

May 6, 2019

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

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

Dear Ms. Bachman:

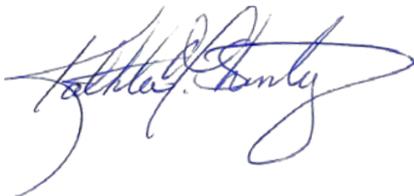
The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-CCMCHB-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Columbia, Coventry, Mansfield, Chaplin, Hampton and Brooklyn, Connecticut. The work includes replacing 49 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Columbia, Coventry, Mansfield, Chaplin, Hampton and Brooklyn 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 15 copies of this filing.

Please contact me at 860-728-4527 if you have any questions regarding the enclosed Sub-Petition.

Sincerely,



Enclosures

Attachments:

Exhibit A: Sub-Petition

Exhibit B: Photographs and Photo Simulation

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 ELECTRIC SAFETY CODE
CLEARANCE REQUIREMENTS

Towns: Columbia, Coventry, Mansfield, Chaplin, Hampton, and Brooklyn

Sub-Petition No. 1293-CCMCHB-01

Project: 330 Transmission Line Structure Replacement Project

Structure Locations: 49 transmission structures located in Columbia, Coventry, Mansfield, Chaplin, Hampton and Brooklyn, 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 330 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 portions of the 330 Line between Cards Mill Road in Columbia and Church Street in Brooklyn. The 330 Line, in its entirety, is a 345-kilovolt single circuit line that extends from Card Substation in Lebanon to Lake Road Substation in Killingly. Of these replacements, 49 structures require a slight increase in structure height to comply with current clearance requirements. The 49 structures to be replaced are a mix of wood H-frame and monopole structures.

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

- Replace 49 existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing structure, though slightly taller (10 feet or less) than the existing structures. The replacement structures will be installed within 15 feet of the existing structure locations.

Two airports are located in northeast Connecticut in the vicinity of the Work Areas: Windham Airport in the City of Willimantic and Danielson Airport in the Town of Killingly. Given the proximity of the 330 Line ROW to both of these airports and/or their runway approach flight paths, Eversource will be filing existing and proposed structure height and location information with the Federal Aviation Administration (FAA) for its

review. As a result, FAA may provide comments and or recommendations regarding the work or direct that certain structures add lighting. Eversource will comply with any such recommendations or directives and notify the Council of any conditional requirements, such as lighting of 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) All Work Activities would take place in areas within Eversource's property or existing right-of-way ("ROW") utilizing existing and proposed new permanent access roads, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads will be improved. Eversource would access the structure replacement locations utilizing its existing rights and, in some locations, has secured rights for off-ROW access routes with private property owners to minimize the amount of proposed temporary access roads that would need to be installed within the ROW and lessen the impacts to wetlands and/or agricultural areas.
- b) Work Activities would currently result in approximately 100,207 square feet ("SF") of temporary wetland/watercourse impacts, limited to temporary construction matting required for the construction of access roads and work pads for 22 structures as follows:

Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
9006	±1,201	0
9017	±1,250	0
9052	±1,207	0
9055	±414	0
9065	±587	±1,041
9090	±1,408	0
9091	±6,782	±292
9092	0	±246
9095	±2,485	±1,220
9103	±4,971	±6,208
9141	0	±1,195
9143	±2,182	0
9151	±8,840	0
9152	±9,271	±1,790
9163	±2,388	0
9166	±1,803	0
9174	0	±4,087
9202	±6,144	±2,375
9203	0	±72
9205	±5,852	±12,715
9206	±1,118	±203
9210	±4,407	±6,453
<i>Subtotals:</i>	<i>±62,310</i>	<i>±37,897</i>
TOTAL:	± 100,207	

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 direct impacts to vernal pools ("VP") would result from the proposed Work Activities. Vernal pool species protection measures will be implemented where Work Activities extend into vernal pool envelopes ("VPE"). A total of 37 VP habitats have been identified near Work Activities. Each VP has been assigned a successive number from south to north, respectively (VP1 through VP37). There are no proposed Work Activities within the VPEs of VP4, VP5, VP6, VP10, VP12, VP13, VP14, VP15, VP16, VP17, VP18, VP23, VP24, VP25, VP26, VP28, VP29, VP30 and VP32. Existing access roads will not be widened or altered where they extend into the VPEs of isolated VP habitats, including: VP2, VP3, VP7, VP8, VP9, VP11, and VP31. Elevated construction matting will be installed as needed within VPEs where access roads bisect wetland habitats that may provide migratory routes for amphibian movement, including: VP1, VP19, VP20, VP21, VP22, VP27, VP33, VP34, VP35, VP36 and VP37. A portion of the work pad for structure 9043 is located within VPE2, a portion of the work pad for structure 9095 is located within VPE20, a portion of the work pad for structure 9152 is located within VPE27 and a portion of the work pad for structure 9166 is located within VPE31. Non-elevated construction matting will be utilized on these temporary work pads to avert amphibian access and avoid entrapment.

An environmental monitor will oversee the Work Areas for activities conducted during the amphibian breeding season. If amphibian migration activity starts during the Work Activities, additional BMPs will be implemented to protect vernal pool species. With the implementation of these protective measures, no adverse impact to vernal pools would result from the proposed Work Activities.

- d) As a result of Eversource's review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Data Base ("NDDB"), only the Work Activities associated with the access roads and work pads for structures 9065, 9095, 9103 and 9166 are proposed within a NDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land and therefore would be subject to a NDDB review request. Eversource is currently in consultation with CTDEEP regarding Eversource's proposed work in these areas and will adhere to any state-listed species protection measures recommended by CTDEEP, as necessary. Any recommended measures will be incorporated into Eversource's BMPs during construction. With these protection 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 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 1A assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") revealed six previously identified archaeological sites (Sites 19-30, 19-31, 63-15, 63-16, 78-190 and 78-191) and a single National Register of Historic Places historic district (The Bush Hill Historic District) located within 500 feet of the Work Areas. No historic standing structures or State Register of Historic Places properties/districts were identified within 500 feet of the Work Areas. The Bush Hill Historic District is located just to the northwest of the ROW within 500 feet of Work Activities associated with Structure 9200. In addition, a portion of the proposed access road (± 275 linear feet) off Pomfret Road travels through the southern limit of the Bush Hill Historic District. While the proposed access road passes through the Bush Hill Historic District, the access road is at ground level and will not have any visual impact on the integrity of the historic district. Further, structure replacements within the nearby ROW corridor will utilize replacement structures of similar appearance with only a slight increase in height. Therefore, given the vegetation that separates the ROW corridor from the district, no direct or indirect impacts to the Bush Hill Historic District are anticipated.

Based on a review of historic maps, aerial photographs, and available soil profiles, 31 of the proposed work pad locations and related access roads were identified as possessing a potential for moderate to high archaeological sensitivity. These locations were evaluated in the field by Heritage with either a pedestrian survey or a Phase 1B cultural resources reconnaissance survey (shovel pit testing). Only one structure location, Structure 9201, yielded intact evidence of prehistoric occupations. As a result, this site (vicinity of Site 19-30 and likely part of that occupation) was subjected to Phase II testing and evaluation. All of the other five archaeological sites previously mentioned (Sites 19-31, 63-15, 63-16, 78-190 and 78-191) would not be affected by the Work Activities and no protection measures are necessary. The completion of the Phase II testing of structure 9201/Site 19-30 revealed the presence of a dense scatter of prehistoric lithic artifacts and a single cultural feature. A copy of the Phase II report prepared by Heritage has been forwarded to the State Historic Preservation Office, the Mohegan Tribe of Connecticut Indians, the Mashantucket Pequot Tribal Nation, and The Wampanoag Tribe of Gay Head (Aquinnah). Responses from the tribes are forthcoming. Eversource will employ best management practices for the proposed Structure 9201 location that include full matting of the Work Area during construction to avoid impacts to the site. Furthermore, Eversource has located proposed pole locations that are clear of cultural resources identified during the Phase II examination. As a result, no additional archaeological examination of the proposed location for Structure 9201 is warranted at this time.

- g) Increases in the heights of the 49 replacement structures will average approximately 6 feet and none will exceed 10 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) Work areas associated with Structure 9006 are located partially within a mapped 100-year flood zone associated with the Tenmile River. Work areas associated with structure 9095 are located partially within a mapped 100-year flood zone associated with the Natchaug River. Work areas associated with Structure 9143 are located partially within a mapped 100-year flood zone associated with Cedar Swamp Brook. Work areas associated with structure 9163 are located partially within a mapped 100-year flood zone associated with an unnamed tributary to Valley River. Work areas associated with structures 9201, 9202 and 9203 are located wholly or partially within a mapped 100-year flood zone associated with Lester Williams Pond. Work areas associated with structures 9205, 9206, and 9210 are located partially within a mapped 100-year flood zone associated with White Brook. Eversource would utilize its BMPs to minimize any impacts to these flood zones by utilizing temporary construction matting or by not placing fill that would increase the elevations of the existing or proposed road surfaces or work pads to ensure that the floodway and floodplain hydrology would not be adversely affected. With these protective measures and the use of BMPs, no adverse impact to the floodway or 100-year flood zones would result from the proposed Work Activities.
- j) 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.
- k) 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, 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 and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- Vernal pool protective measures will be incorporated into the Eversource's BMPs during construction.
- NDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Potential impacts to the floodway and 100-year flood zones would be avoided with adherence to the BMPs and the use of temporary construction matting.
- 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 permanent access roads would be constructed to facilitate access to structures within the ROW and existing access roads in upland areas may be hardened and temporarily widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used on temporary access roads in wetlands as well as in agricultural/maintained lawn upland areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

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

Columbia

- Baker Hill Road for Structure 9006
- Old Willimantic Road for Structure 9017

Coventry

- Route 6 for Structure 9024
- Babcock Hill Road for structures 9026 and 9030

Mansfield

- Highland Road for structures 9043 and 9047
- Mansfield City Road for structures 9049, 9050, 9051, 9052, 9053 and 9054
- Crane Hill Road for structures 9055, 9056, 9059 and 9060
- Storrs Road for structures 9065 and 9070
- Bassetts Bridge Road for structures 9077 and 9078
- South Bedlam Road for Structure 9090

Chaplin

- South Bedlam Road for structures 9091, 9092 and 9095
- Willimantic Road for structures 9101 and 9103

Hampton

- Pudding Hill Road for Structure 9139
- Cemetery Road for structures 9141 and 9142
- Bigelow Road for structures 9143, 9144 and 9145
- Drain Street for structures 9151 and 9152
- Stetson Road for Structure 9160

Brooklyn

- Stetson Road for structures 9161, 9163 and 9166
- Windham Road for Structure 9174
- Pomfret Road for structures 9200, 9201, 9202 and 9203
- Barrett Hill Road for structures 9204, 9205 and 9206
- Church Street for structures 9210 and 9214

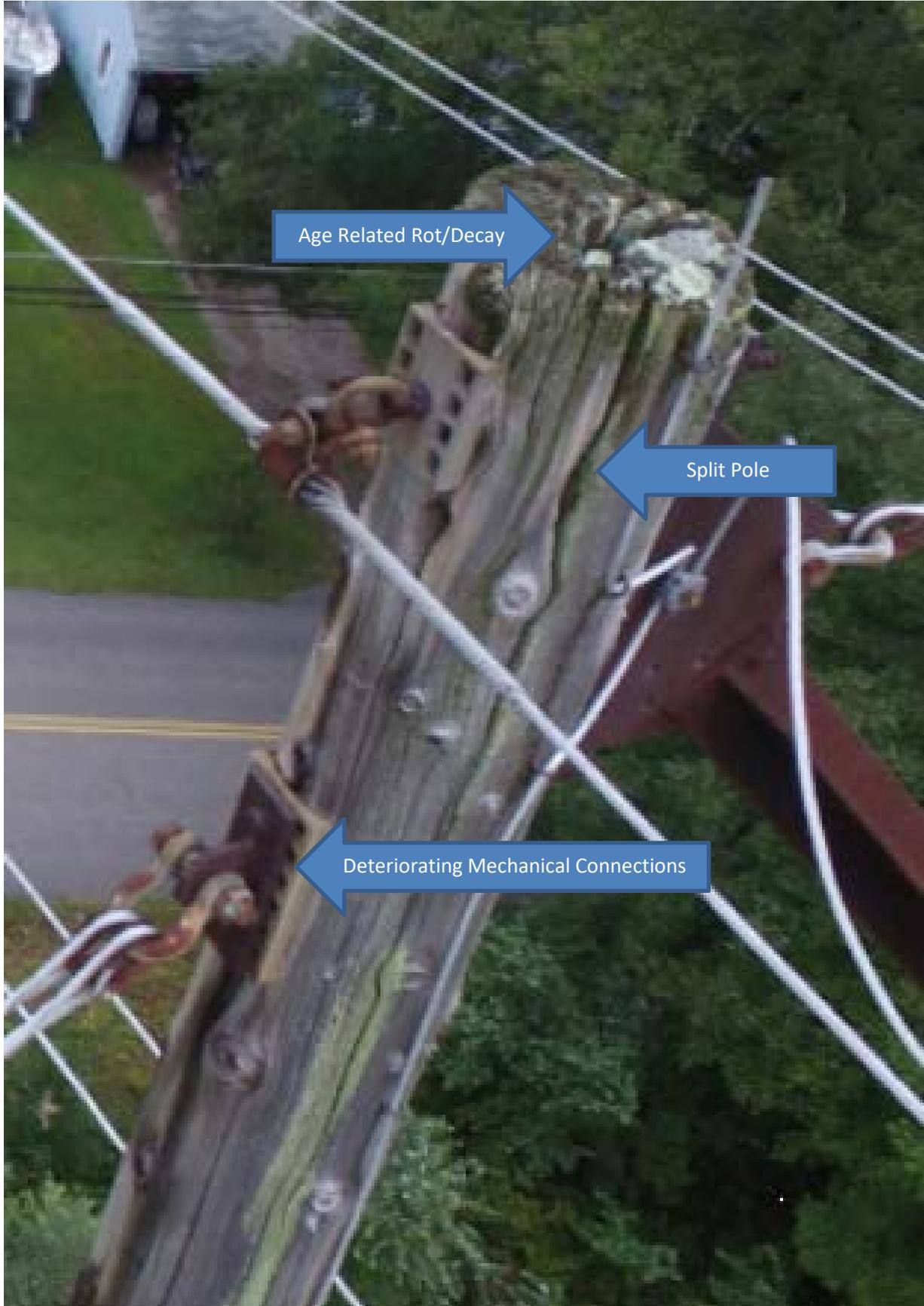
By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

Structure #9017

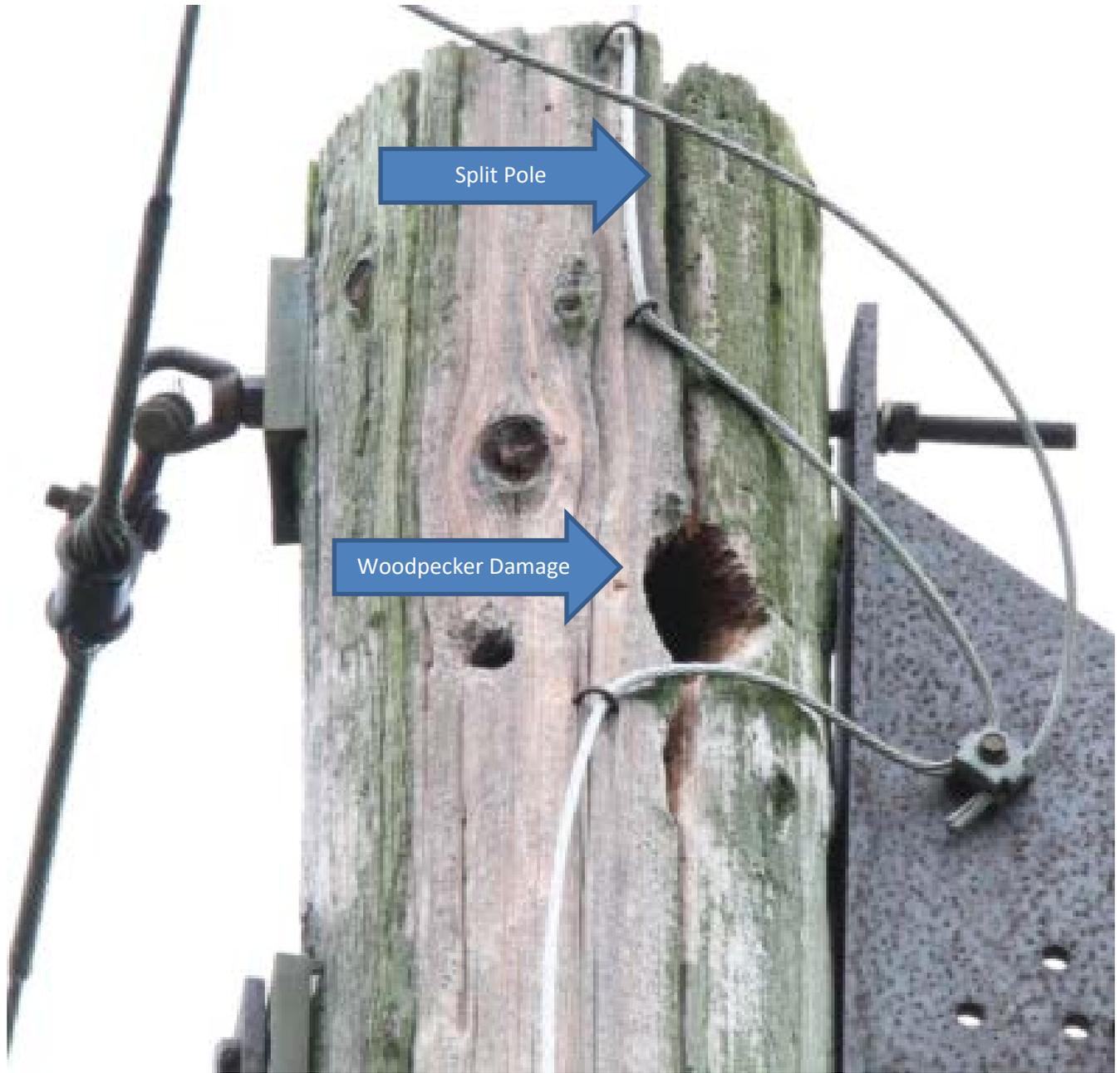


Age Related Rot/Decay

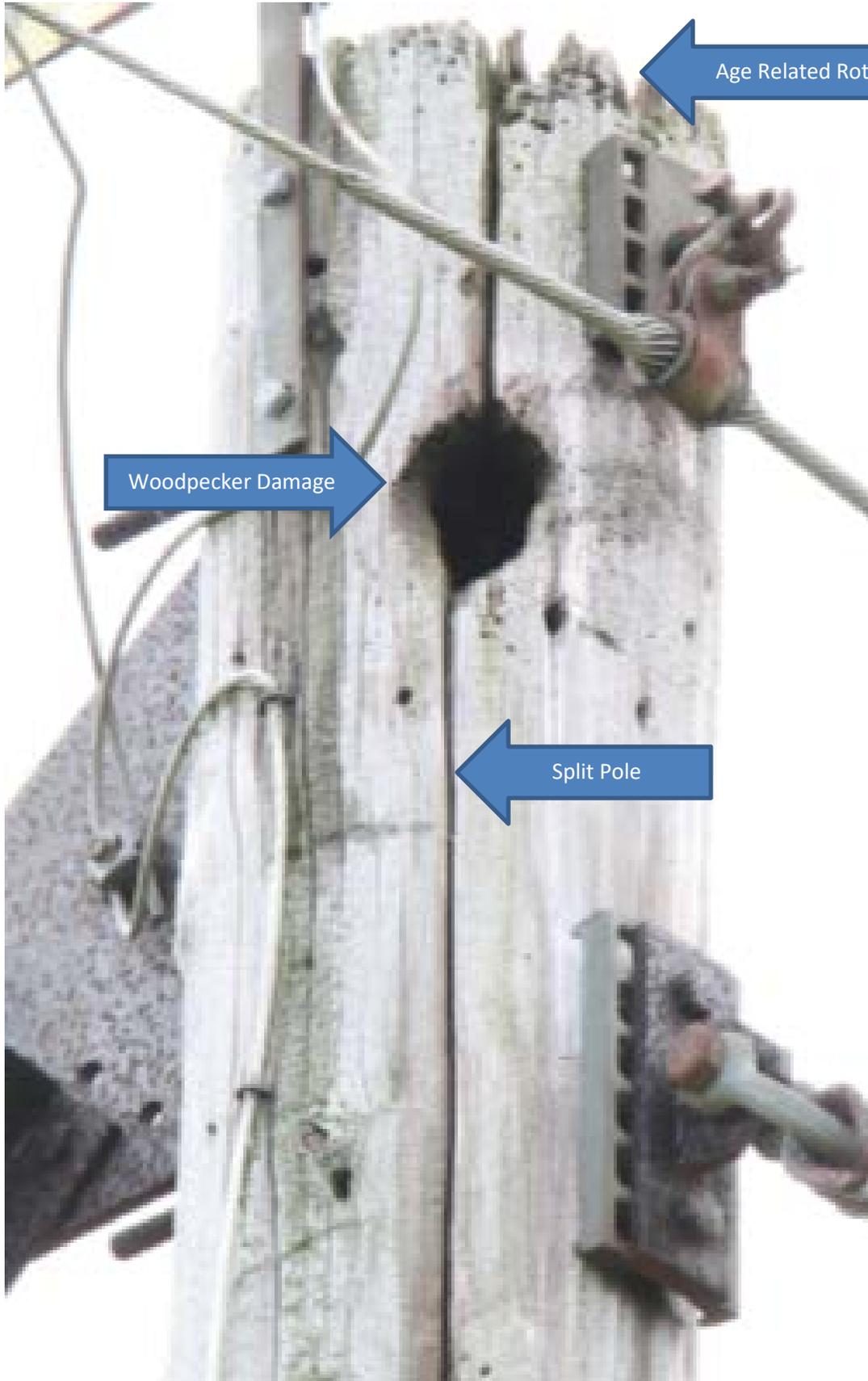
Split Pole

Deteriorating Mechanical Connections

Structure #9049



Structure #9060



Age Related Rot/Decay

Woodpecker Damage

Split Pole

Structure #9077



Age Related Rot/Decay

Deteriorating Mechanical Connections



EXISTING

330 LINE

STRUCTURE 9017

LOCATION

**RIGHT-OF-WAY ADJACENT TO 140 OLD WILLIMANTIC ROAD
COLUMBIA, CT**

ORIENTATION

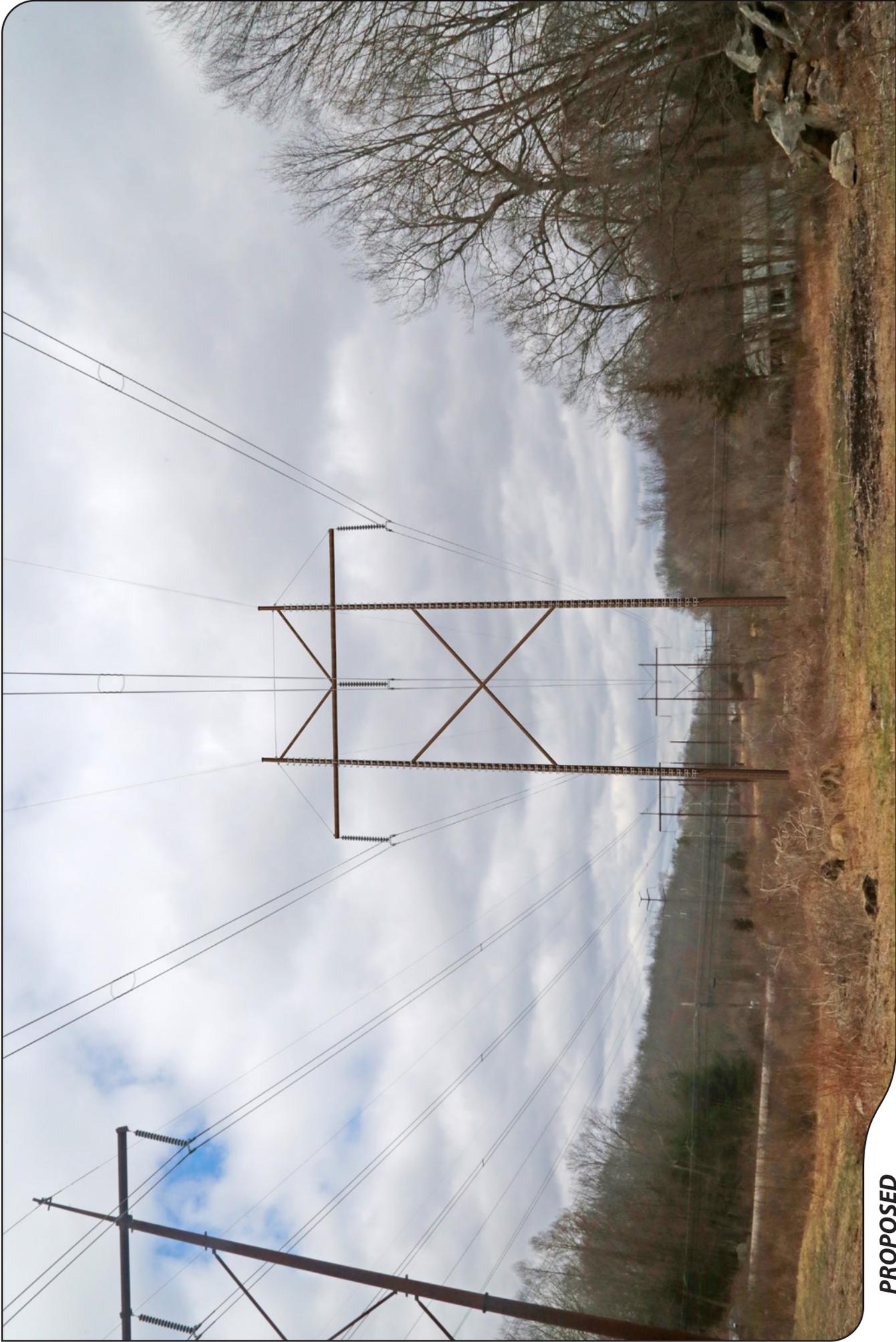
NORTHWEST



**ALL-POINTS
TECHNOLOGY CORPORATION**



**EVERSOURCE
ENERGY**



PROPOSED

330 LINE

STRUCTURE 9017

LOCATION

**RIGHT-OF-WAY ADJACENT TO 140 OLD WILLIMANTIC ROAD
COLUMBIA, CT**

ORIENTATION

NORTHWEST



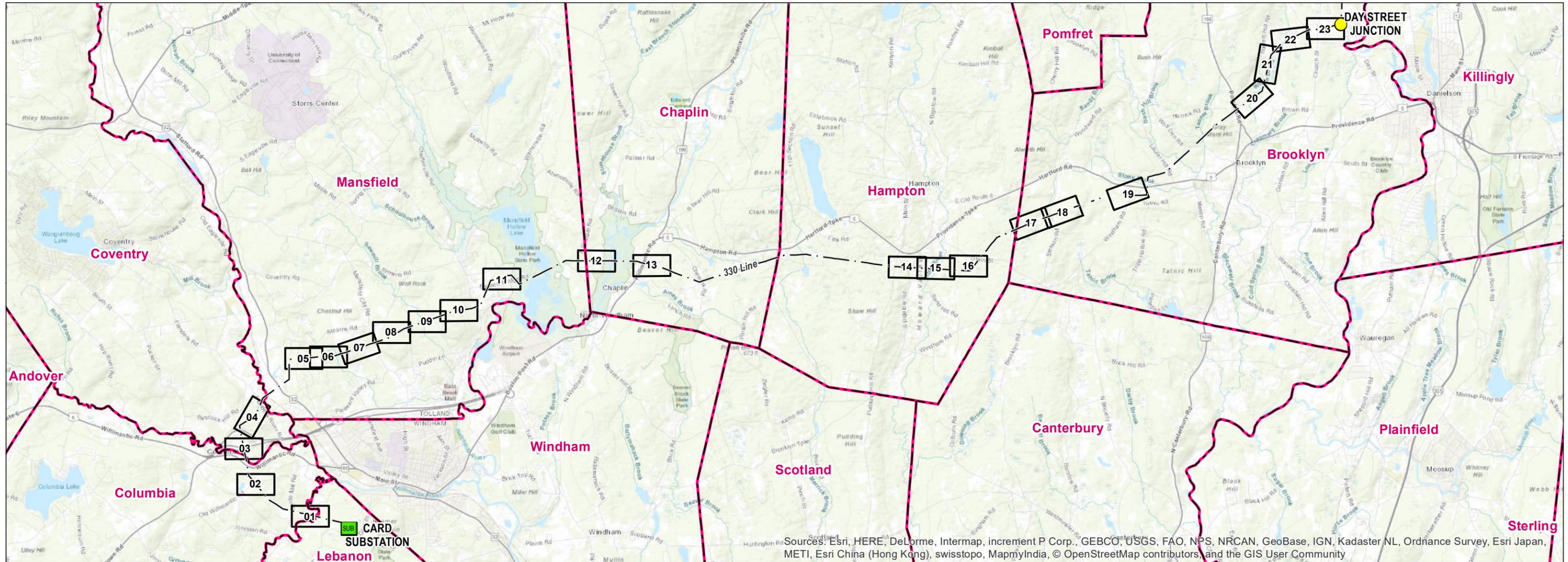
ATTACHMENT C

MAPS

330 Line - Structure Replacement Project

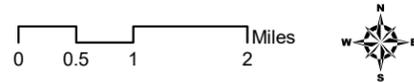
Columbia, Coventry, Mansfield, Chaplin, Hampton, and Brooklyn, CT
Sub-Petition Map Set

Date: T æ Å, 2019



Legend

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



INDEX OF FIGURES

Title Sheet / Index Map
Abutter Tables & Map Sheets 1-23

PREPARED FOR:

EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

PREPARED BY:

ALL-POINTS
TECHNOLOGY CORPORATION

3 Saddlebrook Drive
Killingworth, CT 06419

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

Map Sheet 01 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
100.7	WILLIAM RIOUX	BAKER HILL ROAD	COLUMBIA	CT

Map Sheet 02 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
101	MARSHALL A & RITA M MARTIN	140 OLD WILLIMANTIC ROAD	COLUMBIA	CT



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Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
— Delineated Wetland Boundary Outline	— Delineated Perennial Watercourse
— Field Delineated Wetland	
— Field Delineated State Wetland Only	
— Approximate Wetland (not delineated)	
— Open Water	
— Field Delineated Riprap Channel	
— Confirmed Vernal Pool Extent	
— 100' Vernal Pool Envelope	
— Natural Diversity Database Area (Dec. 2018)	
— Critical Habitat (2009)	
— FEMA 100-Year Flood Zone	
— Floodway	
— Parcel Boundary	
— Eversource Owned Property	
— State-Owned Property	
— Municipal Boundary	
— Map Sheet Matchline	

Map Notes:
 Not for Construction - Wetland Data Provided by Bums & McDonnell
 Parcel and ROW boundaries are approximate.
 Repairs to existing access roads within wetlands with permanent fills are exempt discharges under 323-4(j)(2) provided that the limit of fill does not exceed the footprint of the existing fill through wetlands areas. Maintenance repairs do not include modifications that change the character, scope, and size of the original fill design.
 Temporary impacts associated with construction mats in previously disturbed wetland and upland areas either within vernal pool (VP) depressions or management area (100' of VP's edge) are eligible under the Army Corps of Engineers CT General Permit as a Self-Verification eligible activity.
 Base Map Source: 2016 Google Imagery

1 inch = 200 feet

0 50 100 200 Feet

EVERSOURCE ENERGY						
330 Line Structure Replacement Project						
Columbia, CT						
Map Sheet 02 of 23						
Date: May, 2019						
NO.	DATE	REVISIONS	BY	CHK	APP	APP



Map Sheet 03 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
111	STATE OF CONNECTICUT	ROUTE 6 (BABCOCK HILL RD)	COVENTRY	CT

Map Sheet 04 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
112	CONNECTICUT LIGHT & POWER CO	BABCOCK HILL ROAD	COVENTRY	CT
113	CONNECTICUT LIGHT & POWER CO	BABCOCK HILL ROAD	COVENTRY	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
	— Delineated Perennial Watercourse
— Delineated Wetland Boundary Outline	— Critical Habitat (2009)
— Field Delineated Wetland	— FEMA 100-Year Flood Zone
— Field Delineated State Wetland Only	— Floodway
— Approximate Wetland (not delineated)	— Parcel Boundary
— Open Water	— Eversource Owned Property
— Field Delineated Riprap Channel	— State-Owned Property
— Confirmed Vernal Pool Extent	— Municipal Boundary
— 100' Vernal Pool Envelope	— Map Sheet Matchline
— Natural Diversity Database Area (Dec. 2018)	

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NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY
330 Line Structure Replacement Project
 Mansfield & Coventry, CT
 Map Sheet 04 of 23
 Date: May, 2019

ALL-POINTS TECHNOLOGY CORPORATION

Map Sheet 05 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
120	TOWN OF MANSFIELD (OPEN SPACE STEARNS ROAD)	STEARNS ROAD	MANSFIELD	CT
126	WILLARD J. STEARNS & SONS INC.	STEARNS ROAD	MANSFIELD	CT

Map Sheet 06 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
126	WILLARD J. STEARNS & SONS INC.	STEARNS ROAD	MANSFIELD	CT

Map Sheet 07 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
126	WILLARD J. STEARNS & SONS INC.	STEARNS ROAD	MANSFIELD	CT
127	STEARNS BROTHERS LLC	271 MANSFIELD CITY ROAD	MANSFIELD	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
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— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	● Culvert
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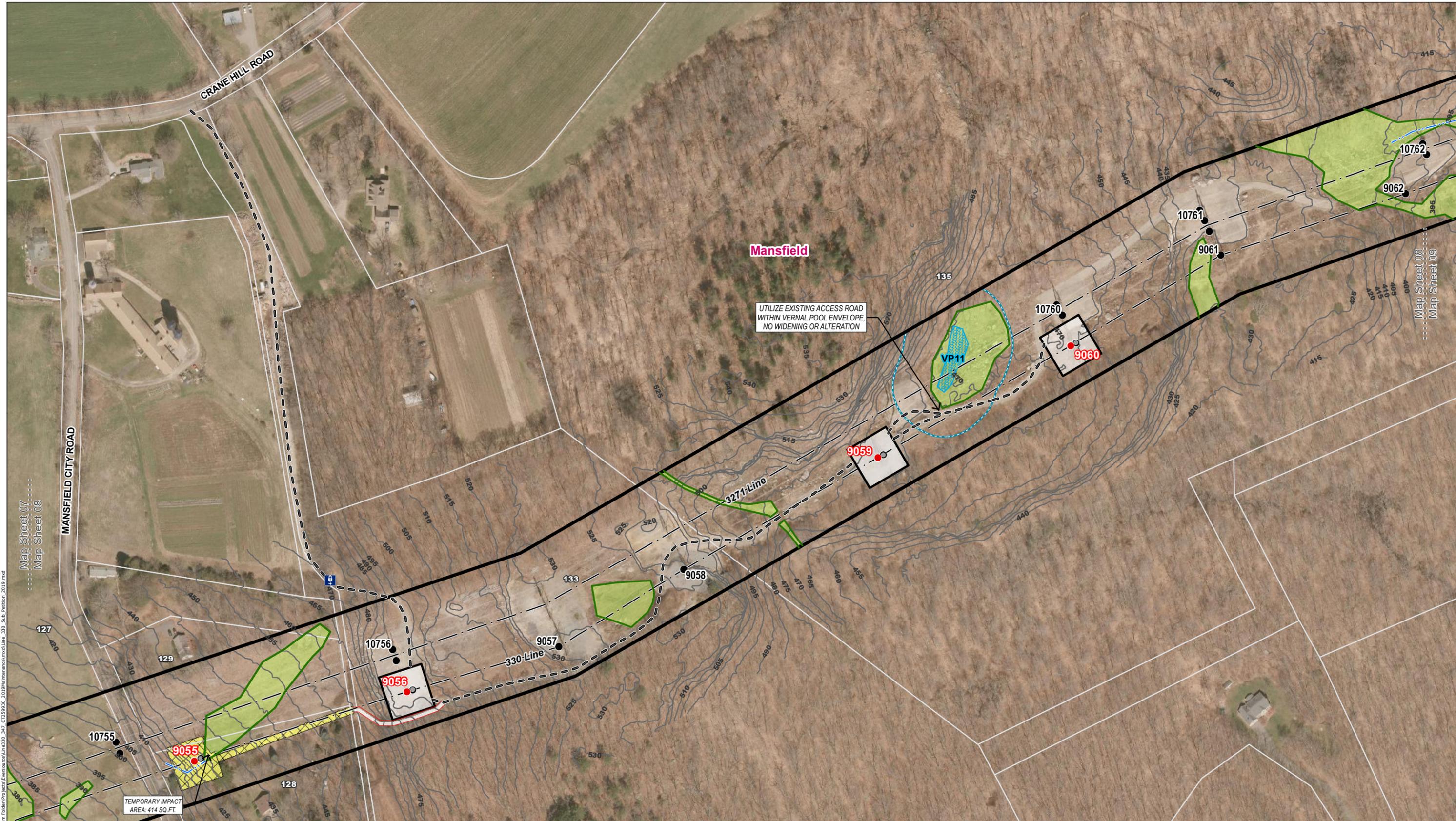
EVERSOURCE ENERGY									
330 Line Structure Replacement Project									
Mansfield, CT									
Map Sheet 07 of 23									
Date: May, 2019									
NO.	DATE	REVISIONS	BY	CHK	APP	APP			



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Map Sheet 08 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
127	STEARNS BROTHERS LLC	271 MANSFIELD CITY ROAD	MANSFIELD	CT
128	HAROLD J STANLEY	290 MANSFIELD CITY ROAD	MANSFIELD	CT
129	DAVID G JEPSEN & JENNIFER S. JEPSEN	304 MANSFIELD CITY ROAD	MANSFIELD	CT
133	KATHLEEN W STEARNS	MANSFIELD CITY ROAD	MANSFIELD	CT
135	SKK LLC C/O SHERIDAN VERNON	CRANE HILL ROAD	MANSFIELD	CT



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 Map Sheet 07
 Map Sheet 08
 Map Sheet 09



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
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	— Delineated Perennial Watercourse
— Delineated Wetland Boundary Outline	— Critical Habitat (2009)
— Field Delineated Wetland	— FEMA 100-Year Flood Zone
— Field Delineated State Wetland Only	— Floodway
— Approximate Wetland (not delineated)	— Parcel Boundary
— Open Water	— Eversource Owned Property
— Field Delineated Riprap Channel	— State-Owned Property
— Confirmed Vernal Pool Extent	— Municipal Boundary
— 100' Vernal Pool Envelope	— Map Sheet Matchline
— Natural Diversity Database Area (Dec. 2018)	

Map Notes:
 Not for Construction - Wetland Data Provided by Bums & McDonnell
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 Base Map Source: 2016 Google Imagery
 1 inch = 200 feet
 0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY
330 Line Structure Replacement Project
 Mansfield, CT
 Map Sheet 08 of 23
 Date: May, 2019

Map Sheet 09 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
135	SKK LLC C/O SHERIDAN VERNON	CRANE HILL ROAD	MANSFIELD	CT
138	TOWN OF MANSFIELD	SAWMILL BROOK LANE	MANSFIELD	CT

Map Sheet 10 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
141	ESTATE OF RICHARD & VICTOR CIVIE	STORRS ROAD	MANSFIELD	CT



Legend	
● Proposed Structure	--- Existing Access
● Existing Structure	--- Access Road to be improved
● Existing Structure to be Removed	--- Proposed Alternate Access
--- Overhead Eversource Line	--- Proposed Access
--- Existing Right-of-Way (ROW)	--- Hiking Trail
--- 5' Contour Line	--- Stone Work Pad
--- Existing Guardrail	--- Temporary Construction Matting
--- Fence	● Culvert
■ Gate	--- Delineated Intermittent Watercourse
--- Delineated Wetland Boundary Outline	--- Delineated Perennial Watercourse
■ Field Delineated Wetland	
■ Field Delineated State Wetland Only	
■ Approximate Wetland (not delineated)	
■ Open Water	
■ Field Delineated Riprap Channel	
■ Confirmed Vernal Pool Extent	
■ 100' Vernal Pool Envelope	
■ Natural Diversity Database Area (Dec. 2018)	
■ Critical Habitat (2009)	
■ FEMA 100-Year Flood Zone	
■ Floodway	
■ Parcel Boundary	
■ Eversource Owned Property	
■ State-Owned Property	
■ Municipal Boundary	
--- Map Sheet Matchline	

Map Notes:
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0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY
330 Line Structure Replacement Project
 Mansfield, CT
 Map Sheet 10 of 23
 Date: May, 2019

ALL-POINTS TECHNOLOGY CORPORATION

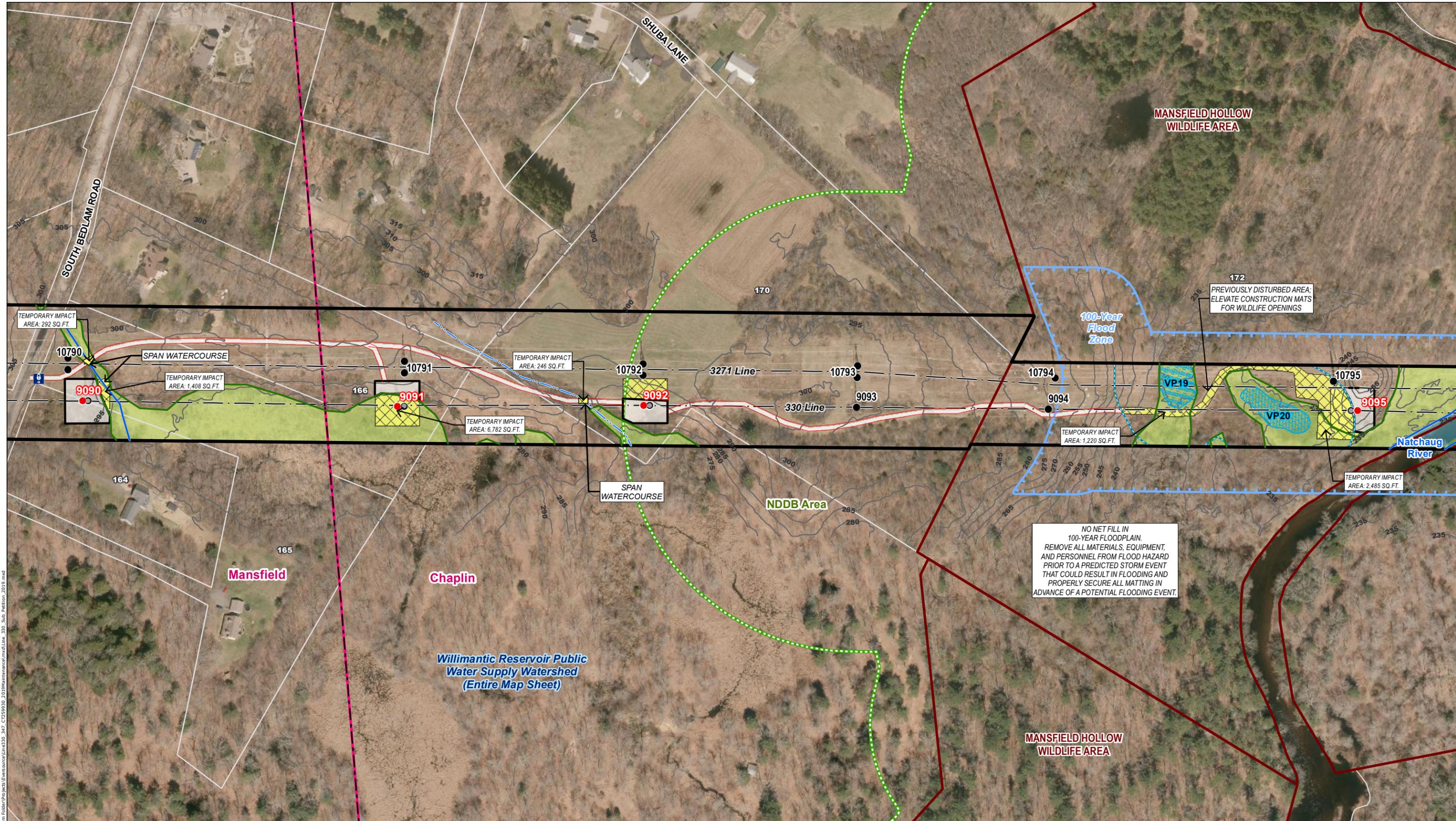
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Map Sheet 11 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
150	CONNECTICUT LIGHT & POWER CO	BASSETTS BRIDGE ROAD	MANSFIELD	CT
152	CONNECTICUT LIGHT & POWER CO	BASSETTS BRIDGE ROAD	MANSFIELD	CT
155	LLOYD E. & BETTY DUNSTAN	107 BASSETTS BRIDGE ROAD	MANSFIELD	CT

Map Sheet 12 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
164	HOLLAND STREDE & KYLE WILLIAMS	212 SOUTH BEDLAM ROAD	MANSFIELD	CT
165	ALBERT E. ROWETT JR	216 SOUTH BEDLAM ROAD	MANSFIELD	CT
166	GREGORY M. LESSARD	190 SOUTH BEDLAM ROAD	MANSFIELD	CT
170	HILL & ANDREA BULLARD	SHUBA LANE	MANSFIELD	CT
172	US GOVERNMENT	SHUBA LANE REAR	CHAPLIN	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
	— Delineated Perennial Watercourse
— Delineated Wetland Boundary Outline	— Critical Habitat (2009)
— Field Delineated Wetland	— FEMA 100-Year Flood Zone
— Field Delineated State Wetland Only	— Floodway
— Approximate Wetland (not delineated)	— Parcel Boundary
— Open Water	— Eversource Owned Property
— Field Delineated Riprap Channel	— State-Owned Property
— Confirmed Vernal Pool Extent	— Municipal Boundary
— 100' Vernal Pool Envelope	— Map Sheet Matchline
— Natural Diversity Database Area (Dec. 2018)	

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NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

**330 Line
Structure Replacement Project**

Mansfield & Chaplin, CT

Map Sheet 12 of 23

Date: May, 2019

ALL-POINTS TECHNOLOGY CORPORATION

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Map Sheet 13 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
179	THOMAS BOLAND	WILLIMANTIC ROAD/RT 6	CHAPLIN	CT
180	TOWN OF CHAPLIN	WILLIMANTIC ROAD/RT 6	CHAPLIN	CT
183	CHAPLIN WOODS ASSOCIATES	31 WILLIMANTIC ROAD/RT 6	CHAPLIN	CT

Map Sheet 14 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
189	DRUANNE CAHILL	995 PUDDING HILL ROAD	HAMPTON	CT
191	BETH SHAW	981 PUDDING HILL ROAD	HAMPTON	CT
192	BIGELOW HOWARD VALLEY FISH & GAME CLUB	47 CEMETERY ROAD	HAMPTON	CT
193	BIGELOW HOWARD VALLEY FISH & GAME CLUB	CEMETERY ROAD	HAMPTON	CT
194	BIGELOW HOWARD VALLEY FISH & GAME CLUB	SO BIGELOW ROAD	HAMPTON	CT

Map Sheet 15 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
194	BIGELOW HOWARD VALLEY FISH & GAME CLUB	SO BIGELOW ROAD	HAMPTON	CT



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Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
— Delineated Wetland Boundary Outline	— Delineated Perennial Watercourse
— Field Delineated Wetland	
— Field Delineated State Wetland Only	
— Approximate Wetland (not delineated)	
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— Field Delineated Riprap Channel	
— Confirmed Vernal Pool Extent	
— 100' Vernal Pool Envelope	
— Natural Diversity Database Area (Dec. 2018)	
— Critical Habitat (2009)	
— FEMA 100-Year Flood Zone	
— Floodway	
— Parcel Boundary	
— Eversource Owned Property	
— State-Owned Property	
— Municipal Boundary	
— Map Sheet Matchline	

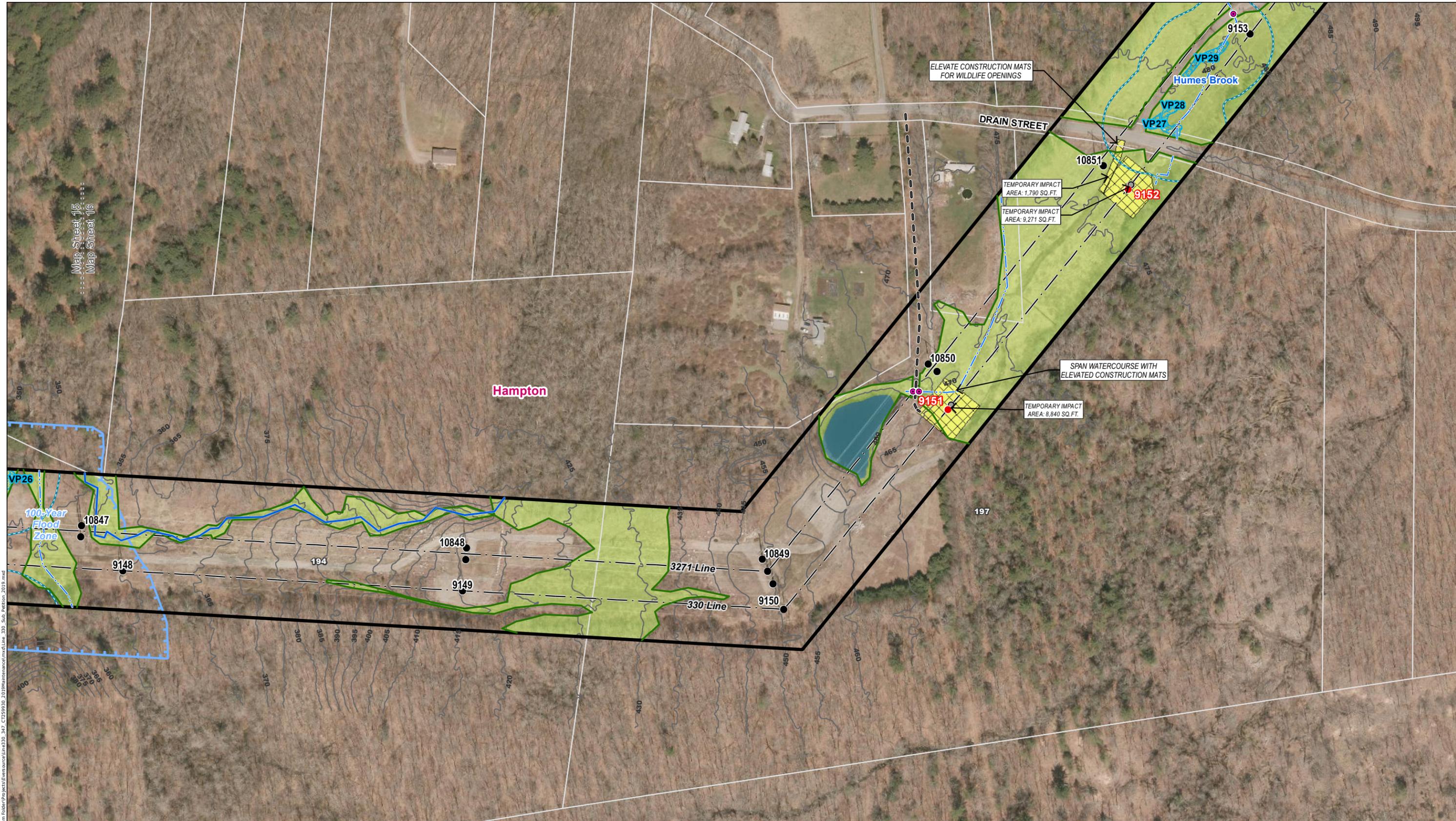
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 Base Map Source: 2016 Google Imagery
 1 inch = 200 feet
 0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY
330 Line Structure Replacement Project
 Hampton, CT
 Map Sheet 15 of 23
 Date: May, 2019

Map Sheet 16 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
194	BIGELOW HOWARD VALLEY FISH & GAME CLUB	SO BIGELOW ROAD	HAMPTON	CT
197	ROBERT & DEBRA DARIGAN	DRAIN ST	HAMPTON	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
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— Field Delineated Wetland	
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— Floodway	
— Parcel Boundary	
— Eversource Owned Property	
— State-Owned Property	
— Municipal Boundary	
— Map Sheet Matchline	

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0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

330 Line Structure Replacement Project

Hampton, CT

Map Sheet 16 of 23

Date: May, 2019

ALL-POINTS TECHNOLOGY CORPORATION

Map Sheet 17 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
201	VIRGINIA K. DONNER	DRAIN STREET	HAMPTON	CT
202	M GRUNDY & W F DONNER & K MORENCY	STETSON ROAD	BROOKLYN	CT
203	M GRUNDY & W F DONNER & K MORENCY	215 STETSON ROAD	BROOKLYN	CT

Map Sheet 18 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
203	M GRUNDY & W F DONNER & K MORENCY	215 STETSON ROAD	BROOKLYN	CT
206	TERESA BOMBARD	194 STETSON ROAD	BROOKLYN	CT
207	WILLIAM E III & JAMIE LYNN CARVER	140 STETSON ROAD	BROOKLYN	CT



UTILIZE EXISTING ACCESS ROAD WITHIN VERNAL POOL ENVELOPE. NO WIDENING OR ALTERATION.

TEMPORARY IMPACT AREA: 1,803 SQ. FT.

Map Sheet 17
Map Sheet 18



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
— 5' Contour Line	— Stone Work Pad
— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
— Gate	— Delineated Intermittent Watercourse
— Delineated Wetland Boundary Outline	— Delineated Perennial Watercourse
— Field Delineated Wetland	
— Field Delineated State Wetland Only	
— Approximate Wetland (not delineated)	
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— 100' Vernal Pool Envelope	
— Natural Diversity Database Area (Dec. 2018)	
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— FEMA 100-Year Flood Zone	
— Floodway	
— Parcel Boundary	
— Eversource Owned Property	
— State-Owned Property	
— Municipal Boundary	
— Map Sheet Matchline	

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Base Map Source: 2016 Google Imagery

1 inch = 200 feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

**330 Line
Structure Replacement Project**

Brooklyn, CT

Map Sheet 18 of 23

Date: May, 2019

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Map Sheet 19 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
214	BRIAN & ARLENE SZELA	59 WINDHAM ROAD	BROOKLYN	CT



Legend	
● Proposed Structure	--- Existing Access
● Existing Structure	--- Access Road to be improved
● Existing Structure to be Removed	--- Proposed Alternate Access
--- Overhead Eversource Line	--- Proposed Access
--- Existing Right-of-Way (ROW)	--- Hiking Trail
--- 5' Contour Line	□ Stone Work Pad
--- Existing Guardrail	--- Temporary Construction Matting
--- Fence	○ Culvert
□ Gate	--- Delineated Intermittent Watercourse
--- Delineated Wetland Boundary Outline	--- Delineated Perennial Watercourse
■ Field Delineated Wetland	
■ Field Delineated State Wetland Only	
■ Approximate Wetland (not delineated)	
■ Open Water	
■ Field Delineated Riprap Channel	
■ Confirmed Vernal Pool Extent	
○ 100' Vernal Pool Envelope	
■ Natural Diversity Database Area (Dec. 2018)	
■ Critical Habitat (2009)	
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0 50 100 200 Feet

EVERSOURCE ENERGY

**330 Line
Structure Replacement Project**

Brooklyn, CT

Map Sheet 19 of 23

Date: May, 2019

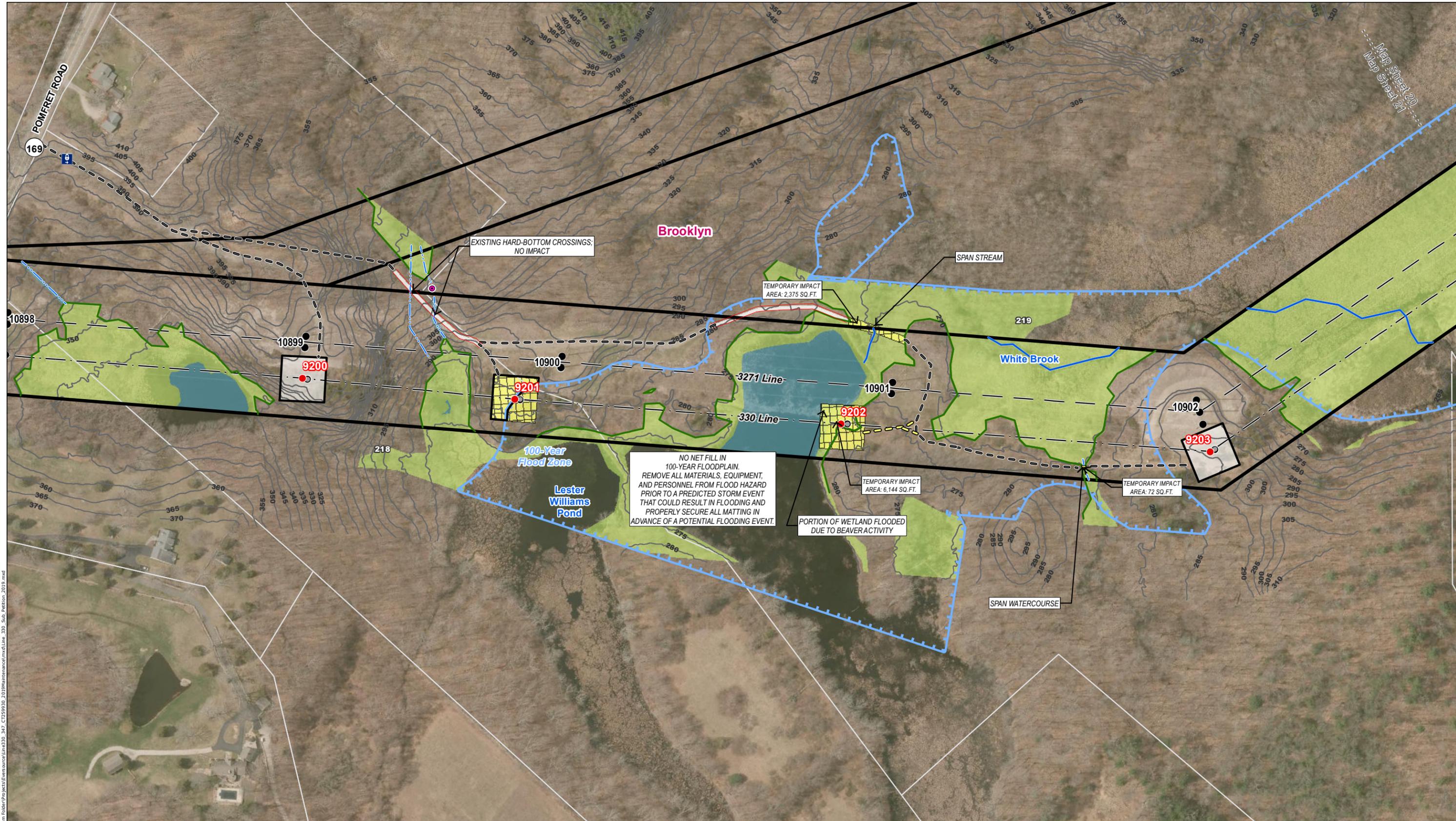
NO.	DATE	REVISIONS	BY	CHK	APP	APP

ALL-POINTS TECHNOLOGY CORPORATION

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Map Sheet 20 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
218	PAUL R SANSOUCY	POMFRET ROAD (RT 169)	BROOKLYN	CT
219	PAUL R SANSOUCY	248 POMFRET ROAD	BROOKLYN	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
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EVERSOURCE ENERGY

**330 Line
Structure Replacement Project**

Brooklyn, CT

Map Sheet 20 of 23

Date: May, 2019

NO.	DATE	REVISIONS	BY	CHK	APP	APP

ALL-POINTS TECHNOLOGY CORPORATION

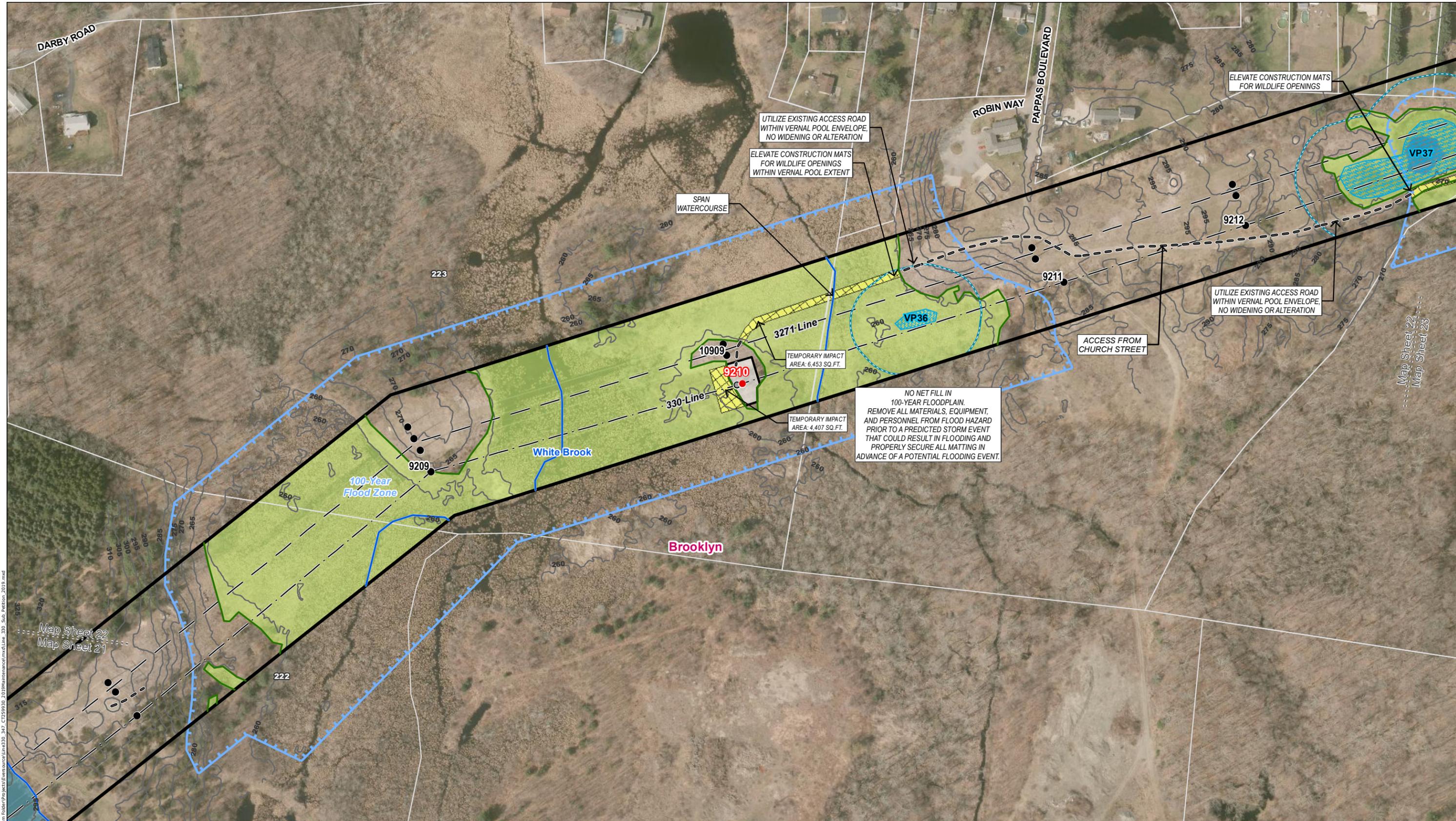
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Map Sheet 21 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
219	PAUL R SANSOUCY	248 POMFRET ROAD	BROOKLYN	CT
220	TREVOR B. & CYDNEY CARDINAL	169 BARRETT HILL ROAD	BROOKLYN	CT
222	JOEL ROSENBERG & BEVERLY BURKE	183 BARETT HILL ROAD	BROOKLYN	CT

Map Sheet 22 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
222	JOEL ROSENBERG & BEVERLY BURKE	183 BARETT HILL ROAD	BROOKLYN	CT
223	EASTERN CT FOREST LANDOWNERS ASSOC	DARBY RD	BROOKLYN	CT



Legend	
● Proposed Structure	— Existing Access
● Existing Structure	— Access Road to be improved
● Existing Structure to be Removed	— Proposed Alternate Access
— Overhead Eversource Line	— Proposed Access
— Existing Right-of-Way (ROW)	— Hiking Trail
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— Existing Guardrail	— Temporary Construction Matting
— Fence	— Culvert
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— Floodway	
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— State-Owned Property	
— Municipal Boundary	
— Map Sheet Matchline	

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NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE ENERGY

**330 Line
Structure Replacement Project**

Brooklyn, CT

Map Sheet 22 of 23

Date: May, 2019

ALL-POINTS TECHNOLOGY CORPORATION

Map Sheet 23 of 23
330 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
232	CONNECTICUT LIGHT & POWER CO	CHURCH STREET	BROOKLYN	CT

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

May 6, 2019

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 Columbia, Coventry, Mansfield, Chaplin, Hampton and Brooklyn. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-CCMCHB-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-CCMCHB-01 in your correspondence.

Our Commitment to You

We are committed to be 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,

Jared Kupiec

Jared Kupiec
Eversource Project Manager – Transmission Projects

