



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

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

September 14, 2020

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

Re: Sub-Petition No. 1293-CA-01

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-CA-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Canton, Connecticut. The work includes replacing one existing wood transmission structure with a new weathering steel transmission structure.

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

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: 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: Canton

Sub-Petition 1293-CA-01

Project: 1256 Transmission Line Structure Replacement Project

Structure Locations: One Transmission Line Structure located in Canton, 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 1256 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, one structure requires replacement on the 1256 Line near Canton Substation in Canton, Connecticut. The 1256 Line, in its entirety, is a 115-kilovolt line that extends from Canton Substation to Northeast Simsbury Substation in Simsbury. The structure to be replaced is a wood monopole structure that will require a slight 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 one existing wood monopole structure, Structure 40001, with a new weathering steel monopole structure.

To facilitate system reliability of the transmission line, optical ground wire ("OPGW") will be installed during a future project. The structure replacement location associated with Structure 40001 will also be utilized as a pull pad location for the future OPGW project.

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 an existing access road (collectively the "Work Areas").
- 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 ("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. 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) The replacement structure will increase in height by five 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 structure 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 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.
- 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 structure within Eversource's property.

Eversource will access the Work Area by entering Eversource's property from an existing access point on Morgan Road in Canton. The access is a paved driveway that leads to Canton Substation and no improvements are necessary.

By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS

Structure #40001



Structure #40001



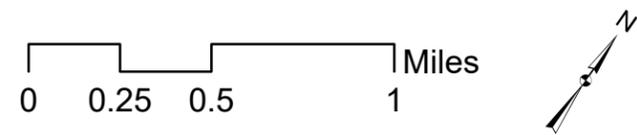
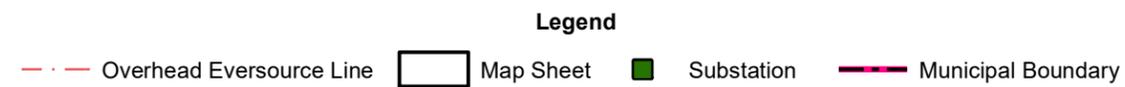
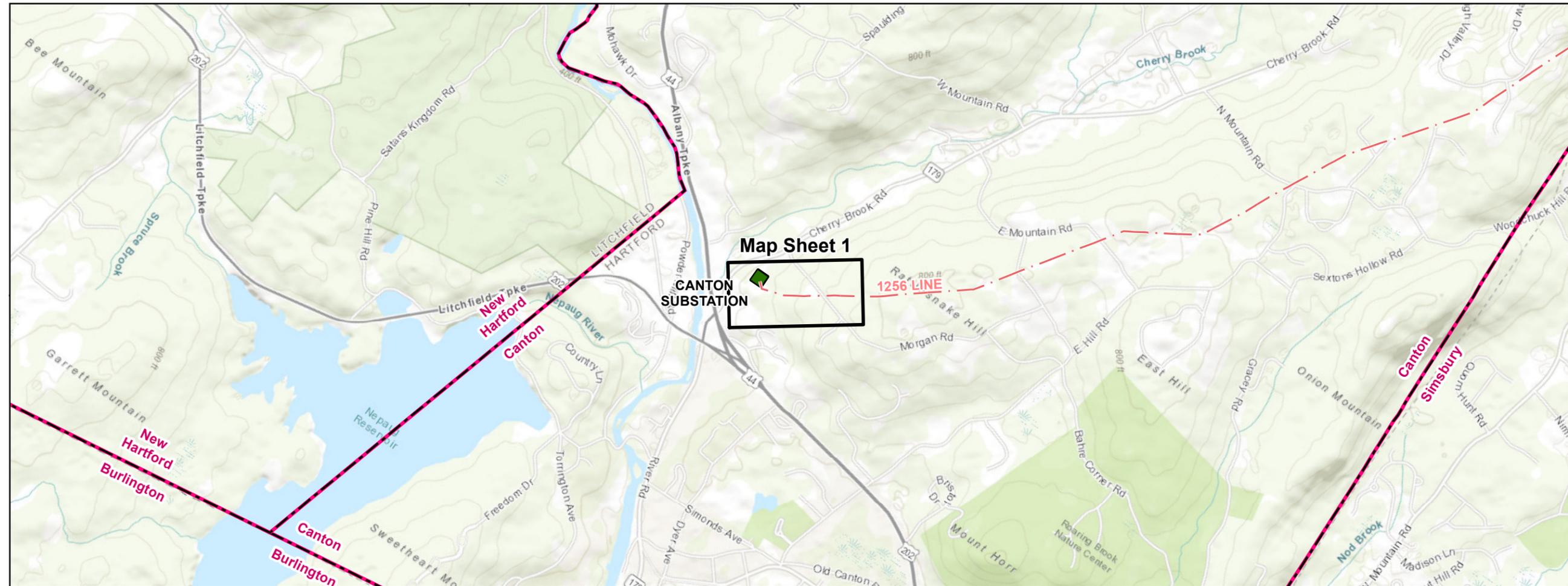
ATTACHMENT C

MAPS

1256 LINE - STRUCTURE REPLACEMENT PROJECT

Canton, CT
Sub-Petition Map Set

08/27/2020



PREPARED FOR:

EVERSOURCE
ENERGY
107 Selden Street
Berlin, CT 06037

INDEX OF FIGURES

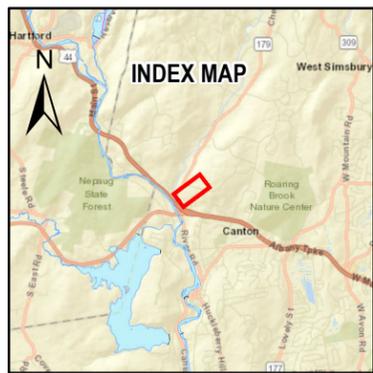
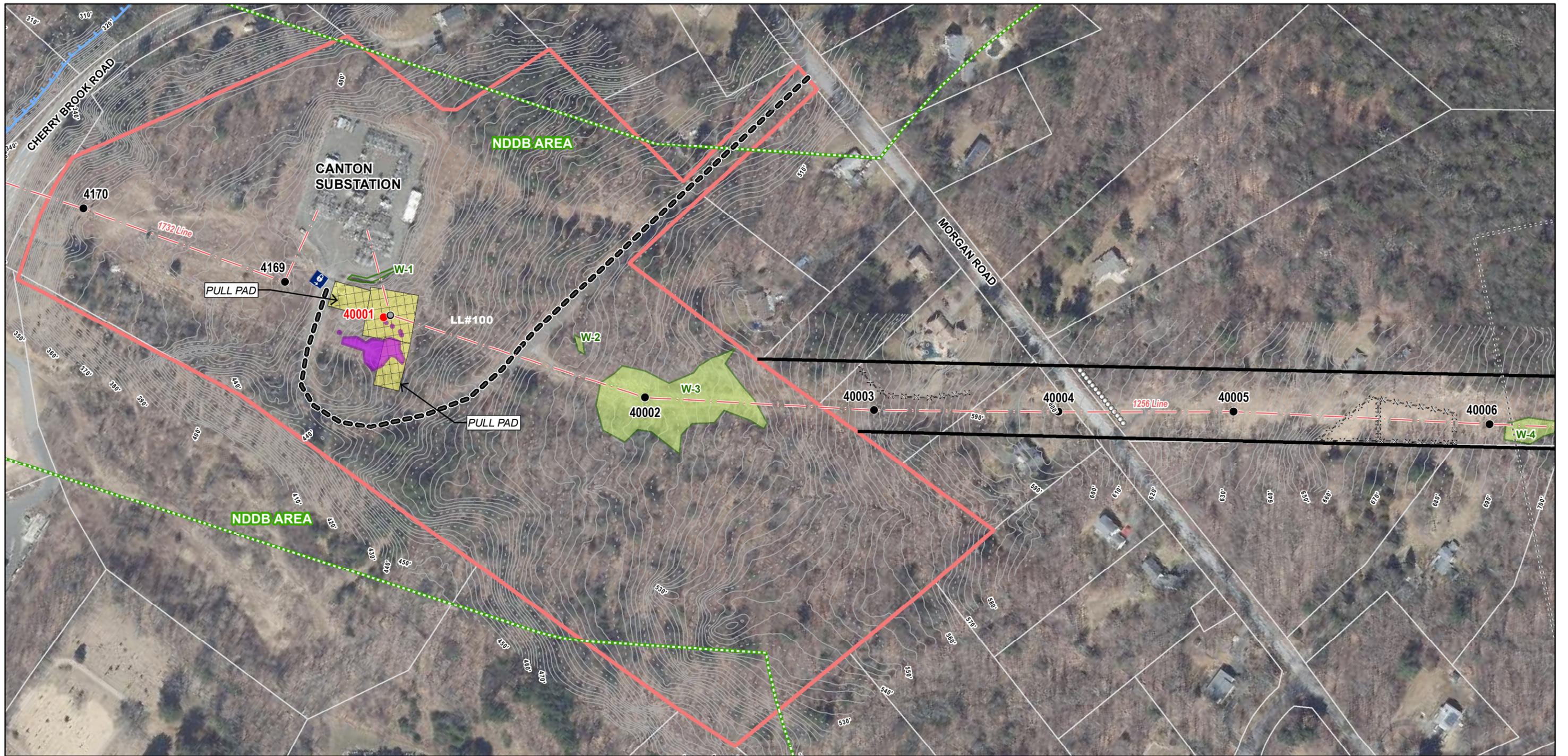
Title Sheet/Index Map
Map Sheet 1 and Abutter Table

PREPARED BY:

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

Map Sheet 1 of 1
1256 Line Structure Replacement Project
Sub-Petition Abutter Table

Line List No.	Owner Name	Parcel Address	PARCEL TOWN	PARCEL STATE
100	CONNECTICUT LIGHT & POWER CO	MORGAN ROAD	HARTFORD	CT



Legend

- - - Overhead Eversource Line
- Proposed Structure
- Existing Structure
- Existing Structure To Be Removed
- - - Existing Access
- 🚪 Gate
- Field Delineated Wetland
- - - Delineated Wetland Boundary Outline
- NDDB Area June 2020
- Parcel Boundary
- Temporary Construction Mat
- Existing Right-of-Way (ROW)
- Eversource Owned Property
- Municipal Boundary
- 2-ft Contour
- - - 10-ft Contour
- Stone Wall
- x-x-x-x Fence
- Confirmed Frosted Elfin Habitat





1 inch = 200 feet

1256 LINE - STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set

08/27/2020

Canton, Connecticut

Map Sheet 1 of 1

EVERSOURCE ENERGY

 **GZA GeoEnvironmental, Inc.**
Engineers and Scientists
www.gza.com

ATTACHMENT D
PROOF OF NOTICE

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 September 14, 2020, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-CA-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below. 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 Official:

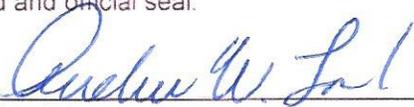
Town of Canton CT
Robert Bessel, First Selectman
4 Market Street, P.O. Box 168
Collinsville, CT 06022



James L. Smith
Project Siting Specialist

On this the 14th day of September 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.



Signature

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