

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

Kathleen M. Shanley

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

February 4, 2019

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-BMMM-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Berlin, Meriden, Middlefield and Middletown, Connecticut. The work includes replacing 15 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Berlin, Meriden, Middlefield 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 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 <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: Berlin, Meriden, Middlefield and Middletown

Sub-Petition No. 1293-BMMM-01

Project: 3041 Transmission Line Structure Replacement Project

Structure Locations: 15 Transmission Structures located in Berlin, Meriden, Middlefield and

Middletown, 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 3041 Transmission Line Structure Replacement Project in Connecticut 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 3041 Line between Edgewood Road in Berlin and Bartholomew Road in Middletown. The 3041 Line in its entirety, is a 345-kV transmission line that extends from Southington Substation in Southington, to Scoville Rock Substation in Middletown. Of these replacements, 15 structures require a slight increase in structure height to comply with current clearance requirements. The 15 structures to be replaced are a mix of wood H-frame and monopole structures.

Eversource plans to conduct transmission structure replacement work to remediate structure damage caused by structure age, weather, and woodpecker activity. The following work ("Work Activities") will be performed:

 Replace 15 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 structures. 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) Work Activities would take place in areas within Eversource's property and 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 will be improved. Eversource can access the structure locations utilizing its existing rights but it is currently working with private landowners to obtain rights to utilize alternative off-ROW access routes that would minimize the amount of proposed temporary access roads that would need to be installed within the ROW. In some areas, alternative off-ROW access routes would lessen the impact to wetlands and/or residential/agricultural areas.
- b) Work Activities would result in approximately 4,723 square feet of temporary wetland impacts, limited to temporary construction matting required for constructing access roads to Structures 9523 and 30034.
 - 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 impact to nearby wetland and watercourse resources.
- c) No vernal pools are located in proximity to the Work Activities.
- d) As a result of Eversource's review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Data Base ("NDDB"), 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 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. 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 that any National or State Register of Historic Places properties/districts are located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs, and available soil profiles, three of the proposed work pad locations were identified to possess a potential for moderate to high archaeological sensitivity. These locations were evaluated in the field with a pedestrian survey by a representative from Heritage and confirmed to have a potential for moderate to high archaeological sensitivity. A Phase 1B cultural reconnaissance survey (shovel pit testing) was conducted at these locations and no physical evidence of archaeological significance was found. The project will have no effect on cultural resources and no protective measures are required. Therefore, no further cultural investigation is warranted, and no protective measures are required.

- g) Increased heights of the 15 replacement structures average approximately 6 feet and none will exceed 10 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) There are no 100-year flood zones in the Work Areas where the proposed Work Activities would be performed.
- j) No change in noise levels would result from the installation of the new structures and the line would continue to comply with the State of Connecticut noise regulations.
- k) Any changes in electric and magnetic field levels outside of 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, throughout the execution 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 streets.
- Upon completion of the Work Activities, all disturbed/exposed areas would be stabilized and revegetated. 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 may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used on temporary access roads 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 its ROW from existing access points on public roads as follows:

• Heritage Drive for structures 9522 and 9523 (off-ROW access from an alternative location on Heritage Drive would be used for structure 9523 if rights are obtained)

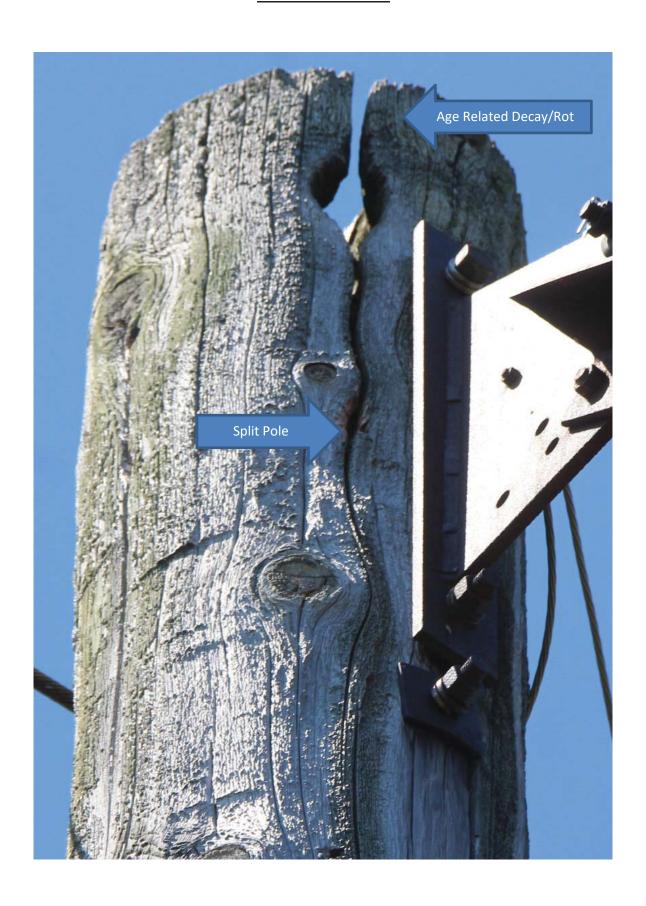
- Summit Wood Drive for structure 9526
- Berlin Turnpike for structures 9542 and 9543 (off-ROW access from Canyon Drive would be used if rights are obtained)
- Daffodil Lane for structure 9555
- Preston Avenue for structures 9566 and 9569
- Bailyville Road for structure 30058
- Jackson Hill Road for structure 30053
- Cherry Hill Road for structure 30034 (off-ROW access from Brookside Drive would be used if rights are obtained)
- Arbutus Street for structure 30018
- Chamberline Hill Road for structure 30006
- East Mount Road for structures 23019 and 23018

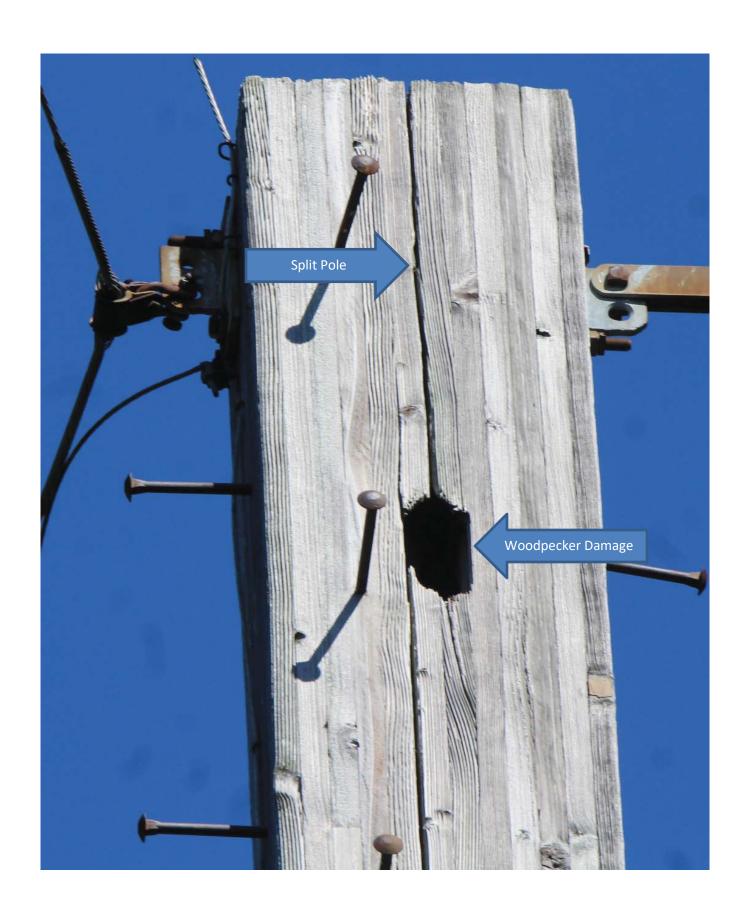
By:

Kathleen M. Shanley

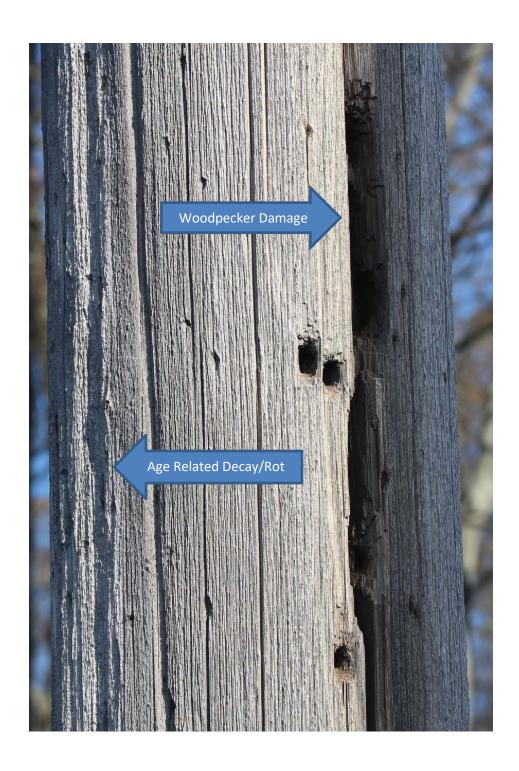
Manager - Transmission Siting

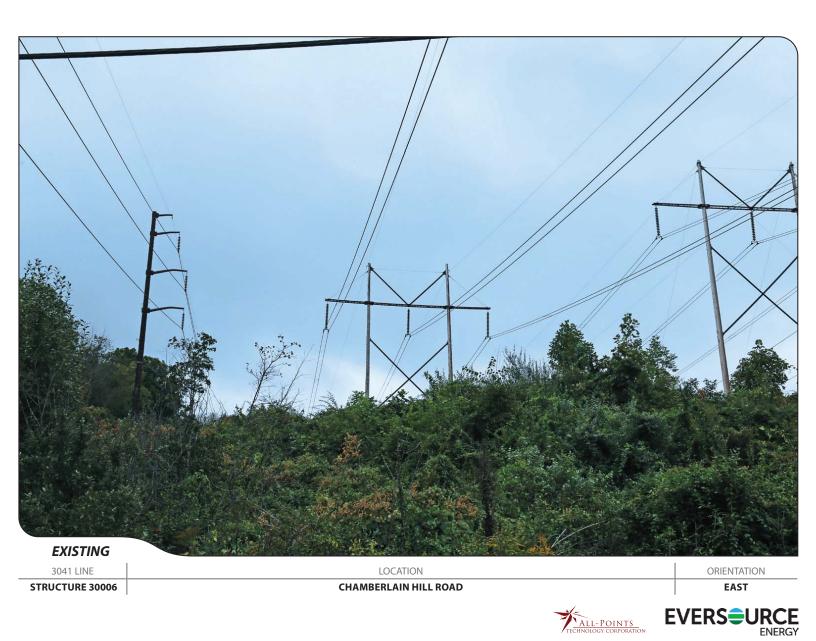
ATTACHMENT B PHOTOGRAPHS AND PHOTO SIMULATION





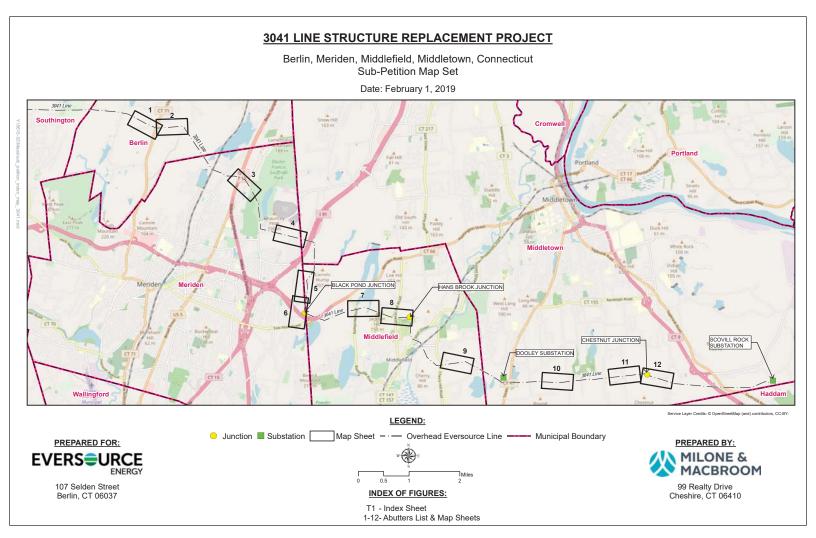








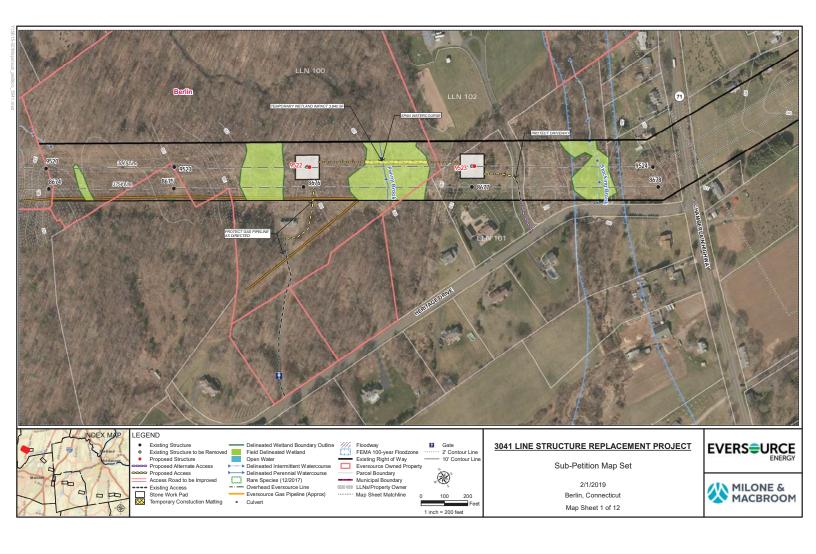
ATTACHMENT C MAPS



Mapsheet 1 of 12

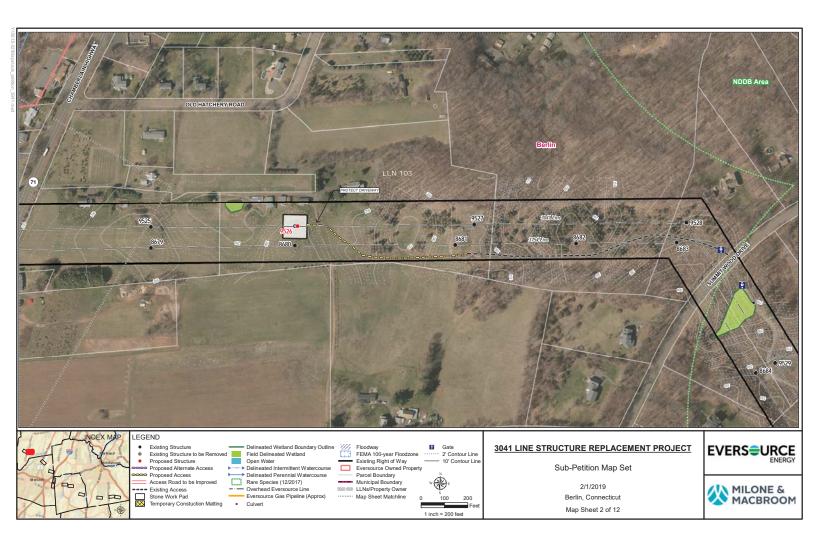
3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
100	YANKEE GAS SERVICES COMPANY		0 ORCHARD RD	BERLIN	CONNECTICUT
101	JOSEPH	INTURRI	84 HERITAGE DR	BERLIN	CONNECTICUT
102	CHRISTOPHER	COPPOLA	66 HERITAGE DR	BERLIN	CONNECTICUT



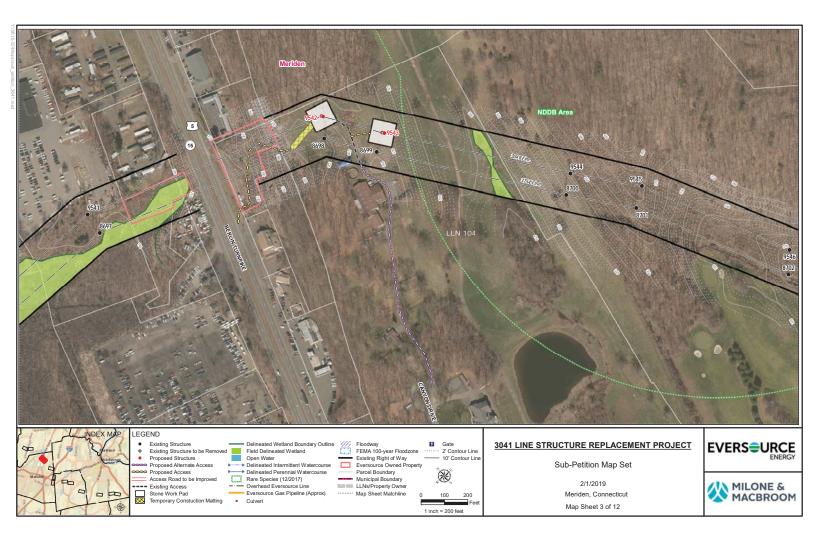
Mapsheet 2 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
103	JAMES	ROCHE	86 OLD HATCHERY RD	BERLIN	CONNECTICUT



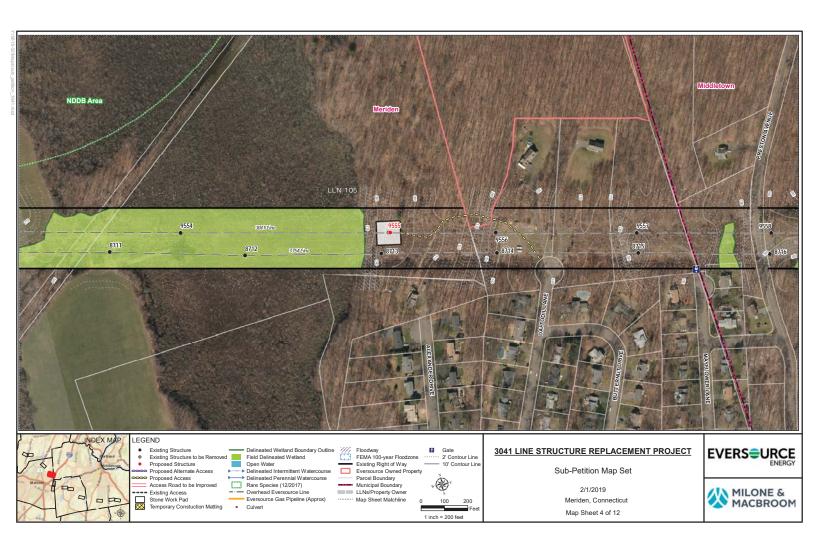
Mapsheet 3 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
104	MICHAFI	FIONDELLA	21 CANYON DR	MERIDEN	CONNECTICUT



Mapsheet 4 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

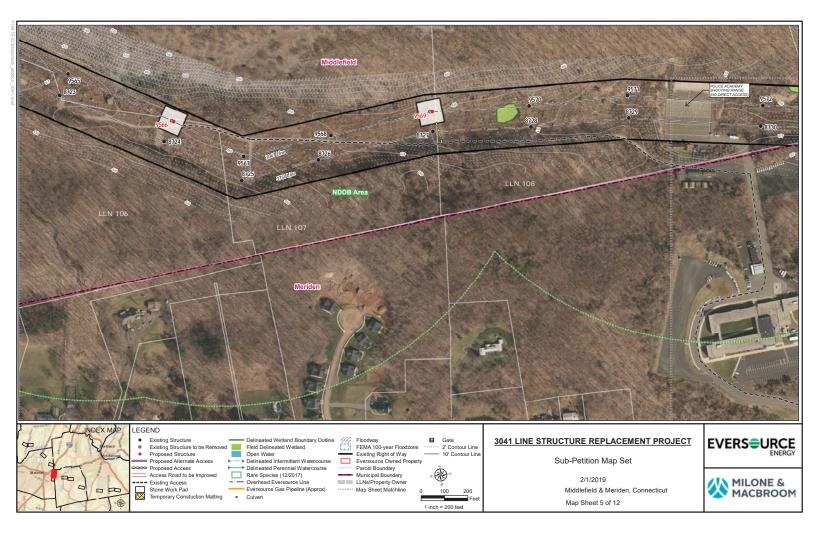
LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
105	FRANCIS	PERZANOWSKI	703 WESTEIFLD RD	MERIDEN	CONNECTICUT



Mapsheet 5 of 12

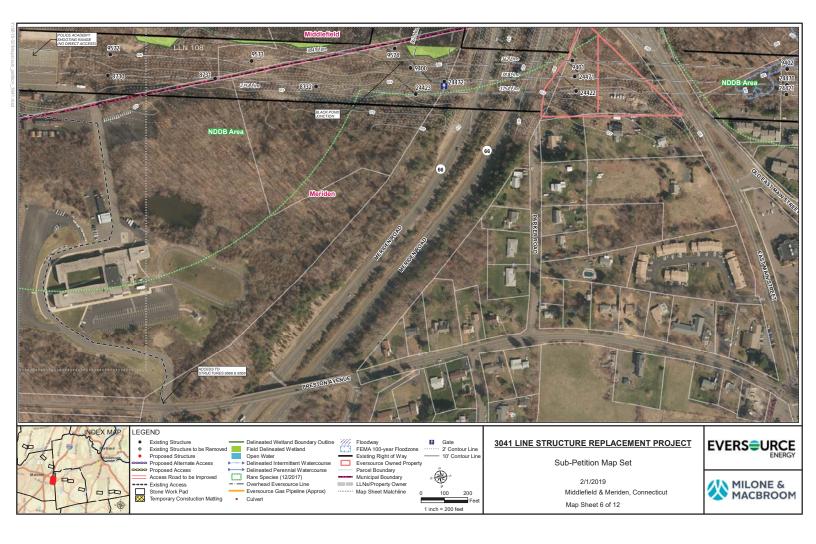
3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
106	NATURE CONSERVANCY OF CONN INC		MERIDEN RD & RTE 66	MIDDLEFIELD	CONNECTICUT
107	MIDDLETOWN CITY OF WATER DEPT		MERIDEN RD & RT 66	MERIDEN	CONNECTICUT
108	CONNECTICUT STATE OF		MERIDEN RD & RT 66	MIDDLEFIELD	CONNECTICUT



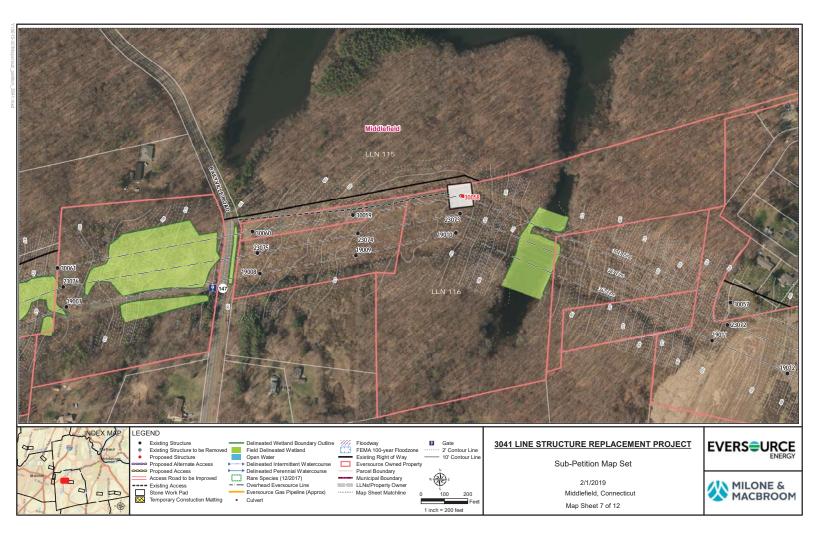
Mapsheet 6 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
108	CONNECTICUT STATE OF		MERIDEN RD & RT 66	MIDDLEFIELD	CONNECTICUT



Mapsheet 7 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

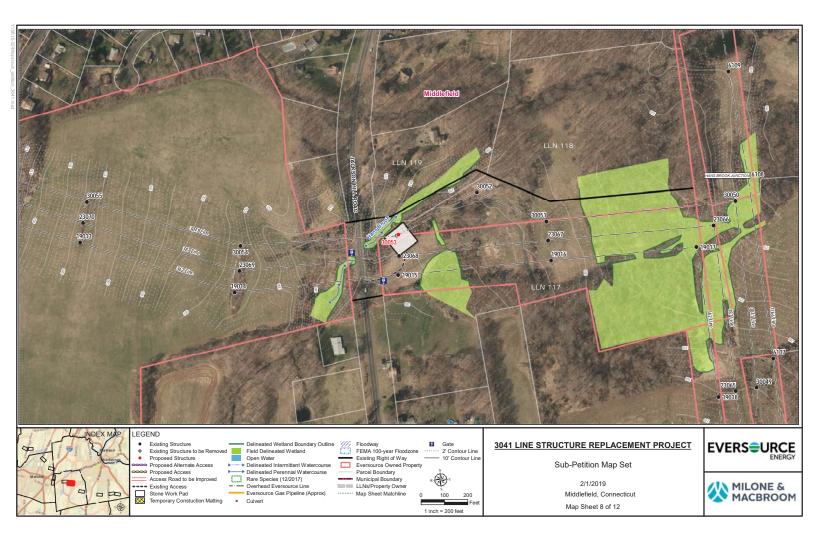
LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
115	MIDDLETOWN CITY OF WATER DEPT		420-458 BAILYVILLE RD	MIDDLEFIELD	CONNECTICUT
116	CONNECTICUT LIGHT & POWER		BAILYVILLE RD & RT 147	MIDDLEFIELD	CONNECTICUT



Mapsheet 8 of 12

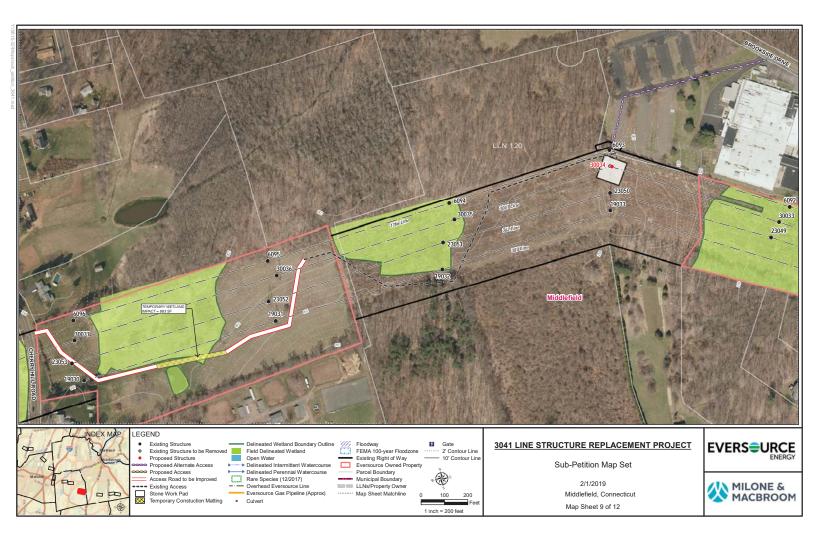
3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
117	CONN LIGHT POWER CO		0 JACKSON HILL RD	MIDDLEFIELD	CONNECTICUT
118	ELEANOR	POOLE	218 JACKSON HILL RD	MIDDLEFIELD	CONNECTICUT
119	NANCY & ALLAN	POOLE	220 JACKSON HILL RD	MIDDLEFIELD	CONNECTICUT



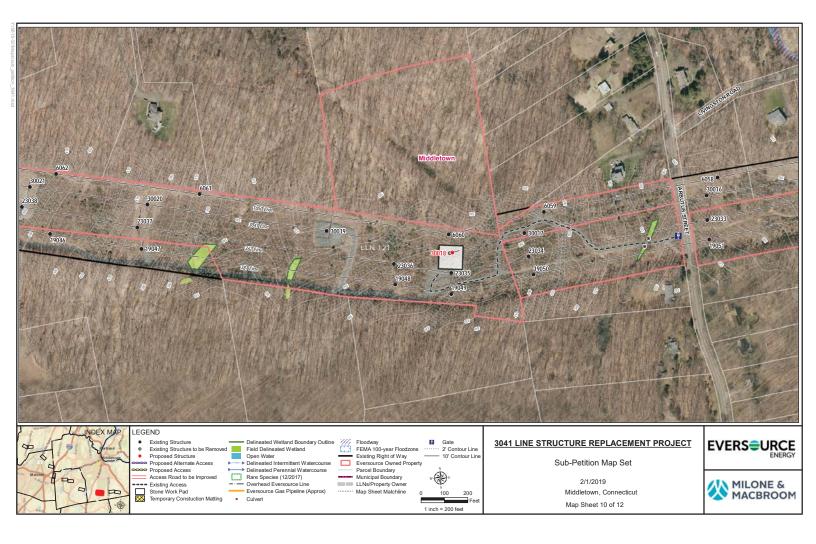
Mapsheet 9 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
120	ZYGO CORPORATION		BROOKSIDE DR	MIDDLEFIELD	CONNECTICUT



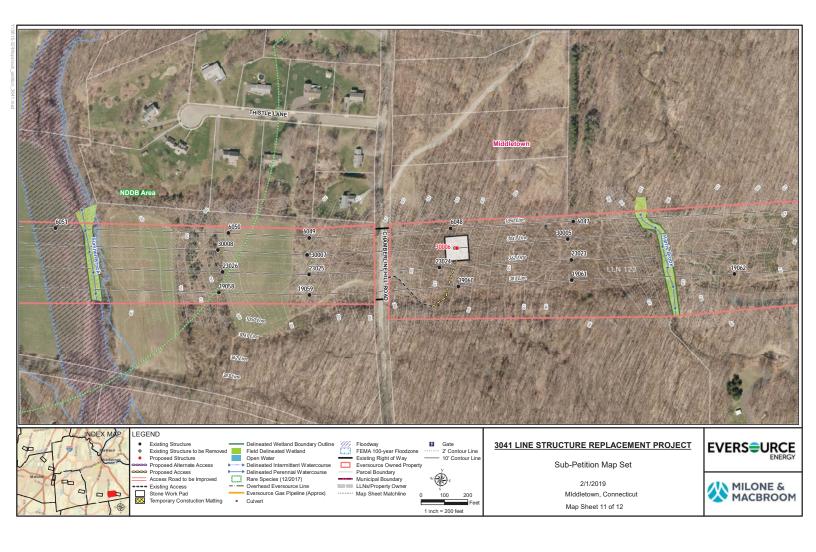
Mapsheet 10 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
121	CONN LIGHT POWER CO		0 ARBUTUS ST	MIDDLETOWN	CONNECTICUT



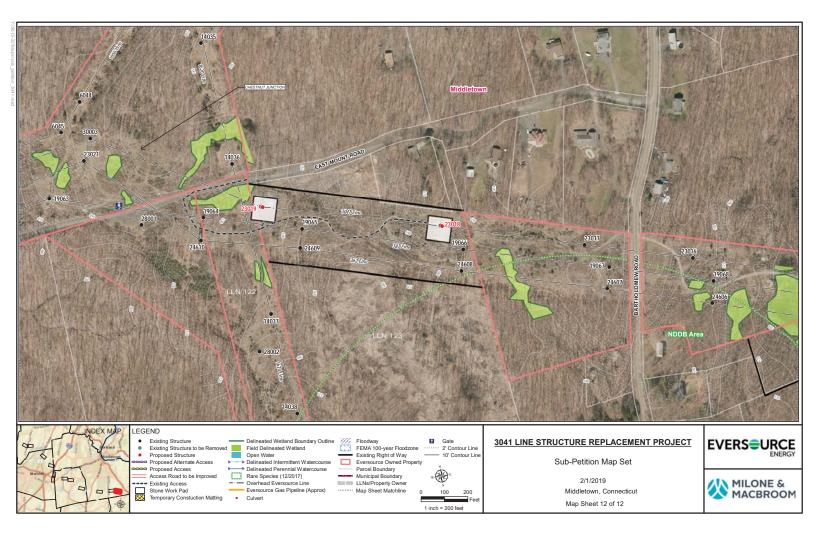
Mapsheet 11 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
122	CONN LIGHT POWER CO		BARTHOLOMEW RD	MIDDLETOWN	CONNECTICUT



Mapsheet 12 of 12 3041 Line-Structure Replacement Project Sub-Petition Abutters List

LINE LIST NO.	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL TOWN	PARCEL STATE
122	CONN LIGHT POWER CO		CHAMBERLAIN HILL RD	MIDDLETOWN	CONNECTICUT
123	MARK & MARIA	SEVERINO	EAST MOUNT RD	MIDDLETOWN	CONNECTICUT



ATTACHMENT D ABUTTER LETTER AND PROOF OF NOTICE



February 4, 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 Berlin, Meriden, Middlefield, or Middletown. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition 1293-BMMM-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 9 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 1293-BMMM-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 TransmissionInfo@eversource.com. Thank you.

Sincerely,

Jared Kupiec

Jared Kupiec Eversource Project Manager – Transmission Projects

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 February 04, 2019, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-BMMM-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 Berlin Jack Healy, Town Manager 240 Kensington Road Berlin, CT 06037

City of Meriden The Honorable Kevin Scarpati, Mayor 142 East Main Street Meriden, CT 06450 Town of Middlefield The Honorable Edward P. Bailey, First Selectman PO BOX 179 Middlefield, CT 06455

City of Middletown The Honorable Daniel Drew, Mayor 245 DeKoven Drive Middletown, CT 06457

James L. Smith
Project Siting Specialist

On this the ______ day of February, 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: 7/3/

LISA J. BUSH
NOTARY PUBLIC
MY COMMISSION EXPIRES JULY 31, 2023