



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

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

June 28, 2019

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No.1293-SW-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in South Windsor Connecticut. The work includes replacing 52 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipality of South Windsor 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

Town: South Windsor

Sub-Petition No. 1293-SW-01

Project: 1310/1635/1763/3557 Transmission Line Structure Replacement Project

Structure Locations: 52 Transmission Line Structures located in South Windsor, 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 1310/1635/1763/3557 Transmission Line Structure Replacement Project (the "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 1310, 1635, 1763 and 3557 Lines where they share the same right-of-way ("ROW") in South Windsor, between Barbour Hill Substation and Pleasant Valley Road and between South Windsor Substation and Wapping Junction. The 1310 Line, in its entirety, is a 115-kilovolt double circuit line that extends from Manchester Substation, in Manchester, to South Windsor Substation. The 1635 Line, in its entirety, is a 115-kilovolt double circuit line that extends from South Windsor Substation to Barbour Hill Substation in South Windsor. The 1763 Line, in its entirety, is a 115-kilovolt double circuit line that extends from Manchester Substation to Barbour Hill Substation. The 3557 Line, in its entirety, is a 345-kilovolt line that also extends from Manchester Substation to Barbour Hill Substation. The 3557 Line runs as a double circuit line with the 3642 Line between Manchester Substation and Meekville Junction then continues as a single circuit line to Barbour Hill Substation. Of these replacements, all 52 structures require a slight increase in structure height to comply with current clearance requirements. The 52 structures to be replaced are a mix of wood H-frame and monopole structures.

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 52 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.

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 rights-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 would 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 to minimize the amount of proposed access roads that would need to be installed within the ROW and lessen the impacts to sensitive habitat, wetlands, and/or agricultural areas.
- b) Collectively, the Work Activities would result in approximately 162,350 square feet ("SF") of temporary wetland/watercourse impacts, limited to temporary construction matting required for the construction of access roads and work pads for 35 structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W55	6221/6221A	±6,765	0
W56	6225	±2,330	0
W57	6229	±1,480	0
W58	6233	±2,235	0
W59	8515	±4,205	0
W59	6236	±2,945	0
W59	6237	±3,625	0
W62	6244	±10,000	±3,190
W62	6246	±1,965	0
W62	6247	±2,510	0
W62	6248	±7,595	±1,815
W88	6249	±2,465	±1,780
W88/W89/W90	8499	±3,715	±3,270
W91/W92	6252	±2,460	±645
W92	6253	0	±2,850
W94/W95	6256	±4,035	±5,520
W100	6257/6257A	±6,680	0
W103/W105	6259	±4,160	0
W106/W107	6261	±9,665	±1715
W107	6262	±5,605	0
W107/W108	6263	±4,005	0
W112A	6265	±770	0
W83/W84	7468	±3,705	0
W79/W80	7467	±1,330	0
W78/W79	7466	±5,735	0
W77	7465	±850	0
W73/W76	7464	±7,085	0
W73	7463	±4,705	0
W72/W73	7462	±4,405	0
W71	7460	±715	0
W70	7459	±6,240	0
W69	7458	±9,330	±2,685
W67/W69	7457	±5,565	0
<i>Subtotals:</i>		<i>±138,880</i>	<i>±23,470</i>
TOTAL:			±162,350

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 would result from the proposed Work Activities. However, a portion of the work pad and existing access road for Structure 6256 is located within the potential vernal pool envelope ("PVPE") associated with PVP1 and PVP2 and portions of the work pads and existing access roads for Structures 6257 and 6257A are located within the PVPEs associated with PVP2, PVP3 and PVP4. Vernal pool species protection measures will be implemented where Work Activities extend into the PVPEs. Existing access roads will not be widened or altered where they extend into the PVPEs and non-elevated construction matting would be utilized on the 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 7468, 7467, 7466, 7465, 7464, 7463, 7462, 7460, 7459, 7458, and 7457 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 IA 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 located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and available soil profiles, eight of the proposed work pad locations were identified as possessing a potential for moderate to high archaeological sensitivity. A Phase 1B cultural reconnaissance survey (shovel pit testing) at these locations found no physical evidence of archaeological significance, therefore, no further investigation is recommended or warranted, and no protective measures are required.
- g) Increases in the heights of the 52 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) The Work Areas associated with Structures 6225, 6248 and 6249 are located within a mapped 100-year flood zone associated with the Podunk River and a portion of the Work Area associated with Structure 6248 is located in a floodway associated with the Podunk River. A portion of the Work Area associated with access to Structure 6256 is located within a mapped 100-year flood zone and floodway associated with Plum Gulley Brook, a tributary to the Podunk River. Eversource would utilize its BMPs to minimize any impacts to these flood zones and floodways by utilizing temporary construction matting or by not placing any 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 floodways 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.
- Any NDDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Potential impacts to floodways 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.

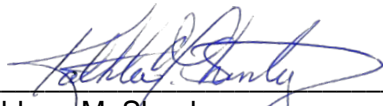
V. Access:

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:

- Barber Hill Road for Structures 6221 and 6221A
- Miller Road for Structure 6225
- Bourbon Street for Structures 6226, 6228, 6229 and 6230
- Abbe Road for Structures 6233, 6234, 8515 and 6236
- Sand Hill Road for Structures 6237, 6238, 6238A, 6239 and 6239A
- Sullivan Avenue for Structures 6240, 6241, 6242, 6243 and 6244
- Ellington Road for Structures 6246, 6247, 6248, 6249, 8499, 6252 and 6253
- Stanley Drive for Structures 6256, 6257, 6257A, 6258 and 6259
- Pleasant Valley Road for Structures 6261, 6262, 6263 and 6265
- Strong Road for Structure 7472
- Nutmeg Road North for Structures 7471, 7470 and 7469
- Foster Road for Structures 7468, 7467, 7466, 7465, 7464, 7463, 7462, 7460, 7459, 7458 and 7457

By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

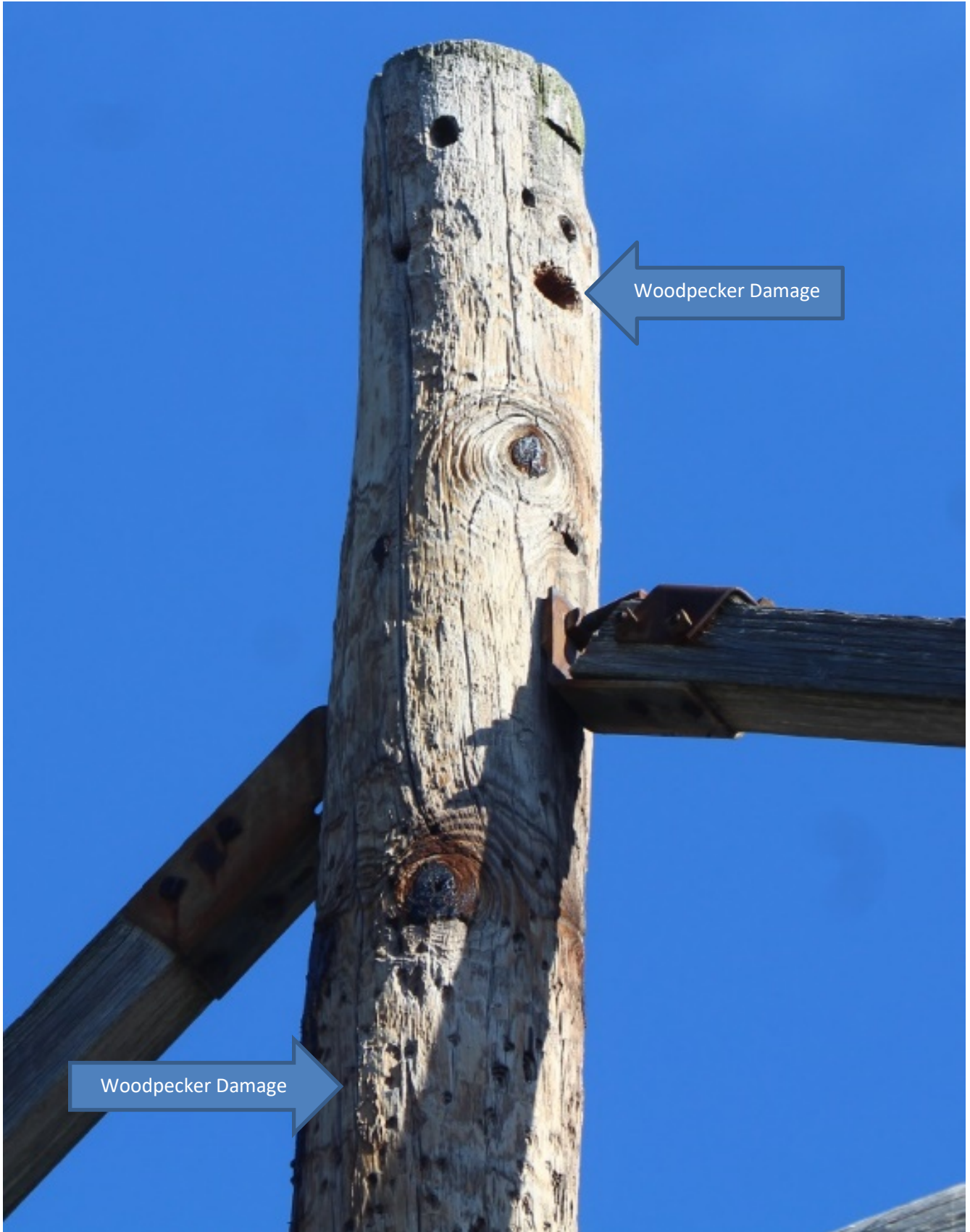
Structure #6225



Age Related Rot/Decay

Split Pole

Structure #6229



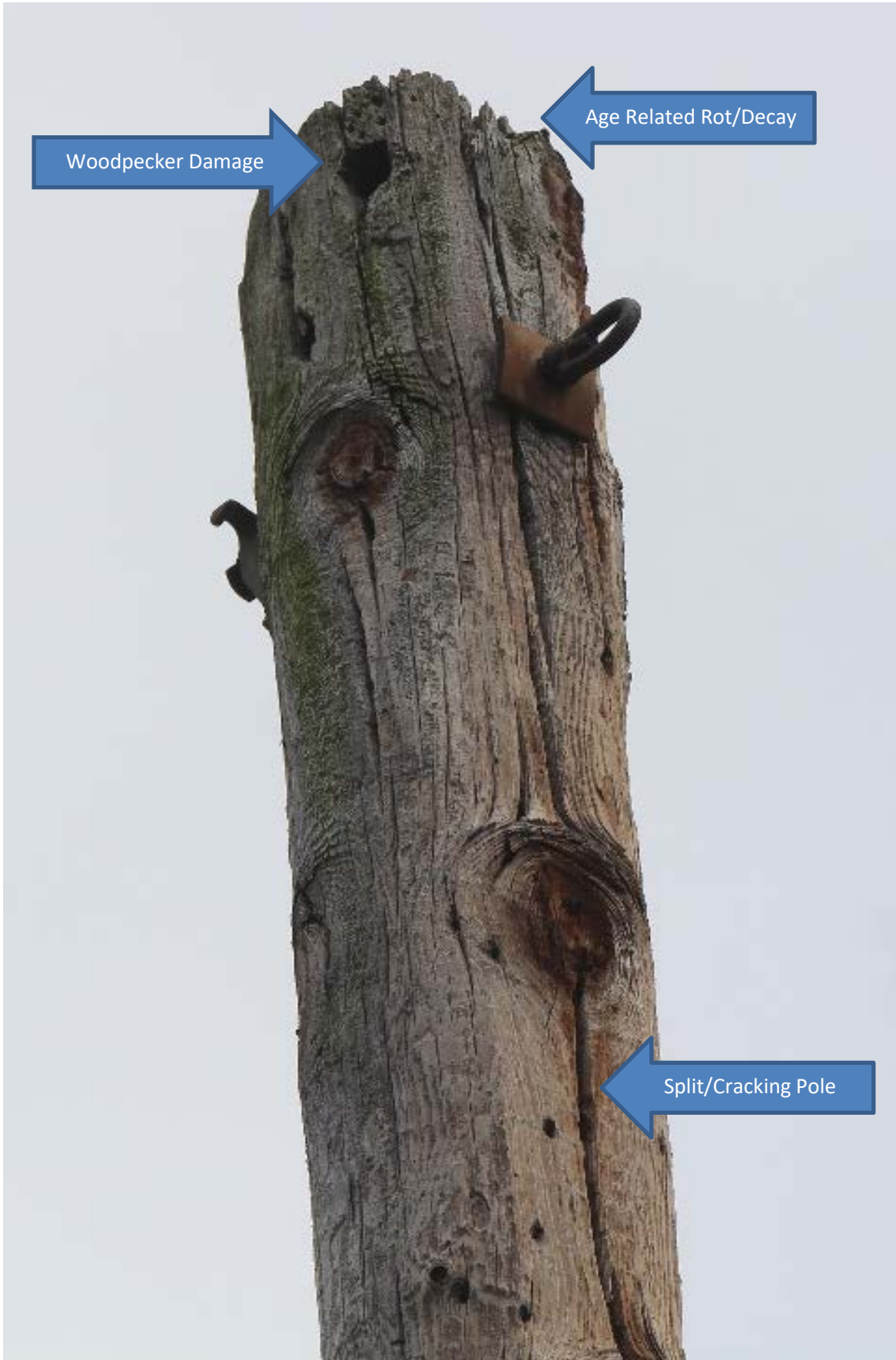
Woodpecker Damage

Woodpecker Damage

Structure #6237



Structure #6240





EXISTING

1310 LINE

STRUCTURE 6265

LOCATION

**PLEASANT VALLEY ROAD
SOUTH WINDSOR, CT**

ORIENTATION

SOUTH





PROPOSED

1310 LINE

STRUCTURE 6265

LOCATION

**PLEASANT VALLEY ROAD
SOUTH WINDSOR, CT**

ORIENTATION

SOUTH

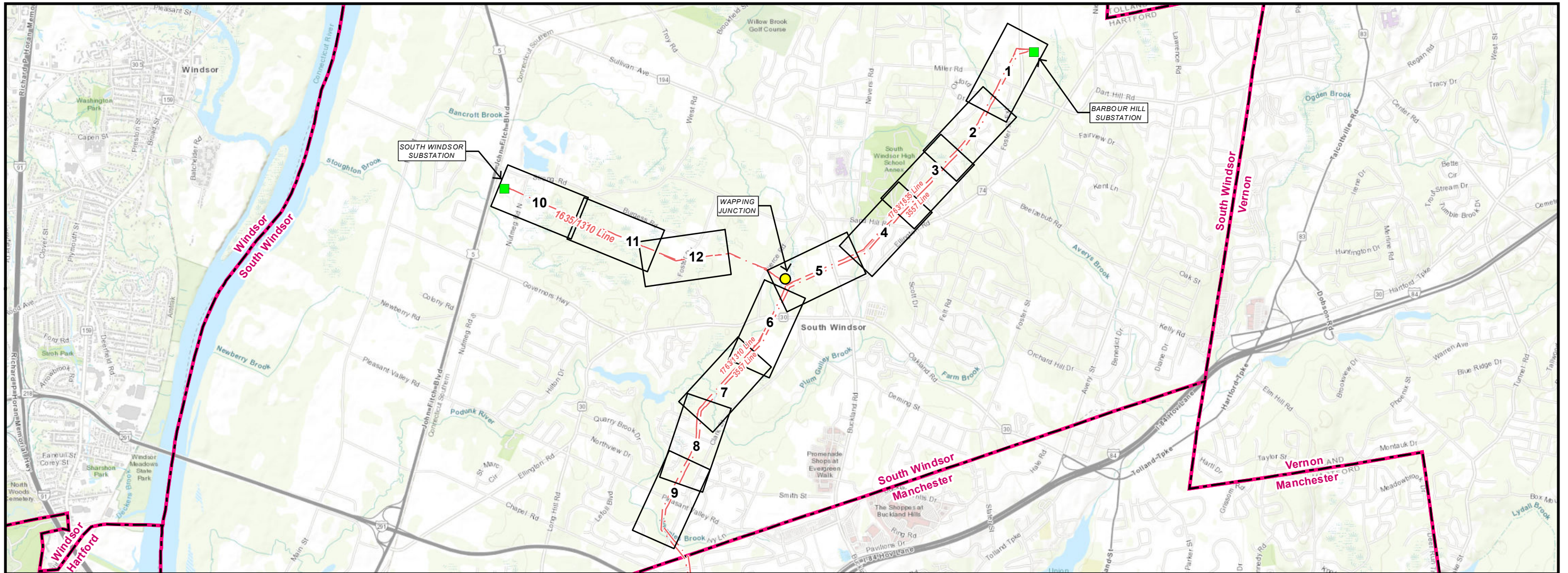


ATTACHMENT C

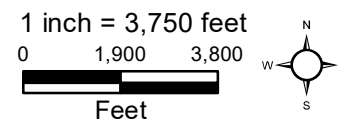
MAPS

1310/1635/1763/3557 LINE STRUCTURE REPLACEMENT PROJECT

South Windsor, CT
 Sub-Petition Map Set
 Revised Date: June 24, 2019



Junction
 Substation
 Map Sheet
 Overhead Eversource Line
 Municipal Boundary



PREPARED FOR:

EVERSOURCE

107 Selden Street
 Berlin, CT 06037

INDEX OF FIGURES
 TITLE SHEET / INDEX MAP
 MAP SHEETS 1-12
 ABUTTER TABLES

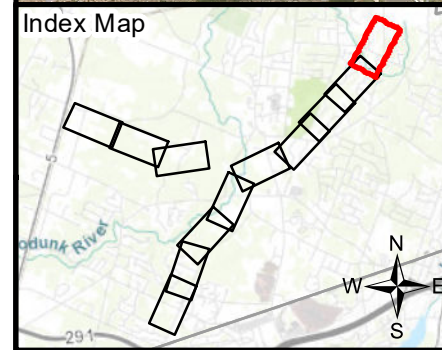
PREPARED BY:

BSC GROUP

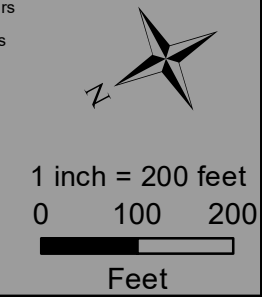
33 Waldo Street
 Worcester, MA 01608

**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 1 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
103	TOWN OF SOUTH WINDSOR	400 MILLER ROAD	SOUTH WINDSOR	CT
108	TOWN OF SOUTH WINDSOR / OPEN SPACE/FLOODPLAIN	R018 MILLER ROAD	SOUTH WINDSOR	CT



Legend	
● Existing Structure	— Delineated Intermittent Watercourse
○ Existing Structure to be Removed	— Delineated Wetland Boundary
● Proposed Structure	■ Field Delineated Wetland
— Existing Access	■ Approximate Wetland (not delineated)
— Proposed Access	— Existing Right of Way
— Proposed Alternate	— Eversource Owned Property
■ Stone Work Pad	— LL# 100 LLN/Property Owner
■ Temporary Construction Matting	— Floodway
— Watercourse (not delineated)	— FEMA 100 year Flood Zone
● Culvert	— Gate
— Fence	— Gas Line (Approximate)
● Potential Vernal Pool	● Potential Vernal Pool
■ Potential Vernal Pool Extent	■ 100' Potential Vernal Pool Envelope
■ NDDB Area December 2018	■ Critical Habitat
— 10' Contours	— 2' Contours



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

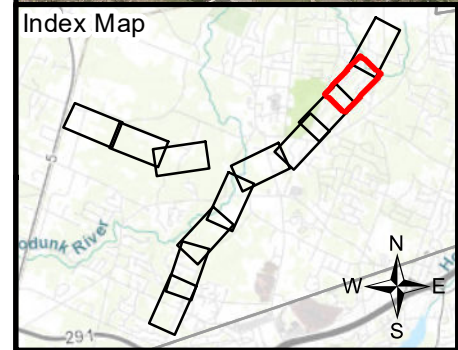
South Windsor, CT
 Page 1 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
 BSC GROUP

**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 2 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
108	TOWN OF SOUTH WINDSOR / OPEN SPACE/FLOODPLAIN	R018 MILLER ROAD	SOUTH WINDSOR	CT
127	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L0012 BOURBON STREET	SOUTH WINDSOR	CT
128	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L0013 BOURBON STREET	SOUTH WINDSOR	CT
131	TOWN OF SOUTH WINDSOR	L047 FOSTER STREET	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	ⓧ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	■ Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone	■ Critical Habitat	

**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

South Windsor, CT
 Page 2 of 12

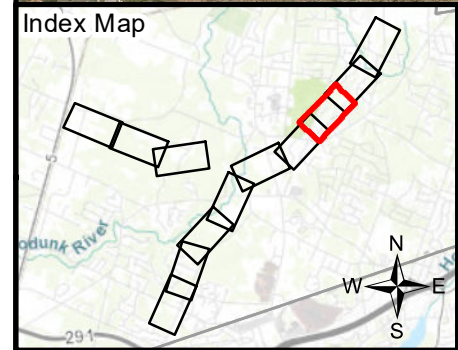
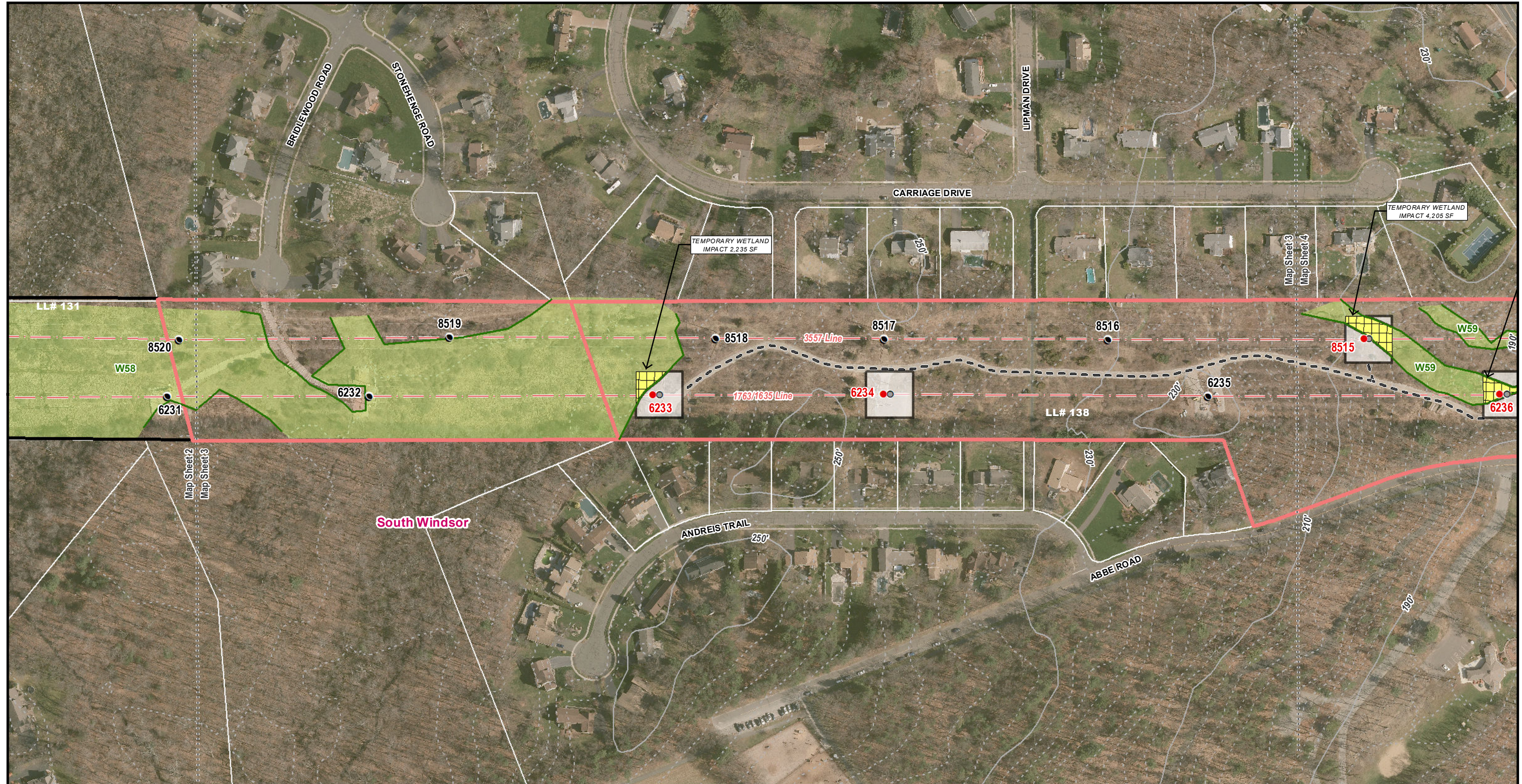
1 inch = 200 feet
 0 100 200
 Feet

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
 BSC GROUP

1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 3 Abutters List

Line List #	Owner Name	Parcel Address	Town	State
131	TOWN OF SOUTH WINDSOR	L047 FOSTER STREET	SOUTH WINDSOR	CT
138	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L002 SAND HILL ROAD	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	ⓧ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	— Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone	■ Critical Habitat	

**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

South Windsor, CT
 Page 3 of 12

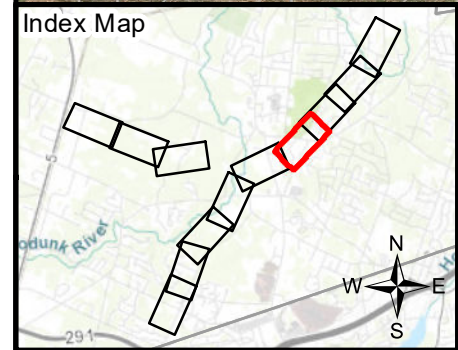
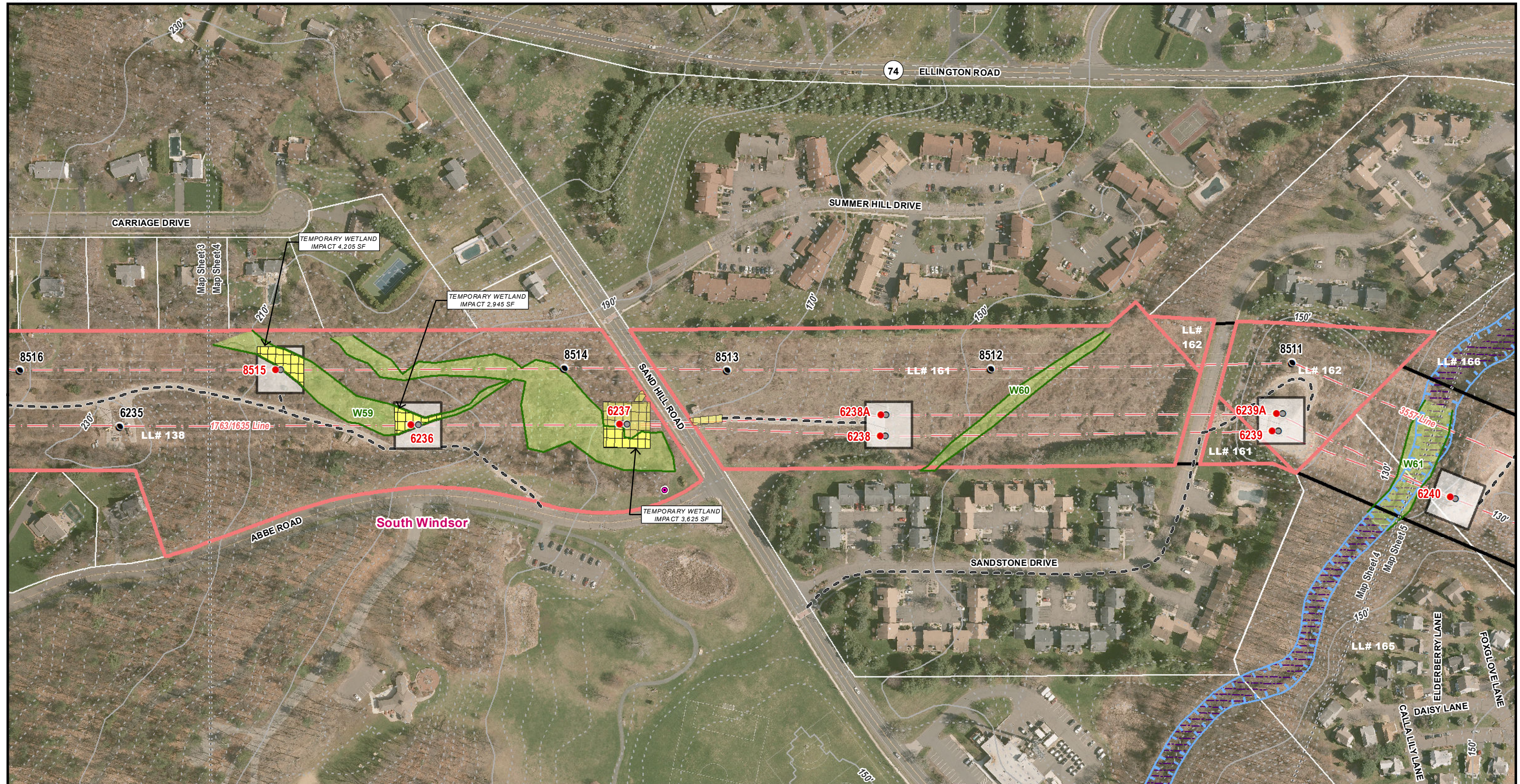
1 inch = 200 feet
 0 100 200
 Feet

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
 BSC GROUP

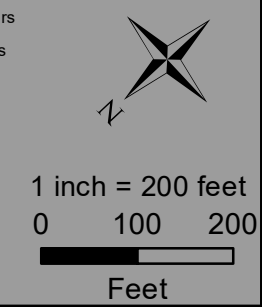
1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 4 Abutters List

Line List #	Owner Name	Parcel Address	Town	State
138	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L002 SAND HILL ROAD	SOUTH WINDSOR	CT
161	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	R004 SAND HILL ROAD	SOUTH WINDSOR	CT
162	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L088 ELLINGTON ROAD	SOUTH WINDSOR	CT
165	THE PEACHBROOKE ASSOCIATION, INC. (38 UNITS)	PEACHBROOK DRIVE	SOUTH WINDSOR	CT
166	CENTER RIDGE DEVELOPMENT LLC	1488 SULLIVAN AVENUE	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	ⓧ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	— Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone	■ Critical Habitat	



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

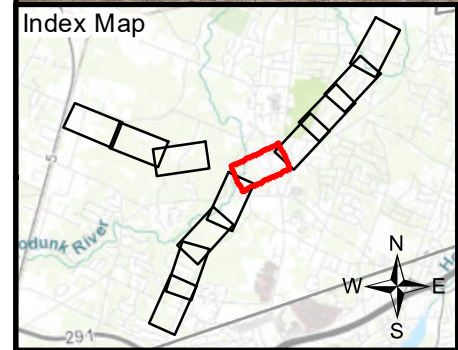
South Windsor, CT
 Page 4 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community



**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 5 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
165	THE PEACHBROOKE ASSOCIATION, INC. (38 UNITS)	PEACHBROOK DRIVE	SOUTH WINDSOR	CT
166	CENTER RIDGE DEVELOPMENT LLC	1488 SULLIVAN AVENUE	SOUTH WINDSOR	CT
167	TOWN OF SOUTH WINDSOR	1407 SULLIVAN AVENUE	SOUTH WINDSOR	CT
169	SOUTH WINDSOR LAND CONSERVATION TRUST, INC.	L076B ELLINGTON ROAD	SOUTH WINDSOR	CT



Legend	
● Existing Structure	○ Existing Structure to be Removed
● Proposed Structure	— Existing Access
— Proposed Access	— Proposed Alternate
■ Stone Work Pad	■ Temporary Construction Matting
— Watercourse (not delineated)	— Delineated Intermittent Watercourse
— Delineated Wetland Boundary	■ Field Delineated Wetland
— Approximate Wetland (not delineated)	— Existing Right of Way
— Eversource Owned Property	— LL# 100 LLN/Property Owner
— Floodway	— FEMA 100 year Flood Zone
○ Culvert	■ Gate
— Fence	— Gas Line (Approximate)
● Potential Vernal Pool	■ Potential Vernal Pool Extent
■ Potential Vernal Pool Envelope	— NDDB Area December 2018
■ Critical Habitat	— 10' Contours
	— 2' Contours

**1310/1635/1763/3557 LINE
STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
June 24, 2019**

South Windsor, CT
Page 5 of 12

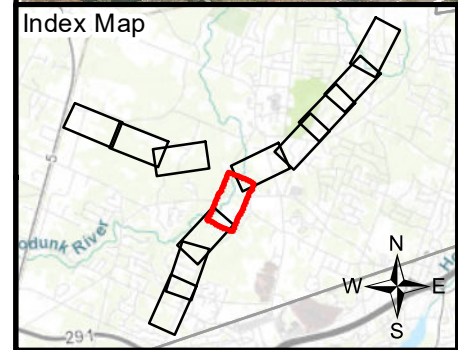
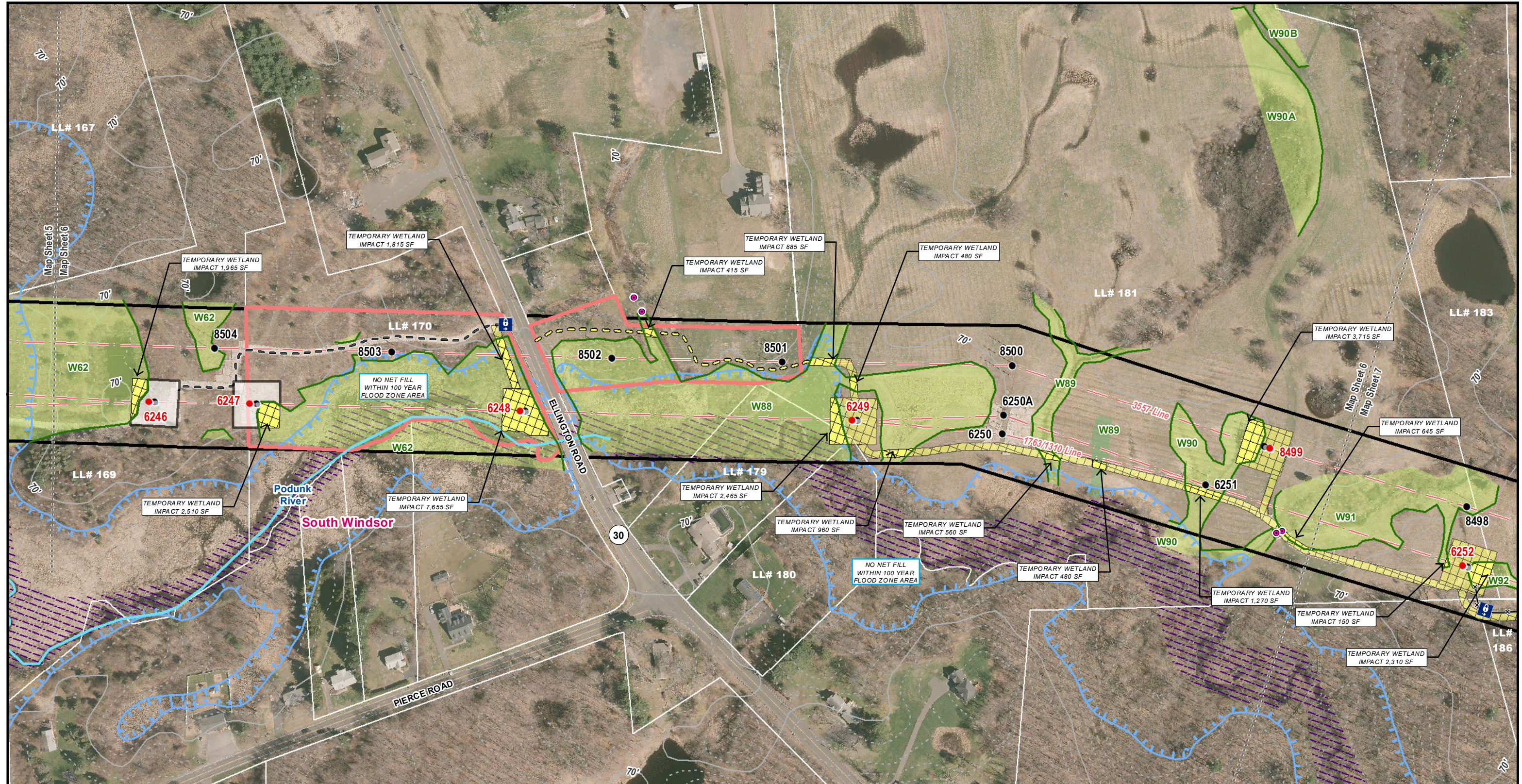
1 inch = 200 feet
0 100 200
Feet

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
BSC GROUP

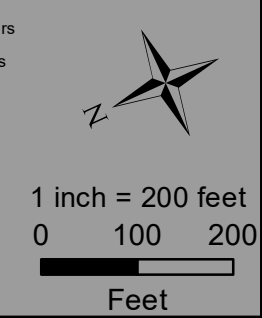
**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 6 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
167	TOWN OF SOUTH WINDSOR	1407 SULLIVAN AVENUE	SOUTH WINDSOR	CT
169	SOUTH WINDSOR LAND CONSERVATION TRUST, INC.	L076B ELLINGTON ROAD	SOUTH WINDSOR	CT
170	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L074 ELLINGTON ROAD	SOUTH WINDSOR	CT
179	DAWN CYR L/U / JAY J CYR	1519 ELLINGTON ROAD	SOUTH WINDSOR	CT
180	WESTLEY & CARMEN JULIEN	1509 ELLINGTON ROAD	SOUTH WINDSOR	CT
181	TOWN OF SOUTH WINDSOR	765 CLARK STREET	SOUTH WINDSOR	CT
183	BRUCE S KELLEY TR	L019 CLARK STREET	SOUTH WINDSOR	CT
186	TOWN OF SOUTH WINDSOR	R088 ELLINGTON ROAD	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	ⓧ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	— Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	— FEMA 100 year Flood Zone	■ Critical Habitat	



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

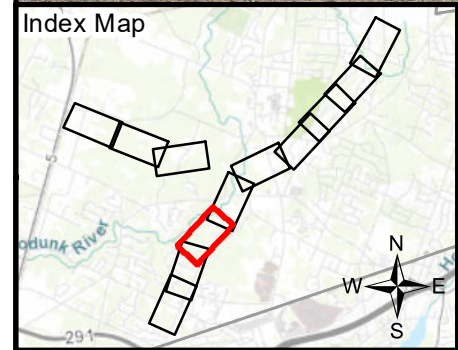
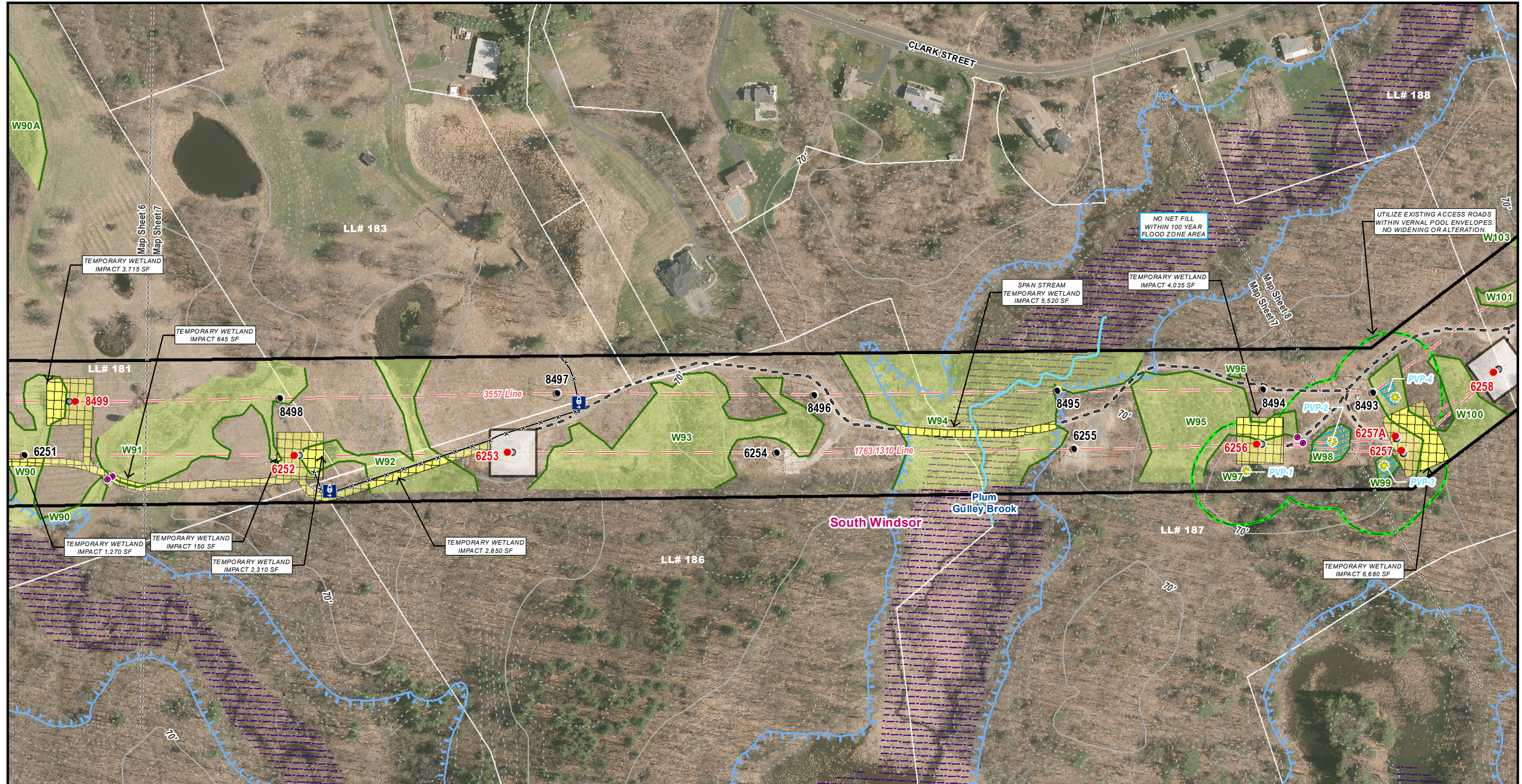
South Windsor, CT
 Page 6 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community



1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 7 Abutters List

Line List #	Owner Name	Parcel Address	Town	State
181	TOWN OF SOUTH WINDSOR	765 CLARK STREET	SOUTH WINDSOR	CT
183	BRUCE S KELLEY TR	L019 CLARK STREET	SOUTH WINDSOR	CT
186	TOWN OF SOUTH WINDSOR	R088 ELLINGTON ROAD	SOUTH WINDSOR	CT
187	TOWN OF SOUTH WINDSOR	505 CLARK STREET	SOUTH WINDSOR	CT
188	TOWN OF SOUTH WINDSOR	L013 CLARK STREET	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	— Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	■ Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone	■ Critical Habitat	

**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

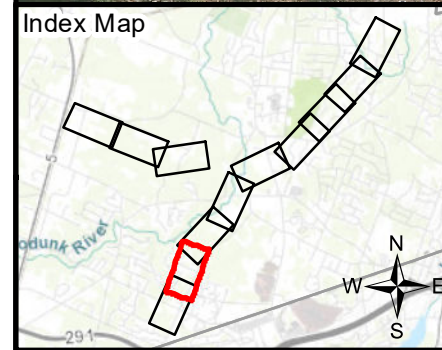
South Windsor, CT
 Page 7 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
 BSC GROUP

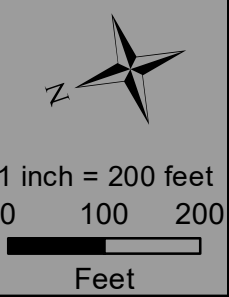
**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 8 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
187	TOWN OF SOUTH WINDSOR	505 CLARK STREET	SOUTH WINDSOR	CT
188	TOWN OF SOUTH WINDSOR	L013 CLARK STREET	SOUTH WINDSOR	CT
196	JOHN J LAWRENCE JR	L008 CLARK STREET	SOUTH WINDSOR	CT
207	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L073 PLEASANT VALLEY ROAD	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	□ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	× Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	— Eversource Owned Property	■ Potential Vernal Pool Extent	
□ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	— FEMA 100 year Flood Zone	■ Critical Habitat	



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

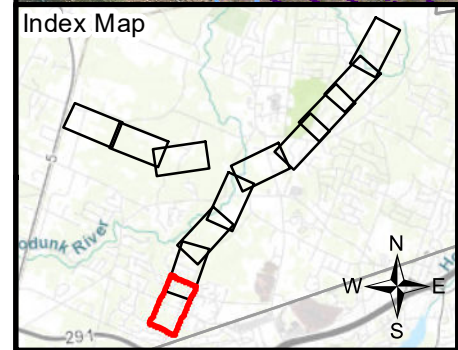
South Windsor, CT
 Page 8 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

EVERSOURCE
 BSC GROUP

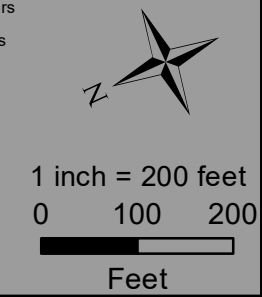
1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 9 Abutters List

Line List #	Owner Name	Parcel Address	Town	State
196	JOHN J LAWRENCE JR	L008 CLARK STREET	SOUTH WINDSOR	CT
207	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L073 PLEASANT VALLEY ROAD	SOUTH WINDSOR	CT
212	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	R063 PLEASANT VALLEY ROAD	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	Ⓜ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	ⓧ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	— Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	— LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	— FEMA 100 year Flood Zone	■ Critical Habitat	



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

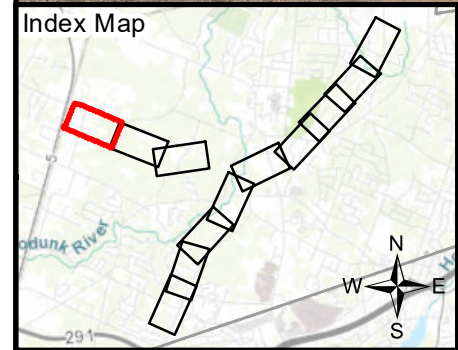
South Windsor, CT
 Page 9 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community



**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 10 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
227	DEFEO REALTY TRUST LLC C/O SHIPMAN & GOODWIN LLP	665 NUTMEG ROAD	SOUTH WINDSOR	CT
230	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	L012 NUTMEG ROAD	SOUTH WINDSOR	CT
237	GENEROSA MENDEZ TRUSTEE	R016 NUTMEG ROAD	SOUTH WINDSOR	CT
238	GUYPHIL LLC	660 NUTMEG ROAD	SOUTH WINDSOR	CT
242	MICHAEL J LANZA TRUSTEE C/O DANIEL LANZA	L018 FOSTER ROAD	SOUTH WINDSOR	CT



Legend	
● Existing Structure	— Delineated Intermittent Watercourse
○ Existing Structure to be Removed	— Delineated Wetland Boundary
● Proposed Structure	■ Field Delineated Wetland
— Existing Access	■ Approximate Wetland (not delineated)
— Proposed Access	— Existing Right of Way
— Proposed Alternate	■ Eversource Owned Property
■ Stone Work Pad	LL# 100 LLN/Property Owner
■ Temporary Construction Matting	— Floodway
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone
● Culvert	— Gate
■ Fence	— Gas Line (Approximate)
● Potential Vernal Pool	■ Potential Vernal Pool Extent
■ Potential Vernal Pool Envelope	■ NDDB Area December 2018
■ Critical Habitat	
— 10' Contours	
— 2' Contours	

**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

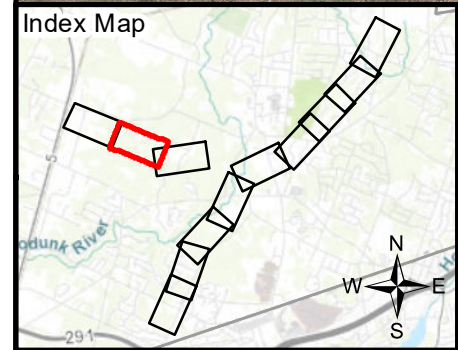
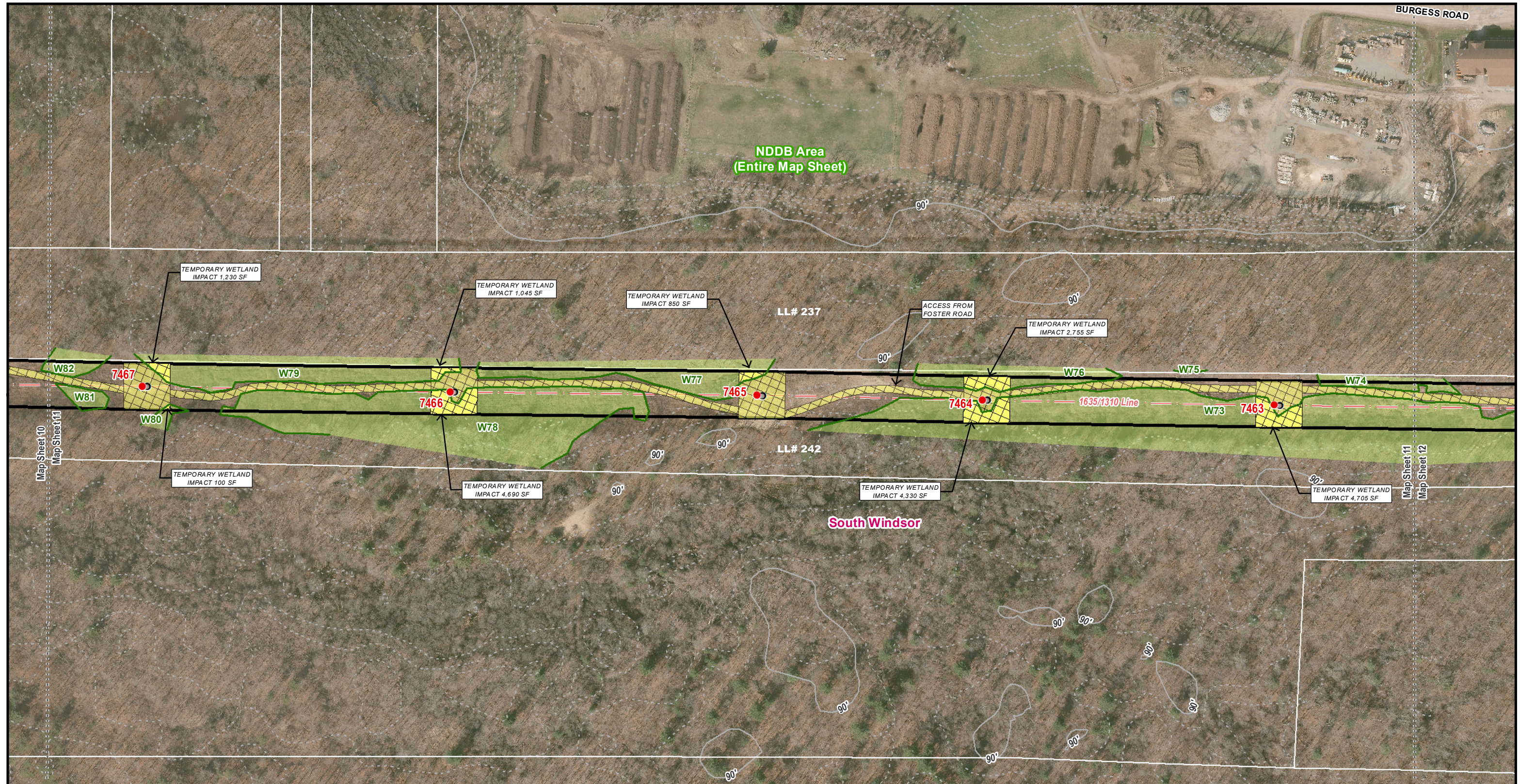
**Sub-Petition Map Set
 June 24, 2019**

South Windsor, CT
 Page 10 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community

1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 11 Abutters List

Line List #	Owner Name	Parcel Address	Town	State
237	GENEROSA MENDEZ TRUSTEE	R016 NUTMEG ROAD	SOUTH WINDSOR	CT
242	MICHAEL J LANZA TRUSTEE C/O DANIEL LANZA	L018 FOSTER ROAD	SOUTH WINDSOR	CT



Legend	
● Existing Structure	— Delineated Intermittent Watercourse
○ Existing Structure to be Removed	— Delineated Wetland Boundary
● Proposed Structure	■ Field Delineated Wetland
— Existing Access	■ Approximate Wetland (not delineated)
— Proposed Access	— Existing Right of Way
— Proposed Alternate	■ Eversource Owned Property
■ Stone Work Pad	— LL# 100 LLN/Property Owner
■ Temporary Construction Matting	— Floodway
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone
● Culvert	— Gate
■ Fence	— Gas Line (Approximate)
● Potential Vernal Pool	■ Potential Vernal Pool Extent
■ Potential Vernal Pool Envelope	■ 100' Potential Vernal Pool Envelope
■ NDDB Area December 2018	■ Critical Habitat
— 10' Contours	
— 2' Contours	

1310/1635/1763/3557 LINE
STRUCTURE REPLACEMENT PROJECT

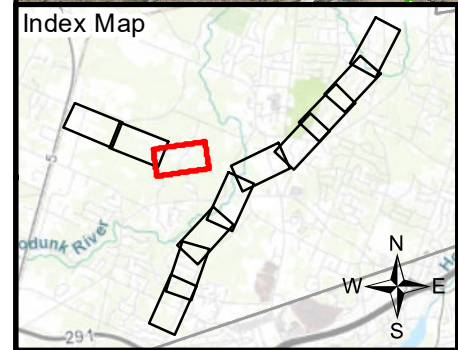
Sub-Petition Map Set
June 24, 2019

 South Windsor, CT
 Page 11 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye, i-cubed, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., AEX, GEBCO, USDA, USGS, FAO, NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP, IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI, ESRI China (Hong Kong), swisstopo, & the GIS User Community

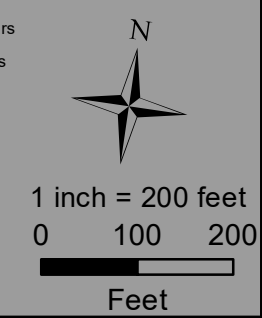
**1310/1635/1763/3557 Line Structure Replacement Project
Map Sheet 12 Abutters List**

Line List #	Owner Name	Parcel Address	Town	State
237	GENEROSA MENDEZ TRUSTEE	R016 NUTMEG ROAD	SOUTH WINDSOR	CT
242	MICHAEL J LANZA TRUSTEE C/O DANIEL LANZA	L018 FOSTER ROAD	SOUTH WINDSOR	CT
253	THOMAS J & JANE O RICE	340 FOSTER ROAD	SOUTH WINDSOR	CT
256	WELLS FARGO BANK TRUST C/O LEE J LEFKOWITZ	296 FOSTER ROAD	SOUTH WINDSOR	CT
257	KEVIN & JESSICA FAGAN	R016 FOSTER ROAD	SOUTH WINDSOR	CT
258	KEVIN & JESSICA FAGAN	286 FOSTER ROAD	SOUTH WINDSOR	CT
259	MANUEL & MARIA GUZMAN	276 FOSTER ROAD	SOUTH WINDSOR	CT



Legend

● Existing Structure	— Delineated Intermittent Watercourse	○ Culvert	— 10' Contours
○ Existing Structure to be Removed	— Delineated Wetland Boundary	⊕ Gate	— 2' Contours
● Proposed Structure	■ Field Delineated Wetland	⊗ Fence	
— Existing Access	■ Approximate Wetland (not delineated)	— Gas Line (Approximate)	
— Proposed Access	— Existing Right of Way	☀ Potential Vernal Pool	
— Proposed Alternate	■ Eversource Owned Property	■ Potential Vernal Pool Extent	
■ Stone Work Pad	LL# 100 LLN/Property Owner	■ 100' Potential Vernal Pool Envelope	
■ Temporary Construction Matting	— Floodway	■ NDDB Area December 2018	
— Watercourse (not delineated)	■ FEMA 100 year Flood Zone	■ Critical Habitat	



**1310/1635/1763/3557 LINE
 STRUCTURE REPLACEMENT PROJECT**

**Sub-Petition Map Set
 June 24, 2019**

South Windsor, CT
 Page 12 of 12

Source:
 -BSC Group, Inc.: Field Delineated Data
 -CT DEEP, Basemap & Environmental Data
 -Aerial & Topo Imagery: ESRI, DigitalGlobe, GeoEye,
 i-cubed, DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA, USGS, FAO,
 NPS, NRCAN, GeoBase, Getmapping, Aerogrid, IGP,
 IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the GIS User
 Community



ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE

June 28, 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 South Windsor. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-SW-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-SW-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,

Ciara Stage

Ciara Stage
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 28, 2019, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-SW-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality listed below and 24 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 South Windsor
Matthew B. Galligan, Town Manager
1540 Sullivan Avenue
South Windsor, CT 06074



James L. Smith
Project Siting Specialist

On this the 28 day of June, 2019, 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: 9/30/2022

