



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

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

December 3, 2021

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-WS-02 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Wolcott and Southington, Connecticut. The work includes replacing 11 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the Town of Wolcott and Southington officials 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
Exhibit C: Maps
Exhibit D: Abutter Letter and Proof of Notice

ATTACHMENT A

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

Towns: Wolcott and Southington

Sub-Petition No. 1293-WS-02

Project: 1910/1550/1950 Transmission Lines Structure Replacement Project

Structure Location: 11 Transmission Line Structures located in Wolcott and Southington, 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 1910/1550/1950 Transmission Lines Structure Replacement Project is part of an ongoing 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 in Wolcott.

The 1910 line, in its entirety, is a 115-kilovolt line that extends from Todd Substation in Wolcott to Southington Substation in Southington. The 1550 line, in its entirety, is a 115-kilovolt line that extends from Frost Bridge Substation in Watertown to Canal Substation in Plantsville. The 1950 line, in its entirety, is a 115-kilovolt line that extends from Canal Substation in Plantsville to Southington Substation in Southington. The 1910/1550 lines occupy double-circuit wood H-frame structures within the Eversource right-of-way ("ROW") between Todd Substation and Canal Substation. The 1910/1950 lines occupy double-circuit wood H-frame structures within the

existing ROW between Canal Substation and Southington Substation. The replacements for the eleven structures would require a slight increase in structure height to comply with current clearance requirements. These 11 structures to be replaced are double-circuit wood H-frame structures.

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

- Replace 11 existing wood H-frame structures with new weathering steel H-frame structures.

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 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.
- b. Collectively, the Work Activities would result in approximately 28,430 square feet ("SF") of temporary wetland/watercourse impacts from the temporary use of matting required for the construction of access roads and work pads for two structures.

Wetland / Watercourse Number	Structure Number	Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W-3	49	10,000	8,628
W-3	50	4,026	5,027
W-18	89	749	0
Subtotals:		14,775	13,655
TOTAL:			

- c. Temporary wetland impacts of 18,628 square feet will result from the proposed access to and work pad for Structure 49. Temporary wetland impacts of 9,053 square feet will result from similar proposed work for Structure 50. Temporary wetland impacts associated with

the work pad for Structure 89 are approximately 749 square feet. 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.

- d. No direct impacts to vernal pools ("VP") would result from the proposed Work Activities. One potential VP habitat has been identified to the south of Structure 90, over 500 feet to the east of the Structure 89 Work Area. No construction is proposed within 500 feet of this potential VP, or the vernal pool envelope associated with this potential VP.
- e. 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.
- f. The Work Activities will not require any tree clearing. However, Eversource would need to undertake tree trimming and/or vegetation removal/mowing within the managed ROW corridor for conductor clearance.
- g. A Phase 1A Cultural Resources Assessment Survey was completed by Heritage Consultants, LLC ("Heritage"), dated August 17, 2021. The assessment reviewed previously recorded cultural resources on file with the Connecticut State Historic Preservation Office ("SHPO") and did not identify any National or State Register of Historic Places properties/districts, or standing structures located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and available soil profiles, no previously identified prehistoric archaeological sites were found in the vicinity of the work areas.

The assessment also identified Structures 110 and 111 to be in areas of moderate to high archaeological sensitivity. A Phase 1B Cultural Resource Assessment and Reconnaissance Survey will be conducted at these two Structures. Based on the Phase 1B findings, any recommendations will be implemented; therefore, no impacts to cultural resources are anticipated. The results of these surveys, and Eversource's proposed protection strategy, will be provided to the SHPO and Tribal Historic Preservation Offices of the Connecticut Tribe of Mohegan Indians and the Mashantucket Pequot Tribal Nation for concurrence with the proposed protection strategy, as needed.

- h. Increases in the heights of the 11 replacement structures will average approximately 6 feet, except for Structures 54 and 56, which would increase in height by approximately 13 feet and Structure 55, which would increase in height by 18 feet. The heights of the existing structures range from 47.5 to 70 feet above ground level. The replacement structures will range in height from 61 to 84.5 feet above ground level.
- i. The replacement structures would be located within 15 feet of existing structures.

- j. Work Activities associated with Structure 49 are located within a mapped 100-year flood zone. Eversource would avoid any impacts to the flood zone by utilizing temporary construction matting in accordance with its BMPs. Therefore, no adverse impact to the 100-year flood zone would result from the proposed Work Activities.
- k. 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.
- l. 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.
- Impacts to wetlands and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- Vernal pool protective measures will be incorporated into the Eversource's BMPs during construction.
- Any NDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Potential impacts to the 100-year flood zone 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:

New permanent access roads may be constructed within the ROW to facilitate access to Structures 50, 52, 54, 55, 73, and 81. 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 roads in wetlands, sensitive cultural areas, as well as for 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 property and/or the ROW from existing access points on public roads as follows:

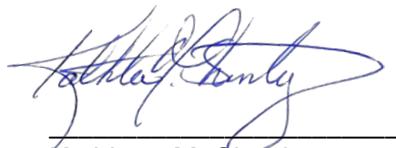
Wolcott

- Todd Road for Structure 49
- East Street for Structures 50, 52, 54, 55 and 56

Southington

- Canal Street for Structure 89
- Old Turnpike Road for Structure 99
- Christine Drive for Structure 105
- Meriden Avenue for Structure 110
- Bellevue Avenue for Structure 111

By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B

Attachment B: Photographs



Str. # 50. Split pole tops, cracks, woodpecker damage and inverted fiber.



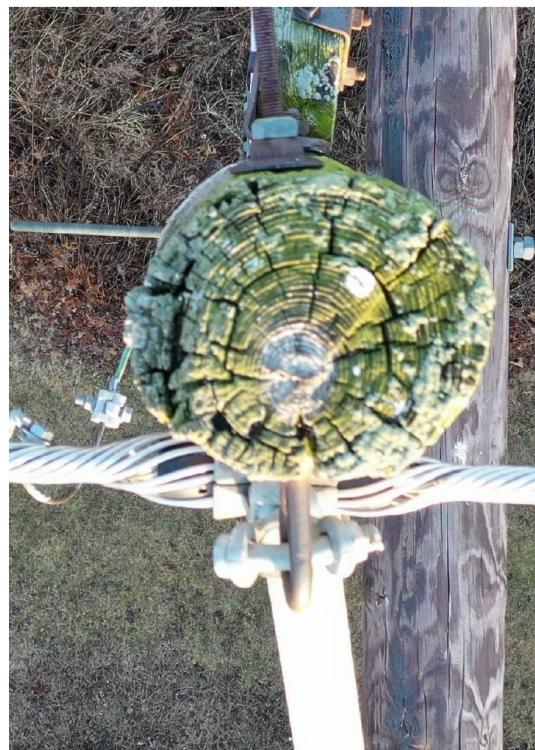
Str. # 52. Split pole tops, cracks woodpecker damage, damage at base of pole.



Str. # 55. Split pole tops, cracks, woodpecker damage, disconnected guy wire and 1 broken bell



Str. # 105. Split pole tops, shell rot, woodpecker damage and wood decay.



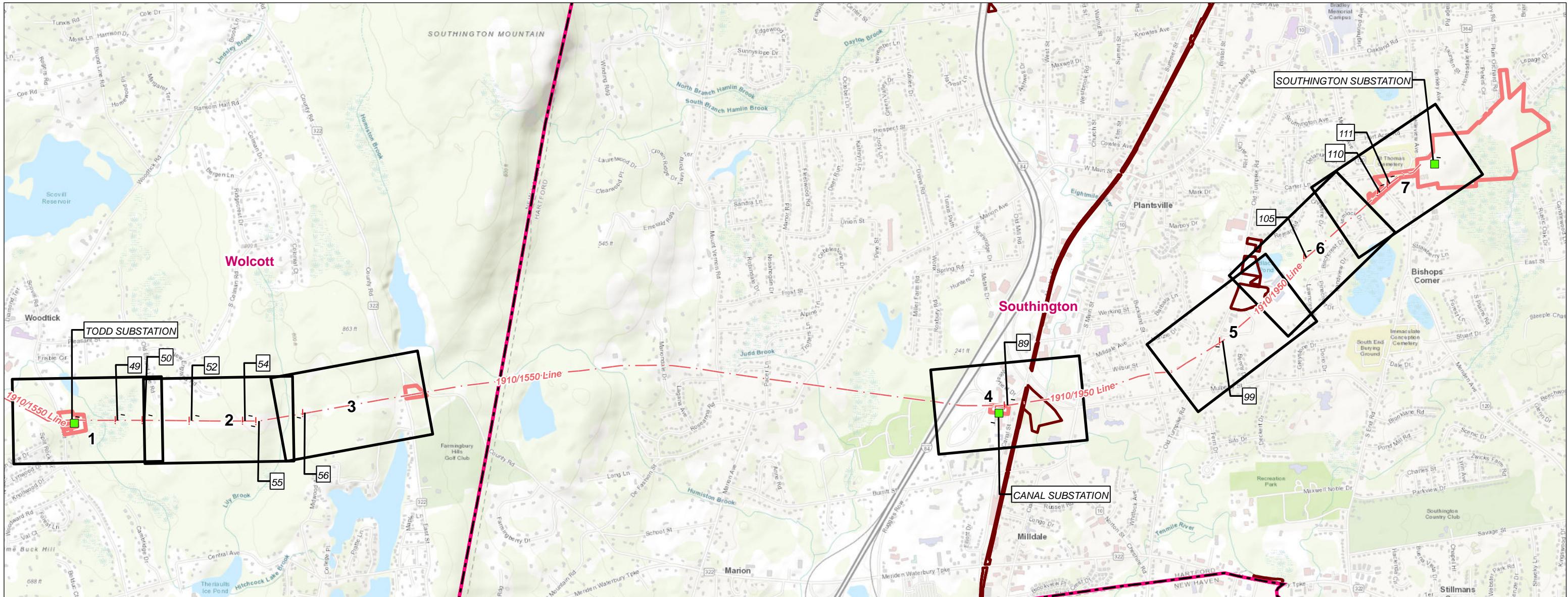
Str. # 111. Split pole tops, shell rot, woodpecker damage and cracks.

ATTACHMENT C

1910/1550/1950 Lines - Structure Replacement Project

Wolcott and Southington, Connecticut
Sub Petition Map Set

Date: December 02, 2021



Legend

- ! Proposed Structure
- Substations
- Municipal Boundary
- Overhead Eversource Line
- Eversource Owned Parcel
- Plan Sheet Index
- State Owned Property

3

0 0.3 0.6 Miles

INDEX OF FIGURES

Title Sheet / Index Map
Map Sheets 1-9

NO.	DATE	REVISIONS

PREPARED FOR:

EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

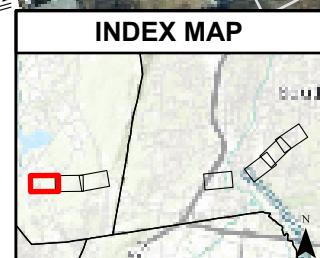
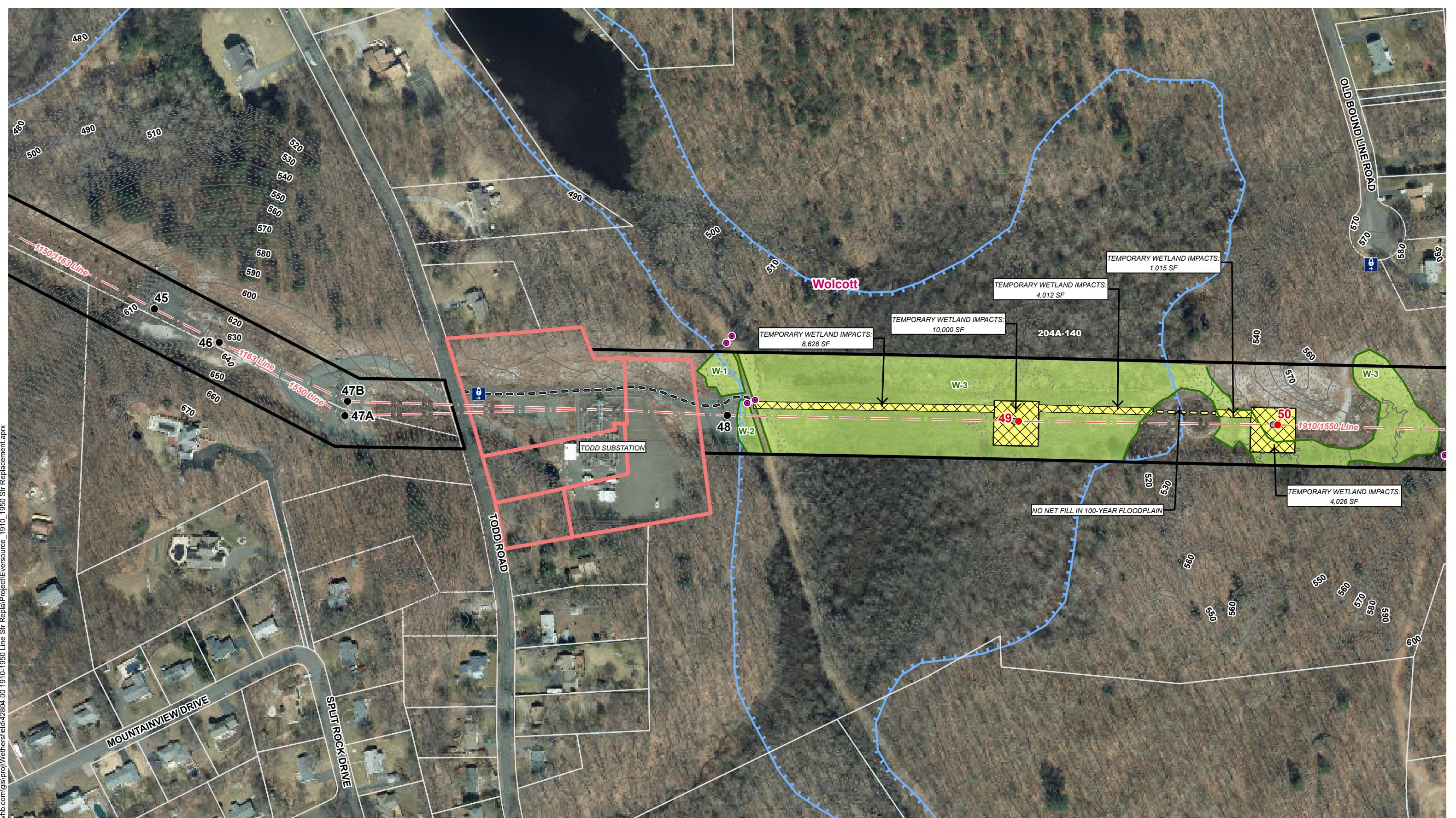
PREPARED BY:

vhb

100 Great Meadow Road
Suite 200
Wethersfield, CT 06109

1910/1550/1950 Line Structure Replacement Project
Map Sheet 01 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-140	PERFECT MATCH LLC	N/A	TODD RD	WOLCOTT	CT



Legend

- Existing Overhead Structure
- Proposed Structure
- Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- Existing Access
- Proposed Access
- Temporary Construction Matting
- Stone Work Pad
- Existing Gravel
- Delineated Wetland Boundary Outline
- Existing Access
- Proposed Access
- Field Delineated Wetland
- Open Water
- Approximate Wetland (not delineated)
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- 10' Contour Line
- 2' Contour Line

Legend

- Field Delineated Wetland
- Open Water
- Approximate Wetland (not delineated)
- Potential Vernal Pool Extent
- 100' Vernal Pool Envelope
- Rare Species Habitat (NDDB June 2021)
- FEMA Floodway
- FEMA 100-Year Flood Zone
- Gate
- Culvert Inlet/Outlet
- Fence
- Map Sheet Match Line

Legend

- Eversource Owned Parcel
- State Owned Property
- Municipal Boundary
- Parcel Boundary
- Map Sheet Match Line

Base Map Source:
2019 Aerial Imagery (CTDEP)

1 Inch = 200 feet
0 100 200 Feet

EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Wolcott, CT

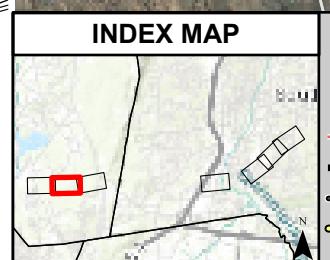


Map Sheet 1 of 7

1910/1550/1950 Line Structure Replacement Project

Map Sheet 02 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-156.1	JAMES ET AL	MANCINONE	OLD BOUND LINE RD	WOLCOTT	CT



- Existing Overhead Structure
- Proposed Structure
- Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- Proposed Access
- Temporary Construction Matting
- Stone Work Pad
- Existing Gravel
- Delineated Wetland Boundary Outline
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse

- Field Delineated Wetland
- Open Water
- Approximate Wetland (not delineated)
- Potential Vernal Pool Extent
- 100' Vernal Pool Envelope
- Rare Species Habitat (NDDB June 2021)

- FEMA Floodway
- FEMA 100-Year Flood Zone
- Gate
- Culvert Inlet/Outlet
- Fence
- 10' Contour Line
- 2' Contour Line

Base Map Source:
2019 Aerial Imagery (CTDEP)

1 Inch = 200 feet
0 100 200
Feet

EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Wolcott, CT

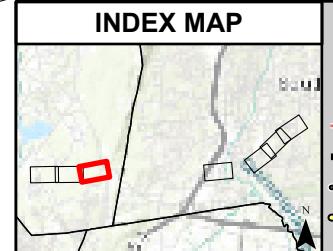


Map Sheet 2 of 7

1910/1550/1950 Line Structure Replacement Project

Map Sheet 03 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-161	JAMES ET AL (TR)	MANCINONE	OLD BOUND LINE RD	WOLCOTT	CT
204A-162	DENISE	PARSONS	36 EAST ST	WOLCOTT	CT



● Existing Overhead Structure
● Proposed Structure
● Structure to be Removed
— Overhead Eversource Line
— Existing Right-of-Way (ROW)
— Existing Access
— Proposed Access

◆ Temporary Construction Matting
◆ Stone Work Pad
◆ Existing Gravel

— Delineated Wetland Boundary Outline
— Delineated Perennial Watercourse
— Delineated Intermittent Watercourse

◆ Field Delineated Wetland
◆ Open Water
◆ Approximate Wetland (not delineated)

◆ Potential Vernal Pool Extent
◆ 100' Vernal Pool Envelope

◆ Rare Species Habitat (NDDB June 2021)

◆ FEMA Floodway
◆ FEMA 100-Year Flood Zone
◆ Gate
◆ Culvert Inlet/Outlet
◆ Fence

— 10' Contour Line
— 2' Contour Line

EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Wolcott, CT

Base Map Source:
2019 Aerial Imagery (CTDEP)

1 Inch = 200 feet
0 100 200
Feet

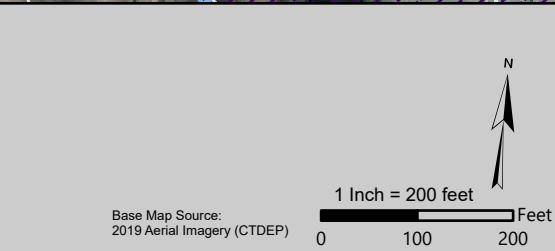
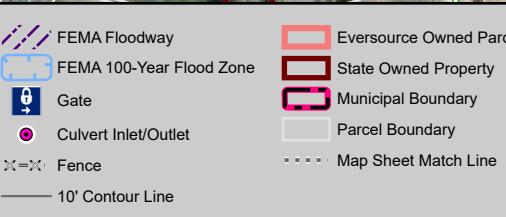
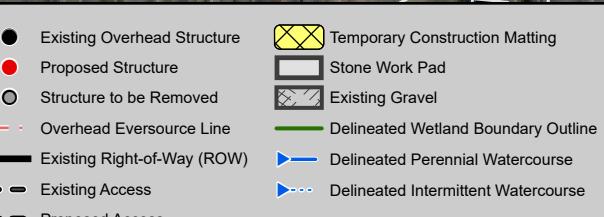
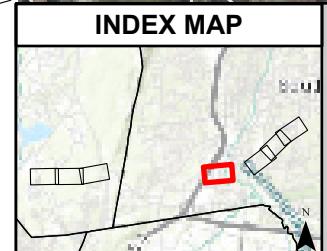
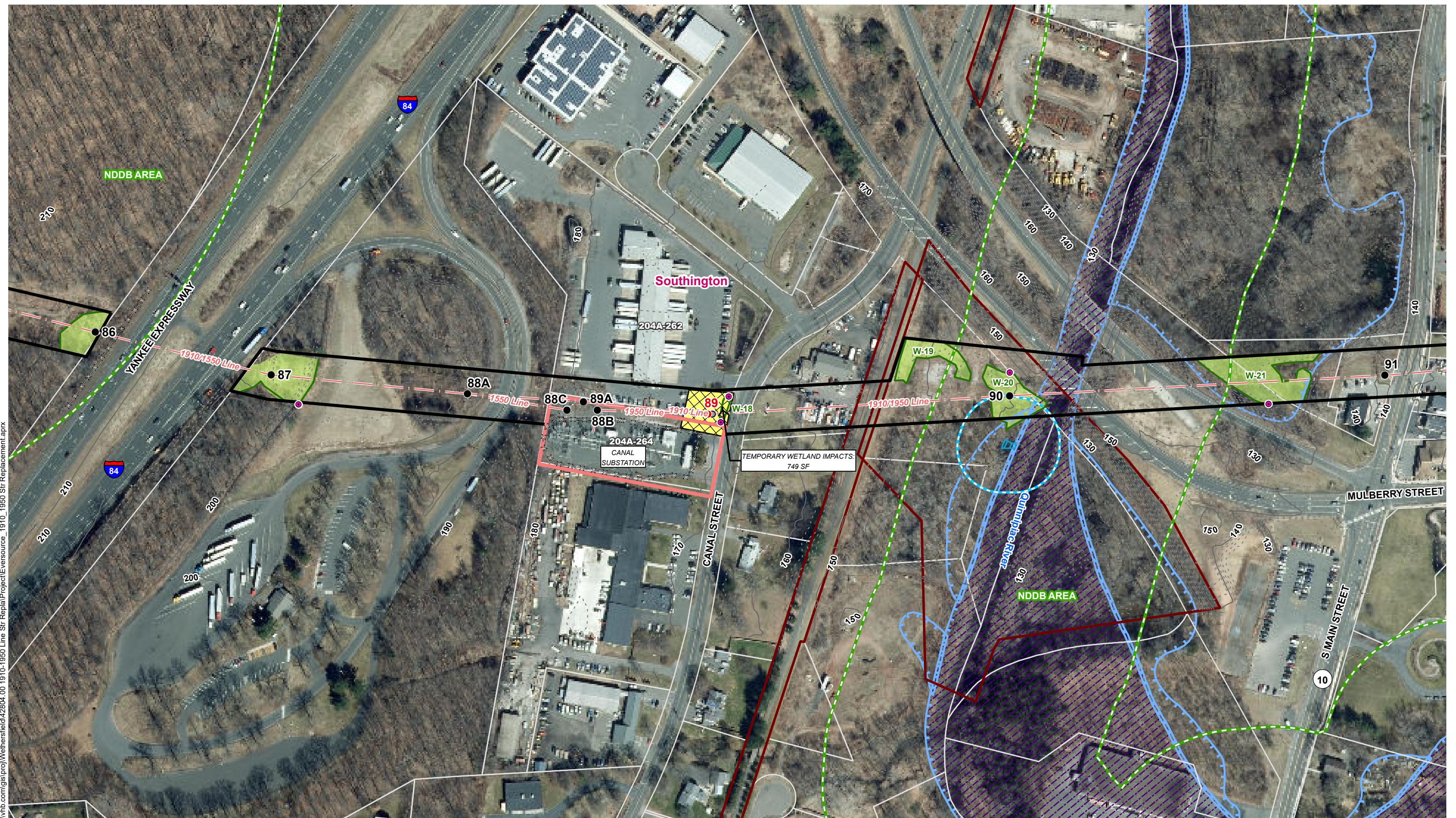


Map Sheet 3 of 7

1910/1550/1950 Line Structure Replacement Project

Map Sheet 04 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-262	NEW PENN MOTOR EXPRESS LLC	N/A	130 CANAL ST	SOUTHBURY	CT
204A-264	THE CONNECTICUT LIGHT & POWER COMPANY	N/A	CANAL ST	SOUTHBURY	CT



EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

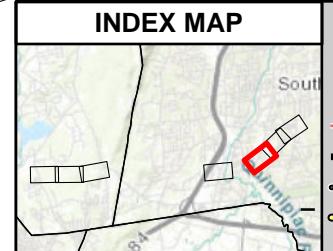
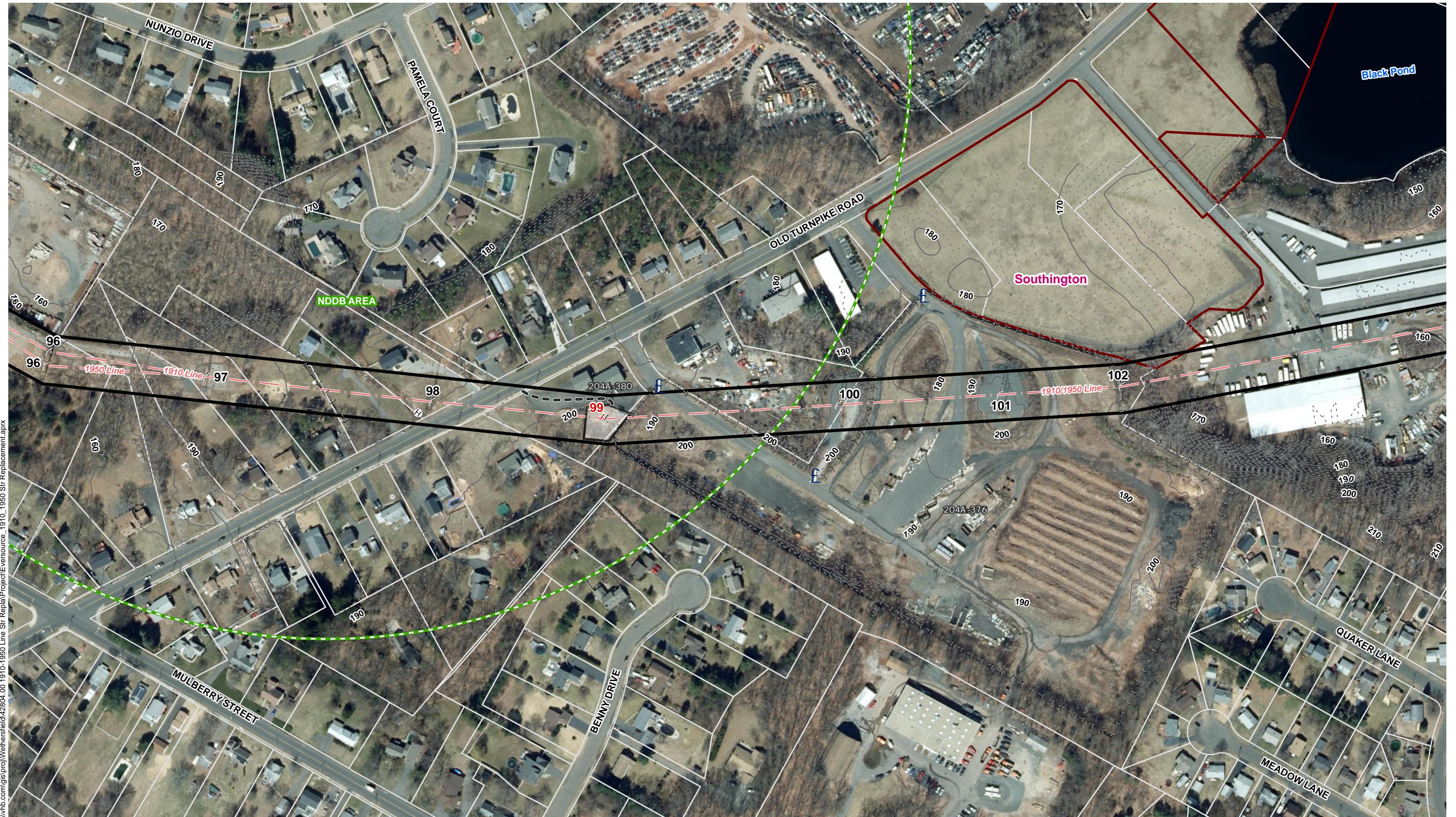
Southington, CT

Map Sheet 4 of 7

1910/1550/1950 Line Structure Replacement Project

Map Sheet 05 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-376	TOWN OF SOUTHINGTON	N/A	OLD TURNPIKE RD	SOUTHINGTON	CT
204A-380	MARIANI CONSTRUCTION LLC	N/A	635 OLD TURNPIKE RD	SOUTHINGTON	CT



Existing Overhead Structure
Proposed Structure
Structure to be Removed
Overhead Eversource Line
Existing Right-of-Way (ROW)
Existing Access
Proposed Access

Temporary Construction Matting
Stone Work Pad
Existing Gravel
Delineated Wetland Boundary Outline
Delineated Perennial Watercourse
Delineated Intermittent Watercourse

Field Delineated Wetland
Open Water
Approximate Wetland (not delineated)
Potential Vernal Pool Extent
100' Vernal Pool Envelope
Rare Species Habitat (NDDB June 2021)

FEMA Floodway
FEMA 100-Year Flood Zone
Gate
Culvert Inlet/Outlet
Fence
10' Contour Line
2' Contour Line

Base Map Source:
2019 Aerial Imagery (CTDEP)

1 Inch = 200 feet
0 100 200
Feet

EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Southington, CT

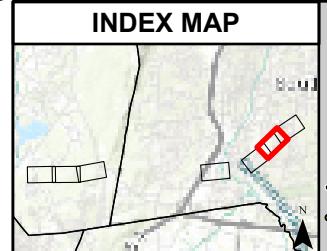


Map Sheet 5 of 7

1910/1550/1950 Line Structure Replacement Project

Map Sheet 06 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-401	TOWN OF SOUTHBURG	N/A	BIRCHCREST DR	SOUTHBURG	CT



- Existing Overhead Structure
- Proposed Structure
- Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- Existing Access
- Proposed Access



- Field Delineated Wetland
- Open Water
- Approximate Wetland (not delineated)
- Potential Vernal Pool Extent
- 100' Vernal Pool Envelope
- Rare Species Habitat (NDDB June 2021)



- Eversource Owned Parcel
- State Owned Property
- Municipal Boundary
- Parcel Boundary
- Map Sheet Match Line

Base Map Source:
2019 Aerial Imagery (CTDEP)

1 Inch = 200 feet
0 100 200 Feet

EVERSOURCE
ENERGY

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Southington, CT

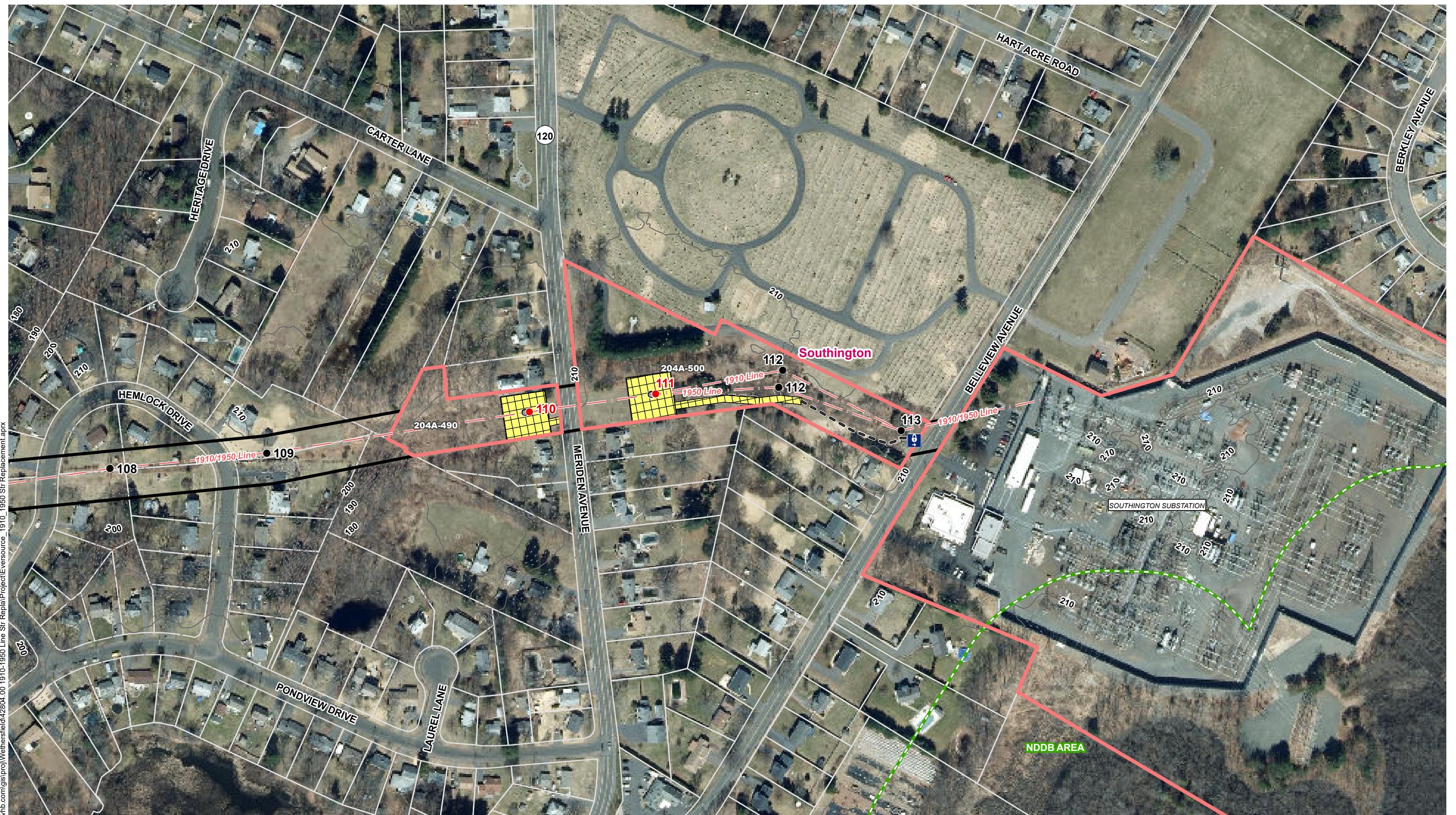


Map Sheet 6 of 7

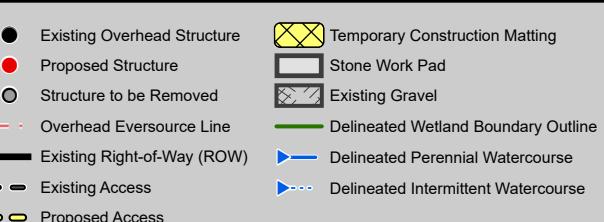
1910/1550/1950 Line Structure Replacement Project

Map Sheet 07 Abutter's Table

Abutter Number	Owner First Name	Owner Last Name	Parcel Address	Town	State
204A-490	THE CONNECTICUT LIGHT & POWER COMPANY	N/A	406 MERIDEN AVE	SOUTHBURY	CT
204A-500	THE CONNECTICUT LIGHT & POWER COMPANY	N/A	386 MERIDEN AVE	SOUTHBURY	CT



An index map of a region with a detailed inset map in the top right corner. The inset map shows a specific area with a red rectangular border and a north arrow. The word 'INDEX MAP' is printed in large, bold, black capital letters at the top of the index map.



Legend

- Delineated Wetland
- Open Water
- Approximate Wetland (not delineated)
- Potential Vernal Pool Extent
- 100' Vernal Pool Envelope
- Rare Species Habitat (NDDB June 2021)

The legend is located in the bottom right corner of the map. It contains eight entries, each with a colored square icon and a text label. The entries are: 'FEMA Floodway' (purple), 'FEMA 100-Year Flood Zone' (blue), 'Gate' (blue), 'Culvert Inlet/Outlet' (pink), 'Fence' (grey), '10' Contour Line' (grey), '25 Contour Line' (grey), and 'Eversource Owned Parcel' (pink), 'State Owned Property' (dark red), 'Municipal Boundary' (magenta), 'Parcel Boundary' (light grey), and 'Map Sheet Match Line' (dashed grey).

The logo for EverSource Energy. It features the word "EVERSOURCE" in a bold, black, sans-serif font. A green circle is positioned over the letter "O". Below "EVERSOURCE", the word "ENERGY" is written in a smaller, black, sans-serif font.

1910/1550/1950 Line Structure Replacement Project

Date: December 02, 2021

Southington, CT

Base Map Source:
2019 Aerial Imagery (CTDEP)

100 200 Feet



Map Sheet 7 of 7

ATTACHMENT D

December 1, 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 infrastructure is one of the many ways Eversource supports the safe and 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 Wolcott or Southington, CT. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-WS-02 this week to the Connecticut Siting Council (CSC) for its review and approval.

Proposed Project Information

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 a total of 11 wood transmission structures with new weathering steel structures. These are steel poles with a finish that "weathers" or darkens over time. We are proposing to do the work within the existing rights of way on or near your property.

This proposed work is necessary to ensure the continued reliability, safety and security of the transmission of electricity throughout the region. If the CSC approves the proposed work, construction is expected to begin in early Winter and conclude in the Spring of 2022, including restoration of any affected areas.

Contact Information

Eversource is committed to being a good neighbor and doing our work with respect for you and your property. For more information please call our project hotline at 1-800-793-2202 or send an email to ProjectInfo@eversource.com.

If you would like to send comments regarding Eversource's Sub-Petition to the CSC, please send them via email to siting.council@ct.gov or send a letter to the following address: Melanie Bachman, Executive Director, Connecticut Siting Council, Ten Franklin Square, New Britain, CT 06051.

Sincerely,

Wayne Vargas

Wayne Vargas
Eversource Project Manager – 1910/1550/1950 Lines Structure Replacement Project

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 I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-WS-02 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and six 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:

Thomas Dunn, Mayor
Wolcott Town Hall
10 Kenea Avenue
Wolcott, Connecticut 06716

Town of Southington
Mark J. Sciota, Town Manager
75 Main Street
Southington, CT 06489



Helen Taylor
Project Siting Specialist

On this the 3rd day of December, 2021, before me, the undersigned representative, personally appeared, Helen Taylor, 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.



Andrew W. Taylor Juris No. 413393

Commissioner of Superior Court