



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

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

September 5, 2019

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-NE-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Newtown Connecticut. The work includes replacing 8 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipality of Newtown 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,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley".

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
EVERSOURCE ENERGY**

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

Town: Newtown

Sub-Petition No. 1293-NE-01

Project: 1043 Transmission Line Structure Replacement Project

Structure Locations: Eight Transmission Line Structures located in Newtown, 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 1043 Transmission Line Structure Replacement Project (the "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 1043 Line between Newtown Substation and Farmery Lane in Newtown, Connecticut. The 1043 Line, in its entirety, is a 115-kilovolt line that extends from Newtown Substation to Sandy Hook Substation in Newtown, Connecticut. Of these replacements, eight structures require a slight increase in structure height to comply with current clearance requirements. The eight structures to be replaced are a mix of wood H-frame and monopole structures.

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

- Replace eight 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) 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 the structure replacement locations utilizing its existing rights but, is currently working with a private landowner to obtain rights to utilize an alternative off-ROW access route that would minimize the amount of proposed temporary access roads that would need to be installed within the ROW.
- b) Work Activities would result in ±9,130 square feet ("SF") of temporary wetland impacts limited to temporary construction matting associated with the access road to Structure 1664 and the work pad for Structure 1656.

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 proposed Work Activities.
- d) As a result of Eversource's 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, 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 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, two 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 of Heritage. They confirmed that one of the two locations still had potential for moderate to high archaeological sensitivity. Heritage completed a Phase 1B cultural reconnaissance survey (shovel pit testing) at the location and found no physical evidence of archaeological significance, therefore, no further investigation is recommended or warranted.
- g) Increases in the heights of the eight replacement structures will average 5 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.
- j) No change in noise levels would result from 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. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment controls ("E&S") will be employed and maintained, 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 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.

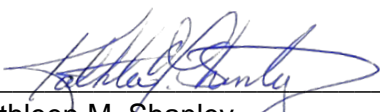
V. Access:

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. Temporary matting and any other protective measures 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:

- Simm Lane for structure 1668
- Mile Hill Road South for structure 1664
- Clearview Drive for structures 1656 and 1655 (off-ROW access from Mountain View Drive would be used if rights are obtained)
- Toddy Hill Road for structure 1651
- Great Ring Road for structures 1635, 1634 and 1633

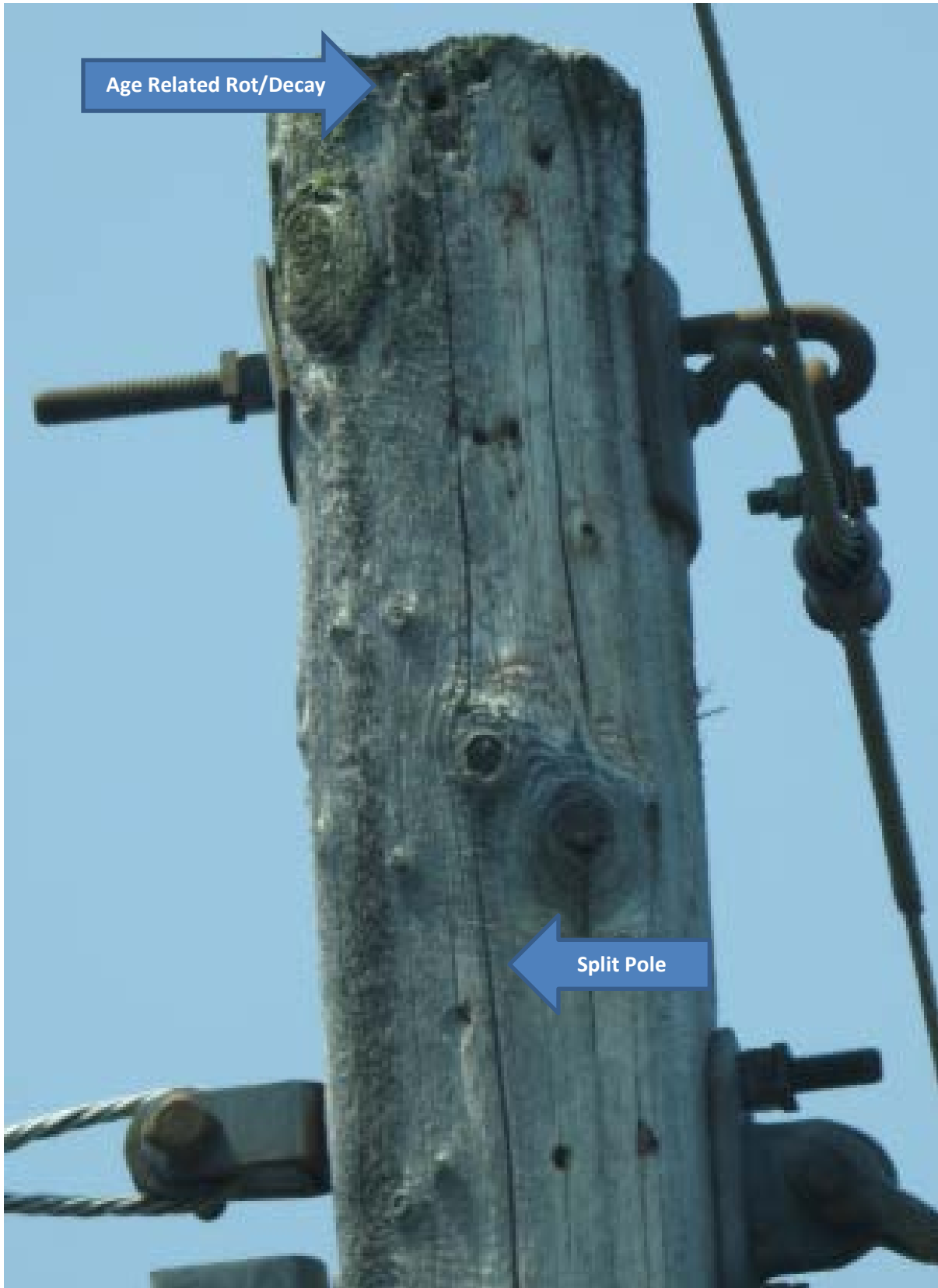
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

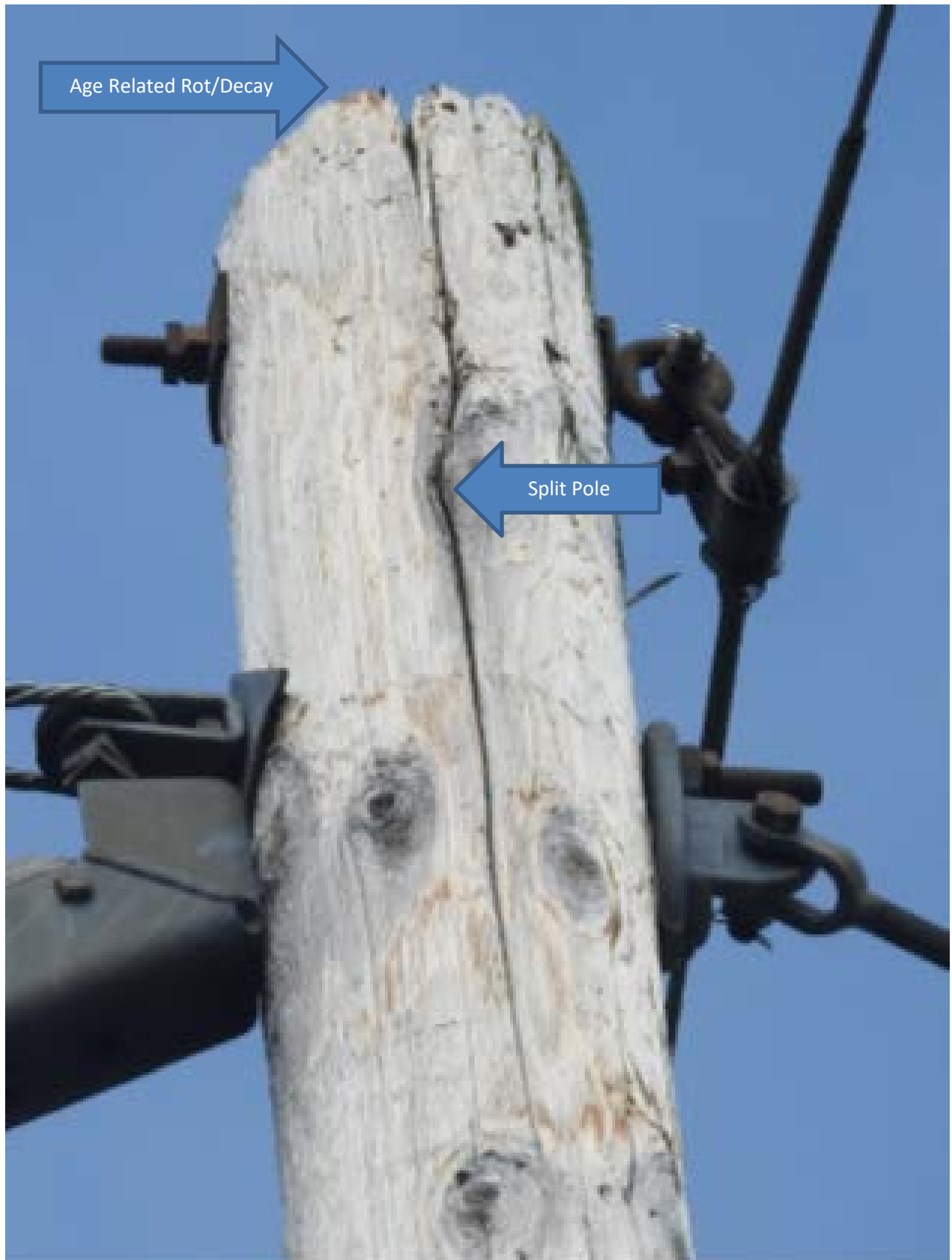
Structure #1634



Structure #1635



Structure #1651





EXISTING

1043 LINE

STRUCTURE 1651

LOCATION

**TODDY HILL ROAD, RIGHT-OF-WAY
NEWTOWN, CT**

ORIENTATION

WEST





PROPOSED

1043 LINE

STRUCTURE 1651

LOCATION

**TODDY HILL ROAD, RIGHT-OF-WAY
NEWTOWN, CT**

ORIENTATION

WEST



ATTACHMENT C

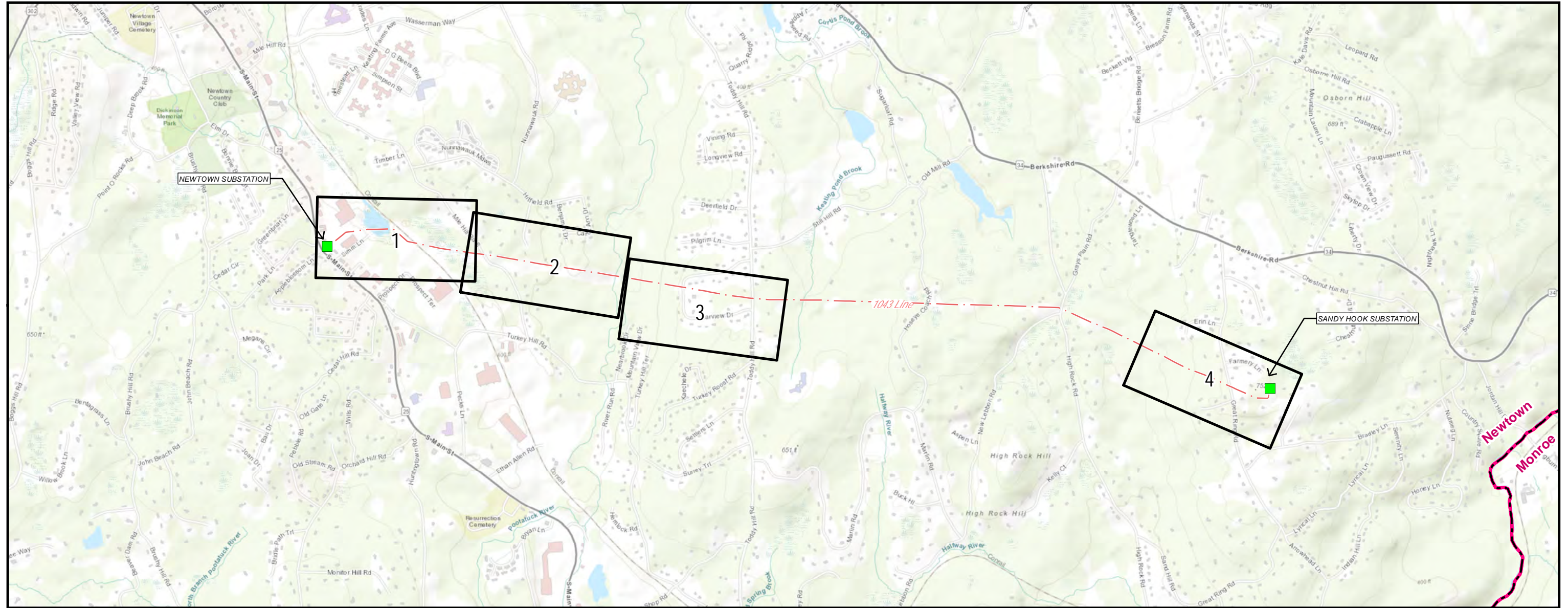
MAPS

1043 LINE - STRUCTURE REPLACEMENT PROJECT

Newtown, Connecticut SUB-PETITION MAP SET

Date: August 9, 2019

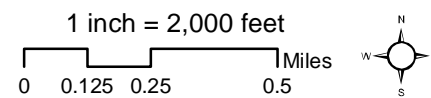
Y:\5615-58\MapIndexMap_subpetition.mxd



■ Substation
 Map Sheet
 - - - Overhead Eversource Line
 - - - Municipal Boundary

PREPARED FOR:
EVERSOURCE
 ENERGY

107 Selden Street
 Berlin, CT 06037



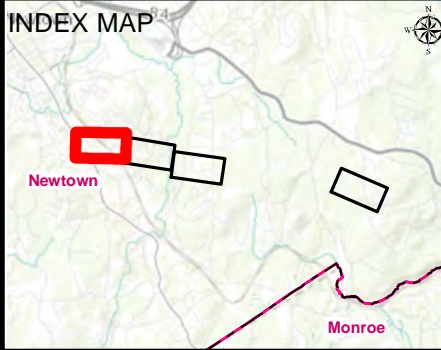
INDEX OF FIGURES:
 TITLE SHEET / INDEX MAP
 MAP SHEETS 1-4
 ABUTTER TABLES

PREPARED BY:
MILONE & MACBROOM

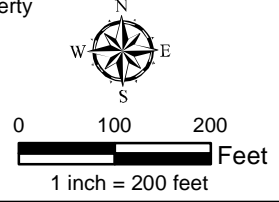
99 Realty Drive
 Cheshire, CT 06410

Mapsheet 1 of 4
1043 Line Structure Replacement Project
Sub-Petition Abutters List

LINE LIST #	OWNER NAME	PARCEL ADDRESS	TOWN	STATE
100	CONNECTICUT LIGHT & POWER CO	107 SOUTH MAIN STREET	NEWTOWN	CONNECTICUT
101	SIMM LANE LLC	3 SIMM LANE	NEWTOWN	CONNECTICUT
102	YOUNG FAMILY REALTY LLC	101 SOUTH MAIN STREET	NEWTOWN	CONNECTICUT
103	SAMONEWT LLC	50 MILE HILL ROAD SOUTH	NEWTOWN	CONNECTICUT



LEGEND			
● Existing Structure	— Delineated Wetland Boundary	▨ Floodway	■ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▨ FEMA 100-year Floodzone	⋯ 2' Contour Line
● Proposed Structure	■ Open Water	— Existing Right of Way	— 10' Contour Line
— Proposed Alternate Access	— Delineated Intermittent Watercourse	▨ Eversource Owned Property	
— Proposed Access	— Delineated Perennial Watercourse	— Parcel Boundary	
— Existing Access	■ Rare Species (12/2018)	— Municipal Boundary	
□ Stone Work Pad	— Overhead Eversource Line	▨ LLNs/Property Owner	
▨ Temporary Construction Matting	▨ State-Owned Property	⋯ Map Sheet Matchline	
— Access Road to be Improved	● Culvert	— Existing Stonewall	



1043 LINE STRUCTURE REPLACEMENT

Sub-Petition Map Set
 08/09/2019
 NEWTOWN, CONNECTICUT
 Map Sheet 1 of 4

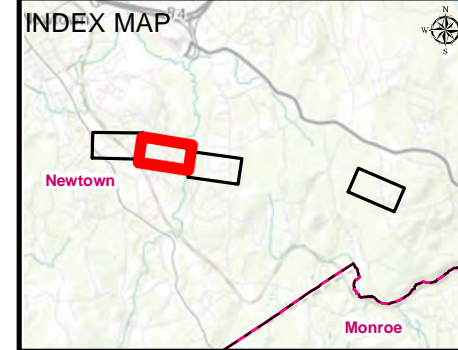


Mapsheet 2 of 4
1043 Line Structure Replacement Project
Sub-Petition Abutters List

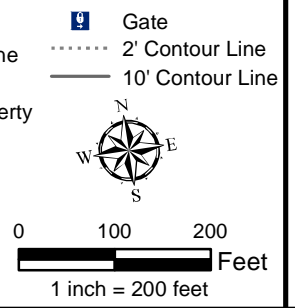
LINE LIST #	OWNER NAME	PARCEL ADDRESS	TOWN	STATE
103	SAMONEWT LLC	50 MILE HILL ROAD SOUTH	NEWTOWN	CONNECTICUT



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND			
● Existing Structure	— Delineated Wetland Boundary	▨ Floodway	⊠ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▨ FEMA 100-year Floodzone	⋯ 2' Contour Line
● Proposed Structure	■ Open Water	— Existing Right of Way	— 10' Contour Line
— Proposed Alternate Access	— Delineated Intermittent Watercourse	▨ Eversource Owned Property	
— Proposed Access	— Delineated Perennial Watercourse	▨ Parcel Boundary	
— Existing Access	■ Rare Species (12/2018)	— Municipal Boundary	
▭ Stone Work Pad	— Overhead Eversource Line	▨ LLNs/Property Owner	
▨ Temporary Construction Matting	▭ State-Owned Property	⋯ Map Sheet Matchline	
— Access Road to be Improved	● Culvert	— Existing Stonewall	



1043 LINE STRUCTURE REPLACEMENT

Sub-Petition Map Set
 08/09/2019
 NEWTOWN, CONNECTICUT
 Map Sheet 2 of 4

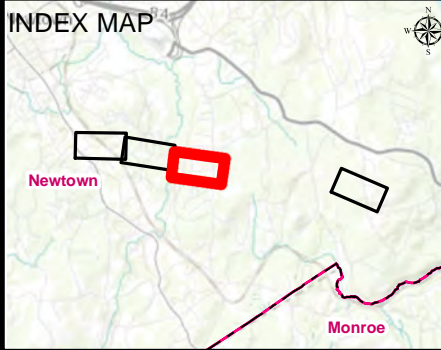


Mapsheet 3 of 4
1043 Line Structure Replacement Project
Sub-Petition Abutters List

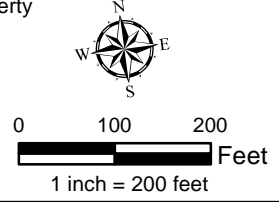
LINE LIST #	OWNER NAME	PARCEL ADDRESS	TOWN	STATE
104	POTATUCK LAND CO	100 MILE HILL ROAD	NEWTOWN	CONNECTICUT
105	NEWTOWN FOREST ASSOCIATION, INC.	16 CLEARVIEW DRIVE	NEWTOWN	CONNECTICUT
106	KELLY & DEAN LINDQUIST	18 CLEARVIEW DRIVE	NEWTOWN	CONNECTICUT
107	LANGNER TODDY HILL LLC	97 TODDY HILL ROAD	NEWTOWN	CONNECTICUT



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCo, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



LEGEND			
● Existing Structure	— Delineated Wetland Boundary	▨ Floodway	Ⓜ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▩ FEMA 100-year Floodzone	⋯ 2' Contour Line
● Proposed Structure	■ Open Water	— Existing Right of Way	— 10' Contour Line
— Proposed Alternate Access	— Delineated Intermittent Watercourse	▭ Eversource Owned Property	
— Proposed Access	— Delineated Perennial Watercourse	▭ Parcel Boundary	
— Existing Access	■ Rare Species (12/2018)	— Municipal Boundary	
▭ Stone Work Pad	— Overhead Eversource Line	▭ LLNs/Property Owner	
▨ Temporary Construction Matting	▭ State-Owned Property	⋯ Map Sheet Matchline	
— Access Road to be Improved	● Culvert	⋯ Existing Stonewall	



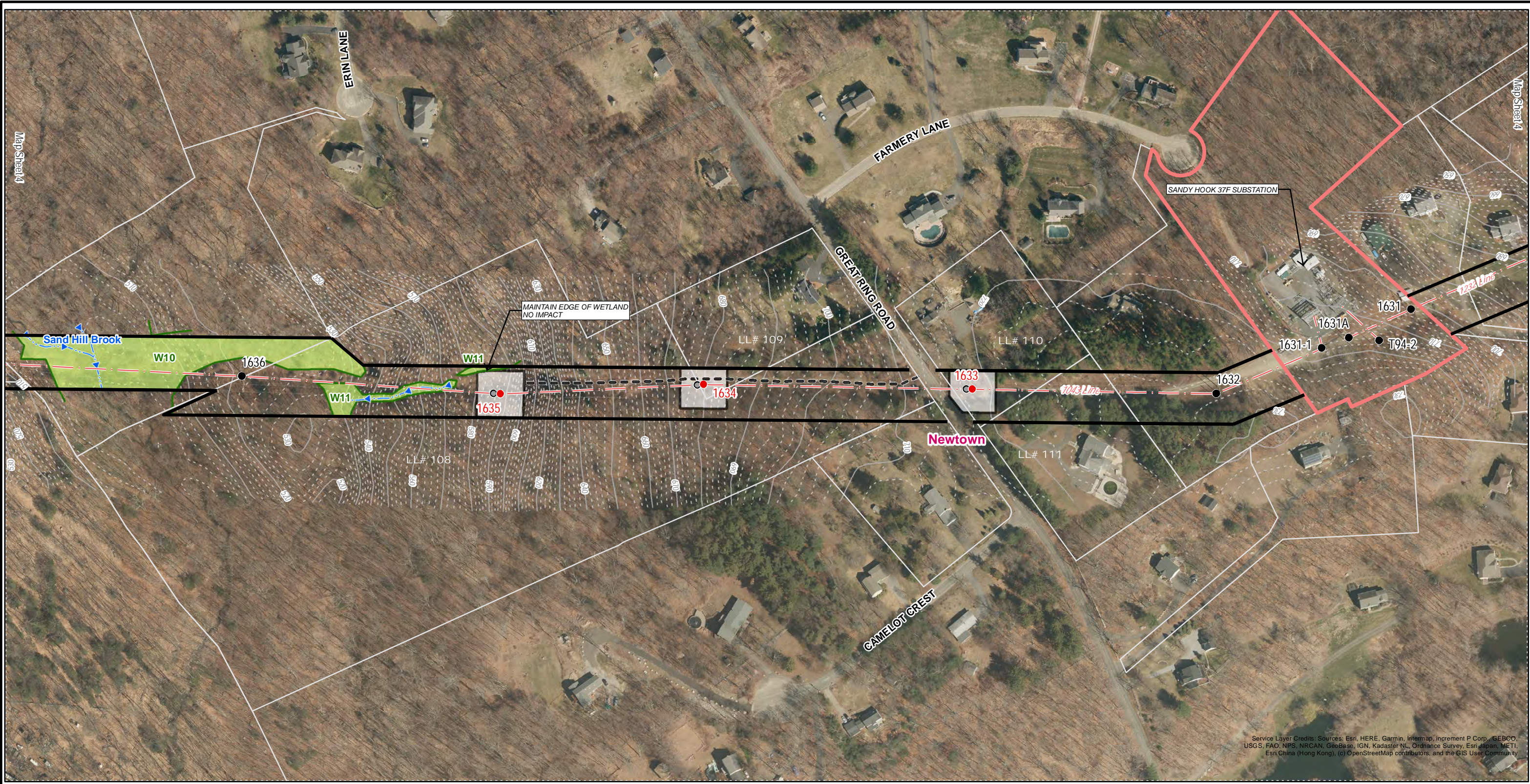
1043 LINE STRUCTURE REPLACEMENT

Sub-Petition Map Set
 08/06/2019
 NEWTOWN, CONNECTICUT
 Map Sheet 3 of 4

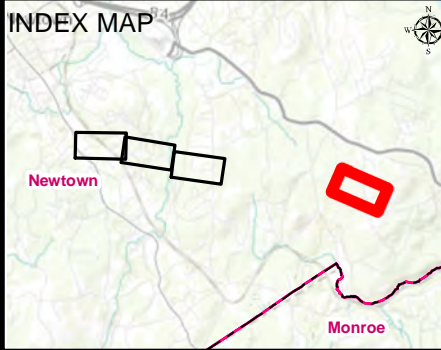


Mapsheet 4 of 4
1043 Line Structure Replacement Project
Sub-Petition Abutters List

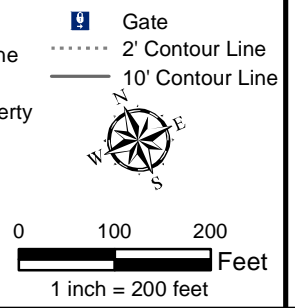
LINE LIST #	OWNER NAME	PARCEL ADDRESS	TOWN	STATE
108	MARK C BJORKEN	28 GREAT RING ROAD	NEWTOWN	CONNECTICUT
109	CATHY B HARMONAY	26 GREAT RING ROAD	NEWTOWN	CONNECTICUT
110	KRISTEN K MAWDSLEY	29 GREAT RING ROAD	NEWTOWN	CONNECTICUT
111	SANDRA L & GARY P DOSKI	33 GREAT RING ROAD	NEWTOWN	CONNECTICUT



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LEGEND			
● Existing Structure	— Delineated Wetland Boundary	▨ Floodway	⊠ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▩ FEMA 100-year Floodzone	⋯ 2' Contour Line
● Proposed Structure	■ Open Water	— Existing Right of Way	— 10' Contour Line
— Proposed Alternate Access	— Delineated Intermittent Watercourse	▭ Eversource Owned Property	
— Proposed Access	— Delineated Perennial Watercourse	▭ Parcel Boundary	
— Existing Access	■ Rare Species (12/2018)	— Municipal Boundary	
▭ Stone Work Pad	— Overhead Eversource Line	▭ LLNs/Property Owner	
▨ Temporary Construction Matting	▭ State-Owned Property	⋯ Map Sheet Matchline	
— Access Road to be Improved	● Culvert	— Existing Stonewall	



1043 LINE STRUCTURE REPLACEMENT

Sub-Petition Map Set
 08/09/2019
 NEWTOWN, CONNECTICUT
 Map Sheet 4 of 4



ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

September 5, 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 Newtown. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-NE-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 10 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-NE-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 **September 5, 2019**, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-NE-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 11 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 Newtown
Daniel Rosenthal, First Selectman
3 Primrose Street
Newtown, CT 06470



James L. Smith
Project Siting Specialist

On this the 5 day of September, 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: 9/30/2022

