

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

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

April 23, 2021

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

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

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-SBM-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Southington, Berlin and Meriden, Connecticut. The work includes replacing 21 existing wood transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Southington, Berlin and Meriden 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 and Cross Sections 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 ELECTRICAL SAFETY CODE CLEARANCE REQUIREMENTS

Towns: Southington, Berlin and Meriden

Sub-Petition 1293-SBM-01

Project: 3754/3041 Transmission Lines Structure Replacement Project

Structure Locations: 21 Transmission Line Structures in Southington, Berlin and Meriden, 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 3754/3041 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, 21 structures require replacement on the 3754/3041 Lines between a location just east of Southington Substation in Southington and Mayflower Lane in Meriden. The 3754 Line in its entirety, is a 345-kilovolt line that extends from Southington Substation to Beseck Substation in Wallingford. The 3041 Line in its entirety, is a 345-kilovolt line that extends from Southington Substation to Scovill Rock Substation in Middletown. The structures to be replaced are a mix of wood H-frame structures and wood three-pole structures. Twenty of the twenty-one replacement structures will require an increase in structure height to comply with current clearance requirements. Structure 9552 does not require an increase in structure height; however, the structure design is changing from a wood H-frame structure to a weathering steel three-pole structure.

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 ten existing single-circuit wood H-frame structures (3754 Line) with ten single-circuit weathering steel H-frame structures.
- Replace six existing single-circuit wood H-frame structures (3041 Line) with six single-circuit weathering steel H-frame structures.

- Replace two existing single-circuit wood three-pole structures (3041 Line) with two single-circuit weathering steel three-pole structures.
- Replace one existing single-circuit wood H-frame structure (3754 Line) with one single-circuit weathering steel three-pole structure.
- Replace two existing single-circuit wood H-frame structures (3041 Line) with two single-circuit weathering steel three-pole 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:

- All Work Activities would take place in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing 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, utilizing existing and temporary access roads, the Work Activities would result in approximately 21,377 square feet ("SF") of temporary wetland impacts from the temporary use of matting required for the construction of access roads and work pads for four structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W1	9501	±4,987	0
W16	8677	0	±5,320
W21	9540	±1,444	0
W24	9554	±9,626	0
Sul	btotals:	±16,057	±5,320
TOTAL:		±21,	377

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"), the Work Activities associated with the work pads for Structures 9501 and 9554 are proposed within a NDDB polygon area and wetland jurisdictional area and therefore would be subject to a NDDB review request. Eversource is currently in consultation with CTDEEP regarding Eversource's proposed work in these areas and will adhere to any state-listed species protection measures recommended by CTDEEP, as necessary. Any recommended measures will be incorporated into Eversource's BMPs during construction. 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 to establish required conductor clearance, to improve access roads and/or to install work pads within 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, one proposed work pad location was identified to possess a potential for moderate to high archaeological sensitivity. Timber matting will be utilized at this location to avoid any soil disturbance. With this proposed mitigation, Heritage advised that no further examination is recommended or warranted.
- g) The average height increases of the 20 replacement structures increasing in height would be 7 feet to comply with clearance requirements. The heights of the existing structures range from 61 to 97 feet above ground level. The replacement structures will range in height from 70 to 101.5 feet above ground level. One structure, 9552, would not increase in height. Seventeen of the replacement structures would increase 10 feet or less. Structure 8715 would increase by 18 feet for an overall height of 83.5 feet above ground level. Structure 8677 would increase 13.5 feet for an overall height of 88 feet above ground level and Structure 8676 would increase 13.5 feet for an overall height of 74.5 feet above ground level.
- h) Twenty of the replacement structures would be installed within 15 feet or less of the existing structure locations. Structure 8715 would be repositioned 55 feet from the existing structure to relocate it off a rocky knoll, enabling a level work pad to be constructed to facilitate the safe replacement of the structure. The new structure location will be located on the same parcel as the existing structure location.
- 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 ("E&S") controls 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 will be mitigated with the use of temporary matting and adherence to the BMPs.
- Any NDDB recommendations regarding state-listed species protective measures will be incorporated into Eversource's BMPs during construction.
- 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 to 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. <u>Access:</u>

One temporary access road would be constructed in an upland area within the ROW to facilitate access to Structure 8677. This area will be restored following construction. 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, as well as in maintained lawn and agricultural upland areas. 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 ROW from existing access points on public roads as follows:

Southington

- Rustic Oak Drive for Structures 9501 and 8653
- Partridge Drive for Structure 8654
- East Street for Structure 8664

<u>Berlin</u>

- Edgewood Road for Structures 9513, 9514 and 9515
- Heritage Drive for Structures 8676 and 8677
- Summit Wood Drive for Structures 8679, 8681, 8682 and 9531

Meriden

- Carey Avenue for Structure 9536
- North Colony Road for Structure 9540
- Westfield Road for Structures 8705, 9550, 9552, 8709 and 9554
- Mayflower Lane for Structure 8715

By:

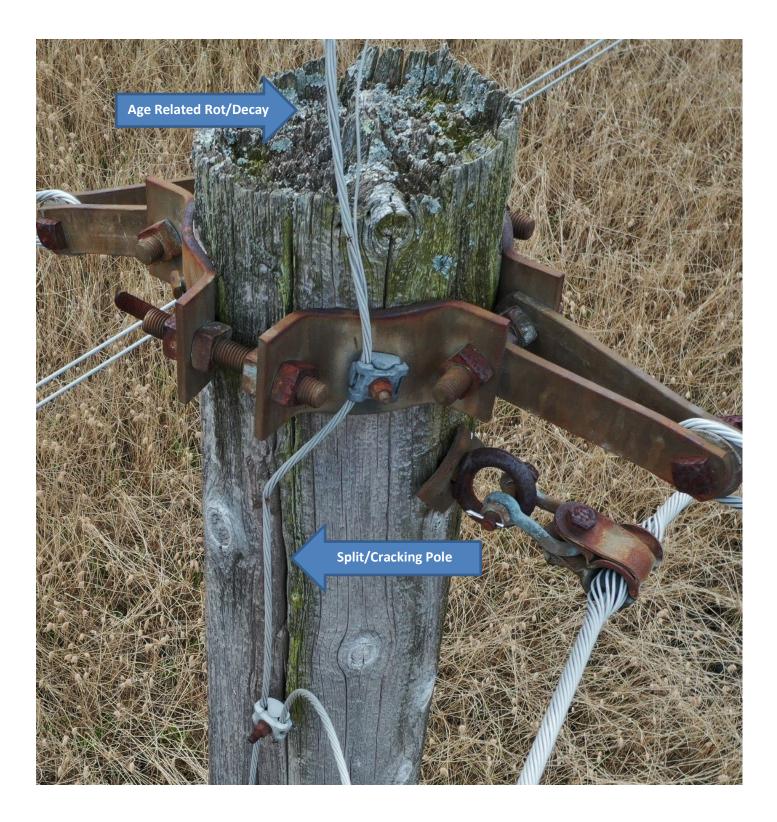
Kathleen M. Shanley Manager - Transmission Siting

ATTACHMENT B

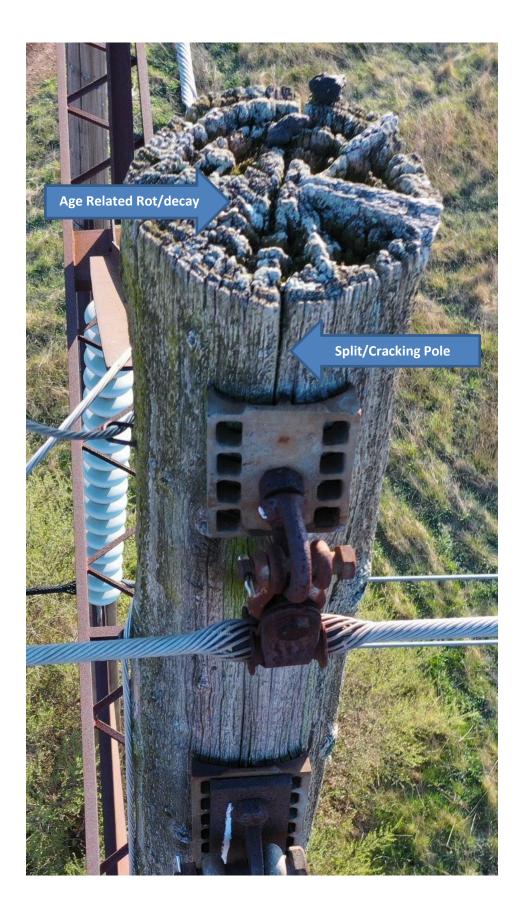
PHOTOGRAPHS

AND

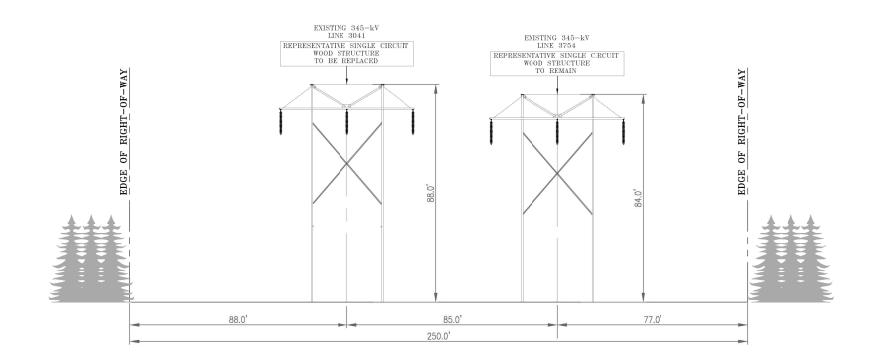
TYPICAL CROSS SECTIONS



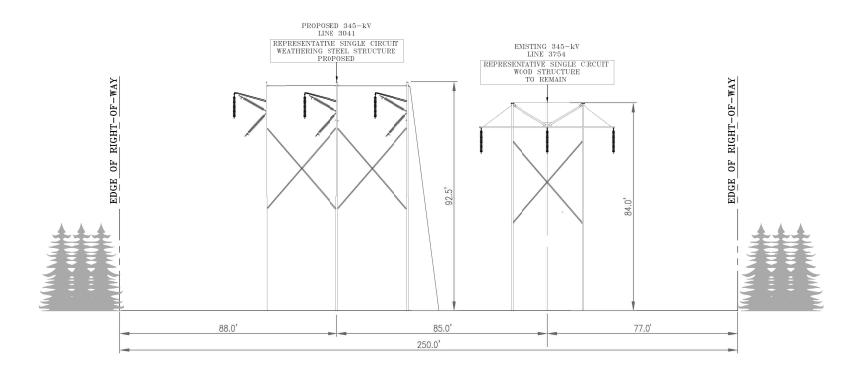






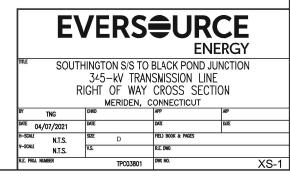


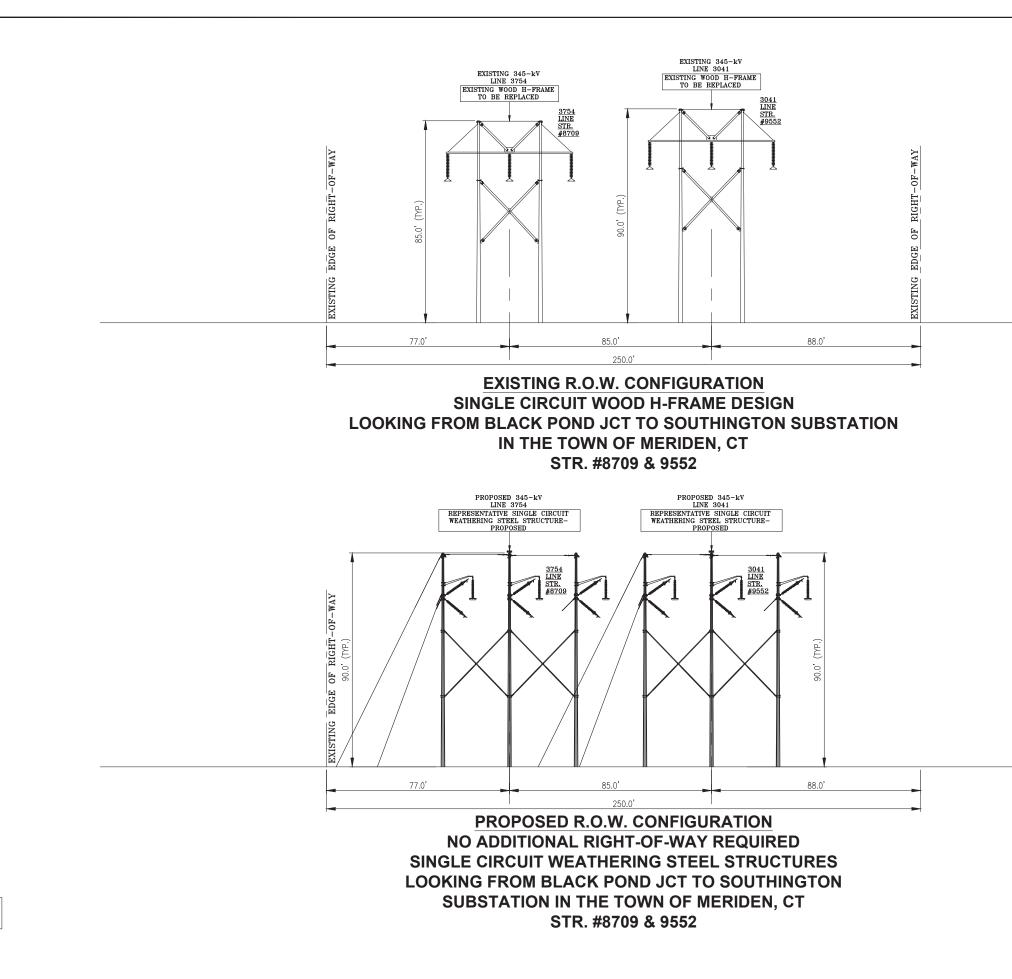
EXISTING R.O.W. CONFIGURATION LOOKING FROM SOUTHINGTON SUBSTATION TO BLACK POND JUNCTION STRUCTURE #9550



PROPOSED R.O.W. CONFIGURATION NO ADDITIONAL RIGHT-OF-WAY REQUIRED LOOKING FROM SOUTHINGTON SUBSTATION TO BLACK POND JUNCTION STRUCTURE #9550







NOTE: LINE ARRESTERS TO BE

ADDED AS REQUIRED

XS-2

TITLE	me BLACK POND JCT - SOUTHINGTON S/S 345-KV TRANSMISSION LINE RIGHT OF WAY CROSS SECTION MERIDEN, CONNECTICUT						
BY	JES	CHKD	TJ	APP	JM	APP	
DATE	04/20/21	DATE	04/20/21	DATE	04/20/21	DATE	
H-SCALE	N.T.S.	SIZE	D	FIELD B	OOK & PAGES		
V-SCALE	N.T.S.	V.S.		R.E. DW	G		
r.e. pro.	I. NUMBER		TPC08501	DWG NO	01	189-85	100q200

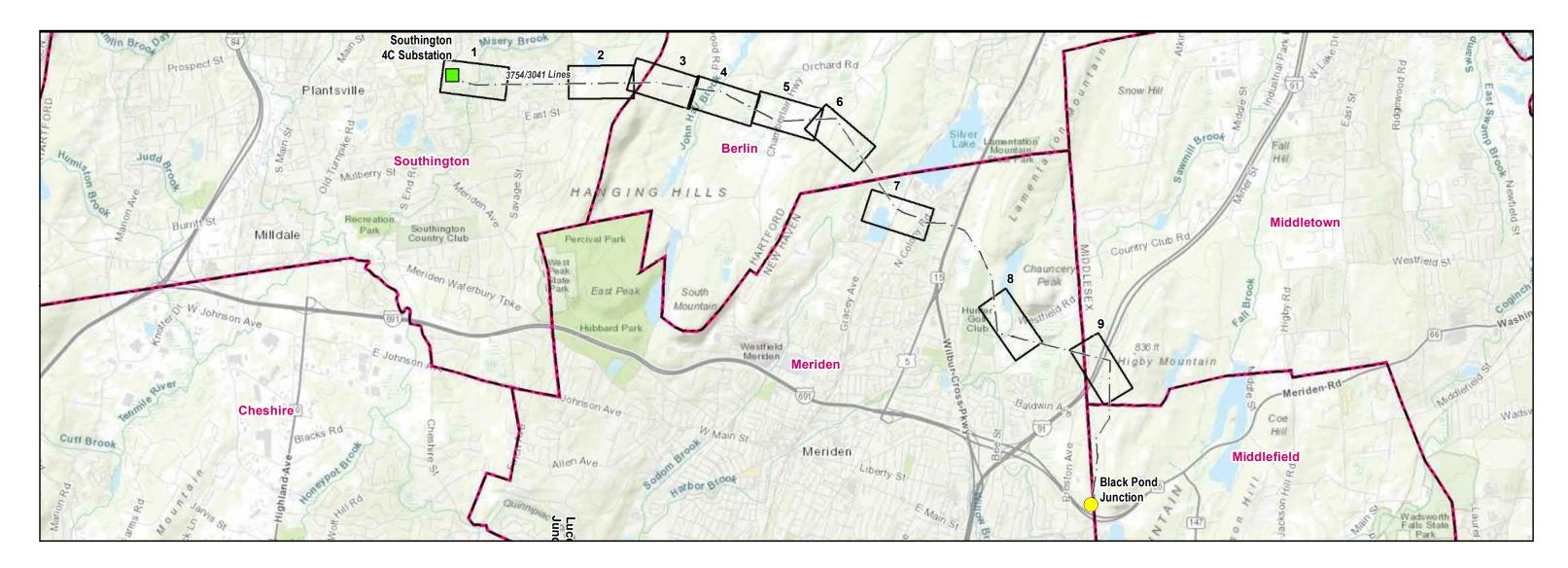
ATTACHMENT C

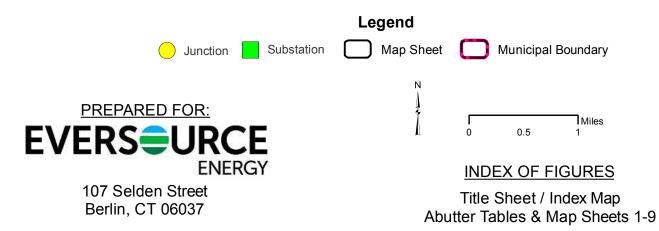
MAPS

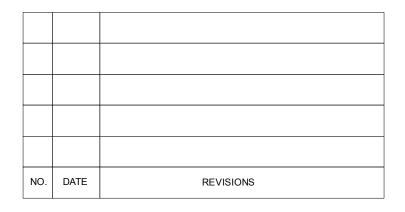
3754/3041 Lines - Structure Replacement Project

SOUTHINGTON, BERLIN, MERIDEN, CT Sub-Petition Map Set FINAL Map Set

Date: April 20, 2021



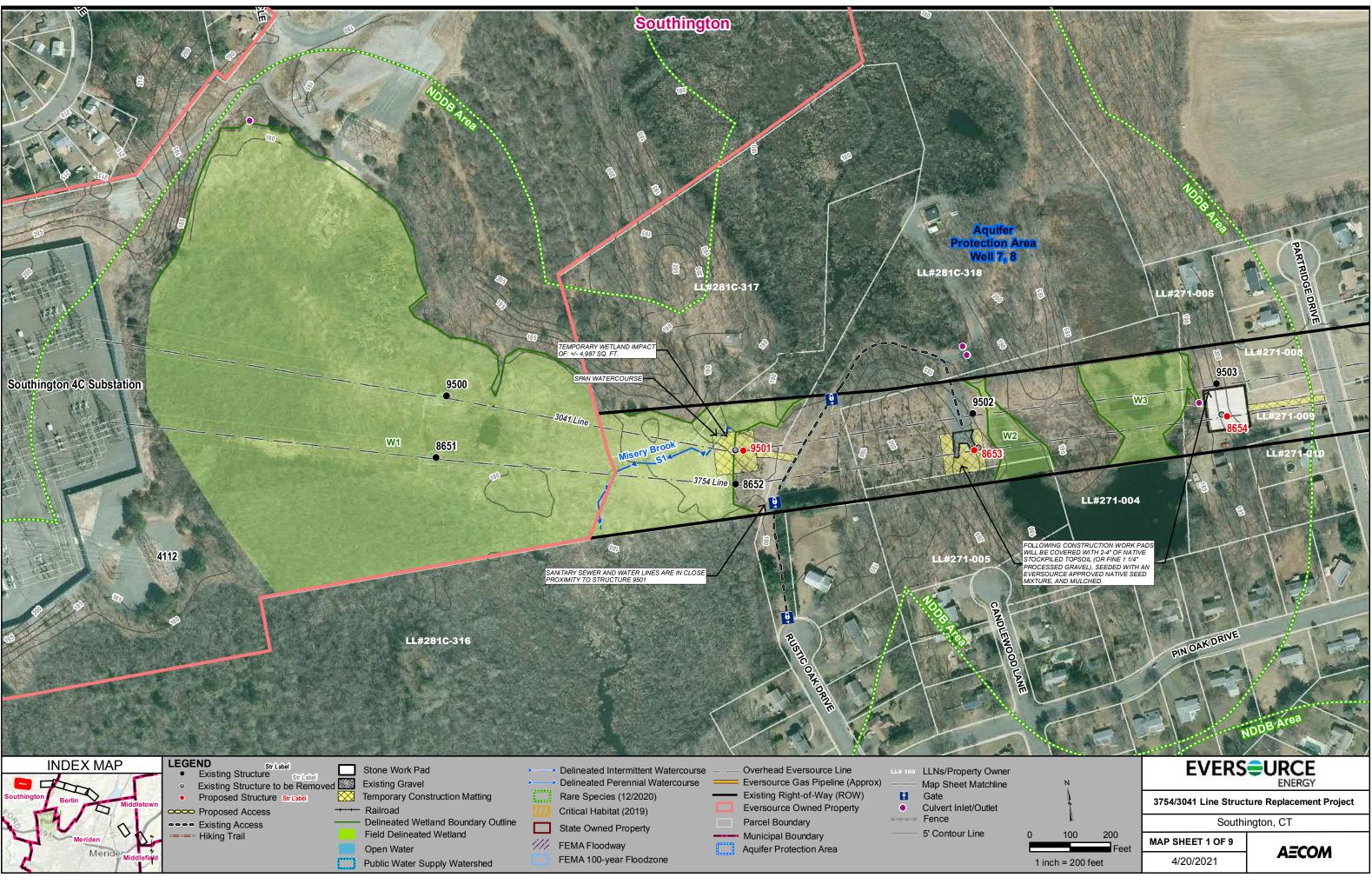






3754/3041 Lines Structure Replacement Project Map Sheet 01 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-004	TOWN OF SOUTHINGTON	151 CANDLEWOOD LANE	SOUTHINGTON	СТ
271-005	TOWN OF SOUTHINGTON	170 CANDLEWOOD LN	SOUTHINGTON	СТ
271-006	STEVEN E KLEINER	218 PARTRIDGE DRIVE	SOUTHINGTON	СТ
271-008	MICHAEL & LAUREN KNOPF	206 PARTRIDGE DRIVE	SOUTHINGTON	СТ
271-009	KELVIN J GOODWIN	182 PARTRIDGE DRIVE	SOUTHINGTON	СТ
271-010	SEAN F & DAWN M GARVEY	170 PARTRIDGE DRIVE	SOUTHINGTON	СТ
281C-316	TOWN OF SOUTHINGTON	381 BELLEVIEW AVE	SOUTHINGTON	СТ
281C-317	TOWN OF SOUTHINGTON	200 RUSTIC OAK DR #REAR	SOUTHINGTON	СТ
281C-318	TOWN OF SOUTHINGTON	165 RUSTIC OAK DR #REAR	SOUTHINGTON	СТ

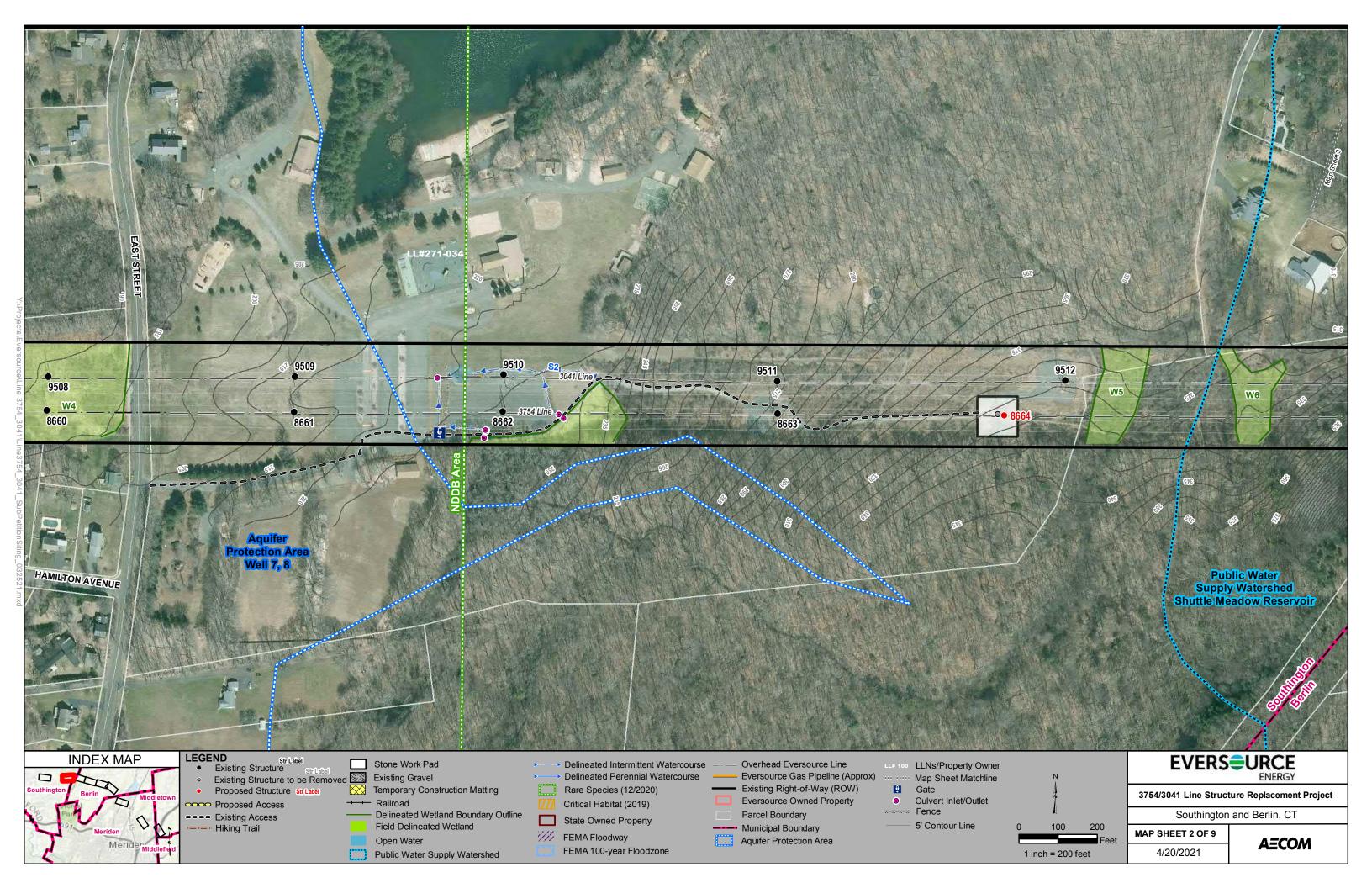


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Str Label	\bigotimes	Temporary Construction Matting		Rare S
		Railroad		Critical
		Delineated Wetland Boundary Outline Field Delineated Wetland		State C
		Open Water	ditte-	FEMA
		Public Water Supply Watershed		FEMA [′]

3754/3041 Lines Structure Replacement Project Map Sheet 02 Abutters List

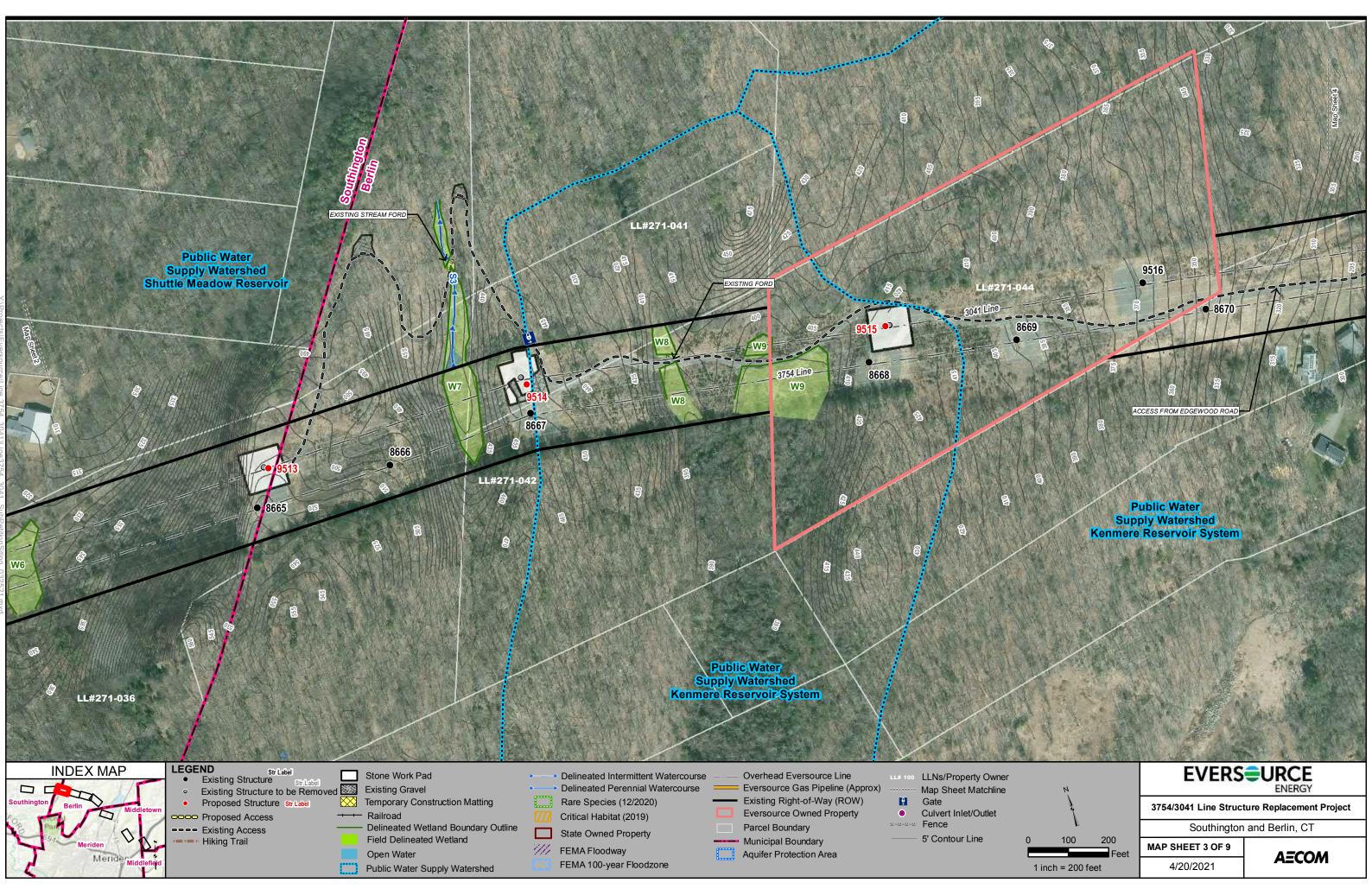
Line List Number	Owner Name	Parcel Address	Town
271-034	SOUTHINGTON-CHESHIRE COMMUNITY YMCAS INC	1000 EAST ST	SOUTHINGTON

	State
	СТ
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3754/3041 Lines Structure Replacement Project Map Sheet 03 Abutters List

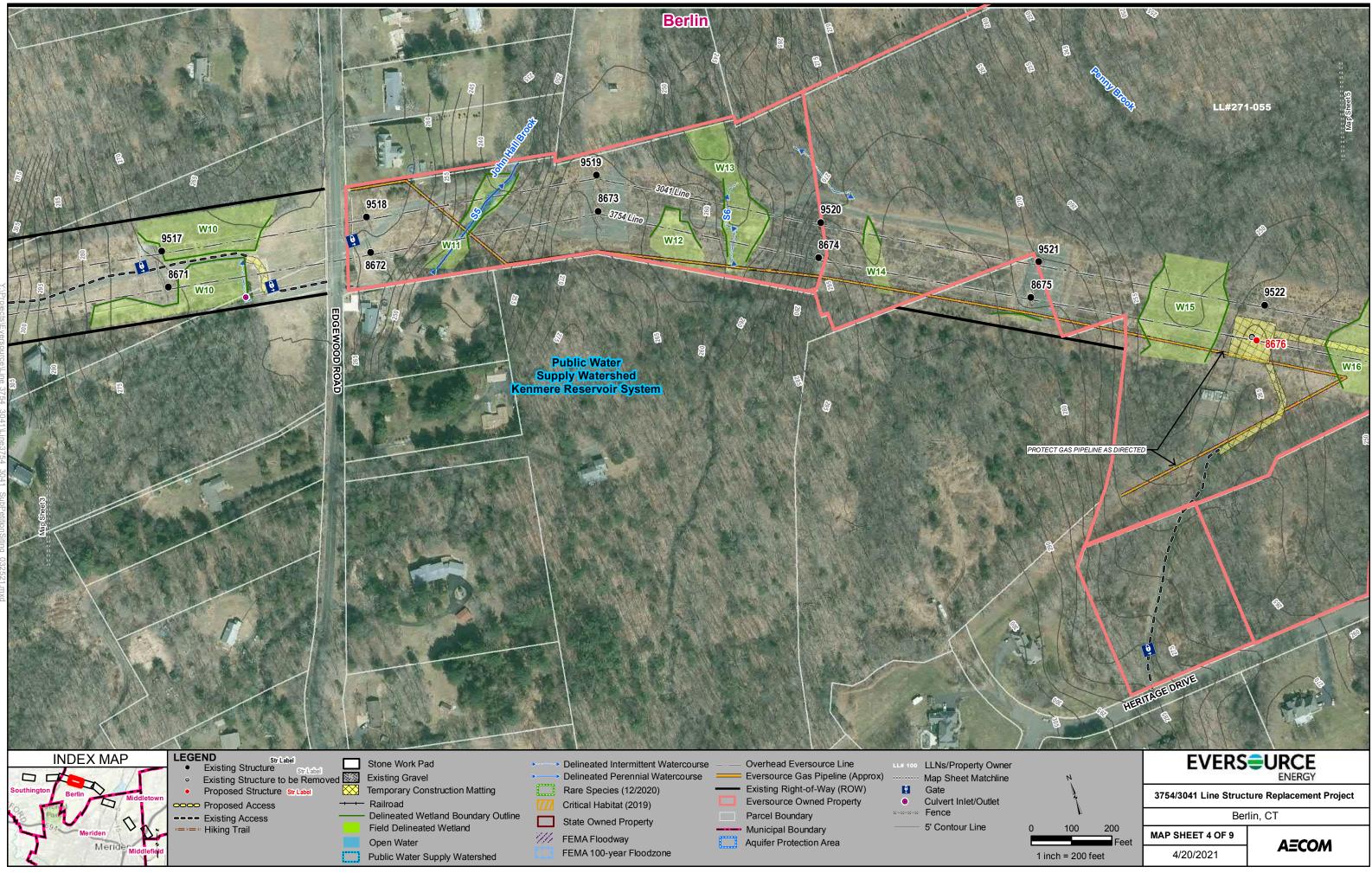
Line List Number	Owner Name	Parcel Address	Town	State
271-036	TOWN OF SOUTHINGTON	600 COPPER RIDGE	SOUTHINGTON	СТ
271-041	BERLIN LAND TRUST INC	EDGEWOOD RD	BERLIN	СТ
271-042	ROTH ROBERT	EDGEWOOD RD	BERLIN	СТ
271-044	CONNECTICUT LIGHT & POWER	EDGEWOOD RD	BERLIN	СТ



3754/3041 Lines Structure Replacement Project Map Sheet 04 Abutters List

Line List Number	Owner Name	Parcel Address	Town	
271-055	YANKEE GAS SERVICES COMPANY (EVERSOURCE) & CITY OF MERIDEN	ORCHARD RD	BERLIN	

State
СТ
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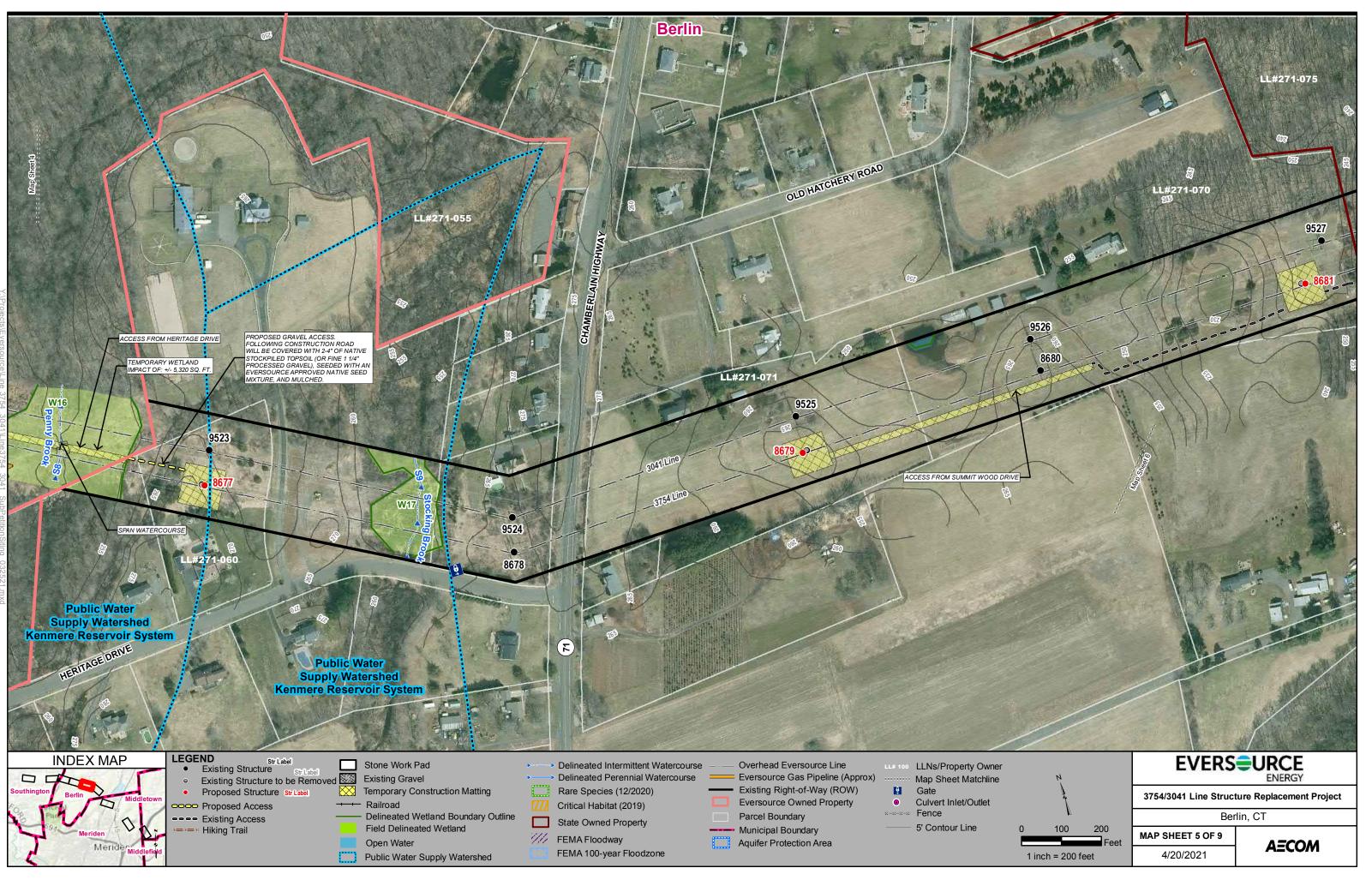


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1	0	Existing Structure to be Ren
'n	•	Proposed Structure Str Label
1	0000	Proposed Access
		Existing Access

Stone Work Pad
Existing Gravel
Temporary Construction Matting
Railroad
Delineated Wetland Boundary Outli
Field Delineated Wetland
Open Water

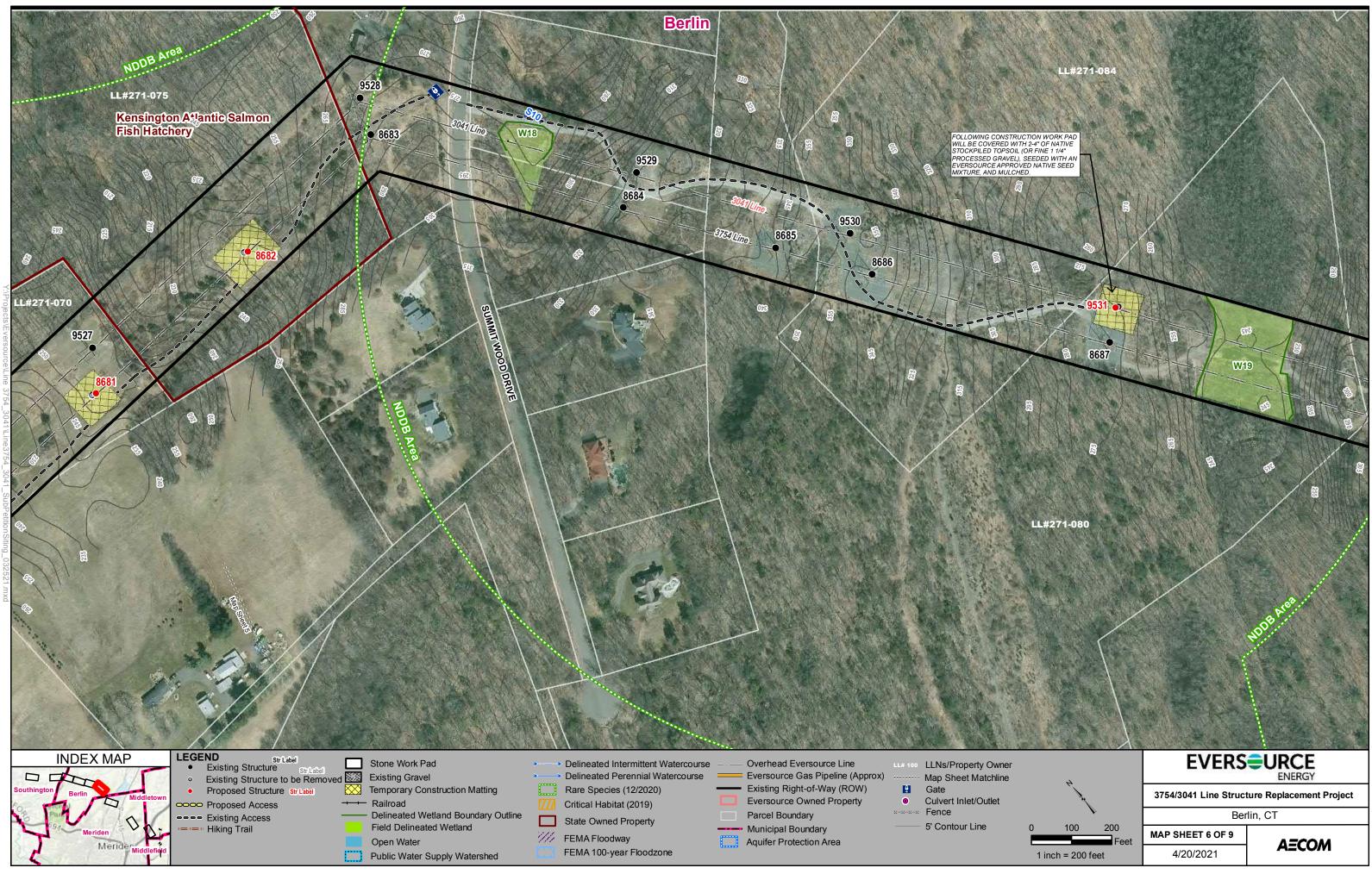
3754/3041 Lines Structure Replacement Project Map Sheet 05 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-055	YANKEE GAS SERVICES COMPANY (EVERSOURCE) & CITY OF MERIDEN	ORCHARD RD	BERLIN	СТ
271-060	INTURRI JOSEPH JR	84 HERITAGE DR	BERLIN	СТ
271-070	ROCHE JAMES C & ROCHE DORIS B (LU)	86 OLD HATCHERY RD	BERLIN	СТ
271-071	ROCHE DAVID D & BARBARA D	2009 CHAMBERLAIN HWY	BERLIN	СТ
271-075	CONNECTICUT STATE OF	120 OLD HATCHERY RD	BERLIN	СТ



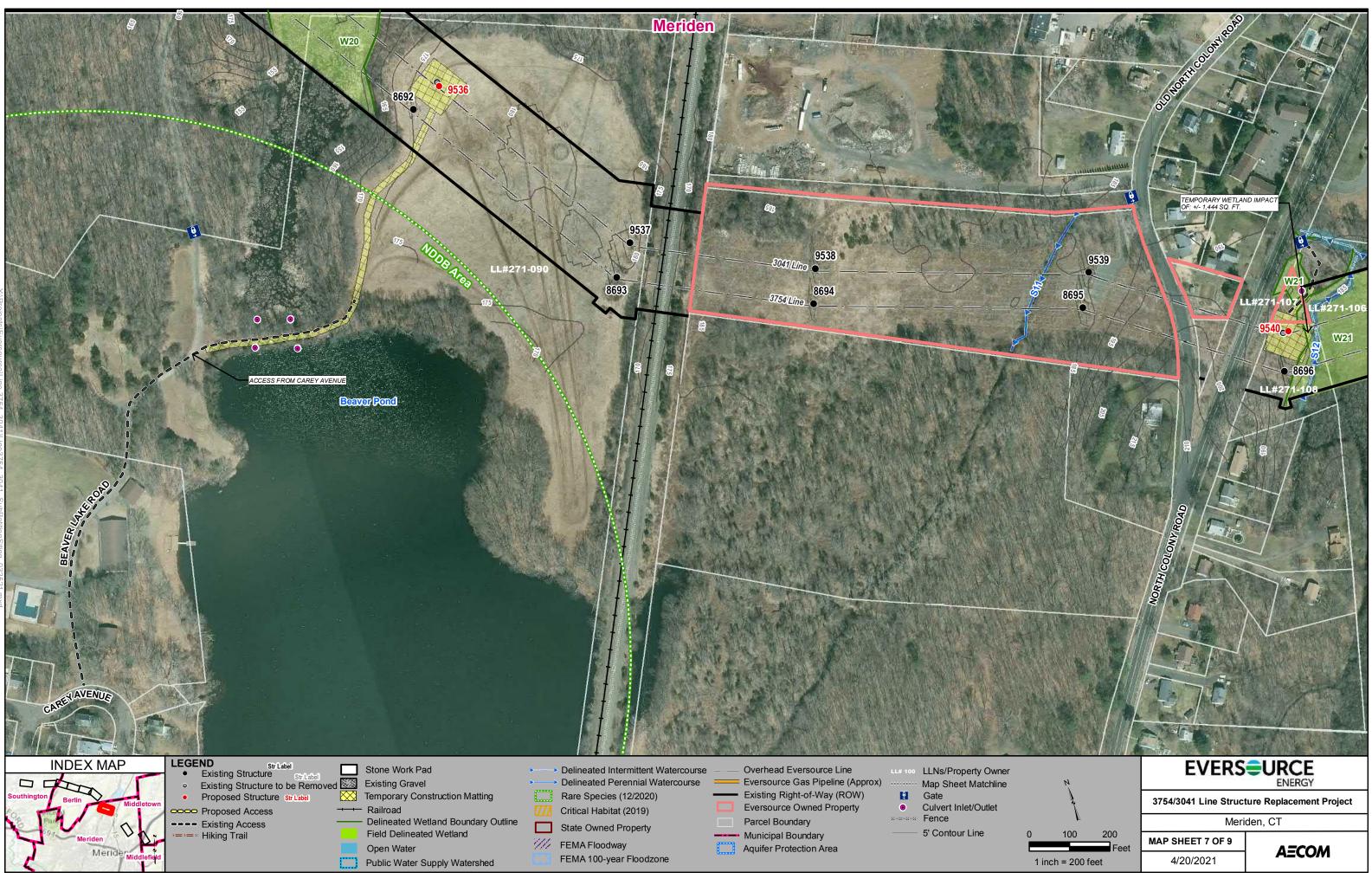
3754/3041 Lines Structure Replacement Project Map Sheet 06 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-070	ROCHE JAMES C & ROCHE DORIS B (LU)	86 OLD HATCHERY RD	BERLIN	СТ
271-075	CONNECTICUT, STATE OF	120 OLD HATCHERY RD	BERLIN	СТ
271-080	BERLIN, TOWN OF	SUMMIT WOOD DR	BERLIN	СТ
271-084	BERLIN, TOWN OF	ORCHARD RD	BERLIN	СТ



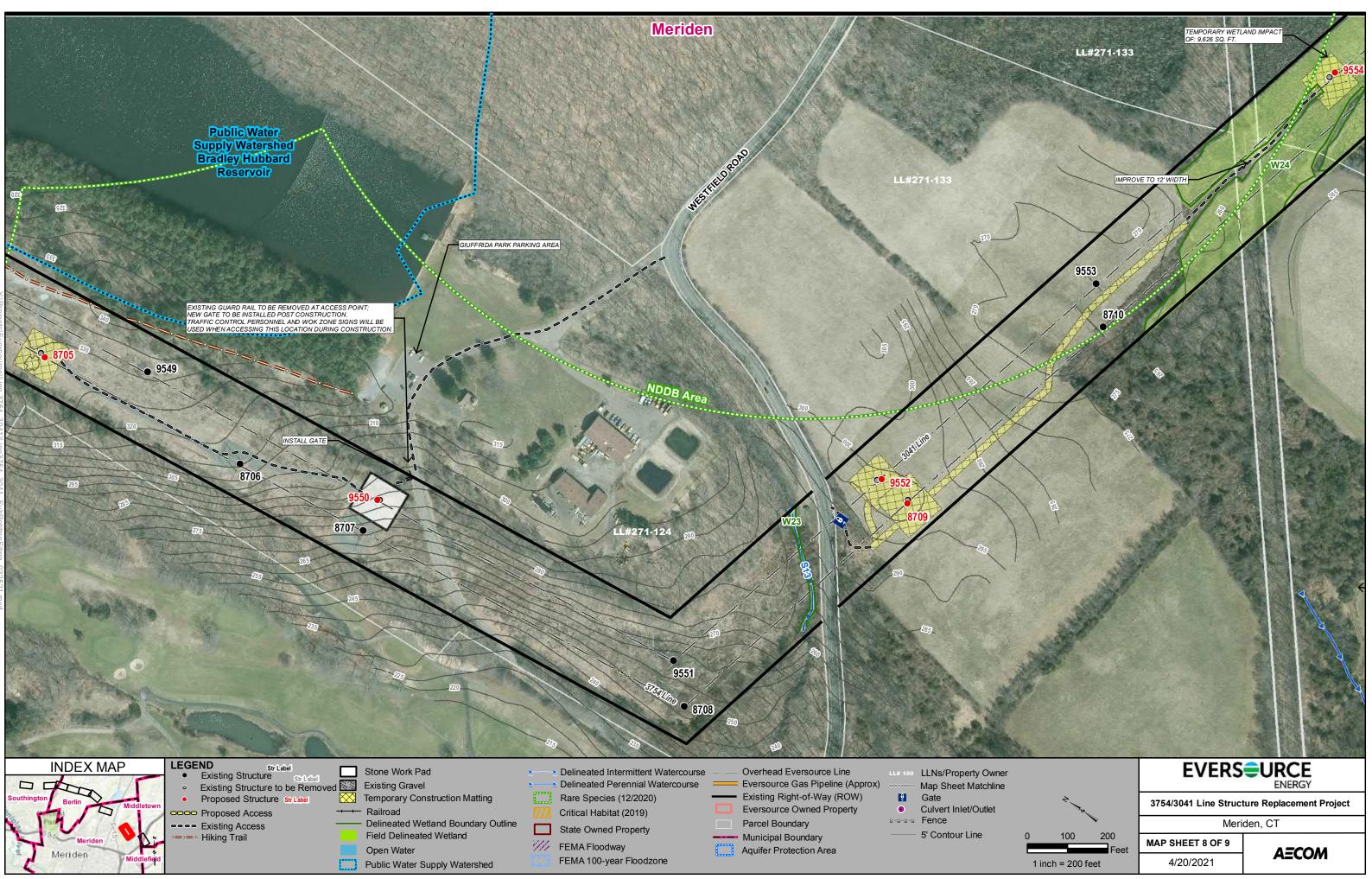
3754/3041 Lines Structure Replacement Project Map Sheet 07 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-090	CITY OF MERIDEN	1 BEAVER LAKE RD	MERIDEN	СТ
271-106	CITY OF MERIDEN	1353 NORTH COLONY RD	MERIDEN	СТ
271-107	THE CONNECTICUT LIGHT AND POWER COMPANY	1351 NORTH COLONY RD	MERIDEN	СТ
271-108	NATURE CONSERVANCY CONNECTICUT CHAPTER	1327 NORTH COLONY RD	MERIDEN	СТ



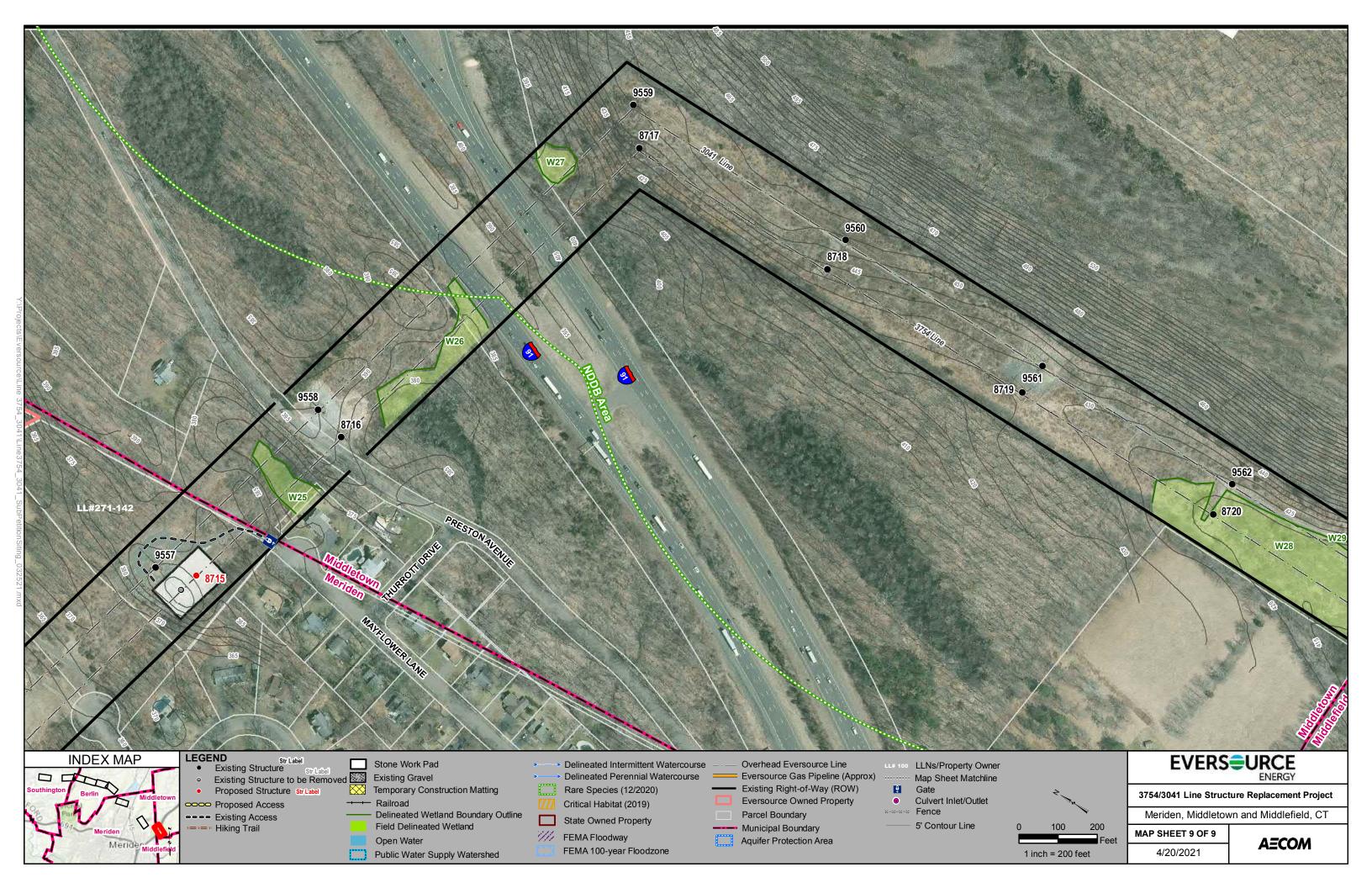
3754/3041 Lines Structure Replacement Project Map Sheet 8 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-124	CITY OF MERIDEN GUIFFRIDA PARK	800 WESTFIELD RD	MERIDEN	СТ
271-133	FRANCIS A PERZANOWSKI & JOSEPH E PERZANOWSKI, JR *	815 WESTFIELD RD	MERIDEN	СТ
271-133	FRANCIS A PERZANOWSKI & JOSEPH E PERZANOWSKI, JR *	703 WESTFIELD RD	MERIDEN	СТ

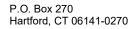


3754/3041 Lines Structure Replacement Project Map Sheet 09 Abutters List

Line List Number	Owner Name	Parcel Address	Town	State
271-142	YORK HILL TRAP ROCK QUARRY COMPANY INCORPORATED	208 MAYFLOWER LA	MERIDEN	СТ



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE





April 23, 2021

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 in Southington, Berlin, and Meriden. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting <u>Sub-Petition No. 1293-SBM-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 area.

As part of this project, we are proposing to replace wood structures due to structure age, weather, and/or woodpecker activity. The new weathering steel structures will comply with current clearance requirements and 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-SBM-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,

Evan Piacente

Evan Piacente 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 April 23, 2021, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-SBM-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 26 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, CT Mark J. Sciota, Town Manager 75 Main Street Southington, CT 06489

Town of Berlin Arosha Jayawickrema, Town Manager 240 Kensington Road Berlin, CT 06037 City of Meriden Kevin Scarpati, Mayor 142 East Main Street Meriden, CT 06450

James L. Smith Project Siting Specialist

On this the 23^{-1} day of April, 2021, 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.

andre W. Lol

Signature

Notary Public / My Commission expires ______ Officer of the Superior Court / Juris No. _____413393