



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

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

June 8, 2018

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-EGG-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in East Granby and Granby, Connecticut. The work includes replacing 7 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of East Granby and Granby 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 and Photo Simulation
Exhibit C: Maps
Exhibit C: 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

Towns: East Granby and Granby

Sub-Petition No. 1293-EGG-01

Project: 1768 Transmission Line Structure Replacement Project

Structure Location: 7 Transmission Structures located in East Granby and Granby, 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 1768 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 the Connecticut portion of the 1768 Line, which is a 115-kV transmission line that extends from Southwick Substation in Southwick Massachusetts ("MA"), into the Connecticut towns of Granby, East Granby, and Suffield and back into MA to the South Agawam Substation in Agawam MA. Of the structure replacements in Connecticut, 7 structures will require slight increases in structure height to comply with current clearance requirements.

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 7 existing wood H-Frame structures with new weathering steel H-Frame structures that are slightly taller (9 feet or less) than the existing structures. The replacement structures will be installed within 15 feet of the existing 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) Work Activities would take place in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing and proposed new access roads as well as some temporary access roads (collectively the "Work Areas").
- b) Work Activities would result in ±30,625 square feet ("SF") of temporary wetland impacts limited to temporary construction matting required for the construction of access roads to structures 11054, 11062, and 11100 and work pads for structures 11054 and 11100. See table below for details.

Access Roads	Construction Work Pads	Temporary Wetland Impacts (SF)
Access to structure 11054		±1,712
Access to structure 11062		±3,307
Access to structure 11100		±9,123
	Structure 11054	±6,483
	Structure 11100	±10,000
		Total: ±30,625

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 impact to nearby wetland and watercourse resources.

- c) No vernal pools are located in proximity to the Work Activities.
- d) As a result of Eversource's review of the Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Data Base ("NDDDB"), only Work Areas associated with the access and work pad for structures 11054 and 11100 are proposed within NDDDB buffered areas and wetland jurisdictional areas, and therefore would be subject to a NDDDB review request. Work will be conducted in accordance with Eversource's BMPs to avoid and minimize impact to terrestrial habitats that may support rare species. Eversource is currently in consultation with CTDEEP regarding the Project's proposed work in these areas and will adhere to any state-listed species protection measures recommended by CTDEEP, and which will be incorporated into the Company's BMPs during construction. Therefore, it is not likely that an adverse impact to rare species will result from activities proposed in the Work Areas.
- e) The structure replacements will not require any clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation removal/mowing within the managed ROW corridor to improve access to portions of the Work Areas.
- f) A Phase 1 assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office was conducted by Heritage Consultants,

LLC (“Heritage”) revealed that no National or State Register of Historic Places properties/districts are located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and soil profiles, one of the proposed work pad locations was identified to possess a potential for moderate to high archaeological sensitivity. A Phase B cultural reconnaissance survey (shovel testing) at this location found no physical evidence of archaeological significance.

- g) Increased heights of the 7 replacement structures average approximately 8 feet and none will exceed 9 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) There are no 100-year flood zones in the Work Areas where the proposed Work Activities would be performed.
- j) No change in noise levels would result from installation of the new structures and the line would continue to comply with the State of Connecticut noise regulations.
- k) Any changes in electric and magnetic field levels off the ROW would be negligible.

IV. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment controls will be employed and maintained, as needed, throughout the execution of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Potential impacts to wetlands will be mitigated with the use of temporary matting and adherence to the BMPs.
- Any NDDDB recommended rare species protective measures will be incorporated into the Company's BMPs during construction.
- 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. 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 access roads would be constructed to facilitate access to structures within the ROW and existing access roads would be hardened and temporarily widened at turning areas to

facilitate the safe passage of construction vehicles. Some new temporary access roads would also be constructed utilizing construction matting to facilitate access to structures within the ROW. The matting will be removed upon completion of the project and the areas restored, as necessary.

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

- Turkey Hills Road for structure 11054
- Petersen Road for structure 11062
- Notch Road for structures 11085 and 11086 (please note; steep terrain prevents access from the south end of Notch Road)
- Candlewood Drive for structure 11090 (off-ROW access from an alternative location on Notch Road would be used if rights are obtained)
- Notch Road for structure 11094
- Quarry Road for structure 11100

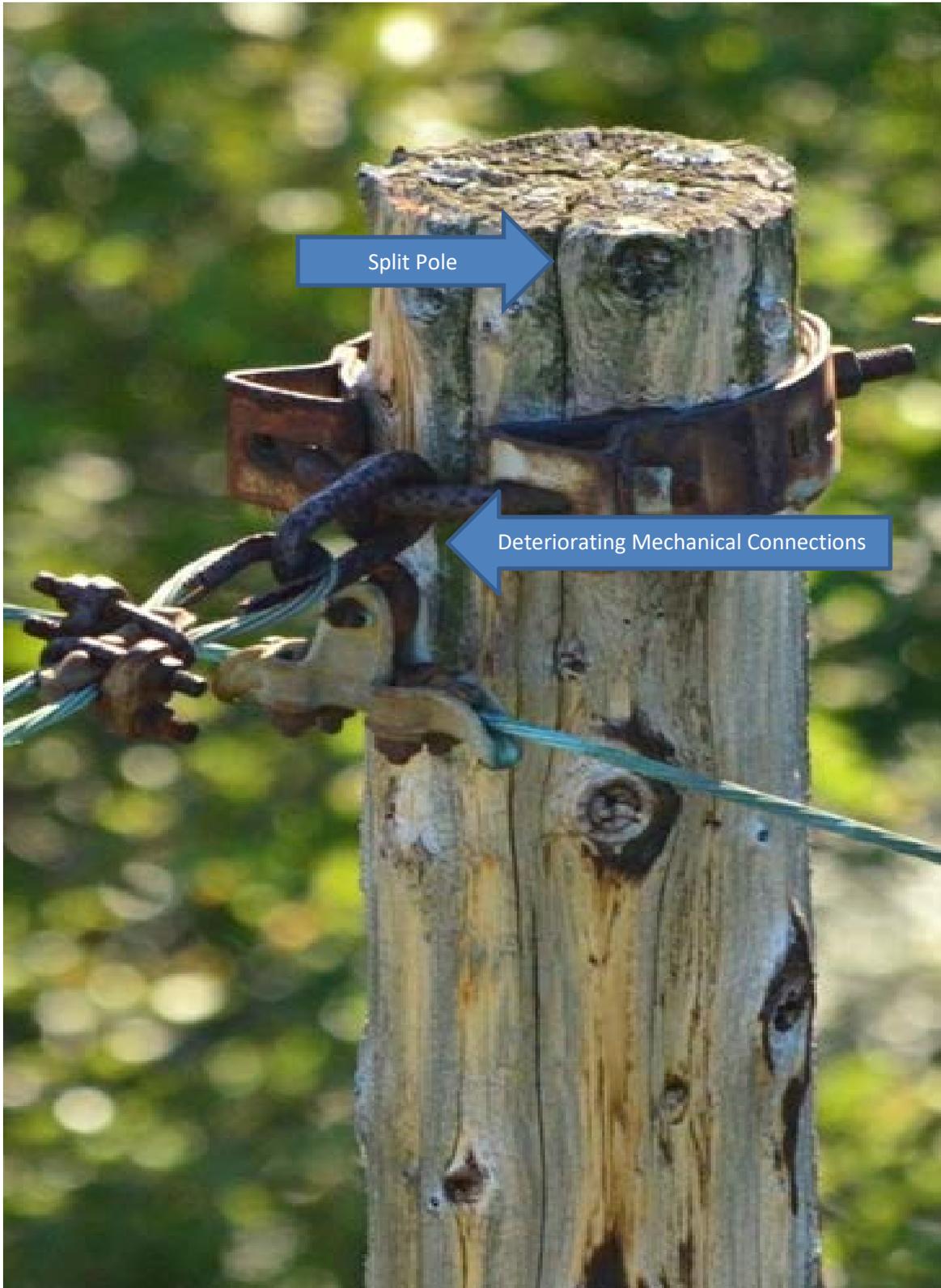
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

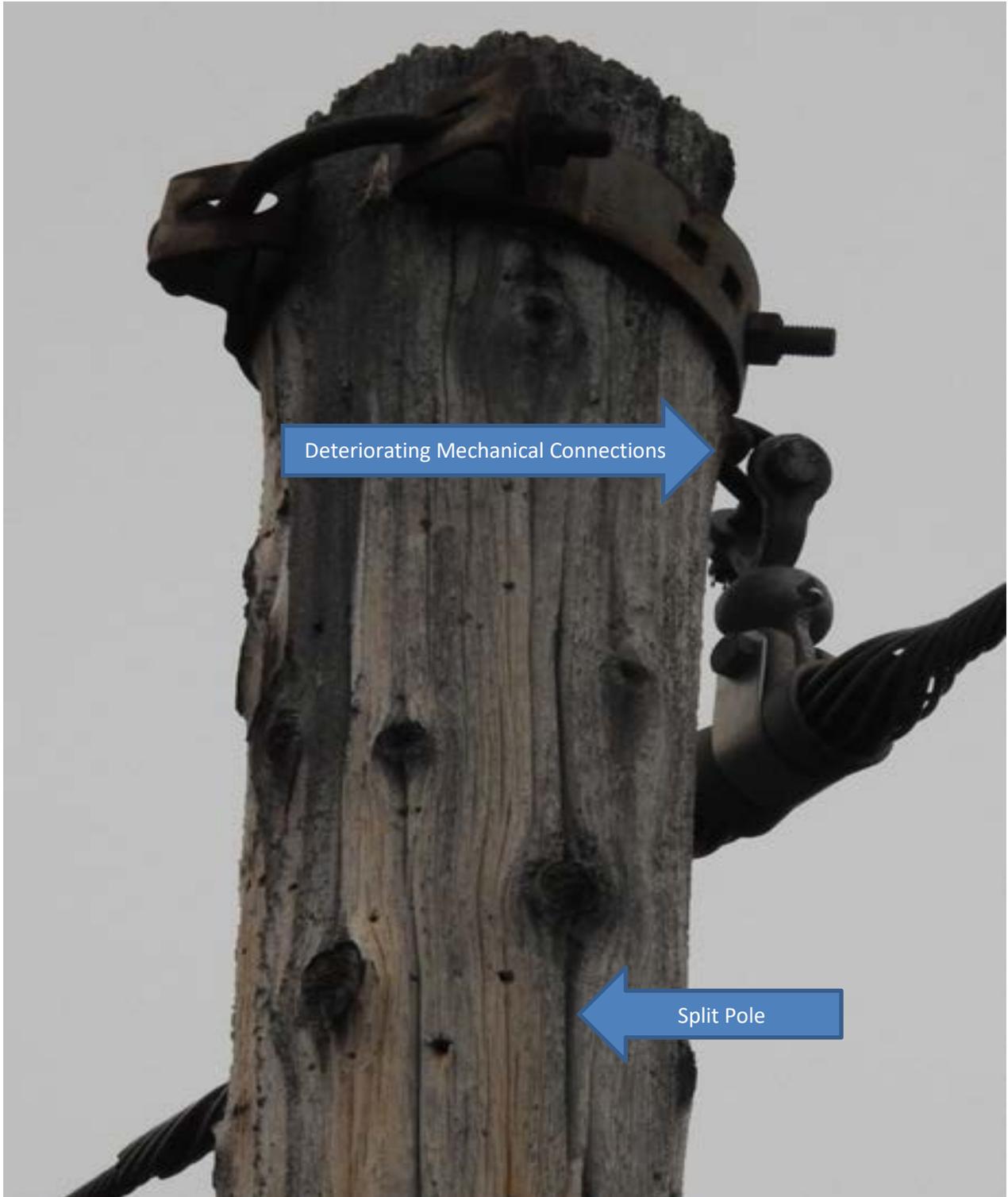
Structure #11054



Structure #11062



Structure #11085



Structure #11094





EXISTING

1768 LINE
STRUCTURE 11100

LOCATION
QUARRY ROAD - GRANBY, CT

ORIENTATION
NORTH



PROPOSED

1768 LINE
STRUCTURE 11100

LOCATION
QUARRY ROAD - GRANBY, CT

ORIENTATION
NORTH



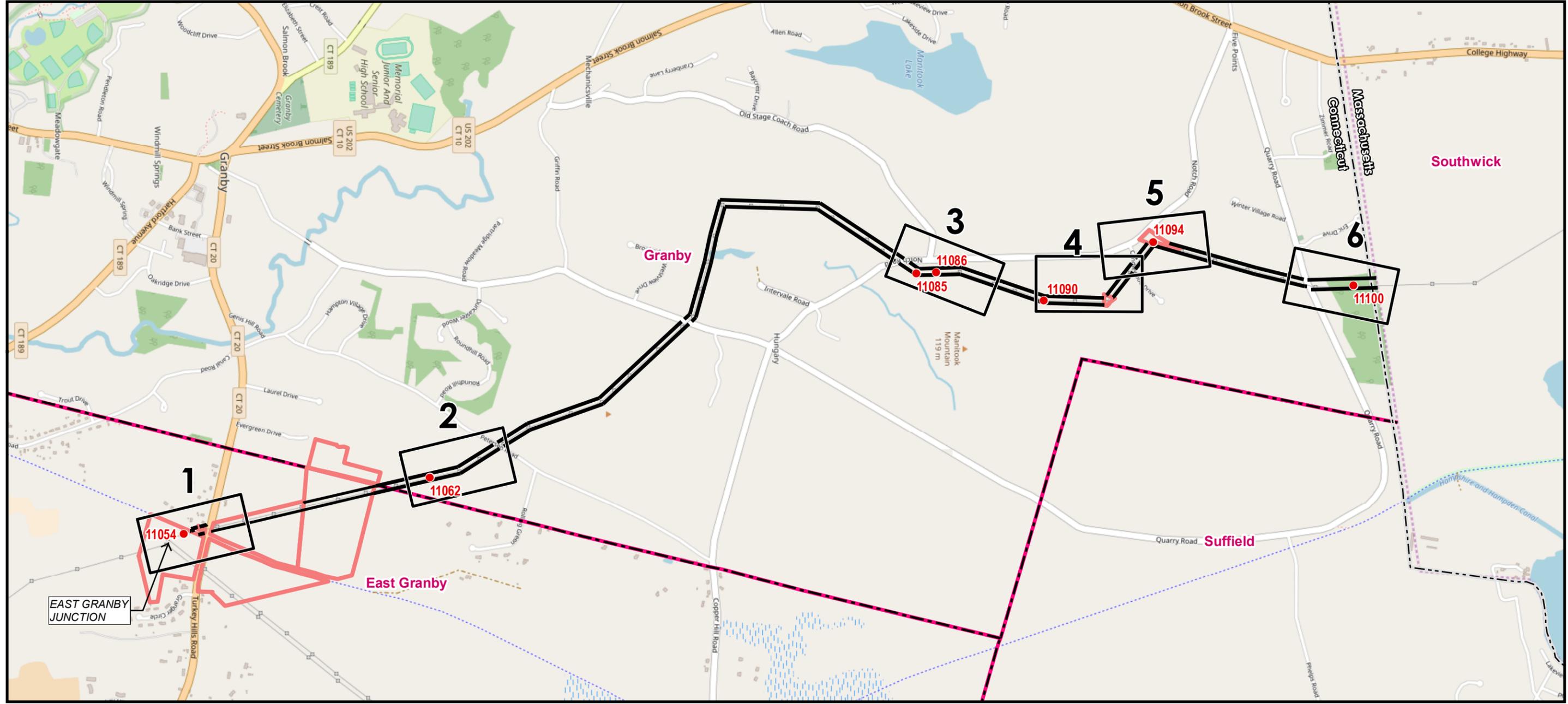
ATTACHMENT C

MAPS

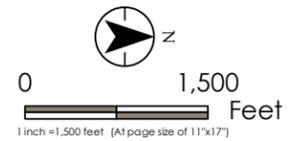
1768 Line - Structure Replacement Project

East Granby & Granby, CT
 Sub-Petition Map Set
 Date: 6/6/2018

VA:1956\active\195601432\03_drawing.ctb\1768 Line 1768 SF_Replace_SubPetition_IndusSheet.mxd Revised: 2018-06-06 By: khovced



- Legend**
- Proposed Structure
 - Existing Right-of-Way
 - Map Sheet
 - Eversource Owned Property



INDEX OF FIGURES
 Title Sheet/Index map
 Abutters Lists & Mapsheets

PREPARED FOR
EVERSOURCE
 ENERGY

107 Selden Street
 Berlin, CT 06037

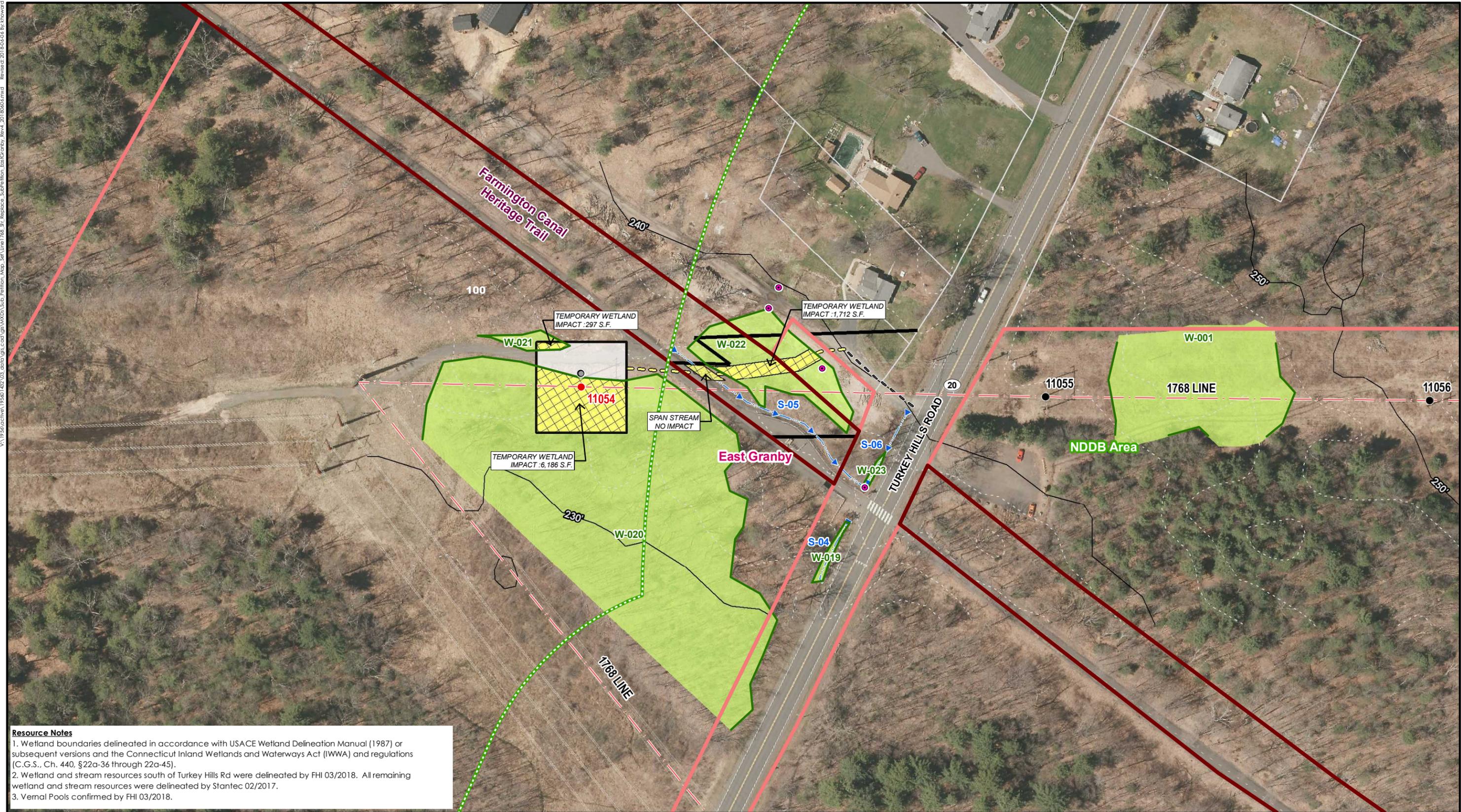
PREPARED BY
Stantec

30 Park Drive
 Topsham, ME 04086

Mapsheet 1 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

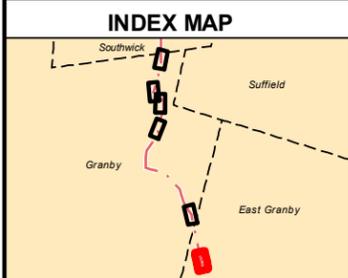
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100	CONNECTICUT LIGHT AND POWER CO		TURKEY HILLS ROAD	EAST GRANBY	CT

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Resource Notes

1. Wetland boundaries delineated in accordance with USACE Wetland Delineation Manual (1987) or subsequent versions and the Connecticut Inland Wetlands and Waterways Act (IWWA) and regulations (C.G.S., Ch. 440, §22a-36 through 22a-45).
2. Wetland and stream resources south of Turkey Hills Rd were delineated by FHI 03/2018. All remaining wetland and stream resources were delineated by Stantec 02/2017.
3. Vernal Pools confirmed by FHI 03/2018.



- Legend**
- Existing Structure
 - Proposed Structure
 - Existing Structure to be Removed
 - Existing Access
 - Proposed Access
 - Proposed Alternate Access
 - Access Road to be Improved
 - Overhead Eversource Line
 - Existing Right-of-Way
 - Temporary Construction Matting
 - Stone Work Pad

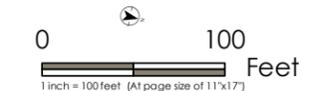
- X=X= Fence
- Delineated Wetland Boundary
- Delineated Intermittent Watercourse
- Delineated Perennial Watercourse
- Confirmed Vernal Pool
- 100' Vernal Pool Buffer
- Field Delineated Wetland
- FEMA 100 Year Flood Zone
- Natural Diversity Database (NDDB)
- Critical Habitat

- Culvert
- Gate
- Parcel Boundary
- Municipal Boundary
- State Boundary
- Eversource Owned Property
- State-Owned Property
- 2' Contour Line
- 10' Contour Line

*All legend items may not appear on each mapsheet.

Map Notes:
 Basemap: 2016 Statewide Leaf-off Orthoimagery provided by Connecticut Environmental Conditions Online (CTECO).
 Data source: CT DEEP, CT DEP, FEMA, FHI, and Stantec.

The information/data provided in this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation or parcel level analysis. The maps should not be used for construction purposes.



1768 Line
Structure Replacement Project

East Granby
Connecticut

Revision: 4
Mapsheets 1 of 6

June 6, 2018

Mapsheet 2 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

LINE LIST NUMBER	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL CITY/TOWN	PARCEL STATE
101	DENNIS & GAYL A	PURINTON	68 PETERSEN ROAD	GRANBY	CT

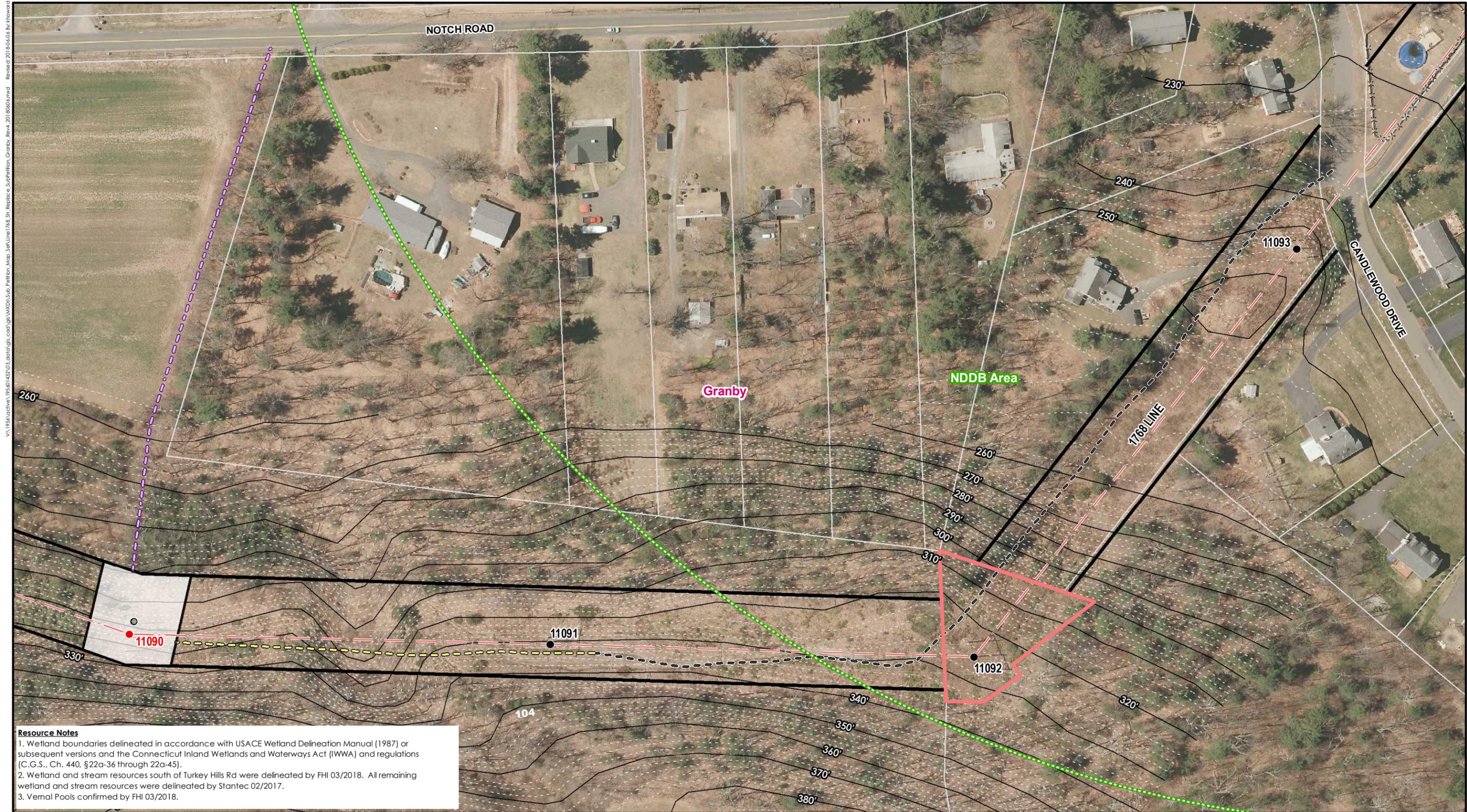
Mapsheet 3 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

LINE LIST NUMBER	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL CITY/TOWN	PARCEL STATE
102	THOMAS J & SUSAN	SCHWEGMAN	48 NOTCH ROAD	GRANBY	CT
103	EDWARD F & CINDY	GIROLAMO	50 NOTCH ROAD	GRANBY	CT

Mapsheet 4 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

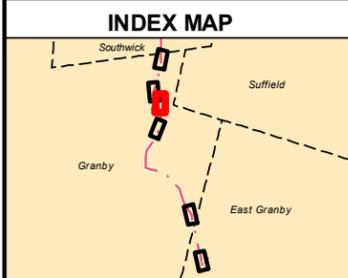
LINE LIST NUMBER	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL CITY/TOWN	PARCEL STATE
104	NOTCH ROAD PROPERTIES LLC		68 NOTCH ROAD	GRANBY	CT

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Resource Notes

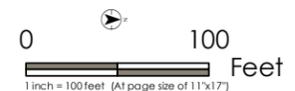
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 - State-Owned Property
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**1768 Line
 Structure Replacement Project**

**Granby
 Connecticut**

**Revision: 4
 Mapsheet 4 of 6**



June 6, 2018

Mapsheet 5 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

LINE LIST NUMBER	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL CITY/TOWN	PARCEL STATE
105	CONNECTICUT LIGHT & POWER CO		122 NOTCH ROAD	GRANBY	CT
106	HOA VAN	NGUYEN	120 NOTCH ROAD	GRANBY	CT
107	PARTNERED REALESTATE INVESTMENTS LLC		122R NOTCH ROAD	GRANBY	CT

Mapsheet 6 of 6
1768 Line Structure Replacement Project
Sub-Petition Abutters List

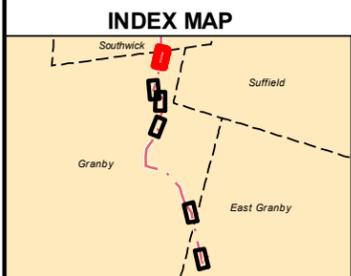
LINE LIST NUMBER	OWNER FIRST NAME	OWNER LAST NAME	PARCEL ADDRESS	PARCEL CITY/TOWN	PARCEL STATE
108	GRANBY LAND TRUST INC		104 QUARRY ROAD	GRANBY	CT

VA:195(A\active)195601452\03_data\figs_cad\figs_MXD\Sub_Perform_Map_Sat_View_1768_Shr_Replace_SubPeltier_Granby_Rev4_20180606.mxd Revised: 2018-06-06 By: Howard



Resource Notes

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<p>Legend</p> <ul style="list-style-type: none"> ● Existing Structure ● Proposed Structure ● Existing Structure to be Removed — Existing Access — Proposed Access — Proposed Alternate Access — Access Road to be Improved — Overhead Eversource Line — Existing Right-of-Way — Temporary Construction Matting — Stone Work Pad 	<ul style="list-style-type: none"> X=X= Fence — Delineated Wetland Boundary — Delineated Intermittent Watercourse — Delineated Perennial Watercourse — Confirmed Vernal Pool — 100' Vernal Pool Buffer — Field Delineated Wetland — FEMA 100 Year Flood Zone — Natural Diversity Database (NDDB) — Critical Habitat 	<ul style="list-style-type: none"> ○ Culvert □ Gate — Parcel Boundary — Municipal Boundary — State Boundary — Eversource Owned Property — State-Owned Property — 2' Contour Line — 10' Contour Line
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 Feet
1 inch = 100 feet (At page size of 11"x17")

1768 Line
Structure Replacement Project

Granby
Connecticut

Revision: 4
Mapsheets 6 of 6

June 6, 2018

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

June 8, 2018

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 East Granby and Granby, CT. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-EGG-01 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.

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. If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-EGG-01 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 TransmissionInfo@eversource.com. Thank you.

Sincerely,

Brian Ragozzine

Brian Ragozzine
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 June 8, 2018, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-EGG-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 7 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 East Granby
James M. Hayden, First Selectman
PO Box 1858
East Granby, CT 06026

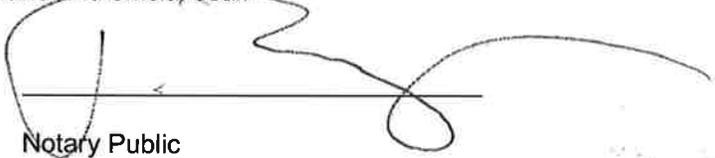
Town of Granby
John D. Ward, Town Manager
15 North Granby Road
Granby, CT 06035



James L. Smith
Project Siting Specialist

On this the 8th day of June, 2018, 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

My Commission expires:

TANIA H. EATON
NOTARY PUBLIC
MY COMMISSION EXPIRES OCT. 31, 2019