

October 4, 2016

Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Branford 1537 / 1655 Line Double-Circuit Tower Split


Dear Chairman Stein:

Attached are an original and fifteen (15) copies of a Petition on behalf of The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource”) requesting a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to structure 4800, which supports two 115-kV lines (the 1537 and 1655 lines) outside of the Branford Substation in the Town of Branford.

Prior to submitting this Petition, representatives from Eversource briefed municipal officials. Written notice was provided to all direct abutters notifying them of the proposed work and the Petition being filed with the Council. A map and line list identifying the abutting property owners who were notified of the Project are provided in Attachment B:

A check in the amount of \$625 for the required filing fee is also attached.

Sincerely,



Kathleen Shanley
Manager – Transmission Siting

Attachment: Petition

cc: James B. Cosgrove, First Selectman, Branford

THE CONNECTICUT LIGHT AND POWER COMPANY doing business as
EVERSOURCE ENERGY
PETITION TO THE CONNECTICUT SITING COUNCIL
FOR A DECLARATORY RULING OF
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT
FOR THE PROPOSED MODIFICATIONS TO
STRUCTURE 4800 OUTSIDE OF THE BRANFORD SUBSTATION FACILITY IN THE TOWN
OF BRANFORD, CONNECTICUT

1. Pursuant to Section 16-50g et seq. of the Connecticut General Statutes, The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource” hereby petitions the Connecticut Siting Council (“Council”) for a Declaratory Ruling that a Certificate of Environmental Compatibility and Public Need (“Certificate”) is not required for proposed modifications to transmission line structure 4800 that are described herein (the “Project”). Structure 4800 currently supports two 115-kV transmission lines, the 1537 Line and the 1655 Line, outside of the Branford Substation facility in the Town of Branford. Eversource submits that no such Certificate is required because the proposed modifications would not have a substantial adverse environmental effect.

2. Purpose of the Project

The purpose of the proposed Project is to eliminate potential transmission system thermal criteria violations based on the results of the May 2014 Greater Hartford and Central Connecticut Area (“GHCC”) Needs Assessment performed by Independent System Operator of New England (“ISO-NE”) and in accordance with the February 2015 GHCC Solutions Study performed by ISO-NE (“Study”). The violations will be eliminated by separating the 1537 Line from the 1655 Line outside of the Branford Substation where they currently share a common support structure in a double-circuit tower (“DCT”) configuration.

3. Project Description

This Project would take place within the existing 1537/1655 transmission line right-of-way outside of the Branford Substation facility located at 269 US-1/East Main Street in the Town of Branford. Both lines are 115-kV. Eversource proposes the following modifications:

- Installation of one weathering steel single-circuit monopole on a caisson foundation. The height of the existing structure 4800 is approximately 105 feet above ground level. The new proposed structure, structure 4782, would be approximately 10 feet taller than

the existing structure. Structure 4782 would be installed approximately 26 feet to the east of structure 4800.

- Structure 4800, which currently supports both the 1537 Line from Branford Substation to Branford Railroad Substation and the 1655 Line from Branford Substation to North Haven Substation, will remain. The 1655 Line would be relocated to the new steel single-circuit monopole structure, structure 4782. The 1537 Line would remain on structure 4800.

The proposed modifications are shown on Attachment A: Drawing No. 01053-85001-1537/1655 Lines DCT Splits – Proposed ROW Cross Section – Structure 4782 and Attachment B: GHCC 1655 & 1537 Lines DCT Split.

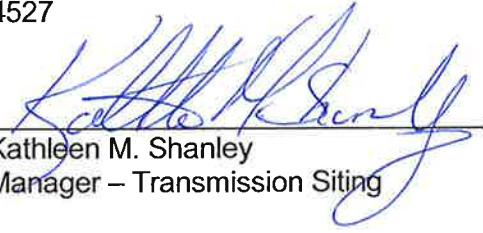
The proposed modifications would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics of the transmission line ROW or Branford Substation because:

- The proposed new structure would be approximately 10 feet taller than the existing structure and would not cause any significant adverse change in the physical or environmental characteristics of the site.
- The ROW would be accessed off of Interstate 95 using an existing access road, as depicted in Attachment B. The existing access road may need to be graded, widened, and/or reinforced with additional material for the safe passage of construction vehicles during the work.
- The work would not adversely affect any wetlands or waterways. A portion of the proposed modifications is located within 100-year flood zone of the Branford River. Eversource would utilize best management practices outlined in Eversource's December 2011 Best Management Practices Manual: Connecticut, to minimize any impacts in this area, including the use of construction mats for access within flood zones to ensure that the flood storage capacity of the floodplain is not adversely affected. Prior to significant storm events, Eversource would secure the construction mats to impede lateral movement during temporary flooding. All construction mats would be removed after the Project is complete.
- Eversource reviewed the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Data Base ("NDDB") for state-listed endangered, threatened, or special concern species in the vicinity of the proposed work activities. There are no known state listed species within the Project work area.
- There would be no change to television or radio interference as a result of this work.
- Sound-pressure levels at all points along the property line would not change as a result of this work.

4. Electric and magnetic fields ("EMF") would be affected only in the immediate vicinity of the structure 4800 and changes to EMF at the property line (edge of ROW) will not materially change as a result of this work.
5. Eversource proposes to begin construction in January 2017 and expects that the construction would be completed by June 2017.
6. Section 16-50k(a) of the Connecticut General Statutes provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a "substantial adverse environmental effect." Eversource respectfully submits that the proposed modifications described above would not result in a substantial adverse effect on the environment or ecology, nor would they damage existing scenic, historical or recreational values. Accordingly, Eversource requests that the Council issue a Declaratory Ruling that no Certificate is required.
7. Communications regarding this Petition for a Declaratory Ruling should be directed to:

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
PO Box 270
Hartford, CT 06141-0270
Telephone: (860) 728-4527

By:

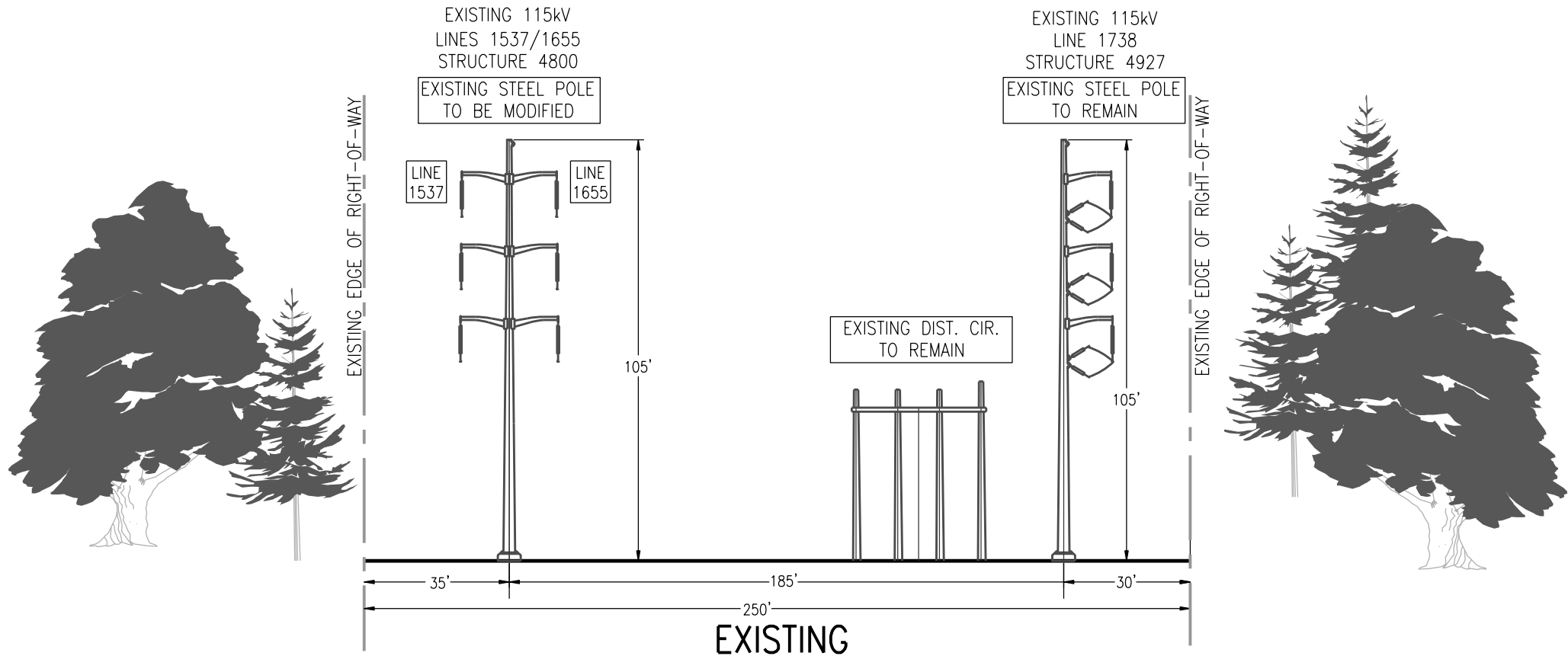

Kathleen M. Shanley
Manager – Transmission Siting

Attachments:

Attachment A: Drawing No. 01053-85001- 1537/1655 Lines DCT Splits Proposed ROW Cross Section – Structure 4782

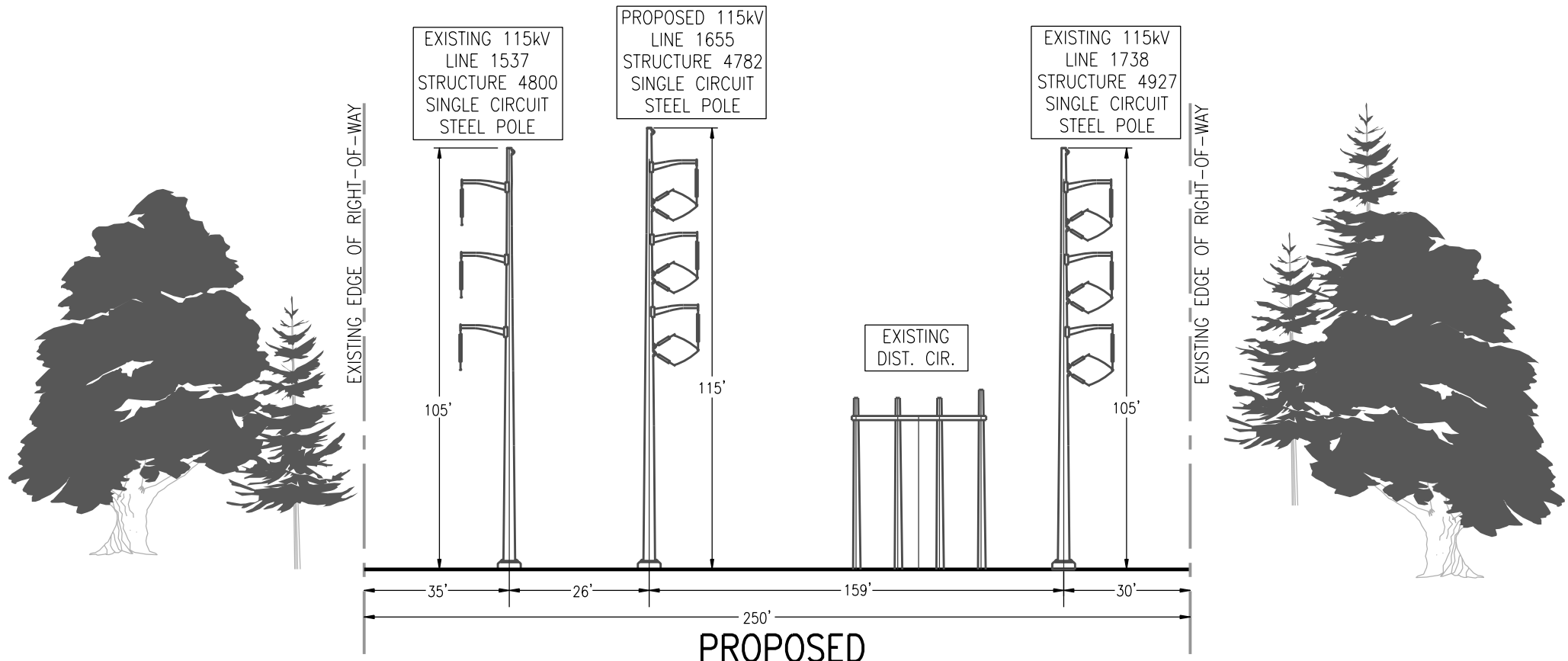
Attachment B: GHCC 1655 &1537 Lines DCT Split.

Attachment C: Letter to Abutters and Affidavit.



EXISTING

PERSPECTIVE IS LOOKING NORTH FROM BRANFORD SUBSTATION TOWARD EXISTING DOUBLE CIRCUIT STEEL POLE.



PROPOSED

PERSPECTIVE IS LOOKING NORTH FROM BRANFORD SUBSTATION TOWARD EXISTING DOUBLE CIRCUIT STEEL POLE.

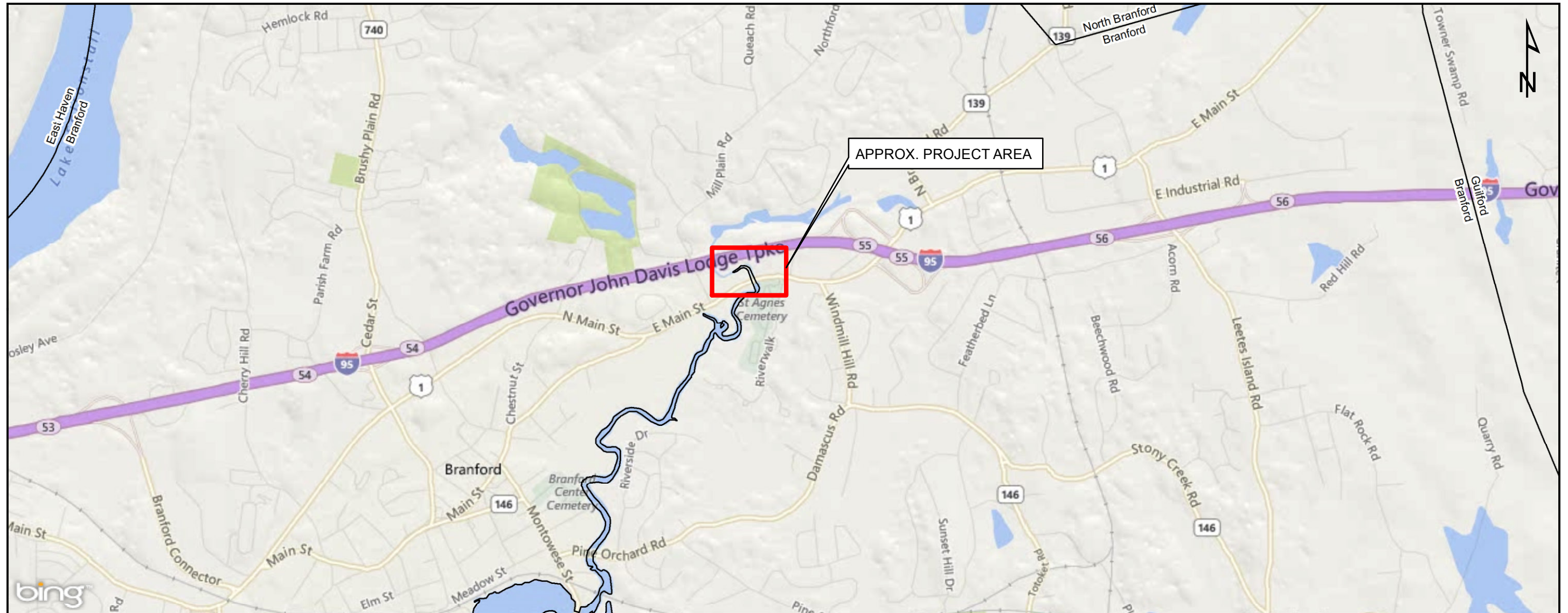
EVERSOURCE ENERGY

1537/1655 LINES DCT SPLITS
PROPOSED ROW CROSS SECTION
Structure 4782
BRANFORD, CT

BY	RAL	CHKD	JFH	APP	Designer or P/C	APP	JFH
DATE	09/26/2016	DATE	09/26/2016	DATE		DATE	09/26/2016
H-SCALE	N.T.S.	SHEET	B	FIELD BOOK & PAGES			
V-SCALE	N.T.S.	V.S.		R.E. DMC			
R.E. PROJ. NUMBER				DMC NO.	01053-85001		



GHCC 1655 & 1537 LINES DCT SPLIT
BRANFORD, CONNECTICUT
PETITION PLAN
09/15/2016



PREPARED FOR



INDEX OF FIGURES

1 inch = 2,000 feet

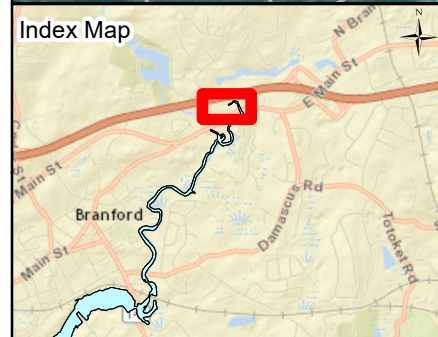
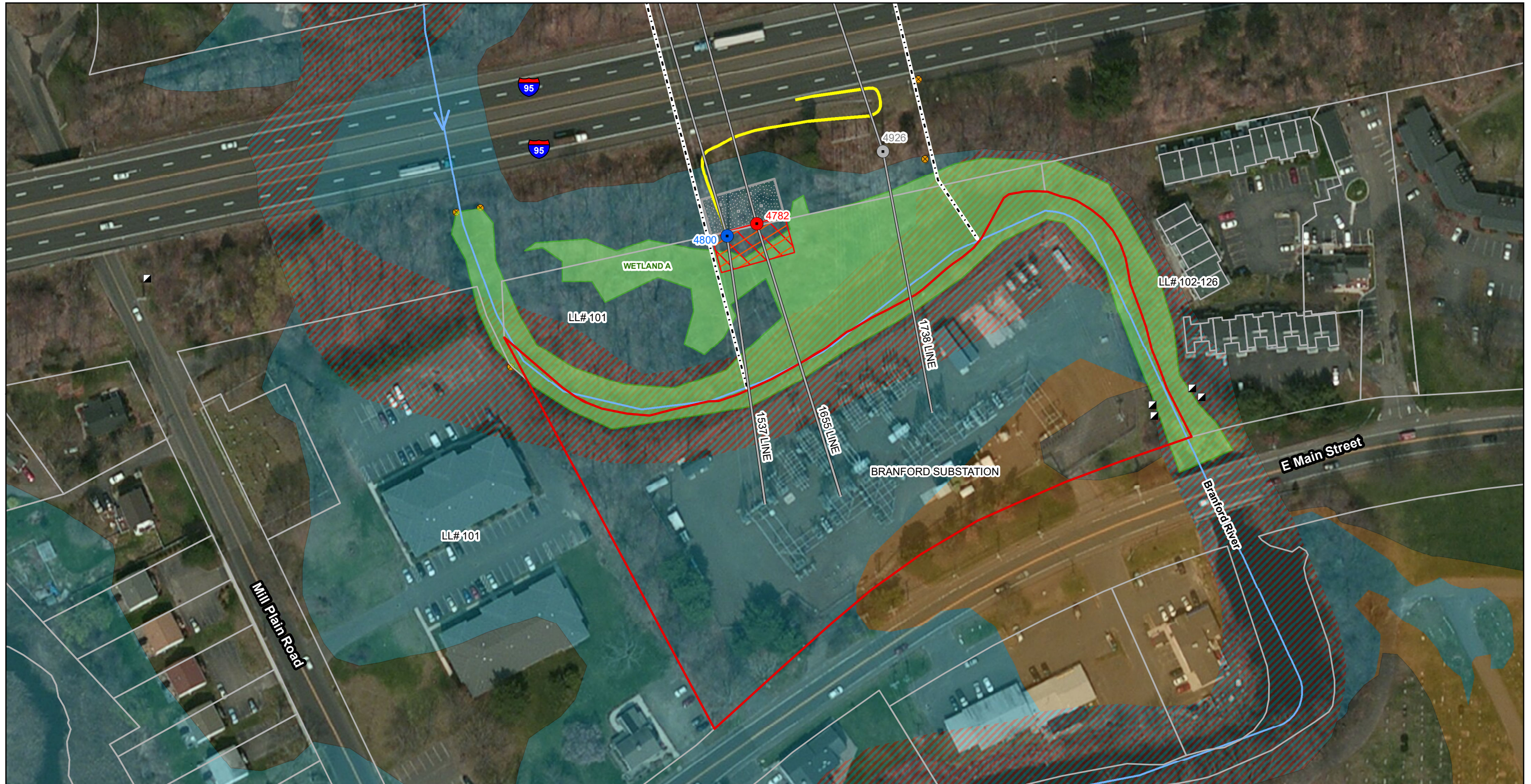
- T1: TITLE SHEET**
- 1: MAP SHEET**

PREPARED BY



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

LINE LIST NO.	OWNER NAME	SITE ADDRESS	CITY
101	OMEGA ESTATES LLC	7-11 MILL PLAIN RD	BRANFORD
102	NARDINI RONALD A ET AL.	1 RIVERS EDGE	BRANFORD
103	PELACCIA MASSIMO	2 RIVERS EDGE	BRANFORD
104	BERTIER DANIEL ET AL.	3 RIVERS EDGE	BRANFORD
105	MARSTON SUZANNE	4 RIVERS EDGE	BRANFORD
106	FERRIOLO ELAINE E	5 RIVERS EDGE	BRANFORD
107	MCCLOSKEY JAMES	6 RIVERS EDGE	BRANFORD
108	FEDERAL NATIONAL MORTGAGE ASSOC	7 RIVERS EDGE	BRANFORD
109	FALCONE PHILIP ET AL.	8 RIVERS EDGE	BRANFORD
110	ELY-MASKAL NANCY	9 RIVERS EDGE	BRANFORD
111	BUSTOS TERESA	10 RIVERS EDGE	BRANFORD
112	JAKUBIEC JENNIFER	11 RIVERS EDGE	BRANFORD
113	PARILLO JAMES V	12 RIVERS EDGE	BRANFORD
114	BARBARA SALLY ANN	13 RIVERS EDGE	BRANFORD
115	RUBINO LILLIAN J	14 RIVERS EDGE	BRANFORD
116	FAIELLA MARK ET AL.	15 RIVERS EDGE	BRANFORD
117	KIERNAN STEPHEN	16 RIVERS EDGE	BRANFORD
118	TAD ASSOCIATES	17 RIVERS EDGE	BRANFORD
119	SCIAMBRA PETER	18 RIVERS EDGE	BRANFORD
120	MAURO ELIZABETH L	19 RIVERS EDGE	BRANFORD
121	BORGIA VIRGINIA C	20 RIVERS EDGE	BRANFORD
122	LANGAN GLENN WILLIAM ET AL.	21 RIVERS EDGE	BRANFORD
123	MELILLO JANET	22 RIVERS EDGE	BRANFORD
124	LAVERY MEAGHAN E	23 RIVERS EDGE	BRANFORD
125	GUIDONE WAYNE D	24 RIVERS EDGE	BRANFORD
126	CHARBONNEAU WILLIAM V	25 RIVERS EDGE	BRANFORD



Legend

Proposed Structure	Proposed Construction Mat	100 Line List Reference Number
Existing Structure, 1655 or 1537 Line	Proposed Construction Pad	
Existing Structures, 1738 Line	Field Delineated Wetlands/Watercourse	
Transmission Line Centerline	Perennial Stream/River	
Existing Access	FEMA Regulatory Floodway	
Approx. ROW	FEMA 100 Year Flood Zone	
Eversource-Owned Parcels	FEMA 500 Year Flood Zone	
Parcel Boundary	Culverts	

1 inch = 100 feet

0 50 100 200
Feet

N

Data Sources:
GZA,
Eversource,
CTDEEP,
Base map
acquired from
ESRI Online

GHCC 1655 & 1537 Line DCT Split

PETITION PLAN
09/15/2016

BRANFORD, CT
SHEET 1 OF 1

EVERSOURCE
ENERGY

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

September 30, 2016

Dear Neighbor,

As part of its everyday effort to deliver reliable energy and superior customer service to its customers, Eversource Energy (“Eversource”) is submitting a petition to the Connecticut Siting Council (“CSC”) for a proposed transmission upgrade project in your area.

The upgrade, called the Branford Double-Circuit Tower Split Project (“Project”), is necessary to maintain compliance with national and regional reliability standards. This structure replacement is critical to ensure the continued reliability of the transmission line and the integrity of the transmission system.

The Project includes separating an existing double circuit 115-kV transmission line outside of the Branford Substation on East Main Street in Branford. In order to separate the lines, Eversource would install a new steel monopole parallel to the existing transmission tower. One of the existing 115-kV transmission lines would then be removed from the existing structure and placed on the new structure. The new structure, located between Interstate 95 and the substation fence, will be approximately 10 feet taller than the existing structure.

Pending CSC approval of this proposed work, construction is expected to begin in the first quarter of 2017 and restoration of any affected areas is anticipated by third quarter of 2017.

For more information please call 1.800.793.2202 or send an email to TransmissionInfo@eversource.com.

If you would like to send comments regarding Eversource’s petition to the CSC, please send them via email to siting.council@ct.gov or a letter to the following address:

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

Thank you.

Sincerely,

Chris Runde

Chris Runde
Eversource Project Manager

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT)
) ss. Berlin
COUNTY OF HARTFORD)

Sec. 16-50j-40 of the Regulations of Connecticut State Agencies ("RCSA") provides that proof of notice to the affected municipalities, property owners and abutters shall be submitted with a petition for declaratory ruling to the Connecticut Siting Council ("Council"). In accordance with that RCSA section, I hereby certify that I caused notice of proposed modifications of The Connecticut Light and Power Company doing business as Eversource Energy to be served by mail or courier upon the following municipal officials:


- James B. Cosgrove, First Selectman
Branford Town Hall
1019 Main Street
Branford, CT 06405

I also certify that I caused notice of the proposed modifications to be served by mail or courier upon 26 owners of abutting properties shown on the maps in Attachment A to the Petition.


Chris R. Runde
Project Manager

On this the 04 day of October, 2016, before me, the undersigned representative, personally appeared, Chris Runde, 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:

GINA M. LEO
NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 28, 2021