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Hartford, CT 06103

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

October 8, 2021

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

Re: Sub-Petition No. 1293-MI-03

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-MI-03 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Middletown, Connecticut. The work includes replacing two existing wood transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipality of Middletown of Eversource's submission of the Sub-Petition (see Proof of Notice). The work will take place entirely within Eversource's property, therefore, there are no directly abutting property owners to the structure replacement work.

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". The signature is fluid and cursive, with a large, sweeping flourish 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: Middletown

Sub-Petition: 1293-MI-03

Project: 3533 Transmission Line Structure Replacement Project

Structure Location: Two Transmission Line Structures in Middletown, 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 3533 Transmission Line Structure Replacement Project is part of an ongoing maintenance program that 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, two structures require replacement on the 3533 Line between a location just south of Bear Hill Road and Scovill Rock Substation in Middletown, Connecticut. The 3533 Line, in its entirety, is a 115-kilovolt line that extends from Kleen Energy Substation in Middletown to Scovill Rock Substation. The structures to be replaced are wood H-frame structures that will require an increase in structure height to comply with current clearance requirements.

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

- Replace two 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 within Eversource's property utilizing existing access roads (collectively the "Work Areas"). The existing access roads would be improved as needed. 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)*, September 2016 ("BMPs") to avoid impacts to nearby water resources.
- c) No vernal pools or vernal pool envelopes are in proximity to the Work Areas.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDDB"), no Work Areas are proposed within a NDDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land. Therefore, the Work Areas would not be subject to an NDDDB Review Request. However, based on previous work in the ROW, known locations of rare species are present in proximity to one of the Work Areas. Therefore, Eversource will implement rare species protection measures where Work Activities are located adjacent to known populations. In addition, 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.
- g) Both structures require a height increase of approximately 4.5 feet to comply with current clearance requirements.
- 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 two transmission lines 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 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 nearby water resources will be avoided using 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 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.

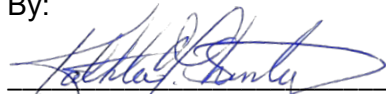
V. Access:

No new permanent access roads would be constructed to facilitate access to the structures, however, existing access roads 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 property from existing access points off the following public roads in Middletown:

- Bear Hill Road for structure 12077.
- Freeman Road for structure 12070.

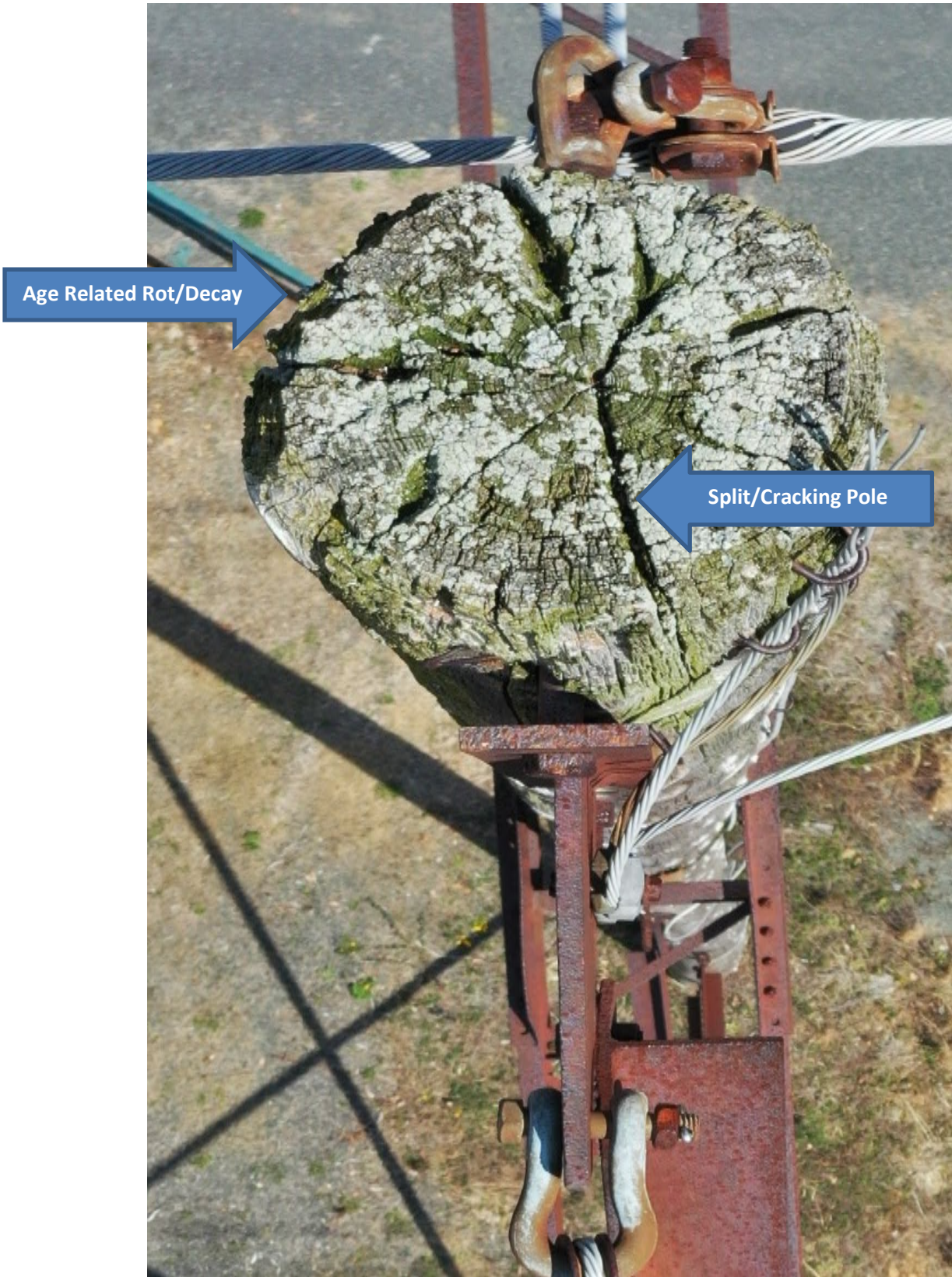
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS

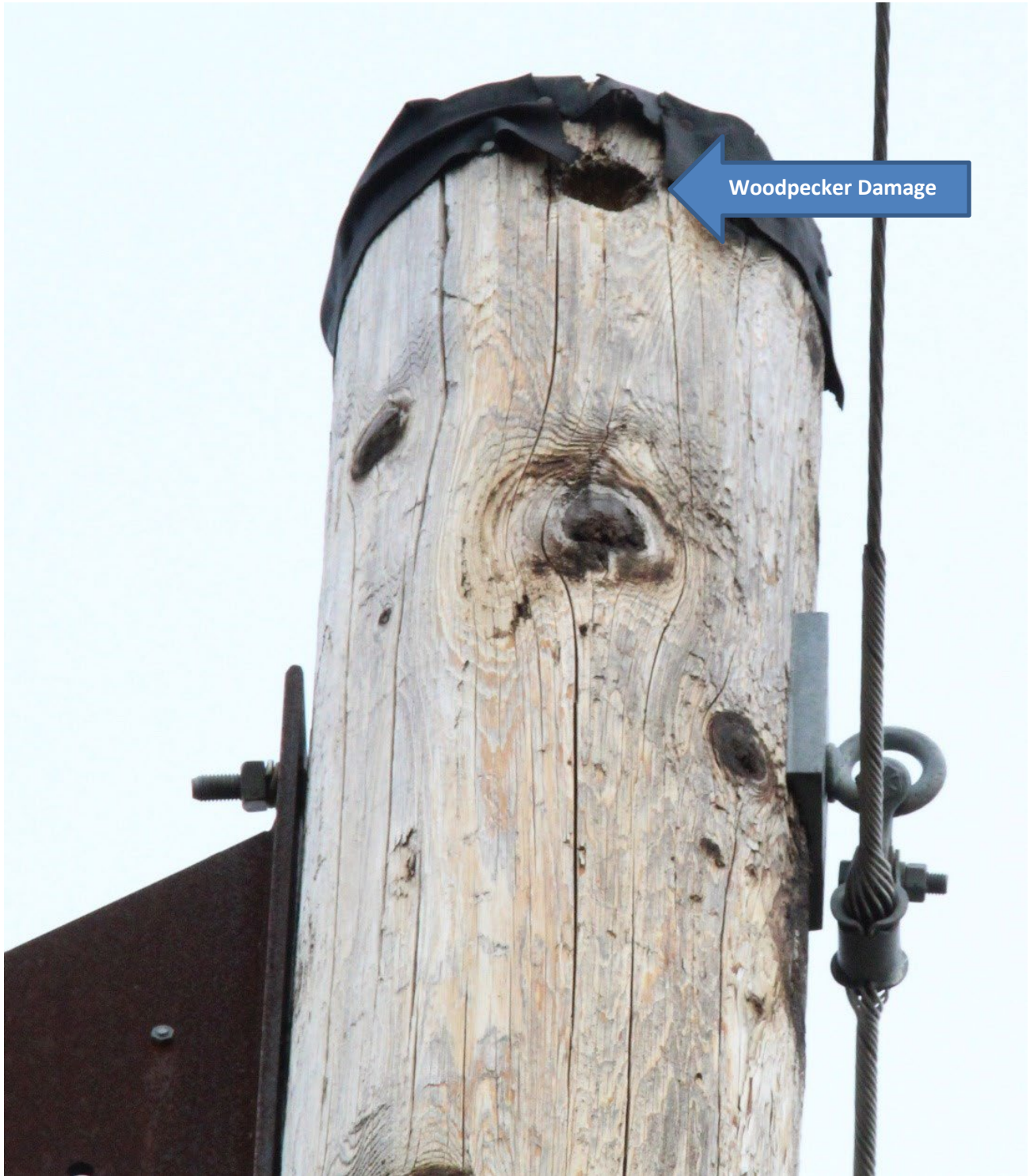
Structure #12077



Age Related Rot/Decay

Split/Cracking Pole

Structure #12070

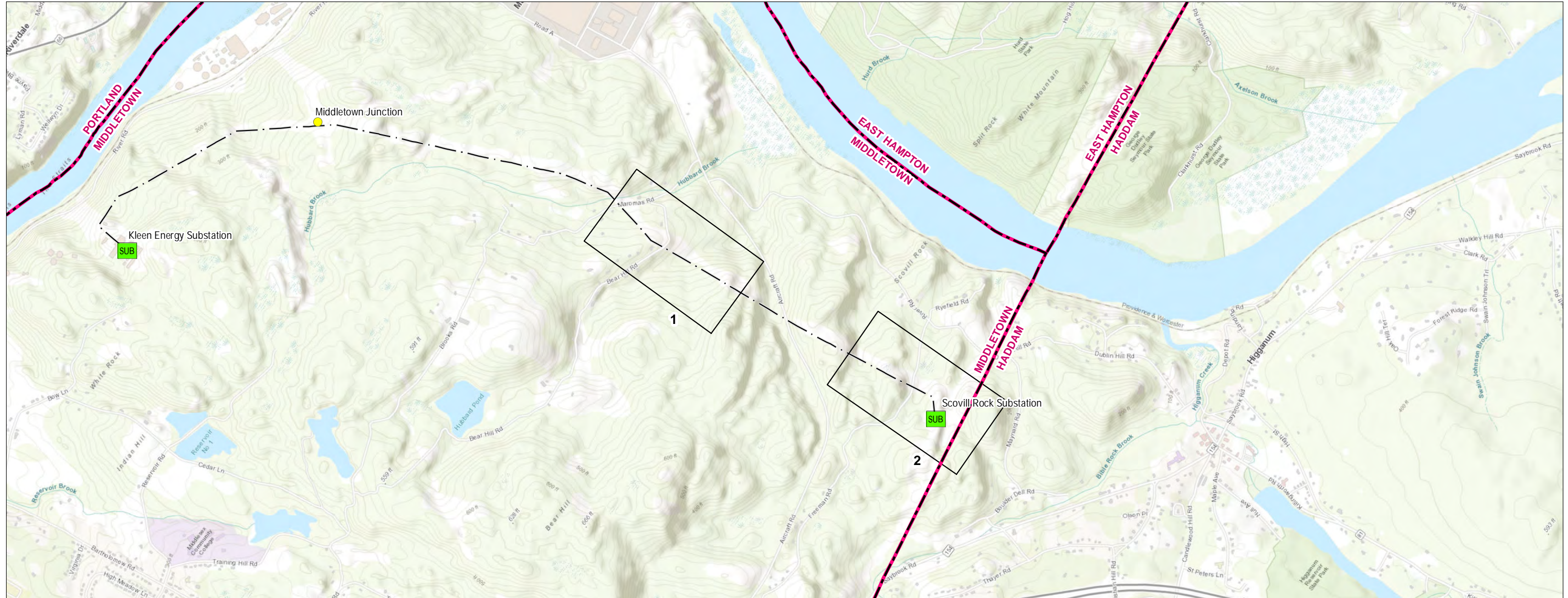


ATTACHMENT C

MAPS

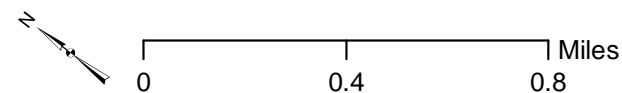
3533 Line - Structure Replacement Project

Middletown, CT
 Sub-Petition Map Set
 Date: September 30, 2021



Legend

- Junction
- SUB Substation
- · - · - Eversource Overhead Line
- - - - - Municipal Boundaries
- Map Sheet



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

NO.	DATE	REVISIONS

PREPARED FOR:



107 Selden Street
 Berlin, CT 06037

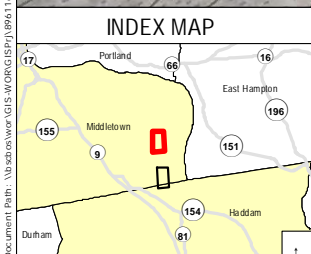
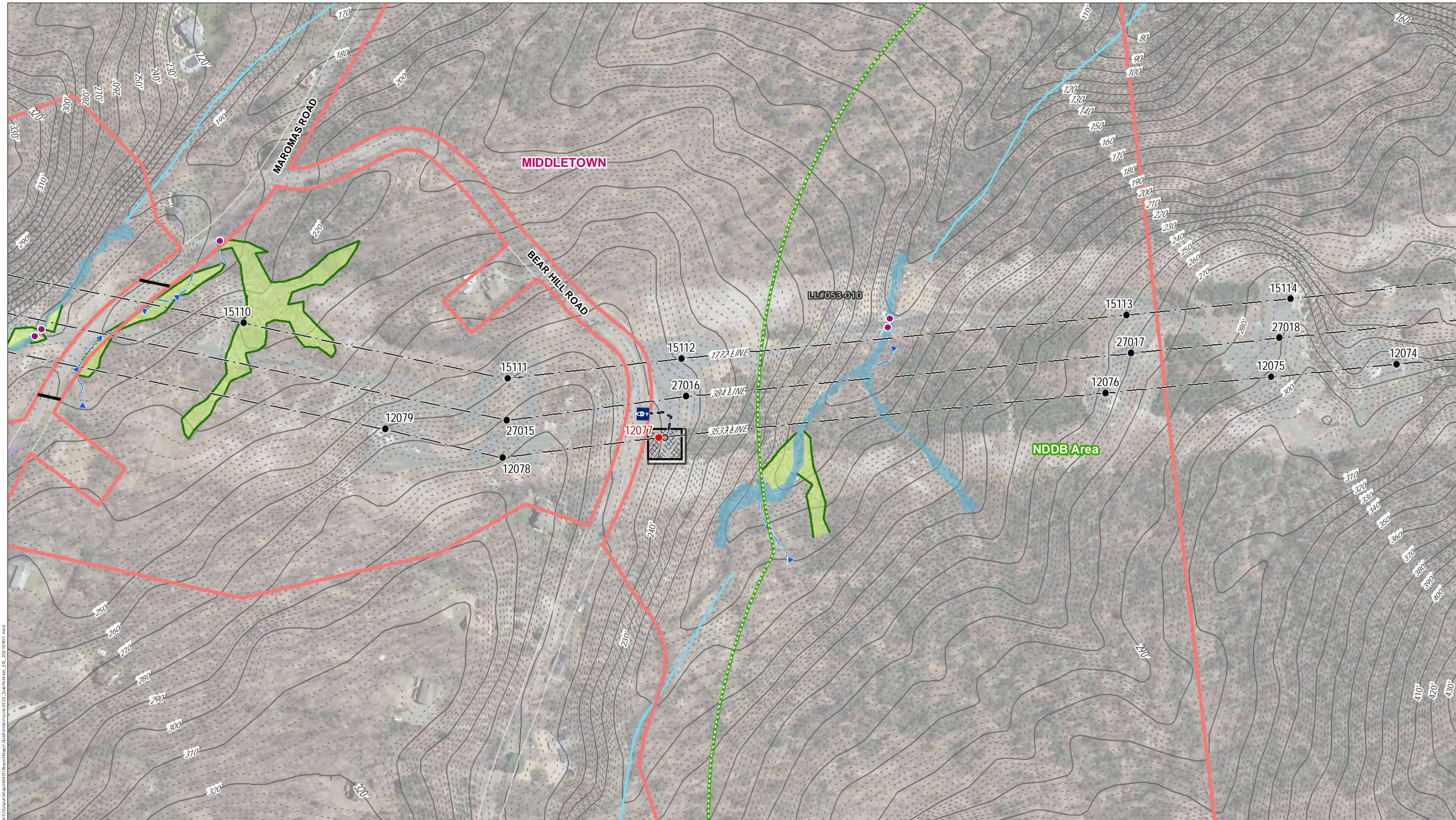
PREPARED BY:



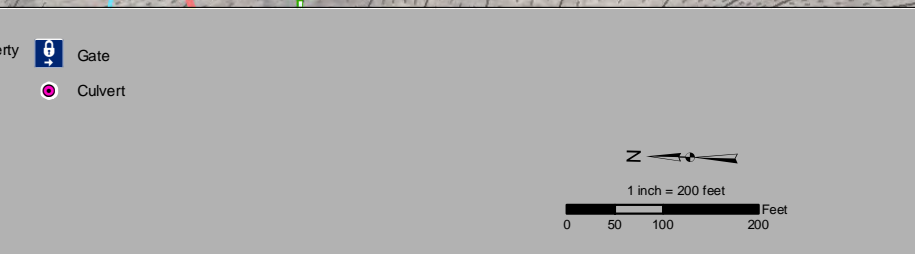
33 Waldo Street
 Worcester, MA 01608

**3533 Line – Structure Replacement Project
Map Sheet 1 Abutter Table**

Line List	Owner First Name	Owner Last Name	Parcel Address	Town	State
053-010	THE ROCKY RIVER REALTY CO		RIVER RD	MIDDLETOWN	CT



Legend	
● Existing Structure	Field Delineated Wetland
○ Existing Structure to be Removed	▲ Delineated Intermittent Watercourse
● Proposed Structure	■ Open Water
— Overhead Eversource Line	— Watercourse (not delineated)
— Existing Access	■ Approximate Wetland (not delineated)
■ Stone Work Pad	■ Natural Diversity Database Area (June 2021)
■ Existing Gravel	— Existing Right-of-Way (ROW)
■ Delineated Wetland Boundary Outline	■ Eversource Owned Property
	■ Line List Parcel
	LL#100 Line List Label
	■ Municipal Boundaries
	— 2ft Contour Line
	— 10ft Contour Line
	■ Gate
	● Culvert



NO.	DATE	REVISIONS

EVERSOURCE

3533 Line - Structure Replacement Project

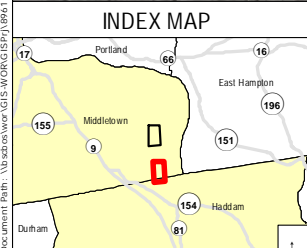
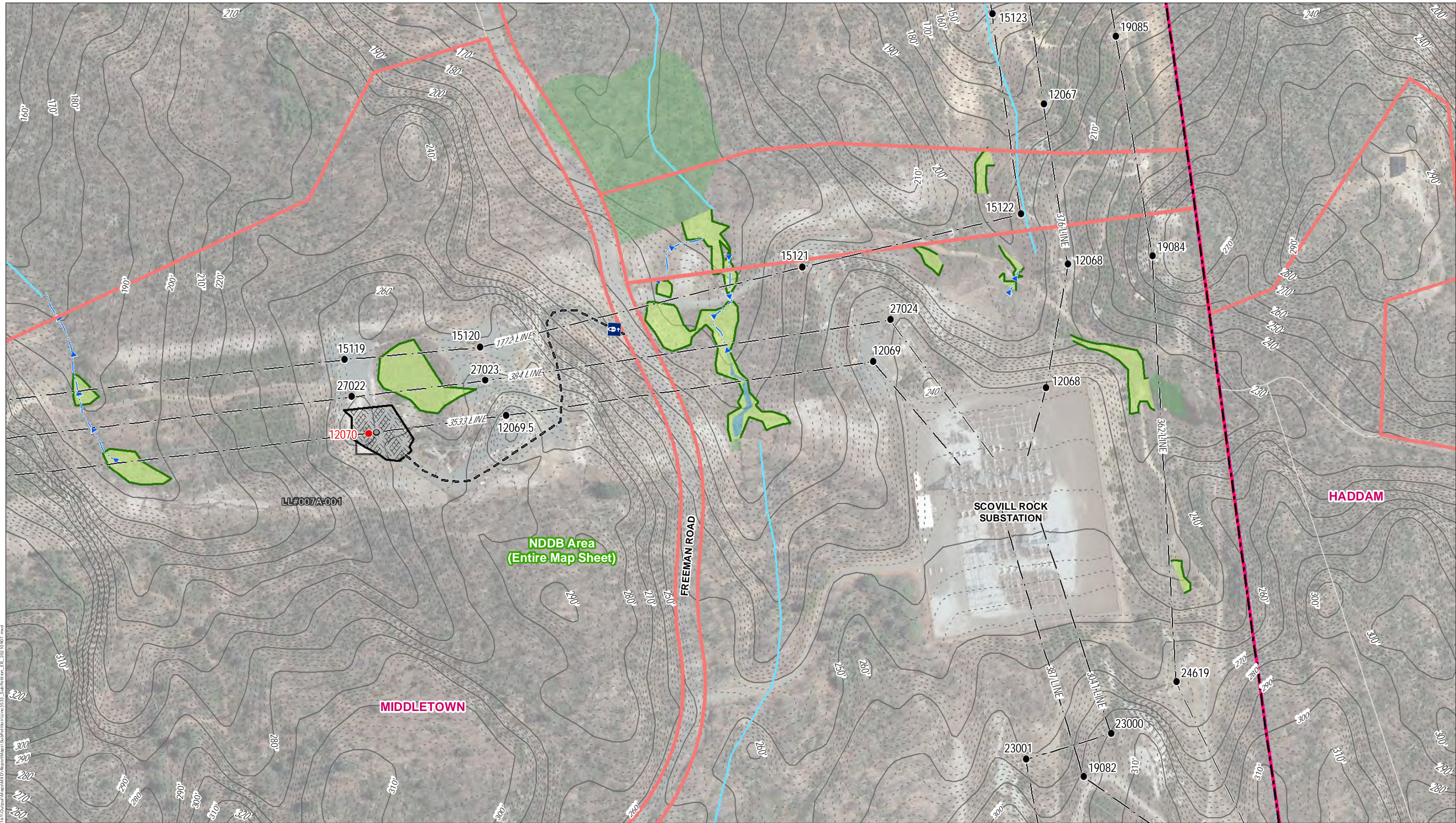
Middletown, CT MAP SHEET 1 of 2

Date: September, 2021

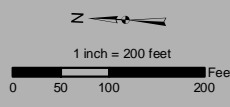
THIS MAPPING PRODUCT HAS BEEN CREATED TO COMPLY WITH SUBMITTAL REQUIREMENTS TO OBTAIN CERTAIN REGULATORY APPROVALS AND, AS SUCH, THERE IS NO RELIANCE ON THE INFORMATION CONTAINED HEREIN FOR ANY OTHER PURPOSE.

**3533 Line – Structure Replacement Project
Map Sheet 2 Abutter Table**

Line List	Owner First Name	Owner Last Name	Parcel Address	Town	State
007A-001	THE ROCKY RIVER REALTY CO		RIVER RD	MIDDLETOWN	CT



Legend			
● Existing Structure	Field Delineated Wetland	▭ Eversource Owned Property	Ⓜ Gate
○ Existing Structure to be Removed	▬ Delineated Intermittent Watercourse	▭ Line List Parcel	Ⓜ Culvert
▭ Proposed Structure	▬ Open Water	LL#100 Line List Label	
▬ Overhead Eversource Line	▬ Watercourse (not delineated)	▭ Municipal Boundaries	
▬ Existing Access	▬ Approximate Wetland (not delineated)	▬ 2ft Contour Line	
▭ Stone Work Pad	▭ Natural Diversity Database Area (June 2021)	▬ 10ft Contour Line	
▭ Existing Gravel	▬ Delineated Wetland Boundary Outline		
▬ Delineated Wetland Boundary Outline			



NO.	DATE	REVISIONS

EVERSOURCE

3533 Line - Structure Replacement Project

Middletown & Haddam, CT MAP SHEET 2 of 2

Date: September, 2021

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.

ATTACHMENT D
MUNICIPALITY LETTER
AND PROOF OF NOTICE

October 8, 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 Eversource right-of-way in Middletown. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-MI-03 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 two structures due to structure age, weather, and/or woodpecker activity. 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-MI-03 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,

Wayne Vargas

Wayne Vargas
Eversource Project Manager – Transmission Projects

