



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

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

July 12, 2022

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

Re: Sub-Petition No. 1293-MO-02

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-MO-02 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Monroe, Connecticut. The work includes replacing four existing wood transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipality of Monroe of Eversource's submission of the Sub-Petition (see Proof of Notice) and sent copies of the Sub-Petition to owners of directly abutting properties (see Proof of Notice).

Enclosed please find an original and three (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
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

Town: Monroe
Sub-Petition: 1293-MO-02
Project: 1232 Transmission Line Structure Replacement Project

Structure Locations: Four Transmission Line Structures located in Monroe, 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 1232 Transmission Line Structure Replacement Project ("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, four structures, 1613, 1610, 1608, and 1605, require replacement on a portion of the 1232 Line in Monroe between Old Station House Road and a location just north of Roosevelt Drive (State Route 34). The 1232 Line in its entirety, is a 115-kilovolt ("kV") line that extends from Sandy Hook Substation in Newtown to Stevenson Substation in Monroe. Structures 1613 and 1610 are wood H-frame structures, Structure 1608 is a wood three-pole angle structure, and Structure 1605 is a wood single-pole angle structure. To comply with current clearance requirements, each replacement structure will need to be taller than the associated existing structure.

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

- Replace four existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing structure¹.

¹ Please note that the proposed Work Activities associated with Structure 1605 will be conducted in an area adjacent to the location of work activities completed in 2020 for the replacement of Structure 1606 under Sub-Petition 1293-NM-04. However, the proposed Work Activities at Structure 1605 will not overlap with the completed work activities at Structure 1606. Furthermore, impacts to the ROW associated with the replacement of Structure 1605 will be minimized with the use of an existing access road and a matted work pad.

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 property or 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) The Work Activities would not result in any impacts to wetlands or watercourses. Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, April 2022 ("BMPs") to avoid impacts to nearby wetland and watercourse resources.
- c) No vernal pools or vernal pool envelopes are located in proximity to the Work Areas.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDB"), no Work Areas are proposed within a NDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land. Therefore, the Work Areas would not be subject to an NDDB Review Request. Work would be conducted in accordance with Eversource's BMPs to avoid or minimize impact to terrestrial habitats that may support rare species. With these protective measures, no adverse impacts to state-listed rare species are anticipated.
- e) The Work Activities will not require any tree clearing. However, Eversource will need to undertake tree trimming and/or vegetation removal/mowing to establish required conductor clearance, to improve access roads, to install work pads and/or to install guy wires 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 located within 500 feet of the Work Areas. However, Heritage did identify one archeological site, Site 85-3, situated within 500 feet of a Work Area. Due to the use of temporary construction matting during construction Heritage concluded that the Work Activities are not anticipated to impact Site 85-3. Based on a review of historic maps, aerial photographs, and available soil profiles, three work pad locations and one access road location were identified to possess a potential for moderate to high archaeological sensitivity. However, these areas will be protected by the use of temporary construction matting during construction; therefore, Heritage advised that no further archaeological investigation is recommended.
- g) To comply with current conductor clearance requirements the height of the replacement structures will be increased. The existing structures range in height from 52 to 83.5 feet above ground level. The replacement structures will range in height from 65.5 to 101.5 feet above ground level. The height of Structures 1613, 1610 and 1608 would increase by 11 feet or less. The height of Structure 1605 would increase by 18 feet for an overall height of 101.5 feet.
- h) There are no 100-year flood zones in the Work Areas.
- i) No change in noise levels would result from the installation of the new structures and the applicable line would continue to comply with the State of Connecticut noise regulations.
- j) Any changes in electric and magnetic field levels outside the ROW would be negligible.

IV. Mitigation:

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 Eversource's 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 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. Access:

No new permanent access roads would be constructed to facilitate access to structures within the ROW. Portions of the existing access roads 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 sensitive and maintained 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 in Monroe as follows:

- Monroe Turnpike (State Route 111) for structure 1613
- Roosevelt Drive (State Route 34) for structures 1610, 1608 and 1605

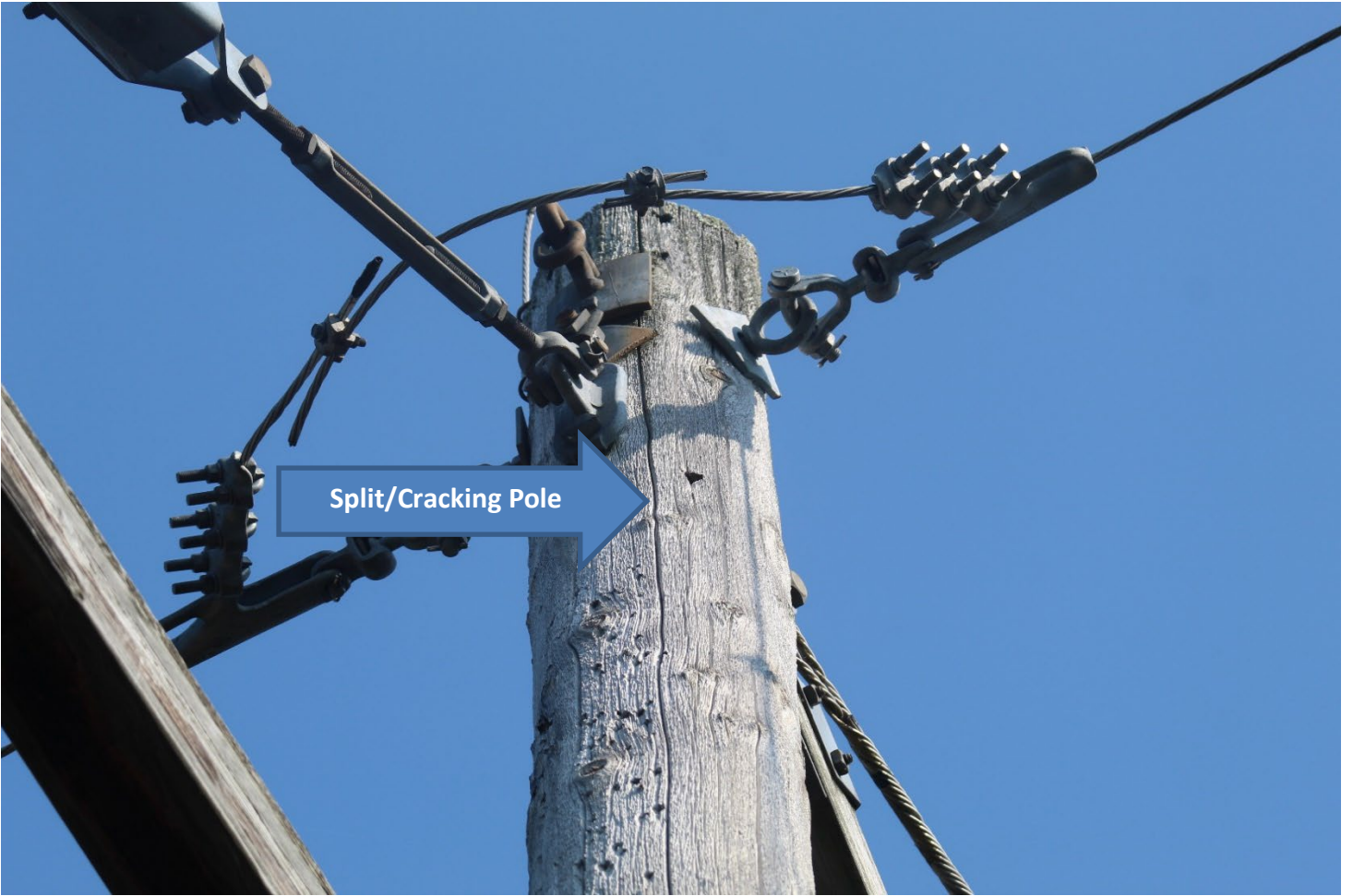
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS

Structure #1613



Structure #1610



Structure #1608



Structure #1605



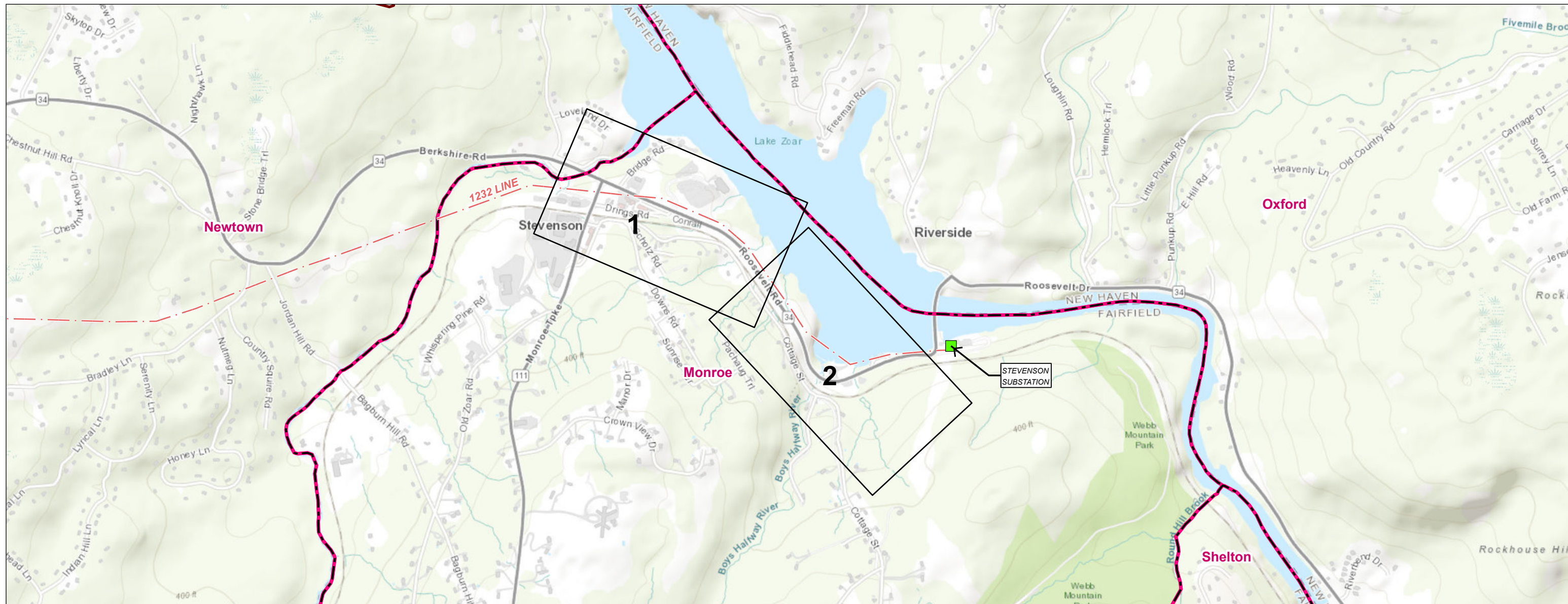
ATTACHMENT C

MAPS

1232 Line Structure Replacement Project

Sub-Petition Map Set
MONROE, CT

Date: June 30, 2022

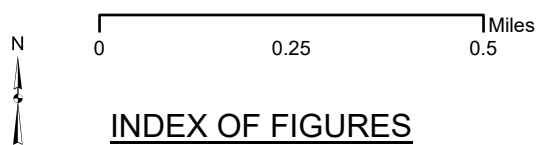


LEGEND

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

PREPARED FOR:
EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037



INDEX OF FIGURES
Title Sheet / Index Map
Map Sheets & Abutters Tables 1-2

PREPARED BY:



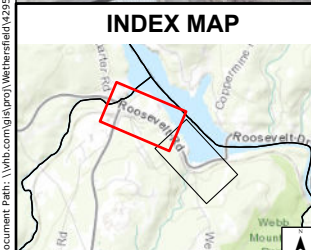
100 Great Meadow Road
Suite 200
Wethersfield, CT 06109

1232 Line - Structure Replacement Project
Map Sheet 01 Abutter's Table

| Abutter Number | Owner First Name | Owner Last Name | Parcel Address | Town | State |
|-----------------------|---------------------------------------|------------------------|-----------------------|-------------|--------------|
| 212-007 | FIRSTLIGHT CT HOUSATONIC LLC | | 18 ROOSEVELT DRIVE | MONROE | CT |
| 212-009 | THE CONNECTICUT LIGHT & POWER COMPANY | | 195 ROOSEVELT DRIVE | MONROE | CT |
| 212-011 | LAKE ZOAR PROPERTIES LLC | | 215 ROOSEVELT DRIVE | MONROE | CT |
| 212-017 | BRUCE | MONDO | 1615 MONROE TURNPIKE | MONROE | CT |



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| Legend | |
|------------------------------------|---|
| ● Existing Structure | — Watercourse (not delineated) |
| ○ Existing Structure to be Removed | — Delineated Intermittent Watercourse |
| ● Proposed Structure | — Delineated Wetland Boundary Outline |
| — Overhead Eversource Line | — Field Delineated Wetland |
| — Existing Right-of-Way (ROW) | — Temporary Construction Matting |
| — Existing Access | — Work Pad |
| | — FEMA 100-Year Flood Zone |
| | — FEMA Floodway |
| | — Natural Diversity Database Area (CTDEEP, December 2021) |
| | — Eversource Owned Property |
| | — Municipal Boundary |
| | — Parcel Boundary |
| | — Culvert |
| | — Gate |
| | — Railroad |
| | — Map Sheet Matchline |
| | — 2' Elevation Contour |
| | — 10' Index Contour |

EVERSOURCE ENERGY

1232 Line Structure Replacement Project

Date: June 30, 2022

Monroe, CT

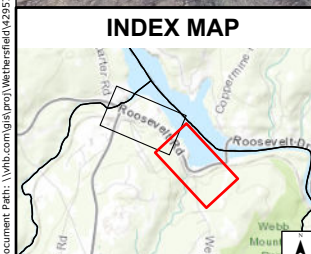
Map Sheet 1 of 2

1232 Line - Structure Replacement Project
Map Sheet 02 Abutter's Table

| Abutter Number | Owner First Name | Owner Last Name | Parcel Address | Town | State |
|----------------|------------------------------|-----------------|--------------------|--------|-------|
| 212-007 | FIRSTLIGHT CT HOUSATONIC LLC | | 18 ROOSEVELT DRIVE | MONROE | CT |



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| Legend | |
|------------------------------------|---|
| ● Existing Structure | Watercourse (not delineated) |
| ○ Existing Structure to be Removed | Delineated Intermittent Watercourse |
| ● Proposed Structure | Delineated Wetland Boundary Outline |
| --- Overhead Eversource Line | Field Delineated Wetland |
| - - - Existing Access | Temporary Construction Matting |
| | Work Pad |
| | FEMA 100-Year Flood Zone |
| | Natural Diversity Database Area (CTDEEP, December 2021) |
| | Eversource Owned Property |
| | Municipal Boundary |
| | Parcel Boundary |
| | Culvert |
| | Gate |
| | Railroad |
| | Map Sheet Matchline |
| | 2' Elevation Contour |
| | 10' Index Contour |

EVERSOURCE ENERGY

1232 Line Structure Replacement Project

Date: June 30, 2022

Monroe, CT

Map Sheet 2 of 2

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

July 12, 2022

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 Eversource right-of-way in Monroe. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-MO-02 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 four structures due to structure age, weather, woodpecker activity and/or clearance requirements. The new structures will be weathering steel, with a finish that "weathers" or darkens over time. The new structures will comply with current clearance requirements and 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, 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-MO-02 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,

Brendt Corcoran

Brendt Corcoran
Eversource Project Manager – Transmission Projects

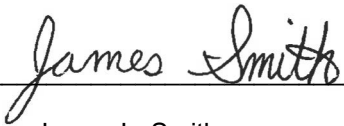
AFFIDAVIT OF SERVICE OF NOTICE

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 July 12, 2022, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-MO-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 2 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 Monroe
Kenneth M. Kellogg, First Selectman
7 Fan Hill Road
Monroe, CT 06468



James L. Smith
Project Siting Specialist

On this the 12 day of July 2022, 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.



Signature

Officer of the Superior Court / Juris No. 413393