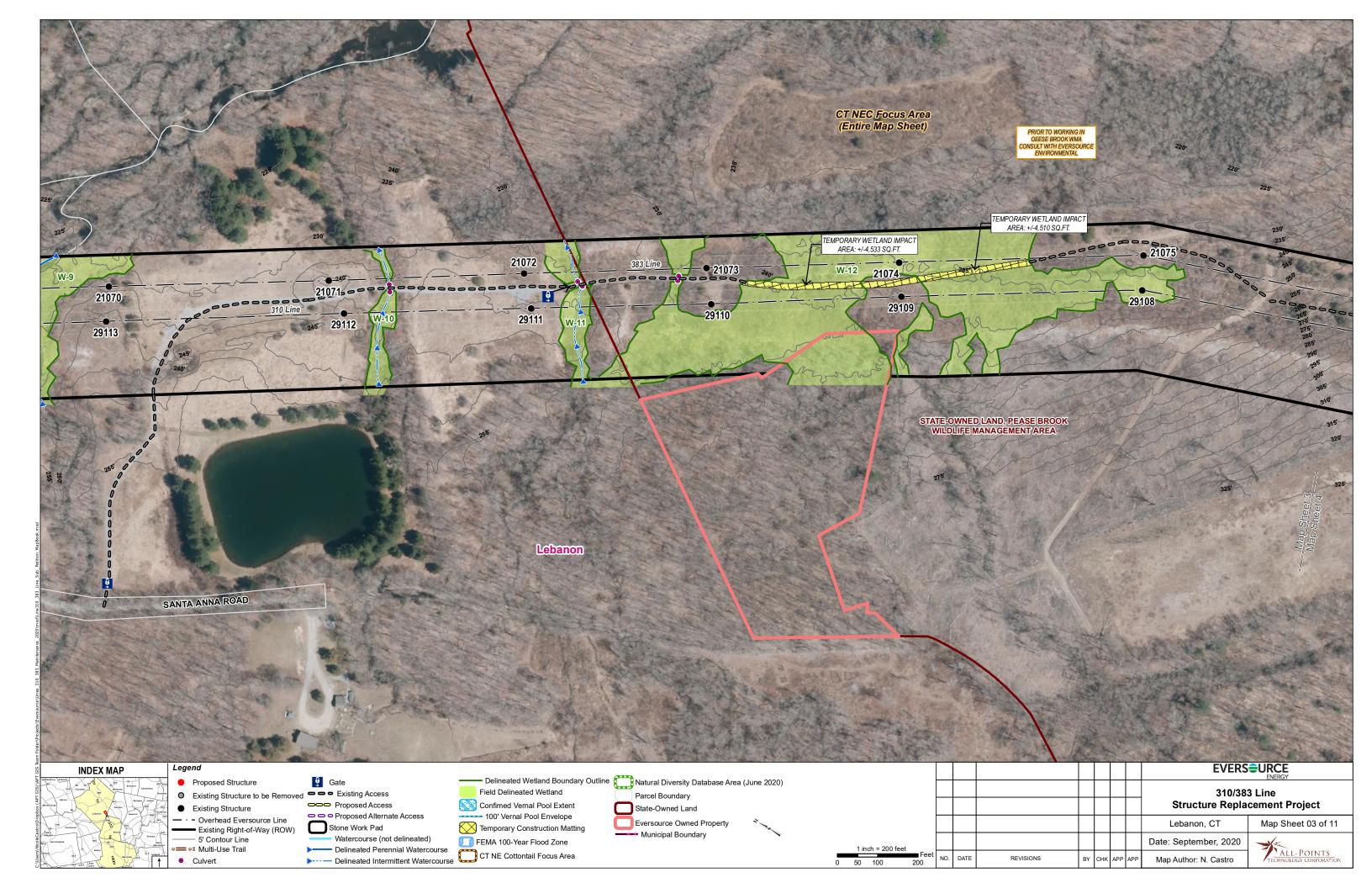
<u>Line List</u> <u>Number</u>	Owner Name	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
158	CONNECTICUT LIGHT & POWER CO	0 BARKER RD	LEBANON	СТ



Map Sheet 03 of 11 310/383 Line – Structure Replacement Project Abutter Table

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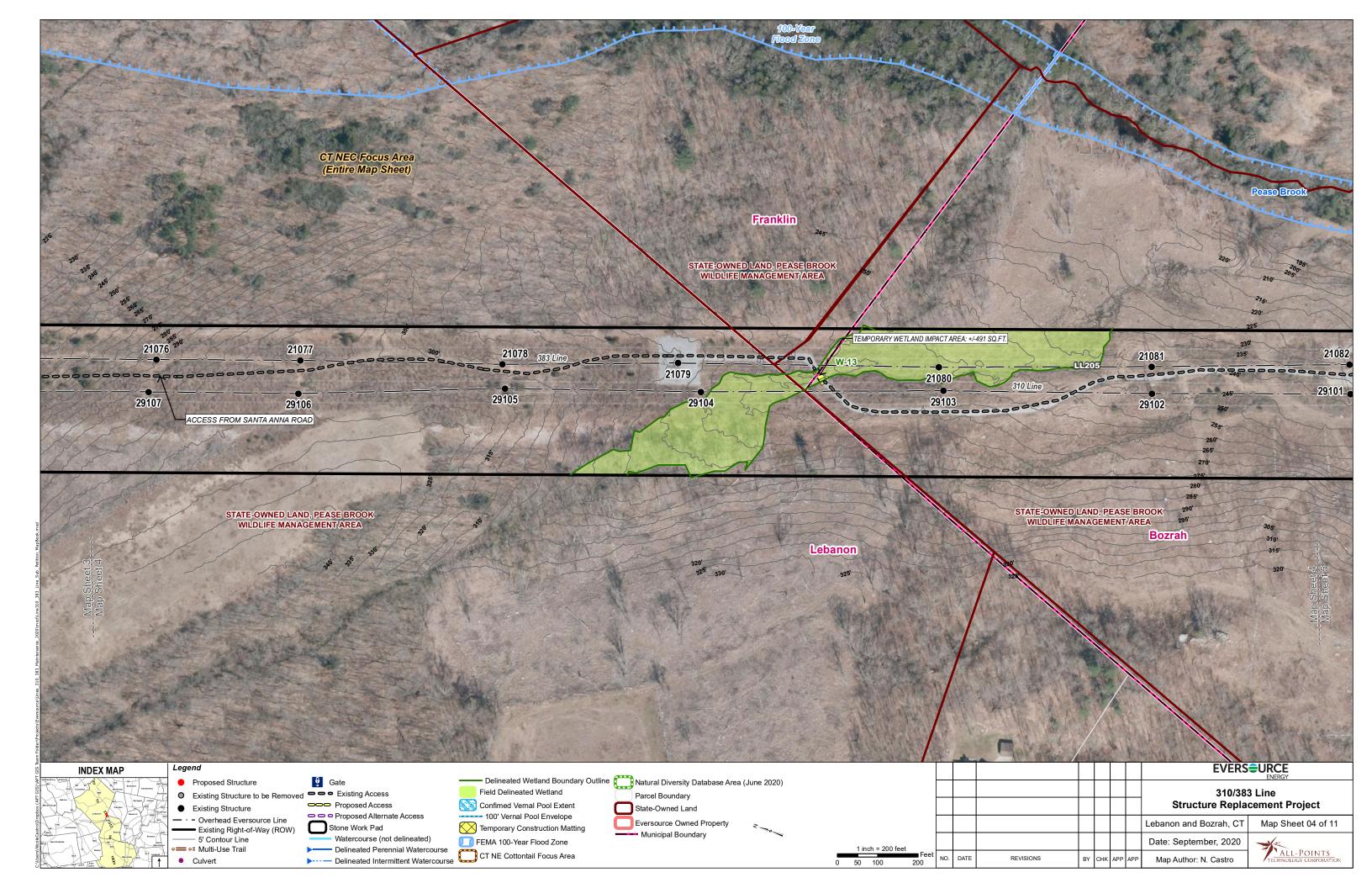
No Abutters to Jurisdictional Work Areas



Map Sheet 04 of 11 310/383 Line – Structure Replacement Project Abutter Table

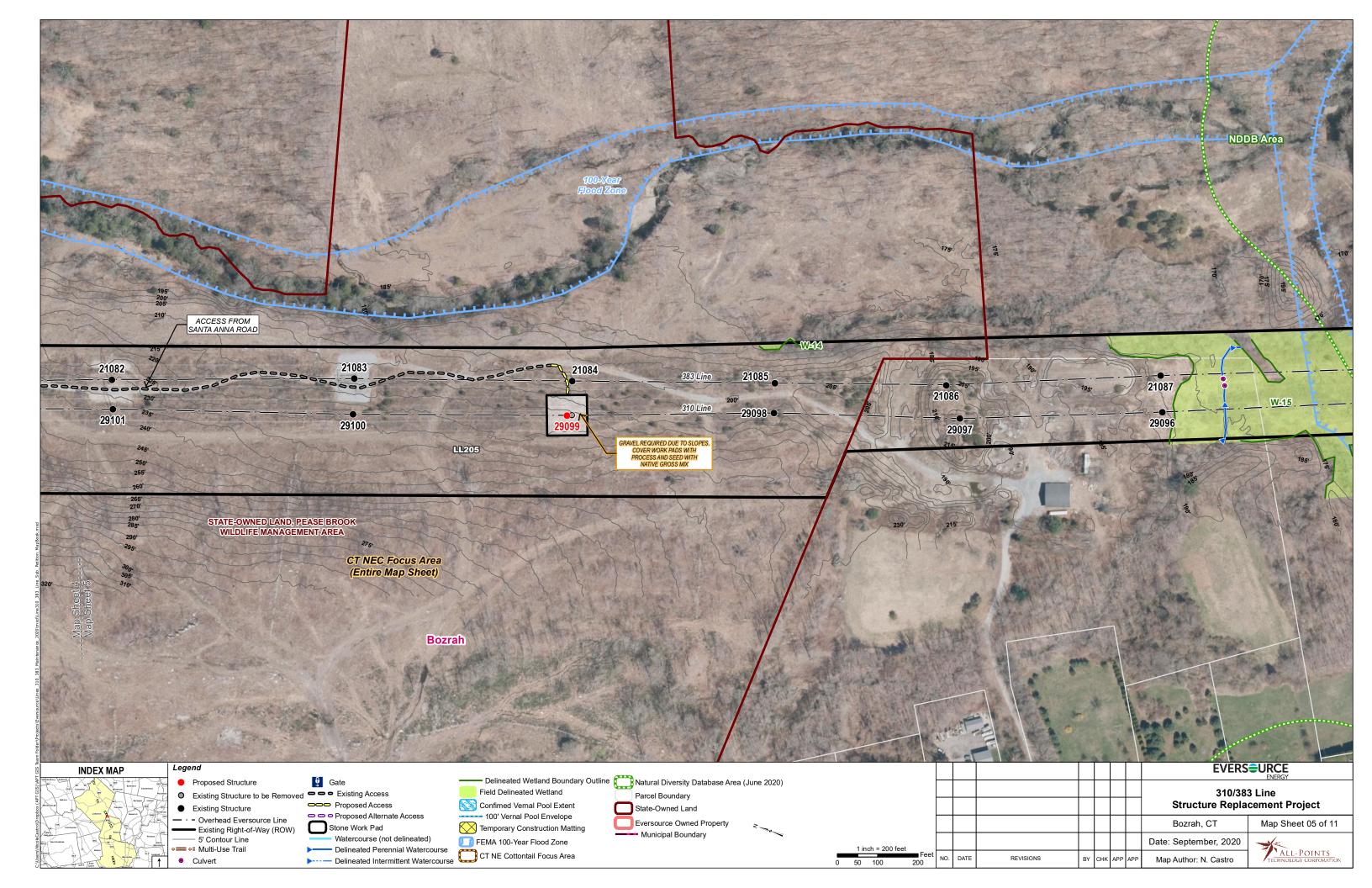
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No Abutters to Jurisdictional Work Areas



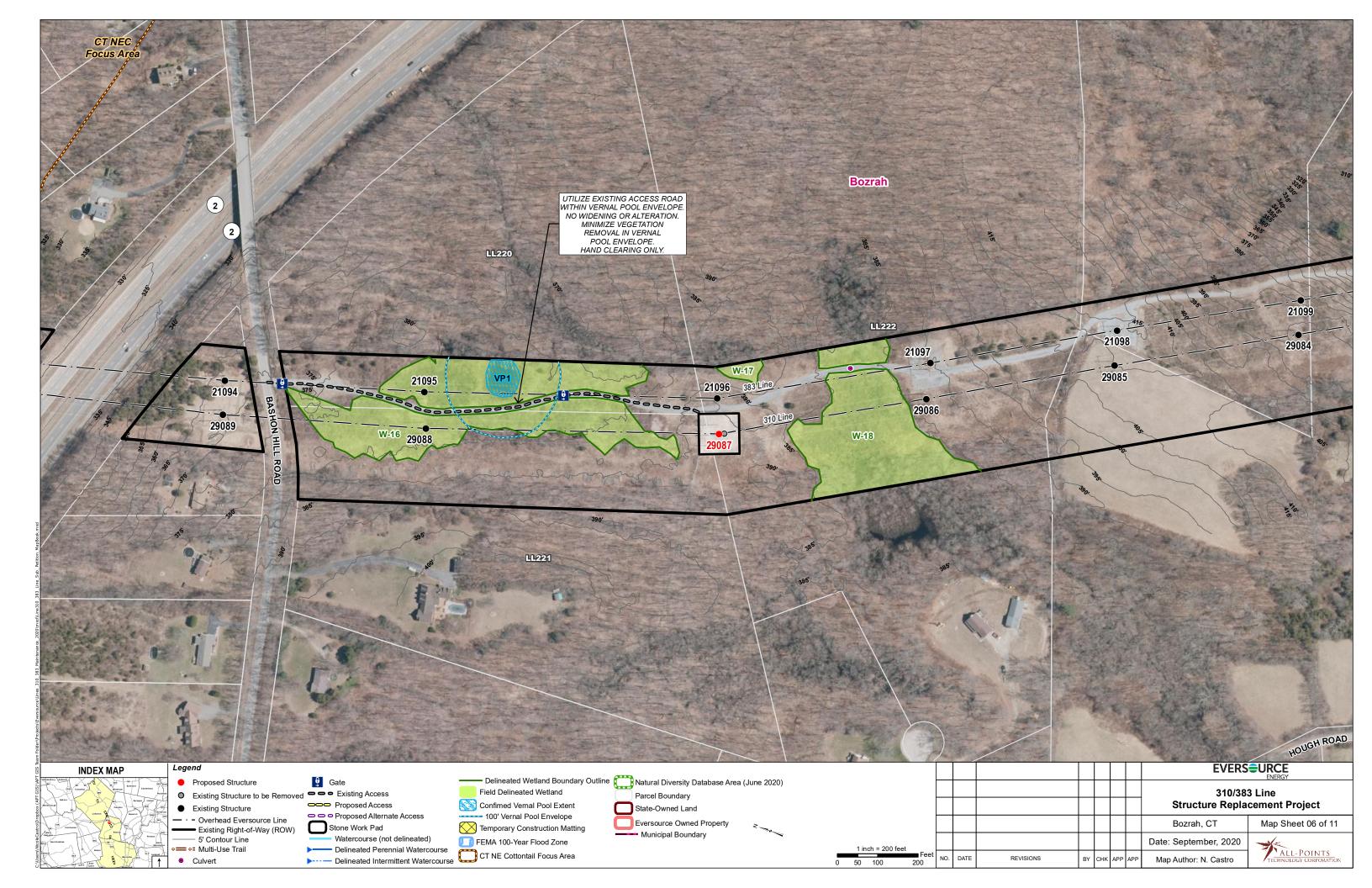
Map Sheet 05 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
205	STATE OF CONNECTICUT	63 STANTON HILL RD	BOZRAH	СТ



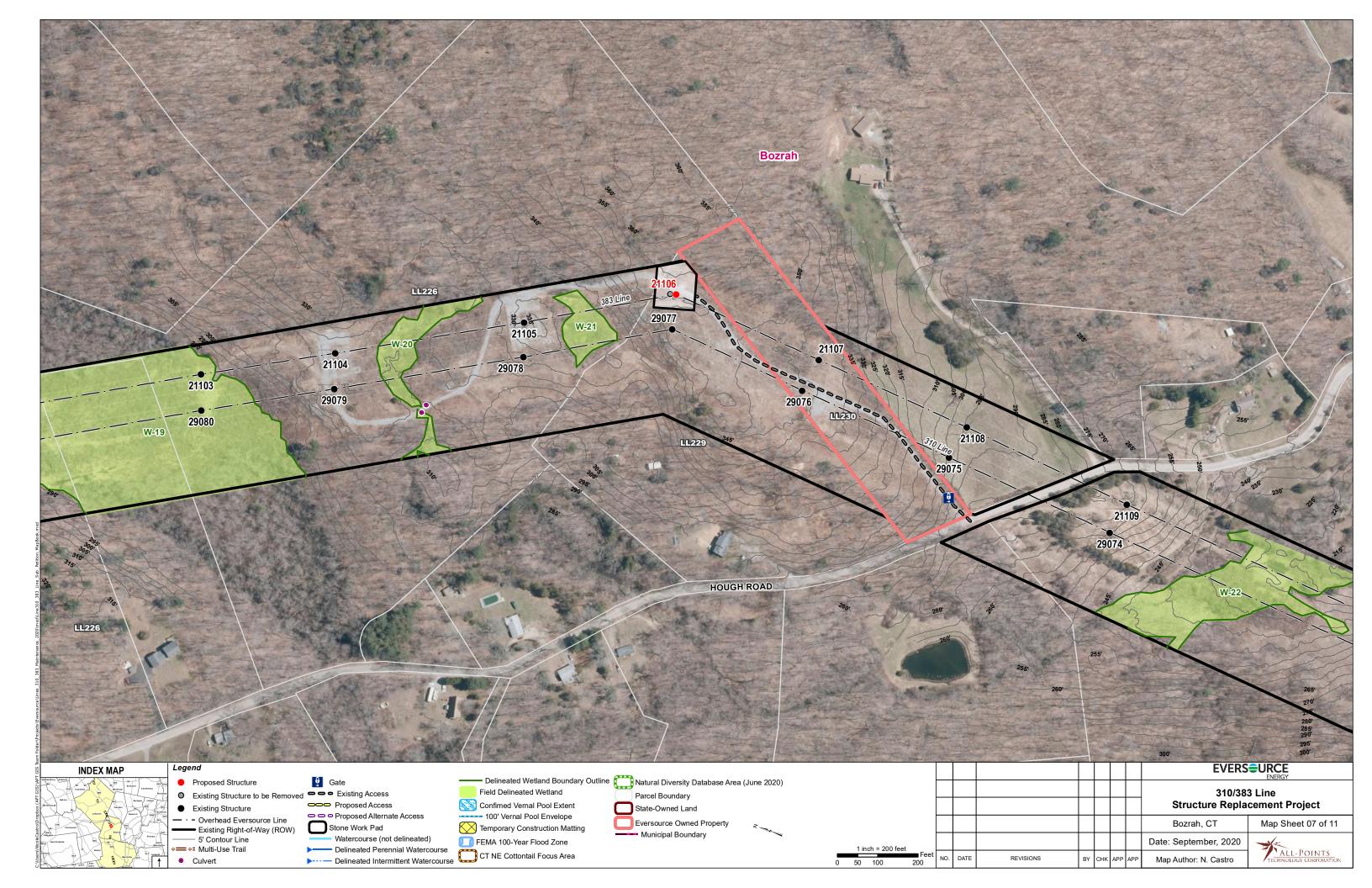
Map Sheet 06 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	City	<u>State</u>
220	WILLIAM R SMITH II	36 BASHON HILL RD	BOZRAH	СТ
221	JOHN P & CYNTHIA A SHIELDS	40 BASHON HILL RD	BOZRAH	СТ
222	CARL L & DEBORAH L ZORN	3 FAWN PL	BOZRAH	СТ



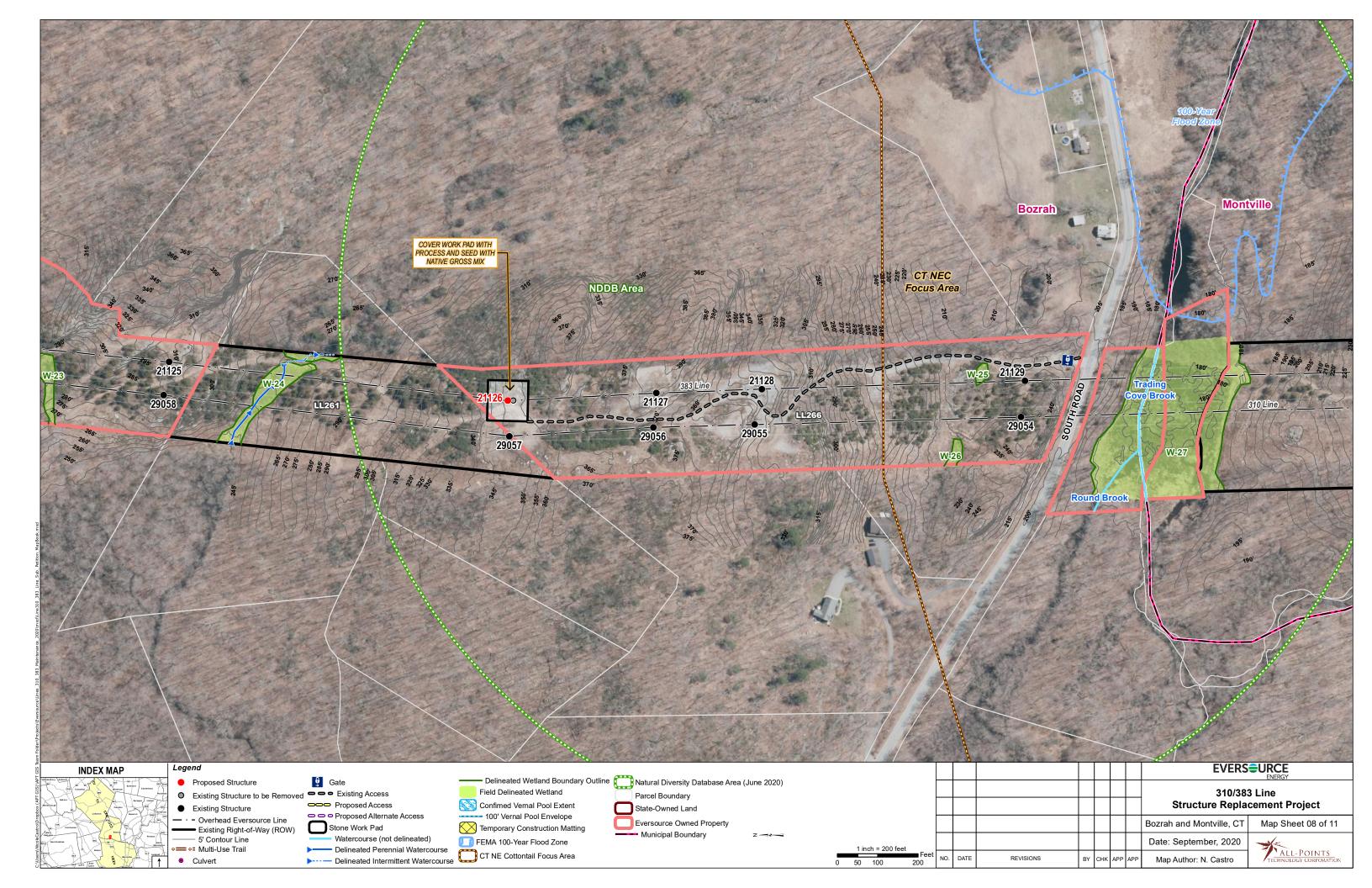
Map Sheet 07 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	City	<u>State</u>
226	EVELYN BROWN & RALPH T, DAVID R, DANIEL P & ROBERT R BANNING	HOUGH RD	BOZRAH	СТ
229	ELIZABETH B BROWN & WILLIAM F BROWN & EVELYN B BROWN	45 HOUGH RD	BOZRAH	СТ
230	CONNECTICUT LIGHT & POWER CO	HOUGH RD	BOZRAH	СТ



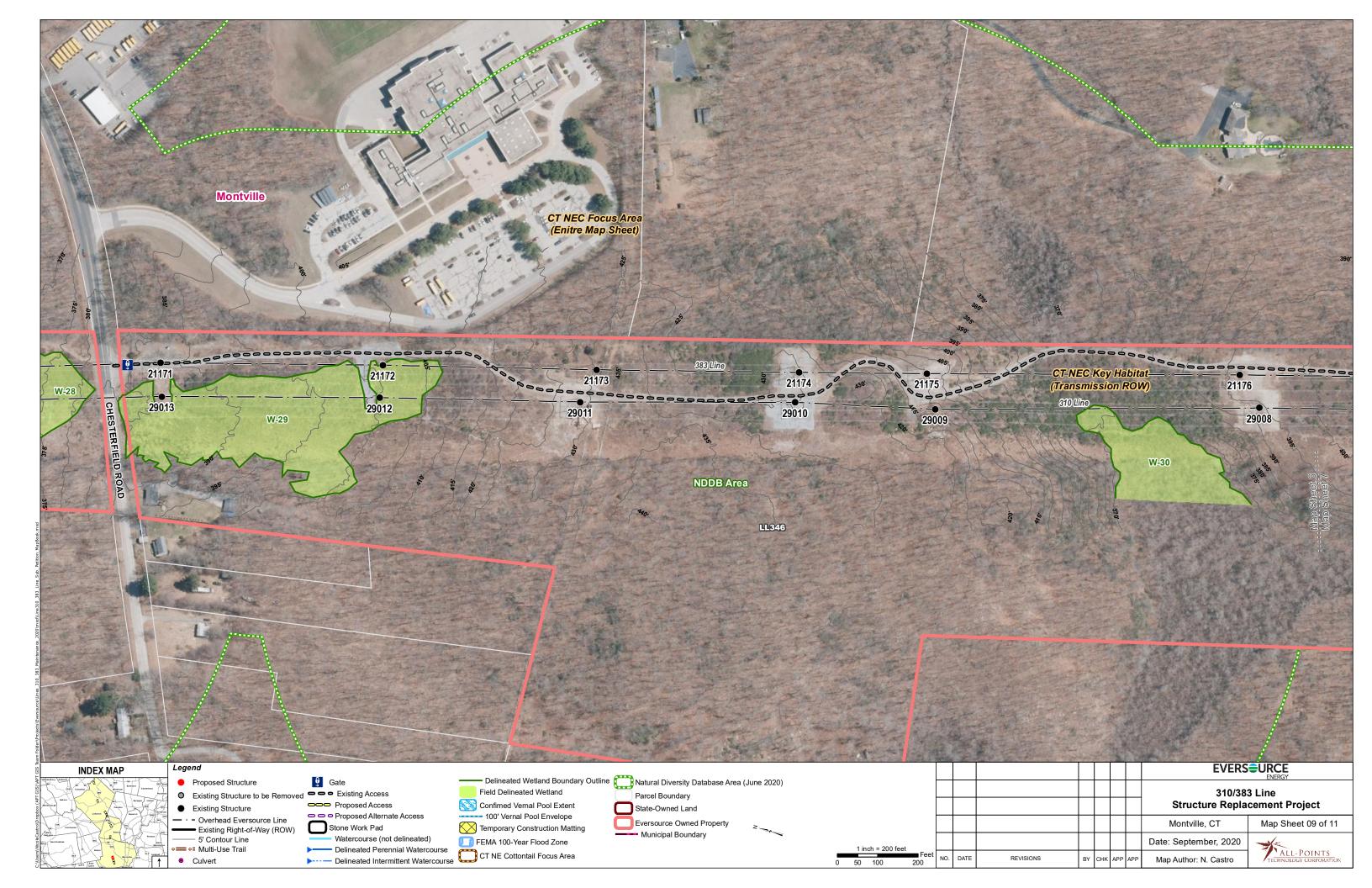
Map Sheet 08 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
261	ROBERT E DAWES	SOUTH RD	BOZRAH	СТ
266	CONNECTICUT LIGHT & POWER CO	SOUTH RD	BOZRAH	СТ



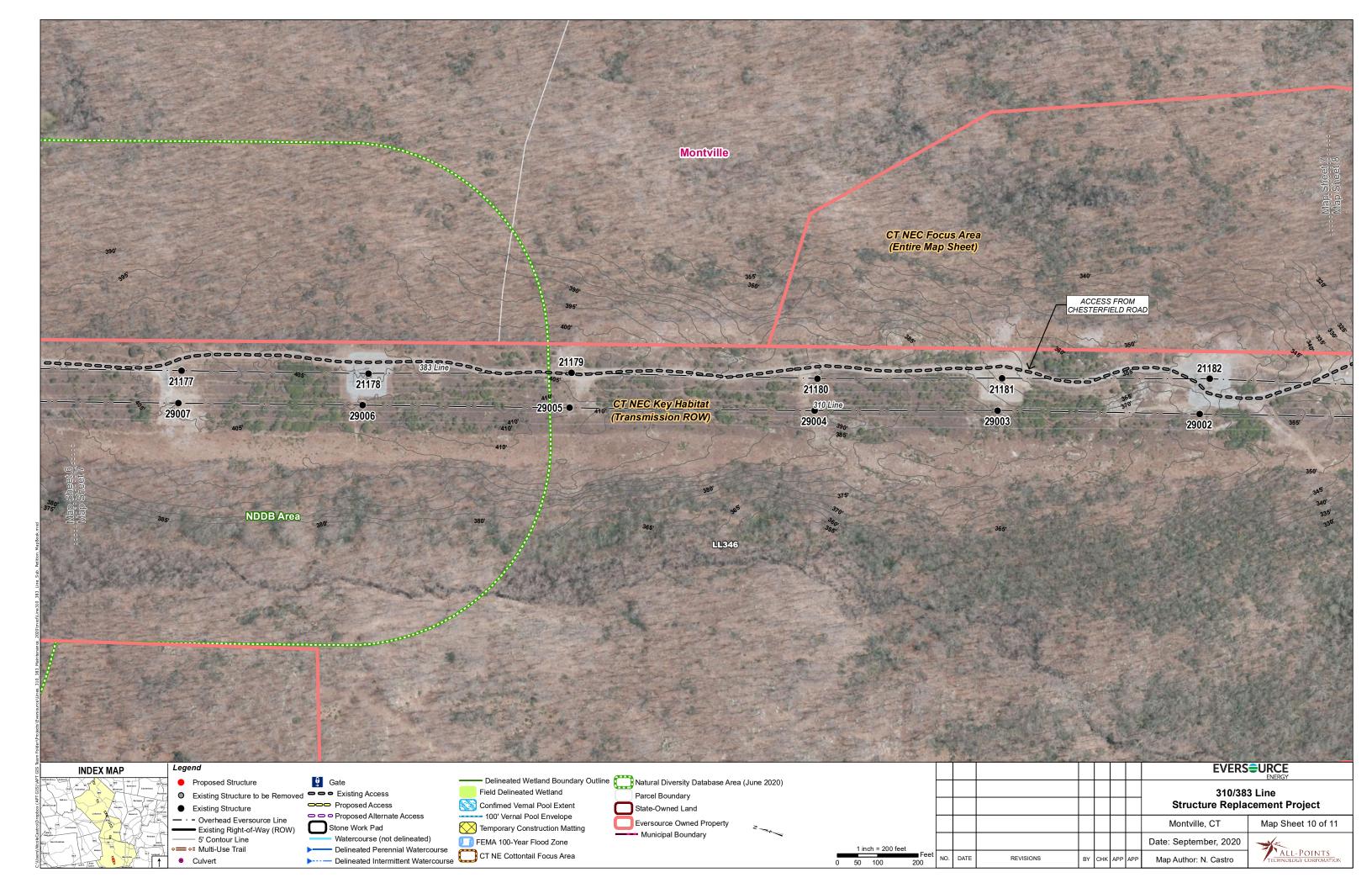
Map Sheet 09 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
346	THE CONNECTICUT LIGHT & POWER CO	OLD COLCHESTER ROAD	MONTVILLE	СТ



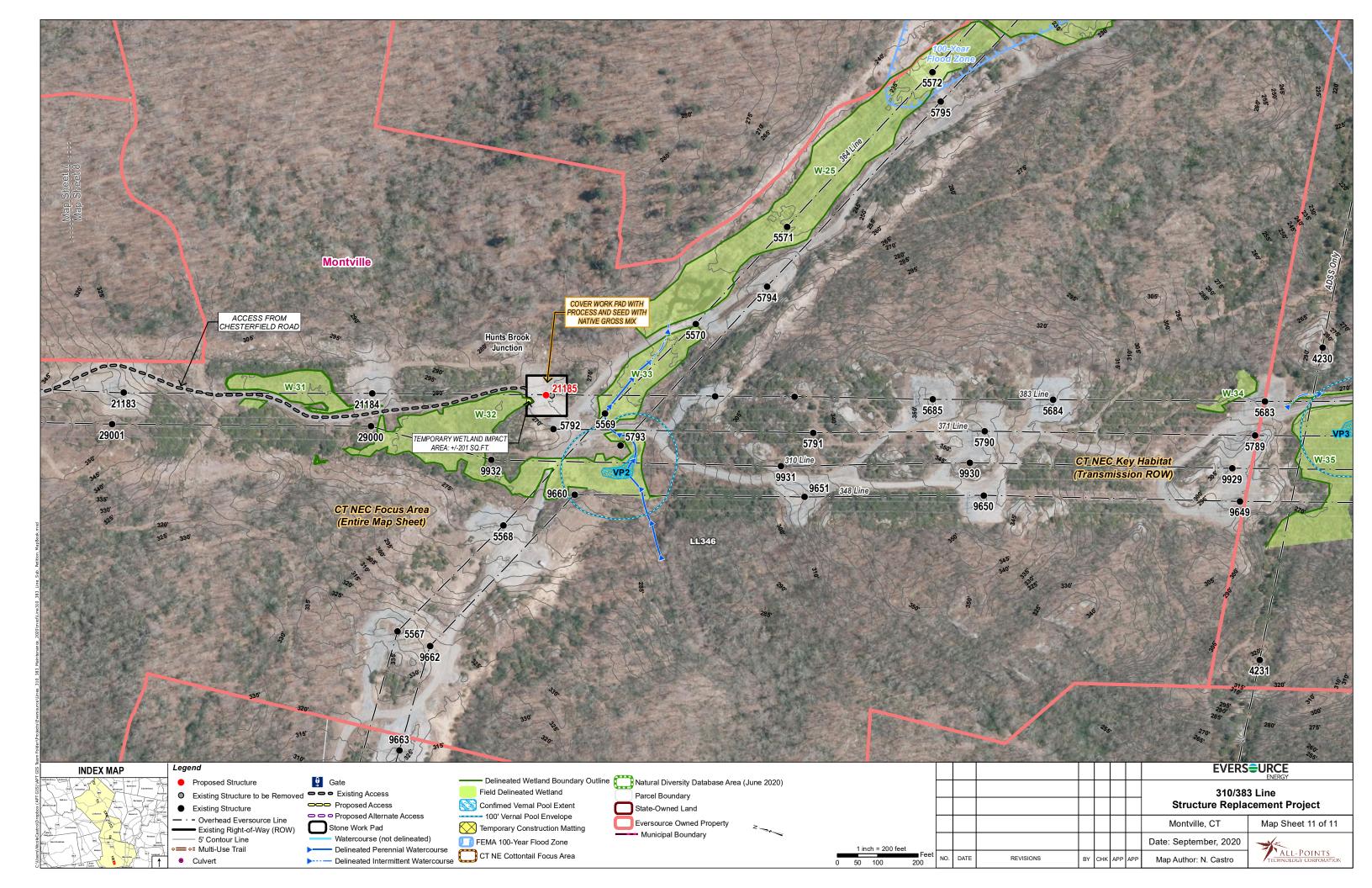
Map Sheet 10 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
346	THE CONNECTICUT LIGHT & POWER CO	OLD COLCHESTER ROAD	MONTVILLE	СТ



Map Sheet 11 of 11 310/383 Line – Structure Replacement Project Abutter Table

<u>Line List</u> <u>Number</u>	Owner Name	Parcel Address	<u>City</u>	<u>State</u>
346	THE CONNECTICUT LIGHT & POWER CO	OLD COLCHESTER ROAD	MONTVILLE	СТ



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE



September 15, 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 Lebanon, Bozrah and Montville. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-LBM-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 increase the height of the existing wood structures. The new, weathering steel structures will increase in height by five 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. 1293-LBM-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,

Eric LeBlanc

Eric LeBlanc 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 September 15, 2020, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-LBM-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 Officials:

Town of Lebanon, CT Kevin Cwikla, First Selectman 579 Exeter Rd. Lebanon, CT 06249

Town of Bozrah, CT Carl Zorn. First Selectman 1 River Road Bozrah, CT 06334

Town of Montville, CT Ronald K. McDaniel, Mayor 310 Norwich-New London Turnpike Uncasville, CT 06382

James L. Smith Project Siting Specialist

day of September 2020, before me, the undersigned representative, personally appeared, to the 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. 4/3393