



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

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

April 12, 2021

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

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

Dear Attorney Bachman:

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

Eversource notified the officials of the municipalities of Brookfield and Southbury 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).

Per the Council's instructions in response to COVID-19, Eversource is submitting this filing electronically and will be providing one hard copy for the Council's records. Eversource further understands that the Council will invoice the Company for the requisite \$625 filing fee.

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 ELECTRICAL SAFETY CODE CLEARANCE
REQUIREMENTS

Towns: Brookfield and Southbury

Sub-Petition 1293-BS-02

Project: 1268/1887/1485/1622 Transmission Lines Structure Replacement Project

Structure Locations: Nine Transmission Line Structures located in Brookfield and Southbury, 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 1268/1887/1485/1622 Transmission Lines 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 conditions, some structures require replacement on the 1268/1887/1485/1622 Lines between Brookfield Junction in Brookfield and Bates Rock Substation in Southbury. The 1268 Line, in its entirety, is a 115-kilovolt line that extends from Stony Hill Substation in Brookfield to Plumtree Substation in Bethel. The 1887 Line, in its entirety, is a 115-kilovolt line that extends from West Brookfield Substation in Brookfield to Shepaug Substation in Southbury to Plumtree Substation. The 1485 Line, in its entirety, is a 115-kilovolt line that extends from Bates Rock Substation to Stony Hill Substation. The 1622 Line, in its entirety, is a 115-kilovolt line that extends from Shepaug Substation to Bates Rock Substation. The nine replacement structures will each require an increase in structure height to comply with current clearance requirements.

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

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 and existing right-of-way ("ROW") utilizing existing 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.
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 vernal pools or vernal pool envelopes are located in proximity to the proposed 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 may need to undertake tree trimming and/or vegetation removal/mowing within the Work Areas for conductor clearance and/or 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 or archeological sites within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs, and available soil profiles, the proposed Work Areas were identified to possess no/low archaeological sensitivity; therefore, Heritage advised that no further examination is recommended or warranted.
- g) Increases in heights of the nine replacement structures will vary from 4.5 feet to 18 feet to comply with current clearance requirements with an average structure height increase of 9 feet. Six of the structure height increases will be less than 10 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 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 roads.
- Upon completion of the Work Activities, all disturbed/exposed areas will 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:

No new permanent access roads would be constructed to facilitate access to structures within the ROW; however, existing access roads in upland areas may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles.

Eversource will access the Work Areas by entering its ROW from existing access points on public roads as follows:


Brookfield

- Park Ridge Road for Structures 10246A, 4655A, 4655B and 4655C

Southbury

- Roxbury Road for Structures 10143, 10145, 5317, 5318 and 5321

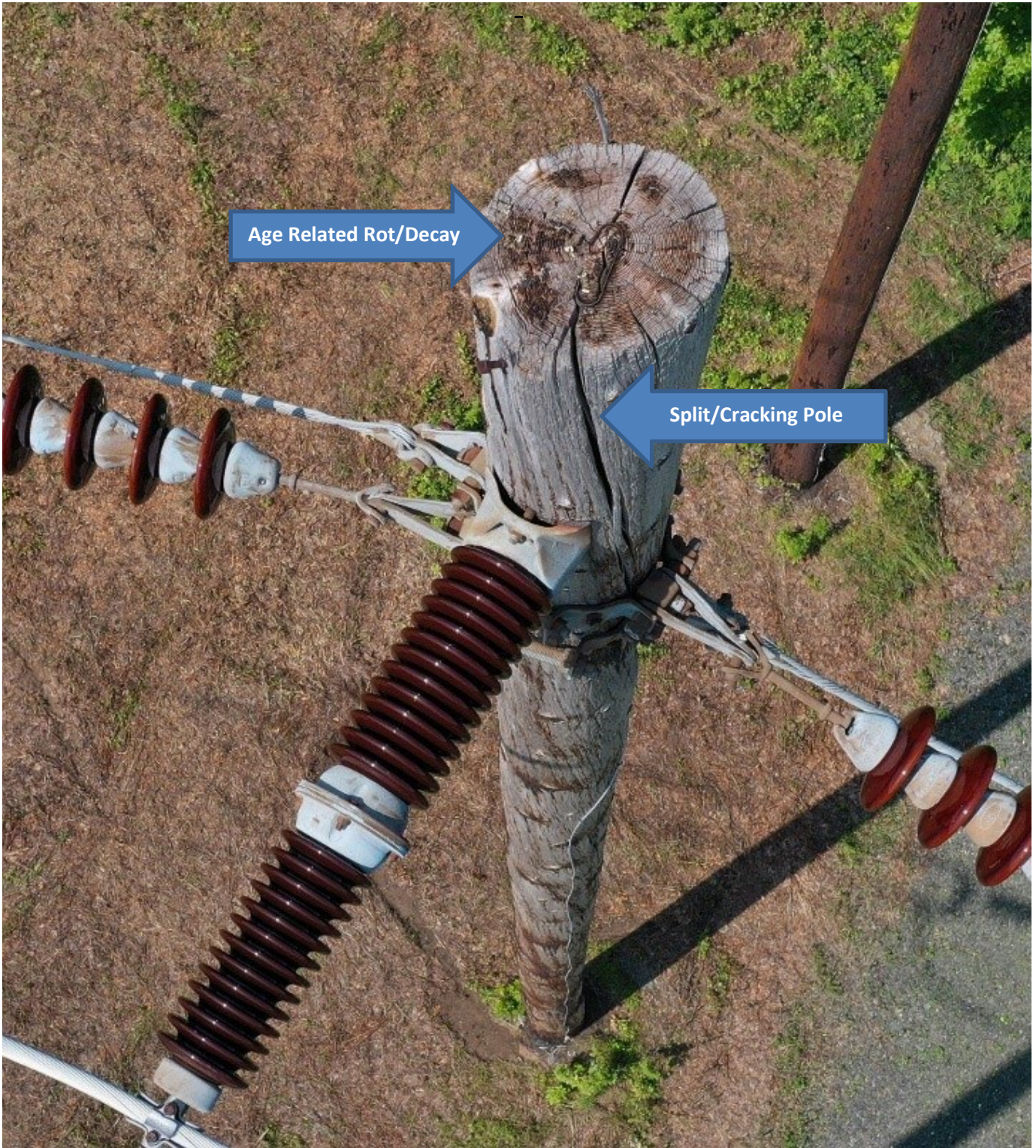
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS

Structure #10246A



Structure #4655A



Structure #10145



Age Related Rot/decay

Woodpecker Damage

Structure #5317



ATTACHMENT C

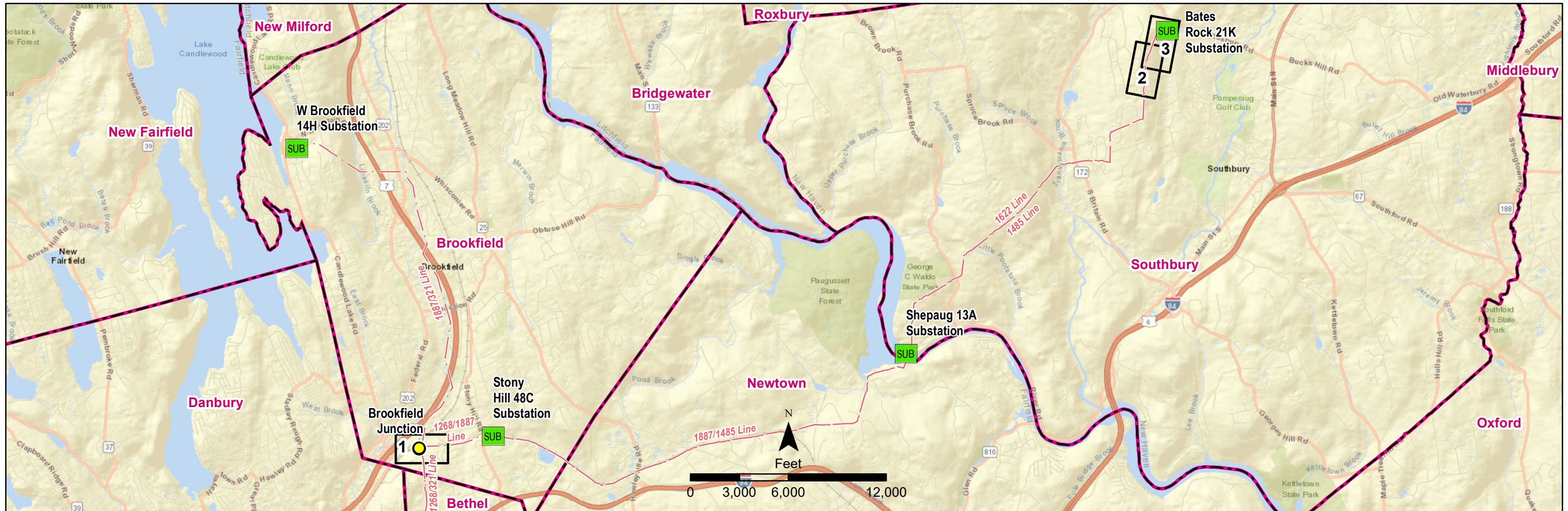
MAPS

1268/1887/1485/1622 Lines Structure Replacement Project

Brookfield & Southbury, CT

Sub-Petition Map Set

March 30, 2021



Legend

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

PREPARED FOR:

EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

INDEX OF FIGURES

Title Sheet / Index Map
Abutter Tables & Map Sheets 1-3

PREPARED BY:

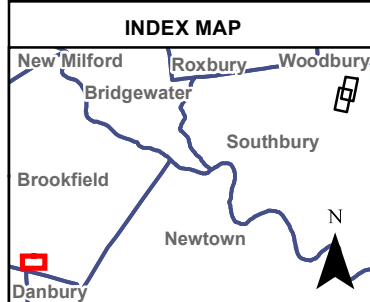
Tighe & Bond

213 Court Street
Middletown, CT 06457

1268/1887/1485/1622 Lines Structure Replacement Project

Map Sheet 1 Abutters List

Line List	Owner Name	Parcel Address	Town	State
211A-015	JP COURTNEY REALTY LLC	111 PARK RIDGE ROAD	BROOKFIELD	CT
211A-016	MAYBROOK RAILROAD COMPANY	1 FEDERAL ROAD (REAR)	BROOKFIELD	CT
211A-019	MAYBROOK RAILROAD COMPANY	1 FEDERAL ROAD (REAR)	BROOKFIELD	CT



Legend	
● Proposed Structure	— Overhead Eversource Line
● Existing Structure	×-×- Fence
○ Existing Structure to be Removed	— 5' Contour
Ⓜ Gate	— Railroad*
Ⓜ Culvert	— Existing Right-of-Way
— Existing Access	▭ Stone Work Pad
— Proposed Access	▭ Existing Gravel
— Off-ROW Access Pending Rights	▭ Temporary Construction Matting
— Delineated Wetland Boundary Outline	▭ FEMA 100-Year Flood Zone*
▭ Field Delineated Wetland	▭ FEMA Floodway*
▭ Approximate Wetland (not delineated)	▭ Eversource Owned Property
▭ Open Water*	▭ Parcel Boundary
▭ Natural Diversity Database Area (Dec 2020)*	▭ Municipal Boundary*

Map Notes:
 Base Map: CT ECO Map Service, Ortho Imagery (2019).
 Data: *Data acquired by CTDEEP GIS Eversource Property and Parcel data provided by Eversource, August 17, 2020.
 This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

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**1268/1887/1485/1622 Lines
 Structure Replacement Project**
 Brookfield, Connecticut
 Mapsheet 1 of 3

EVERSOURCE ENERGY

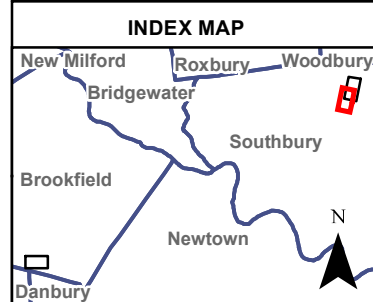
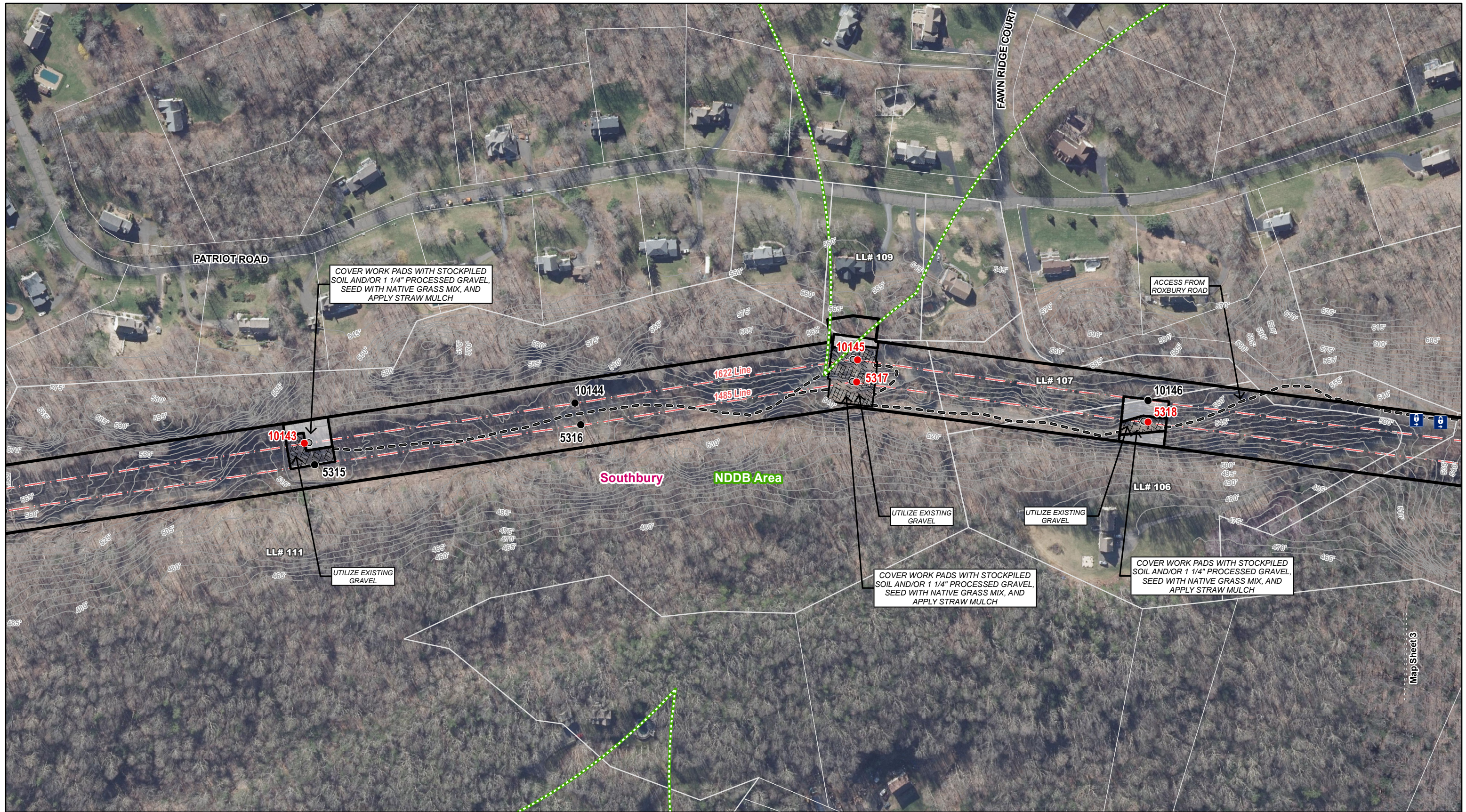
Tighe & Bond

March 2021

1268/1887/1485/1622 Lines Structure Replacement Project

Map Sheet 2 Abutters List

Line List	Owner Name	Parcel Address	Town	State
106	CHARLES AND LAUREN LEGATO	372 PATRIOT ROAD	SOUTHBURY	CT
107	TOWN OF SOUTHBURY	PATRIOT ROAD	SOUTHBURY	CT
109	ANTHONY S. AND RACHEL A. DRAGO	348 PATRIOT ROAD	SOUTHBURY	CT
111	HERITAGE VILLAGE FOUNDATION INC	EAST HILL ROAD	SOUTHBURY	CT



Legend			
● Proposed Structure	— · — · — Overhead Eversource Line	— Delineated Wetland Boundary Outline	☒ FEMA 100-Year Flood Zone*
● Existing Structure	×-×- Fence	■ Field Delineated Wetland	▨ FEMA Floodway*
○ Existing Structure to be Removed	— 5' Contour	■ Approximate Wetland (not delineated)	▨ Eversource Owned Property
Ⓜ Gate	— Railroad*	■ Open Water*	▨ Parcel Boundary
Ⓜ Culvert	— Existing Right-of-Way	■ Natural Diversity Database Area (Dec 2020)*	▨ Municipal Boundary*
— Existing Access	■ Stone Work Pad		
— Proposed Access	▨ Existing Gravel		
— Off-ROW Access Pending Rights	▨ Temporary Construction Matting		

Map Notes:
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1268/1887/1485/1622 Lines
Structure Replacement Project
 Southbury, Connecticut
 Mapsheet 2 of 3

EVERSOURCE ENERGY

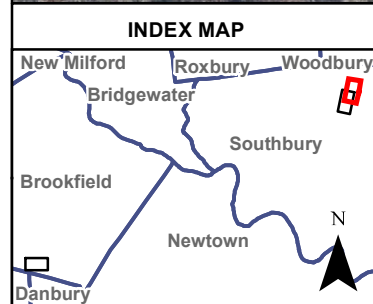
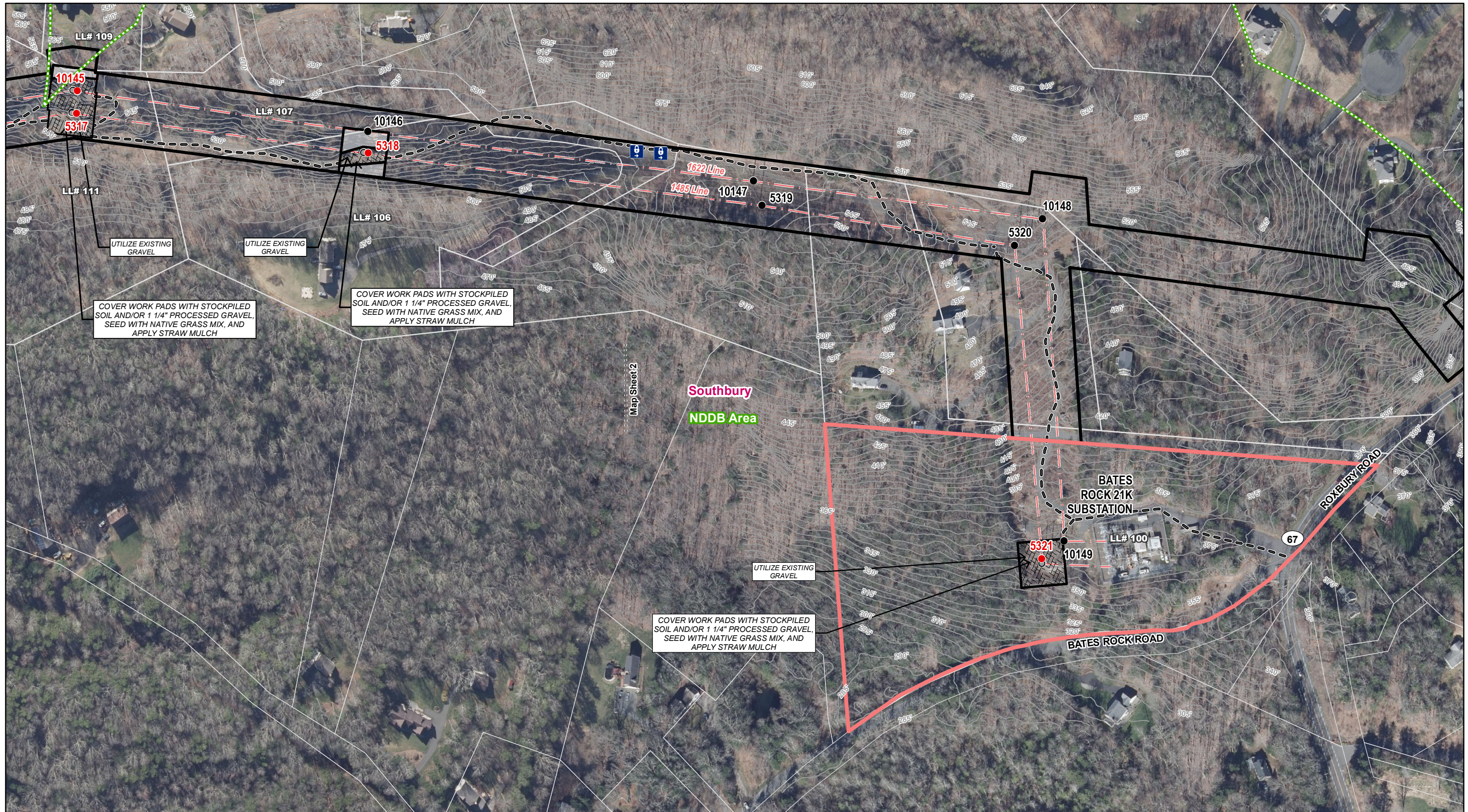
Tighe & Bond

March 2021

1268/1887/1485/1622 Lines Structure Replacement Project

Map Sheet 3 Abutters List

Line List	Owner Name	Parcel Address	Town	State
100	THE CONNECTICUT LIGHT AND POWER COMPANY (EVERSOURCE)	663 ROXBURY ROAD	SOUTHBURY	CT
106	CHARLES AND LAUREN LEGATO	372 PATRIOT ROAD	SOUTHBURY	CT
107	TOWN OF SOUTHBURY	PATRIOT ROAD	SOUTHBURY	CT
109	ANTHONY S. AND RACHEL A. DRAGO	348 PATRIOT ROAD	SOUTHBURY	CT
111	HERITAGE VILLAGE FOUNDATION INC	EAST HILL ROAD	SOUTHBURY	CT



Legend	
● Proposed Structure	— Overhead Eversource Line
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**1268/1887/1485/1622 Lines
 Structure Replacement Project**

Southbury, Connecticut

Mapsheet 3 of 3

EVERSOURCE ENERGY

Tighe & Bond

March 2021

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

April 12, 2021

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 in Brookfield and Southbury. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-BS-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 wood structures due to structure age, weather, and/or woodpecker activity. The new weathering steel structures will comply with current clearance requirements and 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-BS-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,

Franco Saporoso

Franco Saporoso
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 April 12, 2021, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-BS-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and seven 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 Brookfield, CT
Stephen C. Dunn, First Selectman
100 Pocono Road
Brookfield, CT 06804

Town of Southbury, CT
Jeff Manville, First Selectman
501 Main Street South
Southbury, CT 06488



James L. Smith
Project Siting Specialist

On this the 12th day of April, 2021, 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

Notary Public / My Commission expires _____
Officer of the Superior Court / Juris No. 413393