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**Kathleen M. Shanley**  
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Tel: (860) 728-4527

January 13, 2017

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

Re: West Brookfield Reliability 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") requesting a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to the 115-kV 1887 transmission line and to the West Brookfield Substation, in the Town of Brookfield, Connecticut ("Petition").

Prior to submitting this Petition, representatives from Eversource briefed municipal officials in Brookfield on the Project. 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 in Attachment A: West Brookfield Reliability Project- Environmental Resources Maps. 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,



Kathleen M. Shanley  
Manager – Transmission Siting

Attachment: Petition

cc: Steven C. Dunn, First Selectman, Town of Brookfield



**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 1887 LINE AND WEST  
BROOKFIELD SUBSTATION IN THE TOWN OF BROOKFIELD, 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 (described hererin) to West Brookfield Substation and the 115 kilovolt ("kV") 1887 transmission line within an existing right-of-way ("ROW") in the Town of Brookfield (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 the Project**

The purpose of the proposed Project is to eliminate transmission system thermal and voltage criteria violations in the Brookfield area that were documented in the results of the June 2014 Southwest Connecticut ("SWCT") 2022 Needs Assessment performed by the Independent System Operator of New England ("ISO-NE") and in subsequent analyses by Eversource. In planning simulations, N-1 and N-1-1 contingencies cause thermal overloads on a section of the 115-kV 1887 Line between West Brookfield Substation and West Brookfield Junction, both of which are located in the Town of Brookfield, as well as low voltage conditions at West Brookfield Substation. Without the transmission upgrades described below, the current 115-kV system in the Brookfield area is vulnerable to reliability problems, which could increase the risk of outages to customers under certain conditions. ISO-NE determined 2013, which has already passed, as the year of need for the Project.

The criteria violations will be addressed by increasing the conductor size of the 1887 Line along a 1.4-mile segment between West Brookfield Substation and West Brookfield Junction and adding two 14.4-Mvar capacitor banks at West Brookfield Substation.

Further detail as to the proposed scope is provided below.

### **3. Project Description**

The Project consists of two components: 1) reconductoring approximately 1.4 miles of the existing 115-kV 1887 Line from West Brookfield Substation, located on 7 Prange Road in Brookfield, to West Brookfield Junction located near Pocono Road in Brookfield and 2) installation of two 14.4-Mvar capacitor banks at West Brookfield Substation. The Project would be located entirely within Eversource's existing ROW or on Eversource property.

#### **1887 Line Modifications**

The proposed 115-kV 1887 Line modifications include the work components that are described below. These modifications are also shown on Attachment A: West Brookfield Reliability Project- Environmental Resources Maps and Attachment B: W. Brookfield Sub-West Brookfield Jct. 115kV Transmission Line- Existing/Proposed R.O.W Cross Sections STR. 2690.

- a) Replacement of an existing wood three-pole dead end structure (structure 2690) with a new three-pole direct embedded weathering steel structure. The height of the existing structure is approximately 57 feet above ground level. The new proposed structure height would be approximately 91 feet, 34 feet taller than the existing structure.

The height increase of the replacement structure 2690 allows for the permanent removal of structure 2689 (described below). This structure is located on the face of a steep cliff with a 25% grade. Maintenance on structure 2689 is difficult and presents many challenges and, due to this topology, structure 2689 is proposed to be removed as part of this reconductoring project.

Removal of an existing wood three-pole dead end structure (structure 2689) which, along with the increase in the height for structure 2690, will result in an increase in the span length between structures 2690 and 2688 and provide a safer condition for construction and maintenance work

- b) Removal of the existing 1887 Line 336-kcmil aluminum-conductor steel-reinforced cable ("ACSR") and the insulator and hardware from the existing structures between West Brookfield Substation and West Brookfield Junction.
- c) Removal of the existing shield wire from the existing structures between West Brookfield Substation and West Brookfield Junction
- d) Installation of new 115-kV line conductor 556-kcmil aluminum-conductor steel-supported ("ACSS") on the structures supporting the 1887 Line between West Brookfield Substation and West Brookfield Junction.
- e) Installation of optical ground wire ("OPGW") on the structures between West Brookfield Substation and West Brookfield Junction.
- f) Installation of X-brace reinforcements on existing wood H-frame structures (structures 2691 through 2696 and 2688) to accommodate the new conductor.
- g) Replacement of down guy cables and anchors on structure 2695.
- h) Installation of down guy insulator on structure 2696.
- i) Replace existing pole top cable tie with steel angle tie on structure 2689A

#### West Brookfield Substation Modifications

The existing West Brookfield Substation is a 115- to 13.8-kV substation that has two 115-kV transmission lines, two 115- to 13.8-kV transformers and six 13.8-kV distribution circuits. The proposed substation modifications are described below. The proposed modifications are shown on Attachment C: Drawing No.11801-92001 West Brookfield General Arrangement Plan & Sections

- a) Installation of two 115-kV 14.4-Mvar capacitor banks.
- b) Installation of two 115-kV pothead structures.
- c) Installation of fourteen (14) 115-kV lightning arresters.
- d) Installation of one 115-kV, 2000-A manual operated vertical break disconnect switch.

- e) Installation of one 115-kV, 2000-A 40-kA three phase circuit breaker.
- f) Installation of three air core current limiting reactors.
- g) Installation of two 115-kV rated resistive potential device.
- h) Installation of two 115-kV circuit switchers.
- i) Installation of three lightning masts with yard lights for the protection of new equipment. The height of the lightning masts would be 65 feet.
- j) Installation of foundation, grounding, underground conduits, bus supports, relay/controls and cables to accommodate the equipment listed above.
- j) Expansion of the existing substation yard by a maximum dimension of approximately 156 feet to the north and 185 feet to the east, as shown in Attachment C, to accommodate a new access road, the new capacitor banks and associated equipment. The expansion will be located on a parcel that Eversource recently acquired for this Project and into the maintained ROW on Eversource property.
- k) Installation of a retaining wall on portions of the northern and eastern sides of the new expanded substation yard. The heights of the retaining walls vary between approximately 5 and 8 feet. A new fence of similar height and appearance to the existing fence would be positioned on top of the retaining wall and along the expanded substation perimeter.

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

The proposed transmission line work and the substation modifications described above would not have a substantial adverse environmental effect, as explained more fully below. The line and substation upgrades would be constructed entirely within Eversource-owned properties, portion of which was recently acquired, and existing transmission line ROWs. Limited tree clearing within portions of the ROW and on Eversource fee-owned land would be required, as detailed in Section 5.

##### Existing Right-of-Way

The 1887 Lines share the transmission ROW with the existing 1618 115-kV transmission line. The existing structure types in the ROW vary and include double circuit wood H-frames structures, wood poles, galvanized and painted steel monopoles. The full width of this portion of the ROW is generally maintained and is characterized by low-growth

vegetation. The existing maintained ROW is generally 100 feet wide. No expansion of the existing ROW will be required and the line modification would take place entirely within the existing ROW.

#### Land Use

The Project is located along an existing transmission line corridor. There are no impacts to adjacent land uses from the Project. Land uses in the Project area are a mix of residential, commercial, and undeveloped lands. Though the Project would be traversing through some maintained lawns and gardens that are located 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.

The West Brookfield Substation would be expanding to the north and east on a parcel that Eversource recently acquired and into the maintained ROW on Eversource existing property.

#### Vegetation Maintenance

Some mowing and tree clearing would occur within the existing ROW between West Brookfield Substation and West Brookfield Junction to accommodate the expansion of the Substation, access road installation and improvements, work and pull pad installations. To maintain safe conductor clearances, selective hazard tree removal or trimming may occur along the existing ROW within the Project area.

#### *Clearing*

Approximately 0.7 acres of trees adjacent to West Brookfield Substation would be cleared to accommodate the permanent access road and the expanded Substation. Approximately 0.2 acres of trees adjacent to West Brookfield Junction would be cleared to accommodate a work/pull pad. All trees to be cleared are located on Eversource fee-owned land.

#### Scenic, Recreational and Cultural Resources

There are no designated scenic resources present within the Project area. Cadigan Park is located at 500 Candlewood Lake Road and is directly opposite Prange Road from West Brookfield Substation, but the park has no access from Prange Road. The park is situated on 14 acres and has baseball, football, soccer, and lacrosse fields. No direct effects to Cadigan Park are anticipated.

A review and assessment of known cultural (archeological and historical) resources was completed by Heritage Consultants, LLC ("Heritage") in June of 2015. No previously identified National Register of Historic Places properties were noted within 152 m (500 ft) of the project area. However, a single previously identified archaeological site (18-33) was noted within 152 m (500 ft) of West Brookfield Junction. Site 18-33 was identified and recorded by Archaeological and Historical Services, Inc., (AHS) in August of 2008 while completing Phase I cultural resources reconnaissance and Phase II National Register testing and evaluation for a then proposed Still River Greenway project.

The lack of depositional integrity of the site area led AHS, Inc., to assess Site 18-33 as not eligible for listing to the National Register of Historic Places due to a lack of research potential, but portions of the site may lie within or adjacent to the West Brookfield Substation to West Brookfield Junction Line.

In addition to identifying known cultural resources, the review by Heritage also identified areas of moderate to high potential for archeological sensitivity within the Project area. These occur in the vicinity of wetlands W1, W2 and W3 and between structures 2694 and 2690. However, Heritage advised Eversource that if the moderate/high sensitivity areas noted above cannot be avoided during construction, matting or some other protective measures should be used during construction to avoid ground disturbance in these areas. Work within these area is limited to accessing the structures for aerial work. As such, temporary matting will be used to protect potentially culturally sensitive areas.

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

Eversource contracted with the firm BSC Group ("BSC") to identify and delineate wetlands, watercourses, and vernal pools within the Project area, which occurred in spring and summer of 2015. Water resources in the vicinity of the Project Area include



various wetlands and watercourses (intermittent and perennial streams) along the Project route as shown on Attachment A. Eversource would cross three unnamed watercourses (identified as streams S1, S2 and S4 in Attachment A), using stream-crossing techniques as detailed in the Company's *December 2016 Best Management Practices Manual for Massachusetts and Connecticut* ("BMPs").

#### *Wetlands*

Wetlands within the Project area were identified and delineated during April and May 2015. Project wetlands are predominantly characterized by seasonally saturated hillside seepage wetlands and riparian corridors that typically lack suitable vernal pool hydrology and morphology (seasonally flooded wetland depressions). The Project would result in some temporary impacts to wetlands. Temporary wetlands impacts would be limited to approximately 22,000 square feet and would involve the use of construction mats. The placement of construction mats in wetlands is needed to facilitate access to the existing structure locations, as shown in Attachment A. All construction mats would be removed upon completion of construction and wetlands would generally be restored in accordance with Eversource's BMPs.

#### *FEMA Flood Zones*

The 1887 Line crosses three separate watercourses with Federal Emergency Management Agency ("FEMA") associated 500-year floodplains and two watercourses with 100-year floodplains, which are depicted in Attachment A. The first 500-year floodplain is associated with watercourse S1, just east of West Brookfield Substation. The second 500-year floodplain is associated with watercourse S4 east of U.S. Route 7. The third 500-year floodplain is associated with the Still River (watercourse S6) between Federal Road (U.S. Route 202) and Pocono Road.

The first 100-year floodplain within the ROW is associated with the impoundment to the west of State Route 7. There is also a FEMA floodway within the impoundment. The second floodplain is associated with the Still River between Federal Road and Pocono

Road in the vicinity of West Brookfield Junction. There is also FEMA floodway associated with Still River that extends to just above the top of the river banks.

Two existing structures (structures 2682 and 2688 shown in Attachment A) are located within a 100-year flood zone. Structure 2683 is located within the 500-year flood zone. Structures 2682 and 2683 are not proposed to be modified; however X-bracing reinforcement is proposed for structure 2688. The Project would utilize construction mats and existing access roads in the 100-year flood zone to ensure hydrology is not affected. All construction mats will be secured during construction and will be removed after the Project is complete. Areas of disturbance will be promptly stabilized in order to minimize the potential for soil erosion and sedimentation of nearby resource areas. No permanent fill is proposed within any 100-year flood zone.

#### *Vernal Pools*

Project wetland areas were reviewed for potential vernal pool habitat during April and May 2015. No vernal pools or potential vernal pools were identified within or adjacent the Project area. A few of the delineated wetland areas are characterized as depressional features, and no areas possessing suitable vernal pool hydrology, or bearing evidence of such hydrology, were identified.

#### Public Water Supply

Based on the data maintained by Connecticut Department of Energy and Environmental Protection ("CT DEEP"), the Project is not located within any aquifer protection areas. In addition, no public supply reservoirs or public/private water supply wells are located within the vicinity of the Project area.

#### Wildlife and Habitat Areas

The project would not have a substantial adverse environmental effect to wildlife and habitat. Eversource reviewed the CT DEEP's Natural Diversity Data Base ("NDDB") and identified state-listed endangered, threatened, or special concern species in the vicinity of work activities. According to a data sharing agreement with the CT DEEP,

Eversource is unable to publically identify any identified protected species; however, no portions of the proposed Project fall within CT DEEP mapped critical habitat areas.

Eversource has consulted with the CT DEEP Wildlife Division and recommended protection measures for the identified species within the Project area to the agency and will adhere to any further recommendations made by CT DEEP. These recommendations would be incorporated into Eversource's BMPs relative to the listed species. In addition to coordinating with the NDDb for state-listed species, Eversource is consulting with the CT DEEP and with the U.S. Fish and Wildlife Service ("USFWS") regarding one federally-listed species with potential habitat designated throughout the State of Connecticut. Eversource would continue to consult with these agencies to ensure that measures are undertaken to minimize the Project's potential impact to these species.

#### Sound Levels at the Substations and Along Transmission ROWs

There would be no changes to the existing sound levels along the existing transmission corridor and at West Brookfield Substation after completion of the Project.

#### Lighting

West Brookfield Substation has existing low-level lighting for safety and security purposes. Additional low-level lighting would be added in the expanded area, in the vicinity of the new equipment installations. Additional lighting may also be installed to allow for work at night or under emergency conditions.

#### Radio and Television Interference

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

### Visual Effects

Portions of the Project associated with the expansion of West Brookfield Substation and within the ROW near West Brookfield Junction would involve some clearing/tree removal for pull pads, and expansion of the Substation, all on Eversource owned property.

The overall visual effect of the Project would be mitigated by aligning the new structure within the existing corridor in the same general location, to the extent possible, as the existing structures. As previously stated, the height of structure 2690 would increase by 34 feet to facilitate the permanent removal of structure 2689. However, due to the limited views of this structure from surrounding areas, there would be a limited visual impact from the structure height increase.

At West Brookfield Substation, the fence line would be extended to the north and east within Eversource property to accommodate the installation of the new equipment.

The new equipment to be installed at West Brookfield Substation would be similar in appearance to existing equipment and the heights of the new equipment would not cause significant or adverse changes in the physical or environmental characteristics of the substation.

## **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 BMPs. The Project would also adhere to the conditions in federal and state permits obtained for the Project.

During construction, the other existing transmission line structures not subject of this petition would be evaluated to ensure that their structural integrity complies with Eversource's storm hardening requirements. If the structures do not comply with those requirements, any non-compliant structure components, such as damaged/overstressed structure members (e.g., angle braces, davit arms, cross braces), conductor and shield wire hardware, or a structure (if necessary) would be replaced during the Project.

The Project would utilize public roads for construction vehicle access into the ROW and delivery of materials and equipment. However, construction related traffic will be temporary and highly localized in the vicinity of the ROW and West Brookfield Substation. Due to phasing of the construction work, these construction-related traffic movements are not expected to significantly affect transportation patterns or levels of service on public roads.

Construction vehicles and equipment associated with either the overhead transmission line and substation work would include pickup trucks, bucket trucks, concrete trucks, drill rigs, front loaders, reel trailers, bulldozers, pullers, tensioners, wood chippers, cranes, forklifts, side booms and dump trucks.

To safely move construction vehicles and equipment onto and off the ROW while minimizing disruptions to vehicular traffic along public roads, Eversource or its construction contractor would work with municipalities or the Connecticut Department of Transportation ("ConnDOT"), as appropriate, to address traffic concerns. 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.

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

The construction sequence would generally follow the activities described below:

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

The ROW is currently maintained in accordance with Eversource's ROW vegetation management program; however, to maintain minimum clearances between transmission line and woody vegetation, trees that could interfere with the operation of the overhead transmission lines would be removed. Some vegetation removal would be required for the expansion of West Brookfield Substation and within construction areas, including access roads and work/pull pad areas.

Clearing would be accomplished using mechanical methods and typically requires the use of flatbed trucks, brush hogs or other types of mowing equipment, skidders,

forwarders, bucket trucks for canopy trimming, feller bunchers for mechanical tree cutting, wood chippers, log trucks, and chip vans. Eversource would conduct vegetation removal activities in accordance with its BMPs and applicable permit requirements.

During vegetation removal, construction mats may be used to provide a stable base for clearing equipment across watercourses or within wetlands. Such temporary support would minimize rutting in wetlands, and mats would be removed after the clearing activities are completed.

Eversource would require the contractor to use low-impact tree clearing methods to remove forested vegetation to protect wetlands, watercourses, threatened and endangered species and their habitats, and any identified cultural resource areas. Low-impact tree clearing incorporates a variety of approaches, techniques, and equipment to minimize site disturbance. Eversource would require the clearing contractor to use some or all of the following low-impact tree clearing methods, depending on site-specific considerations:

- Take into consideration soil and weather conditions when scheduling vegetation removal activities, such as during or after heavy rainfall.
- Fell trees directionally (parallel to and within the ROW) to minimize impacts to residual vegetation, where practical.
- Use appropriate tree clearing equipment for the site conditions to minimize impacts to the extent practicable.
- Cut trees close to the ground, leaving root systems and stumps, where practical, to provide additional soil stability.
- Stockpile cut timber and brush only in uplands.

#### Soil Erosion and Sediment Control Installation

Construction of the Project would conform to best management practices for erosion and sediment ("E&S") control, including those provided in the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* and the BMPs.

Typical E&S control measures include, but are not limited to, straw blankets, hay bales, silt fencing, check dams, berms, swales, and sediment basins. Silt fence would be installed prior to construction to demarcate the line of construction and prevent migration of sediment or construction materials into wetlands and watercourses. Temporary E&S control measures would be maintained and inspected throughout the Project to ensure their integrity and effectiveness. Following the completion of construction, seeding and mulching would be used 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.

#### Staging Areas

A staging area of approximately 2 acres in size would be determined by the construction contractor to support the 1887 Line modifications. The staging area would be used to store construction materials, equipment, tools, and supplies (including conductors, insulators, hardware, poles and construction mats) for the Project. Office trailers may be located at a staging area, and components removed during the work (conductor, hardware and insulators) may be temporarily accumulated and stored at a staging area prior to off-site removal and/or disposal. The staging area may also be used by construction crew members for parking personal vehicles as well as for construction vehicles and equipment storage, and for performing minor maintenance, when needed, on construction equipment. E&S controls would be installed and maintained until Project completion in accordance with Eversource's BMPs.

#### Access Roads and Work Pads

At West Brookfield Substation a new access road within the general footprint of an existing driveway on property that Eversource recently acquired, would be created to facilitate the substation expansion and installation of the new equipment as illustrated in Attachment A. The existing paved driveway will be removed and the new paved access drive installed. Disturbed areas adjacent to the new drive will be re-graded and allowed to re-vegetate wherever possible.

Access to each transmission structure location is required for the reconductoring work. As a result of the operation and maintenance of the existing transmission lines within this corridor most access roads are already established; however, spurs to provide passage from existing access roads to the proposed work pad locations would need to be created, as well as some additional new off-ROW access roads. Existing access roads may need to be graded, widened, and/or reinforced with additional material in order to be used safely and effectively during construction. Access road improvements typically include clearing adjacent vegetation and widening roads as needed to provide a travel surface that is approximately 16 feet wide (additional width may be needed at turning or passing locations). Access roads would typically be graveled; however, where access roads traverse streams or wetlands, construction mats would be used. E&S controls would be installed, as necessary, before the commencement of any improvements to access roads.

At some of the transmission line structure sites, work pads are required to provide a safe, level work base for the construction equipment, to stage material for final on-site assembly and to facilitate conductor pulling activities. Typical work/pull pads would be approximately 100 by 100 feet.

The preliminary location and configuration of the work pads, as determined based on the environmental field studies and constructability reviews, are shown on Attachment A.

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) removal of 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, unless removed for disposal, as appropriate. 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.

New gravel work pads in uplands would be left in place to facilitate transmission line maintenance, unless requested to be removed by the property owner.



### Foundation Installations

Excavation (augering) for installation of direct buried foundations would use mechanical excavators, drill rigs and pneumatic hammers. Dump trucks would be used to remove excess material and bring in backfill, as needed. In wet conditions or if groundwater is encountered during excavation, pumping (vacuum) trucks or other suitable equipment would be used to pump water from the excavated areas. The water then would be discharged in accordance with applicable local, state and federal requirements.

### Structure Assembly/Installation and modifications

Structure sections and associated hardware for structure 2690 and cross-bracing and down guy materials for structures 2691 through 2696, 2688 and 2689A would be delivered using a truck and/or tractor trailer and would be stored at the staging area until removed to the structure sites. Sections of structure 2690 would be assembled and installed with a crane. Insulators and connecting hardware would be installed on the structure at this time. Cross-bracing and the steel angle tie would be installed with a bucket truck. Guying work on structures 2695 and 2696 would also utilize a backhoe or mini-excavator.

### Conductor Installation

Installation of overhead line conductors and OPGW would require the use of special pulling and tensioning equipment. This equipment would be positioned at pre-determined work/pull pads which have been identified in the maps provided in Attachment A. Helicopters may be used to install the initial pulling lines at the commencement of the conductor/shield wire pulling process.

### Structure Dismantling and Removal

Following the construction of new structure 2690 and reconductoring of the line, the two existing structures (2689 and 2690) will be dismantled and removed from the ROW. The existing foundations would be cut to ground level.

### Restoration

Restoration activities would include the removal of construction debris, signs, flagging, and fencing, as well as the removal of some of the work pads. Structure work pads in uplands would be left in place, unless directed to be removed by the landowner. Disturbed areas would be re-graded, as practical, and stabilized using re-vegetation or other measures before removing temporary E&S controls.

#### Waste Management

After removal, the existing structures, conductor and associated equipment, the 115-kV electrical accessories and decommissioned structure components (i.e., wood structures, conductor, associated hardware, concrete, etc.) and any other construction debris would be disposed of in accordance with Eversource's BMPs, applicable regulations and disposal facility policies and metal structure components would be recycled as metal consistent with applicable governmental rules and regulations.

#### Noise

During construction, any impacts to existing noise levels would be short-term and localized in the vicinity of the work sites.

There would be no permanent changes to the noise levels along the transmission ROW or at the West Brookfield Substation from the proposed modifications as part of the Project.

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

The changes to the electric and magnetic fields ("EMF") along the ROW resulting from the line modifications would be negligible. This is illustrated in figures 1 and 2 below:

Figure 1 Calculated Magnetic Fields

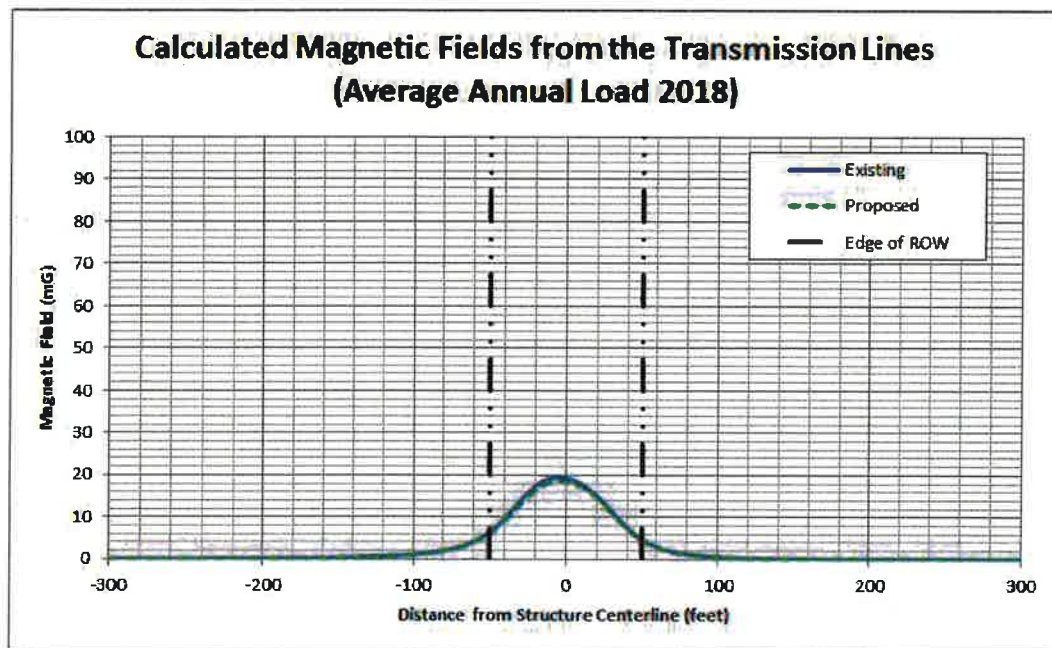
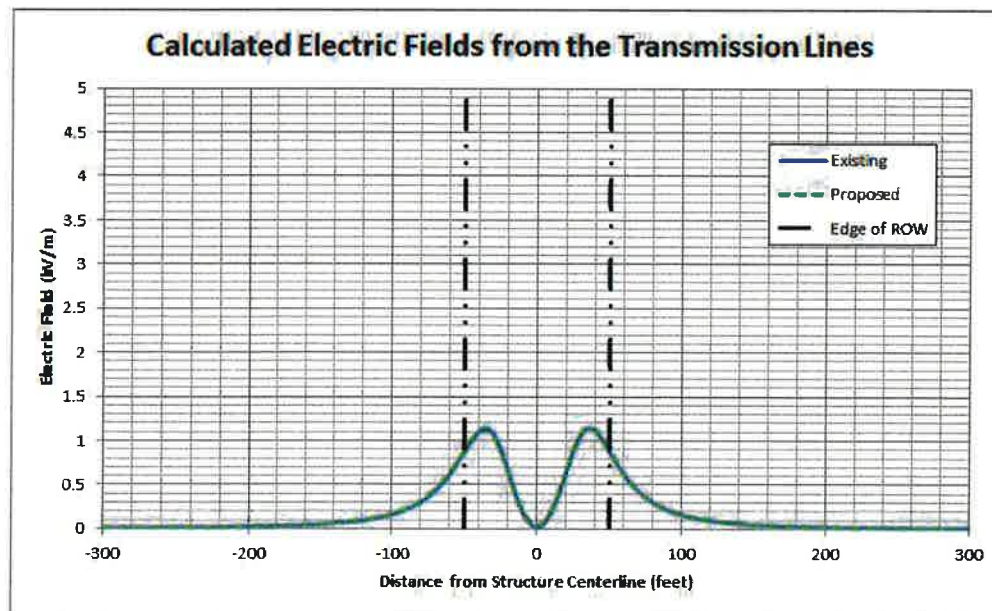


Figure 2 Calculated Electric Field



EMF resulting from the modifications at West Brookfield Substation would be within the fenced area. EMF beyond the Substation property would be dominated by the

transmission and distribution lines entering and exiting the substation, and would not significantly change from the current levels.

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

On March 8, 2016, Eversource consulted with the municipal officials in the Town of Brookfield to brief them on the proposed Project. During the meeting, the municipal officials were informed of Eversource performing outreach to property owners in advance of this Petition filing. Eversource also provided representatives of the Town of Brookfield with written notice of the Petition filing.

In April 2016, Eversource initiated outreach to property owners located along the route. Meetings with property owners continued through June 2016. During each meeting with these property owners, Eversource explained the scope of the proposed work including select vegetation removal, the location of transmission facilities, access roads, and work pads (where applicable), construction schedule, and, in some instances, the need to temporarily move or remove a shed or fence for construction access.

Eversource received feedback from a few property owners regarding concerns with proposed access road and work pad locations. As a result of these consultations, Eversource was able to modify its proposed construction means and methods in these particular areas to reduce impacts. These modifications were shared with the property owners and they were appreciative of the proactive communications and efforts to reduce impacts.

Eversource will continue proactive outreach to impacted property owners throughout siting, construction, and restoration of the Project.

## **8. Construction schedule and hours**

Eversource proposes to begin substation construction in spring of 2017 and transmission line construction in spring of 2018. Completion of the project is anticipated by fall of 2018. Normal working hours would be Monday through Saturday from 7:00 AM

to 7:00 PM. Sunday working hours may be required during transmission line outages. Multiple crews may work concurrently on different sections of the line.

## **9. Conclusion**

Eversource respectfully submits that the Project would not have a “substantial adverse environmental effect” and, therefore, does not require a certificate of environmental compatibility and public need pursuant to Conn. Gen. Stat. § 16-50k(a). In summary:

- The proposed transmission structure replacement, line work and substation modifications would be constructed entirely within Eversource’s existing ROW or on Eversource property.
- Clearing undertaken in accordance with the Company’s BMPs, is not anticipated to have an adverse impact on the habitat of the state-listed species or result in significant visual impact.
- Temporary matting or fabric and fill will be used to access work areas in areas of moderate to high potential for archeological sensitivity during construction to avoid ground disturbance in these areas.
- Temporary wetland impacts of approximately 22,000 square feet would be limited to the use of temporary construction mats located within the maintained ROW.
- Electric and magnetic field levels along the ROW resulting from the line modifications would be negligible.

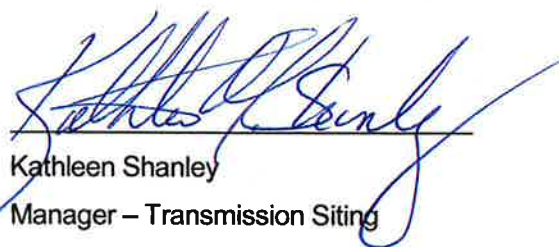
**10.** Section 16-50k(a) of the Connecticut General Statutes provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a “substantial adverse environmental effect.” Based on the above information presented in this Petition, Eversource respectfully submits that the proposed modifications would not result in a substantial adverse effect on the environment or ecology, nor would they damage existing scenic, historical or recreational values. Accordingly, Eversource requests that the Council

issue a declaratory ruling that the proposed modifications would have no substantial adverse environmental effect and, therefore, no Certificate is required.

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

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

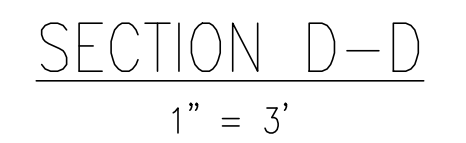
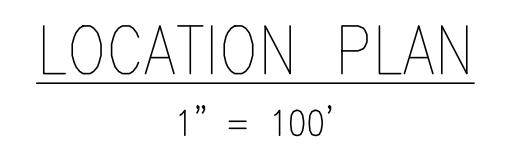
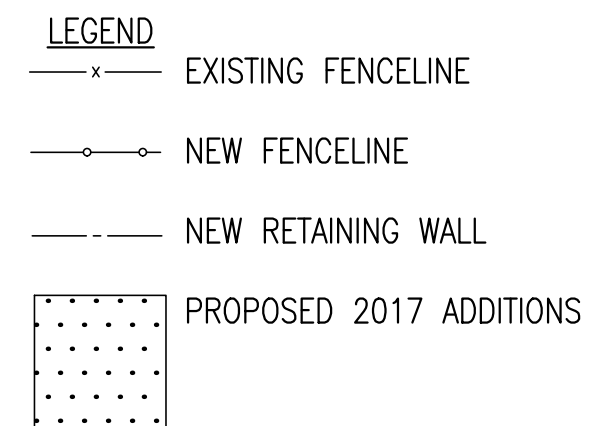
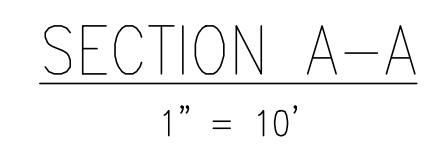
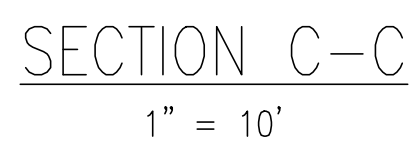
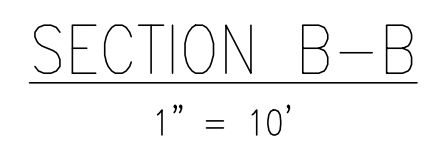
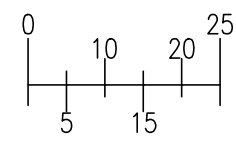
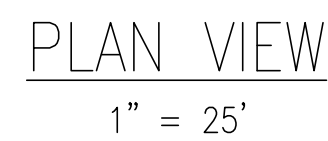
By:



Kathleen Shanley  
Manager – Transmission Siting

**List of Attachments**

- Attachment A: West Brookfield Reliability Project- Environmental Resources Maps
- Attachment B: W. Brookfield Sub-West Brookfield Jct. 115kV Transmission Line- Existing/Proposed R.O.W Cross Sections STR. 2690
- Attachment C: Drawing No.11801-92001 West Brookfield General Arrangement Plan & Sections
- Attachment D: Letter to the Abutters and Affidavit



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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:

- Steven Dunn, First Selectman  
100 Pocono Road  
Brookfield, CT 06804

I also certify that I caused notice of the proposed modifications to be served by mail or courier upon 60 owners of abutting properties shown on the maps in Attachment A to the Petition.

  
\_\_\_\_\_  
David Coleman  
Project Manager

On this the 16<sup>th</sup> day of January, 2017, before me, the undersigned representative, personally appeared, David Coleman, 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:



January 9, 2017

Dear Neighbor,

As part of its ongoing commitment to deliver reliable energy and superior service to its customers, Eversource Energy ("Eversource") is submitting a petition to the Connecticut Siting Council ("CSC") to secure approval for a proposed transmission line upgrade in your area.

The upgrade, called the West Brookfield Reliability Project ("Project"), is designed to bring the electric supply system serving the towns in southwestern Connecticut into compliance with current national and regional reliability standards. The Project will also provide greater flexibility in operating the power grid, thereby improving Eversource's ability to more reliably meet its customer's electric needs in the area.

The proposed Project would be located entirely on Eversource property or within Eversource's existing right-of-way in Brookfield, which runs between the West Brookfield Substation on Prange Road north to West Brookfield Junction near Pocono Road. The Project proposes to replace 1.4 miles of existing 115-kV transmission line, as well as two existing transmission structures carrying the line.

The proposed Project will include the expansion of the West Brookfield Substation's existing fence line by approximately 156 feet to the north and 185 feet to the east to accommodate a new access road and the installation of new equipment. The expansion will also include the installation of retaining walls, ranging between 5 and 8 feet in height on the northern and eastern sides of the new expanded substation yard. A new fence of similar height and appearance to the existing fence would be positioned on top of the retaining walls and along the expanded substation perimeter.

Pending CSC approval of this proposed work, construction is expected to begin at the Substation in spring of 2017 followed by the transmission line work in early 2018. Completion of the proposed Project and restoration of any affected areas is anticipated by fall of 2018.

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

If you would like to send comments 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

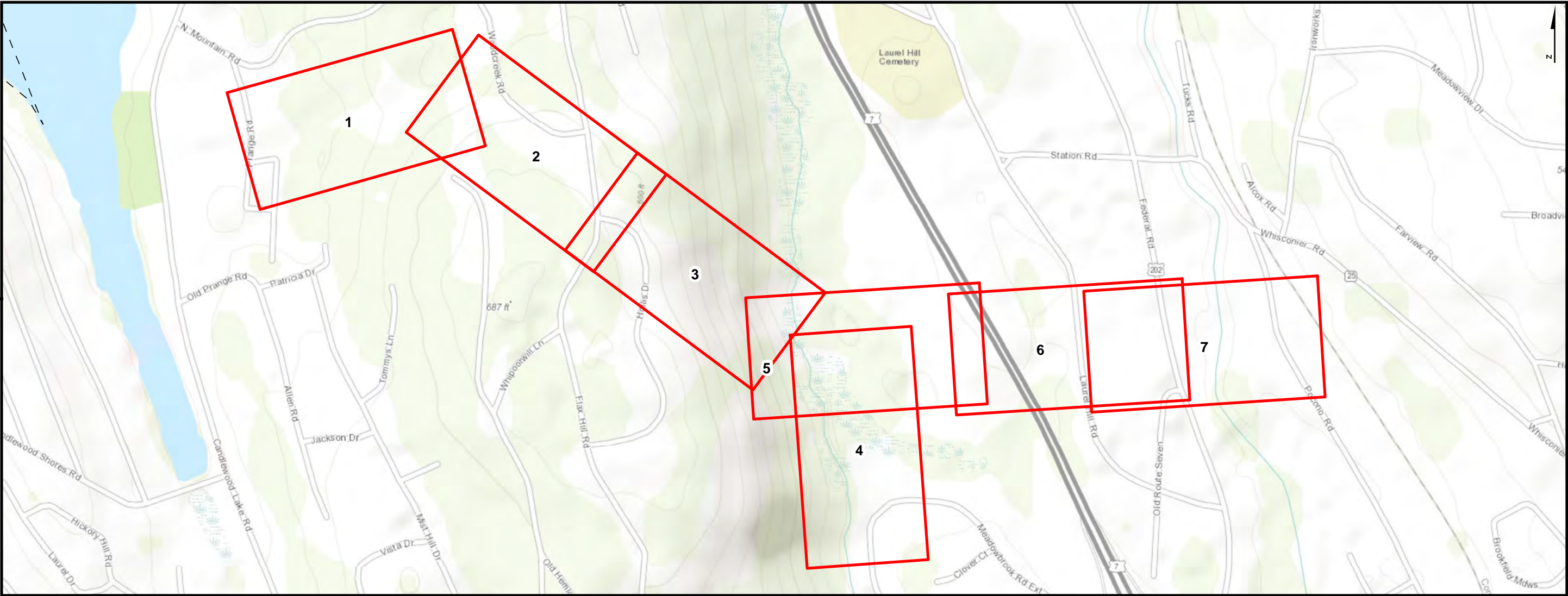
Thank you.

Sincerely,

David L. Coleman  
Manager - Transmission Projects

**WEST BROOKFIELD RELIABILITY PROJECT**

Brookfield, CT  
Environmental Resources Maps  
January 13, 2017



PREPARED FOR:

**EVERSOURCE**

107 Selden Street  
Berlin, CT 06037

INDEX OF FIGURES

- T1 - TITLE SHEET
- 1-7 - MAP SHEET
- 1A-7A - LINE LIST INFORMATION

ISSUED FOR PERMITTING  
NOT CONSTRUCTION

PREPARED BY:

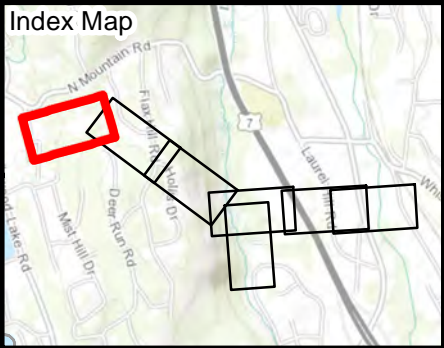
**BSC GROUP**

33 Waldo Street  
Worcester, MA 01608

## West Brookfield Reliability Project Line List Information

Line List	Owner Name	Site Address	Town	State
100	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	85 PRANGE ROAD	BROOKFIELD	CT
100.01	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	83 PRANGE RD	BROOKFIELD	CT
101	WOOD CREEK VILLAGE CONDOS (24 UNITS - SEE INDIVIDUAL UNIT LISTING)	35-81 PRANGE ROAD	BROOKFIELD	CT
102	CRISTAL LLC	61 NORTH MOUNTAIN ROAD	BROOKFIELD	CT
103	ASHOK & SATPATHY SASMITA PANIGRAPHI	57 NORTH MOUNTAIN ROAD	BROOKFIELD	CT
104	JOSEPH G. & JESSICA S. SALVATO	53 NORTH MOUNTAIN ROAD	BROOKFIELD	CT
105	JANE B & JERRY M. BRISTOL	51 NORTH MOUNTAIN ROAD	BROOKFIELD	CT
106	EDWARD L. BRIGGS	12 WOOD CREEK ROAD	BROOKFIELD	CT
107	JOSE A. & MARIA M. VELOSO	10 WOOD CREEK ROAD	BROOKFIELD	CT
107.01	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	8A WOOD CREEK RD	BROOKFIELD	CT
108	ROLAND A. & JUNE M SHUTZ	10 TOMMY'S LANE	BROOKFIELD	CT
109	FIRST FLIGHT HYDRO GENERATING COMPANY	430 CANDLE LAKE ROAD	BROOKFIELD	CT
110	KENNETH MICHAEL & DIANE VERONICA DRUCE	8 WOOD CREEK ROAD	BROOKFIELD	CT
500.01	PRANGE RD		BROOKFIELD	CT
502	GREGORY J. & JULIANNE VAN ANTWERP	87 PRANGE RD	BROOKFIELD	CT
503	WILLIAM J DAVISON III	89 PRANGE RD	BROOKFIELD	CT
504	PETER & JESSICA TOMAINO	67 NORTH MOUNTAIN RD	BROOKFIELD	CT





**Legend**

● Existing 321 Structures	Swamp Mat	Parcels	Approx Limit of Disturbance/Tree Clearing
<b>Line 1887 Structures</b>	Work Pad/Pull Pad	LL#100 Line List Label	Guard Structure
● Existing	Approx ROW Limits	Natural Diversity Area	Proposed Fenceline
● Proposed	Fenceline	Streams	Existing Fenceline
● To be Removed	Culvert	FEMA Floodway	Proposed Expansion Detail
● To be X-braced	Field Delineated Wetland Line	FEMA 100yr Floodplain	Proposed Retaining Wall
Existing Preferred Access Road	Field Delineated Wetlands	FEMA 500yr Floodplain	
New Permanent Access Road	Field Delineated Stream	Town Boundaries	
New Temporary Access Road	Eversource Property	Stonewall	
New Temporary Alternate Access Road		Access Gate	

1 inch = 100 feet  
0 100 200 Feet

Source: -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

**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
Page 1 of 7

**EVERSOURCE**

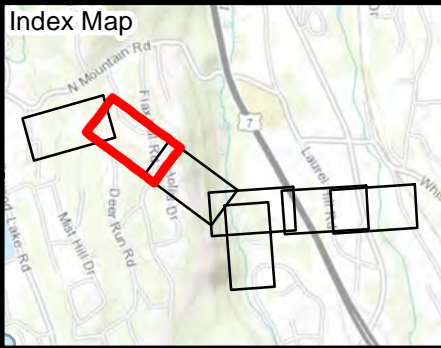
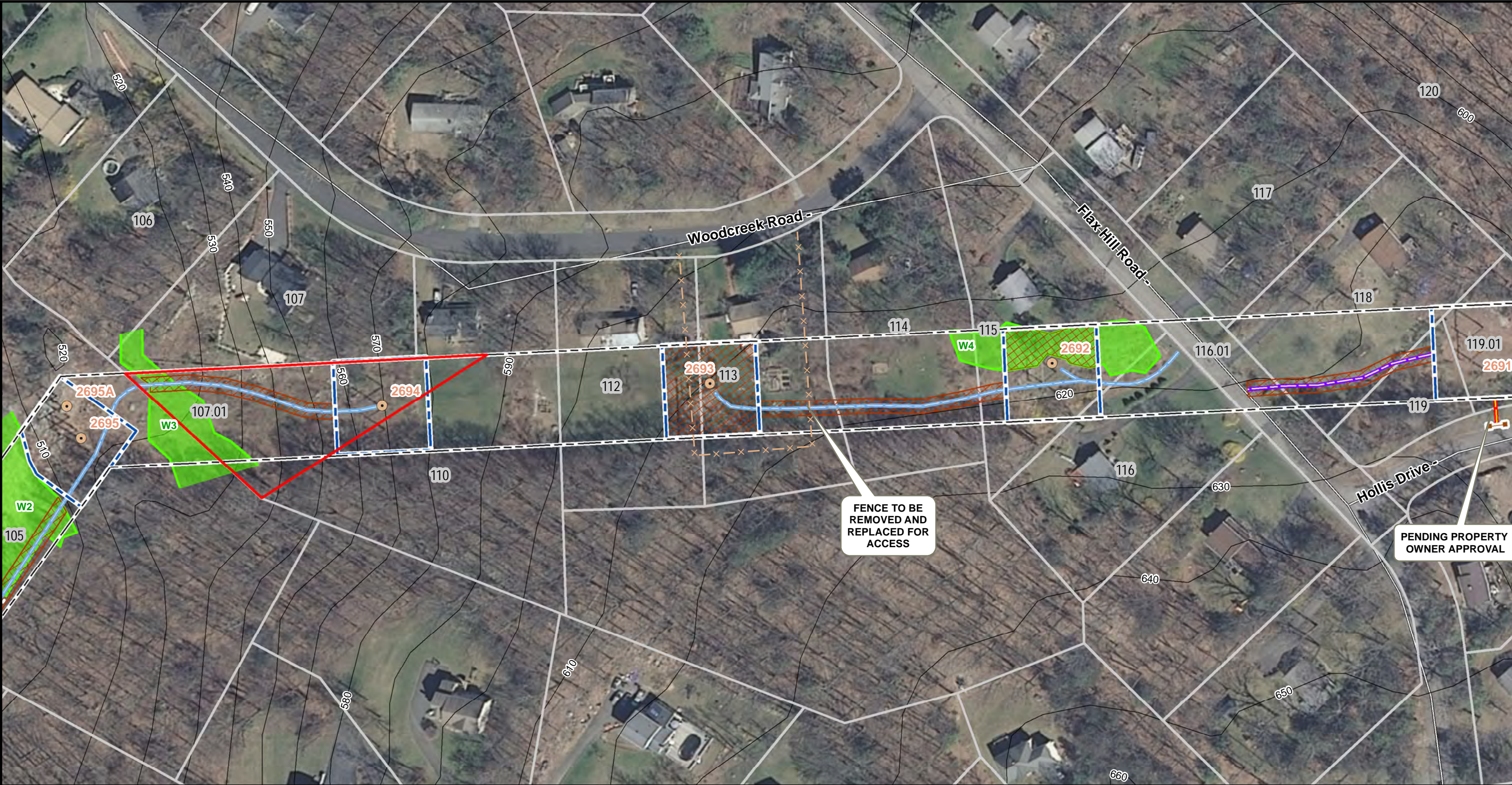
**BSC GROUP**



**West Brookfield Reliability Project**  
**Line List Information**

Line List	Owner Name	Site Address	Town	State
105	JANE B & JERRY M. BRISTOL	51 NORTH MOUNTAIN ROAD	BROOKFIELD	CT
106	EDWARD L. BRIGGS	12 WOOD CREEK ROAD	BROOKFIELD	CT
107	JOSE A. & MARIA M. VELOSO	10 WOOD CREEK ROAD	BROOKFIELD	CT
107.01	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	8A WOOD CREEK RD	BROOKFIELD	CT
110	KENNETH MICHAEL & DIANE VERONICA DRUCE	8 WOOD CREEK ROAD	BROOKFIELD	CT
112	SHONNY L. & JOSEPH A. CAPODILUPO	6 WOOD CREEK ROAD	BROOKFIELD	CT
113	THOMAS & STACEY A SMITH	4 WOOD CREEK ROAD	BROOKFIELD	CT
114	CAROLINA E GAVILANEZ BUENANO	2 WOOD CREEK ROAD	BROOKFIELD	CT
115	BRENT A CROZIER & ANNETTE TRYON-COZIER	20 FLAX HILL ROAD	BROOKFIELD	CT
116	SANDRA ROURKE	22 FLAX HILL ROAD	BROOKFIELD	CT
116.01	FLAX HILL ROAD		BROOKFIELD	CT
117	WALTER & KAREN SALLSTROM	23 FLAX HILL ROAD	BROOKFIELD	CT
118	SHEILA HARRIS	25 FLAX HILL ROAD	BROOKFIELD	CT
119	ANA PAULA ARAUJO & KENEDY KELLEY MARIANO	23 HOLLIS DRIVE	BROOKFIELD	CT
119.01	ABDULRAHMAN GAMAL M & HUBDAR ASHGAN	21 HOLLIS DR	BROOKFIELD	CT
120	TOWN OF BROOKFIELD KONECKO	76A LAUREL HILL ROAD	BROOKFIELD	CT





**Legend**

**Existing 321 Structures**

- Existing
- Proposed
- To be Removed
- To be X-braced

**Line 1887 Structures**

- Existing Preferred Access Road
- New Permanent Access Road
- New Temporary Access Road
- New Temporary Alternate Access Road

- Swamp Mat
- Work Pad/Pull Pad
- Approx ROW Limits
- Fenceline
- Culvert
- Field Delineated Wetland Line
- Field Delineated Wetlands
- Field Delineated Stream
- Eversource Property

- Parcels
- LL#100 Line List Label
- Natural Diversity Area
- Streams
- FEMA Floodway
- FEMA 100yr Floodplain
- FEMA 500yr Floodplain
- Town Boundaries
- Stonewall
- Access Gate

- Approx Limit of Disturbance/Tree Clearing
- Guard Structure
- Proposed Fenceline
- Existing Fenceline
- Proposed Expansion Detail
- Proposed Retaining Wall

Source:  
-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

1 inch = 100 feet

0 100 200 Feet

**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
Page 2 of 7

**EVERSOURCE**

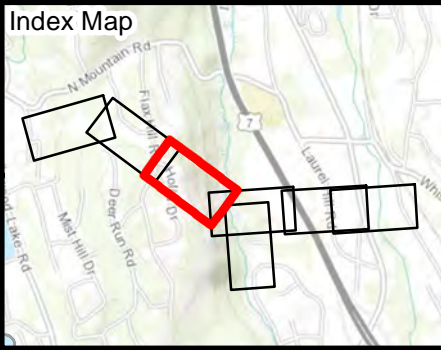
**BSC GROUP**



West Brookfield Reliability Project  
Line List Information

Line List	Owner Name	Site Address	Town	State
116.01	FLAX HILL ROAD		BROOKFIELD	CT
117	WALTER & KAREN SALLSTROM	23 FLAX HILL ROAD	BROOKFIELD	CT
118	SHEILA HARRIS	25 FLAX HILL ROAD	BROOKFIELD	CT
119	ANA PAULA ARAUJO & KENEDY KELLEY MARIANO	23 HOLLIS DRIVE	BROOKFIELD	CT
119.01	ABDULRAHMAN GAMAL M & HUBDAR ASHGAN	21 HOLLIS DR	BROOKFIELD	CT
120	TOWN OF BROOKFIELD KONECKO	76A LAUREL HILL ROAD	BROOKFIELD	CT
121	ROBERT J & SANTIAGO AYDELY TAIMAN	19 HOLLIS DRIVE	BROOKFIELD	CT
122	CONNECTICUT STATE OF (DOT)	98 LAUREL HILL ROAD	BROOKFIELD	CT
123	HEMLOCK RIDGE	HOLLIS DRIVE	BROOKFIELD	CT





**Legend**

**Line 1887 Structures**

- Existing 321 Structures
- Existing
- Proposed
- To be Removed
- To be X-braced
- Existing Preferred Access Road
- New Permanent Access Road
- New Temporary Access Road
- New Temporary Alternate Access Road

- Swamp Mat
- Work Pad/Pull Pad
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- FEMA 500yr Floodplain
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- Access Gate

- Approx Limit of Disturbance/Tree Clearing
- Guard Structure
- Proposed Fenceline
- Existing Fenceline
- Proposed Expansion Detail
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Source:  
-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

1 inch = 100 feet

0 100 200 Feet

N

**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

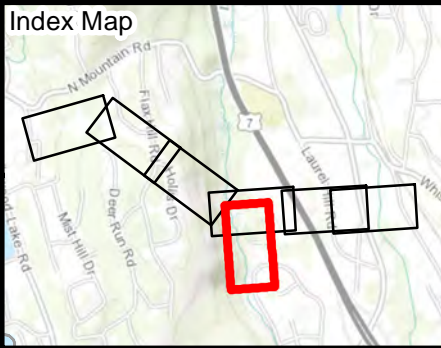
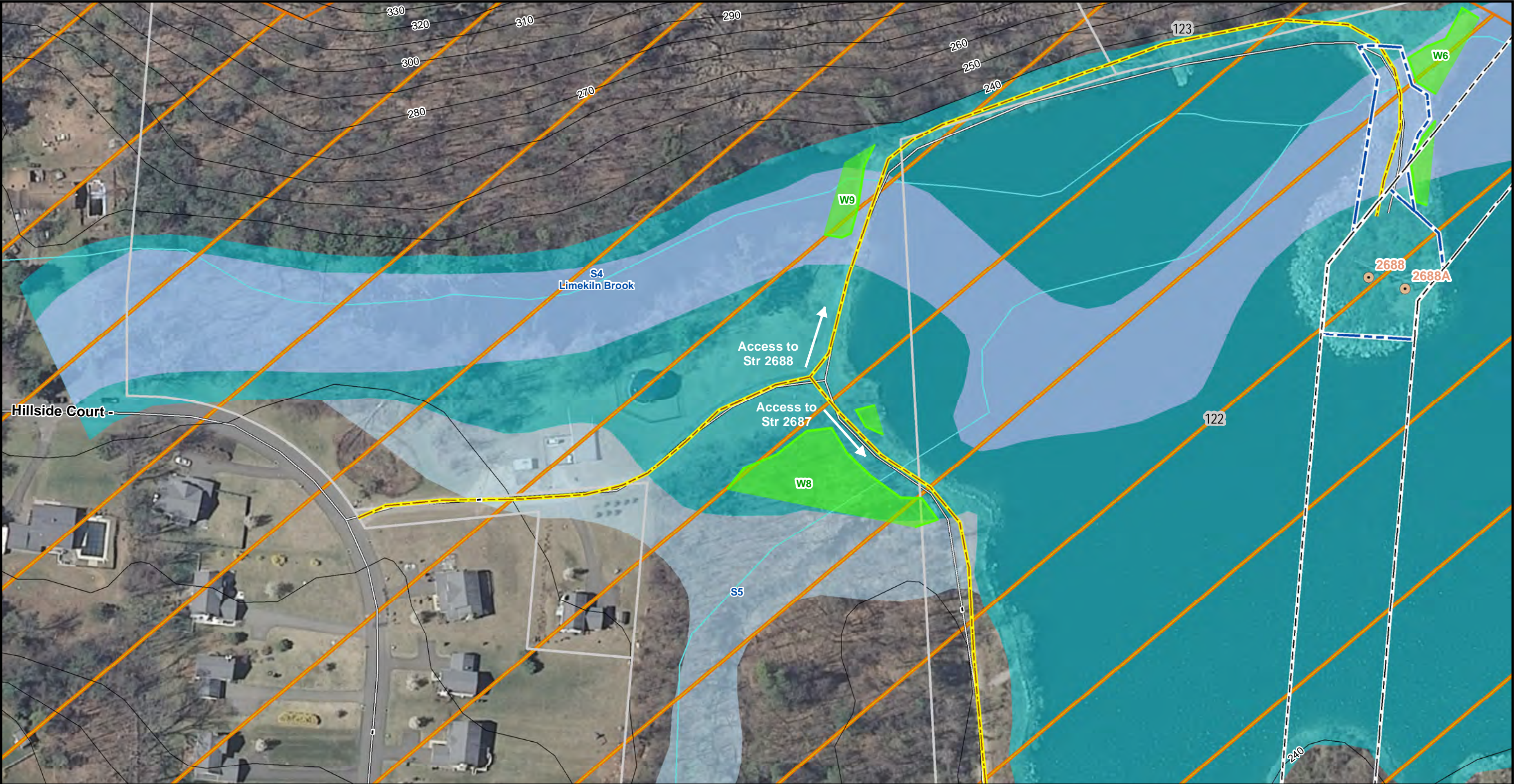
Brookfield, CT  
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West Brookfield Reliability Project  
Line List Information

Line List	Owner Name	Site Address	Town	State
122	CONNECTICUT STATE OF (DOT)	98 LAUREL HILL ROAD	BROOKFIELD	CT
123	HEMLOCK RIDGE	HOLLIS DRIVE	BROOKFIELD	CT





**Legend**

● Existing 321 Structures	Swamp Mat	Parcels	Approx Limit of Disturbance/Tree Clearing
<b>Line 1887 Structures</b>	Work Pad/Pull Pad	LL#100 Line List Label	Guard Structure
● Existing	Approx ROW Limits	Natural Diversity Area	Proposed Fenceline
● Proposed	Fenceline	Streams	Existing Fenceline
● To be Removed	Culvert	FEMA Floodway	Proposed Expansion Detail
● To be X-braced	Field Delineated Wetland Line	FEMA 100yr Floodplain	Proposed Retaining Wall
Existing Preferred Access Road	Field Delineated Wetlands	FEMA 500yr Floodplain	
New Permanent Access Road	Field Delineated Stream	Town Boundaries	
New Temporary Access Road	Eversource Property	Stonewall	
New Temporary Alternate Access Road		Access Gate	

1 inch = 100 feet

0 100 200 Feet

Source: -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

**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
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**EVERSOURCE**

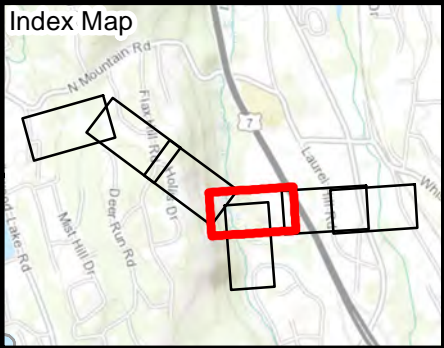
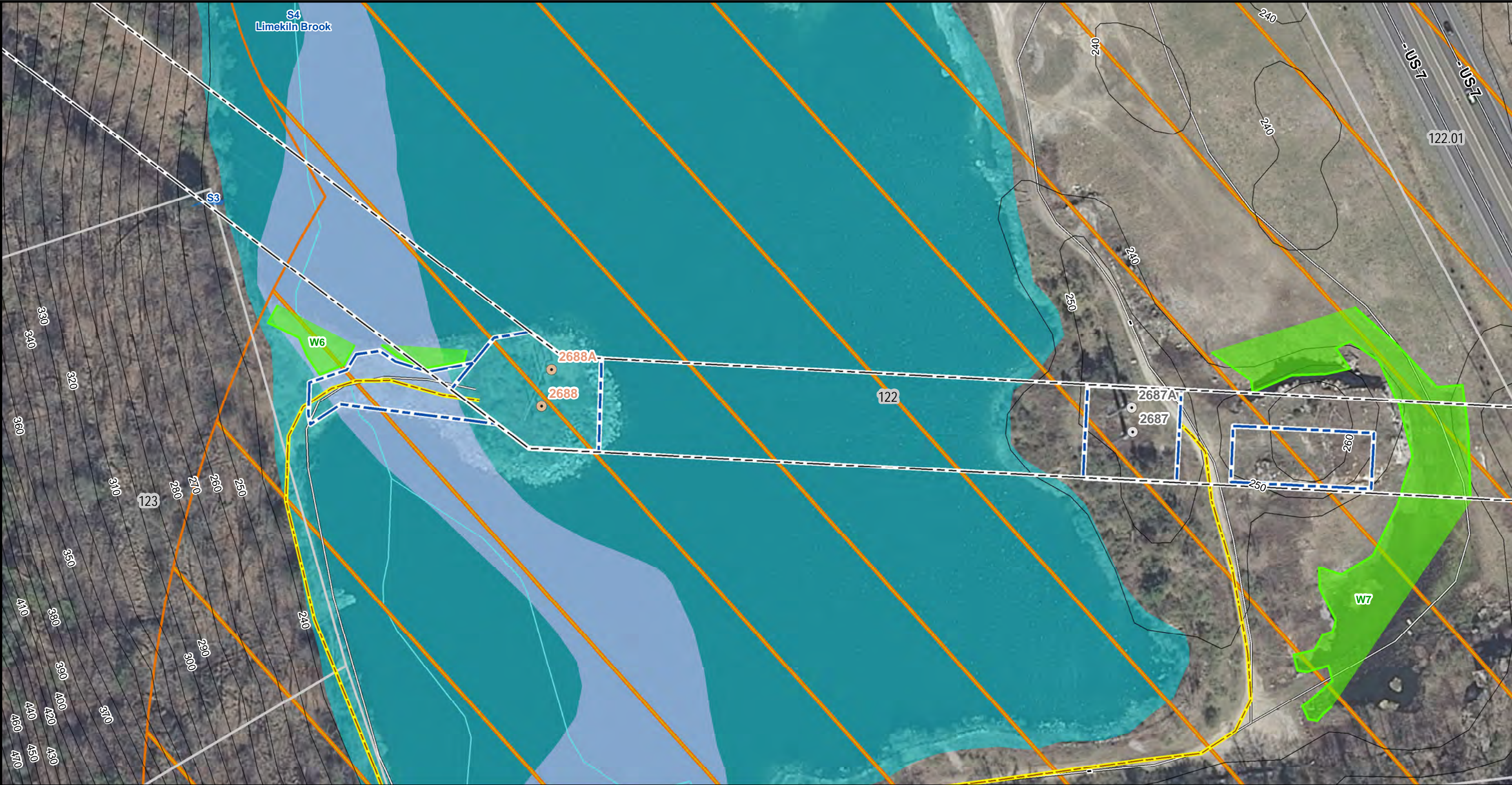
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West Brookfield Reliability Project  
Line List Information

Line List	Owner Name	Site Address	Town	State
122	CONNECTICUT STATE OF (DOT)	98 LAUREL HILL ROAD	BROOKFIELD	CT
122.01	US HIGHWAY 7		BROOKFIELD	CT
123	HEMLOCK RIDGE	HOLLIS DRIVE	BROOKFIELD	CT





**Legend**

**Existing 321 Structures**

- Existing
- Proposed
- To be Removed
- To be X-braced

**Line 1887 Structures**

- Existing Preferred Access Road
- New Permanent Access Road
- New Temporary Access Road
- New Temporary Alternate Access Road

- Swamp Mat
- Work Pad/Pull Pad
- Approx ROW Limits
- Fenceline
- Culvert
- Field Delineated Wetland Line
- Field Delineated Wetlands
- Field Delineated Stream
- Eversource Property

- Parcels
- Line List Label
- Natural Diversity Area
- Streams
- FEMA Floodway
- FEMA 100yr Floodplain
- FEMA 500yr Floodplain
- Town Boundaries
- Stonewall
- Access Gate

- Approx Limit of Disturbance/Tree Clearing
- Guard Structure
- Proposed Fenceline
- Existing Fenceline
- Proposed Expansion Detail
- Proposed Retaining Wall

Source:  
-CT DEEP  
Basemap & Environmental Data  
-Aerial & Topo Imagery  
ESRI, DigitalGlobe, GeoEye, i-cubed,  
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increment P Corp., AEX, GEBCO, USDA,  
USGS, FAO, NPS, NRCAN, GeoBase,  
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ESRI China (Hong Kong), swisstopo, & the  
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**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
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**EVERSOURCE**

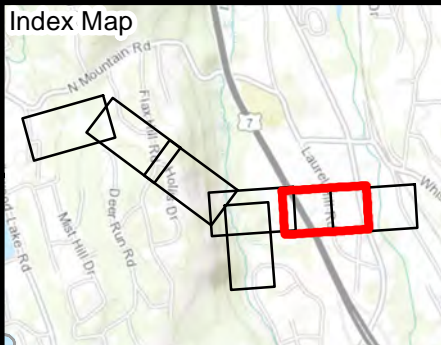
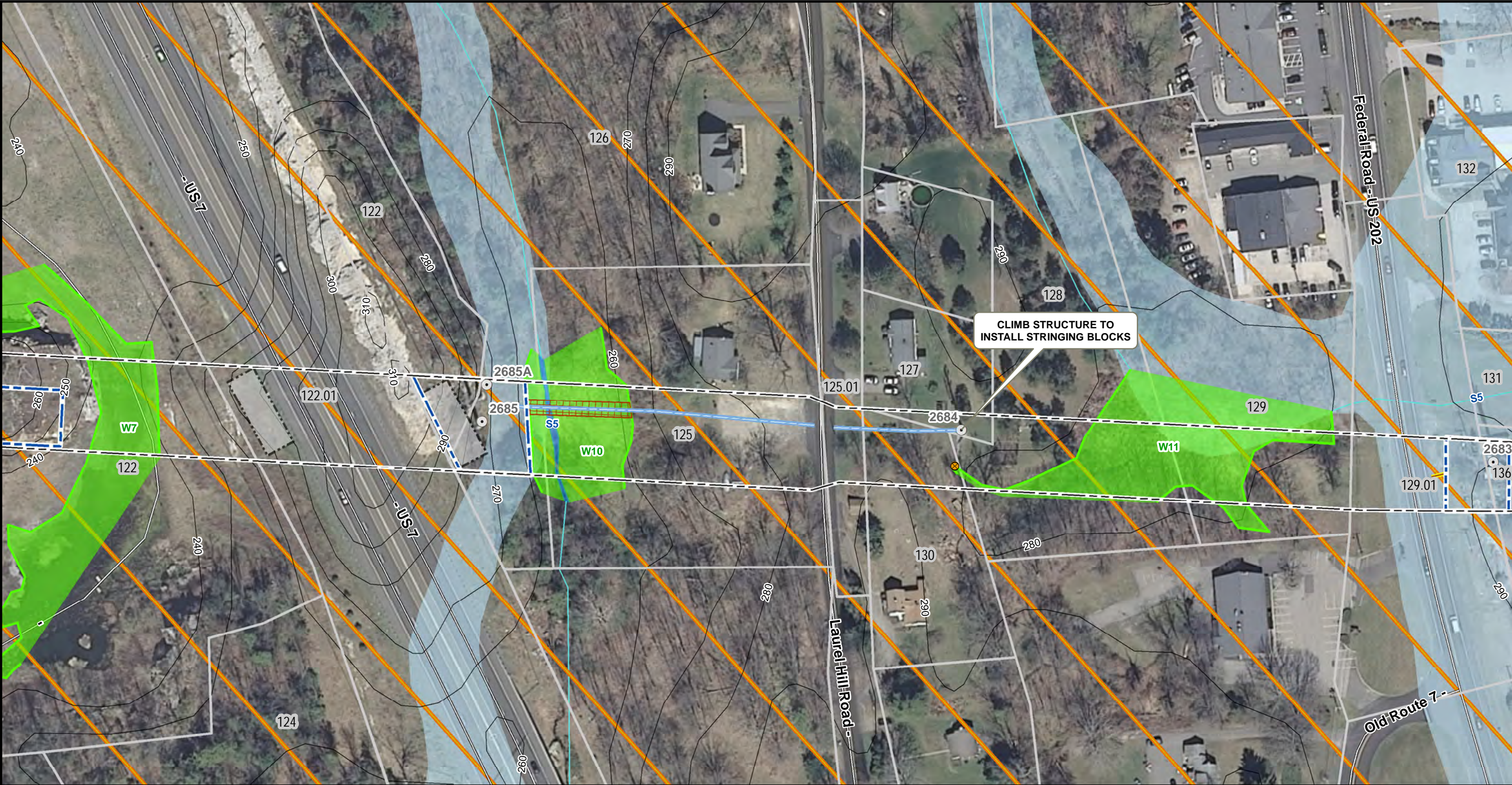
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**West Brookfield Reliability Project**  
**Line List Information**

Line List	Owner Name	Site Address	Town	State
122	CONNECTICUT STATE OF (DOT)	98 LAUREL HILL ROAD	BROOKFIELD	CT
122.01	US HIGHWAY 7		BROOKFIELD	CT
124	CONNECTICUT STATE OF (DOT)	NA (PART OF ROUTE 7 TAKING)	BROOKFIELD	CT
125	FLORENCE BURDICK EXECUTRIX	78 LAUREL HILL ROAD	BROOKFIELD	CT
125.01	LAUREL HILL ROAD		BROOKFIELD	CT
126	AURTHUR J. ASHLEY JR. & JESSAMYN	76 LAUREL HILL ROAD	BROOKFIELD	CT
127	KEITH C. BURDICK SR & LEONA M. BURDICK	71 LAUREL HILL ROAD	BROOKFIELD	CT
128	KEITH C BURDICK	77 LAUREL HILL ROAD	BROOKFIELD	CT
129	J A R ASSOCIATES	766 FEDERAL STREET	BROOKFIELD	CT
129.01	US 202		BROOKFIELD	CT
130	DAVID L BOTHWELL	67 LAUREL HILL ROAD	BROOKFIELD	CT
131	SKELMORLIE LLC	763 FEDERAL RD	BROOKFIELD	CT
132	BRANHAVEN RIVER & FARM PROPERTIES LLC & TORRINGTON ARMS APARTMENTS LLC	777 FEDERAL ROAD	BROOKFIELD	CT
136	SEVEN HUNDRED THIRTY ONE FEDERAL ROAD LLC AND SCALZO PROPERTY MANAGEMENT	731 FEDERAL ROAD	BROOKFIELD	CT





**Legend**

**Existing 321 Structures**

- Existing
- Proposed
- To be Removed
- To be X-braced

**Line 1887 Structures**

- Existing Preferred Access Road
- New Permanent Access Road
- New Temporary Access Road
- New Temporary Alternate Access Road

- Swamp Mat
- Work Pad/Pull Pad
- Approx ROW Limits
- Fenceline
- Culvert
- Field Delineated Wetland Line
- Field Delineated Wetlands
- Field Delineated Stream
- Eversource Property

- Parcels
- LL#100 Line List Label
- Natural Diversity Area
- Streams
- FEMA Floodway
- FEMA 100yr Floodplain
- FEMA 500yr Floodplain
- Town Boundaries
- Stonewall
- Access Gate

- Approx Limit of Disturbance/Tree Clearing
- Guard Structure
- Proposed Fenceline
- Existing Fenceline
- Proposed Expansion Detail
- Proposed Retaining Wall

Source:  
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USGS, FAO, NPS, NRCAN, GeoBase,  
Getmapping, Aerogrid, IGN, Kadaster  
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**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
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**EVERSOURCE**

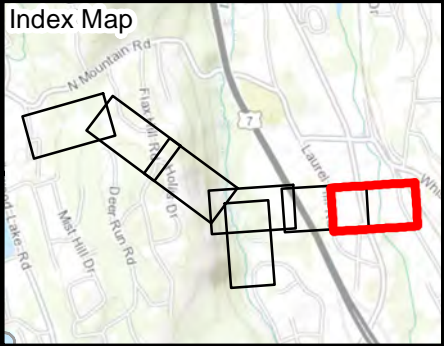
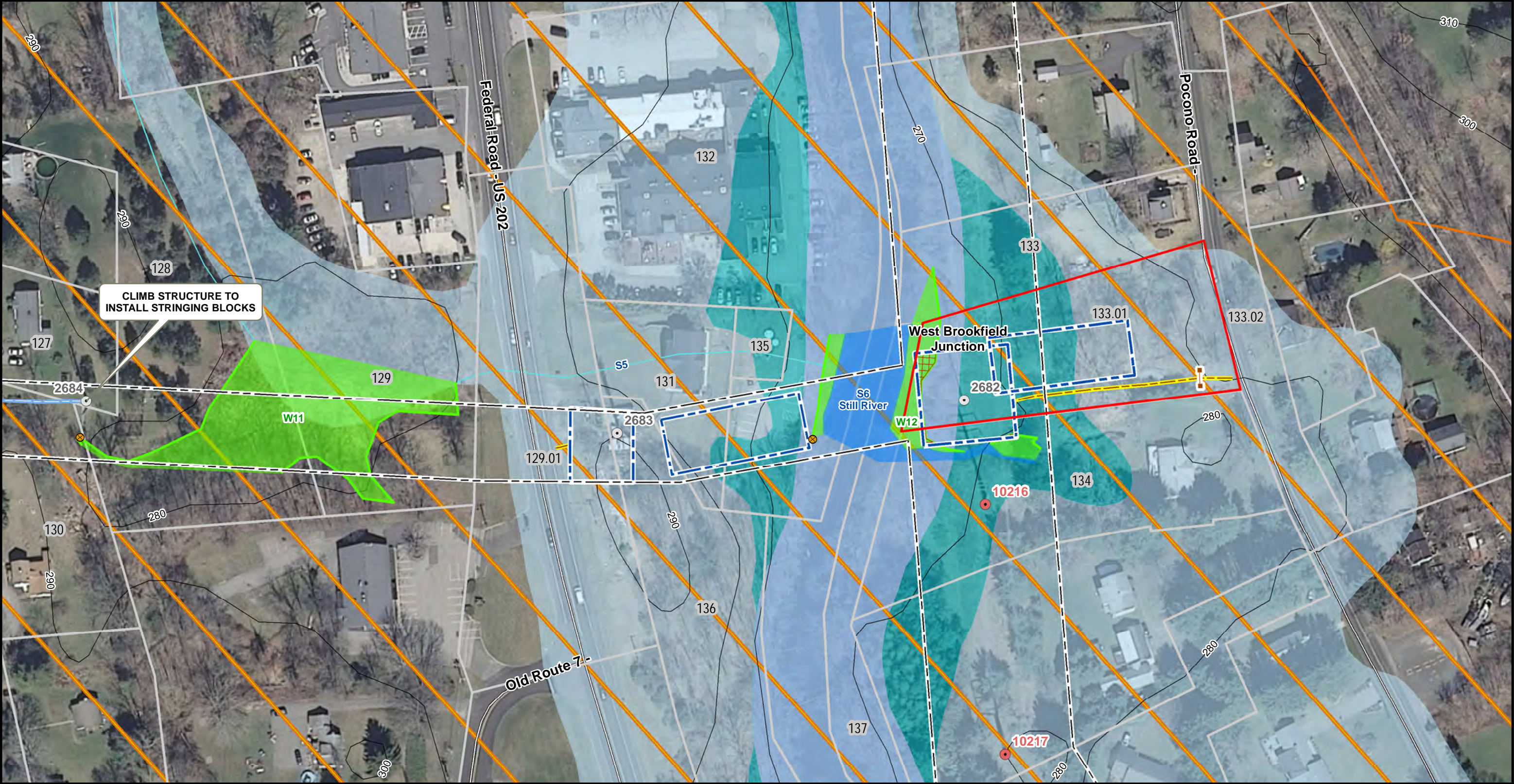
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West Brookfield Reliability Project  
Line List Information

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127	KEITH C. BURDICK SR & LEONA M. BURDICK	71 LAUREL HILL ROAD	BROOKFIELD	CT
128	KEITH C BURDICK	77 LAUREL HILL ROAD	BROOKFIELD	CT
129	J A R ASSOCIATES	766 FEDERAL STREET	BROOKFIELD	CT
129.01	US 202		BROOKFIELD	CT
130	DAVID L BOTHWELL	67 LAUREL HILL ROAD	BROOKFIELD	CT
131	SKELMORLIE LLC	763 FEDERAL RD	BROOKFIELD	CT
132	BRANHAVEN RIVER & FARM PROPERTIES LLC & TORRINGTON ARMS APARTMENTS LLC	777 FEDERAL ROAD	BROOKFIELD	CT
133	WADE P. GRADIA	172 POCONO ROAD	BROOKFIELD	CT
133.01	THE CONNECTICUT LIGHT & POWER COMPANY (EVERSOURCE)	170 POCONO RD	BROOKFIELD	CT
133.02	POCONO ROAD		BROOKFIELD	CT
134	DAVID M. & DAWN M WABOL	168 POCONO ROAD	BROOKFIELD	CT
135	TOWN OF BROOKFIELD	777A FEDERAL ROAD	BROOKFIELD	CT
136	SEVEN HUNDRED THIRTY ONE FEDERAL ROAD LLC AND SCALZO PROPERTY MANAGEMENT	731 FEDERAL ROAD	BROOKFIELD	CT
137	RIVER		BROOKFIELD	CT





**Legend**

**Existing 321 Structures**

- Existing
- Proposed
- To be Removed
- To be X-braced

**Line 1887 Structures**

- Existing Preferred Access Road
- New Permanent Access Road
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**WEST BROOKFIELD  
RELIABILITY PROJECT**

**Environmental Resources Map**

Brookfield, CT  
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**EVERSOURCE**

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