



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

Web Site: [portal.ct.gov/csc](http://portal.ct.gov/csc)

**VIA ELECTRONIC MAIL**

June 1, 2022

Kathleen M. Shanley  
Manager – Transmission Siting  
Eversource Energy  
56 Prospect Street  
P.O. Box 270  
Hartford, CT 06103  
[kathleen.shanley@eversource.com](mailto:kathleen.shanley@eversource.com)

RE: **SUB-PETITION NO. 1293-BPKP-01 (Brooklyn, Pomfret, Killingly, and Putnam)** – Eversource Energy declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for all transmission facility asset condition maintenance improvements statewide to comply with the updated National Electrical Safety Code clearance requirements.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated May 31, 2022 regarding project changes to the Petition No. 1293 sub-petition for the above-referenced section of transmission line that was approved by the Council on March 26, 2020. The proposed changes will occur on Eversource property north of Day Street in Brooklyn and include the following:

- Replace Structure 7311, an existing double circuit laminate wood pole on the 1505/1607 Line, with two new single circuit weathering steel monopole structures; and
- Replace Structure 7311B, an existing single circuit wood monopole structure on the 1505 Line, with a new weathering steel monopole structure.

The changes are necessary due to recent in-field surveys that identified the existing structures as deteriorated. The new structures will be 13 feet and 3.5 feet higher, respectively, than the existing structures to comply with National Electrical Safety Code standards.

No impacts to environmental or cultural resources will occur. The work areas will be accessed using existing gravel roads. Temporary construction matting will be used to protect an agricultural field.

Pursuant to the Council's Petition No. 1293 decision of March 31, 2017 and the March 26, 2020 decision on this sub-petition, your request for the proposed project changes, as detailed in your May 31, 2022 correspondence, is hereby approved. This approval applies only to the project change dated May 31, 2022. Any additional changes to the sub-petition decision require advance notification and approval.

Thank you for your attention and cooperation.

Sincerely,

Melanie Bachman  
Executive Director



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

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

May 31, 2022

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

Re: Sub-Petition No. 1293-BPKP-01: 1505/1607 Transmission Line Structure Replacement Project  
- Amendment to Sub-Petition pursuant to Condition 2 of the Connecticut Siting Council Sub-Petition Approval – Two Additional Replacement Structures (Eversource Property, Town of Brooklyn)

Dear Attorney Bachman:

On February 24, 2020, the Connecticut Light and Power Company, doing business as Eversource Energy ("Eversource"), filed a Sub-Petition for the above-referenced project with the Connecticut Siting Council ("Council"), regarding maintenance work within its 1505/1607 transmission line right-of-way ("ROW") in Brooklyn, Pomfret, Killingly, and Putnam Connecticut. As detailed in the Sub-Petition, the work included replacing 50 existing wood transmission structures with new weathering steel transmission structures.

On March 26, 2020, the Council issued a letter acknowledging that the subject project would not have an adverse environmental effect and would not require a Certificate of Environmental Compatibility and Public Need. Since the time of the Council's ruling, Eversource has identified two additional transmission structures on the 1505/1607 Line that require replacement due to asset condition. Eversource plans to conduct the transmission structure replacement work to remediate structure damage caused by age, weather, and woodpecker activity. In support of the additional structure replacements, the following work ("Work Activities") will be performed:

- Replace one existing double circuit laminate wood pole structure on the 1505/1607 Line, Structure 7311, with two single circuit weathering steel monopole structures, Structures 7311 and 7311A. The existing structure is 87 feet in height. To comply with current conductor clearance requirements, the replacement for Structure 7311 will increase in height to 100 feet.
- Replace one existing single circuit wood monopole structure on the 1505 Line, Structure 7311B, with a new weathering steel monopole structure. The existing structure is 85 feet in height. To comply with current conductor clearance requirements, the replacement for Structure 7311B will increase in height to 88.5 feet.

Please see revised map sheet 1 of 10 in Attachment A; *"1505 & 1607 Line - Structure Replacement Project" "Sub-Petition Map Set"*, dated February 17, 2020, revised May 3, 2022, and Attachment B; *"Brooklyn Tap – Brooklyn S/S 115-kV Transmission Line Right of Way Cross Section"*.

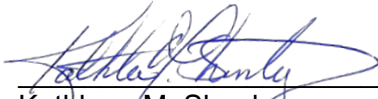
Eversource respectfully submits that the proposed structure replacements would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- All Work Activities would take place on Eversource property, utilizing an existing access road, (collectively the "Work Areas"). The existing access road will be improved, as needed.
- 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)*, April 2022 ("BMPs") to avoid impacts to the nearby watercourse.
- No vernal pools or vernal pool envelopes are located in proximity to the proposed Work Areas.
- 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. Therefore, the Work Areas would not be subject to an NDDB 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.
- The Work Activities will not require any tree clearing. However, Eversource may need to undertake tree trimming and/or vegetation removal/mowing for conductor clearance and/or to improve access to portions of the Work Areas.
- 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 the results of a Phase 1A and Pedestrian Survey conducted by Heritage, Structure 7311B has been identified to possess the potential for moderate to high archaeological sensitivity and Heritage recommended a Phase IB Cultural Resource Assessment and Reconnaissance Survey (shovel pit testing). Two historical period ceramics, including 1 creamware sherd and 1 stoneware sherd were recovered during the Phase IB Survey. Neither of these artifacts were found in association with any above-ground or buried architectural features; they were characterized as unassociated field scatter and were assessed not eligible for listing to the National Register of Historic Places applying the criteria for evaluation (36 CFR 60.4 [a-d]). Based on these findings, Heritage determined that no impacts to cultural resources are expected by the proposed construction and no additional archaeological examination of this location is recommended.
- There are no 100-year flood zones associated with the Work Areas.
- 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.
- Any changes in electric and magnetic field levels outside the ROW would be negligible.
- Temporary environmental effects from construction will be mitigated as referenced in Sub-Petition 1293-BPKP-01.
- Eversource will access the Work Areas by entering its property from an existing access point off Day Street in Brooklyn.

- Prior to submitting this amendment Eversource representatives briefed officials in the Town of Brooklyn concerning the project modifications.

Eversource herewith respectfully requests approval for the requested changes. Enclosed please find an original and 3 copies of this submission. Should you, the Council members or Council staff have any questions regarding this request, please do not hesitate to contact me via e-mail at [kathleen.shanley@eversource.com](mailto:kathleen.shanley@eversource.com) or telephone at (860)728-4527.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", is written over a horizontal line.

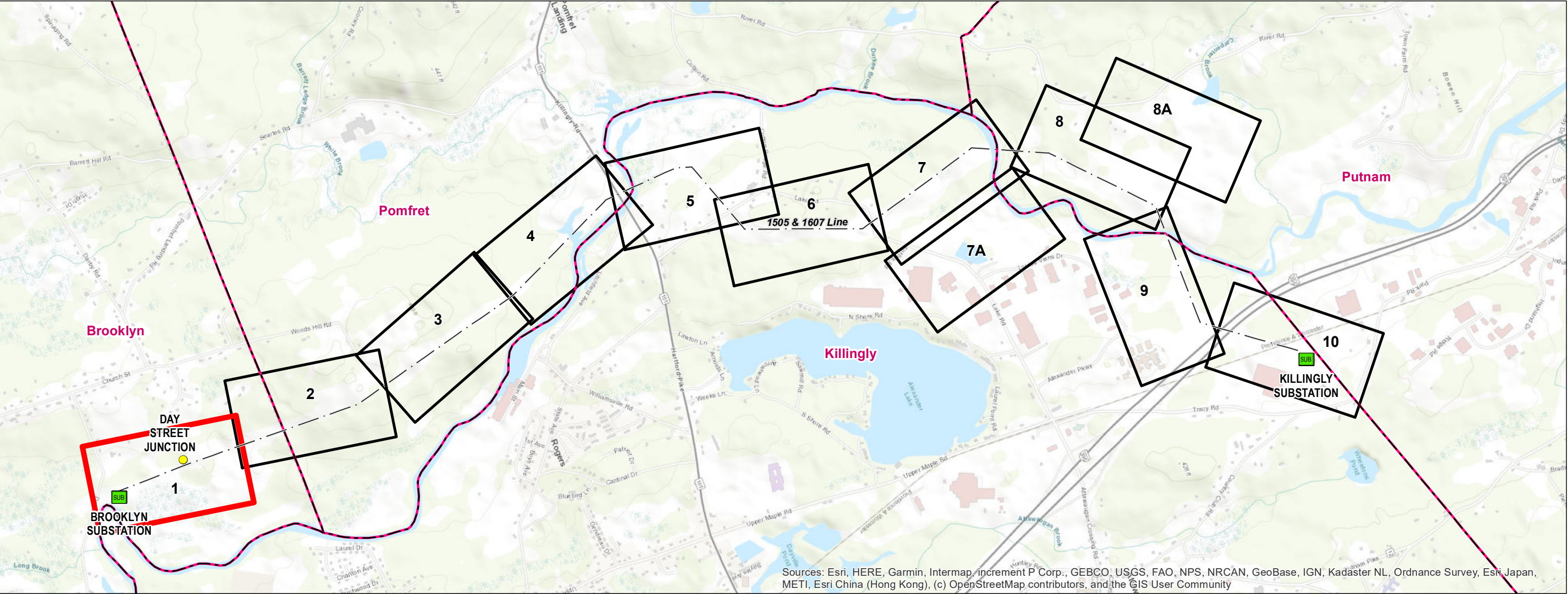
Kathleen M. Shanley  
Manager - Transmission Siting

Enclosure



1505 & 1067 Line - Structure Replacement Project

Brooklyn, Pomfret, Killingly, and Putnam, CT  
Sub-Petition Map Set  
Date: February 17, 2020  
REVISED May 03, 2022



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

SUB Substation    Junction    Map Sheet    Revised Map Sheet    Overhead Eversource Line    Municipal Boundary

0 0.125 0.25 0.5 Miles



PREPARED FOR:

**EVERSOURCE**  
ENERGY

107 Selden Street  
Berlin, CT 06037

INDEX OF FIGURES

Title Sheet / Index Map  
Abutter Tables & Map Sheets 1-10

PREPARED BY:

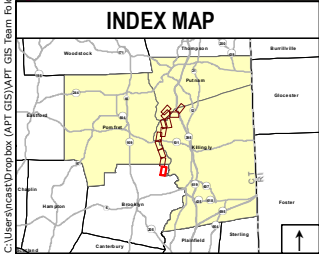
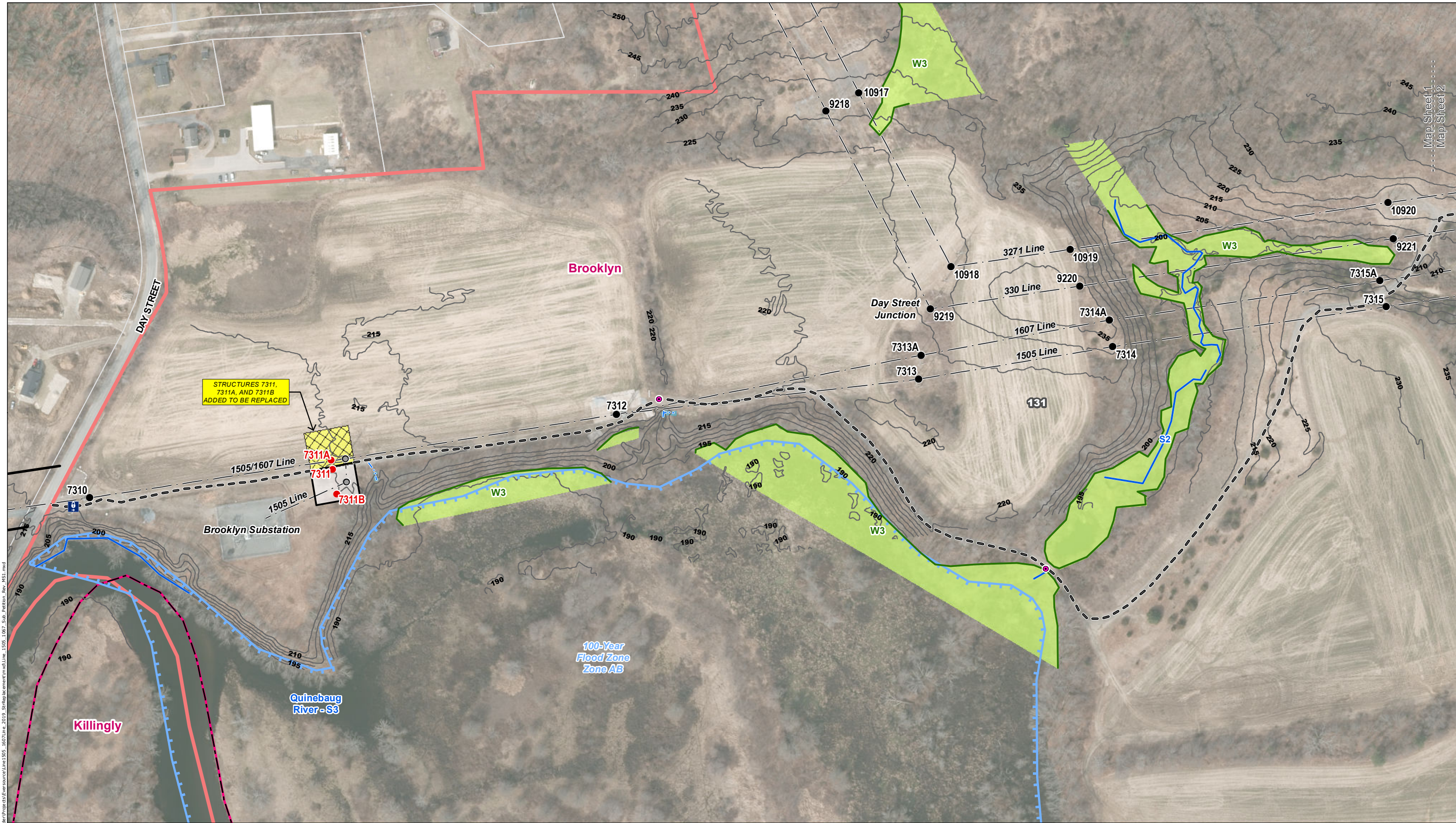
 **ALL-POINTS**  
TECHNOLOGY CORPORATION

567 Vauxhall Street Extension – Suite 311  
Waterford, CT 06385

Map Sheet 01 of 10  
1505/1607 Line - Structure Replacement Project  
Sub-Petition Abutters List

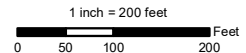
<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
131	ROCKY RIVER REALTY CO (EVERSOURCE)	DAY STREET	BROOKLYN	CT





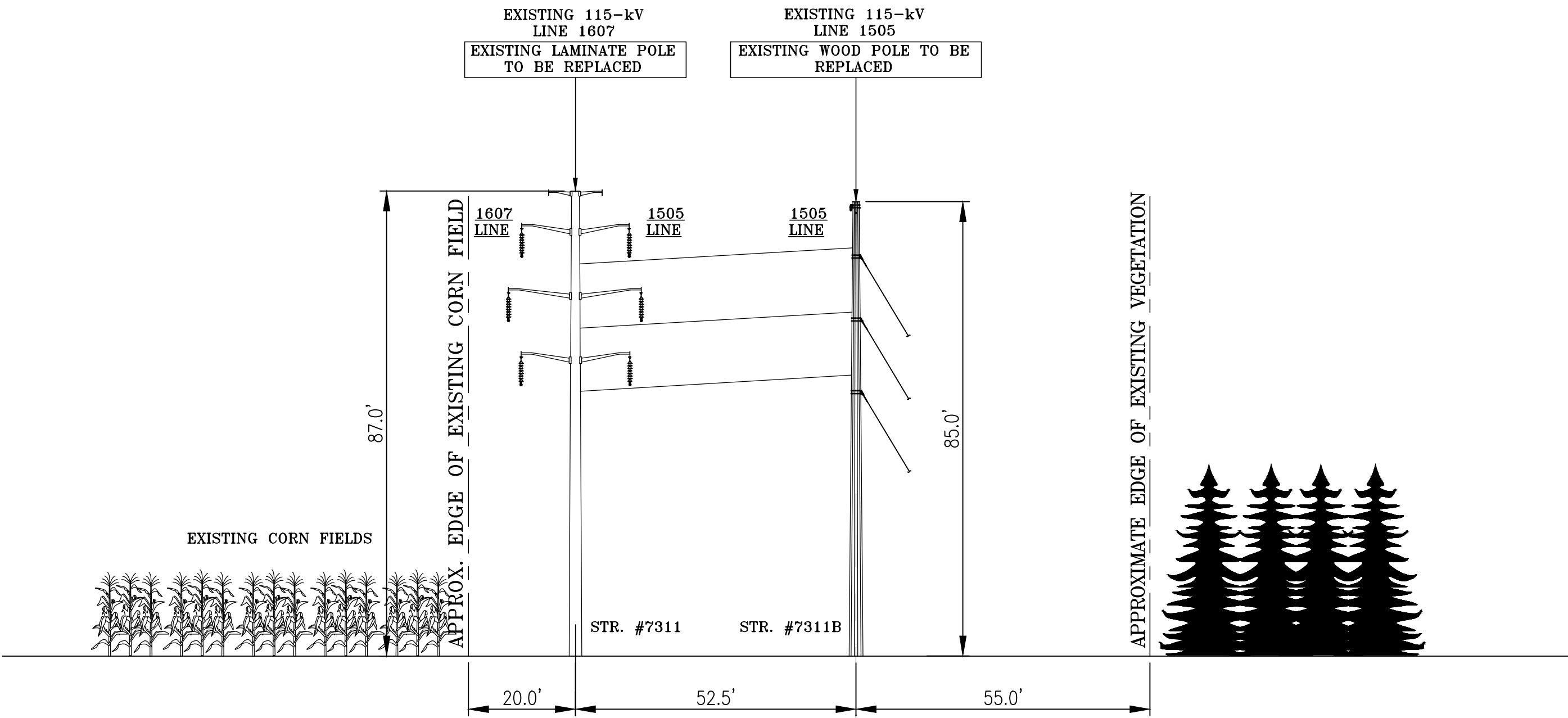
Legend			
<span style="color: red;">●</span> Proposed Structure	Existing Gate	Delineated Perennial Watercourse	100' Vernal Pool Envelope
<span style="color: grey;">●</span> Existing Structure to be Removed	Existing Access	Delineated Intermittent Watercourse	FEMA 100-Year Flood Zone
<span style="color: black;">●</span> Existing Structure	Proposed Access	Delineated Wetland Boundary Outline	FEMA Floodway
Overhead Eversource Line	Proposed Alternate Access	Field Delineated Wetland	Natural Diversity Database Area (12/2021)
Existing Right-of-Way (ROW)	Stone Work Pad	Open Water	Critical Habitat (2009)
Approximate AT&T Fiber	Temporary Construction Matting	Confirmed Vernal Pool Extent	Parcel Boundary
Approximate Gas Line	Culvert		
		Eversource Owned Property	State Owned Property
		Municipal Boundary	Railroad
			5' Contour Line
			Construction Fence

Base Map Source: 2019 CTECO Aerial Imagery

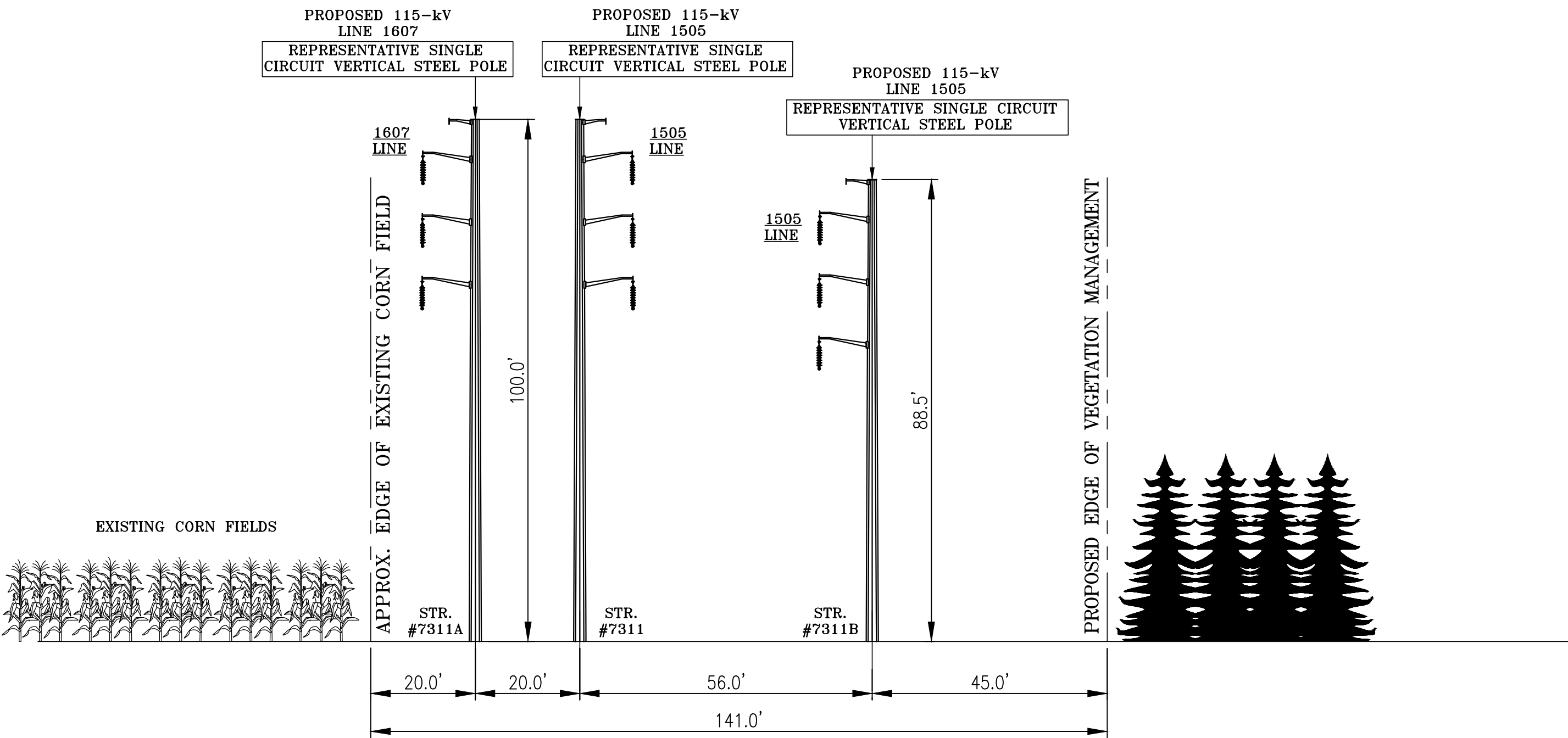


Eversource ENERGY				1505 & 1607 Line Structure Replacement Project				Brooklyn & Killingly, CT			
								Map Sheet 01 of 10			
				Replacement Structures 7311, 7311A, and 7311B added				Date: February, 2020 REVISED May, 2022			
1	5/3/22	REVISIONS		BY	CHK	APP	APP				
NO.	DATE										





EXISTING R.O.W. CONFIGURATION  
DOUBLE CIRCUIT LAMINATE POLE & SINGLE CIRCUIT WOOD POLE VERTICAL DESIGN  
LOOKING FROM BROOKLYN SUBSTATION TO KILLINGLY SUBSTATION  
IN THE TOWN OF BROOKLYN, CT  
STRUCTURES #7311 & 7311B



PROPOSED R.O.W. CONFIGURATION  
NO ADDITIONAL RIGHT-OF-WAY REQUIRED  
SINGLE CIRCUIT STEEL POLE VERTICAL DESIGN  
LOOKING FROM BROOKLYN SUBSTATION TO KILLINGLY SUBSTATION  
IN THE TOWN OF BROOKLYN, CT  
STRUCTURES #7311, 7311A & 7311B

NOTE:  
LINE ARRESTERS TO BE  
ADDED AS REQUIRED

XS-1

EVERSOURCE

ENERGY

TITLE

BROOKLYN TAP - BROOKLYN S/S  
115-kV TRANSMISSION LINE  
RIGHT OF WAY CROSS SECTION  
BROOKLYN, CONNECTICUT

BY	PAD	CHKD	JSS	APP	JM	APP
DATE	06/23/21	DATE	06/23/21	DATE	06/23/21	DATE
H-SCALE	N.T.S.	SIZE	D	FIELD BOOK & PAGES		
V-SCALE	N.T.S.	V.S.		R.E. DWG		
R.E. PROJ. NUMBER	TMC83823			DWG NO.	01068-85000p001	