

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

Kathleen M. Shanley

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

April 27, 2020

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

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

Dear Attorney Bachman:

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

Eversource notified the officials of the municipalities of Southington, Berlin, Meriden and Middletown 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 an electronic copy of this filing. As a safety precaution related to COVID-19, hardcopies will not be delivered at this time.

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 ELECTRIC
SAFETY CODE CLEARANCE REQUIREMENTS

Towns: Southington, Berlin, Meriden and Middletown

Sub-Petition 1293-SBMM-01

Project: 3754 Transmission Line Structure Replacement Project

Structure Locations: 21 Transmission Line Structures located in Southington, Berlin, Meriden and

Middletown, Connecticut

I. <u>Introduction:</u>

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. <u>Description of Transmission Work Activities:</u>

Eversource's 3754 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, many structures require replacement on a portion of the 3754 Line between Southington Substation, in Southington and a location just west of I-91 North in Middletown. The 3754 Line, in its entirety, is a 345-killovolt line that extends from Southington Substation in Southington, to Beseck Switching Station in Wallingford, Connecticut. Of the structures that will be replaced, 21 structures require an increase in structure height to comply with current clearance requirements. Of these 21 structures to be replaced, 20 are wooden H-Frame or monopole structures and one is a steel lattice 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 20 existing wood structures and one steel lattice structure with new weathering steel structures. With the exception of Structure 8717, which would change from a lattice structure to a steel two-pole structure, each replacement structure will be of the same design as its corresponding existing structure. The two-pole structure poles will be raised in height by 8 feet and 34 feet, respectively, as compared to the height of the existing lattice structure. The height increases are required to maintain phase to phase clearances as the line and ROW transition at a sharp angle toward the south due its close proximity to a steep slope toward the east. The remainder of the structures will be raised in height 10

feet or less than the existing structure. The replacement structures will be installed within 15 feet of the existing structure location centerlines.

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 within Eversource's 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 would access each of the structure replacement locations utilizing its existing rights.
- b) Collectively, utilizing existing and proposed access roads where rights are in place, the Work Activities would result in approximately 9,635 square feet ("SF") of temporary wetland impacts from the use of temporary matting for access and work pads for three structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W1	8652	±4,300	0
W16	8674	0	±905
W17	8674	0	±790
W18	8674	0	±1,840
W30	8696	±1,800	0
Subtot	als:	±6,100	±3,535
TOTA	\L:	±9,6	335

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 Areas.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDB"), only the Work Activities associated with portions of the access road and work pad for Structure 8652 are proposed within a NDDB buffered 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 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, eight proposed work pad locations and five proposed access road locations were identified to possess a potential for moderate to high archaeological sensitivity. Based on the results of a pedestrian survey, five of the work pad locations and three of the access road locations retained the initial archaeological sensitivity assessment of moderate to high and a Phase IB cultural resources survey (shovel pit testing) was recommended. Heritage completed a Phase 1B survey at the locations and found no physical evidence of archaeological significance; therefore, Heritage advised that no further examination is recommended or warranted.

- g) Replacement structures would be located within 15 feet of the existing structure centerlines.
- h) Work Activities associated with Structure 8652 are located entirely within the mapped floodway and partially within the 100-year flood zone associated with Misery Brook. Work activities associated with Structure 8674 are partially located within the mapped 100-year flood zone associated with John Hall Brook. Eversource would utilize its BMPs to minimize any impacts to the flood zones and floodway by utilizing temporary construction matting and/or by not placing any fill that would increase the elevations of the existing or proposed road surfaces or work pads to ensure that the floodplain and floodway hydrology would not be adversely affected. With these protective measures and the use of the BMPs, no adverse impact to the 100-year flood zones and floodway would result from the proposed Work Activities.
- No change in noise levels would result from the installation of the new structures and the applicable lines 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. 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.
- Any NDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Potential impacts to the 100-year flood zones and floodway 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:

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 temporarily widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used for temporary access in wetlands as well as 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 the ROW from existing access points on public roads as follows:

Southington

- Rustic Oak Drive for Structure 8652
- Pin Oak Drive for Structures 8656, 8657, 8658 and 8659
- East Street for Structure 8661

Berlin

- Edgewood Road for Structure 8674
- Heritage Drive for Structure 8678
- Summit Wood Drive for Structure 8683

Meriden

- Beaver Lake Road for Structures 8689, 8690, 8692 and 8693
- Old North Colony Road for Structure 8694
- North Colony Road for Structure 8696
- Canyon Drive for Structures 8698 and 8699
- Daffodil Lane for Structure 8713
- Preston Avenue for Structures 8616, 8717 and 8719

By:

Kathleen M. Shanley

Manager - Transmission Siting

ATTACHMENT B PHOTOGRAPHS

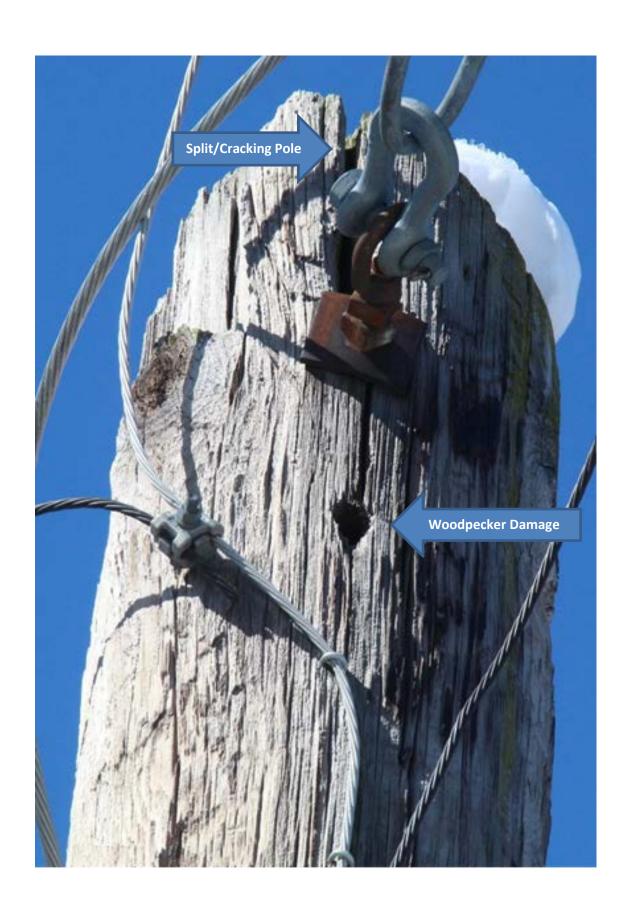
Structure #8674



Structure #8690



Structure #8713



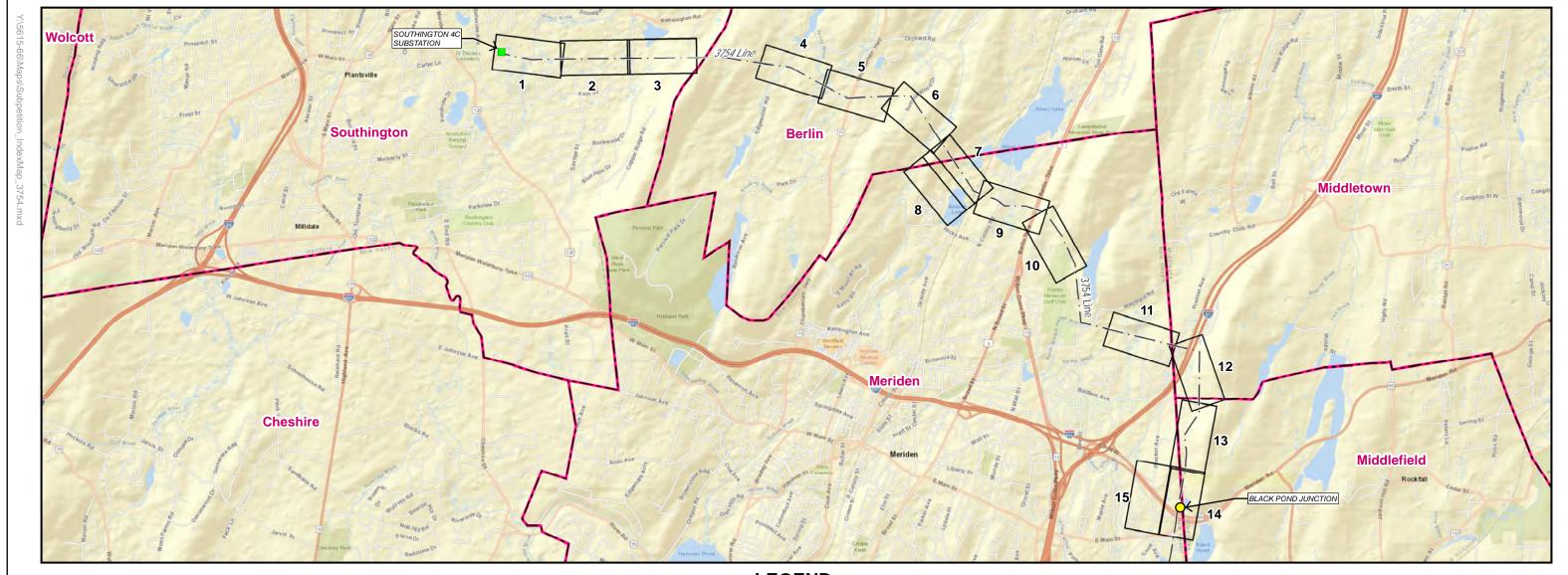
ATTACHMENT C MAPS

3754 LINE - STRUCTURE REPLACEMENT PROJECT

Southington, Berlin, Meriden, Middletown, Connecticut

Sub-Petition Map Set

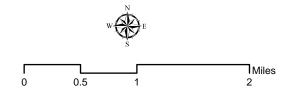
Date: April 22, 2020



LEGEND:



107 Selden Street Berlin, CT 06037



INDEX OF FIGURES:

T1 - Index Sheet

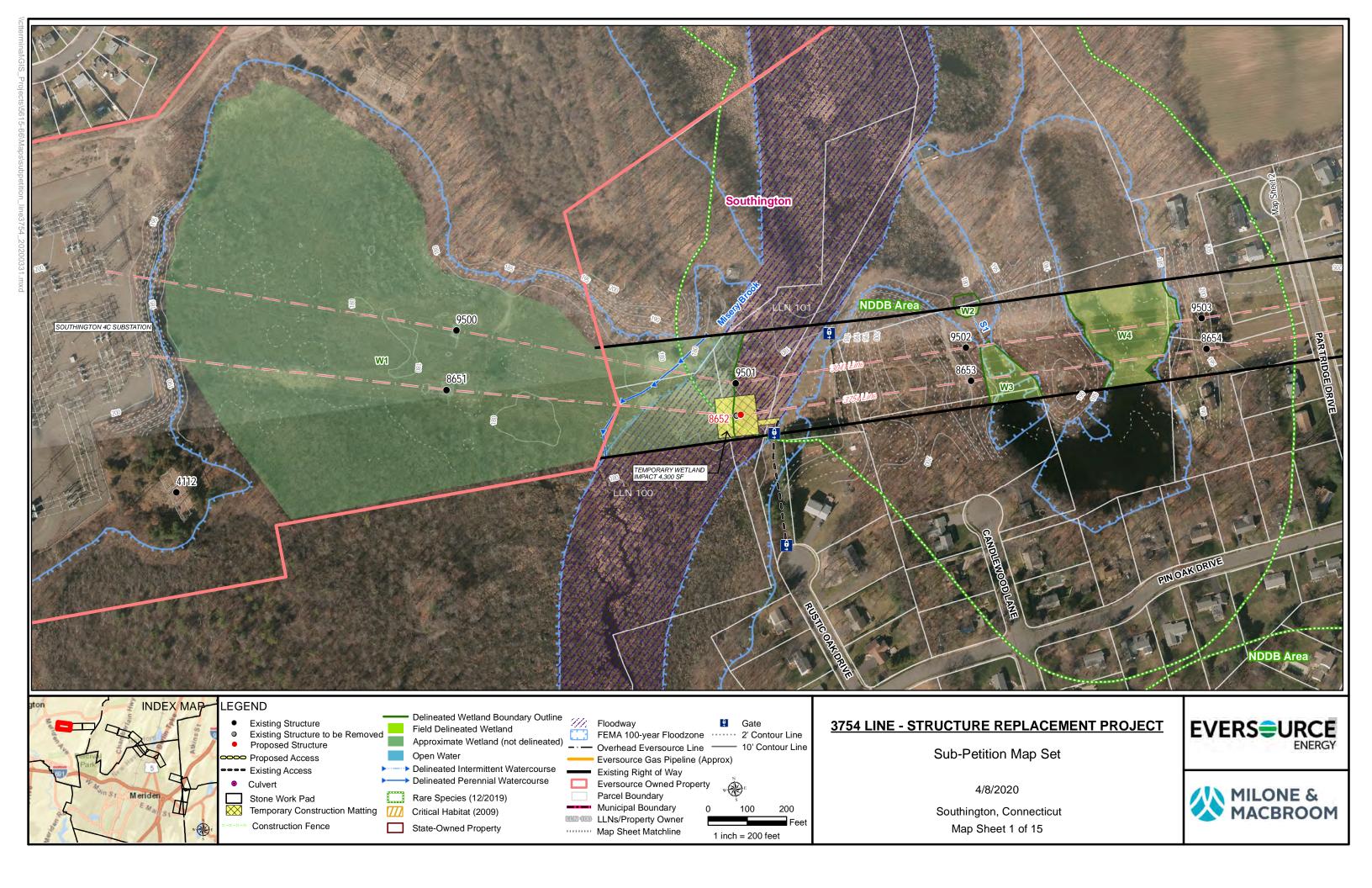
1-15 - Abutters List & Map Sheets



99 Realty Drive Cheshire, CT 06410

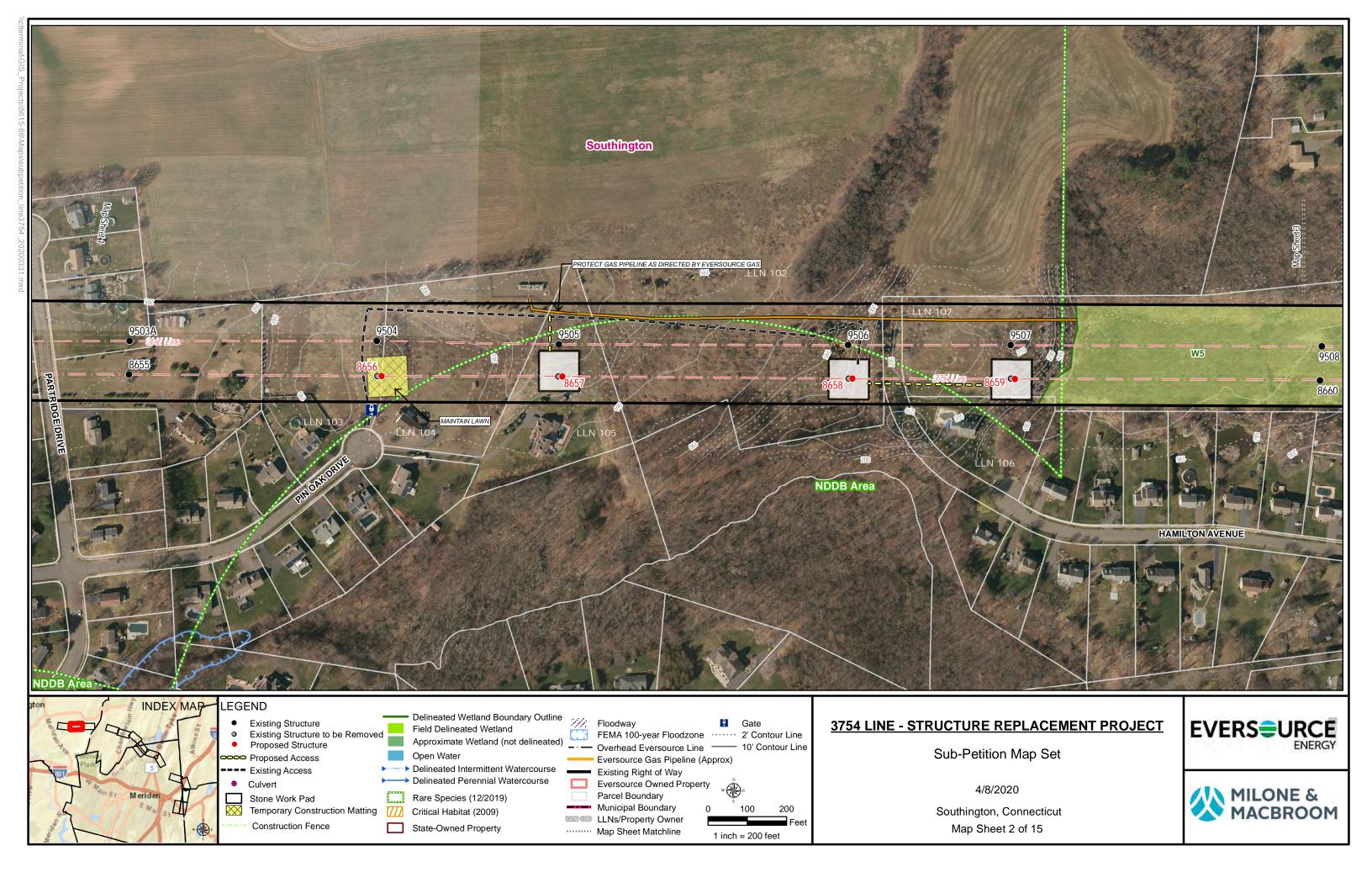
Mapsheet 1 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
100	TOWN OF SOUTHINGTON		381 BELLEVIEW AV	SOUTHINGTON	CONNECTICUT
101	TOWN OF SOUTHINGTON		229 EAST ST	SOUTHINGTON	CONNECTICUT



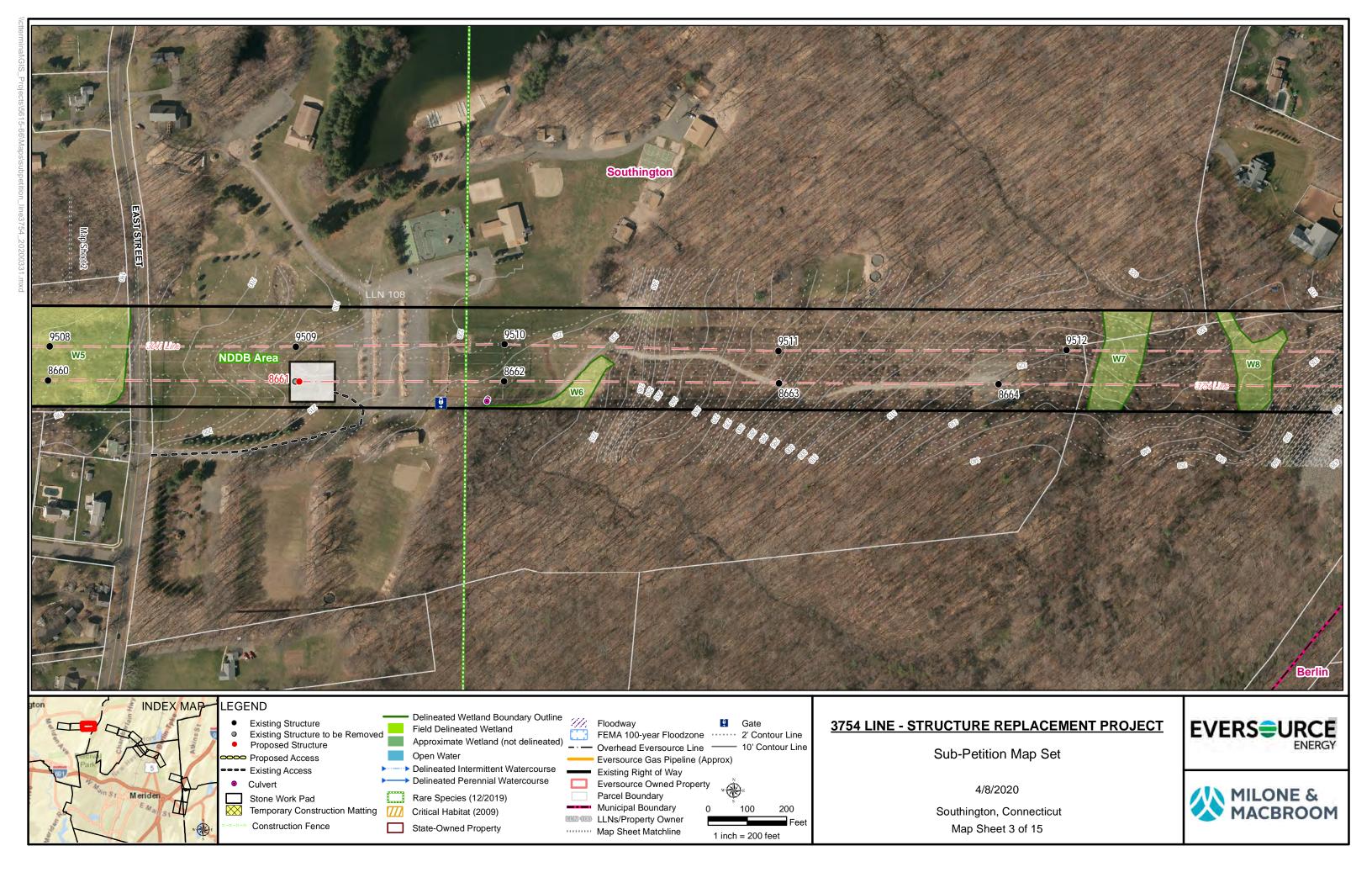
Mapsheet 2 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
102	CATHOLIC CEMETERIES ASSOC		1012 EAST ST	SOUTHINGTON	CONNECTICUT
103	SCOTT A & KRISTIN L	RAMEY	279 PIN OAK DR	SOUTHINGTON	CONNECTICUT
104	YOUSSEF	EL-BAKHAR	296 PIN OAK DR	SOUTHINGTON	CONNECTICUT
105	THOMAS D	BOSSE	294 PIN OAK DR	SOUTHINGTON	CONNECTICUT
106	CHRISTIAN & KARA	WATSON	118 HAMILTON AV	SOUTHINGTON	CONNECTICUT
107	TOWN OF SOUTHINGTON		138 HAMILTON AV	SOUTHINGTON	CONNECTICUT



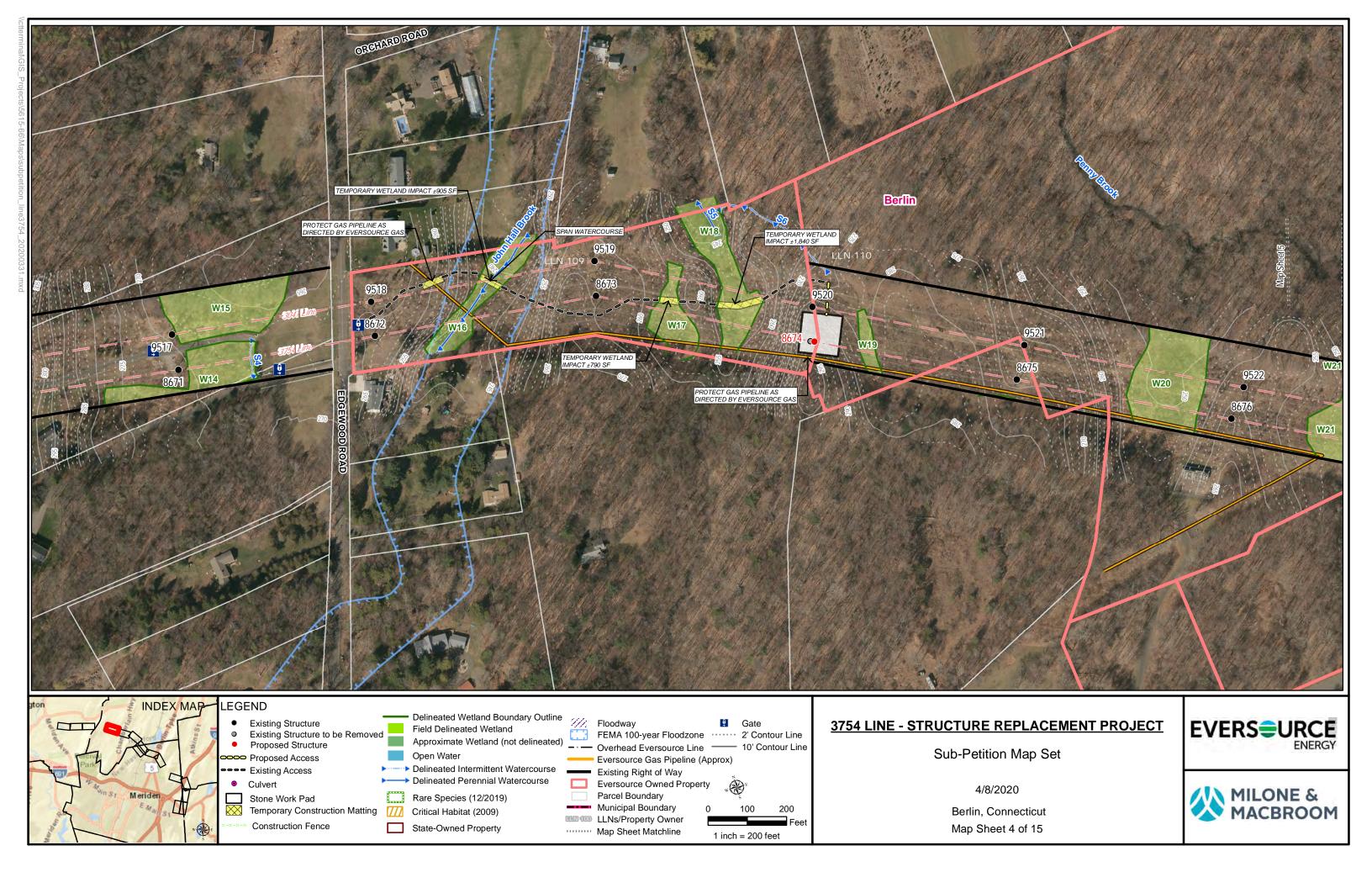
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LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
108	SOUTHINGTON-CHESHIRE COMMUNITY		1000 EAST ST	SOUTHINGTON	CONNECTICUT



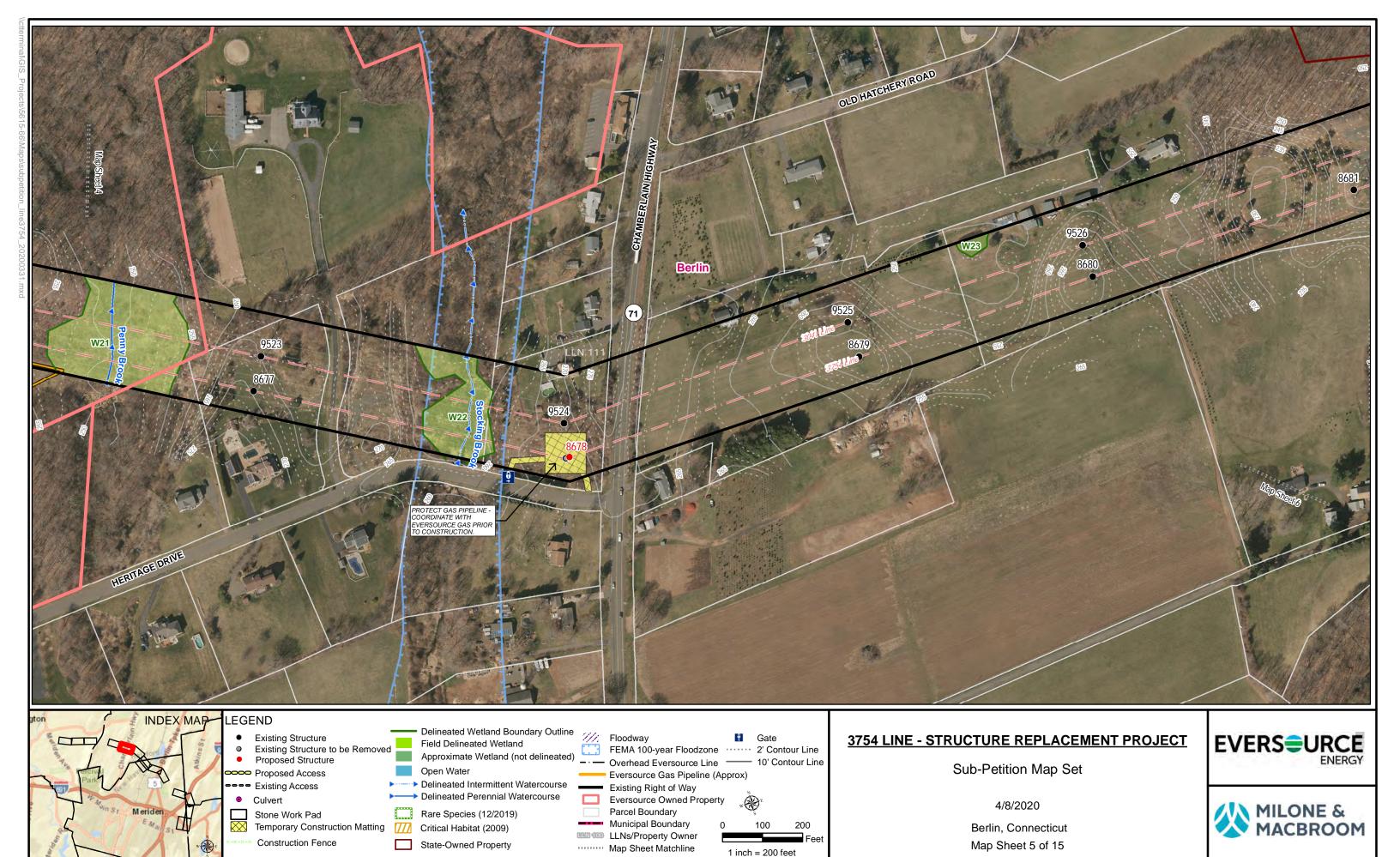
Mapsheet 4 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LIN	NE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
	109	CONNECTICUT LIGHT & POWER CO		0 EDGEWOOD RD	BERLIN	CONNECTICUT
	110	YANKEE GAS SERVICES COMPANY & CITY OF MERIDEN WATER		0 ORCHARD RD	BERLIN	CONNECTICUT



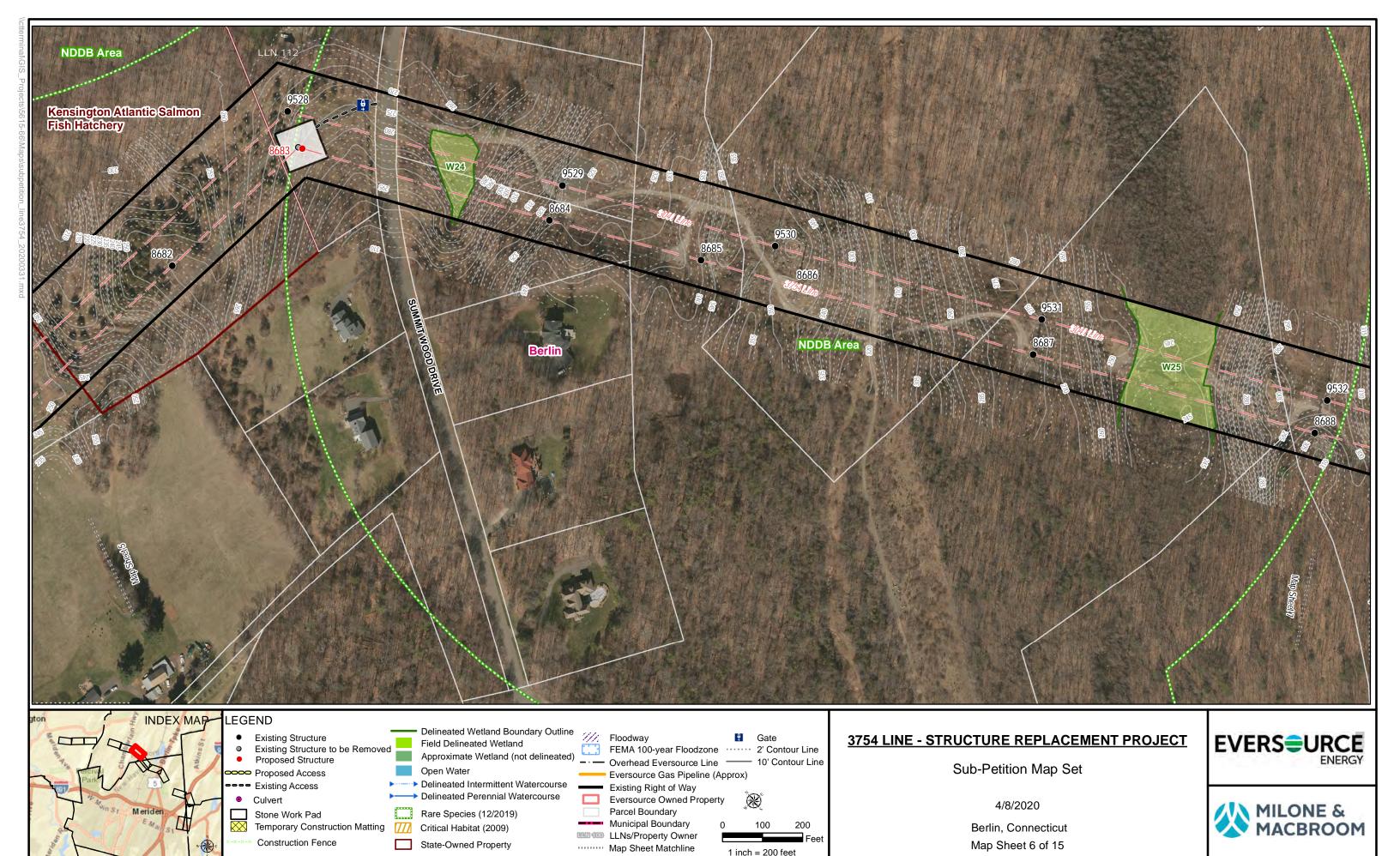
Mapsheet 5 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
111	JEFFREY S & LISA D	MORRIS	2014 CHAMBERLAIN HWY	BERLIN	CONNECTICUT



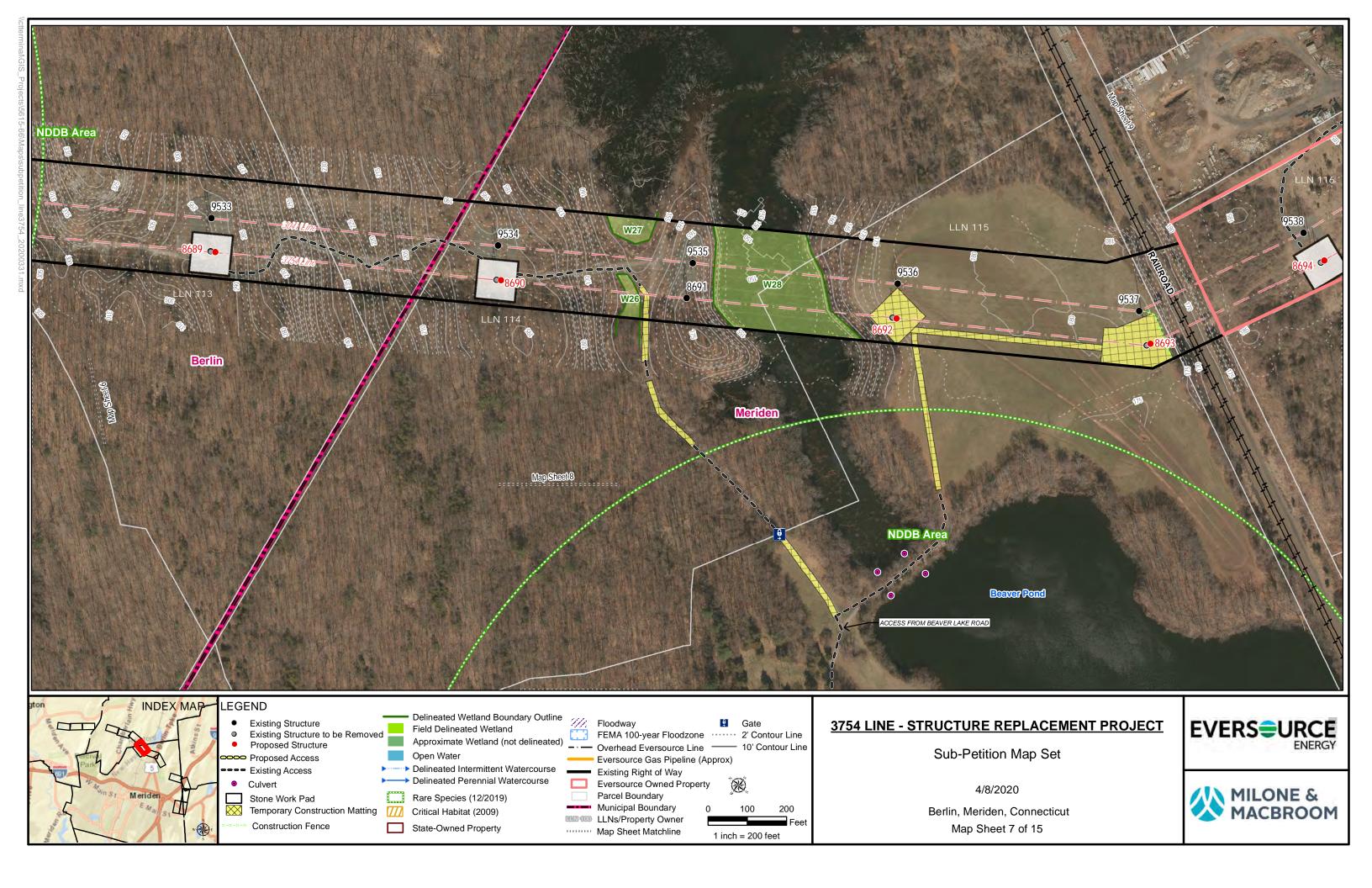
Mapsheet 6 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
112	KAREN A & DANIEL J	CARANGELO & SZYMASZEK	250 SUMMIT WOOD DR	BERLIN	CONNECTICUT

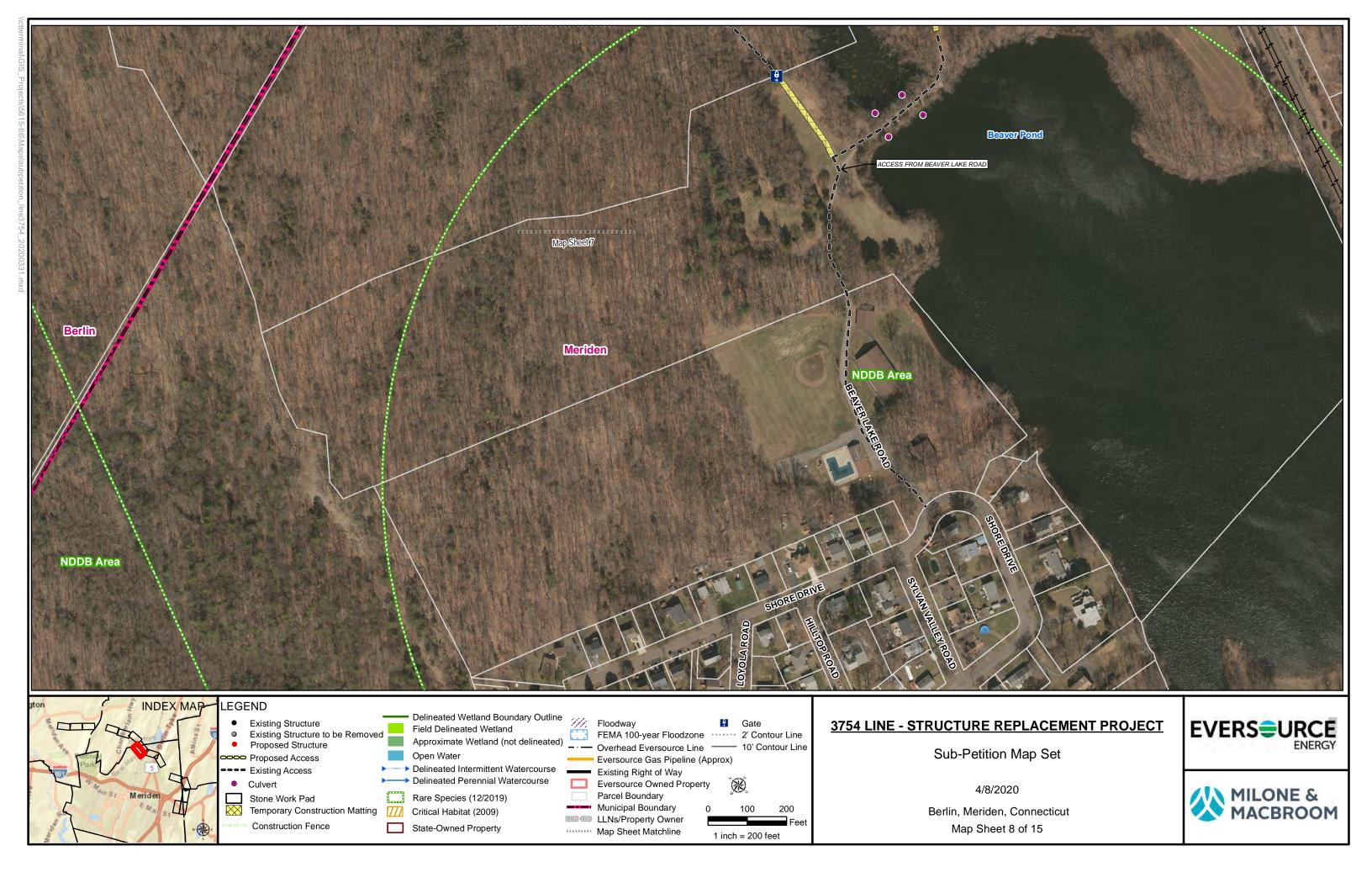


Mapsheet 7 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
113	TOWN OF BERLIN		0 ORCHARD RD	BERLIN	CONNECTICUT
114	CITY OF MERIDEN		129 EMPIRE AVE	MERIDEN	CONNECTICUT
115	CITY OF MERIDEN		1 BEAVER LAKE RD	MERIDEN	CONNECTICUT
116	THE CONN LIGHT POWER CO		1350 OLD NO COLONY RD	MERIDEN	CONNECTICUT



Mapsheet 8 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List



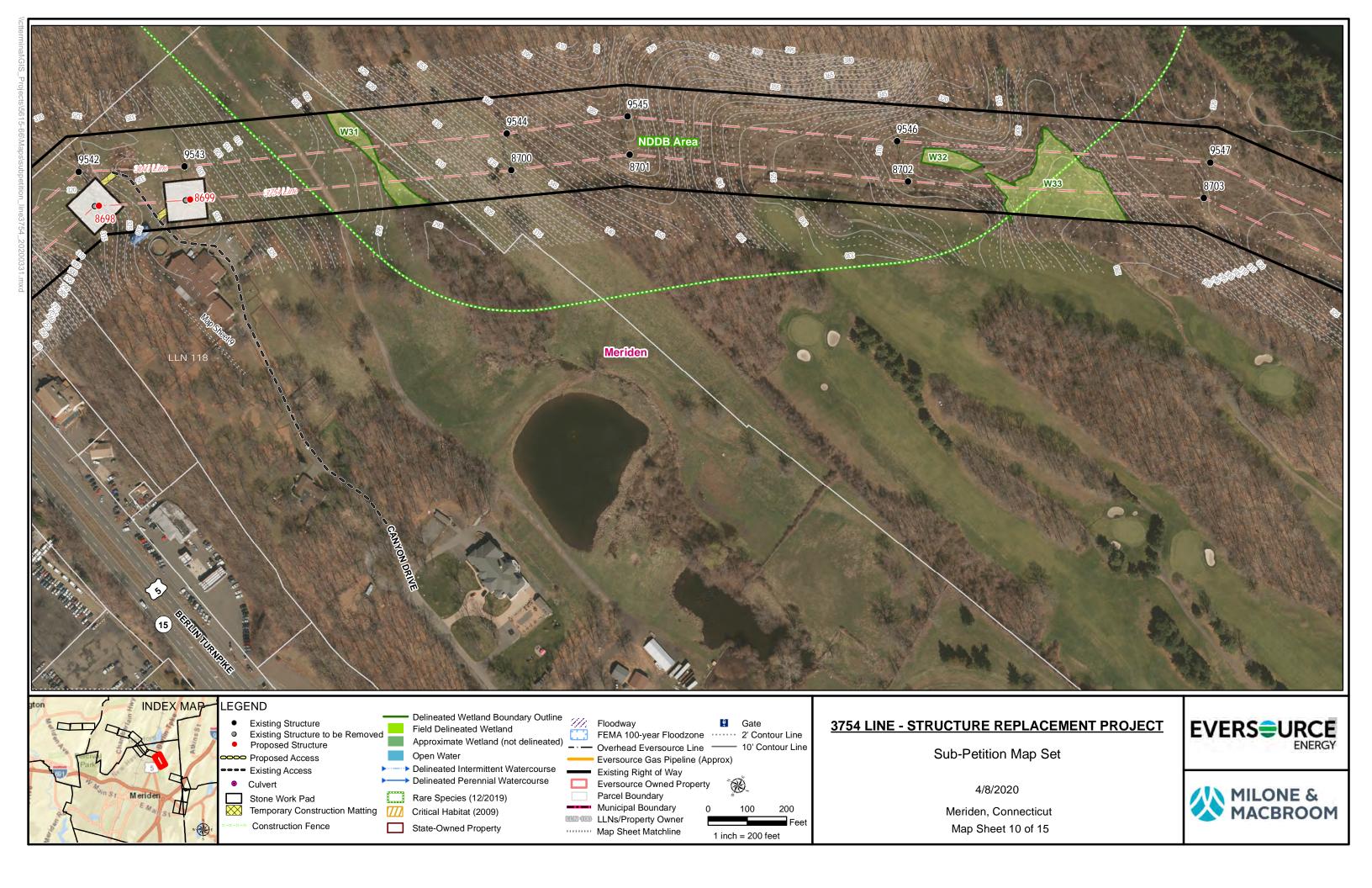
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116	THE CONN LIGHT POWER CO		1350 OLD NO COLONY RD	MERIDEN	CONNECTICUT
117	NATURE CONSERVANCY CT CHAPTER		1327 OLD NO COLONY RD	MERIDEN	CONNECTICUT
118	MICHAEL J JR ETAL TR	FIONDELLA C/O CARABETTA ENTERPRISES	226 CANYON DR	MERIDEN	CONNECTICUT



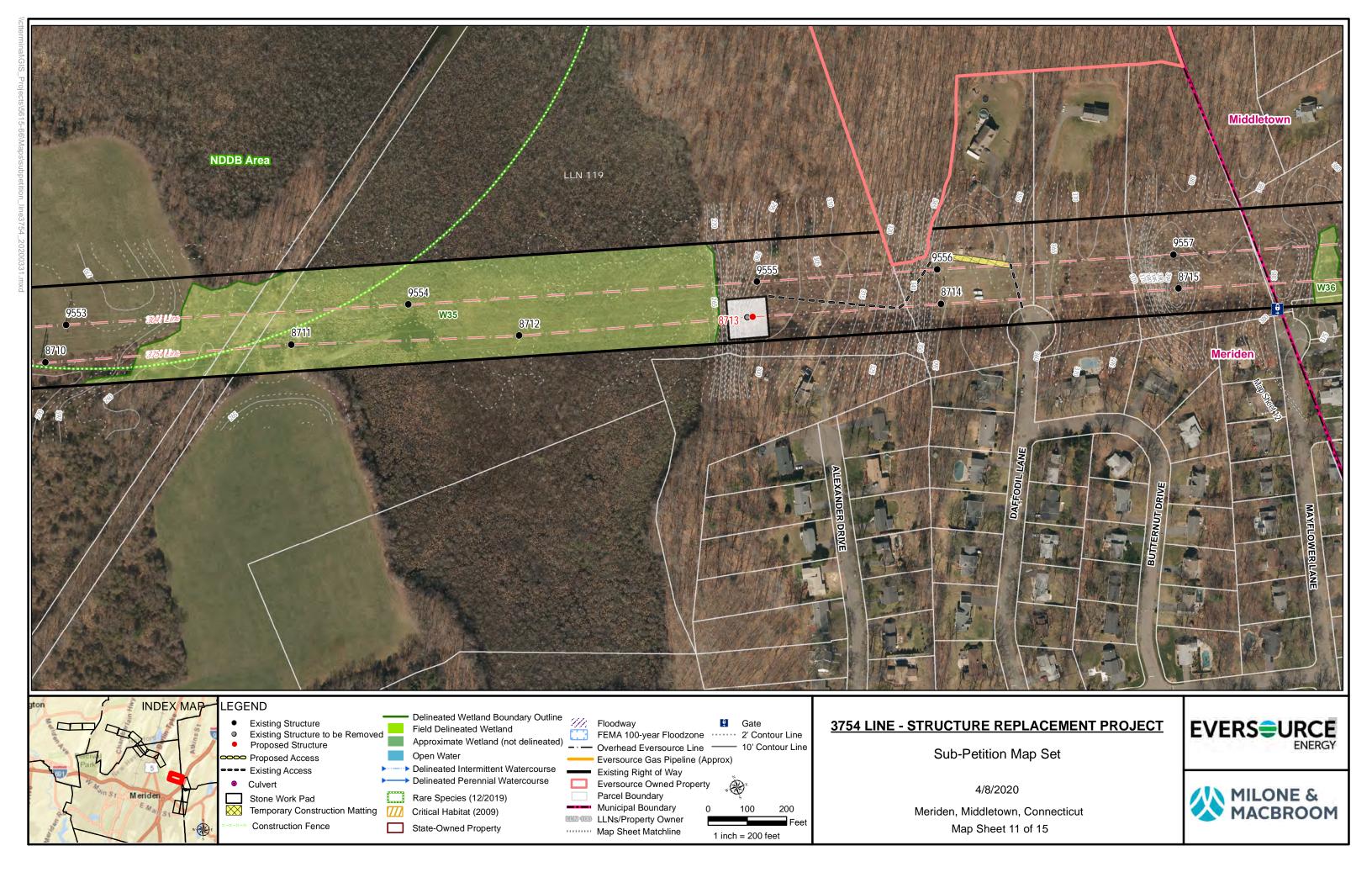
Mapsheet 10 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
118	MICHAEL J JR ETAL TR	FIONDELLA C/O CARABETTA ENTERPRISES	226 CANYON DR	MERIDEN	CONNECTICUT



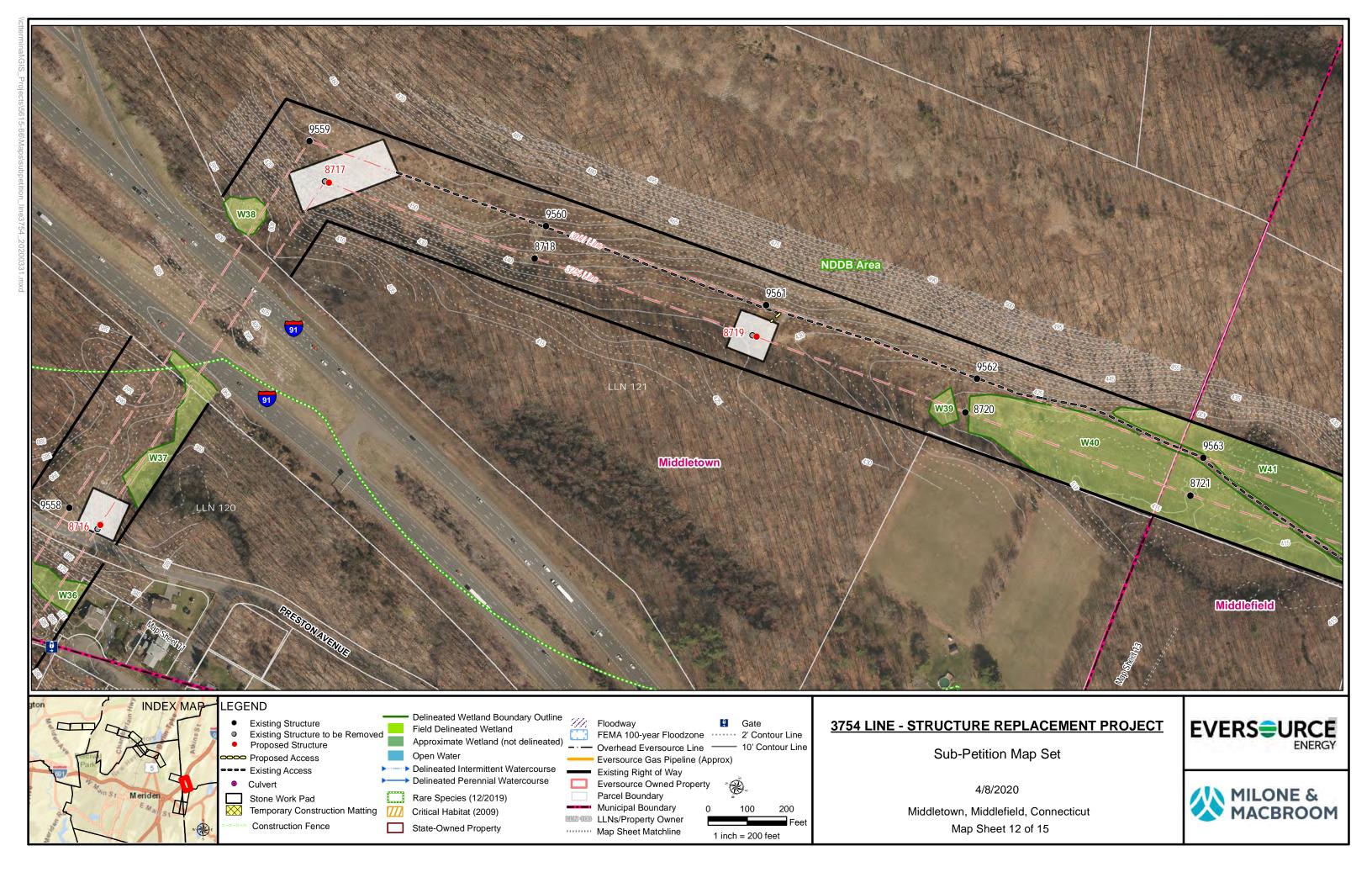
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LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
119	FRANCIS A	PERZANOWSKI	703 WESTFIELD RD	MERIDEN	CONNECTICUT

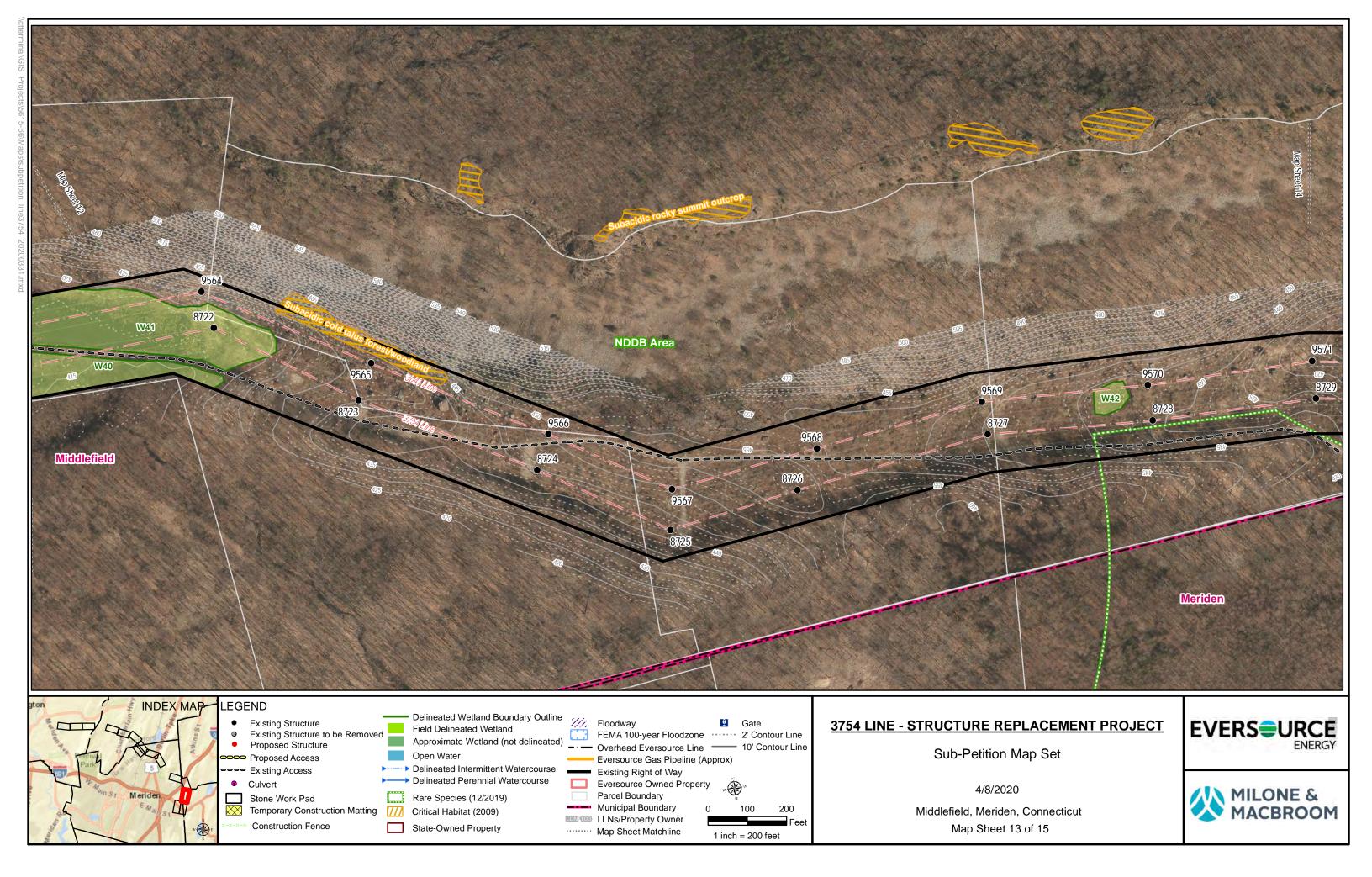


Mapsheet 12 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List

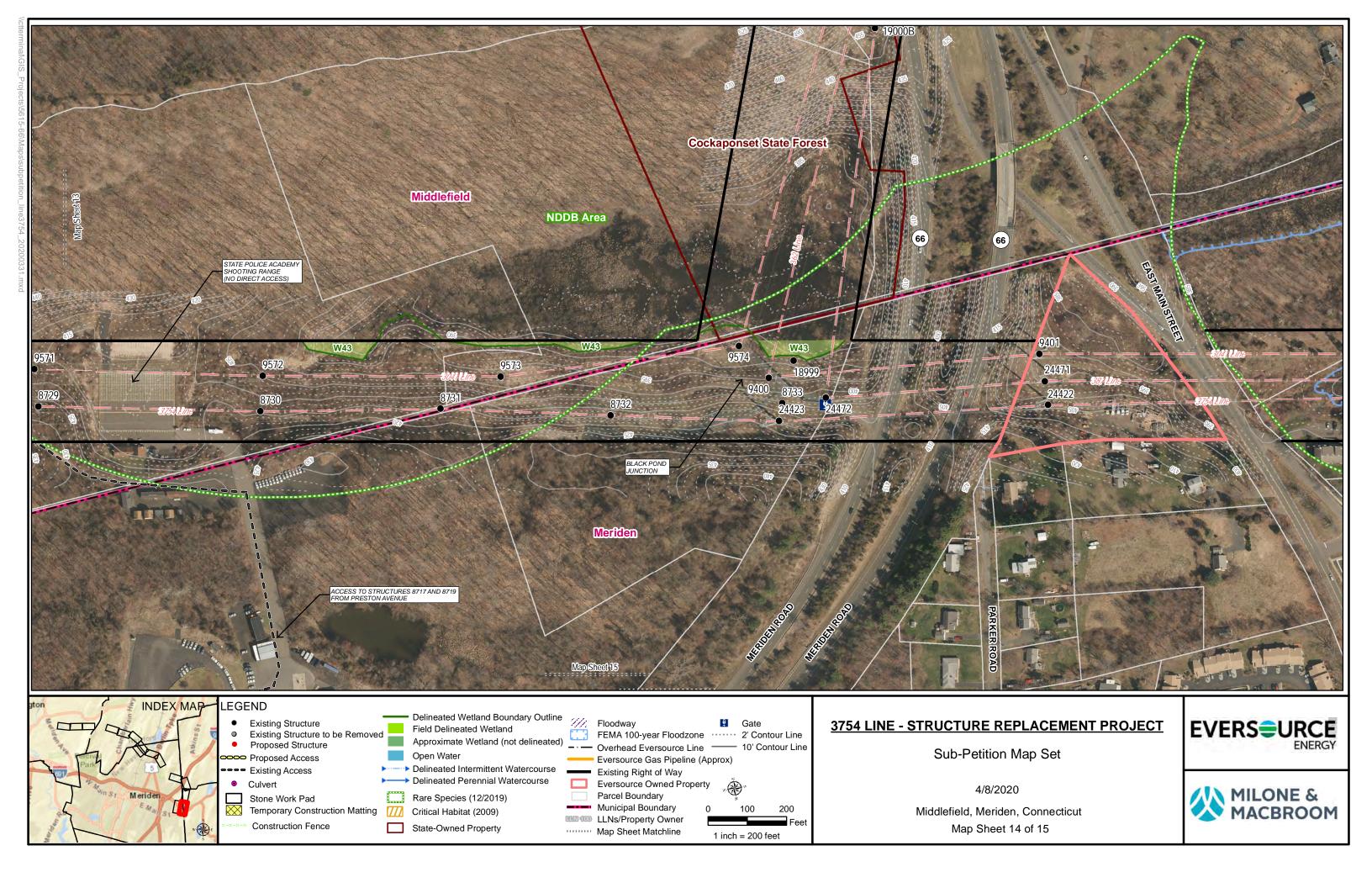
LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
120	YORK HILL TRAP ROCK		PRESTON AVE	MIDDLETOWN	CONNECTICUT
121	NATURE CONSERVANCY INC		PRESTON AVE	MIDDLETOWN	CONNECTICUT



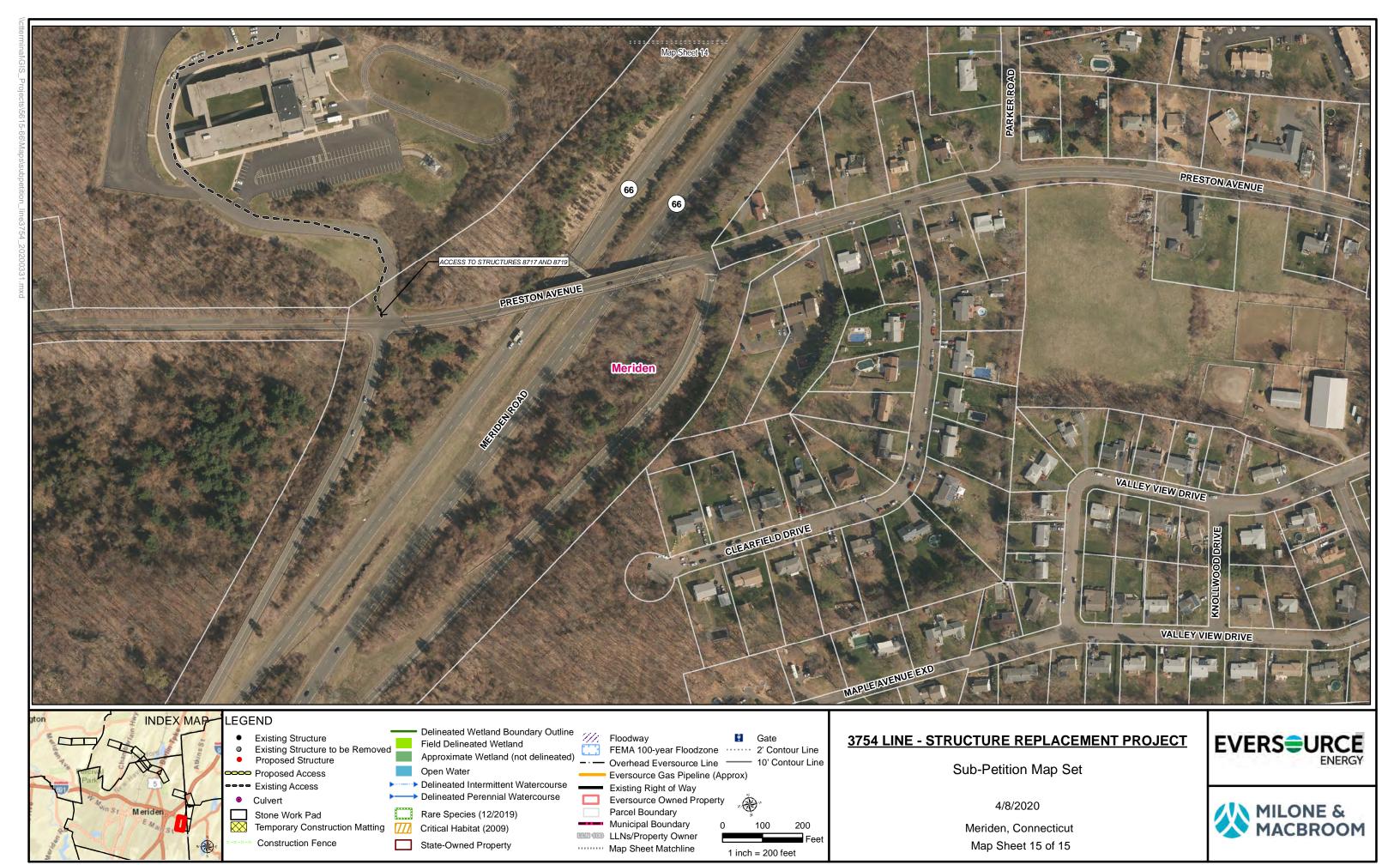
Mapsheet 13 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List



Mapsheet 14 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List



Mapsheet 15 of 15 3754 Line-Structure Replacement Project Sub-Petition Abutters List



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE



April 27, 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 Southington, Berlin, Meriden and Middletown. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-SBMM-01 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 siting.council@ct.gov. If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-SBMM-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,

Jared Kupiec

Jared Kupiec Eversource Project Manager – Transmission Projects

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT		
COUNTY OF HARTFORD) ss. Hartford)	
including a copy of the Sub-Pet Energy ("Eversource") to be se	r certify that on April 27, 20 tition No.1293-SBMM-01 of erved on the municipalities hat comments or concerns	Siting Council's ("Council") March 31, 2017 declaratory ruling 220, I caused notice of the proposed maintenance activities The Connecticut Light and Power Company dba Eversource listed below and 20 abutters. The notice of the proposed regarding the maintenance activities described in the Substitute of the date of such notice.
Municipal Officials:		
Town of Southington Mark J. Sciota, Town Manage 75 Main Street Southington, CT 06489	er	City of Meriden Kevin Scarpati, Mayor 142 East Main Street Meriden, CT 06450
Town of Berlin Arosha Jayawickrema, Town 240 Kensington Road Berlin, CT 06037	Manager	City of Middletown Benjamin Florsheim, Mayor 245 deKoven Drive Middletown, CT 06457
	James L. Sr Project Sitin	
On this the 27 James L. Smith, known to me instrument and acknowledged the	(or satisfactorily proven) to	me, the undersigned representative, personally appeared be the person whose name is subscribed to the foregoing the purposes therein contained.
In witness whereof, I her	reunto set my hand and offici	al seal.

Notary Public / My Commission expires

Officer of the Superior Court / Juris No. 4/3393