



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

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

April 1, 2020

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

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

Dear Attorney Bachman:

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

Eversource notified the officials of the municipality of Somers 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". The signature is fluid and cursive, with a large loop at the end.

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 ELECTRIC  
SAFETY CODE CLEARANCE REQUIREMENTS

Town: Somers

Sub-Petition 1293-SO-02

Project: 1394/1976 Transmission Line Structure Replacement Project

Structure Locations: Seven Transmission Line Structures located in Somers, 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 1394/1976 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 1394/1976 Line where the lines are constructed as a double circuit line between Scitico Junction and Durkee Road, both located in Somers, Connecticut. The 1394 Line, in its entirety, is a 115-kilovolt ("115-kV") line that extends from Scitico Substation in Enfield, Connecticut to Franconia Substation in Longmeadow, Massachusetts. The 1976 Line in its entirety, is a 115-kV line that extends from Scitico Substation to West Hampden Substation in Hampden, Massachusetts. Of the structures that will be replaced, seven structures require a slight increase in structure height to comply with current clearance requirements. These seven structures to be replaced are wood 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 seven 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 structure. 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 within Eversource's existing 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 each of the structure replacement locations utilizing its existing rights; but, it is currently working with a private landowner to obtain rights to utilize an alternative off-ROW access route that would lessen temporary impact to wetlands.
- b) Collectively, utilizing existing and proposed access roads where rights are in place, the Work Activities would result in approximately 36,715 square feet ("SF") of temporary wetland impacts from the use of temporary matting required for access and work pads for seven structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W9	7915A, 7915	±5,925	0
W10	7913A, 7913	0	±130
W13	7904A, 7904	±12,045	±2,085
W13	7902	±16,530	0
<i>Subtotals:</i>		<i>±34,500</i>	<i>±2,215</i>
<b>TOTAL:</b>		<b>±36,715</b>	

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 the work pads for Structures 7915A, 7915 and 7902, and the work pads and access for Structures 7904A and 7904, 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, two proposed work pad locations and one proposed access road location were identified to possess a potential for moderate to high archaeological sensitivity. Based on the results of a pedestrian survey, one of the work pad locations retained the initial archaeological sensitivity assessment of moderate to high and a Phase 1B cultural resources survey (shovel pit testing) was recommended. Heritage completed a Phase 1B survey at this location and found no physical evidence of archaeological significance; therefore, Heritage advised that no further examination is recommended or warranted.

- g) Increases in the heights of the seven replacement structures will average approximately 5 feet and none will exceed 9 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) Work Activities associated with Structures 7915A and 7915 are located partially within the mapped 100-year flood zone associated with Gulf Stream. Work activities associated with Structures 7913A, 7913 and 7902 are partially located within the mapped 100-year flood zone associated with the Scantic River. Work Activities associated with Structures 7904A, 7904 and 7902 are located entirely within the floodway associated with the Scantic River. 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.
- j) 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.
- 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, 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:

Somers

- Main Street for Structures 7915A, 7915, 7913A and 7913
- Four Bridges Road for Structures 7904A and 7904
- Durkee Road for Structure 7902

By:

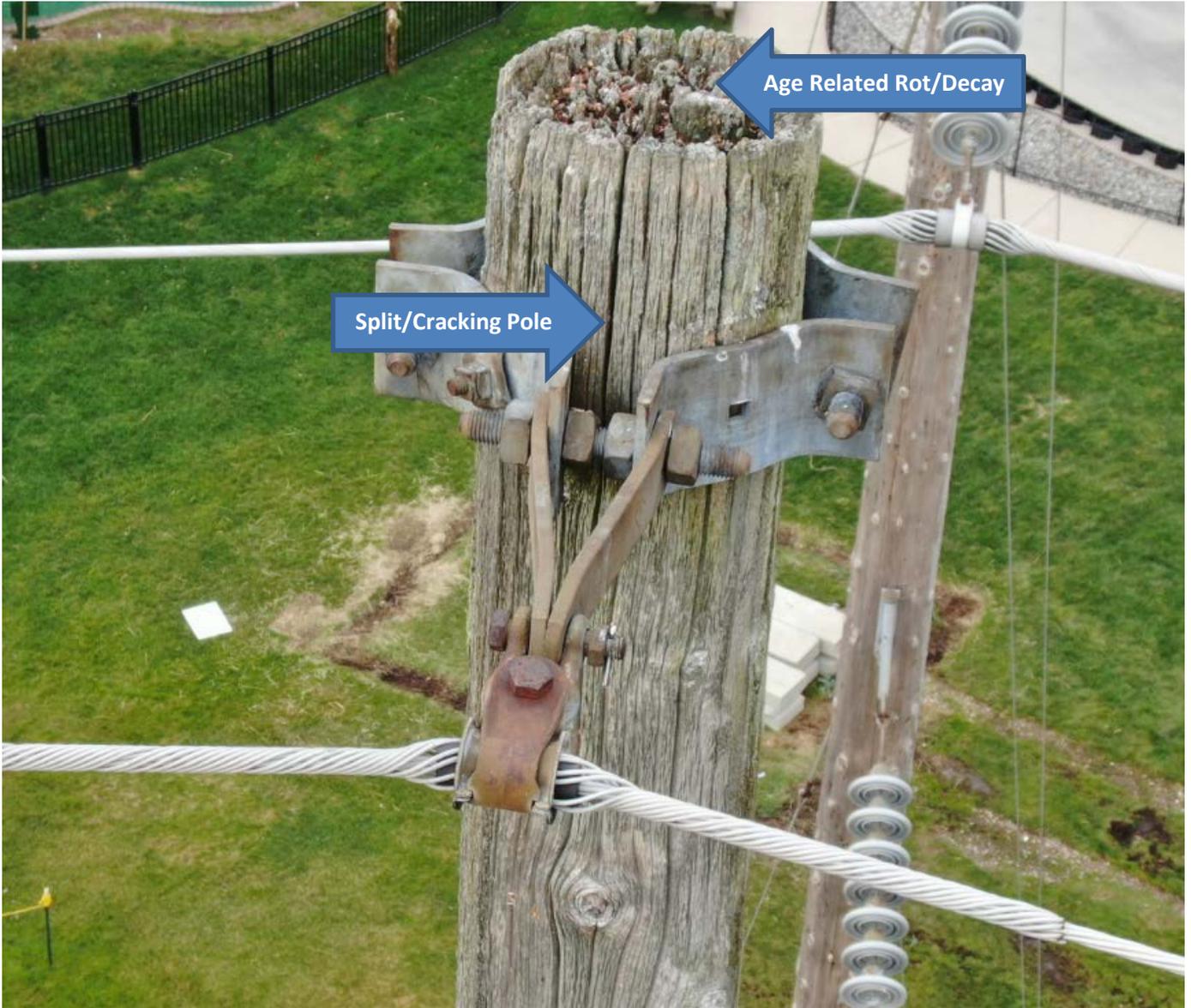
  
\_\_\_\_\_  
Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS**

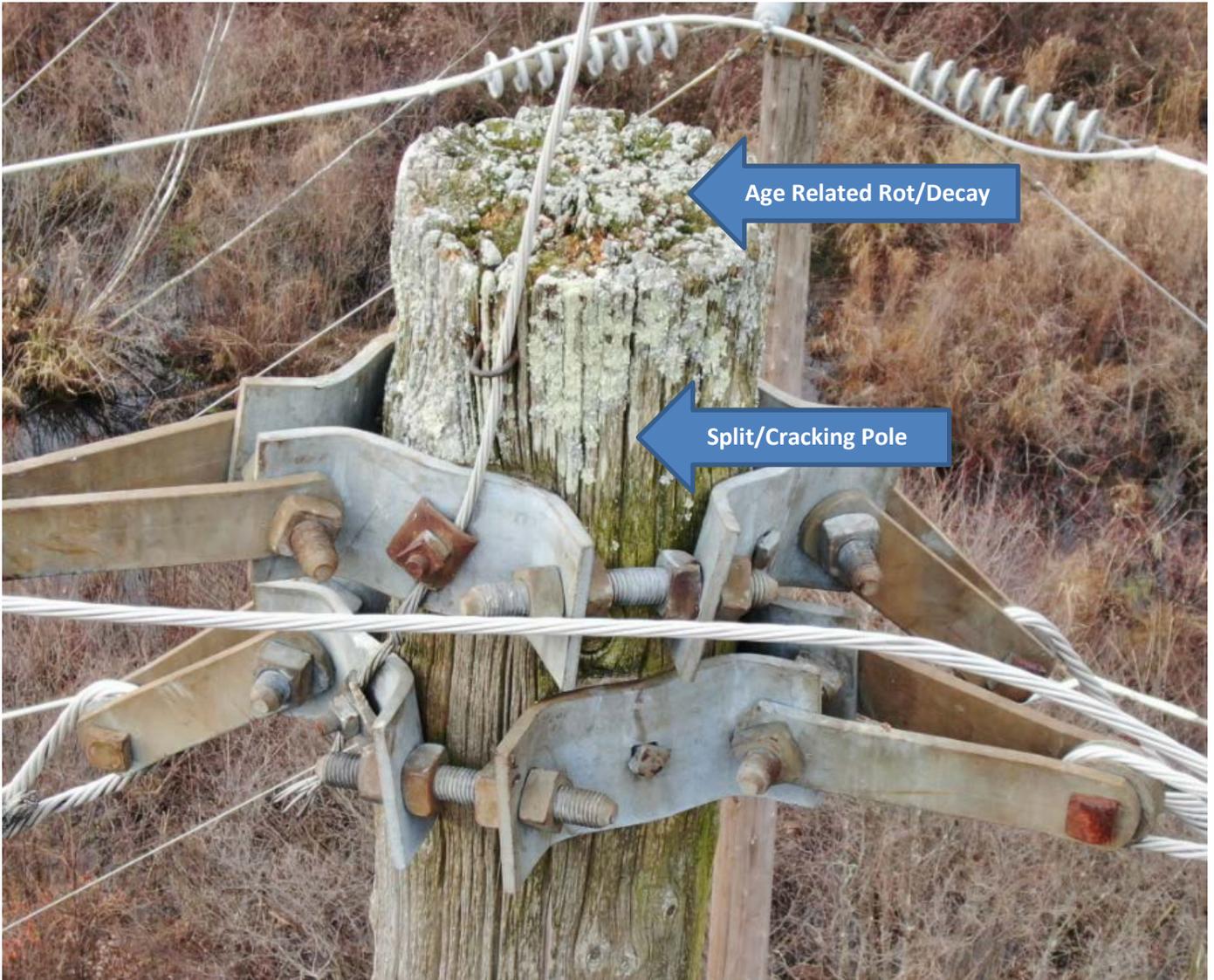
Structure #7915



Structure #7913



Structure #7902

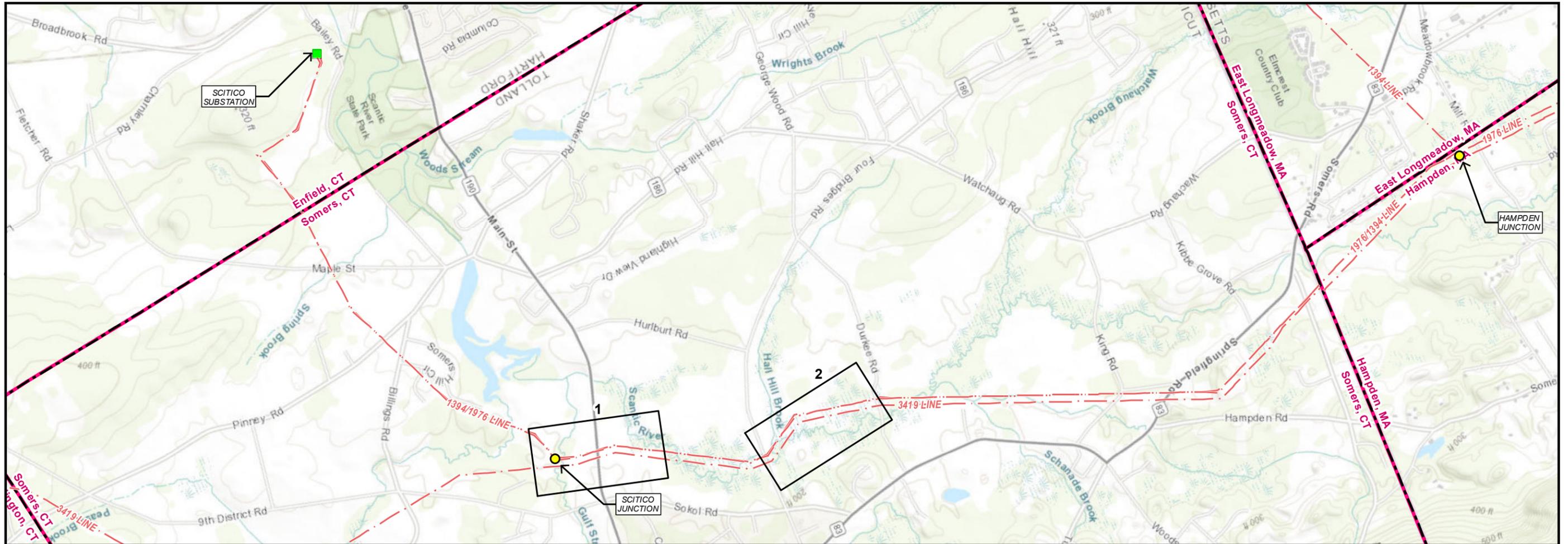


**ATTACHMENT C**

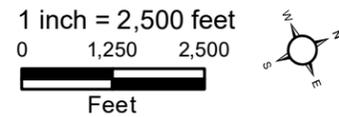
**MAPS**

# 1394/1976 LINE - STRUCTURE REPLACEMENT PROJECT

Somers, CT  
Sub-Petition Map Set  
Date: March 12, 2020



● Junction    ■ Substation    □ Map Sheet    - - - Overhead Eversource Line



PREPARED FOR:

**EVERSOURCE**

107 Selden Street  
Berlin, CT 06037

INDEX OF FIGURES

TITLE SHEET / INDEX MAP  
MAP SHEETS 1 - 2  
ABUTTER TABLES

PREPARED BY:

**BSC GROUP**

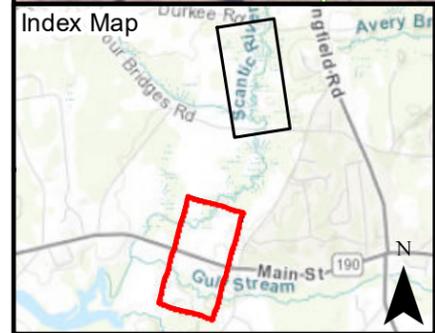
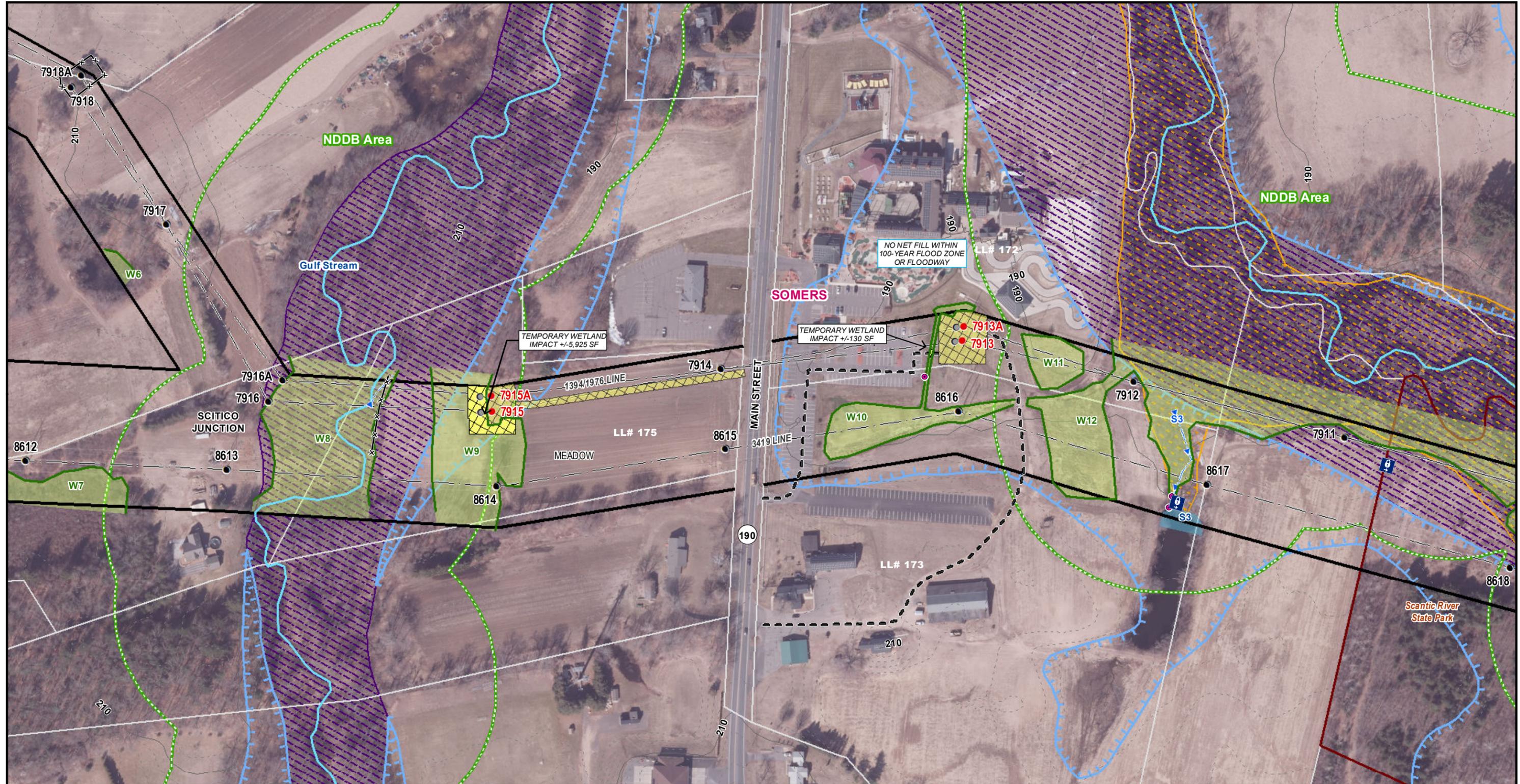
33 Waldo Street  
Worcester, MA 01608

# 1394/1976 Line Structure Replacement Project

## Abutters List

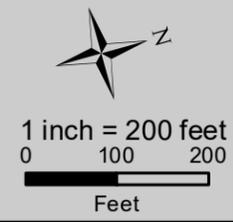
### Map Sheet 1 of 2

Line List	Owner Name	Parcel Address	Town	State
172	DRIVING RANGE 349 MAIN STREET LLC	349 MAIN ST	SOMERS	CT
173	DRIVING RANGE 349 MAIN STREET LLC	379 MAIN ST	SOMERS	CT
175	DRIVING RANGE 349 MAIN STREET LLC	368 MAIN ST	SOMERS	CT



**Legend**

● Existing Structure	▶ Delineated Intermittent Watercourse	■ Eversource Owned Property
○ Existing Structure to be Removed	— Delineated Wetland Boundary	■ Municipal Boundary
● Proposed Structure	■ Field Delineated Wetland	LL# 100 Line List Number/Property Owner
— Existing Access	■ Open Water	— 10' Contour Line
— Proposed Access	■ NDDB Area December 2019	— 2' Contour Line
— Proposed Alternate Access	■ Critical Habitat	■ Gate
■ Stone Work Pad	■ Floodway	● Culvert
■ Temporary Construction Matting	■ FEMA 100yr Flood Zone	— Fence
— Watercourse (not delineated)	— Existing Right-of-Way (ROW)	



**1394/1976 LINE  
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set  
 March 12, 2020**

Somers, CT  
 Page 1 of 2

Source:  
 BSC Group, Inc.; Field Delineated Data  
 CT DEEP; Basemap & Environmental Data  
 Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,  
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,  
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,  
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,  
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,  
 ESRI China (Hong Kong), swisstopo, & the GIS User  
 Community

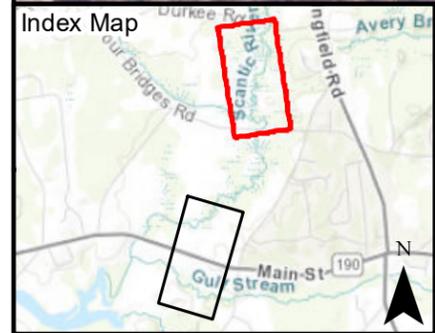
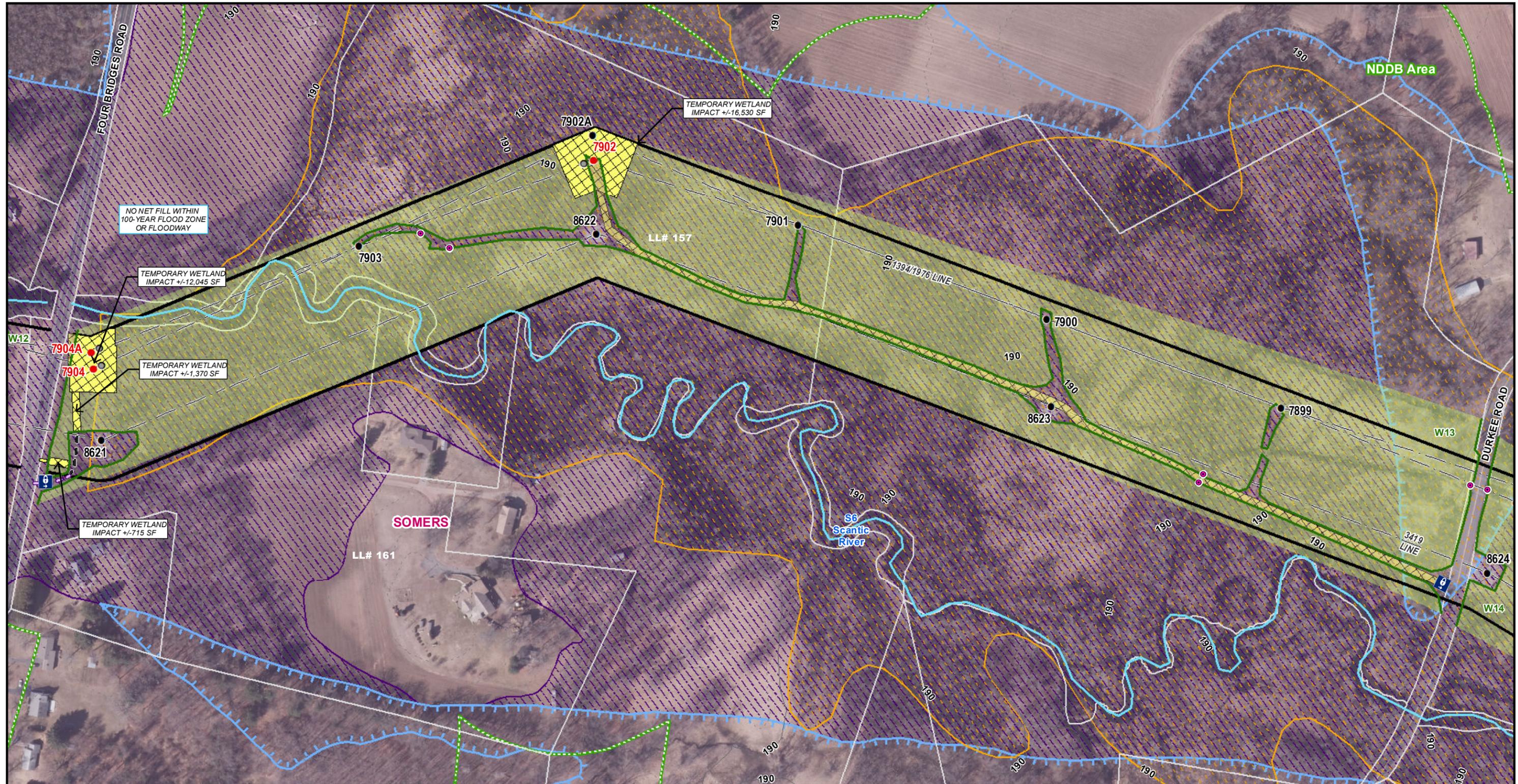
**EVERSOURCE**  
 BSC GROUP

# 1394/1976 Line Structure Replacement Project

## Abutters List

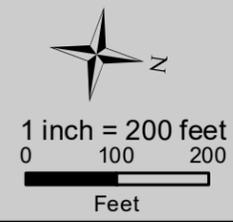
### Map Sheet 2 of 2

Line List	Owner Name	Parcel Address	Town	State
157	NORTHERN CONNECTICUT LAND TRUST, INC.	79 DURKEE RD	SOMERS	CT
161	SMYTH ROBERT J	104A FOUR BRIDGES RD	SOMERS	CT



**Legend**

● Existing Structure	— Delineated Intermittent Watercourse	■ Eversource Owned Property
○ Existing Structure to be Removed	— Delineated Wetland Boundary	■ Municipal Boundary
● Proposed Structure	■ Field Delineated Wetland	LL# 100 Line List Number/Property Owner
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**1394/1976 LINE  
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set  
 March 12, 2020**

Somers, CT  
 Page 2 of 2

Source:  
 BSC Group, Inc.; Field Delineated Data  
 CT DEEP; Basemap & Environmental Data  
 Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,  
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,  
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,  
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,  
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,  
 ESRI China (Hong Kong), swisstopo, & the GIS User  
 Community

**ATTACHMENT D**  
**ABUTTER LETTER AND**  
**PROOF OF NOTICE**

March 31, 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 Somers. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-SO-02 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.

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, Acting Executive Director; Connecticut Siting Council; Ten Franklin Square; New Britain, CT 06051. You may also email them to the [siting.council@ct.gov](mailto:siting.council@ct.gov). If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-SO-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](mailto:ProjectInfo@eversource.com). Thank you.

Sincerely,

*John Tierney*

John Tierney  
Eversource Project Manager – Transmission Projects

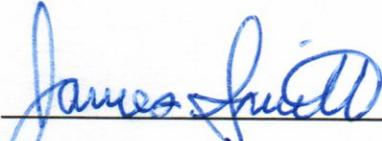
AFFIDAVIT OF SERVICE OF NOTICE

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 March 31 2020, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-SO-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 5 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 Somers  
C.G. Knorr, Jr., First Selectman  
600 Main Street  
Somers, CT 06071

  
\_\_\_\_\_  
James L. Smith  
Project Siting Specialist

On this the 31st day of March 2020, 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~~ / Officer of the Superior Court  
My Commission expires:  
Juris No. 413393