

November 25, 2015

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

Re: 1810 Transmission Line Upgrade Project

Dear Chairman Stein:

Attached are an original and fifteen (15) copies of a petition on behalf of The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource" or the "Company") requesting a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to 115-kV transmission lines in the Towns of Southington and Bristol, Connecticut ("Petition").

Prior to submitting this Petition, representatives from Eversource briefed municipal officials in Southington and Bristol on the proposed modifications. Written notice was provided to all abutters notifying them of the proposed work and the Petition being filed with the Council. A map and line list identifying the abutting property owners who were notified of the Project are provided Attachment B: 1810 Transmission Line Upgrade Aerial Maps with Abutters. The letter to the abutters and the Affidavit of Service are provided in Attachment D: Letter to the Abutters and Affidavit.

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

Sincerely,



John Morissette

Project Manager – Transmission Siting -CT

Attachment: Petition

cc: Garry Brumback, Southington Town Manager  
Kenneth B. Cockayne, Mayor of Bristol



**THE CONNECTICUT LIGHT AND POWER COMPANY doing business as**  
**EVERSOURCE ENERGY**

PETITION TO THE CONNECTICUT SITING COUNCIL  
FOR A DECLARATORY RULING OF  
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT  
FOR THE PROPOSED MODIFICATIONS TO THE EXISTING 1800 LINE AND 1810 LINE IN  
THE TOWNS OF SOUTHTON AND BRISTOL, CONNECTICUT

1. The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource" or the "Company") hereby petitions the Connecticut Siting Council ("Council") for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need ("Certificate") is required pursuant to Section 16-50g et seq. of the Connecticut General Statutes for the modifications to the existing 1800 115-kV transmission line ("1800 Line") and 1810 115-kV transmission line ("1810 Line") within existing rights-of-way ("ROW") located in Bristol and/or Southington that are described herein (the "Project"). Eversource submits that no such Certificate is required because the proposed modifications would not have a substantial adverse environmental effect.

**2. Purpose of Project**

The purpose of the proposed Project is to increase the transmission line rating for a portion of the 1810 Line in order to eliminate the potential for transmission system thermal criteria violations based on the results of the May 2014 Greater Hartford and Central Connecticut Area ("GHCC") Needs Assessment performed by the Independent System Operator of New England ("ISO-NE") and in accordance with the February 2015 GHCC Solutions Study performed by ISO-NE ("the Solutions Study"). The Project, in combination with other necessary system improvements identified in the Solutions Study, eliminates thermal and voltage criteria violations identified in the Northwestern Connecticut ("NWCT") geographic sub-area of the GHCC area.

**3. Project Description**

This Project consists of three components: (1) reconductoring approximately 1.75 miles of the existing 1810 Line from Forestville Junction in Southington to one structure past Lake Avenue Junction in Bristol ("Reconductoring") and adding bracing to the existing H-frame structures; (2) rebuilding and reconductoring approximately 1.85 miles of the existing double-circuit lattice towers ("DCLT") that support the existing 1800 and 1810 Lines from

Southington Substation to structure 1815 in Southington (“Rebuild”) as the existing structures are not strong enough to support the larger conductor required for the new line rating on the 1810 Line; and, (3) reinforcement of an existing structure at Southington Substation within the existing fenced area. (See Figure 1: Project Overview Map). The Project would be located entirely within Eversource’s existing ROW or on Eversource property. Detail of the proposed scope of work is provided below.

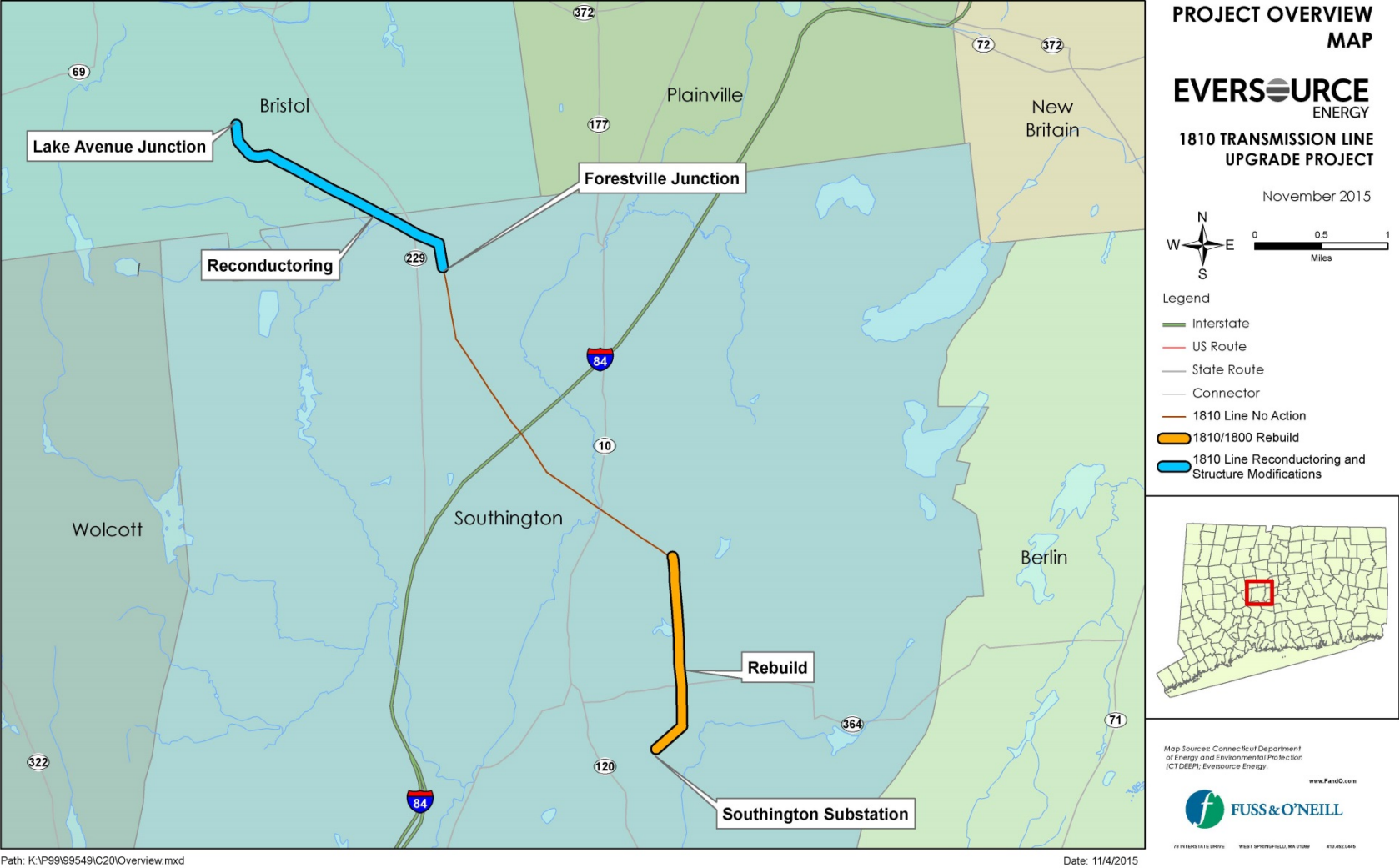
**I. Reconductoring (1.75 Miles) on the 1810 Line**

- a) Replacement of the existing 795-kcmil 45/7 ACSR conductor with new 795-kcmil 26/7 ACSS conductor on the 1810 Line which is on the west side of the double circuit structures from Forestville Junction to one structure past Lake Avenue Junction (structures 1844 to 1860).
- b) Reinforcement of seven existing wood double-circuit H-frame structures that support the 1810 Line and the 1825 115-kV transmission line (“1825 Line”). Reinforcement would consist of installing new cross bracing on four structures that currently do not have such bracing, installing additional cross bracing on one structure with existing bracing, and replacing existing cross bracing on two structures.
- c) Reinforcement of two horizontally configured DCLT structures that support the 1810 and 1825 Lines. Reinforcement would consist of installing additional bracing angles in the truss area and reinforcing the two foundation footings of each of the two structures by excavating the soil around the base of the structure and filling with concrete.
- d) Installation of new optical ground wire (“OPGW”) from Forestville Junction to Lake Avenue Junction on the 1810 Line side.

The proposed Reconductoring modifications are shown on Attachment A, Cross Sections – Sheet XS-1 and Attachment B, 1810 Transmission Line Upgrade Project.



Figure 1: Project Overview Map



## **II. Rebuild (1.85 miles) on the 1800 and 1810 Lines**

- a) Replacement of nine DCLT tangent structures with new direct-embedded double-circuit galvanized steel pole structures.
- b) Replacement of each of six DCLTs angle structures with two drilled shaft single-circuit galvanized steel pole structures on new foundations.
- c) Replacement of the existing 556-kcmil 24/7 ACSR conductor with new 1272-kcmil 54/19 ACSS conductor on the 1810 Line. The existing 1272-kcmil ACSR on the 1800 Line would be transferred from the existing DCLT onto the new steel pole structures.
- d) Installation of new optical ground wire (OPGW) from structure 1805 to structure 1815 on the 1810 Line side.
- e) Installation of new 7#8 Alumoweld shield wire would be installed from Southington Substation to structure 1815 on the 1800 Line side.
- f) Approximately 10 feet of tree clearing or vegetation removal would be required within and along the western portion of the ROW. This vegetation currently provides visual screening of the ROW from some of the existing properties adjacent to the ROW corridor.

The height ranges of the existing DCLT structures are between 95 to 105 feet above ground level. The new proposed structures would be approximately 5 to 20 feet taller than the existing structures with the tallest proposed structure being 120 feet. The increase in height is to comply with the 2012 National Electric Safety Code requirements and the Company's updated Overhead Transmission Line Standards, including updates to its phase spacing requirements.

After removal of the old structures, the existing DCLT foundations would be cut to ground level.

T-Mobile Northeast, LLC currently has telecommunication equipment installed on existing structure 1814 in Southington that would be replaced as part of the Project. Eversource

has informed T-Mobile of the Project and the opportunity for T-Mobile to relocate its existing equipment to the new proposed structure 1814, if the Project is approved by the Council.

The proposed Rebuild modifications are shown on Attachment A, Cross Sections – Sheet XS-2 to XS-4 and Attachment B, 1810 Transmission Line Upgrade Project.

### **III. Southington Substation**

- a) Installation of braces on the truss area of the 1810 Line terminal structure to provide additional reinforcement.

## **4. Existing Environment Effects and Mitigation**

The proposed transmission line work and the substation modification described above would not have a substantial adverse environmental effect, as explained more fully below. The substation modifications and line work would be constructed entirely within Eversource-owned properties or existing transmission ROW. Limited tree clearing within portions of the ROW would be required.

### **Existing Rights-of-Way**

In the Reconductoring section, the 1810 Line shares the transmission ROW with the existing 1825 115-kV transmission line (“1825 Line”). In the Rebuild section, the 1810 Line share the transmission ROW with the existing 1800 Line, the existing 1820 115-kV transmission line (“1820 Line”), and the 329 345-kV transmission line (“329 Line”). The existing ROW was established in 1942. The existing 1800 and 1810 Lines were put in service in 1962 and 329 Line was put in service in 1965. The width of the ROW ranges from 150 feet to 235 feet. The structures types in the ROW vary and include single-circuit wooden monopoles, single- and double-circuit H-frames three pole wooden structures, and double-circuit lattice towers (proposed to be replaced in the Rebuild section). See Attachment A: Cross Sections – Existing and Proposed Conditions.

### **Land Use**

Lands in the Project area are characterized by rolling topography with some forest vegetation. The ROW was established for utility purposes more than 70 years ago and lands within the portions of the ROW occupied by the existing transmission lines have been managed to promote shrub or similar low-growth vegetation, compatible with

overhead utility use. Land use adjacent to the Reconductoring section is a mix of industrial and commercial uses with some undeveloped lands (open fields and forest lands). Land uses adjacent to the Rebuild section are primarily residential. Residential features that extend into the ROW include maintained lawns and gardens. There are three community gardens within the ROW located in the Rebuild section between structures 1809 and 1810.

Adjacent land use for Southington Substation is mostly residential to the north and south, St. Thomas Cemetery is located to the west and south and the Town of Southington's open space, wetlands, and Eversource's ROW is to the south and east.

Though the Project would be traversing through some maintained lawns and gardens within the established ROW, Eversource would work with the property owners to restore these areas and other similarly improved areas upon completion of the Project.

#### Scenic, Recreational and Cultural Resources

There are no designated scenic roads or byways that bisect or are adjacent to the ROW or substation. A review of known cultural (archaeological and historical resources) was conducted by Heritage Consultants, LLC ("Heritage") in October 2013 and October 2015. No previously recorded archeological sites or historic properties were identified within or adjacent to the Project area. Therefore, there are no impacts to scenic, recreational or cultural resources from the proposed Project.

There are no recreational parks, forests, or trails within or adjacent to the Project area.

#### Wetlands, Watercourses, Surface Waters and FEMA Flood Zones

Eversource contracted with the firm Fuss & O'Neil to identify and/or delineate wetland and water resources within the Project area. As a result of this review, during May and August 2015, Fuss & O'Neil identified various wetlands and one watercourse (intermittent stream) which are shown on the maps located in Attachment B. No vernal pools have been identified within the Project area.

Spring Lake is the only surface water in the Project corridor. The Project is not located within a 100- or 500-year flood zone. The Project would not directly impact Spring Lake and E&S controls would be implemented, where appropriate, to avoid or mitigate any potential impacts.

There would be no permanent fill within wetlands as a result of the Project, and all temporary impacts to wetlands would be limited to construction matting that would be removed and the area restored to pre-construction conditions.

#### Water Supply

No public supply reservoirs, public/private water supply wells or aquifer protection areas are located in the vicinity of the Project.

#### Endangered Species

Eversource reviewed the Department of Energy and Environmental Protection's ("CT DEEP") Natural Diversity Data Base ("NDDB"), to determine if there were any state-listed endangered, threatened, or special concern species or critical habitat in the Project area. According to the NDDB, there are no state-listed endangered, threatened, or special concern species or critical habitat in the Project area.

#### Sound Levels Along Transmission ROW and at the Substation

Transmission ROW - There would be no changes to the sound levels along the transmission corridor after completion of the Project.

Southington Substation - No new equipment is being installed at the Southington Substation and sound levels would continue to meet local ordinances and state regulations specified in Regulations of Connecticut State Agencies §§ 22a-69-3.3, -3.5(a), -3.7, -4(g).

#### Radio and Television Interference

There would be no radio or television interference as a result of the Project.

### Visual Effects

The Reconductoring portion of the Project would see some change to the visual character of the existing structures, due to the added cross bracing, but these changes are considered to be negligible.

The Rebuild portion of the Project would involve some clearing/tree removal and replacing the existing DCLT structures with new monopole structures that would be 5 to 20 feet higher than the existing structures. However, the overall visual effect of the Rebuild would be mitigated by aligning the replacement structures within the existing corridor in the same general location as the existing structures. The monopole design would also provide a more streamlined appearance than the existing lattice tower design. Eversource is working with and will continue to work with individual property owners to mitigate impacts from vegetation (tree) removal.

No new equipment is being installed at the Southington Substation; therefore, there is no change in the visual character of the facility.

## **5. Construction Sequence and Methods**

The Project would be constructed, operated, and maintained in accordance with established industry practices and in accordance with the Company's *December 2011 Best Management Practices Manual: Connecticut* ("BMPs"). The Project would also conform to federal and state permits obtained for the Project.

During construction of the Reconductoring section, the existing transmission line structures would be evaluated to ensure that their structural integrity complies with Eversource's storm hardening requirements. If one or more structures do not comply with those requirements, any non-compliant structure components, such as damaged or overstressed structure members (i.e., angle braces, cross arms, existing cross braces) or shield wire hardware, would be replaced during the Project.

Construction-related vehicles (e.g., pickup trucks, bucket trucks, concrete trucks, drill rigs, front loaders, reel trailers, bulldozers, pullers, tensioners, wood chippers, cranes, forklifts, side booms and dump trucks) and equipment (mowers, hand tools, silt fencing,

etc.) would be utilized, though not all vehicle types would be utilized for both the Reconductoring and Rebuild segments of the Project. Access to the structure locations within the ROW would be from existing or new access roads in the Project area.

Construction vehicles and equipment would enter and exit the ROW at various points from public roads. To safely move construction vehicles and equipment on to and off the ROW, while minimizing disruptions to vehicular traffic along public roads, Eversource or its contractor, would work with municipalities and/or the Connecticut Department of Transportation ("ConnDOT"), as needed. The construction contractor is typically responsible for posting and maintaining construction warning signs along public roads near work sites and for coordinating the use of flaggers or police personnel to direct traffic, as necessary. However, Project-related traffic is generally expected to be temporary and highly localized in the vicinity of the ROW access points and the staging areas.

### **Detail and Sequence of Construction Activities**

#### **Clearing and Vegetation Removal**

Preparation of the ROW, would include vegetation removal or mowing from the managed portion of the ROW. Woody vegetation (trees) that could interfere with the operation of the overhead transmission lines would be removed.

In the Reconductoring section, the ROW is currently maintained and tree clearing is not anticipated within the existing corridor. Some vegetation removal will be required within construction areas, access roads and work/pull pads areas; the removal would use manual and/or mechanical methods.

In the Rebuild section, 10 feet of clearing/vegetation removal in the western portion of the ROW is required in order to provide the required clearances to safely operate the new proposed transmission facility. All vegetation would be removed using mechanical methods that could include utilizing chainsaws, brush mowing units, tree harvesters, feller-bunchers, forwarders, log skidders and log trucks.

#### Soil Erosion and Sediment Control Installation

Construction of the Project would conform to best management practices for E&S control, including those measures provided in the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the Company's BMPs. Typical E&S control measures include, but are not limited to, straw blankets, straw bales, silt fencing, check dams, berms, swales, and sediment basins. Silt fencing would be installed prior to construction to demarcate the line of construction and prevent migration of sediment or construction materials out of the work area.

Temporary E&S control measures would be installed, where needed, and maintained and inspected throughout the Project to ensure their integrity and effectiveness. Following the completion of construction, seeding and/or mulching would occur to permanently stabilize previously disturbed areas. The temporary E&S control measures would remain in place until the Project work is complete and all disturbed areas have been stabilized.

#### Access Roads, Work Pads and Pull Pads

After clearing, site preparation would continue with road building and improvements to the existing access roads. The locations of new access roads, work pads and pulling pads were based on the environmental field studies and constructability reviews conducted for the Project and are depicted on the map sheets provided as Attachment B. Many access roads are already established and these existing access roads would be used for the construction of the Project wherever possible. E&S controls would be installed, as necessary, before the commencement of any improvements to or development of access roads.

Access road installation and improvements would utilize gravel and typically include trimming existing adjacent vegetation (for existing roads) and clearing vegetation (for new roads) to achieve a width of approximately 16 to 20 feet. One proposed access road would traverse a wetland and construction mats would be used at this location to minimize temporary construction impacts. There is one existing culvert that may also be



repaired if damaged during construction. Crushed stone anti-tracking pads would be installed at vehicular access points from public roads.

A typical (upland) installation of a work pad at a structure location involves several steps, if necessary: (1) removal of vegetation, (2) grading to create a level work area and (3) removing the upper three to six inches of topsoil (which is typically unsuitable to support the necessary construction activities). The topsoil would be temporarily stockpiled within the ROW, typically near the work pad. A rock base, which allows drainage, would be layered on top of filter fabric, if necessary. Additional layers of rock with dirt/rock fines are typically placed over this rock base. The work pad associated with structure 1858 will be located in a wetland and would utilize construction mats to minimize impacts.

Work pads in the Rebuild section would be approximately 100 feet by 100 feet for tangent structures and 150 feet by 100 feet for angle structures. In the Reconductoring section, the work pads would range from 35 feet by 70 feet on tangent structures to 150 by 100 feet on angle structures.

Locations for pulling pads, for conductor and OPGW installation, would typically be 50 feet by 100 feet. Pulling pads would be constructed using techniques similar to those for work pads.

### Staging Areas

There are two proposed staging areas for the Project, which would be located in Southington on parcels owned by Eversource. One staging area would be approximately 2.75 acres in size (approximately 200 feet by 600 feet) and would be located adjacent to Eversource's Southington Substation. Access to this staging area is from either Peter's Circle (the primary access) or Lepage Drive. The second proposed staging area is an existing parking lot that is approximately 0.1 acres in size (100 feet by 50 feet). The parking lot is off of Bellevue Avenue at the entrance to Southington Substation. Both staging areas are identified in Attachment B – Sheets 13, 14 and 15.

The staging areas would be utilized by the Project to store construction materials, equipment, tools, and supplies (including conductor, insulators, hardware, poles and construction mats). Office trailer(s) that will be used for the duration of the Project would

be located at the staging areas and non-hazardous waste materials (e.g., removed conductor, hardware and insulators) may be accumulated and temporarily stored at the staging areas prior to off-site removal and/or disposal. The staging areas would also be used by construction crew members for parking personal vehicles, as well as construction vehicles, and for performing minor maintenance, when needed, on construction equipment. E&S controls would be installed, as necessary, at the staging areas and maintained until Project completion at which time the area would be restored, stabilized, and E&S controls removed.

Once the access roads are prepared, mobilization activities would commence including material delivery from the staging areas to the work sites.

#### Foundation Installations

For the Rebuild section, excavation and installation of foundations would use mechanical excavators, drill rigs and pneumatic hammers. During non-working hours, fencing or other barricades would be placed around or over open foundation excavations for structures.

#### Structure Assembly/Installation

Structure sections and associated material would be delivered using trucks and/or tractor trailers and would be stored at the staging area until removed to individual work/structure sites. New structures would be delivered to installation locations in sections, then assembled and installed with a crane. Insulators and connecting hardware would be installed on most structures at this time.

For the Southington Substation, a man lift straight boom would be used for the reinforcement work on the terminal structure.

#### Conductor Installation

For both the Rebuild and Reconductoring, installation of overhead line conductors and shield wires would require the use of special pulling and tensioning equipment, which would be positioned at pre-determined pulling locations that are depicted in Attachment B.

Helicopters may be used for conductor and shield wire pulling activities.

### Restoration

After construction, structure work pads and new access roads in upland areas would be left in place to facilitate future transmission line maintenance, unless directed to be removed by the landowner. Access roads, work pads and pull pads that may be located within a manicured or otherwise improved residential area would typically be removed unless the landowner requests that they remain in place.

Construction mats would be removed after the Project is complete. Any areas of disturbance would be promptly stabilized in order to minimize the potential for soil erosion or the flow of sediment into resource areas and inspected until stabilization is complete.

### Waste Management

After removal, the existing steel lattice towers, conductor, associated hardware, concrete and any other construction debris would be disposed of or recycled in accordance with applicable regulations and Eversource's BMPs.

### Noise

Construction-related noise would be short-term and localized in the vicinity of the work sites.

### Construction Schedule and Work Hours

Construction of the Project is scheduled to commence in the summer of 2016 and be completed by the spring of 2017. Restoration would be completed during the spring of 2017.

Normal work hours would be Monday through Saturday from 7:00 AM to 7:00 PM. Within the Spring Lake Village Condominium complex, the Project has agreed to an 8:00 AM start time. Sunday work hours may be required during transmission line outages. Multiple crews may work concurrently on different sections of the Project within the ROW.

### Inspections

Eversource would conduct weekly environmental compliance inspections until construction and restoration is complete.

## **6. Electric and Magnetic Fields**

### Rebuild Section

Due to the location and design changes in the Rebuild portion, Eversource prepared calculations of the existing and post-Project electric and magnetic fields (“EMF”) for this section of the ROW. The calculations were based on project average annual loading conditions, because these are most representative of typical conditions. The calculations were made relative to the centerline of the proposed modified transmission lines. The calculations apply at one meter (3.28 feet) above grade, and assume that the lowest conductor for each 115-kV circuit is 30 feet above grade and that the adjacent 345-kV circuit is 35 feet above grade.

Magnetic field levels are reduced on the west edge of the ROW along this section of the route compared to current conditions during annual average load conditions. The magnetic field levels on the east edge of the ROW remain essentially unchanged.

Electric fields levels are projected to increase slightly at the west edge of the ROW compared to the levels resulting from existing configuration. However, beyond the ROW further to the west, the electric fields would decrease slightly from existing conditions. Electric fields at and beyond the east edge of the ROW would remain essentially unchanged.

Table E-1 below summarizes the calculated magnetic fields at the ROW edges before and after the modifications of the 1800 and 1810 Lines. (Note: Table E-1 provides calculations for discrete sections of the Project ROW because magnetic fields differ where the number and/or configuration of the lines on the ROW is different.)

**Table E-1 - Summary of Magnetic Field Calculations for the Rebuild Section**

<b>Magnetic Field Calculation Summary (Average Annual Loads, field in mG)</b>				
<b>Section</b>	<b>West Edge of ROW</b>		<b>East Edge of ROW</b>	
	<b>Pre</b>	<b>Post</b>	<b>Pre</b>	<b>Post</b>
<b>Southington S/S to Str 1805</b>	65.5	43.8	139.8	139.9
<b>Str 1805 to Str 1815</b>	14.7	7.41	27.2	27.1

**West and East edges of ROW are defined by looking from Southington Substation to Str # 1815**

Eversource also prepared calculations of electric fields from the transmission lines along the Rebuild section, which are summarized in Table E-2. The conductor heights are assumed to be the same as for the magnetic field calculations discussed above. The calculations show minimal increases and decreases in the edge of ROW electric fields after modifications of the two lines.

**Table E-2 –Summary of Electric Field Calculations for the Rebuild Section**

<b>Electric Field Calculation Summary (Field in kV/m)</b>				
<b>Section</b>	<b>West Edge of ROW</b>		<b>East Edge of ROW</b>	
	<b>Pre</b>	<b>Post</b>	<b>Pre</b>	<b>Post</b>
<b>Southington S/S to Str 1805</b>	0.07	0.17	1.52	1.51
<b>Str 1805 to Str 1815</b>	0.06	0.15	0.62	0.64

#### Reconductoring Section

EMF in the Reconductoring section would not substantially change as a result of the proposed modifications.

Magnetic field levels are expected to remain similar on both edges of the ROW to those produced by the existing transmission lines. During average annual load conditions, the magnetic field level is slightly reduced on both edges along the Reconductoring section.

Eversource has prepared calculations of the existing configuration and proposed configuration following the reconductoring. These calculations confirm that the proposed reconductoring on the 1810 circuit would slightly decrease the field strength as

compared to current conditions. Table E-3 summarizes the calculated magnetic fields at the ROW edges before and after the reconductoring on the 1810 Line.

**Table E-3 - Summary of Magnetic Field Calculations for the Reconductoring Section**

<b>Magnetic Field Calculation Summary (Average Annual Loads, field in mG)</b>				
<b>Section</b>	<b>South Edge of ROW</b>		<b>North Edge of ROW</b>	
	<b>Pre</b>	<b>Post</b>	<b>Pre</b>	<b>Post</b>
<b>Forestville Junction to Lake Ave Junction (Reconductor)</b>	6.96	6.91	1.83	1.81

**South and North edges of ROW are defined by looking from Forestville Junction to Lake Ave Junction**

Magnetic field levels are slightly reduced on both edges of the ROW along this section of the route compared to current conditions during annual average load conditions.

Eversource also prepared calculations of electric fields from the transmission lines along the Reconductoring section, as summarized in Table E-4. The conductor heights are assumed to be the same as for the magnetic field calculations discussed above. The calculations show minimal increases and decreases in the edge of ROW electric field levels after reconductoring of the 1810 Line.

**Table E-4 - Summary of Electric Field Calculations for the Reconductoring Section**

<b>Electric Field Calculation Summary (Field in kV/m)</b>				
<b>Section</b>	<b>South Edge of ROW</b>		<b>North Edge of ROW</b>	
	<b>Pre</b>	<b>Post</b>	<b>Pre</b>	<b>Post</b>
<b>Forestville Junction – Lake Ave Junction (Reconductoring)</b>	0.316	0.328	0.285	0.284

Electric field levels would increase slightly at the south edge of the ROW along this section of the route compared to the existing configuration. Electric fields at the north edge of the ROW would remain essentially unchanged.

The magnetic fields associated with the existing and new conditions on the ROW are graphically depicted in Figures 1 through 6 in Attachment C: Graphs of Calculated Pre- and Post-Reconductoring and Rebuild Electric and Magnetic Fields. Figures 1 to 3 represent the magnetic field levels across the entire width of the ROW and for approximately 100 to 200 feet beyond each edge of the ROW. Each graph includes one line for the “before” condition and another line for the “after” conditions. The “after” line is nearly on top of the “before” line because there is so little change in the levels represented. Figures 1 through 3 represent the “before” and “after” magnetic field levels.

The calculated “before” and “after” electric fields within the ROW and to approximately 100 to 200 feet beyond each edge of the ROW are illustrated in Figures 4 through 6.

The graphs in Figures 1 -6 demonstrate that there is no substantial change in the levels within and beyond the ROW.

## **7. Municipal and Property Owner Outreach**

In June 2015, Eversource consulted with the Town Manager of Southington and the Mayor of Bristol to brief them on the Project. The Town of Southington was informed of Eversource performing outreach to property owners in advance of this Petition filing. Eversource also provided representatives of the Towns of Southington and Bristol with written notice of the Petition filing. In addition, Eversource has informed the Town of Southington of the locations of the proposed staging areas.

Eversource performed additional outreach to property owners in the Rebuild section of the Project in Southington. Meetings with property owners commenced the week of August 17 and will continue throughout construction and restoration.

During each meeting with these property owners Eversource explained the scope of the work including vegetation removal, the location of access roads and work pads (where applicable) and, in some instances, the need to move or remove a shed or fence for construction access. Most property owners were understanding of the Project and appreciative of Eversource’s efforts to proactively communicate the scope of work. Eversource has made commitments with certain property owners to replant removed

vegetation with compatible species as part of the restoration efforts once construction is complete.

One of the Project commitments involves the Spring Lake Village condominium complex in Southington, which is along the Rebuild section of the Project. Construction would have an effect on some of the common areas for the complex. Project representatives have met with Spring Lake Village representatives on several occasions to discuss the scope of work, including vegetation removal, and the restoration steps Eversource is proposing at the completion of construction. The representatives of Spring Lake Village were shown a conceptual replanting plan prior to filing the Petition and Eversource expects to continue to work with the condominium residents to finalize the plan for replanting in the spring of 2017. In addition, Eversource has agreed modified work hours of 8:00 AM to 7:00 PM within Spring Lake Village as requested by Spring Lake Village's representatives. Notice of the Petition was sent to all individual condominium owners with units abutting the right-of-way as well as to the condominium association.

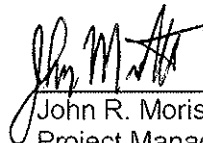
8. Section 16-50k(a) of the Connecticut General Statutes provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a "substantial adverse environmental effect." Eversource respectfully submits that, based on the above, the proposed modifications would not result in a substantial adverse effect on the environment or ecology, nor would they result in negative impacts to existing scenic, cultural, or recreational values. Accordingly, Eversource requests that the Council issue a declaratory ruling that the proposed modifications that are the subject of this Petition would have no substantial adverse environmental effect and, therefore, no Certificate is required.



9. Communications regarding this Petition for a Declaratory Ruling should be directed to:

Mr. John R. Morissette  
Project Manager - Transmission Siting - CT  
Eversource Energy  
PO Box 270  
Hartford, CT 06141-0270  
Telephone: (860) 728-4532

By:



John R. Morissette  
Project Manager – Transmission Siting - CT

Attachments:

Attachment A: Cross Section Diagrams of Existing and Proposed Conditions

Attachment B: 1810 Transmission Line Upgrade Aerial Maps with Abutters list

Attachment C: Graphs of Calculated Pre- and Post- Reconductoring and Rebuild Electric and  
Magnetic Fields

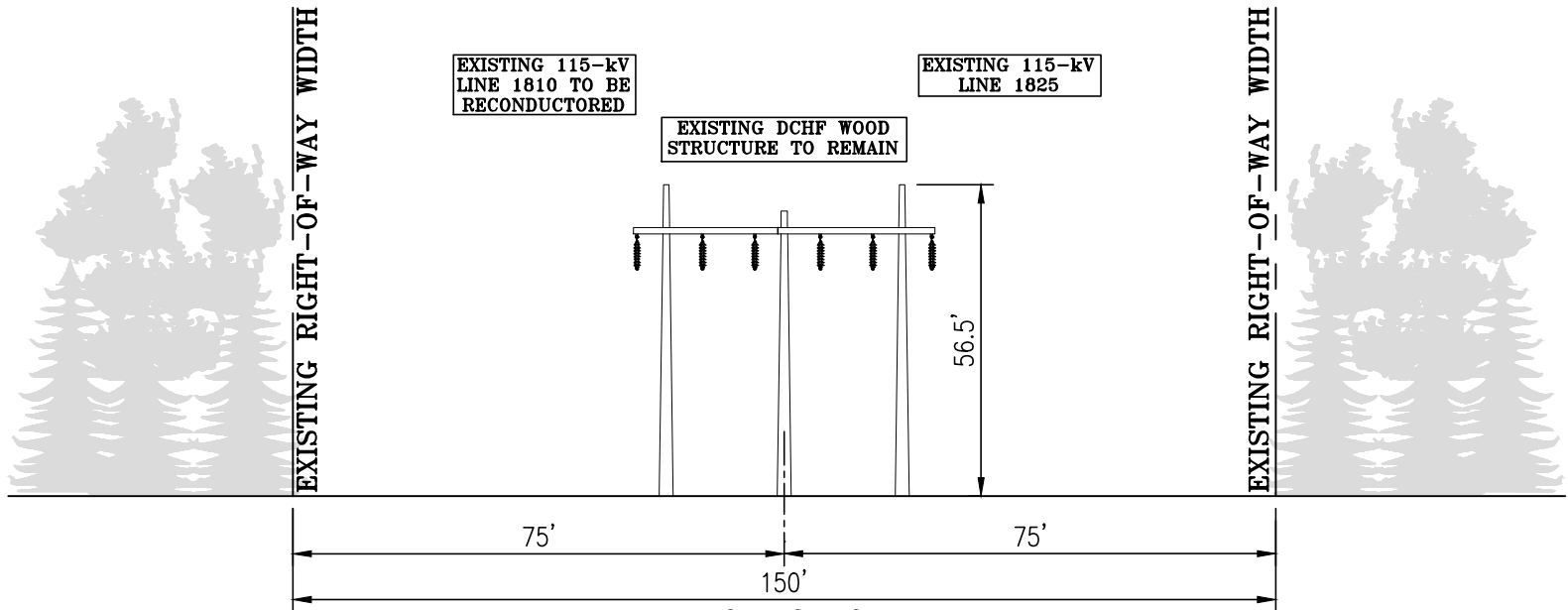
Attachment D: Letter to the Abutters, Abutters List and Affidavit



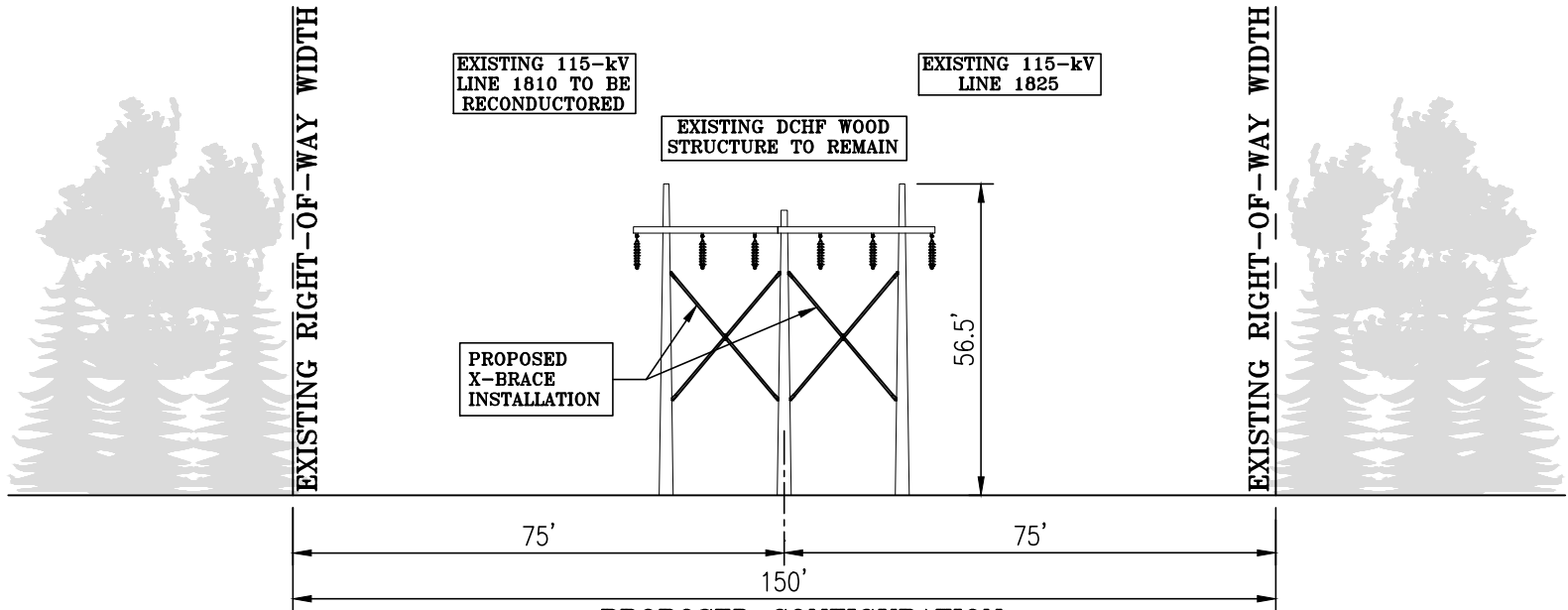
## ATTACHMENT A:

### Cross Section Diagrams of Existing and Proposed Conditions





**EXISTING R.O.W.**  
NO ADDITIONAL RIGHT-OF-WAY REQUIRED  
EXISTING CONFIGURATION  
DOUBLE CIRCUIT H-FRAME STRUCTURE  
FORESTVILLE JUNCTION  
TO 1.75 MILES NORTH OF LAKE AVE JUNCTION  
LOOKING WEST

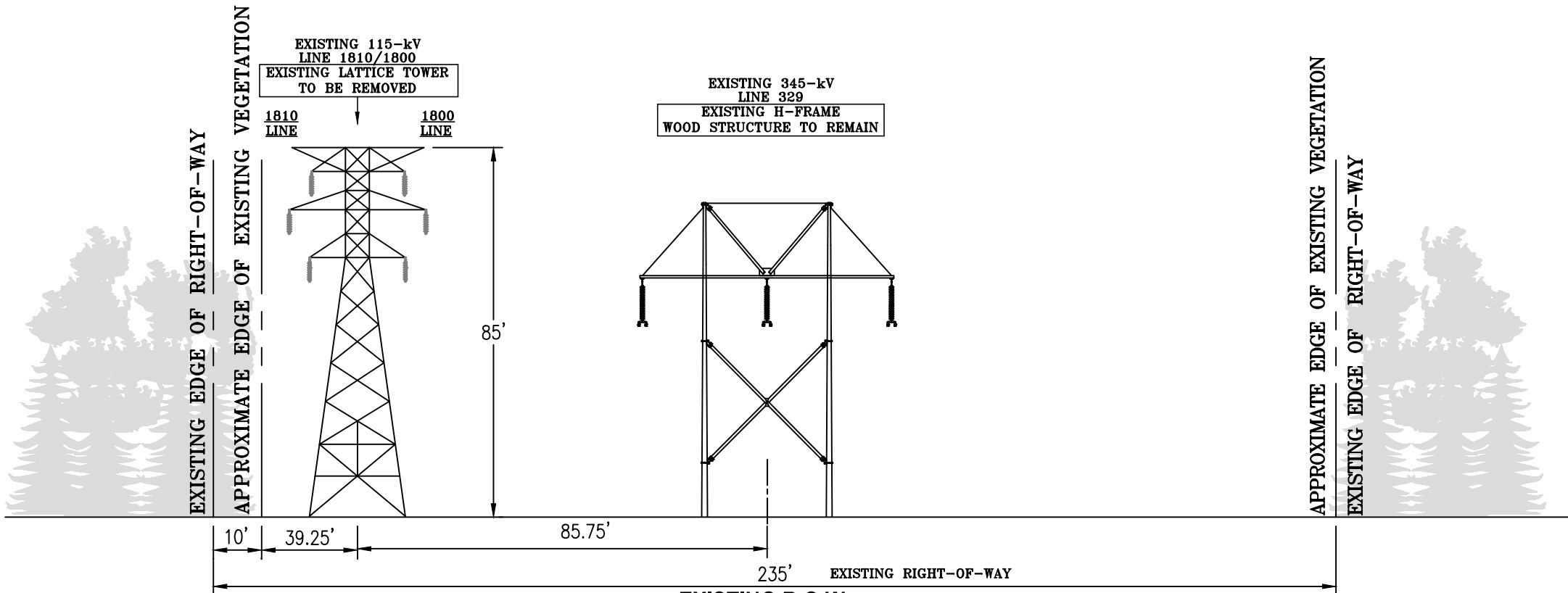


PROPOSED CONFIGURATION  
DOUBLE CIRCUIT H-FRAME STRUCTURE WITH X-BRACES  
FORESTVILLE JUNCTION  
TO 1.75 MILES NORTH OF LAKE AVE JUNCTION  
LOOKING WEST

**EVERSOURCE**  
ENERGY

TITLE1810 TRANSMISSION LINE UPGRADE PROJECT  
FORESTVILLE JCT. - LAKE AVE. JCT. RECONDUCTOR  
PROPOSED STRUCTURE MODIFICATIONS

BY	RRH	CHKD	EQ	APP	EQ	APP
DATE	10/5/15	DATE	10/5/15	DATE	10/5/15	DATE
H-SCALE	1"=30'	SIZE	B	FIELD BOOK & PAGES		
V-SCALE	1"=30'	V.S.		R.E. DWG		
R.E. PROJ. NUMBER				DWG NO.		XS-1



**EXISTING R.O.W.**

NO ADDITIONAL RIGHT-OF-WAY REQUIRED

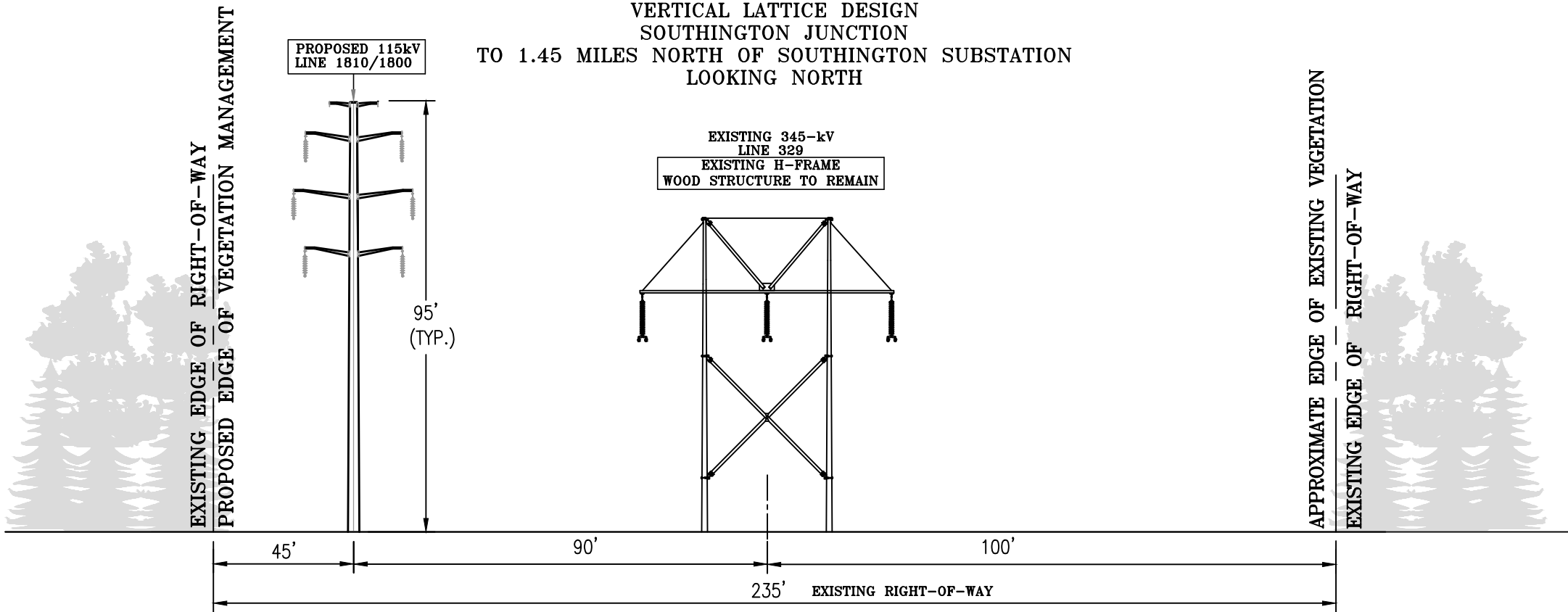
EXISTING CONFIGURATION

VERTICAL LATTICE DESIGN

SOUTHINGTON JUNCTION

TO 1.45 MILES NORTH OF SOUTHINGTON SUBSTATION

LOOKING NORTH



PROPOSED CONFIGURATION  
DOUBLE CIRCUIT VERTICAL DESIGN

SOUTHINGTON JUNCTION

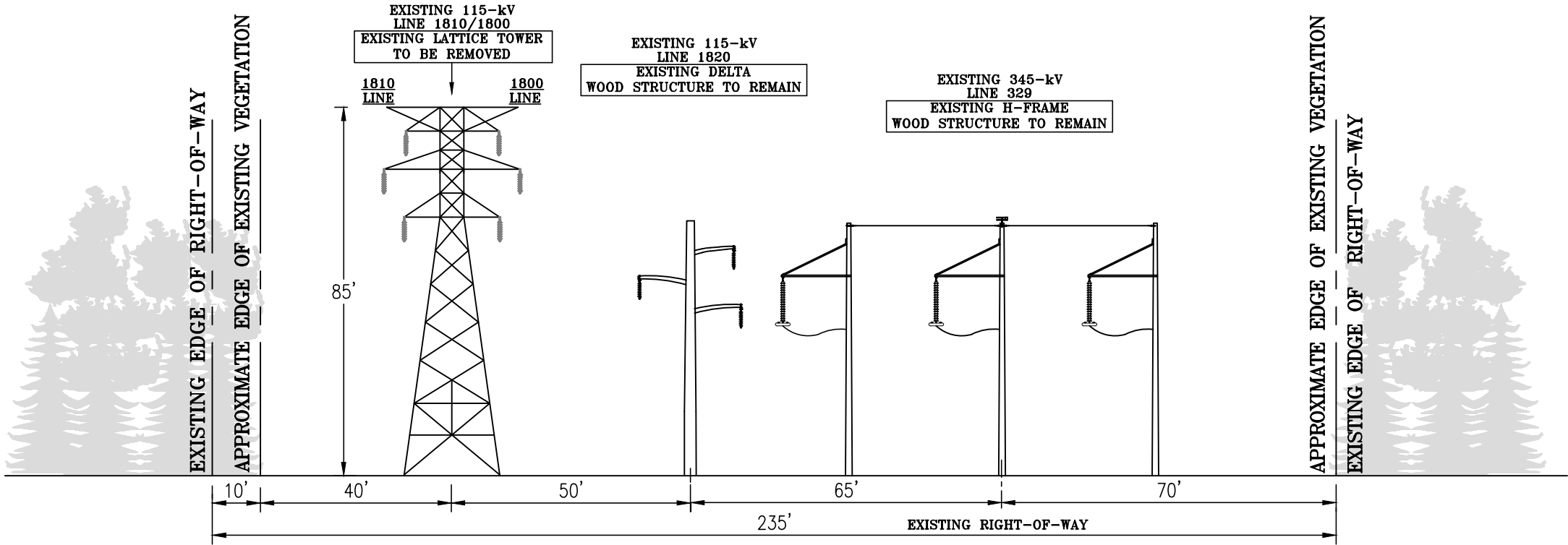
TO 1.45 MILES NORTH OF SOUTHINGTON SUBSTATION

LOOKING NORTH

**EVERSOURCE**  
ENERGY

TITLE 1810 TRANSMISSION LINE UPGRADE PROJECT  
SOUTHINGTON S/S-SOUTHINTON JCT.  
PROPOSED CROSS SECTION  
SOUTHINGTON, CT

BY	MLG/RRH	CHKD	EQ	APP	EQ	APP
DATE	10/5/15	DATE	10/5/15	DATE	10/5/15	DATE
H-SCALE	1"=30'	SIZE	B	FIELD BOOK & PAGES		
V-SCALE	1"=30'	V.S.		R.E. DWG		
R.E. PROJ. NUMBER				DWG NO.		

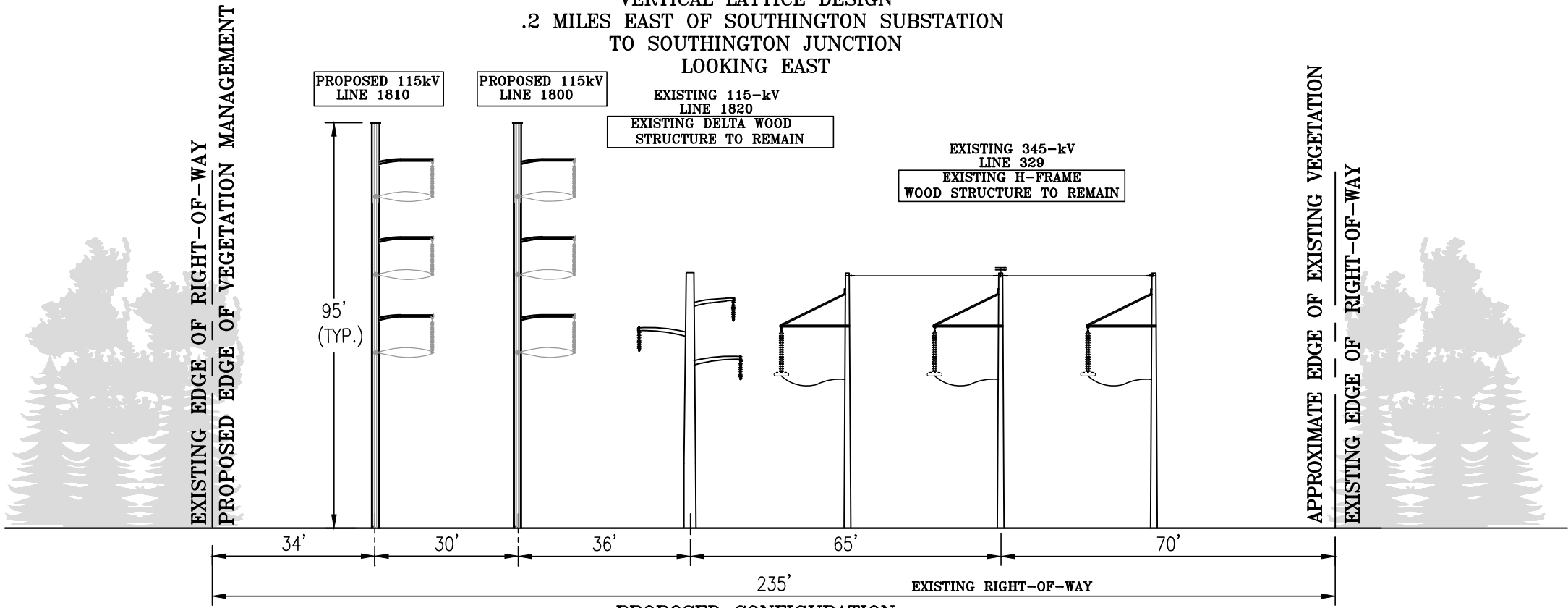


**EXISTING R.O.W.**

NO ADDITIONAL RIGHT-OF-WAY REQUIRED

**EXISTING CONFIGURATION**  
**VERTICAL LATTICE DESIGN**

**.2 MILES EAST OF SOUTHINGTON SUBSTATION  
TO SOUTHINGTON JUNCTION  
LOOKING EAST**



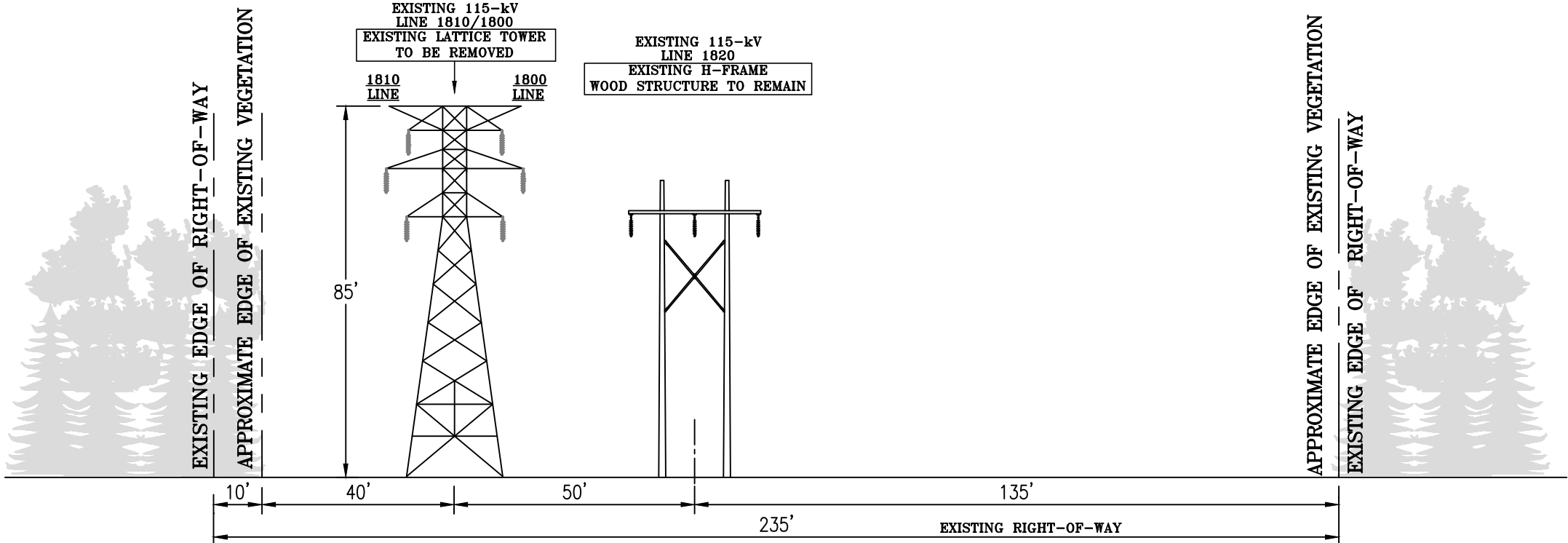
**PROPOSED CONFIGURATION**  
**VERTICAL DEADEND DESIGN**

**.2 MILES EAST OF SOUTHINGTON SUBSTATION  
TO SOUTHINGTON JUNCTION  
LOOKING EAST**

**EVERSOURCE**  
**ENERGY**

**TITLE** 1810 TRANSMISSION LINE UPGRADE PROJECT  
SOUTHINGTON S/S-SOUTHINTON JCT.  
PROPOSED CROSS SECTION  
SOUTHINGTON, CT

BY	MLG/RRH	CHKD	EQ	APP	EQ	APP
DATE	10/5/15	DATE	10/5/15	DATE	10/5/15	DATE
H-SCALE	1"=30'	SIZE	B	FIELD BOOK & PAGES		
V-SCALE	1"=30'	V.S.		R.E. DWG		
R.E. PROJ. NUMBER				DWG NO.		XS-3



**EXISTING R.O.W.**

NO ADDITIONAL RIGHT-OF-WAY REQUIRED

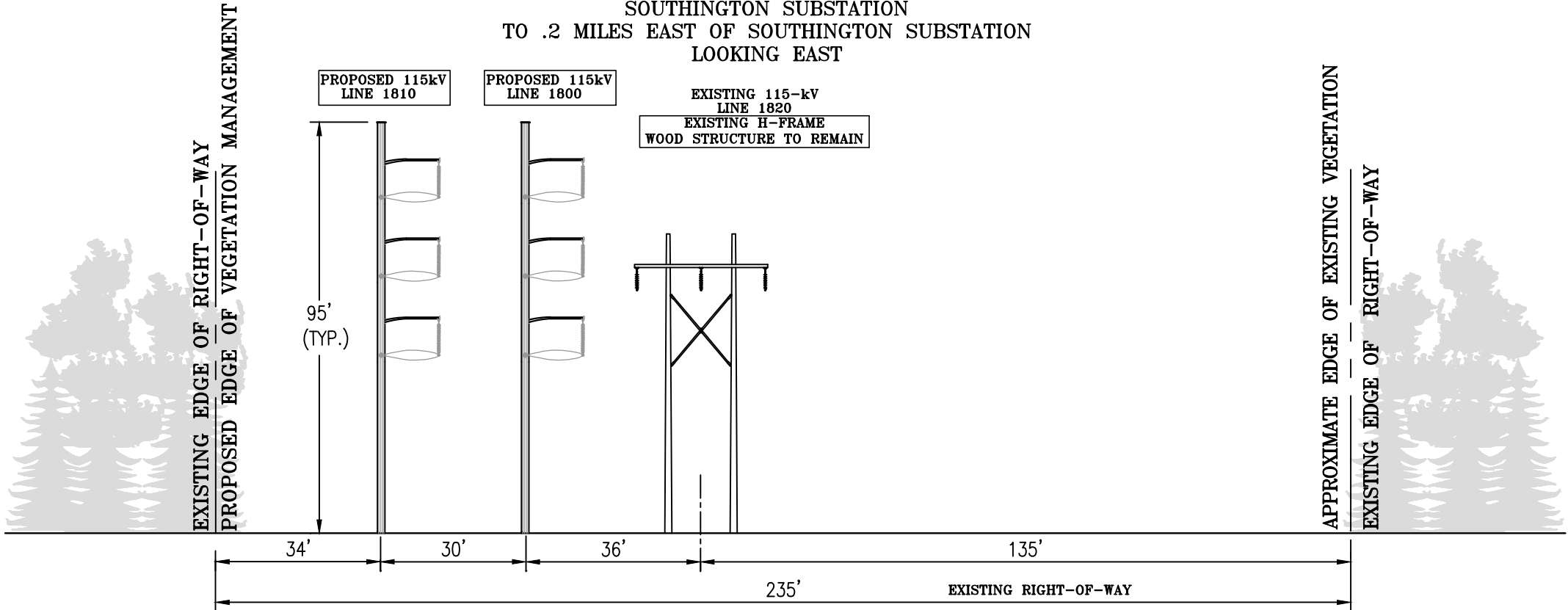
EXISTING CONFIGURATION

VERTICAL LATTICE DESIGN

SOUTHINGTON SUBSTATION

TO .2 MILES EAST OF SOUTHINGTON SUBSTATION

LOOKING EAST



PROPOSED CONFIGURATION

VERTICAL DEADEND DESIGN

SOUTHINGTON SUBSTATION

TO .2 MILES EAST OF SOUTHINGTON SUBSTATION

LOOKING EAST

**EVERSOURCE**  
ENERGY

TITLE 1810 TRANSMISSION LINE UPGRADE PROJECT  
SOUTHINGTON S/S-SOUTHINTON JCT.  
PROPOSED CROSS SECTION  
SOUTHINGTON, CT

BY	MLG/RRH	CHKD	EQ	APP	EQ	APP
DATE	10/5/15	DATE	10/5/15	DATE	10/5/15	DATE
H-SCALE	1"=30'	SIZE	B	FIELD BOOK & PAGES		
V-SCALE	1"=30'	V.S.		R.E. DWG		
R.E. PROJ. NUMBER				DWG NO. XS-4		



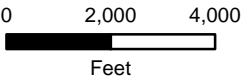
## ATTACHMENT B:

1810 Transmission Line Upgrade Aerial  
Maps with Abutters list





INDEX SHEET



Legend

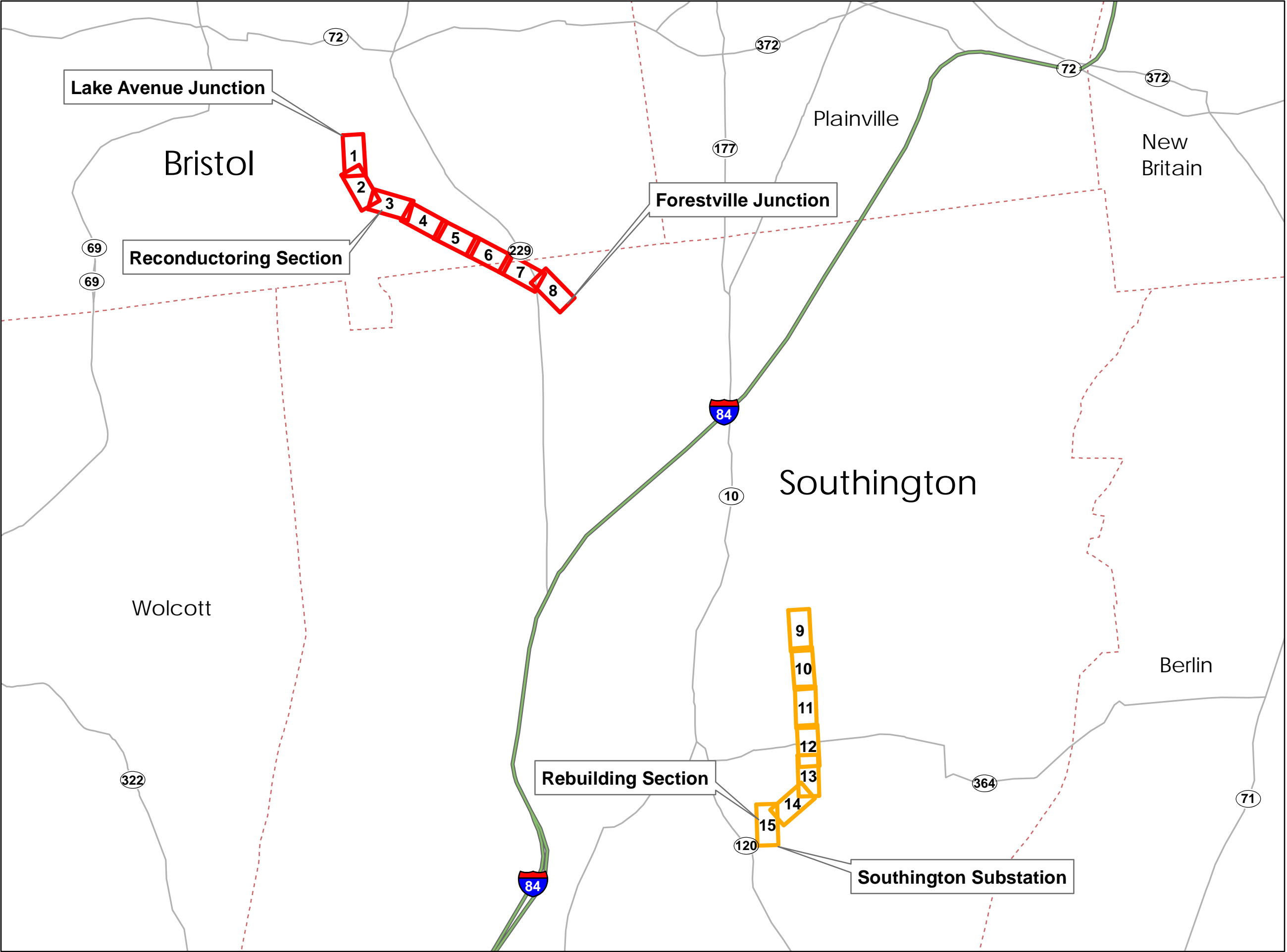
- Interstate
- US Route
- State Route
- Connector
- Rebuilding Section
- Reconductoring Section

Map Sources: Connecticut Department  
of Energy and Environmental Protection  
(CT DEEP); Eversource Energy.

www.FandO.com



78 INTERSTATE DRIVE WEST SPRINGFIELD, MA 01089 413.452.0445



Line List Number	Owner Name	Site Address
354	CITY OF BRISTOL WATER DEPTMENT	125 LAKESIDE DRIVE, BRISTOL, CT
355	WALTER S & FRED W LISHMAN CO-TRUSTEES	EMERSON ROAD, BRISTOL, CT
357	PONTIFICAL INSTITUTE OF THE RELIGIOUS TEACHERS FILIPPINI, THE ST LUCY PROVENCE	474 EAST ROAD, BRISTOL, CT
361	SOUTH MOUNTAIN TOWNHOUSE AUDENT PROPERTY MANAGEMENT C/O MARK EDWARD NASH	LAKESIDE DRIVE, BRISTOL, CT
365	ALFRED RADKE III	87 MAURICE STREET, BRISTOL, CT
366	BRUCE F LALIBERTE & NANCY L SURV	107 SUNNYDALE AVENUE
367	JAMES X TERRY & CYNTHIA L JNT TENANTS	115 SUNNYDALE AVENUE, BRISTOL, CT

Area Description

Adjacent Land Use

- Residential
- Undeveloped, forestland
- Two potential vernal pools outside of project area and ROW  
Approximately 350' and 500' , respectively from structure 1860

Road Crossings

Right-of-Way Description

- No road crossings

Right-of-Way Land Use

- Maintained transmission corridor

Wetlands, Watercourses, and Waterbodies

- Wetlands: W\_01, W\_02
- Wetland Cover Type: PUB, PEM

Wetland and Watercourse Crossing

- W\_02 - construction mats for access

Vegetation on Transmission Corridor

- Scrub-shrub

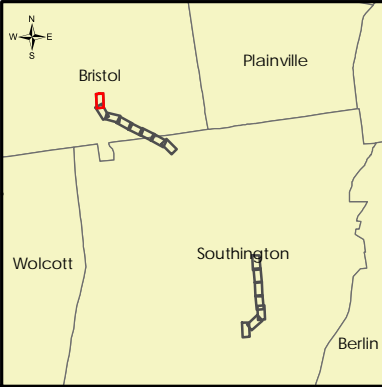
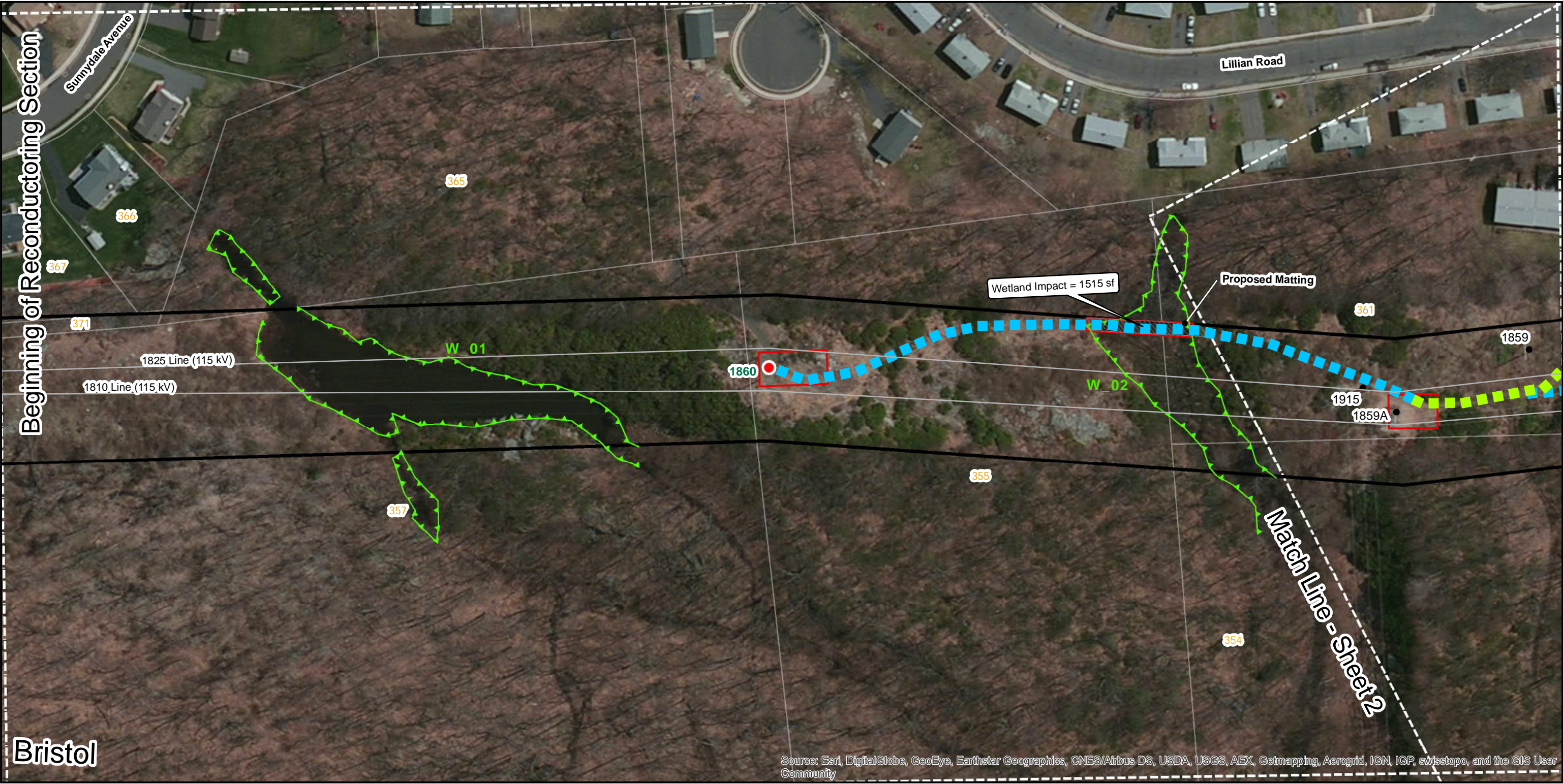
Access

- Structures 1859, 1859A: Existing ROW access road off Lakeside Dr.
- 1860 Existing and proposed access road off Lakeshore Drive

Right-of-Way Width

- Utility ROW is approximately 150 feet





Legend

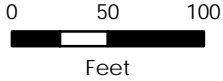
- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary

- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road

- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

Map Labels

- 100 Line List ID
- W\_00 Wetland ID



**EVERSOURCE**  
ENERGY



**FUSS & O'NEILL**  
78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 1



Line List Number	Owner Name	Site Address	Site Town	State
354	CITY OF BRISTOL WATER DEPTMENT	125 LAKESIDE DRIVE	BRISTOL	CT
361	SOUTH MOUNTAIN TOWNHOUSE AUDENT PROPERTY MANAGEMENT C/O MARK EDWARD NASH	LAKESIDE DRIVE	BRISTOL	CT

**Area Description**

*Adjacent Land Use*

- Multi-family residential
- Undeveloped, forestland

*Road Crossings*

- Lakeside Drive cul-de-sac

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Residential parking

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_03
- Wetland Cover Type: PEM, PSS

*Wetland and Watercourse Crossing*

- W\_03 - construction mats for access and work pad

*Vegetation on Transmission Corridor*

- Scrub-shrub

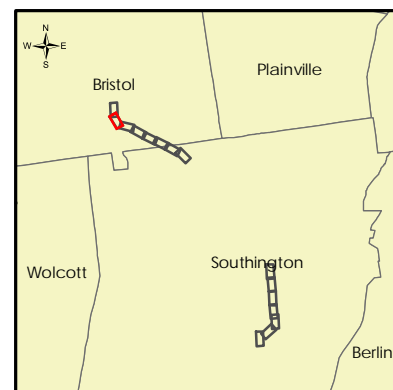
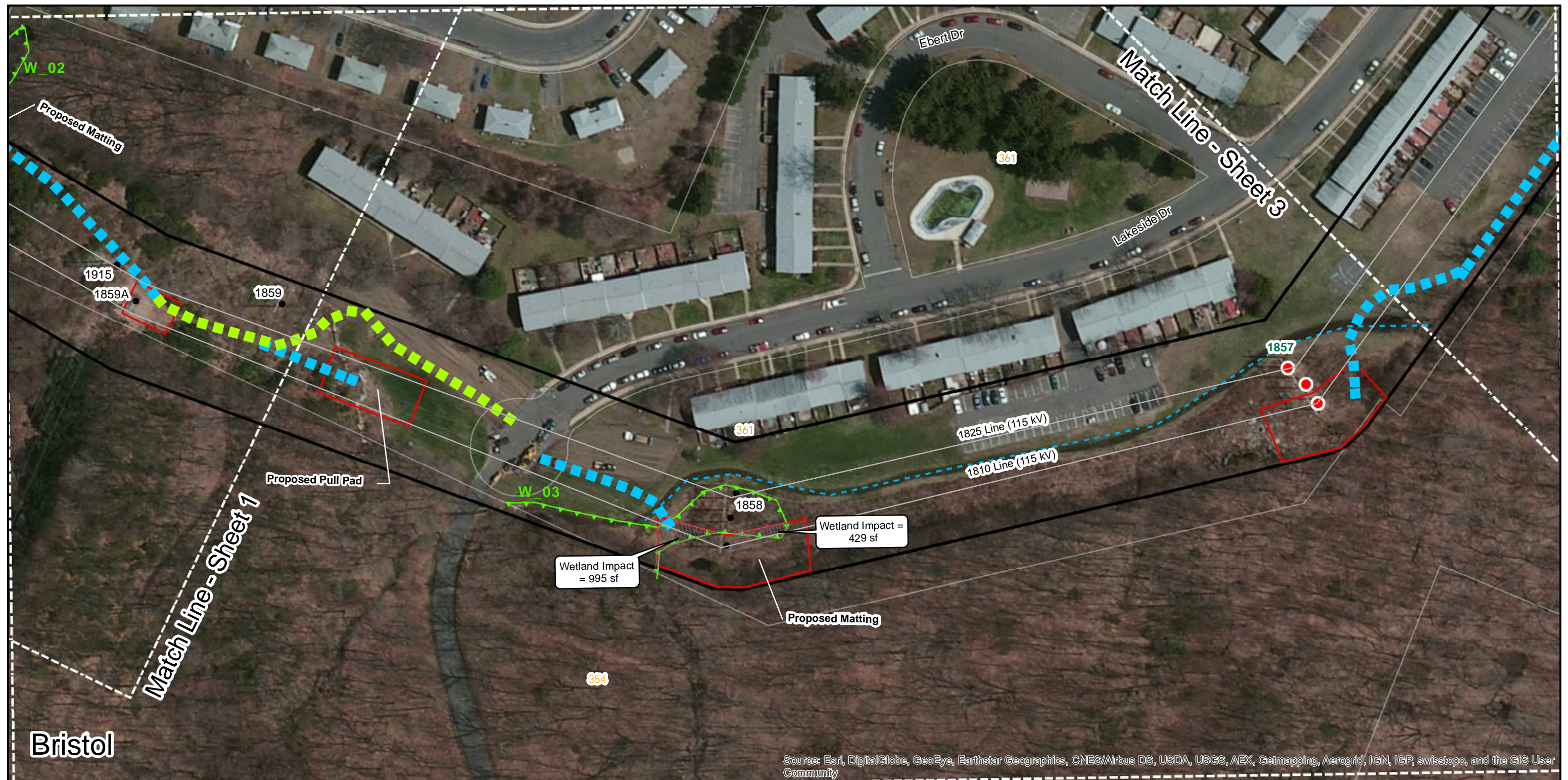
*Access*

- Structure 1857: Proposed ROW access road off Lake Avenue
- Structure 1858: Proposed ROW access road off Lakeside Dr.
- Structures 1859 and 1859A: Existing ROW access road off Lakeside Dr.

*Right-of-Way Width*

- Utility ROW is approximately 150 feet





Legend			
● Structures to be Modified	□ Proposed Work Pad/Pull Pad	■ Proposed Access Road	
● Proposed Structure	□ Proposed Staging Area	■ Proposed Alternate Access Road	
● Existing Structure	--- Eversource Property Boundary	□ Parcel Boundary	
● Structures to be Removed	— Approximate Utility Rights of Way	--- Swale	
— Transmission Line	■ Existing Access Road	— 100-yr Floodplain	
— Wetland Boundary		□ Town Line Boundary	

Map Labels

100 Line List ID

W\_00 Wetland ID

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1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 2



Line List Number	Owner Name	Site Address	Site Town	State
334	ZWO ENTERPRISES LLC	70 HALCYON DRIVE	BRISTOL	CT
336	IDEX HEALTH & SCIENCE LLC	CROSS STREET	BRISTOL	CT
337	WEED REALTY LLC	30 CROSS STREET	BRISTOL	CT
349	MDI PROPERTIES LLC	231 CENTURY DRIVE	BRISTOL	CT
350	MDI PROPERTIES LLC	231 CENTURY DRIVE	BRISTOL	CT
351	THE CONNECTICUT LIGHT & POWER COMPANY	LAKE AVENUE	BRISTOL	CT
352	FRUIT FARM LLC	435 LAKE AVENUE	BRISTOL	CT
361	SOUTH MOUNTAIN TOWNHOUSE AUDENT PROPERTY MANAGEMENT C/O MARK EDWARD NASH	LAKESIDE DRIVE	BRISTOL	CT

**Area Description**

*Adjacent Land Use*

- Multi-family residential
- Commercial
- Undeveloped forestland, old field

*Road Crossings*

- Lake Avenue
- Cross Street

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Developmental encroachment

*Wetlands, Watercourses, and Waterbodies*

- None

*Wetland and Watercourse Crossing*

- None

*Vegetation on Transmission Corridor*

- Scrub-shrub
- Lawn

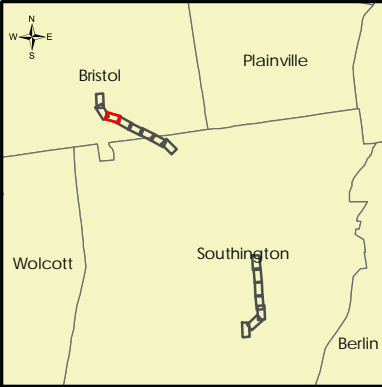
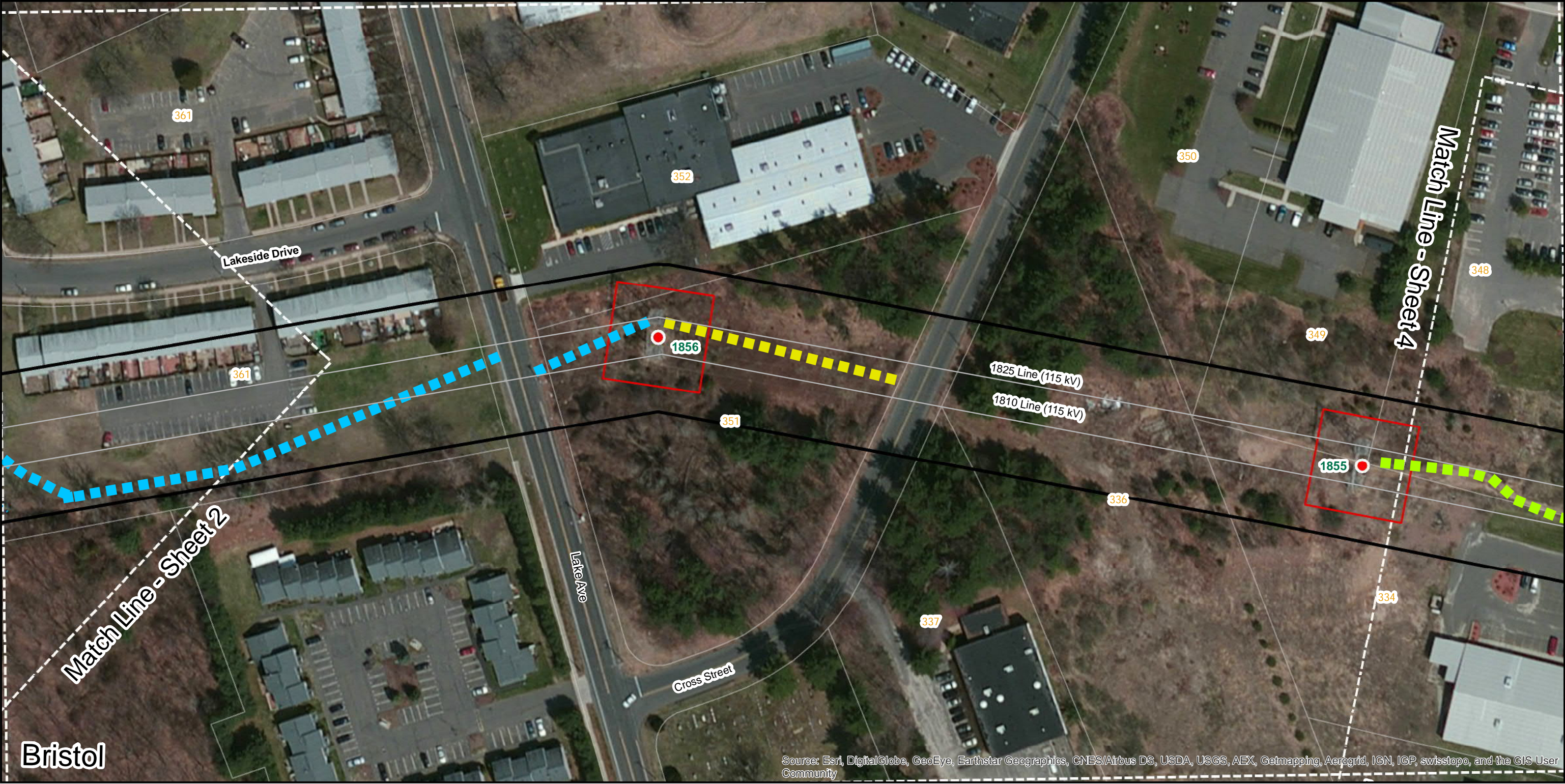
*Access*

- Structure 1855: Existing ROW access road off Halycon Drive
- Structure 1856: Proposed ROW access road off Lake Avenue

*Right-of-Way Width*

- Utility ROW is approximately 150 feet





**Legend**

● Structures to be Modified	□ Proposed Work Pad/Pull Pad	■ Proposed Access Road
● Proposed Structure	□ Proposed Staging Area	■ Proposed Alternate Access Road
● Existing Structure	--- Eversource Property Boundary	□ Parcel Boundary
● Structures to be Removed	— Approximate Utility Rights of Way	--- Swale
— Transmission Line	■ Existing Access Road	— 100-yr Floodplain
— Wetland Boundary		--- Town Line Boundary

**Map Labels**

100	Line List ID
W_00	Wetland ID

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78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

**1810 TRANSMISSION  
LINE UPGRADE PROJECT**

EVERSOURCE ENERGY

LINE 1810

Sheet 3



Line List Number	Owner Name	Site Address	Site Town	State
333	RFD REALTY LLC C/O DONALD DUPONT	76 HALCYON DRIVE	BRISTOL	CT
334	ZWO ENTERPRISES LLC	70 HALCYON DRIVE	BRISTOL	CT
343	YARDE REALTY CO	71 HORIZON DRIVE	BRISTOL	CT
344	ROSEMAR REALTY LLC	60 CRYSTAL POND PLACE	BRISTOL	CT
346	CITY OF BRISTOL	HORIZON DRIVE	BRISTOL	CT
347	175 CENTURY DRIVE LLC	175 CENTURY DRIVE	BRISTOL	CT
348	RAYAL LLC C/O CLASSIC COIL CO	205 CENTURY DRIVE	BRISTOL	CT

**Area Description**

*Adjacent Land Use*

- Industrial
- Undeveloped, open water, forestland, floodplain

*Road Crossings*

- Halycon Drive

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Floodplain

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_04
- Wetland Cover Type: PUB, PUS

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub

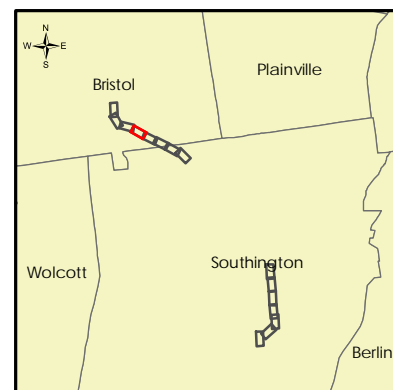
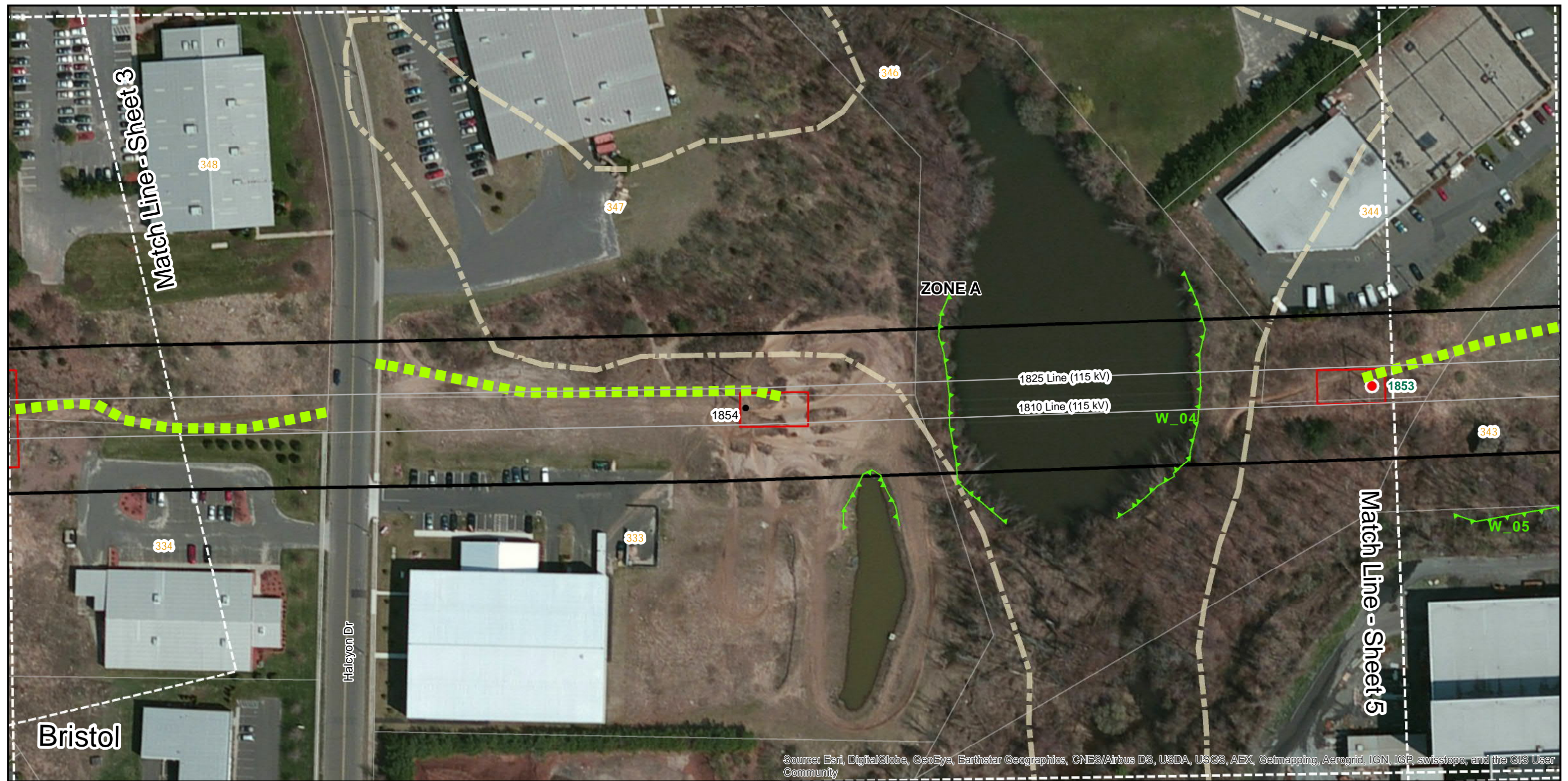
*Access*

- Structure 1853: Existing ROW access road off Horizon Drive (parking lot behind warehouse)
- Structure 1854: Existing ROW access road off Halycon Drive

*Right-of-Way Width*

- Utility ROW is approximately 150 feet





**Legend**

- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary
- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road
- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

**Map Labels**

- 100 Line List ID
- W\_00 Wetland ID

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**1810 TRANSMISSION  
LINE UPGRADE PROJECT**

EVERSOURCE ENERGY

LINE 1810

Sheet 4



Line List Number	Owner Name	Site Address	Site Town	State
330	CITY OF BRISTOL	LAKE AVENUE	BRISTOL	CT
331	COVANTA BRISTOL INC	170 ENTERPRISE DRIVE	BRISTOL	CT
338	JHJ LLC	156 ENTERPRISE DRIVE	BRISTOL	CT
339	R V ENTERPRISES LLC	136 ENTERPRISE DRIVE	BRISTOL	CT
341	YARDE REALTY CO	ENTERPRISE DRIVE	BRISTOL	CT
343	YARDE REALTY CO	71 HORIZON DRIVE	BRISTOL	CT
344	ROSEMAR REALTY LLC	60 CRYSTAL POND PLACE	BRISTOL	CT

**Area Description**

*Adjacent Land Use*

- Industrial
- Undeveloped, old field
- Floodplain

*Road Crossings*

- No road crossings

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Floodplain

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_05
- Wetland Cover Type : PSS, PEM

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub

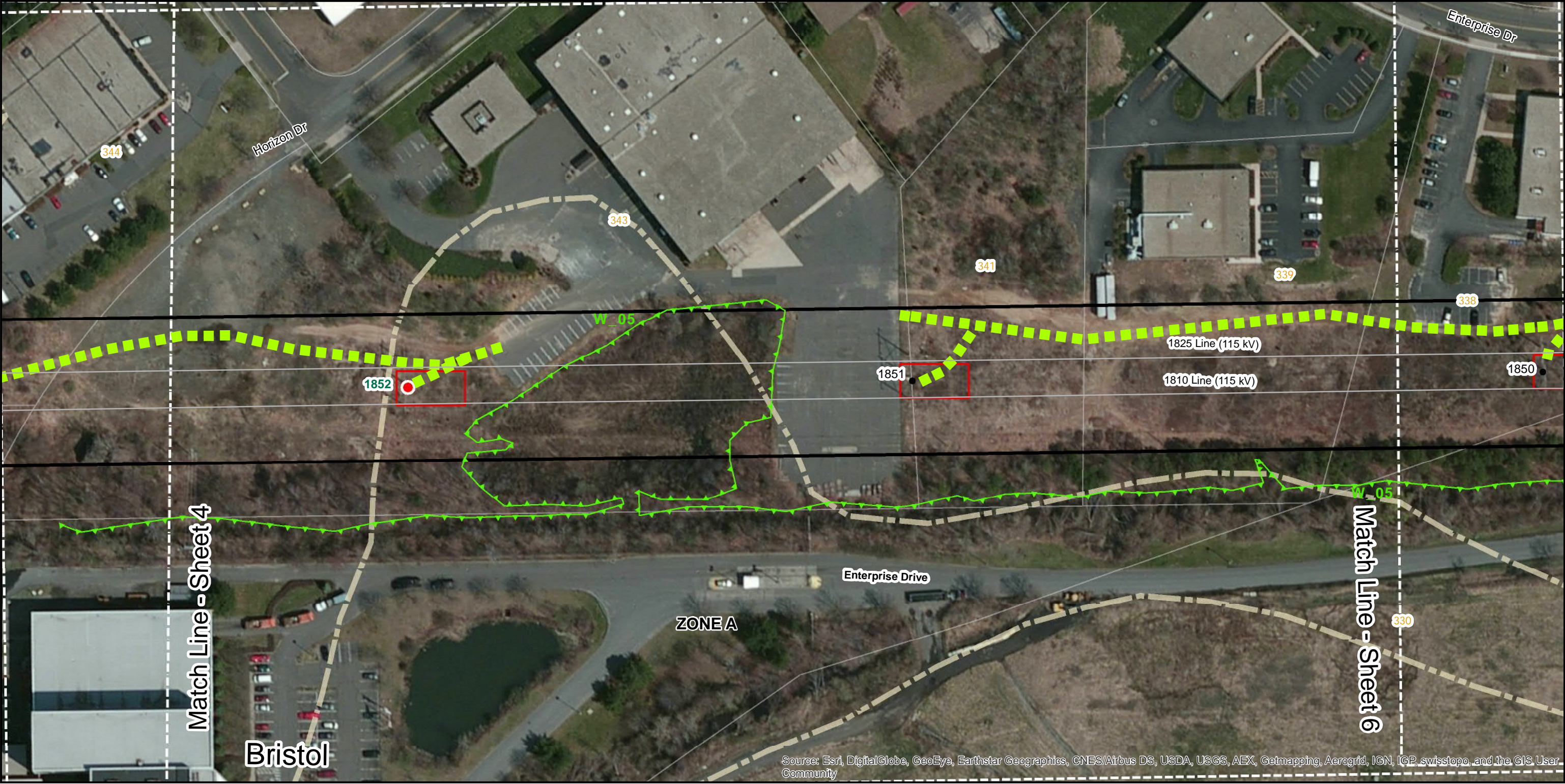
*Access*

- Structures 1850, 1851: Existing ROW access road off Mt Vernon Road
- Structure 1852: Existing ROW access road off Horizon Drive (parking lot behind warehouse)

*Right-of-Way Width*

- Utility ROW is approximately 150 feet





Legend			
● Structures to be Modified	□ Proposed Work Pad/Pull Pad	□ Proposed Access Road	
● Proposed Structure	□ Proposed Staging Area	□ Proposed Alternate Access Road	
● Existing Structure	— Eversource Property Boundary	□ Parcel Boundary	
● Structures to be Removed	— Approximate Utility Rights of Way	— Swale	
— Transmission Line	■ Existing Access Road	— 100-yr Floodplain	
— Wetland Boundary		□ Town Line Boundary	

Map Labels

100 Line List ID  
W\_00 Wetland ID



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1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 5



Line List Number	Owner Name	Site Address	Site Town	State
323	BRISTOLVEST LLC C/O JOHN WORTCHECK	WEST STREET REAR	SOUTHINGTON	CT
324	VICTOR J BASILE	2156 WEST STREET	SOUTHINGTON	CT
327	PHYLLIS FALK & ERIC CO-TRUSTEES OF THE PHYLLIS FALK 2009 6TH AM & RE REV TRUST	916 MIDDLE STREET	BRISTOL	CT
328	BRISTOLVEST LLC	MIDDLE STREET	BRISTOL	CT
329	BRISTOLVEST LLC & ENTERPRISE 229 DEV CORP	894 MIDDLE STREET	BRISTOL	CT
330	CITY OF BRISTOL	LAKE AVENUE	BRISTOL	CT
338	JHJ LLC	156 ENTERPRISE DRIVE	BRISTOL	CT
339	R V ENTERPRISES LLC	136 ENTERPRISE DRIVE	BRISTOL	CT

**Area Description**

*Adjacent Land Use*

- Undeveloped, forestland
- Industrial
- Landfill
- Floodplain

*Road Crossings*

- Mt Vernon Road

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Floodplain

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_05, W\_06, W\_07, W\_08
- Wetland Cover Type: PSS, PUB, PFO
- Intermittent watercourses (associated with W\_06)

*Wetland and Watercourse Crossing*

- None

*Vegetation on Transmission Corridor*

- Scrub-Shrub

*Access*

- Structure 1849: Existing ROW access road off West Street
- Structure 1850: Existing ROW access road off Mt Vernon Road

*Right-of-Way Width*

- Utility ROW is approximately 150 feet





**Legend**

- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary
- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road
- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

**Map Labels**

- 100 Line List ID
- W\_00 Wetland ID

**EVERSOURCE**  
ENERGY

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78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 6



Line List Number	Owner Name	Site Address	Site Town	State
308	DAVID A DELLAVECCHIA	2091 WEST STREET	SOUTHINGTON	CT
317	NUMBER NOT - USED PER ASSESSOR OFFICE PARCEL MERGED WITH 202-006	WEST STREET	SOUTHINGTON	CT
317.01	PRAYER HOUSE OF ALL GRACES AND TWO HEART	2095 WEST STREET	SOUTHINGTON	CT
320	LEAVITT REAL ESTATE HOLDING LLC	2070 WEST STREET	SOUTHINGTON	CT
323	BRISTOLVEST LLC C/O JOHN WORTCHECK	WEST STREET REAR	SOUTHINGTON	CT
324	VICTOR J BASILE	2156 WEST STREET	SOUTHINGTON	CT
327	PHYLLIS FALK & ERIC CO-TRUSTEES OF THE PHYLLIS FALK 2009 6TH AM & RE REV TRUST	916 MIDDLE STREET	BRISTOL	CT

Area Description

Adjacent Land Use

- Industrial
- Residential
- Undeveloped, forestland, open water, old field

Road Crossings

- West Street

Right-of-Way Description

Right-of-Way Land Use

- Maintained transmission corridor

Wetlands, Watercourses, and Waterbodies

- Wetlands: W\_07, W\_08, W\_09
- Wetland Cover Type: PSS, PFO

Wetland and Watercourse Crossing

- None

Vegetation on Transmission Corridor

- Scrub-Shrub
- Lawn

Access

- Structure 1846: Existing ROW access road off Westwood Drive
- Structures 1847, 1848: Existing ROW access road off West Street

Right-of-Way Width

- Utility ROW is approximately 150 feet







Line List Number	Owner Name	Site Address	Site Town	State
300	RIDGEVIEW VILLAGE LLC	1385 WEST STREET	SOUTHINGTON	CT
304	ANNA B MULLINS	WEST STREET	SOUTHINGTON	CT
305	DOMINIC & LORRAINE T MAGISANO	124 WESTWOOD ROAD	SOUTHINGTON	CT
306	TOWN OF SOUTHINGTON	WESTWOOD ROAD	SOUTHINGTON	CT
308	DAVID A DELLAVECCHIA	2091 WEST STREET	SOUTHINGTON	CT
311	SCOT R & KRISTINE L PARSONS	179 WESTWOOD ROAD	SOUTHINGTON	CT
313	NUMBER NOT - USED PER ASSESSOR OFFICE PARCEL MERGED WITH 202-006	TOWN LINE ROAD	SOUTHINGTON	CT
314	NUMBER NOT - USED PER ASSESSOR OFFICE PARCEL MERGED WITH 202-006	TOWN LINE ROAD	SOUTHINGTON	CT
317	NUMBER NOT - USED PER ASSESSOR OFFICE PARCEL MERGED WITH 202-006	WEST STREET	SOUTHINGTON	CT
317.01	PRAYER HOUSE OF ALL GRACES AND TWO HEART	2095 WEST STREET	SOUTHINGTON	CT

Area Description

Adjacent Land Use

- Multi-family residential
- Undeveloped, forestland

Road Crossings

- West Street
- Westwood Drive

Right-of-Way Description

Right-of-Way Land Use

- Maintained transmission corridor

Wetlands, Watercourses, and Waterbodies

- Wetlands: W\_10, W\_11
- Wetland Cover Type: PSS

Wetland and Watercourse Crossing

None

Vegetation on Transmission Corridor

- Scrub Shrub
- Lawn

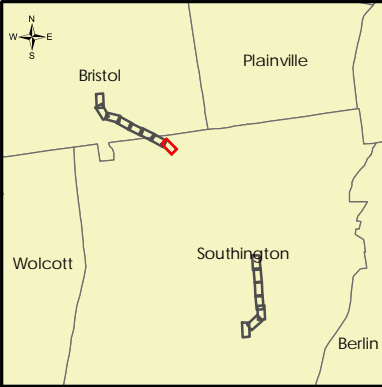
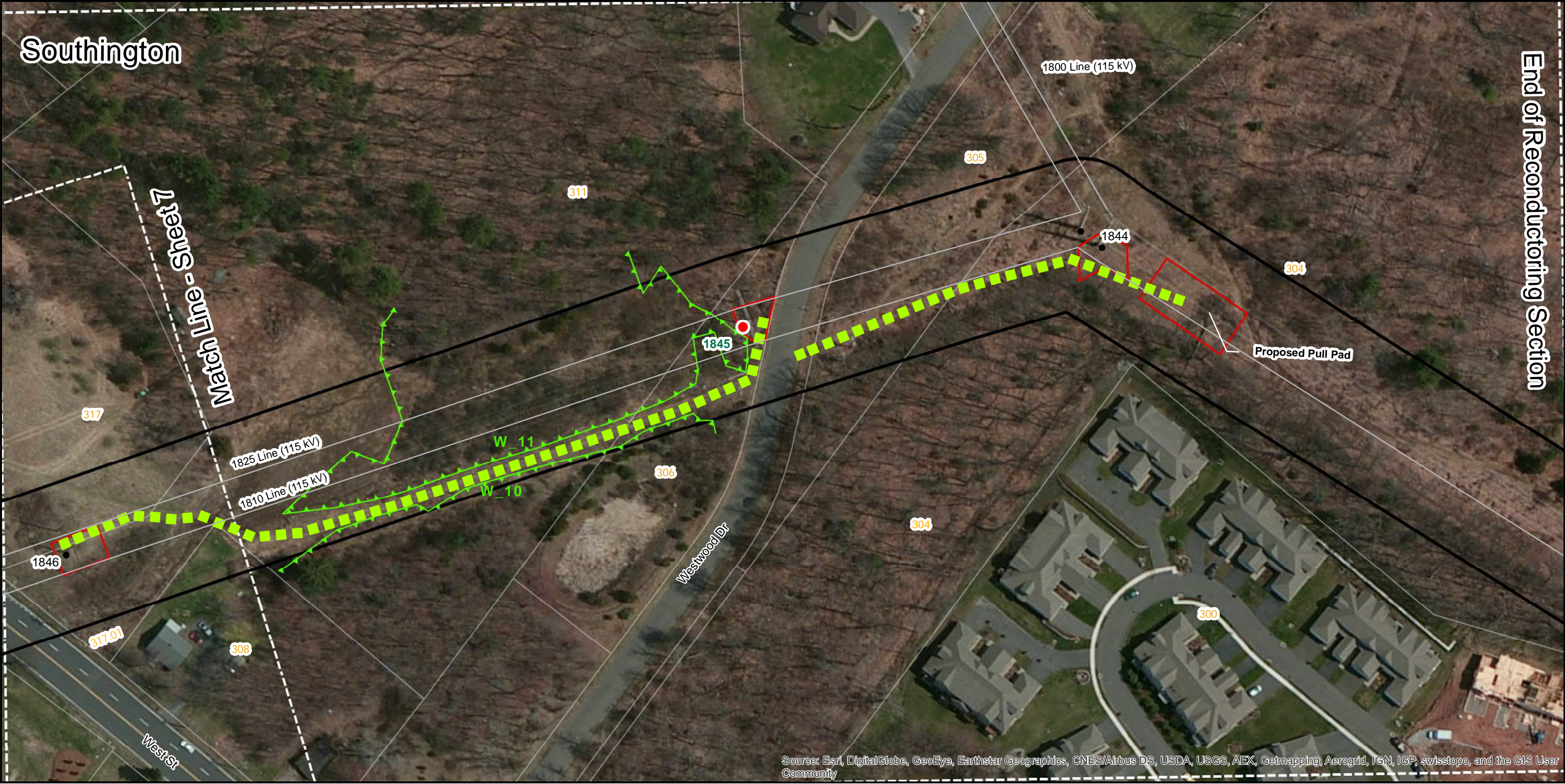
Access

- Structure 1844: Existing ROW access road off Westwood Drive
- Structures 1845, 1846: Existing ROW access road off Westwood Drive

Right-of-Way Width

- Utility ROW is approximately 150 feet





**Legend**

- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary
- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road
- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

**Map Labels**

- 100 Line List ID
- W\_00 Wetland ID

**EVERSOURCE ENERGY**

**FUSS & O'NEILL**

78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089



Line List Number	Owner Name	Site Address	Site Town	State
183	BARBARA ANN & JOHN FRANCIS HAYES	370 WOODRUFF STREET	SOUTHINGTON	CT
191	PAUL T & LINDA J LUNDIE	65 REUSSNER ROAD	SOUTHINGTON	CT
192	ALICE M OHALA	75 REUSSNER ROAD	SOUTHINGTON	CT
193	JANE S CADDICK	85 REUSSNER ROAD	SOUTHINGTON	CT
194	WALTER W & CAROLYN R OLSON	95 REUSSNER ROAD	SOUTHINGTON	CT
195	ELTON LIKAXHIU	105 REUSSNER ROAD	SOUTHINGTON	CT
196	MONICA GEARY	115 REUSSNER ROAD	SOUTHINGTON	CT
199	BARBARA E HARTFORD	61 DOGWOOD DRIVE	SOUTHINGTON	CT
200	HARRY G & PAMELA H KASTNER	55 DOGWOOD DRIVE	SOUTHINGTON	CT
201	MICHAEL H CLARK	49 DOGWOOD DRIVE	SOUTHINGTON	CT
201.01	HOWARD AND MARY GRISWOLD	41 DOGWOOD DRIVE	SOUTHINGTON	CT
202	THE CONNECTICUT LIGHT & POWER COMPANY	HOBART STREET	SOUTHINGTON	CT
203	FREDERICK W & BONNIE G LASKY	437 HOBART STREET	SOUTHINGTON	CT
204	SARAH H MITORAJ & CHRIS WEIMANN	165 OLD FARM ROAD	SOUTHINGTON	CT
205	JASON M & PAMELA A PEARSON	155 OLD FARM ROAD	SOUTHINGTON	CT
206	JAMES M & JACLYN A PUGLIESE	145 OLD FARM ROAD	SOUTHINGTON	CT
207	NABIL FAHLI & JAMILA BENSEGHIR	135 OLD FARM ROAD	SOUTHINGTON	CT
208	ANN LAVERN & THOMAS J CALLEGARI	125 OLD FARM ROAD	SOUTHINGTON	CT
209	HASSANIEH ROLA & SAMAR AL	117 OLD FARM ROAD	SOUTHINGTON	CT
210	MONICA BANICI	111 OLD FARM ROAD	SOUTHINGTON	CT
211	JON J & KARYN L PORTER	10 VINEYARD LANE	SOUTHINGTON	CT
212	PAULA WARNER	457 HOBART STREET	SOUTHINGTON	CT
213	RONALD J & POK C VAUTER	467 HOBART STREET	SOUTHINGTON	CT
214	ROBERT GRIGEREK ET AL	473 HOBART STREET	SOUTHINGTON	CT
215	DOROTHY M CIAFFAGLIONE	475 HOBART STREET	SOUTHINGTON	CT
216	JOHN ROBERT & MARIE M CERRONE	46 VINEYARD LANE	SOUTHINGTON	CT
219	JOHN F & PHYLLIS W THOMPSON	9 VINEYARD LANE	SOUTHINGTON	CT

**Area Description**

*Adjacent Land Use*

- Residential

*Road Crossings*

- Vineyard Lane
- Hobart Street

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor

*Wetlands, Watercourses, and Waterbodies*

- None

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub
- Lawn

*Access*

- Structure 1813: Existing ROW access road off Hobart Street
- Structures 1814, 1815: Existing and Proposed Alternate access road off Hobart Street

*Right-of-Way Width*

- Utility ROW is approximately 240 feet







Line List Number	Owner Name	Site Address	Site Town	State
160*	SPRING LAKE VILLAGE	SPRING LAKE VILLAGE	SOUTHINGTON	CT
183	BARBARA ANN & JOHN FRANCIS HAYES	370 WOODRUFF STREET	SOUTHINGTON	CT
184	SHANNON A FELIZ	360 WOODRUFF STREET	SOUTHINGTON	CT
188	STANLEY J & SANDRA L STANIEWICZ	31 REUSSNER ROAD	SOUTHINGTON	CT
190	SUSANNA ELLEN SIMONE & DENISE CASALE TRUSTEES	55 REUSSNER ROAD	SOUTHINGTON	CT
191	PAUL T & LINDA J LUNDIE	65 REUSSNER ROAD	SOUTHINGTON	CT
197	THE CONNECTICUT LIGHT & POWER COMPANY	WOODRIUFF STREET	SOUTHINGTON	CT
198	NANCY S NARDOZZI	67 DOGWOOD DRIVE	SOUTHINGTON	CT
199	BARBARA E HARTFORD	61 DOGWOOD DRIVE	SOUTHINGTON	CT
	*See Attachment D for supplemental line lists for individual condominium owners			

**Area Description**

*Adjacent Land Use*

- Residential
- Multi-family residential
- Undeveloped
- Floodplain forest, open water

*Road Crossings*

- Woodruff Street

**Right-Of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Spring Lake
- Floodplain

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_12
- Wetland Cover Types: PUB, PUS, PSS
- Water Bodies - Spring Lake

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub
- Lawn

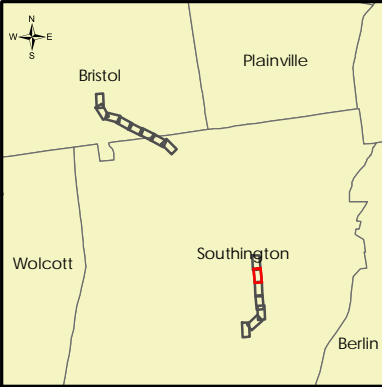
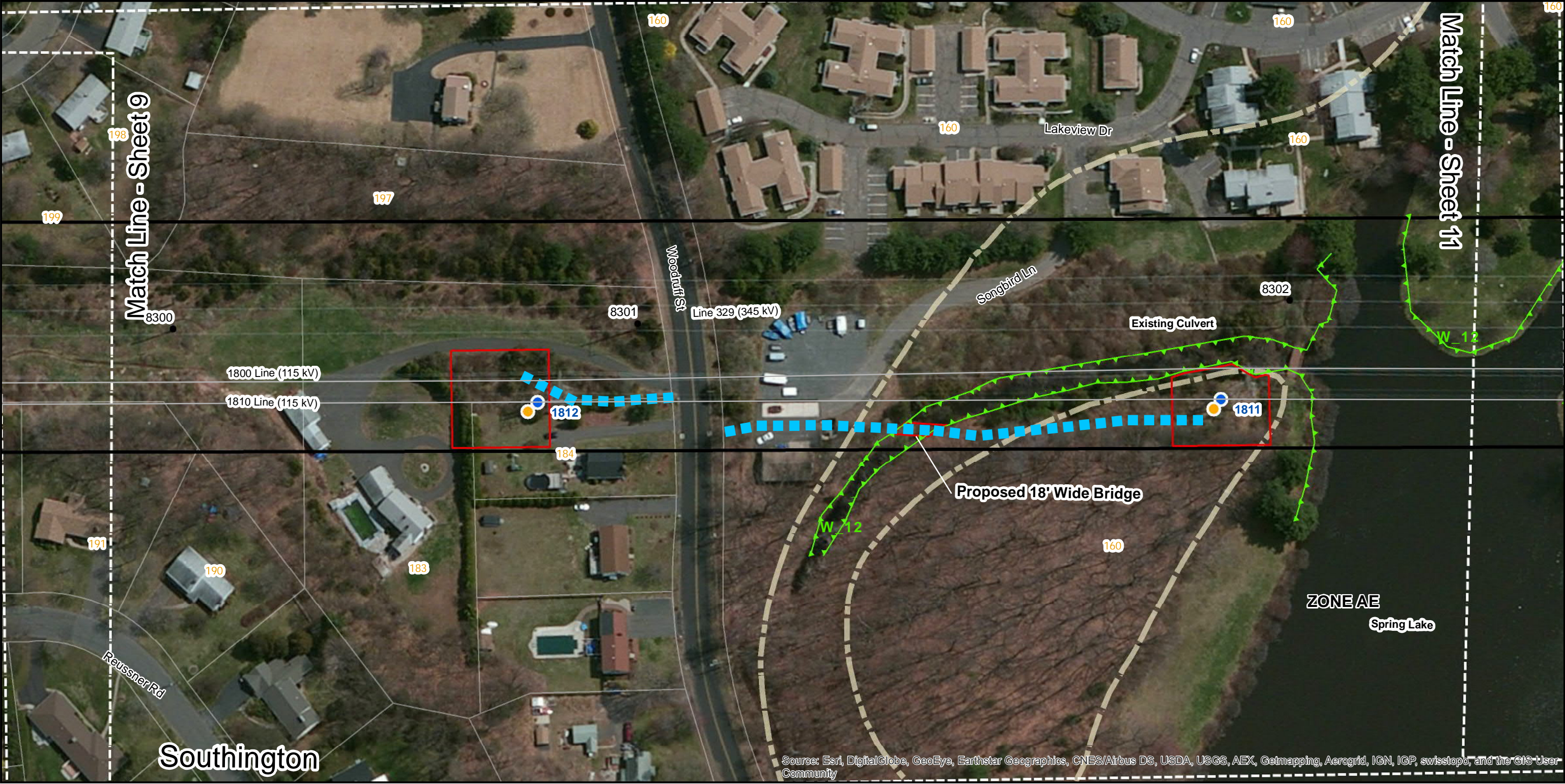
*Access*

- Structure 1811: Proposed ROW access road off Woodruff Street
- Structure 1812: Proposed ROW access road off Woodruff Street

*Right-of-Way Width*

- Utility ROW is approximately 240 feet





**Legend**

● Structures to be Modified	□ Proposed Work Pad/Pull Pad	▢ Proposed Access Road
● Proposed Structure	□ Proposed Staging Area	▢ Proposed Alternate Access Road
● Existing Structure	--- Eversource Property Boundary	▢ Parcel Boundary
● Structures to be Removed	--- Approximate Utility Rights of Way	--- Swale
— Transmission Line	▢ Existing Access Road	▢ 100-yr Floodplain
— Wetland Boundary		▢ Town Line Boundary

**Map Labels**

100	Line List ID
W_00	Wetland ID

**EVERSOURCE ENERGY**

**FUSS & O'NEILL**

78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 10



Line List Number	Owner Name	Site Address	Site Town	State
160*	SPRING LAKE VILLAGE	SPRING LAKE VILLAGE	SOUTHINGTON	CT
170	CATHLEEN WHILLOCK	37 LACEY ROAD	SOUTHINGTON	CT
171	CATHLEEN WHILLOCK	LACEY ROAD	SOUTHINGTON	CT
176	GREGORY R & YVETTE M MIRANDO	46 BRIAR LANE	SOUTHINGTON	CT
177	MATTHEW J SIMA	54 BRIAR LANE	SOUTHINGTON	CT
178	CAROL FERRUCCI	60 BRIAR LANE	SOUTHINGTON	CT
179	AMANDA R THOMPSON ET AL	66 BRIAR LANE	SOUTHINGTON	CT
180	MICHAEL A & DAVID S RUBIN	72 BRIAR LANE	SOUTHINGTON	CT
181	TRACI A MASSE	78 BRIAR LANE	SOUTHINGTON	CT
182	RONALD F SUMMA & CALLA V SCHON	84 BRIAR LANE	SOUTHINGTON	CT
	*See Attachment D for supplemental line list information for individual condominium owners.			

Area Description

Adjacent Land Use

- Multi-family Residential
- Floodplain
- Commercial

Road Crossings

- Village Road

Right-of-Way Description

Right-of-Way Land Use

- Maintained transmission corridor
- Spring Lake
- Floodplain
- Agriculture

Wetlands, Watercourses, and Waterbodies

- Wetlands: W\_12, W\_13
- Wetland Cover Types: PUB, PUS
- Water Bodies: Spring Lake

Wetland and Watercourse Crossing

- NA

Vegetation on Transmission Corridor

- Scrub-shrub
- Lawn
- Agriculture

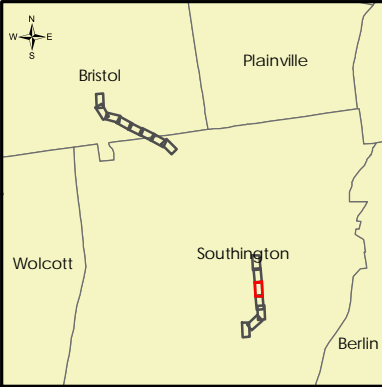
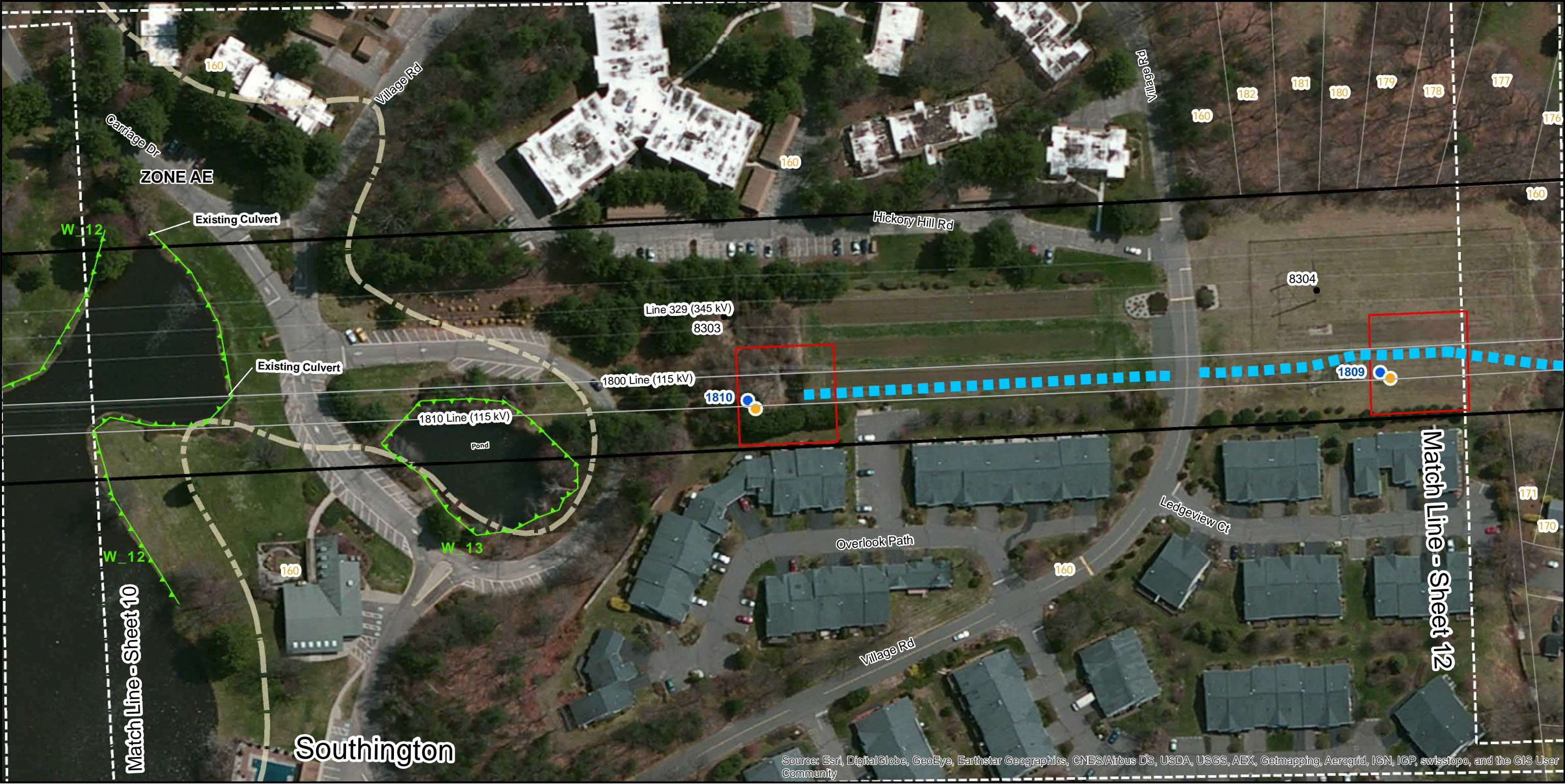
Access

- Structure 1809: Proposed ROW access from Berlin Street
- Structure 1810: Proposed ROW access from Village Rd

Right-of-Way Width

- Utility ROW is approximately 240 feet





**Legend**

- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary
- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road
- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

**Map Labels**

- 100 Line List ID
- W\_00 Wetland ID

**EVERSOURCE ENERGY**

**FUSS & O'NEILL**  
78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

**1810 TRANSMISSION  
LINE UPGRADE PROJECT**

EVERSOURCE ENERGY

LINE 1810

Sheet 11



List Number	Owner Name	Site Address	Site Town	State
138	MARK J & JUNE K DALIDOWITZ	81 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
139	RENNOLD G HANSON III	75 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
140	LAWRENCE W & EMILY DUPRE	69 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
141	CYNTHIA R BARLEY	63 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
142	DAVID P & DONNA M CELLO	57 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
143	JAMES J & JUDITH N PETROPOULOS	51 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
144	ANTOINE VO	45 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
145	SANDRA E KERN	39 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
146	BILLIE S WITKOVIC	33 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
147	ANETA KOSSAKOWSKI	27 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
148	ETHEL V GRAHAM	21 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
149	JOHN J & TERESA W STRACHEL	15 PLUM ORCHARD ROAD	SOUTHINGT ON	CT
150	JOHN & MARILYN SZYMANSKI	BERLIN STREET	SOUTHINGT ON	CT
155	ROBERT BURZYNSKI & DOMINIK JEZEWSKA	71 LEPAGE DRIVE	SOUTHINGT ON	CT
156	CAROLYN MICANOVIC	79 LEPAGE DRIVE	SOUTHINGT ON	CT
158	RICHARD J & TINA M DANKO JR	209 BERLIN STREET	SOUTHINGT ON	CT
159	CONNECTICUT LIGHT & POWER COMPANY	BERLIN STREET	SOUTHINGT ON	CT
160	SPRING LAKE VILLAGE	SPRING LAKE VILLAGE	SOUTHINGT ON	CT
160	SPRING LAKE VILLAGE CONDOS C/O JEANNE DONAHUE (CONDO 1)	SPRING LAKE VILLAGE	SOUTHINGT ON	CT
161	ROLAND A & CHERYL W DUTILLY	190 BERLIN STREET	SOUTHINGT ON	CT
162	STEVEN VENDETTI	5 LACEY ROAD	SOUTHINGT ON	CT
163	MARC R MCVICKER	9 LACEY ROAD	SOUTHINGT ON	CT
164	JEDAE L GOSKI	13 LACEY ROAD	SOUTHINGT ON	CT
165	MATTHEW & CRYSTAL ORANGE	17 LACEY ROAD	SOUTHINGT ON	CT
166	CYNTHIA E BOUTOT	21 LACEY ROAD	SOUTHINGT ON	CT
167	CHRISTOPHER RYKER, TRUSTEE C RYKER LIFE INSURANCE	25 LACEY ROAD	SOUTHINGT ON	CT
168	FAITH B BENSON, TRUSTEE	29 LACEY ROAD	SOUTHINGT ON	CT
169	TIMOTHY B GOLDBERG	33 LACEY ROAD	SOUTHINGT ON	CT
170	CATHLEEN WHILLOCK	37 LACEY ROAD	SOUTHINGT ON	CT
171	CATHLEEN WHILLOCK	LACEY ROAD	SOUTHINGT ON	CT
172	RUSSELL F OSBORN	226 BERLIN STREET	SOUTHINGT ON	CT
173	DAVID FRANK FIONDELLA & DONNA MARIE MURPHY	22 BRIAR LANE	SOUTHINGT ON	CT
174	ANTHONY L & YVETTE M PALMIERI	30 BRIAR LANE	SOUTHINGT ON	CT
175	JAMES L & DEBRA L BARD	38 BRIAR LANE	SOUTHINGT ON	CT
176	GREGORY R & YVETTE M MIRANDO	46 BRIAR LANE	SOUTHINGT ON	CT
177	MATTHEW J SIMA	54 BRIAR LANE	SOUTHINGT ON	CT
178	CAROL FERRUCCI	60 BRIAR LANE	SOUTHINGT ON	CT

**Area Description**

*Adjacent Land Use*

- Residential

*Road Crossings*

- Berlin Street

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_14
- Wetland Cover Types : PFO, PEM

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub
- Lawn

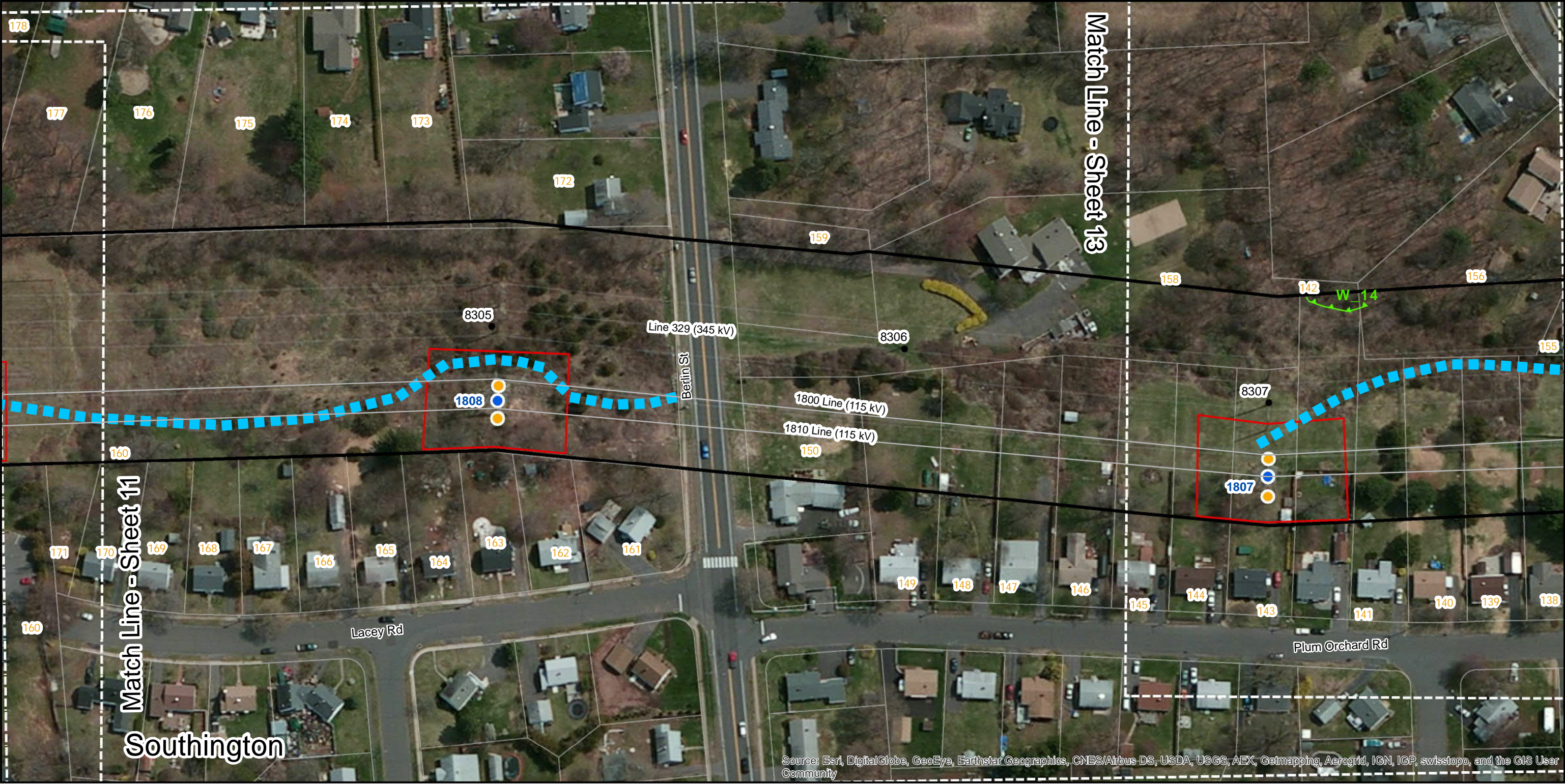
*Access*

- Structure: 1807: Existing and Proposed ROW access roads from Peters Circle
- Structure: 1808: Proposed ROW access road from Berlin Street

*Right-of-Way Width*

- Utility ROW is approximately 240 feet



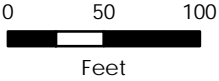


Legend

- |                             |                                     |                                  |
|-----------------------------|-------------------------------------|----------------------------------|
| ● Structures to be Modified | □ Proposed Work Pad/Pull Pad        | ▬ Proposed Access Road           |
| ● Proposed Structure        | □ Proposed Staging Area             | ▬ Proposed Alternate Access Road |
| ● Existing Structure        | ▬ Eversource Property Boundary      | ▬ Parcel Boundary                |
| ● Structures to be Removed  | ▬ Approximate Utility Rights of Way | ▬ Swale                          |
| ▬ Transmission Line         | ▬ Existing Access Road              | ▬ 100-yr Floodplain              |
| ▬ Wetland Boundary          |                                     | ▬ Town Line Boundary             |

Map Labels

- 100 Line List ID  
W\_00 Wetland ID



**EVERSOURCE**  
ENERGY



1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 12



Line List Number	Owner Name	Site Address	Site Town	State
100	THE CONNECTICUT LIGHT & POWER COMPANY	BELLEVIEW AVENUE	SOUTHINGTON	CT
116	DAVID & AMY JEAN PERRY	165 PLUM ORCHARD ROAD	SOUTHINGTON	CT
117	DAN MCINTYRE	159 PLUM ORCHARD ROAD	SOUTHINGTON	CT
124	JOSEPH S & NINA A CIANCI	227 BUTTERNUT LANE	SOUTHINGTON	CT
126	ROBERT K KLENZUN	153 PLUM ORCHARD ROAD	SOUTHINGTON	CT
127	NANCY L SCOFIELD	147 PLUM ORCHARD ROAD	SOUTHINGTON	CT
128	THOMAS A & MARY MARGARET VALENTINE	141 PLUM ORCHARD ROAD	SOUTHINGTON	CT
129	EVERETT D BARNES SR	135 PLUM ORCHARD ROAD	SOUTHINGTON	CT
130	HENRY M ASZKLAR	129 PLUM ORCHARD ROAD	SOUTHINGTON	CT
131	PAUL J & ALTINE ALBERT	123 PLUM ORCHARD ROAD	SOUTHINGTON	CT
132	COLLEEN EARLEY	117 PLUM ORCHARD ROAD	SOUTHINGTON	CT
133	SYLVIA GOLMON TRUSTEE	111 PLUM ORCHARD ROAD	SOUTHINGTON	CT
134	MICHAEL T & LAURA MAZZERA	105 PLUM ORCHARD ROAD	SOUTHINGTON	CT
135	HOLLY T CERUTI	99 PLUM ORCHARD ROAD	SOUTHINGTON	CT
136	WAYNE K & DEBORAH A CHANDLER	93 PLUM ORCHARD ROAD	SOUTHINGTON	CT
137	RONALD C CRISCITELLO	87 PLUM ORCHARD ROAD	SOUTHINGTON	CT
138	MARK J & JUNE K DALIDOWITZ	81 PLUM ORCHARD ROAD	SOUTHINGTON	CT
139	RENNOLD G HANSON III	75 PLUM ORCHARD ROAD	SOUTHINGTON	CT
140	LAWRENCE W & EMILY DUPRE	69 PLUM ORCHARD ROAD	SOUTHINGTON	CT
141	CYNTHIA R BARLEY	63 PLUM ORCHARD ROAD	SOUTHINGTON	CT
142	DAVID P & DONNA M CELLO	57 PLUM ORCHARD ROAD	SOUTHINGTON	CT
143	JAMES J & JUDITH N PETROPOULOS	51 PLUM ORCHARD ROAD	SOUTHINGTON	CT
144	ANTOINE VO	45 PLUM ORCHARD ROAD	SOUTHINGTON	CT
145	SANDRA E KERN	39 PLUM ORCHARD ROAD	SOUTHINGTON	CT
151	PAUL & PAULINE GENDREAU	37 LEPAGE DRIVE	SOUTHINGTON	CT
152	DONNA & FRANCIS PALI	47 LEPAGE DRIVE	SOUTHINGTON	CT
153	ABDERRAHIM & MARTA FARES	57 LEPAGE DRIVE	SOUTHINGTON	CT
154	ALYCE W DEANGELO	65 LEPAGE DRIVE	SOUTHINGTON	CT
155	ROBERT BURZYNSKI & DOMINIK JEZEWSKA	71 LEPAGE DRIVE	SOUTHINGTON	CT
156	CAROLYN MICANOVIC	79 LEPAGE DRIVE	SOUTHINGTON	CT
157	RISA G RODGERS & DAVID J LISTON	85 LEPAGE DRIVE	SOUTHINGTON	CT
158	RICHARD J & TINA M DANKO JR	209 BERLIN STREET	SOUTHINGTON	CT

**Area Description**

*Adjacent Land Use*

- Residential
- Undeveloped, forestland
- Floodplain

*Road Crossings*

- No road crossings

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_14
- Wetland Cover Types : PFO, PEM

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub
- Lawn

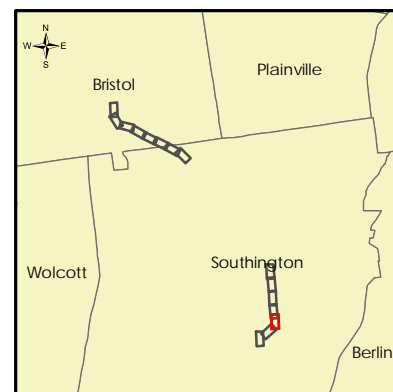
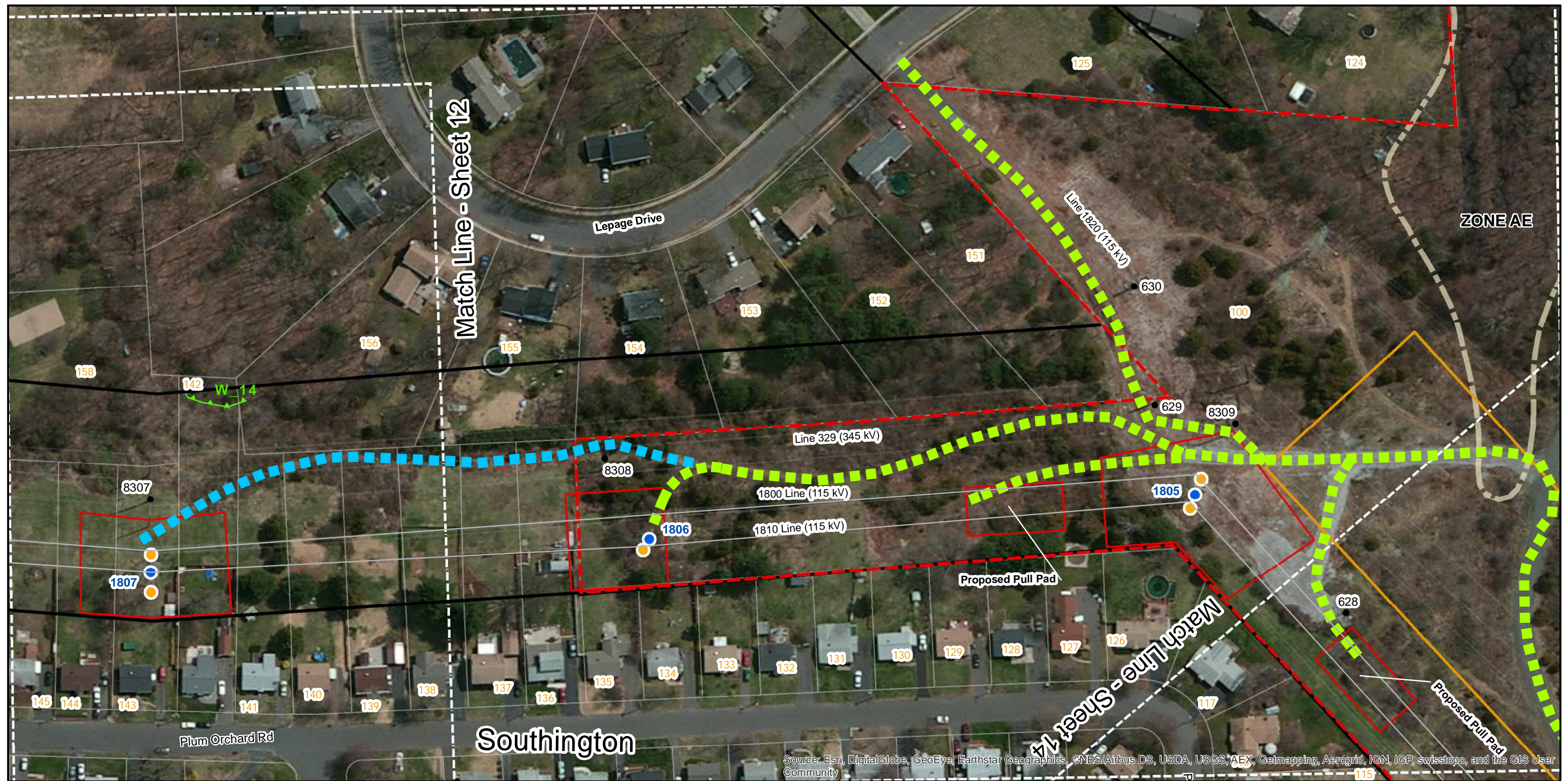
*Access*

- Structures: 1806, 1805: Existing access roads from Peters Circle
- Structure: 1807: Existing and proposed access roads from Peters Circle

*Right-of-Way Width*

- Utility ROW is approximately 240 feet





**Legend**

- Structures to be Modified
- Proposed Structure
- Existing Structure
- Structures to be Removed
- Transmission Line
- Wetland Boundary
- Proposed Work Pad/Pull Pad
- Proposed Staging Area
- Eversource Property Boundary
- Approximate Utility Rights of Way
- Existing Access Road
- Proposed Access Road
- Proposed Alternate Access Road
- Parcel Boundary
- Swale
- 100-yr Floodplain
- Town Line Boundary

**Map Labels**

- 100 Line List ID
- W\_00 Wetland ID

**EVERSOURCE ENERGY**

**FUSS & O'NEILL**  
78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

1810 TRANSMISSION  
LINE UPGRADE PROJECT

EVERSOURCE ENERGY

LINE 1810

Sheet 13



Line List Number	Owner Name	Site Address	Site Town	State
100	THE CONNECTICUT LIGHT & POWER COMPANY	BELLEVIEW AVENUE	SOUTHINGTON	CT
105	ALAN PARADIS	71 BERKLEY AVENUE	SOUTHINGTON	CT
106	ROCHELLE OVERTON	73 BERKLEY AVENUE	SOUTHINGTON	CT
107	FORMAT LLC	80 HOMESDALE AVENUE	SOUTHINGTON	CT
108	DAVID R & KAREN A STONE	78 HOMESDALE AVENUE	SOUTHINGTON	CT
109	CHRISTINE A & ANDREW S ZYSK	76 HOMESDALE AVENUE	SOUTHINGTON	CT
110	RICHARD L & KIM BRAYALL	74 HOMESDALE AVENUE	SOUTHINGTON	CT
111	DONALD J ANDERSON JR & CAROL L MORRELL	72HOMESDALE AVENUE	SOUTHINGTON	CT
112	TOWN OF SOUTHINGTON	HOMESDALE AVENUE	SOUTHINGTON	CT
113	CAROL KUEHM	152 PETERS CIRCLE	SOUTHINGTON	CT
114	CARL J BELLINGHAUSEN	141 PETERS CIRCLE	SOUTHINGTON	CT
115	SECRETARY OF HOUSING & URBAN DEVELOPMENT, C/O MICHAELSON, CONNOR & BOUL	171 PLUM ORCHARD ROAD	SOUTHINGTON	CT
116	DAVID & AMY JEAN PERRY	165 PLUM ORCHARD ROAD	SOUTHINGTON	CT
117	DAN MCINTYRE	159 PLUM ORCHARD ROAD	SOUTHINGTON	CT

**Area Description**

*Adjacent Land Use*

- Residential
- Undeveloped, forestland
- Southington Substation
- Floodplain

*Road Crossings*

- No road crossings

**Right-of-Way Description**

*Right-of-Way Land Use*

- Maintained transmission corridor
- Southington Substation

*Wetlands, Watercourses, and Waterbodies*

- Wetlands: W\_15
- Wetland Cover Types : PFO, PEM

*Wetland and Watercourse Crossing*

- NA

*Vegetation on Transmission Corridor*

- Scrub-shrub

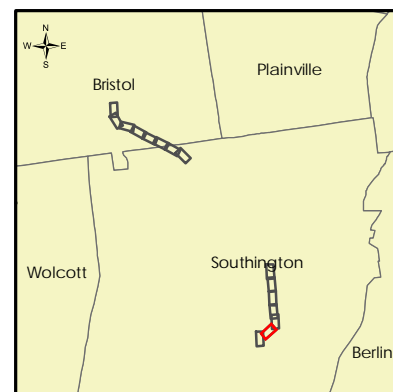
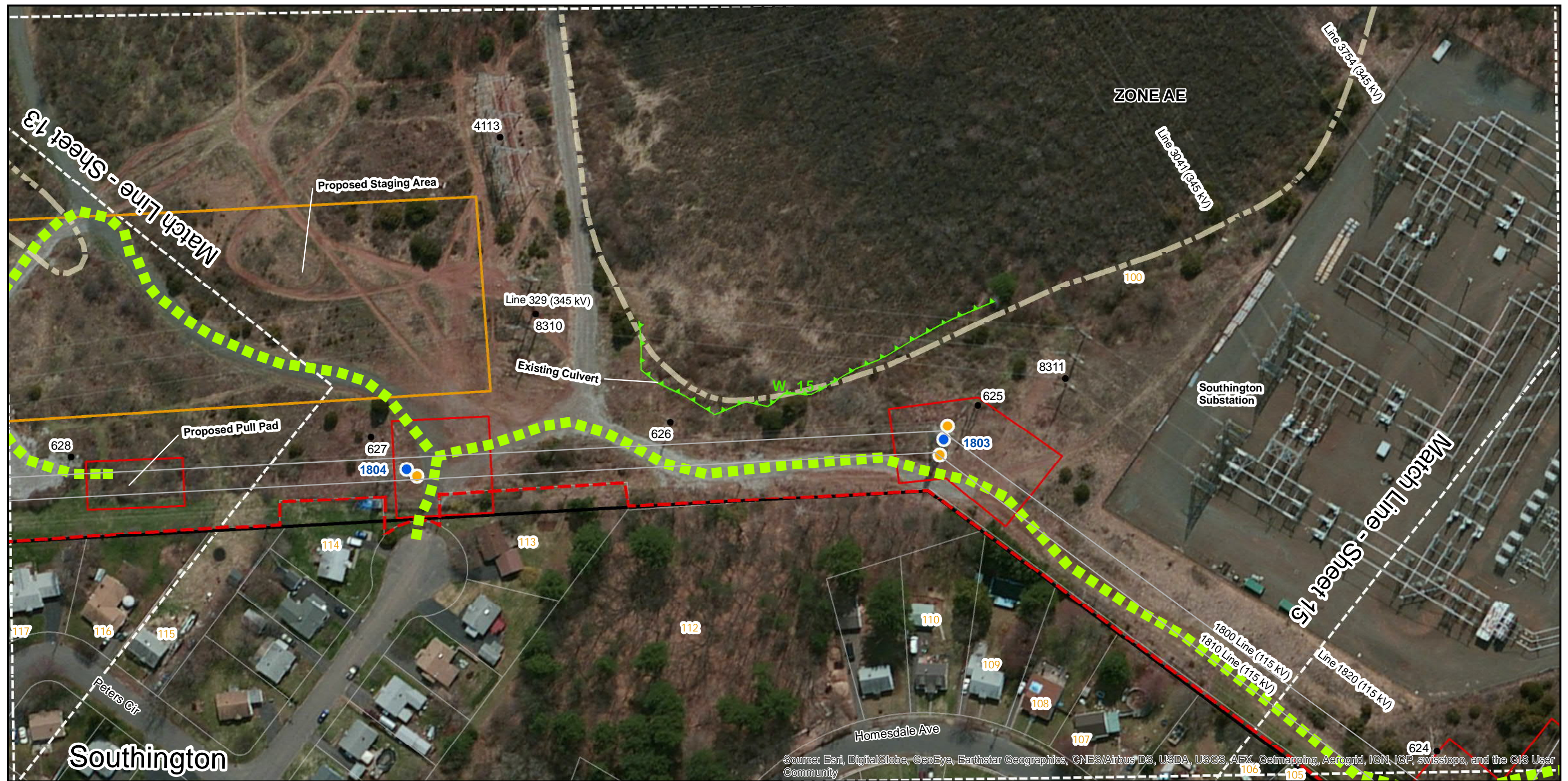
*Access*

- Structures 1803, 1804: Existing ROW access roads off Peters Circle

*Right-of-Way Width*

- Eversource Property and Substation





**Legend**

● Structures to be Modified	□ Proposed Work Pad/Pull Pad	■ Proposed Access Road
● Proposed Structure	□ Proposed Staging Area	■ Proposed Alternate Access Road
● Existing Structure	--- Eversource Property Boundary	□ Parcel Boundary
● Structures to be Removed	— Approximate Utility Rights of Way	--- Swale
— Transmission Line	■ Existing Access Road	— 100-yr Floodplain
— Wetland Boundary		□ Town Line Boundary

**Map Labels**

100	Line List ID
W_00	Wetland ID

**EVERSOURCE ENERGY**

**FUSS & O'NEILL**

78 INTERSTATE DRIVE  
WEST SPRINGFIELD, MA 01089

**1810 TRANSMISSION  
LINE UPGRADE PROJECT**

EVERSOURCE ENERGY

LINE 1810

Sheet 14



Line List Number	Owner Name	Site Address	Site Town	State
100	THE CONNECTICUT LIGHT & POWER COMPANY	BELLEVIEW AVENUE	SOUTHINGTON	CT
101	ST THOMAS C C CORP	209 BELLEVIEW AVENUE	SOUTHINGTON	CT
102	RAYMOND B & PATRICIA A PELLETIER	65 BERKLEY AVENUE	SOUTHINGTON	CT
103	CYNTHIA M MERRILL	67 BERKLEY AVENUE	SOUTHINGTON	CT
104	NEWTON J & MARY M STEVENS	69 BERKLEY AVENUE	SOUTHINGTON	CT
105	ALAN PARADIS	71 BERKLEY AVENUE	SOUTHINGTON	CT
106	ROCHELLE OVERTON	73 BERKLEY AVENUE	SOUTHINGTON	CT
107	FORMAT LLC	80 HOMESDALE AVENUE	SOUTHINGTON	CT
118	ROSEMARIE BOOKER	319 BELLEVIEW AVENUE	SOUTHINGTON	CT
119	JULIE M & MICHAEL P CASEY	323 BELLEVIEW AVENUE	SOUTHINGTON	CT
120	TOWN OF SOUTHINGTON	BELLEVIEW AVENUE	SOUTHINGTON	CT

Area Description

Adjacent Land Use

- Southington Substation
- Residential

Road Crossings

- No road crossings

Right-of-Way Description

Right-of-Way Land Use

- Maintained transmission corridor
- Southington Substation

Wetlands, Watercourses, and Waterbodies

- None

Wetland and Watercourse Crossing

- None

Vegetation on Transmission Corridor

- Scrub-shrub

Access

- Structure 1802: Existing ROW access roads off Bellevue Avenue

Right-of-Way Width

- Eversource Property and Substation









## ATTACHMENT C:

Graphs of Calculated Pre- and Post-  
Reconductoring and Rebuild Electric and  
Magnetic Fields

**Figure 1: Calculated Magnetic Fields for Section from Forestville Junction to Lake Ave Junction**

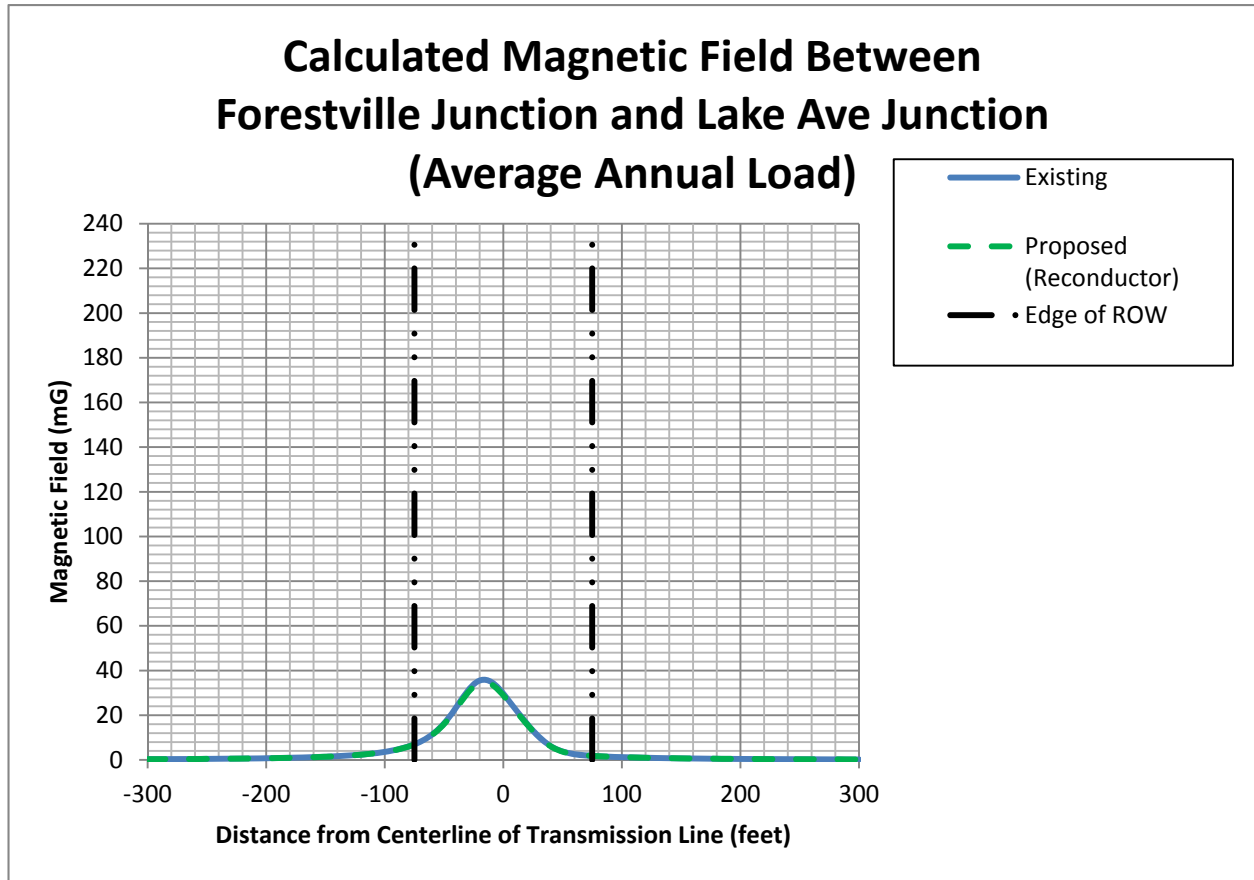


Figure 2: Calculated Magnetic Fields for Section from Southington S/S to Str # 1805

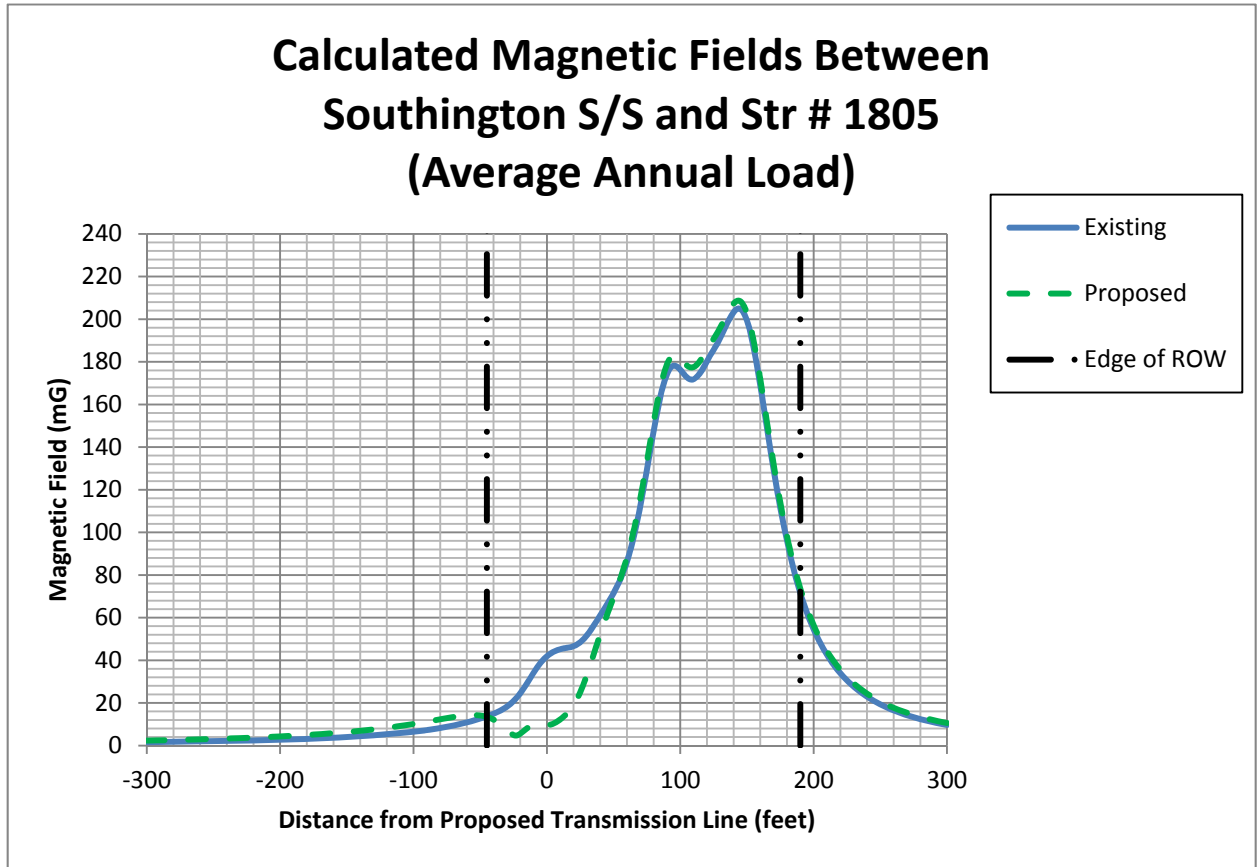




Figure 3: Calculated Magnetic Fields for Section from Str # 1805 to Str # 1815

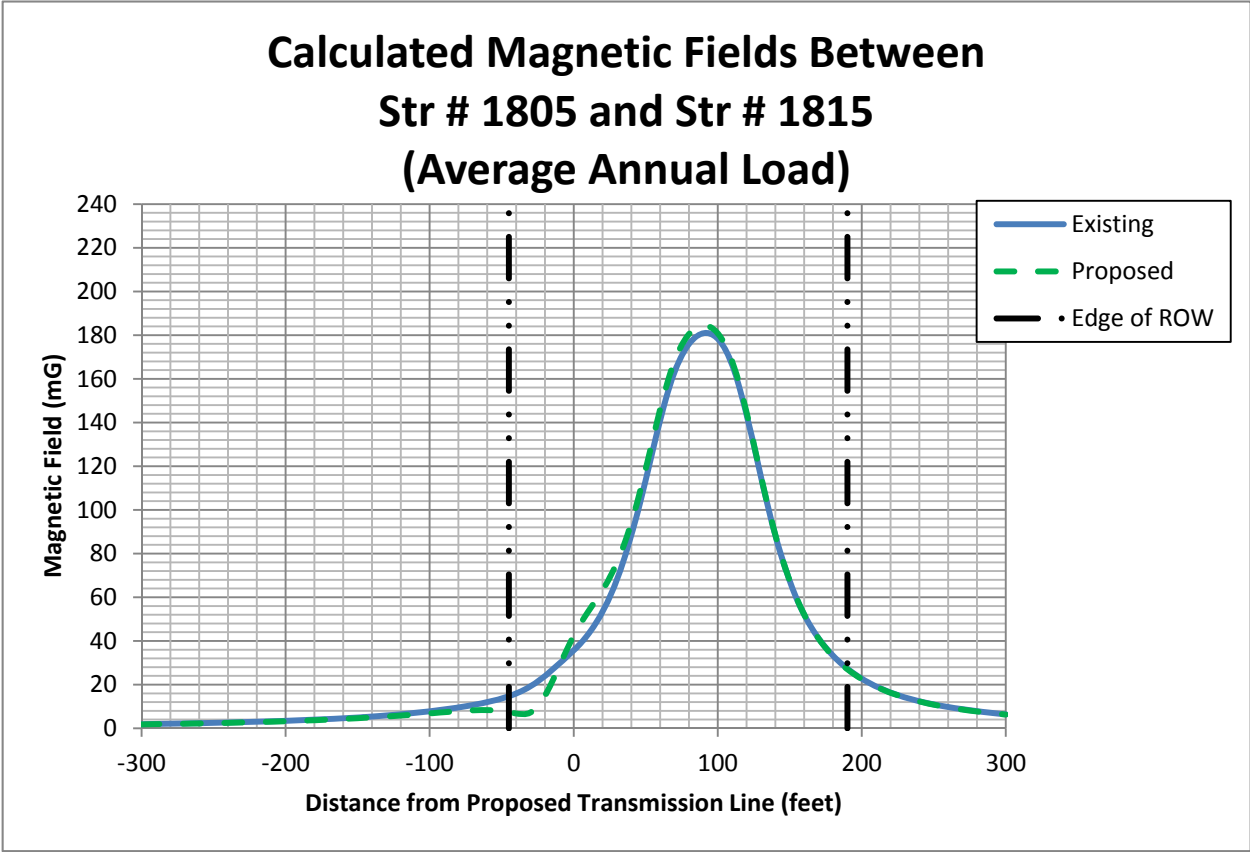
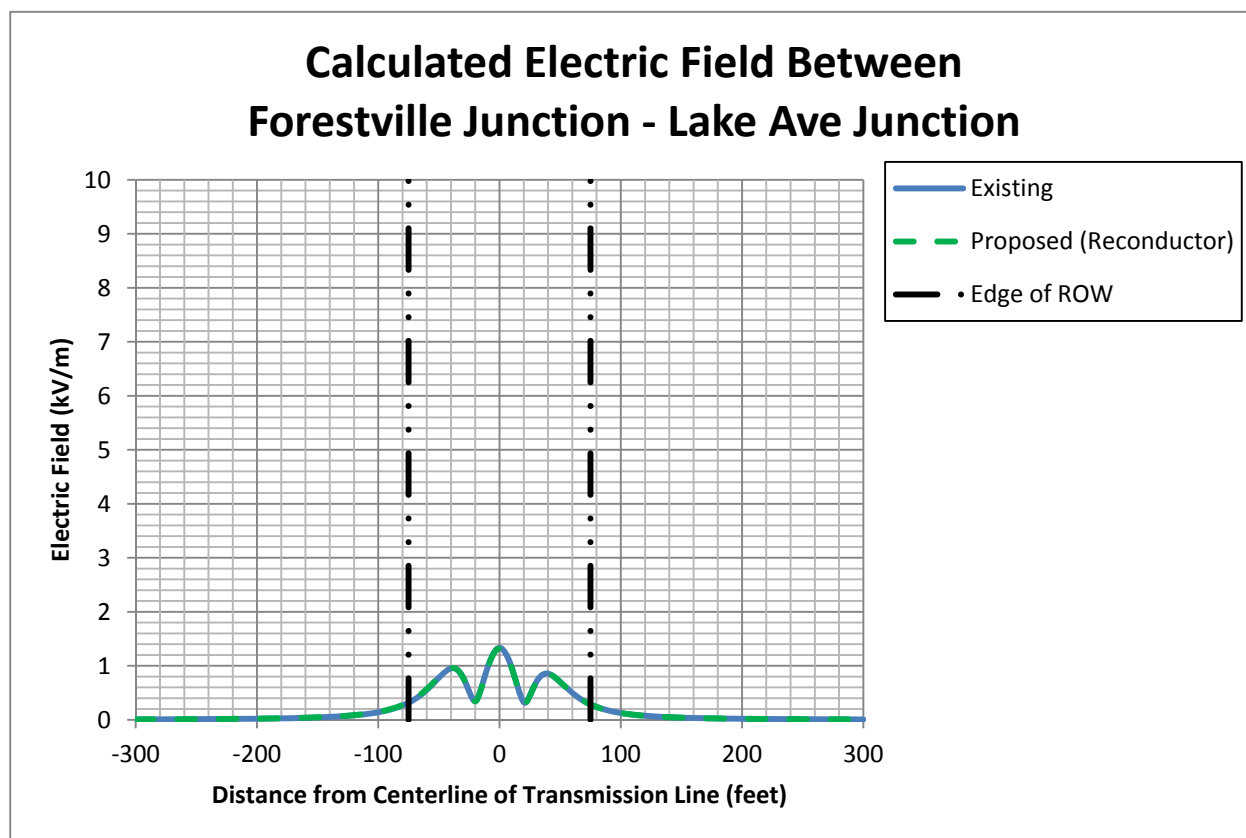


Figure 4: Calculated Electric Fields for Section from Forestville Junction to Lake Ave Junction



**Figure 5: Calculated Electric Fields for Section from Southington S/S to Str # 1805**

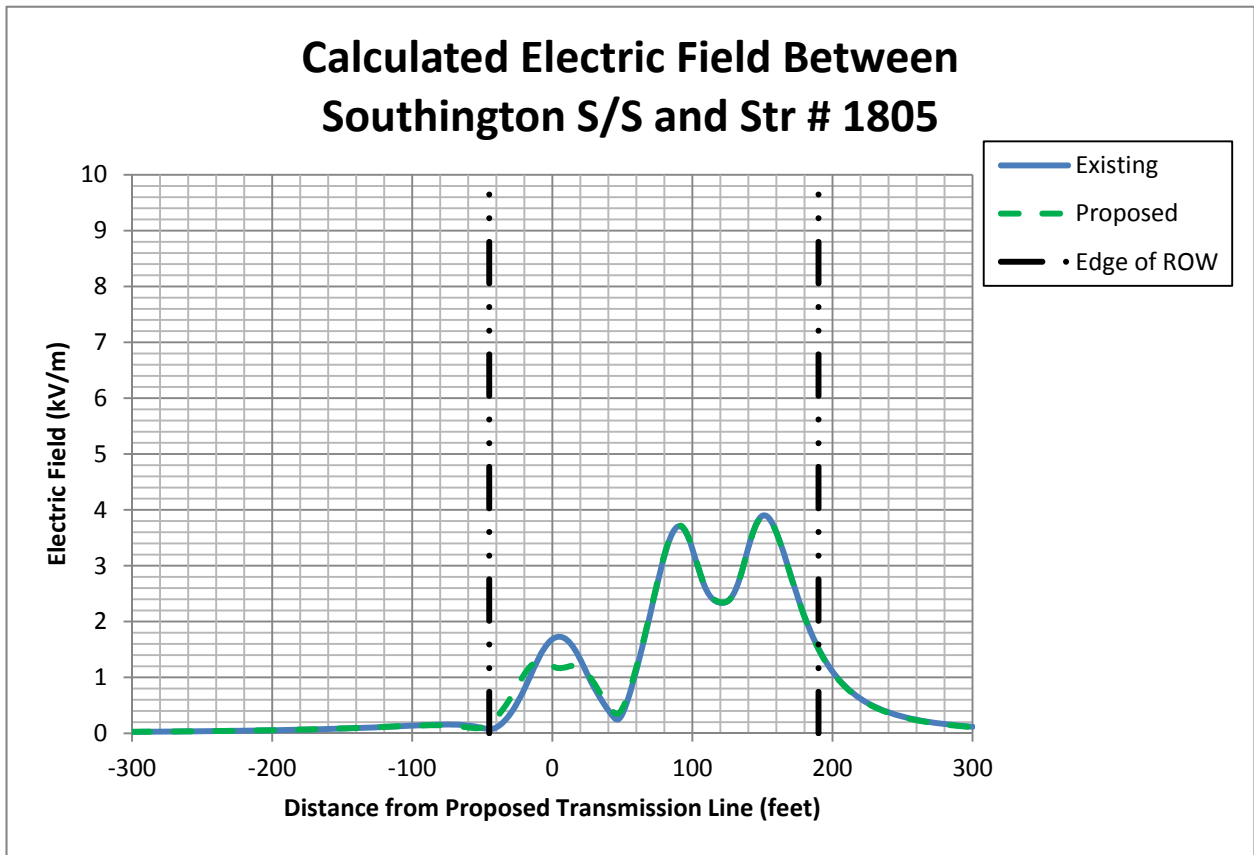
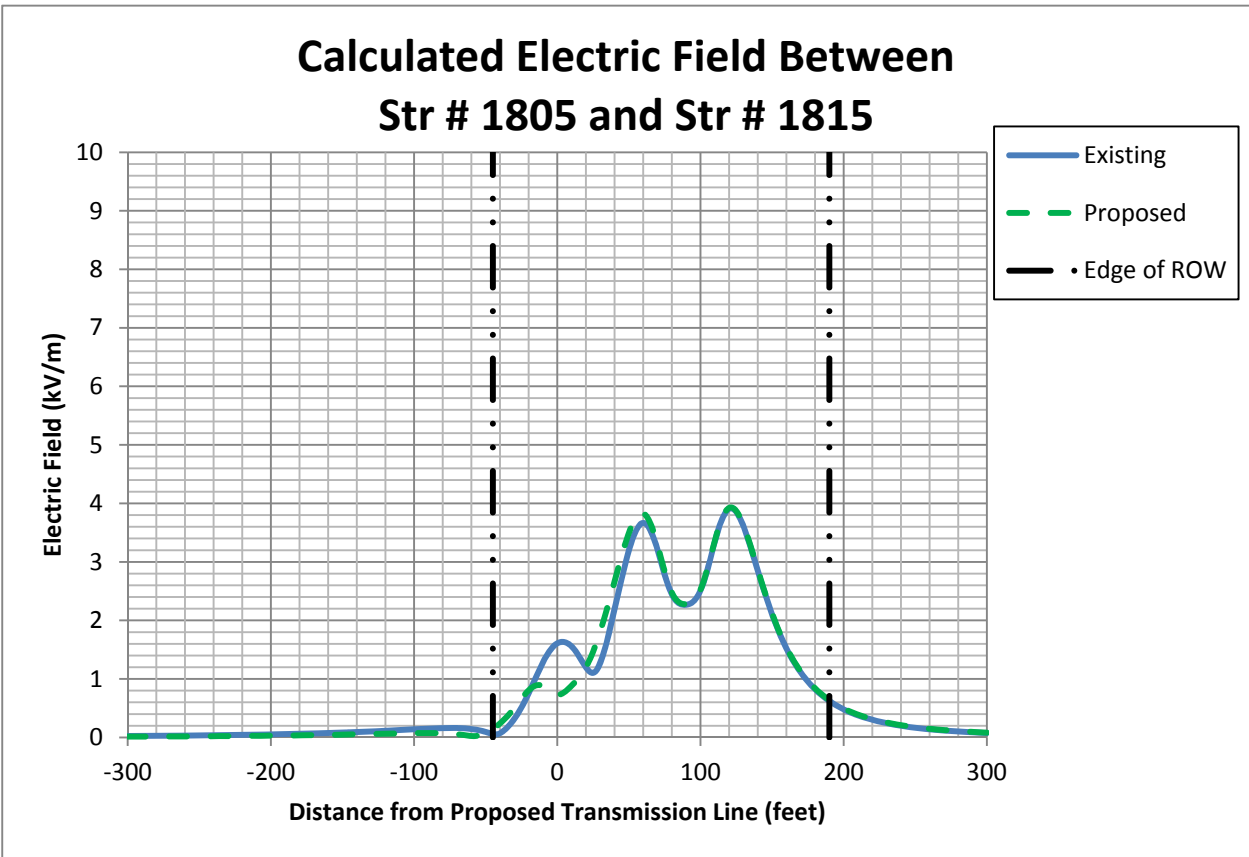


Figure 6: Calculated Electric Fields for Section from to Str #1805 to Str # 1815







## ATTACHMENT D:

Letter to the Abutters, Abutters List and  
Affidavit



November 19, 2015

Dear Neighbor,

As part of its everyday effort to deliver reliable energy and superior customer service, Eversource is submitting a petition to the Connecticut Siting Council (CSC) for the 1810 Transmission Line Upgrade Project ("Project") to be conducted in your area.

The Project scope includes upgrading the existing 1810 115-kV transmission line for 1.85 miles in Southington between the Southington Substation on Bellview Avenue and Vineyard Lane. The line upgrade in this area would consist of replacing the existing lattice structures with new monopole structures and installing new wire of the same voltage on the new structures. The Project scope also includes reinforcement of existing 1810 Line structures and replacing the existing wire along a 1.75 mile section of right-of-way from Westwood Drive in Southington to Lakeside Drive in Bristol. Upgrades are also proposed at Southington Substation. There would be no expansion of the existing fence line at the substation.

If the work is approved by the CSC, construction is expected to begin in the summer 2016. Completion of the Project and restoration is anticipated in spring 2017.

If you would like to send comments or concerns regarding Eversource's petition to the CSC, please send them via e-mail to [siting.council@ct.gov](mailto:siting.council@ct.gov) or a letter to the following address:

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

For more information about this upgrade work, please call the Eversource Transmission Information Line at 1-800-793-2202, or send an email to [TransmissionInfo@eversource.com](mailto:TransmissionInfo@eversource.com).

Thank you.

Sincerely,

***Jason Cabral***

Jason Cabral  
Eversource Project Manager



**Eversource 1810 Line Upgrade**  
**Project Unit Owners in South Mountain Townhouse Abutters**

<b>Name</b>	<b>Street</b>	<b>Town</b>	<b>State</b>	<b>Zip</b>
Gary Sparks	11 Lakeside Dr. Unit #16	Bristol	CT	06010
Marilyn S. Pet, LLC	235 East River Drive #1601	East Hartford	CT	06108
Charles & Sharon Lunn	11 Lakeside Dr. Unit #18	Bristol	CT	06010
Maggie Wallace	11 Lakeside Dr. Unit #19	Bristol	CT	06010
Eric A. Peters & Laura M. Tremblay	11 Lakeside Dr. Unit #20	Bristol	CT	06010
Derek Ludwinowicz	11 Lakeside Dr. Unit #21	Bristol	CT	06010
Eddie Medina	11 Lakeside Dr. Unit #22	Bristol	CT	06010
Patricia Mangiafico	11 Lakeside Dr. Unit #23	Bristol	CT	06010
Claire Mackey & Lori Price	33 Lakeside Dr. Unit #30	Bristol	CT	06010
Peter Blackmore	33 Lakeside Dr. Unit #31	Bristol	CT	06010
Susan Sena	33 Lakeside Dr. Unit #32	Bristol	CT	06010
Piotr Majk	55 Farmington Chase Cres	Farmington	CT	06032
Darrell J. Lapoint III	33 Lakeside Dr. Unit #34	Bristol	CT	06010
Scott Vigdor	33 Lakeside Dr. Unit #35	Bristol	CT	06010
Anna Curtin	33 Lakeside Dr. Unit #36	Bristol	CT	06010
Denise Corby	33 Lakeside Dr. Unit #37	Bristol	CT	06010
Elaina King	33 Lakeside Dr. Unit #38	Bristol	CT	06010
Peter Klein	P.O. Box 36	Unionville	CT	06085
Jaime Valentine & Michael Josefiak	33 Lakeside Dr. Unit #40	Bristol	CT	06010
William A. Stevens III & Pamela Pelletier-Stevens	33 Lakeside Dr. Unit #41	Bristol	CT	06010
Estate of Ms. Marilyn Green C/o Attorney Linde Webb	4930 Holland-Sylvania Road	Sylvania	OH	43560
Gretchen Ruiz	61 Lakeside Dr. Unit #43	Bristol	CT	06010
Keith Dubay, Sr.	62 Hardwick Road	Bristol	CT	06010
Eric Bryant	61 Lakeside Dr. Unit #45	Bristol	CT	06010
Tomasz Bloch C/o Mr. & Mrs. Edward Bloch	61 Lakeside Dr. Unit #46	Bristol	CT	06010
Albin & Elzbieta Kochanski	61 Lakeside Dr. Unit #47	Bristol	CT	06010
Krzysztof & Monika Kasjanski	61 Lakeside Dr. Unit #48	Bristol	CT	06010
William & Heide Erb	61 Lakeside Dr. Unit #49	Bristol	CT	06010
Orcutt & Ellen Carle	81 Lakeside Dr. Unit #85	Bristol	CT	06010
Gale Hatchett-Gipson	81 Lakeside Dr. Unit #86	Bristol	CT	06010
Barbara Sergio & Pamela B. Moran	81 Lakeside Dr. Unit #87	Bristol	CT	06010
Jamie Fournier	81 Lakeside Dr. Unit #88	Bristol	CT	06010
Michael & Bonnie Emery	81 Lakeside Dr. Unit #89	Bristol	CT	06010
Emily McCarthy	81 Lakeside Dr. Unit #90	Bristol	CT	06010
Stanley & Joan O'Donnell	81 Lakeside Dr. Unit #91	Bristol	CT	06010
Rick & Susan Guerrette	81 Lakeside Dr. Unit #92	Bristol	CT	06010
Darlene Guccione	81 Lakeside Dr. Unit #93	Bristol	CT	06010
Elizabeth Paradis	81 Peppermint Lane	Bristol	CT	06010
Kristen Snyder	101 Lakeside Dr. Unit #95	Bristol	CT	06010
Bank of America	7105 Corporate Drive	Plano	TX	75024
Michele Seals	111 Mather Street	Bristol	CT	06010
Laura Carnein	101 Lakeside Dr. Unit #98	Bristol	CT	06010
Mr. & Mrs. Richard Rhault	101 Lakeside Dr. Unit #99	Bristol	CT	06010
Joseph Sabato	101 Lakeside Dr. Unit #100	Bristol	CT	06010
June Case	101 Lakeside Dr. Unit #101	Bristol	CT	06010
Robert W. Caron, Jr. & Kimberly Milligan	101 Lakeside Dr. Unit #102	Bristol	CT	06010

April Bowman & Kenneth Dixon	124 Lakeside Dr. Unit #103	Bristol	CT	06010
Steven S. Ledesma	124 Lakeside Dr. Unit #104	Bristol	CT	06010
Nina & Robert Miller	22 Cliffmount Drive	Bloomfield	CT	06002
Denise Kubala & Jeff Maloney	124 Lakeside Dr. Unit #106	Bristol	CT	06010
Christopher & Rachel Varanelli	124 Lakeside Dr. Unit #107	Bristol	CT	06010
Adam & Justyna Daliga	124 Lakeside Dr. Unit #108	Bristol	CT	06010
Francoise Alshuk	124 Lakeside Dr. Unit #109	Bristol	CT	06010
Cheryl Genovese	124 Lakeside Dr. Unit #110	Bristol	CT	06010
Barbara Biel	124 Lakeside Dr. Unit #111	Bristol	CT	06010
Thomas Kelley	124 Lakeside Dr. Unit #112	Bristol	CT	06010

**Eversource 1810 Line Upgrade**  
**Project Unit Owners in Spring Lake Condo Abutters**

<b>Name</b>	<b>Street</b>	<b>Town</b>	<b>State</b>	<b>Zip Code</b>
Sophia Niebler	611 Overlook Path	Southington	CT	06489
Jean & Louiselle Lafontaine	612 Overlook Path	Southington	CT	06489
Barbara Konopka	613 Overlook Path	Southington	CT	06489
Rose Kupcho	614 Overlook Path	Southington	CT	06489
Marion Ohman	615 Overlook Path	Southington	CT	06489
Paul Emond	616 Overlook Path	Southington	CT	06489
Thomas & Evelyn Martin	617 Overlook Path	Southington	CT	06489
Donald Pierce	618 Overlook Path	Southington	CT	06489
Ernest & Virginia Freeman	621 Overlook Path	Southington	CT	06489
Melody Downie	622 Overlook Path	Southington	CT	06489
Doug & Elizabeth Gregory	622 Overlook Path	Southington	CT	06489
Ed & Tena Jennings	624 Overlook Path	Southington	CT	06489
Bruce And Leslie Cotton	625 Overlook Path	Southington	CT	06489
Barbara Naillis	651 Ledgeview Court	Southington	CT	06489
Nancy Andres	652 Ledgeview Court	Southington	CT	06489
Edith Moore	653 Ledgeview Court	Southington	CT	06489
Robert & Dorthy Dombrowski	654 Ledgeview Court	Southington	CT	06489
Joseph Kelleher Jr.	661 Ledgeview Court	Southington	CT	06489
Donald & Geraldine Roper	663 Ledgeview Court	Southington	CT	06489
Margaret Feest	664 Ledgeview Court	Southington	CT	06489
Jacquelyn Daley & William Dailey	662 Ledgeview Court	Southington	CT	06489
Bridie McClure	2A Hickory Hill	Southington	CT	06489
Mr. & Mrs. Arthur Rentz	4A Hickory Hill	Southington	CT	06489
Elsie Johnson	9C Hickory Hill	Southington	CT	06489
Mr. & Mrs. Winston Thompson	11C Hickory Hill	Southington	CT	06489
Mr. & Mrs. Gerald Rediker	14A Hickory Hill	Southington	CT	06489
Patricia Monahan	16A Hickory Hill	Southington	CT	06489
Natalie Richardson	23C Hickory Hill	Southington	CT	06489
Angelo Vella	21C Hickory Hill	Southington	CT	06489
Anne Gioello	26A Hickory Hill	Southington	CT	06489
Patricia Sturm	28A Hickory Hill	Southington	CT	06489
Peter Varall	35C Hickory Hill	Southington	CT	06489
Mr. & Mrs. Harvey Scheiner	33C Hickory Hill	Southington	CT	06489
Mr. & Mrs. Robert Wittneben	37 Hickory Hill	Southington	CT	06489
Gerry Vondaacke	38 Hickory Hill	Southington	CT	06489
Mr. & Mrs. Jack Corfiati	39 Hickory Hill	Southington	CT	06489
Margaret Bruscino	40 Hickory Hill	Southington	CT	06489
Onofrio Ranieri	41 Hickory Hill	Southington	CT	06489
Edna Salvatore	43 Hickory Hill	Southington	CT	06489
Mr. & Mrs. Phil Howard	44 Hickory Hill	Southington	CT	06489



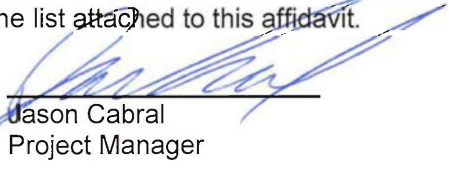
AFFIDAVIT OF SERVICE OF NOTICE

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

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

- Southington  
Garry Brumback, Southington Town Manager  
75 Main Street  
P. O. Box 610  
Southington, CT 06489
- Bristol  
Kenneth B. Cockayne, Mayor of Bristol  
Mayor's Office  
3rd Floor  
111 North Main St.  
Bristol, CT 06010

I also certify that I caused notice of the proposed modifications to be served by mail or courier upon 375 owners of abutting properties shown on the maps in Exhibit B to the Petition, including the owners of abutting condominium units at The Spring Lake Condominium and the South Mountain Condominium in Southington, as identified in the list attached to this affidavit.

  
\_\_\_\_\_  
Jason Cabral  
Project Manager

On this the 25 day of November, 2015, before me, the undersigned representative, personally appeared, Jason Cabral, 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: 2/28/2020