

April 18, 2018

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

PETITION NO. 1343



Re: PSEG Bridgeport Harbor – 1670 Line Reconductoring Project

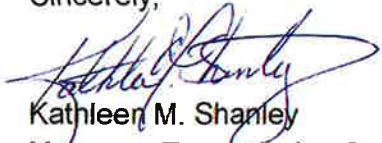
Dear Chairman Stein:

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 115k-V 1670 transmission line in the towns of Berlin and Southington and the City of New Britain, Connecticut (“Petition”).

Prior to submitting this Petition, representatives from Eversource briefed municipal officials in Berlin, New Britain and Southington. Written notice was provided to all abutters notifying them of the proposed work and that the Petition was to be filed with the Council. A map and line list identifying the abutting property owners who were notified of the Project are provided in Attachment 2 to the Petition (“Project Maps”). An Affidavit of Service is provided in Attachment 3: Affidavit of Service of Notice. The original Affidavit of Service of Notice and a copy of the letter that was sent to the abutters are attached hereto.

A check in the amount of \$1250 for the required filing fee of \$625 is also attached, with the balance to be applied to the fee for another petition that will be filed soon.

Sincerely,


Kathleen M. Shanley
Manager, Transmission Siting

CC:

Jack Healy, Acting Town Manager, Berlin
Mayor Erin Stewart, New Britain
Mark Sciota, Town Manager, Southington

April 12, 2018

Dear Neighbor,

Maintaining the power line infrastructure is one of the ways Eversource supports the safe and secure transmission of electricity throughout the region. As part of its everyday effort to deliver reliable energy to its customers, Eversource is submitting a petition to the Connecticut Siting Council (CSC) for a proposed transmission upgrade project in your area.

You're receiving this letter because we will be doing the proposed work within the right of way (power line corridor) on or near your property in Southington, Berlin or New Britain, Conn.

About This Electric System Improvement

This project involves replacing the wire on a transmission line from Southington substation to a location off Reservoir Road in New Britain to support system upgrades to the electrical grid. Additional scopes of work on select structures include replacing hardware, reinforcing foundations, adding lightning protection, and replacing the shield wire with fiber optic grounding wire.

What You Can Expect

We're proposing to do the work on Eversource property or within the existing right of way that connects the Southington Substation in Southington to a location off of Reservoir Road in New Britain.

If we receive all necessary approvals for this proposed work, construction is expected to begin in the summer of 2018. We expect to complete restoration of affected areas by early 2019.

Connecticut Siting Council Process and Timing

With this letter, Eversource is providing notice to you of its proposed work activity. If you have any comments or concerns about the project, please send them to the CSC at the following address: Melanie Bachman, Acting Executive Director, Connecticut Siting Council, Ten Franklin Square, New Britain, CT, 06051. You may also email them to siting.council@ct.gov.

Always Working to Serve You Better

We are committed to being a good neighbor and doing our work with respect for you and your property. Once project approvals are received, an Eversource representative will be in touch with you closer to the start of construction to discuss the schedule in more detail. In the meantime, for more information about this work, please call 1-800-793-2202, or send an email to TransmissionInfo@eversource.com. Thank you.

Sincerely,



Dalesa Holgerson
Eversource Project Manager – Transmission
PSEG Bridgeport Harbor 5 – 1670 Line Reconductoring Project



PETITION

to the

CONNECTICUT SITING COUNCIL

for a

DECLARATORY RULING

for the

**PSEG BRIDGEPORT HARBOR UNIT 5
1670 LINE RECONDUCTORING PROJECT**

Berlin, New Britain and Southington, Connecticut

April 2017

EVERSOURCE ENERGY
PETITION TO THE CONNECTICUT SITING COUNCIL
FOR A DECLARATORY RULING OF
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT
FOR THE PROPOSED TRANSMISSION LINE MODIFICATION PROJECT
IN BERLIN, NEW BRITAIN AND SOUTHINGTON, CONNECTICUT

The Connecticut Light and Power Company (“CL&P”) 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 is required pursuant to Sections 16-50g et seq. of the General Statutes of Connecticut (“Conn. Gen. Stat.”) for the modification of existing 115-kV electric transmission facilities located within the existing right-of-way (“ROW”) described herein (the “Project”). Eversource respectfully submits that a Certificate is not required because the proposed modifications will not have a substantial adverse environmental effect. In support of this Petition, Eversource submits the attached Supplemental Report.

On July 21, 2016, the Council issued a Decision and Order in Petition No. 1218 authorizing PSEG Power Connecticut LLC (“PSEG”) to construct a new 485 megawatt (MW) dual fuel combined-cycle electric generating facility at the existing Bridgeport Harbor Station located at 1 Atlantic Street, Bridgeport, Connecticut. Eversource is proposing to modify its 115-kV electric transmission facilities to adequately and reliably transmit power generated by PSEG’s new facility.

Under the Large Generator Interconnection Procedure that is included in Schedule 22 of the Independent System Operator of New England’s (“ISO-NE”) Tariff, it is Eversource’s obligation to facilitate the installation of the necessary transmission systems and transmission system upgrades and equipment for power generator entities that request to directly or indirectly interconnect to the Eversource transmission system. Connecting PSEG’s new facility to the transmission system will require modifications to Eversource’s Southington Substation and reconductoring the 1670 Line from the Southington Substation along an existing right-of-way (“ROW”) through the municipalities of Southington, Berlin and New Britain, where the reconductoring will terminate at Reservoir Junction, just north of Reservoir Road in New Britain.

A. Project Elements

In summary, the scope of work will include:

- replacing 5.2 circuit miles of 556 kcmil 26/7 steel reinforced aluminum conductor (“ACSR”) conductor with 5.2 circuit miles of 556 kcmil 26/7 steel supported aluminum conductor (“ACSS”);
- replacing the 556 ACSR substation conductor with 2 sub-conductor bundle-1272 ACSR conductor, which will connect the new 556 kcmil ACSS overhead conductor to the line disconnect switch on the terminal structure inside Southington Substation;
- replacing 5.2 miles of 1 1/32-inch copper weld shield wire with 5.2 miles of optical ground wire (“OPGW”);
- replacing bolts on five structures (4135, 4141, 4145, and 4148) with high-strength bolts to provide additional strength necessary to support the new conductor and on one structure (4119) to support the load of the new conductor and the existing AT&T cellular telecommunications equipment;
- reinforcing foundations for six structures (4138, 4139, 4140, 4141, 4142, and 4145) by adding gravel fill around the foundations; and
- installing lightning arrestors on every other structure.

No structures are proposed to be replaced as part of this Project.

B. Vegetation Removal

There will be no need to expand the existing, cleared portion of the ROW for the Project. However, vegetation removal will be necessary in the limited areas in which access roads, work pads and pull pads will be located. It may also be necessary to remove vegetation from the base of the existing structures and between structures to maintain safety clearances from the conductors, based on conductor sag and pulling requirements. The vegetation removal activities, including mowing or selective non-compatible species tree removal, will be conducted in accordance with the approved methods that are currently utilized in the ROW for routine vegetation management and structure maintenance, including removal of danger trees. Eversource will minimize vegetation removal activities to the extent practicable for this Project. When required, trimming alongside the conductors shall be performed so that all branches to be removed are cut back to

the main trunk depending on easement restrictions and property owner consent to trim beyond the right-of-way edge. All trimming shall be performed to provide a minimum clearance of twenty (20) feet between vegetation and the intended location of conductors. All trimming shall be performed in accordance with proper arboricultural practices (i.e. American National Standards Institute A-300). If trimming alone cannot provide the minimum clearances listed – efforts shall be made to remove the offending trees or vegetation.

C. Project Effects

Environmental effects related to the Project are limited and have been avoided, minimized, and mitigated to the extent possible. The Project will not result in significant changes in land use along the corridor and will not affect scenic or cultural resources.

Minor temporary impacts related to construction will occur related to air quality and noise, which impacts will be mitigated as described in the attached Supplemental Report.

The Project will result in temporary and minor permanent effects to wetlands or watercourses. Temporary effects to approximately 63,211 square feet (just under 1.5 acres) of wetlands and watercourses will occur due to the placement of temporary construction mats for access and work at structures and pull pads. These impacts could be further reduced by approximately 15,000 square feet if the rights to preferred alternative access routes are obtained. There will be approximately 1,500 square feet of permanent effects to wetlands due to the placement of fill necessary to reinforce two foundations. No vernal pools are located within the Project area, based on site reconnaissance activities.

Large scale mapping prepared by the Connecticut Department of Energy and Environmental Protection (“CT DEEP”) Natural Diversity Database (“NDDB”) indicates the possible presence of state-listed species within the existing ROW. Eversource has submitted a request to CT DEEP for more specific information regarding the types and numbers of such species and recommended practices for protecting those species. CT DEEP’s recommendations will be incorporated in the construction methods, as discussed further in the Supplemental Report.

No effects to surface, or groundwater resources or public drinking water supply/private wells or aquifers are anticipated.

D. Schedule

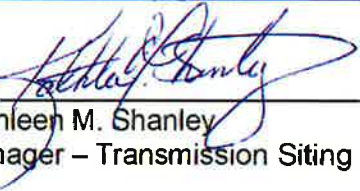
Construction activities are planned to commence in the summer of 2018 and be completed by the fall of 2018. ROW restoration work may continue through the spring of 2019. As further explained in the attached Supplemental Report, the Project construction will not cause a substantial adverse effect on the environment.

Based on the information provided in this Petition and the attached Supplemental Report, Eversource believes that the Project will not have a "substantial adverse environmental effect in the state" and, therefore, does not require a certificate of environmental compatibility and public need pursuant to Conn. Gen. Stat. §16-50k(a).

E. Communications

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

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, Connecticut 06141
Telephone: (860) 728-4527
kathleen.shanley@eversource.com

By: 
Kathleen M. Shanley
Manager – Transmission Siting

**EVERSOURCE ENERGY
BRIDGEPORT HARBOR 5 - 1670 LINE RECONDUCTORING PROJECT
SUPPLEMENTAL REPORT
IN SUPPORT OF THE PETITION FOR A DECLARATORY RULING**

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A. PROJECT BACKGROUND AND TECHNICAL DESCRIPTION

A.1 PROJECT BACKGROUND

By way of background, the Independent System Operator – New England (“ISO-NE”) conducts annual auctions to secure sufficient electric capacity resources to meet anticipated electrical demands in New England. These Forward Capacity Auctions (“FCAs”) are conducted three years in advance of the projected energy needs to allow the development of traditional and renewable energy resources or demand-side resources such as load management and energy efficiency measures. In 2015, as part of FCA No. 10, PSEG Power Connecticut, LLC (“PSEG”) proposed to construct a nominally-rated 485 megawatts (“MW”) dual fuel combined-cycle electric generating facility at its Bridgeport Harbor facility in Bridgeport, Connecticut. As part of the FCA evaluation process, ISO-NE prepared a “Preliminary Initial Interconnection Analysis Violation Summary – Bridgeport Harbor 6 [sic, and hereinafter referred to as BHU-5]”, dated September 21, 2015. The results of that analysis indicated that, upon the addition of the approximately 485 MW of output from BHU-5, the 115-kV line, designated as the 1670 Line, between Eversource’s Southington Substation and Reservoir Junction would be overloaded. To resolve the overloading, ISO-NE determined that the long-term emergency (“LTE”) rating of the line would need to be upgraded from 234 megavolt/amps (“MVA”) to a minimum of 243 MVA. Without such an upgrade, the qualified output from BHU-5 would be limited to 290 MW. The identified solution is to replace the existing 556 kcmil (“thousand circular mils”) steel reinforced aluminum conductor, (“ACSR”) with 556 kcmil steel supported aluminum conductor, (“ACSS”), which would achieve an LTE rating of 331 MVA. On February 10, 2016, ISO-NE informed PSEG that it had been selected to provide energy and capacity beginning June 1, 2019.

Under the Large Generator Interconnection Procedure that is included in Schedule 22 of the ISO-NE’s tariff, it is Eversource’s obligation to facilitate the installation of necessary systems and equipment for power generator entities that request to directly or indirectly interconnect to the Eversource transmission system. On July 5, 2016, PSEG and Eversource entered an “Agreement for Engineering, Design, Permitting, Siting Services and Operations and Maintenance” (“Development Agreement”). Under the terms of the Development Agreement, Eversource will design, permit and construct the transmission upgrades that ISO-NE identified in its preliminary summary of violations (as described above), and as confirmed in ISO-NE’s follow-up evaluation, “Notification of Completion of 2019-2020 Forward Capacity Auction (FCA) Re-Study, Bridgeport Harbor 5”, dated April 21, 2016.

As the Council is aware, PSEG sought and received approval to construct BHU-5 under Petition No. 1218 on July 21, 2016. The Council's ruling also included approval for an interconnection between BHU-5 and the Singer Substation in Bridgeport. The construction of BHU-5 is currently in progress. Pursuant to the Development Agreement, Eversource has completed the design of the transmission upgrades necessary to support the BHU-5 project and has evaluated the potential environmental impacts of the proposed scope of work to implement the modifications. Pursuant to Section 16-50i(a) of the Connecticut General Statutes ("C.G.S."), each of Eversource's existing 115-kV transmission lines (specifically, the 1670 Line) is a "facility" and as defined in C.G.S. Section 16-50i(d), the Project will involve a "modification" of a facility. However, Eversource respectfully submits that a Certificate of Environmental Compatibility and Public Need ("Certificate") is not required for the Project under C.G.S. Section 16-50k because the proposed modifications will not have a substantial environmental effect.

A.2 TECHNICAL PROJECT DESCRIPTION

The Project will originate at Eversource's Southington Substation, which is located off Belleview Avenue in Southington, Connecticut and extend roughly northeasterly for approximately 5.2 miles across Eversource property and along the existing Eversource right-of-way ("ROW"), through Southington and Berlin, and terminating at Reservoir Junction, which is located just north of Reservoir Road in New Britain. The southern half of the ROW passes through primarily residentially developed areas, while the northern half of the ROW traverses through agricultural or forested lands, much of which is owned by the City of New Britain Water Department for watershed protection for the Wassel and Shuttle Meadow Reservoirs. The ROW is occupied by two sets of double-circuit steel lattice structures, except where the lines leave the Southington Substation and meet at Reservoir Junction. One set carries the 115-kV 1820 and 1830 circuits along the western side of the ROW. The other set carries the 115-kV 1670 and 1771 circuits along the eastern side of the ROW. These double circuit lines were built in the mid-1920s and mid-1960s, respectively. The ROW is generally 150 feet wide. From Lepage Drive to near structure 4116, the ROW is generally 190 feet wide.

The Project will include upgrading the conductor on the 1670 Line to prevent overload conditions and to accommodate the full added capacity of BHU-5. Specifically, the proposed solution is to reconductor the portion of the 1670 Line between Southington Substation and Reservoir Junction, by replacing the existing 556 ACSR conductor with 556 ACSS conductor.

Additionally, to improve telecommunications, Eversource proposes to replace the existing copper weld shield wire along the same portion of the 1670 Line with Optical Ground Wire ("OPGW"). This will provide a controlled alternate fiber optic communication path supporting the improved long-term reliability and capacity of the fiber optic network.

The thirty-eight structures supporting the 5.2-mile segment of the 1670 Line consist of:

- two triple-circuit steel frame structures (4112 and 4113), that support the 1830, 1670 and 1771 lines near Southington Substation; the 1830 line joins the 1820 line at the double-circuit steel lattice structure 633;
- one quadruple-circuit steel lattice tower structure (668) at Reservoir Junction, where the 1670 and 1771 circuits join the 1820 and 1830 circuits;
- thirty-five double-circuit lattice tower structures;
- twenty-four structures currently feature strain insulator configurations; and
- fourteen structures feature suspension or running angle insulators.

No structures are proposed to be replaced.

In summary, the scope of work will include:

- replacing 5.2 circuit miles of 556 kcmil 26/7 ACSR conductor with 5.2 circuit miles of 556 kcmil 26/7 ACSS conductor;
- replacing the 556 ACSR substation conductor with 2 sub-conductor bundle-1272 ACSR, which will connect the new 556 ACSS overhead conductor to the line disconnect switch on the terminal structure inside Southington Substation;
- replacing 5.2 miles of 1 1/32-inch copper weld shield wire with 5.2 miles of OPGW;
- replacing bolts on four structures (4135, 4141, 4145, and 4148) with high-strength bolts to provide additional strength necessary to support the new conductor and on one structure (4119) to support the load of the new conductor and the existing AT&T cellular telecommunications equipment;
- reinforcing foundations for six structures (4138, 4139, 4140, 4141, 4142, and 4145) by adding gravel fill around the foundations; and
- installing lightning arrestors on every other structure.

A Project Locus is included as Attachment 1. A locational key map and aerial mapping of the Project area showing structure locations, access points, work pads, pull pads, natural resources and other pertinent features are included as Attachment 2, "Line 1670 Reconductoring Project, Southington, Berlin, and New Britain, CT, Environmental Resources Map" dated March 26, 2018 ("Project Maps").

A.1. MAJOR ACTIVITIES PRIOR TO CONDUCTOR REPLACEMENT

A.1.1. *Material and Equipment Staging*

Construction staging and laydown areas will be located on Eversource owned property adjacent to and north of Southington Substation. The proposed limits of the laydown area are shown on pages 2 and 3 of the Project Maps. The equipment laydown and staging area will be accessed from Peters Circle. If Eversource contractors require additional laydown and storage areas for the Project, Eversource would submit these additional proposed locations to the Council for its approval.

A.1.2. *Vegetation Removal*

There will be no need to expand the existing, cleared portion of the ROW for the Project. However, vegetation removal will be necessary in the limited areas in which access roads, work pads and pull pads will be located, as shown on the Project Maps. It may also be necessary to remove vegetation from the base of the existing structures and between structures to maintain safety clearances from the conductors, based on conductor sag and pulling requirements. The vegetation removal activities, including mowing or non-compatible species tree removal, will be conducted in accordance with the approved methods that are currently utilized in the ROW for routine vegetation management and structure maintenance, including removal of danger trees. Eversource will minimize vegetation removal activities to the extent practicable for this Project. When required, trimming alongside the conductors shall be performed so that all branches to be removed are cut back to the main trunk depending on easement restrictions and property owner consent to trim beyond the right-of-way edge. All trimming shall be performed to provide a minimum clearance of twenty (20) feet between vegetation and the intended location of conductors. All trimming shall be performed in accordance with proper arboricultural practices (i.e. American National Standards Institute A-300). If trimming alone cannot provide the minimum clearances listed – efforts shall be made to remove the offending trees or vegetation.

A.1.3. *Installing Erosion and Sedimentation Controls*

Appropriate erosion and sedimentation (“E&S”) controls, as identified in the Connecticut Department of Energy and Environmental Protection’s (“CT DEEP”) 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, any E&S control plans for the Project, as part of the Project Stormwater Pollution Control Plan(s) (“SWPCP”), and standard Eversource protocols cited in Eversource’s internal document entitled, *Construction & Maintenance, Environmental Requirements, Best Practices Manual for Massachusetts and Connecticut, September 2016* (“BMPs”), will be implemented, as required, and maintained for the duration of the Project. Controls will remain in place until the associated work area is stabilized.

A.1.4. *Constructing Access Roads*

The Project will utilize existing access roads to the extent possible, but will require the construction of new access roads to support the construction activities. Where existing access roads have degraded, they will need to be improved for the Project, including, but not limited to: grading, widening travel surfaces to 16 feet wide or to 20 feet wide at turning locations, and placing compacted gravel material in upland areas. The road improvements are needed to accommodate a range of vehicles, equipment, materials, and work processes during construction. These roads are shown as “Access Road to be Improved” on the Project Maps. In several locations, new gravel roads will be needed to access certain structures in upland areas. The new access roads will be built in conformance with the standards described above for the improved access roads. These new access roads are shown as “Proposed Access” on the Project Maps. The Project will utilize construction mats and bridging methods to create stable temporary work surfaces in wetland areas and in certain residential areas, as necessary, to limit adverse effects to these resources.

In some locations, Eversource is trying to obtain certain property rights from off-ROW property owners to develop access roads that are preferable to in-ROW alternatives because such off-ROW routes would avoid impacts to wetlands and watercourses, by-pass difficult topography, utilize less extensive construction methods and minimize impacts to private properties. Eversource is working with individual property owners, and the City of New Britain, to obtain the rights for these access points, which are shown as “Proposed Alternate Access” on the Project Maps. If these rights are not obtained prior to construction, the Project would utilize new proposed access roads and/or temporary matting, which are also depicted on the Project

Maps. Vegetation removal will be limited to that which is necessary to construct or improve the access roads. Where necessary to protect manicured lawns, paved areas or other off-ROW property features, the access roads will be created using temporary construction mats or metal plates. These will typically be 16 feet wide to allow safe vehicle access.

Constructing Work Pads and Pull Pads

Typical work pads at existing transmission structures will be approximately 50 feet by 50 feet to provide a level work surface to replace conductors and associated hardware. At several structures, work pads will be 100 feet by 100 feet to provide the necessary access to the existing structure for additional modifications (i.e. bolt replacements and foundation fill). Larger pull pads (typically 50 feet by 250 feet) will be needed to stage the cable pulling equipment and facilitate wire stringing activities. All work pads and pull pads located in upland areas will be comprised of gravel, temporary construction mats, or an equivalent substitute. All work pads located in wetland areas will be comprised of temporary construction mats, or a suitable equivalent, to limit disturbances to these features. Where practicable, typical work pad and pull pad dimensions have been reduced or reconfigured to confine work to ROW areas or to avoid effects to sensitive areas.

B. ENVIRONMENTAL EFFECTS AND MITIGATION

B.1. INLAND WETLANDS, WATERCOURSES AND FLOODPLAINS

Wetlands and watercourses within the Project were mapped in the fall of 2017 in accordance with the standards of the United States Army Corps of Engineers (“ACOE”) federal delineation methodology and the wetland definitions outlined in the State of Connecticut Inland Wetlands and Watercourses Act (C.G.S. Section 22a-38). The Project will require an ACOE Section 404 Permit (Self-Verification Notification Form) and a CT DEEP Section 401 Water Quality Certification, which is expected to be granted as part of the Section 404 permitting process.

Twenty wetland areas were identified along the ROW. The limits of the wetland boundaries within or proximate to the ROW are shown on the Project Maps and are designated as W1 through W20. Most wetlands within the ROW are characterized as shrub swamps and/or emergent marshes. Wetland W1 and W2 are shrub swamps within a large wetland complex associated with Misery Brook, a perennial watercourse that ultimately flows into the Quinnipiac River in Cheshire. Wetland W3 is an isolated shrub swamp and Wetlands W4, W6, W7 and W8 include shrub and emergent cover types within the ROW and forested wetland off ROW. Wetland W9 is Wassel Reservoir and W10 is an isolated emergent wetland proximate to W9. Wetlands W11 to W20 are all predominantly shrub/emergent wetlands within the managed ROW and forested wetland outside of the managed ROW. Wetland W11 is an isolated wetland and Wetlands W12 through W20 are headwater wetlands associated with unnamed intermittent watercourses that flow east and eventually discharge to Shuttle Meadow Pond and Mason Pond.

A review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate mapping indicates that portions of the Project occur within 100-year flood zones. There are 100-year flood zones associated with Wetlands W1, W2, W9 (Wassel Reservoir) and W10. Eversource has designed the Project to avoid or minimize adverse impacts to wetlands, watercourses and floodplains by locating access roads, work areas and pull pads in upland areas. Where wetlands and watercourses could not be avoided, Eversource will utilize Best Management Practices, such as temporary matting, to reduce potential impacts. Temporary wetland impacts will occur in the following wetland or watercourses:

- approximately 10,730 square feet of temporary construction matting will be used for a pull pad in W1, which is also within a 100-year floodplain, but there will be no permanent fill associated with the work. (Project Maps, p. 2);
- approximately 2,690 square feet of temporary construction matting will be used in W4 for work pads at structures 4126 and 4127; this matting will also span an intermittent stream in two locations (Project Maps, pp. 8, 9);
- approximately 6,020 square feet of temporary construction matting will be used in W6 to access structures 4128 and 4129; approximately 4,655 square feet of matting can be eliminated if the property rights for a proposed alternate access route can be obtained (Project Maps, pp. 9,10);
- approximately 11,625 square feet of temporary construction matting will be used in W7 for the access and work pad for structure 4130 and a pull pad (Project Maps, p. 10);
- approximately 21,445 square feet of temporary construction matting will be used for access and a pull pad in W8 and an additional 7,675 square feet of temporary construction matting will be used for access to structures 4131 and 4132 which can be eliminated if the property rights for a proposed alternate access route can be obtained (Project Maps, p. 10);
- in W11, approximately 930 square feet of temporary construction matting will be used for a work pad for structure 4140 (Project Maps, p.15);
- in W12, approximately 2,600 square feet of temporary construction matting will be used for a work pad at structure 4142; in addition, there will be a permanent impact of approximately 500 square feet due to the placement of gravel fill for the foundation reinforcement of structure 4142 (Project Maps, p. 16);
- in W15, approximately 4,250 square feet of temporary construction matting will be used for a work pad at structure 4145; in addition, there will be a permanent impact of approximately 1,000 square feet due to the placement of gravel fill for the foundation reinforcement of structure 4145 (Project Maps, p. 18);
- approximately 1,260 square feet of temporary construction matting will be used in W19 for access to structure 4148; this temporary impact can be avoided if access rights to the proposed alternate access are obtained (Project Maps, 19).
- No work is proposed in the 100-year flood zones associated with W2, W9 or W10.

B.2. WILDLIFE

The existing Eversource ROW has long been maintained as an electric transmission corridor. Past vegetation management practices within the corridor promote some wildlife habitats and emergent/shrub vegetation assemblages, which are a dwindling habitat resource in Connecticut. Some of the work will occur within habitats for state-listed species in the areas described below; however, no substantial adverse environmental effect on wildlife is anticipated with the implementation of appropriate BMPs.

State Listed Endangered, Threatened and Species of Special Concern

Eversource's review of the CT DEEP Natural Diversity Database ("NDDDB") identified State-listed species near the Project area. Eversource will work with CT DEEP to develop Project-specific protection measures for work within this critical habitat area and will adhere to any additional CT DEEP recommended protection measures relative to the listed species. Eversource will assign an environmental monitor to the Project to periodically inspect construction operations for compliance with recommended protection measures in the areas where the presence of listed species is mapped. The environmental monitor will also promote contractor awareness as to the potential for the species to occur within the construction area and monitor the contractor's compliance with any BMPs or project protocols relative to protection for the specific listed species.

Potential additional measures may include one or more of the following in areas of known habitat, depending on the time of year of the work:

- During the active period for any listed species, the environmental monitor will perform pre-construction sweeps, including before vegetation removal, of proposed work areas within habitat areas and remove any of the state-listed species encountered from the proposed work area.
- Removing low-growth vegetation in mapped habitat areas will be minimized to the extent practicable. The removal of low-growth vegetation and tree stumps adjacent to stream banks for identified suitable riparian habitat will be avoided and minimized to the greatest extent practicable.
- To the extent practicable, mowing activities will be limited to designated work areas and performed when the species are not active. If mowing is performed during the active season, vegetation will be mowed to a height of no lower than 7 inches. Flail type mowers shall not be used for mowing in the active season.
- Any confirmed sightings of or encounters with listed species will be reported to the NDDDB and handled in accordance with any applicable BMPs.

- Construction vehicles and equipment required to access designated habitat areas will be parked on roadways and areas outside of the designated habitat when not in use, to the extent feasible.
- E&S controls will be constructed and maintained to avoid/minimize sediment deposition effects to wetlands. Where passage through the construction area is required to reach resource areas (forests, streams, vernal pool, etc.). E&S controls will be installed in a manner that does not inhibit movement through the construction area. Where appropriate, exclusionary silt fencing will be installed to prevent the state-listed species from accessing areas where they may become trapped. All silt fencing and perimeter methods will be removed after work is completed and exposed soils are stable so reptile and amphibian movements are not restricted.
- A contractor awareness program will be developed and implemented such that all contractors working in the ROW will be able to identify the species and follow applicable reporting protocols and BMPs.

B.3 Vernal Pools

No potential vernal pools were identified during the fall 2017 wetland delineation. However, because of the seasonal and ephemeral nature of vernal pools, field confirmation will be completed in the spring of 2018 to determine if these resource areas are present in the current year. If vernal pools are identified during the Spring 2018 field review, the Project will be modified as necessary and practicable to avoid or minimize any permanent or temporary adverse effects to vernal pools.

If vernal pools are identified, during construction Eversource would follow established best management practices to avoid disturbance to vernal pools and limit any potential effects to areas around vernal pools. Based on past projects and agency consultations, as well as available literature, Eversource would implement additional previously approved CT DEEP measures to avoid or minimize potential effects to vernal pools related to the Project including:

- For Project activities that must occur adjacent to vernal pools during amphibian migration periods, measures would be implemented on a site-specific basis as necessary to facilitate unencumbered amphibian access to and from vernal pools, such as the use of elevated construction matting. Mitigation measures will be identified after considering site-specific conditions, including the type of construction activity in proximity to a vernal pool, the amphibian species known to occur in the vernal pool, and seasonal conditions.
- The removal of low-growing vegetation around vernal pools would be minimized by utilizing construction mats where access is needed for the rebuild and reconducting portion of the work. If limited low growing woody vegetation (trees and shrubs) need to be removed to provide a stable surface for construction mat installation, the cut vegetation

(slash) would be left in place to provide cover and promote the development of coarse woody debris and detritus and to minimize soil disturbance.

- Appropriate E&S control measures would be designed and implemented in a manner that allows unencumbered amphibian access to vernal pools and migratory pathways and minimizes the potential for sediment deposition in wetlands, vernal pools, or breeding areas. Such measures may include, but not be limited to; syncopated silt fencing and/or straw wattles in the immediate vicinity of vernal pools, and aligning erosion and sedimentation controls to avoid bifurcating vernal pool habitat. The Project would avoid utilizing plastic netting, which may be found in a variety of erosion control products (e.g., erosion control blankets, straw wattles, and reinforced silt fence). Controls would be removed promptly after final stabilization has occurred.

B.4 SURFACE WATERS AND GROUNDWATER

The Project crosses over a portion of the Wassel Reservoir, a surface water supply that is classified as AA under the established CT DEEP Water Classification system. Class AA designated uses are existing or proposed drinking water supplies; habitat for fish and other aquatic life and wildlife; recreation; and water supply for industry and agriculture. The Project also crosses lands with groundwater classification of GAA. Class GAA designated uses are existing or potential public supply of water suitable for drinking without treatment and baseflow for hydraulically-connected surface water bodies. The GAA classified area extends from approximately structure 4135 north to the City of New Britain's water company facility off Shuttle Meadow Road. The Project is not expected to affect any of these water resources.

B.5 AIR QUALITY

Temporary construction-related effects to air quality are anticipated to be minor and of short duration. These effects are expected to result primarily from construction vehicle exhaust and from the potential for fugitive dust generated by ground disturbance and vehicle movements. During construction, Eversource will apply dust-suppression techniques, as appropriate, to mitigate fugitive dust emissions, including, but not limited to, the wetting of access roads and use of anti-tracking pads to keep sediment onsite and limit off-site tracking which could also cause soil particles to become airborne. Vehicles will follow state anti-idling regulations, which prohibit vehicles from unnecessary idling for a duration longer than three minutes.

B.6 NOISE

Temporary effects due to construction-related noise will be short-term, localized near the work sites and related primarily to the operation of construction vehicles and equipment. While it is not likely, if Eversource uses implosion connector technology to secure the conductors to insulators,

then Eversource will brief municipal officials and provide widespread notifications to residents and businesses in advance of the implosions.

B.7 SCENIC, CULTURAL AND RECREATIONAL VALUES

Scenic Resources

As previously described, the Project footprint is occupied by two sets of transmission structures within a corridor that is nearly evenly divided between developed residential areas and undeveloped land that includes agricultural uses and restricted-use public watershed lands. There are no mapped scenic resources near the ROW, such as scenic highways or scenic overlooks. As discussed below, the Metacomet Trail is part of a larger trail known as the “New England National Scenic Trail” which crosses the ROW. The replacement of an existing conductor and shield wire will not have any perceptible impacts on scenic resources.

Cultural Resources

Heritage Consultants, LLC (Heritage) performed a cultural resource review of the Project area to gather and present data regarding previously identified cultural resources situated within the vicinity of the proposed project corridor, including previously identified archaeological sites, National and State Register of Historic Places properties, and historic standing structures within (500 feet of the proposed project corridor.) A resource summary was developed based on a review of GIS data obtained from the Connecticut State Historic Preservation Office, as well as historical data, maintained by Heritage.

The review identified three previously recorded cultural resources located within 500 feet of the Project ROW. No previously identified archaeological sites are located within the Project ROW. However, twelve (12) structure locations, six (6) proposed access roads, and three (3) alternate access roads along Line 1670 were assessed as having moderate/high archaeologically sensitivity during the cultural resources review based on mapped soils and slope. As such, Heritage performed an on-site pedestrian survey of these locations on March 20, 2018 to determine the potential for cultural resources. The results of the pedestrian survey determined that all the above-referenced project items contained steep slopes, wet soils, or have been previously disturbed and can be reclassified as no/low sensitivity areas. No additional archaeological examination of these areas is recommended. Heritage provided the CT SHPO the

results of the initial cultural resource review and follow-up pedestrian survey. A response from the SHPO is pending.

There also are no State Register of Historic Places properties within 500 feet of the ROW. However, there are two National Register of Historic Places properties (the Roswell Moore II House, and the Rogers Farm Historic District) and a single, historic standing structure more than 50 years of age (Standing Structure 131-1981-171 which is also a National Register of Historic Places property: Woodruff House), within 500 feet of the project corridor. These structures are located between 200 and 400 feet away from the edge of the Project ROW. The reconductoring activities will not have any adverse effects on these three historic properties.

Parks and Recreational Areas

The Metacomet Trail crosses the ROW approximately 180 feet north of structure 4144 where it crosses an existing gravel access road for approximately 200 feet. The Metacomet Trail is a 62.7-mile blue-blazed hiking trail that traverses the Metacomet Ridge of central Connecticut and is a part of the newly designated "New England National Scenic Trail". Eversource will post signage on the trail near the edge of ROW during construction alerting trail users of ongoing construction activities and ensure that the Trail remains unobstructed and passable throughout construction.

B.8 VISUAL EFFECTS

The Project will not result in any changes, with respect to visual effects. The proposed reconductoring will not change the views of the ROW, as no ROW expansion clearing is required and no new structures will be installed within the existing ROW.

B.9 EROSION, SEDIMENTATION, AND STORMWATER CONTROL

The existing ROW in the Project area is currently stabilized with natural vegetation or with gravel access roads. Stormwater controls are limited to individual culverts and features to convey flows, such as drainage swales and ditches. There is no piped stormwater management system along the corridor; rainwater drains overland as sheet flow or through natural drainage features. The Project will obtain a CT DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities.

No significant negative effects are anticipated relative to erosion and sedimentation, based on the proposed scope of work and the implementation of BMPs.

BMPs for erosion and sedimentation (E&S) control will be in accordance with the CT DEEP's 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and Eversource's *Construction & Maintenance Environmental Requirements Best Management Practices Manual for Massachusetts and Connecticut* manual (September 2016).

Practices to prevent/control erosion and sedimentation that will be employed include, but are not limited to, the following:

- Minimizing areas to be cleared and grubbed;
- Protecting steep slopes and limiting work in these areas to the extent feasible;
- Phasing construction to limit the amount of disturbed area at any one time where practicable;
- Stabilizing exposed soils as soon as construction ceases in an area, rather than waiting until the end of construction for the entire project.
- Installation and maintenance of perimeter BMP controls that prevent migration of, or filter out, sediment;
- Frequent inspections of BMP controls and implementation of additional BMPs throughout construction, as needed;
- Review and assessment of BMP controls prior to storm events; and
- Inspection of BMP controls immediately after storm events.

Controls that will be implemented along work areas in the ROW to reduce/limit potential effects include construction mat installation and timber bridge construction in sensitive areas to avoid earth disturbance and thereby limit erosion and sedimentation, as well as typical controls such as perimeter controls (silt fence, straw bales, etc.), check dams, berms, sediment traps and basins, and restoration methods such as seeding with native seed mixes, mulching, and use of erosion control blankets. Controls will be maintained until final stabilization is achieved at each location.

C. CONSTRUCTION

Construction Sequence and Procedures

Eversource will conduct the Project in several stages, with some overlapping work activities. The timing and sequence of work may vary, based on site-specific conditions, final Project design, outage availability, and regulatory approval requirements. Eversource will complete pre-construction planning activities and consultation with affected municipalities and State agencies to further reduce the potential for adverse environmental impacts or impacts to the public.

The Project will be constructed in accordance with Eversource specifications, established industry practices, Eversource's BMPs, and the conditions of any permit or regulatory approvals. Construction equipment utilized during the execution of the work will include wood chippers, front loaders, reel trailers, bulldozers, cranes, forklifts, side booms, pickup trucks, concrete trucks, bucket trucks, and dumps trucks, as needed, along with smaller equipment (pumps, hand tools, etc.). Helicopters may be used for line work.

A typical construction sequence is provided below:

1. Pre-Construction Activities will include:
 - Survey and staking of the monumented line of corridor and ROW boundaries.
 - Flagging wetland and watercourse boundaries and areas of potential concern where avoidance or special procedures may be required.
2. ROW Construction Activities will include:
 - Vegetation mowing and removal.
 - Access road installation/improvement and work pad installation.
 - Installation of erosion and sedimentation controls.
 - Placing fill to reinforce foundations around certain existing tower legs.
 - Replacing conductors and associated hardware for the reconductoring work.
 - Replacing copper weld shield wire with OPGW.
 - Installing lightning arrestors.
3. ROW Restoration will include:
 - Removing and disposing of all construction debris.
 - Removing temporary matting used for access roads, work pads and pull pads.

- Stabilizing all disturbed areas through permanent vegetative or mechanical stabilization.
- Removing erosion and sedimentation controls following stabilization.

C.1. RESTORATION

After completion of the work, construction access roads and work pads in uplands will be left in place to facilitate future transmission line maintenance, unless directed to be removed by the landowner. Access roads, construction pads, and pull pads that may be located within a manicured or otherwise improved residential area will typically be removed, unless the landowner requests that they remain in place. Construction mats and temporary bridging will be removed after the Project is complete. Any areas of disturbance will be promptly stabilized to minimize the potential for soil erosion or the flow of sediment into resource areas and inspected until stabilization is complete and E&S controls are removed.

Any remaining construction debris or materials will be removed and disposed of or recycled per applicable regulations and Eversource policies and procedures.

C.2. CONSTRUCTION SCHEDULE AND WORK HOURS

The planned in-service date for the Project is November 21, 2018, however confirmation on outage schedule dates are still pending. Construction activities are planned to commence in the summer of 2018.

Construction work hours will be limited to daytime hours to be sensitive to the potential effects from construction-related noise on abutters. The work hours for the Project may vary depending on the construction phase, weather, and season, but typical work hours for the Project will be from 7 AM to 7 PM Monday through Saturday. Additionally, Sunday work may become necessary at times to maintain the critical path of the Project.

C.3. ENVIRONMENTAL MONITORING

Environmental monitoring for the Project construction will be conducted by qualified personnel as may be required by permits and approvals. As noted above, the Project is subject to the CT DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, which includes requirements for monitoring and inspections, based on

project size. These requirements will be met for the duration of the Project and until final stabilization is achieved.

D. ELECTRIC AND MAGNETIC FIELDS

Electric fields ("EF") are produced within the surrounding area of a conducting object (e.g., a wire) when a voltage is applied to it. Electric fields are measured in units of kilovolts per meter ("kV/m"). The level of an electric field near to an energized power line depends on the applied voltage, the distance between the conductors, and the distance to the measurement location.

Magnetic fields ("MF") are produced within the surrounding area of a conductor or device that is carrying an electric current. Magnetic fields are measured in units of milliGauss ("mG"). The level of a magnetic field near to line conductors carrying current depends on the magnitude of the current, the distance between conductors, and the distance from the conductors to the measurement location.

Both electric and magnetic fields decrease rapidly as the distance from the source increases. Electric fields are further weakened by obstructions such as trees and building walls, while magnetic fields pass through most obstructions. In the case of parallel lines of circuit conductors, the levels of EF and MF are also dependent on the phasing of the circuits.

Replacing the conductor on the 1670 Line would result in a negligible change in the electric and magnetic fields directly beneath the transmission lines and virtually no change at the edges of the ROW. There are no state or federal limits for electric or magnetic field levels at the property line of a substation. However, the Institute of Electrical and Electronic Engineers ("IEEE") and the International Commission on Non-ionizing Radiation Protection ("ICNIRP") have issued guideline limits for long-term public exposures to these fields. These limits are:

	EF (kV/m)	MF (mG)
IEEE	5.0	9,040
ICNIRP	4.2	2,000

The existing and proposed levels of electric and magnetic fields at and beyond ROW edges would be well below these IEEE and ICNIRP limits.

E. MUNICIPAL AND COMMUNITY OUTREACH

Prior to submitting this Petition, Eversource met with municipal officials in Southington, Berlin, and New Britain. Eversource presented an overview of the Project, answered questions, and provided a point of contact to obtain additional information. Project personnel initiated contact with property owners along the 1670 Line route to discuss the need for the Project as well as the scope of the work on their properties. The Project is committed to continuing to work with abutting land owners throughout the construction and remediation phases of the work. Outreach related to gaining off-ROW access agreements is underway with owners, as discussed earlier in this document.

Eversource sent a notification letter to the municipal officials of Berlin, New Britain and Southington, and to the abutting property owners informing them of the upcoming Petition filing to the Council on April 12, 2016. A copy of the Affidavit of Service of Notice is included as Attachment 3.

F. CONCLUSION

Based on the information provided herein, Eversource respectfully submits that the Project will not have a “substantial adverse environmental effect”.

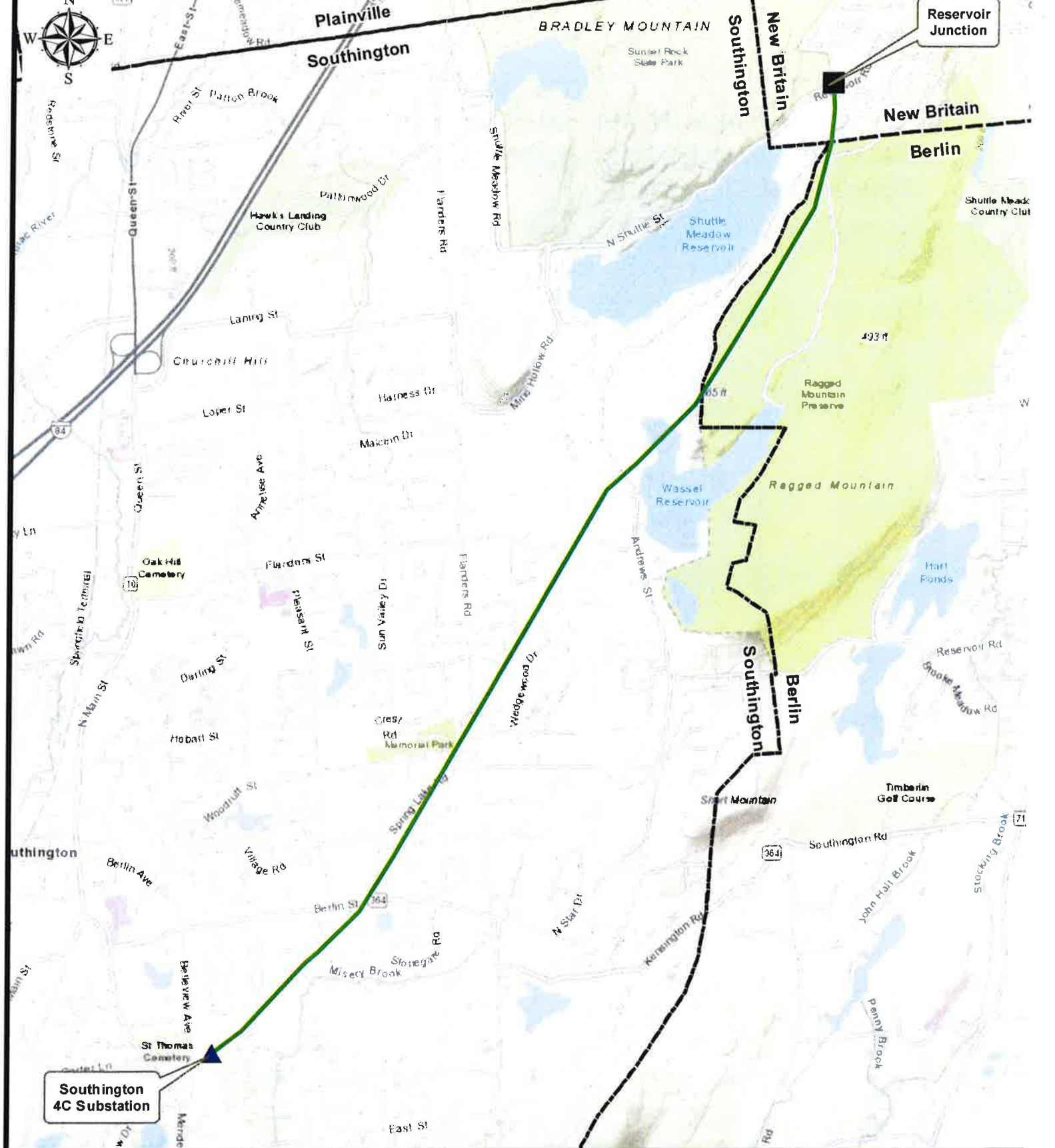
G. LIST OF ATTACHMENTS

ATTACHMENT 1: PROJECT LOCUS

ATTACHMENT 2: "LINE 1670 RECONDUCTORING PROJECT, SOUTHTON, BERLIN, AND NEW BRITAIN, CT, ENVIRONMENTAL RESOURCES MAP" DATED MARCH 26, 2018 ("PROJECT MAPS").

ATTACHMENT 3: AFFIDAVIT OF SERVICE OF NOTICE




ATTACHMENT 1:
PROJECT LOCUS

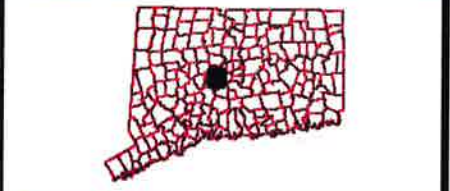


LOCUS MAP

**SOUTHINGTON TO RESERVOIR JUNCTION
RECONDUCTOR PROJECT**
City of New Britain and Towns of Southington
and Berlin (Hartford County), Connecticut

Legend

-  Substation
-  Junction
-  Location of Line 1670



ATTACHMENT 2:

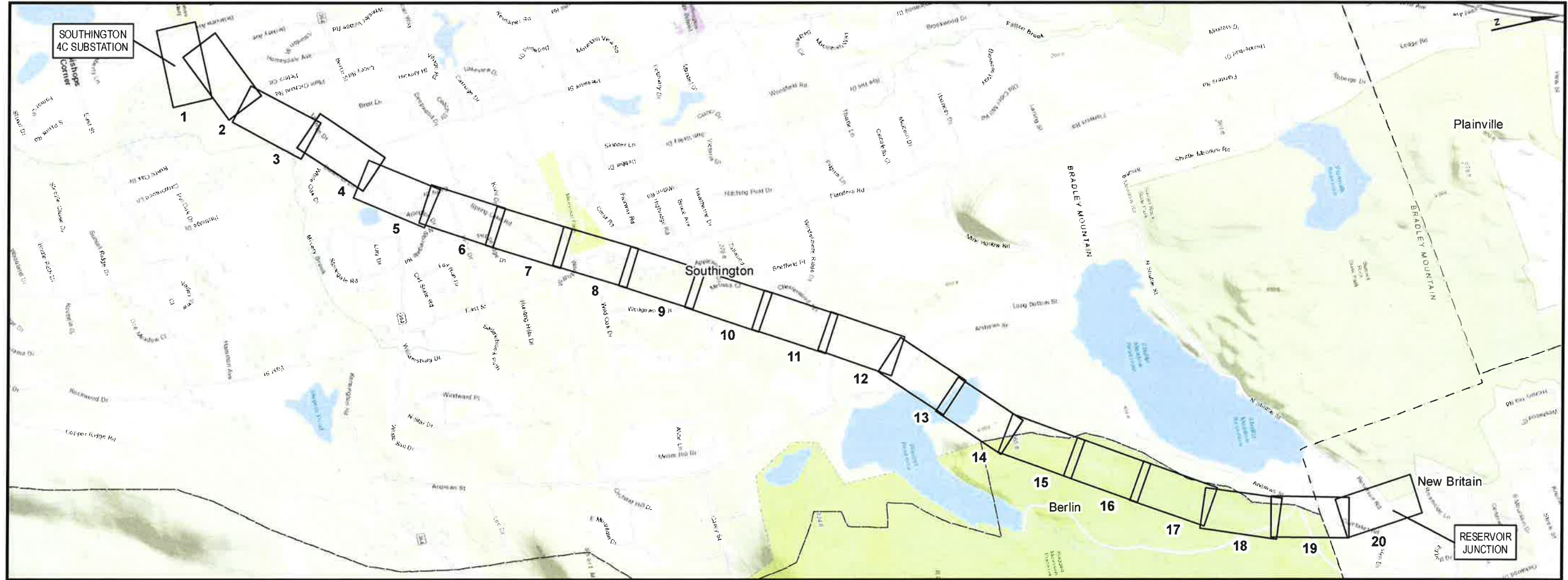
**"LINE 1670 RECONDUCTORING PROJECT, SOUTHTON, BERLIN, AND NEW
BRITAIN, CT, ENVIRONMENTAL RESOURCES MAP", DATED MARCH 26, 2018
("PROJECT MAPS").**

LINE 1670 RECONDUCTORING PROJECT

SOUTHINGTON SUBSTATION TO RESERVOIR JUNCTION

Southington, Berlin & New Britain, CT
Environmental Resources Map

FINAL
April 16, 2018



PREPARED FOR:

EVERSOURCE

107 Selden Street
Berlin, CT 06037

INDEX OF FIGURES

- T1 - TITLE SHEET
- 1 - 20 - PLAN SET SHEETS
- 1A - 20A - LINE LIST INFORMATION SHEETS

PREPARED BY:

BSC GROUP

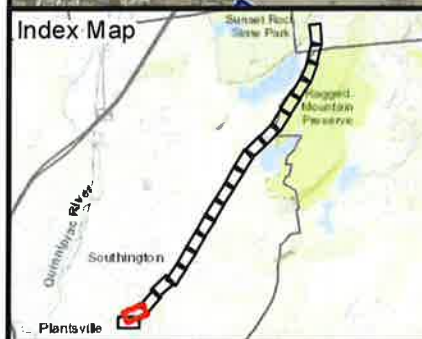
33 Waldo Street
Worcester, MA 01608

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
1	CONNECTICUT LIGHT & POWER	BELLEVIEW AVE	SOUTHINGTON	CT
2	FANTASIA R. JANAZZO	319 BELLEVIEW AVE	SOUTHINGTON	CT
3	JULIE M. CASEY	323 BELLEVIEW AVE	SOUTHINGTON	CT
4	TOWN OF SOUTHINGTON	BELLEVIEW AVE	SOUTHINGTON	CT
11	ST THOMAS C. C. CORP.	209 BELLEVIEW AVE	SOUTHINGTON	CT

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11	ST THOMAS C. C. CORP.	209 BELLEVIEW AVE	SOUTHINGTON	CT
12	CYNTHIA M. MERRILL	67 BERKLEY AVE	SOUTHINGTON	CT
13	MARY M. STEVENS	69 BERKLEY AVE	SOUTHINGTON	CT
14	ALAN PARADIS	71 BERKLEY AVE	SOUTHINGTON	CT
15	ROCHELLE OVERTON	73 BERKLEY AVE	SOUTHINGTON	CT
16	FORMAT LLC	80 HOMESDALE AVE	SOUTHINGTON	CT
17	DAVID R. STONE	78 HOMESDALE AVE	SOUTHINGTON	CT
18	CHRISTINE A. ZYSK	76 HOMESDALE AVE	SOUTHINGTON	CT
19	RICHARD L. BRAYALL	74 HOMESDALE AVE	SOUTHINGTON	CT
20	TOWN OF SOUTHINGTON	HOMESDALE AVE	SOUTHINGTON	CT
21	DYLAN-JAMES PELLRINE	152 PETERS CIR	SOUTHINGTON	CT
22	CARL J. BELLINGHAUSEN	141 PETERS CIR	SOUTHINGTON	CT
23	NATIONSTAR MORTGAGE	171 PLUM ORCHARD RD	SOUTHINGTON	CT
24	DAVID PERRY	165 PLUM ORCHARD RD	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	▭ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	▭ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	▭ Municipal Boundary	
▭ Improve Existing Access	— Delineated Wetland Boundary	▭ Proposed Laydown Yard	
▭ Proposed Alternate Access	▭ Delineated Wetland	▭ Gate	
▭ Gravel Work Pad	▭ Eversource Owned Property	○ Culvert	
▭ Gravel Pull Pad	▭ Line List Parcel	○ Hiking Trail	
▭ Temporary Construction Mat	LL #100 Line List Labels	— Existing Fence	
▭ Existing Right Of Way	▭ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018
 Southington, CT
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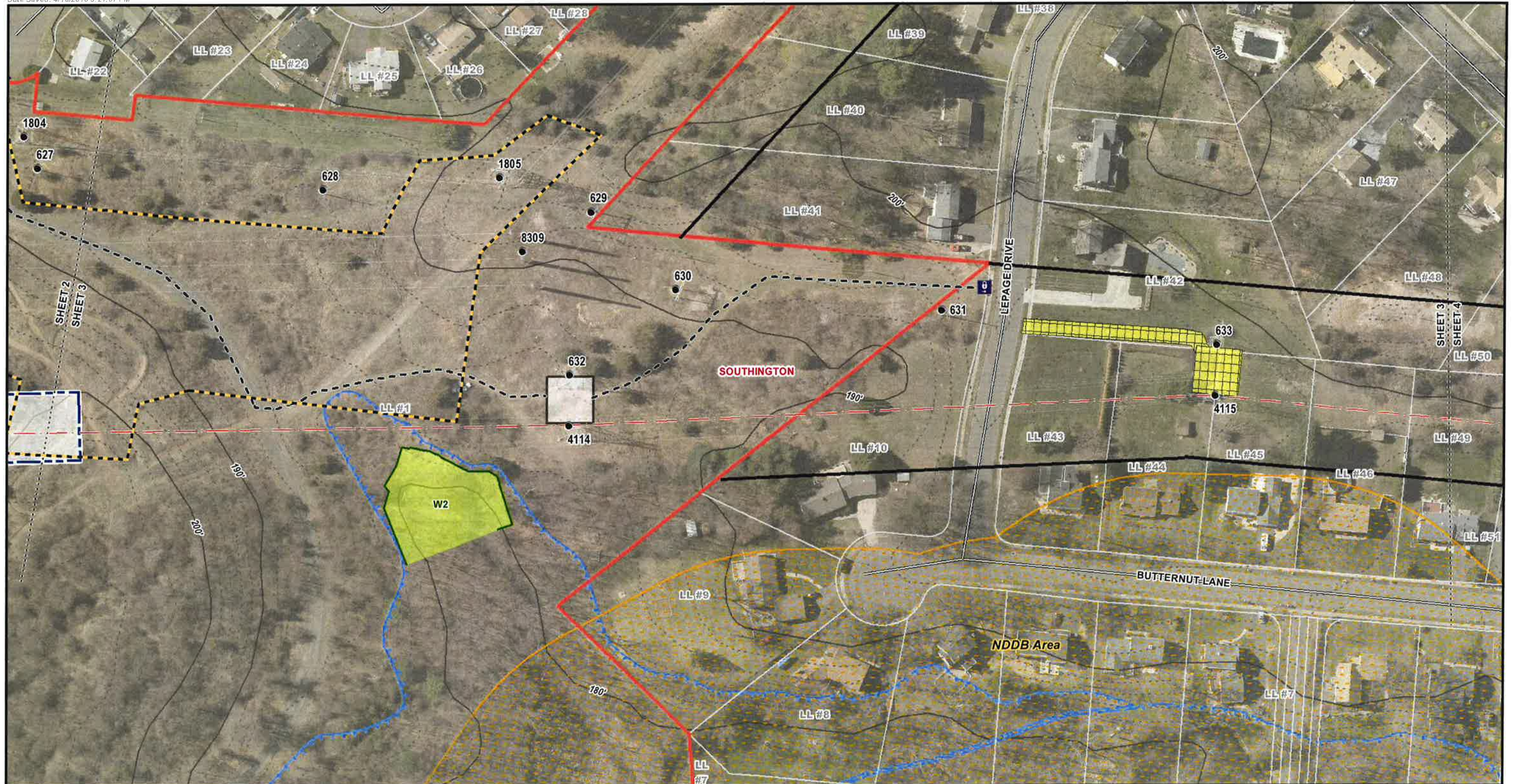
1 inch = 100 feet
 0 50 100
 Feet

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, IGN, Kadaster
 NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the
 GIS User Community

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1	CONNECTICUT LIGHT & POWER	BELLEVIEW AVE	SOUTHINGTON	CT
7	SUSAN KEKACS	BUTTERNUT LA	SOUTHINGTON	CT
8	CHARLES L. WISCHENBART	217 BUTTERNUT LA	SOUTHINGTON	CT
9	JOSEPH S. JR. CIANCI	227 BUTTERNUT LA	SOUTHINGTON	CT
10	JOSEPH PHILIPS	210 BUTTERNUT LA	SOUTHINGTON	CT
22	CARL J. BELLINGHAUSEN	141 PETERS CIR	SOUTHINGTON	CT
23	NATIONSTAR MORTGAGE	171 PLUM ORCHARD RD	SOUTHINGTON	CT
24	DAVID PERRY	165 PLUM ORCHARD RD	SOUTHINGTON	CT
25	DAN MCINTYRE	159 PLUM ORCHARD RD	SOUTHINGTON	CT
26	21ST MORTGAGE CORPORATION	153 PLUM ORCHARD RD	SOUTHINGTON	CT
27	NANCY L. SCHOFIELD	147 PLUM ORCHARD RD	SOUTHINGTON	CT
28	JUSTIN TRZCINSKI	141 PLUM ORCHARD RD	SOUTHINGTON	CT
38	ALYCE W. DEANGELO	65 LEPAGE DR	SOUTHINGTON	CT
39	ABDERRAHIM FARES	57 LEPAGE DR	SOUTHINGTON	CT
40	DONNA PALI	47 LEPAGE DR	SOUTHINGTON	CT
41	PAUL GENDREAU	37 LEPAGE DR	SOUTHINGTON	CT
42	EDWARD ASKLAR	LEPAGE DR	SOUTHINGTON	CT
43	RUSSELL L. JR. BAIM	200 BUTTERNUT LA	SOUTHINGTON	CT
44	MARY T. MACHIETTO	190 BUTTERNUT LA	SOUTHINGTON	CT
45	DONNA M. LACELLS	178 BUTTERNUT LA	SOUTHINGTON	CT
46	PATRICK J. CANNAN	166 BUTTERNUT LA	SOUTHINGTON	CT
47	DAVID J. TOCE	114 LEPAGE DR	SOUTHINGTON	CT
48	PATRICIA P. SEMPLICE	124 LEPAGE DR	SOUTHINGTON	CT
49	DONNA M. WELLS	156 BUTTERNUT LA	SOUTHINGTON	CT
50	ELAINE M. HOBART	134 LEPAGE DR	SOUTHINGTON	CT
51	BRIAN D. MANGENE	146 BUTTERNUT LA	SOUTHINGTON	CT



Legend

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🏠 Gravel Work Pad	🔴 Eversource Owned Property	⚙️ Culvert	
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🏠 Temporary Construction Mat	🏠 LL #100 Line List Labels	🚧 Existing Fence	
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Environmental Resources Map
FINAL - April 16, 2018

Southington, CT
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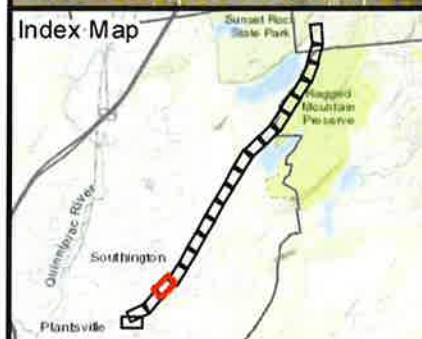
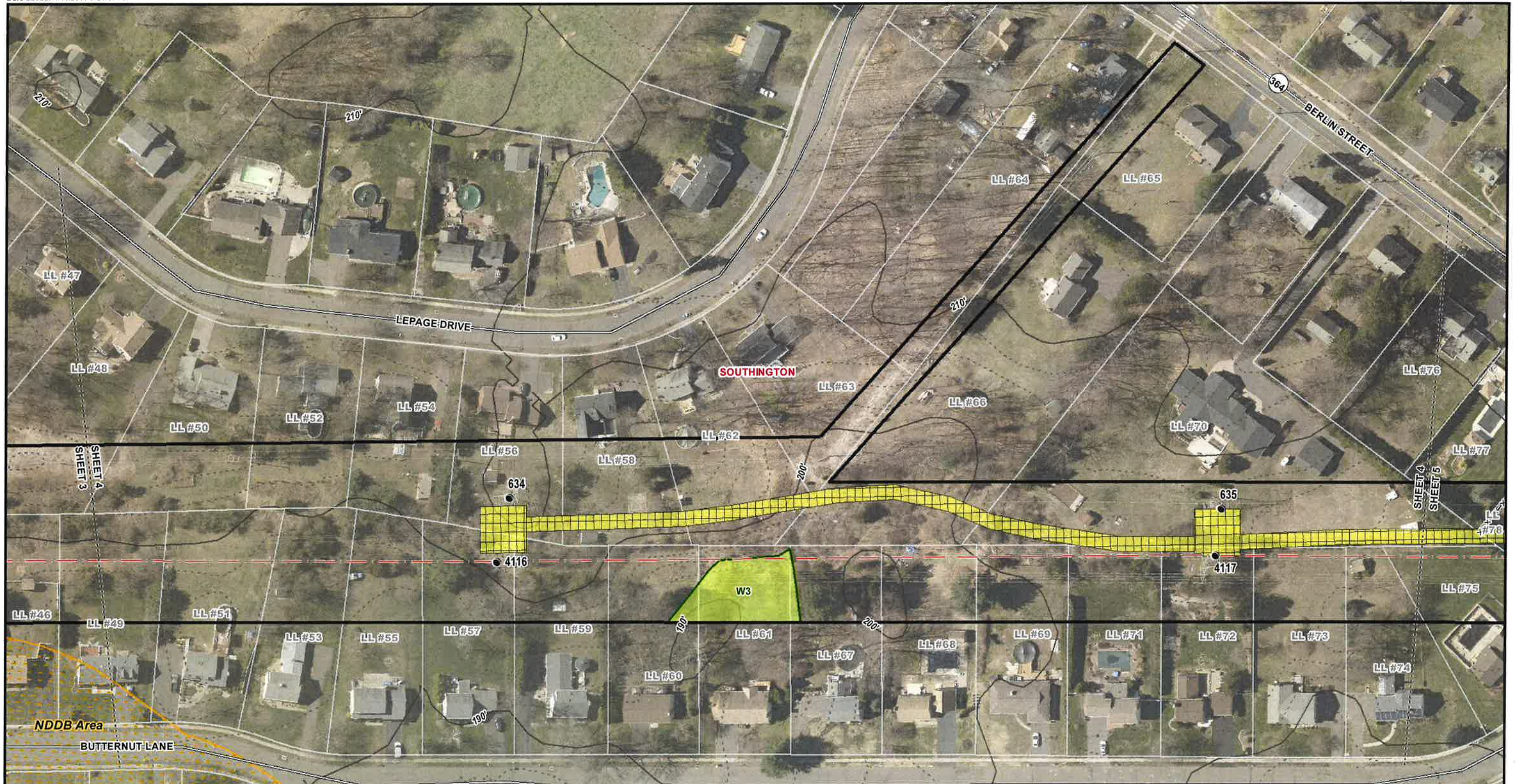
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51	BRIAN D. MANGENE	146 BUTTERNUT LA	SOUTHINGTON	CT
52	LINDA M. LAFORGE	144 LEPAGE DR	SOUTHINGTON	CT
53	MARGARET M MONIZ	138 BUTTERNUT LA	SOUTHINGTON	CT
54	JOHN H. TATTERSALL	154 LEPAGE DR	SOUTHINGTON	CT
55	MATHEW GAWEL	134 BUTTERNUT LA	SOUTHINGTON	CT
56	PAUL SAO	166 LEPAGE DR	SOUTHINGTON	CT
57	KEITH ANDERSON	130 BUTTERNUT LA	SOUTHINGTON	CT
58	SUSAN J. MORRISSEY	176 LEPAGE DR	SOUTHINGTON	CT
59	THOMAS S. JANIK	120 BUTTERNUT LA	SOUTHINGTON	CT
60	GLENN E. MURANO	110 BUTTERNUT LA	SOUTHINGTON	CT
61	ADRIAN MYCEK	100 BUTTERNUT LA	SOUTHINGTON	CT
62	JEREMY R. JOHNSTON	184 LEPAGE DR	SOUTHINGTON	CT
63	LEONARD A. MATTAS	192 LEPAGE DR	SOUTHINGTON	CT
64	JAN P. LOPATOSKY	339 BERLIN ST	SOUTHINGTON	CT
65	DAVID B. ZAKREWSKY	355 BERLIN ST	SOUTHINGTON	CT
66	MICHAEL J. TURNER	359 BERLIN ST	SOUTHINGTON	CT
67	MARK A. RODRIGUES	90 BUTTERNUT LA	SOUTHINGTON	CT
68	PAUL T. REYNOLDS	80 BUTTERNUT LA	SOUTHINGTON	CT
69	JOHN F. SUSI	70 BUTTERNUT LA	SOUTHINGTON	CT
70	WILLIAM V. JR. DEPAOLO	371 BERLIN ST	SOUTHINGTON	CT
71	STEPHEN J. FABIAN	60 BUTTERNUT LA	SOUTHINGTON	CT
72	MARY-JO TORCELLO	50 BUTTERNUT LA	SOUTHINGTON	CT
73	JUDITH LIMMER	40 BUTTERNUT LA	SOUTHINGTON	CT
74	MATHEW G. KEAL	32 BUTTERNUT LA	SOUTHINGTON	CT
75	EDWARD J. THOMPSON	20 BUTTERNUT LA	SOUTHINGTON	CT
76	RENEE DONOFRIO	385 BERLIN ST	SOUTHINGTON	CT
77	DOUGLAS R. WOSCYNA	393 BERLIN ST	SOUTHINGTON	CT
78	EDWARD J. OCONNELL	401 BERLIN ST	SOUTHINGTON	CT



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 Southington, CT
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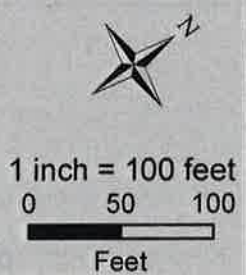
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Line List	Owner Name	Site Address	Town	State
70	WILLIAM V. JR. DEPAOLO	371 BERLIN ST	SOUTHINGTON	CT
73	JUDITH LIMMER	40 BUTTERNUT LA	SOUTHINGTON	CT
74	MATHEW G. KEAL	32 BUTTERNUT LA	SOUTHINGTON	CT
75	EDWARD J. THOMPSON	20 BUTTERNUT LA	SOUTHINGTON	CT
76	RENEE DONOFRIO	385 BERLIN ST	SOUTHINGTON	CT
77	DOUGLAS R. WOSCYNA	393 BERLIN ST	SOUTHINGTON	CT
78	EDWARD J. OCONNELL	401 BERLIN ST	SOUTHINGTON	CT
79	JOEL J. JR. CONTE	17 BUTTERNUT LA	SOUTHINGTON	CT
80	GARY TOMASSETTI	7 BUTTERNUT LA	SOUTHINGTON	CT
81	YANKEE GAS SERVICES COMPANY	453 BERLIN ST	SOUTHINGTON	CT
82	JASON RICH	424 BERLIN ST	SOUTHINGTON	CT
83	CHAD E. VALK	434 BERLIN ST	SOUTHINGTON	CT
84	TOWN OF SOUTHINGTON	BERLIN ST-REAR	SOUTHINGTON	CT
85	JOHN L. BRUETSCH	452 BERLIN ST	SOUTHINGTON	CT
86	ARISTOTLE EMAMI	464 BERLIN ST	SOUTHINGTON	CT
87	RICHARD B. PANEK	88 CATHY DR	SOUTHINGTON	CT
88	JOHN RICHARD ROY	102 CATHY DR	SOUTHINGTON	CT
89	PETER BALLOLLI	83 CATHY DR	SOUTHINGTON	CT
90	CAROLE J. PETERSON	56 ARLINGTON DR	SOUTHINGTON	CT
91	MICHAEL PORRETTI	ARLINGTON DR	SOUTHINGTON	CT
92	JUNE E. LAMARRE	63 CATHY DR	SOUTHINGTON	CT
93	SUZANNE M. BLAISE	55 CATHY DR	SOUTHINGTON	CT
94	DEBORAH FRANKFURTER	74 ARLINGTON DR	SOUTHINGTON	CT
95	JOHN D. KANIA	82 ARLINGTON DR	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	FEMA 100-Year Flood Zone	- - - 2' Contour
Proposed Access	Edge of Watercourse	Municipal Boundary	
Improve Existing Access	Delineated Wetland Boundary	Proposed Laydown Yard	
Proposed Alternate Access	Delineated Wetland	Gate	
Gravel Work Pad	Eversource Owned Property	Culvert	
Gravel Pull Pad	Line List Parcel	Hiking Trail	
Temporary Construction Mat	Line List Labels	Existing Fence	
Existing Right Of Way	Natural Diversity Database Area		



LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018

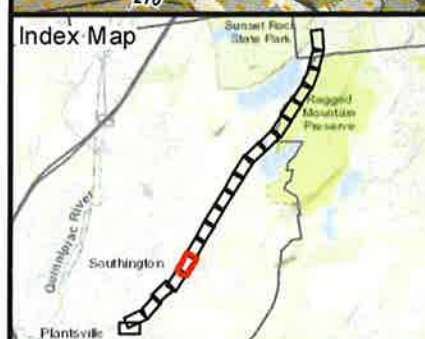
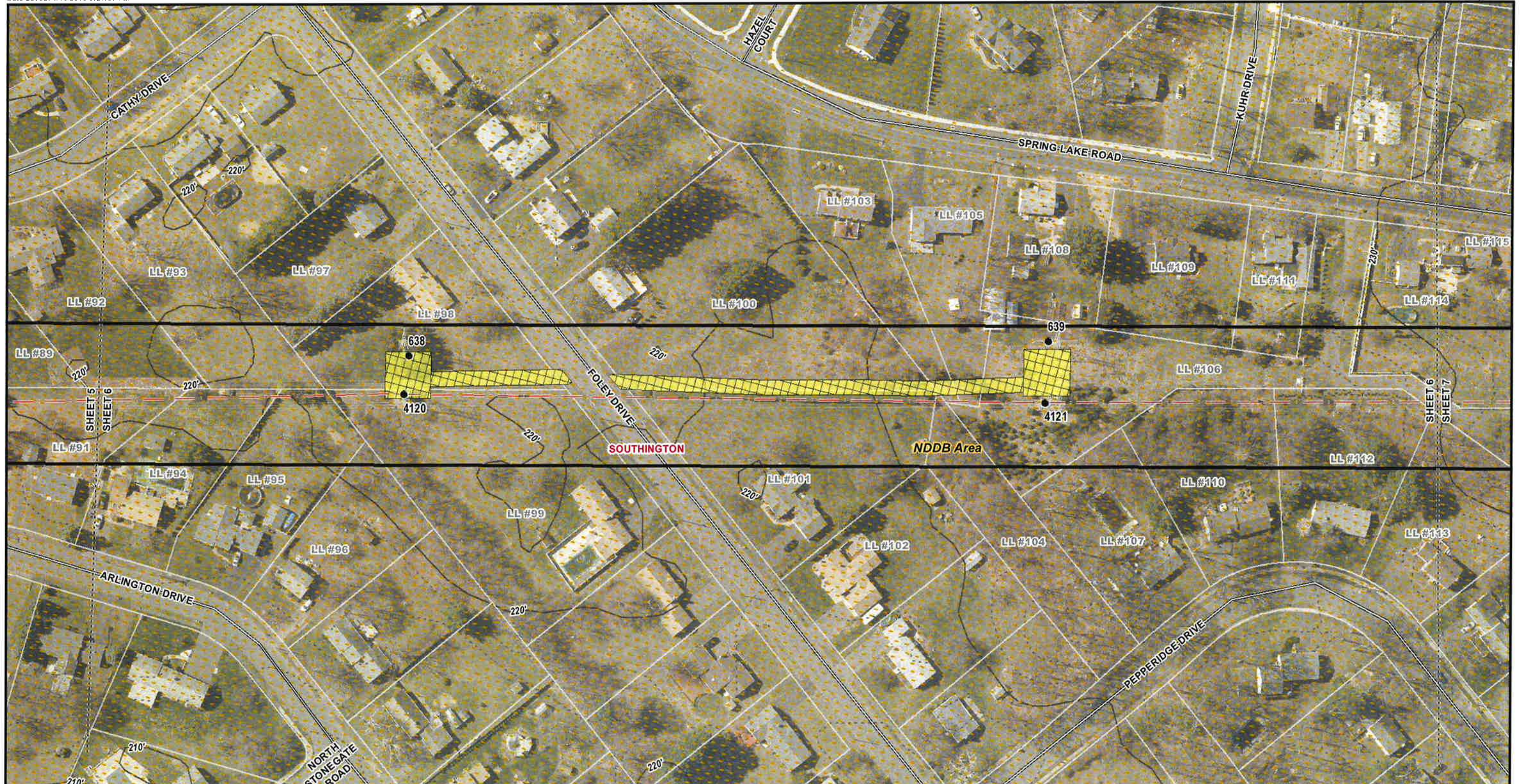
Southington, CT
 Page 5 of 20

Source:
 -CT DEEP
 Basemap & Environmental Data
 -Aerial & Topo Imagery
 ESRI, DigitalGlobe, GeoEye, i-cubed,
 DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA,
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 NL, Ordnance Survey, ESRI Japan, METI,
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**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
89	PETER BALLOLLI	83 CATHY DR	SOUTHINGTON	CT
90	CAROLE J. PETERSON	56 ARLINGTON DR	SOUTHINGTON	CT
91	MICHAEL PORRETTI	ARLINGTON DR	SOUTHINGTON	CT
92	JUNE E. LAMARRE	63 CATHY DR	SOUTHINGTON	CT
93	SUZANNE M. BLAISE	55 CATHY DR	SOUTHINGTON	CT
94	DEBORAH FRANKFURTER	74 ARLINGTON DR	SOUTHINGTON	CT
95	JOHN D. KANIA	82 ARLINGTON DR	SOUTHINGTON	CT
96	BEVERLY J. KRATZKE	88 ARLINGTON DR	SOUTHINGTON	CT
97	JEAN A. GRZESCZYK	22 FOLEY DR	SOUTHINGTON	CT
98	MARY SELMI	32 FOLEY DR	SOUTHINGTON	CT
99	MICHAEL S. KORBABICZ	62 FOLEY DR	SOUTHINGTON	CT
100	JEREMY M. MONGILLO	43 FOLEY DR	SOUTHINGTON	CT
101	NORMAND J. PLOURDE	71 FOLEY DR	SOUTHINGTON	CT
102	KENNETH J. ARANSKY	85 FOLEY DR	SOUTHINGTON	CT
103	BRIAN C. ZEHNDER	178 SPRING LAKE RD	SOUTHINGTON	CT
104	ROBERT STATHIS	PEPPERIDGE DR	SOUTHINGTON	CT
105	STEPHEN J. FABIAN	188 SPRING LAKE RD	SOUTHINGTON	CT
106	JANICE S. PEPE	236 SPRING LAKE RD	SOUTHINGTON	CT
107	YURIY MITELMAN	34 PEPPERIDGE DR	SOUTHINGTON	CT
108	PAUL SHAPPY	198 SPRING LAKE RD	SOUTHINGTON	CT
109	BRYAN G. DIDONATO	210 SPRING LAKE RD	SOUTHINGTON	CT
110	OREFICE JOHN J. DONNA C.	42 PEPPERIDGE DR	SOUTHINGTON	CT
111	RICHARD C. CALVO	226 SPRING LAKE RD	SOUTHINGTON	CT
112	FRANK L. KOHL	50 PEPPERIDGE DR	SOUTHINGTON	CT
113	JOAN P. LOWELL	58 PEPPERIDGE DR	SOUTHINGTON	CT
114	ROBERT CATUCCI	246 SPRING LAKE RD	SOUTHINGTON	CT
115	EMILY INDOMENICO	264 SPRING LAKE RD	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	🌿 Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	🌊 FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	🏠 Municipal Boundary	
▬ Improve Existing Access	— Delineated Wetland Boundary	🏗️ Proposed Laydown Yard	
⬭ Proposed Alternate Access	🟡 Delineated Wetland	🚪 Gate	
🟡 Gravel Work Pad	🔴 Eversource Owned Property	⦿ Culvert	
🟢 Gravel Pull Pad	📄 Line List Parcel	👤 Hiking Trail	
🟡 Temporary Construction Mat	📄 LL #100 Line List Labels	⦿ Existing Fence	
▬ Existing Right Of Way	🟡 Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018

Southington, CT
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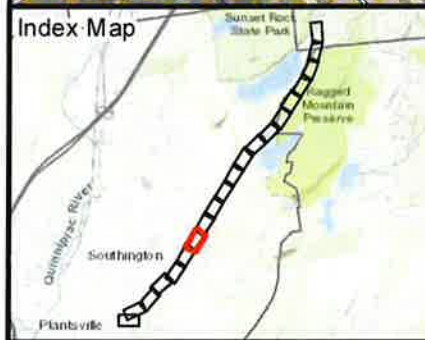
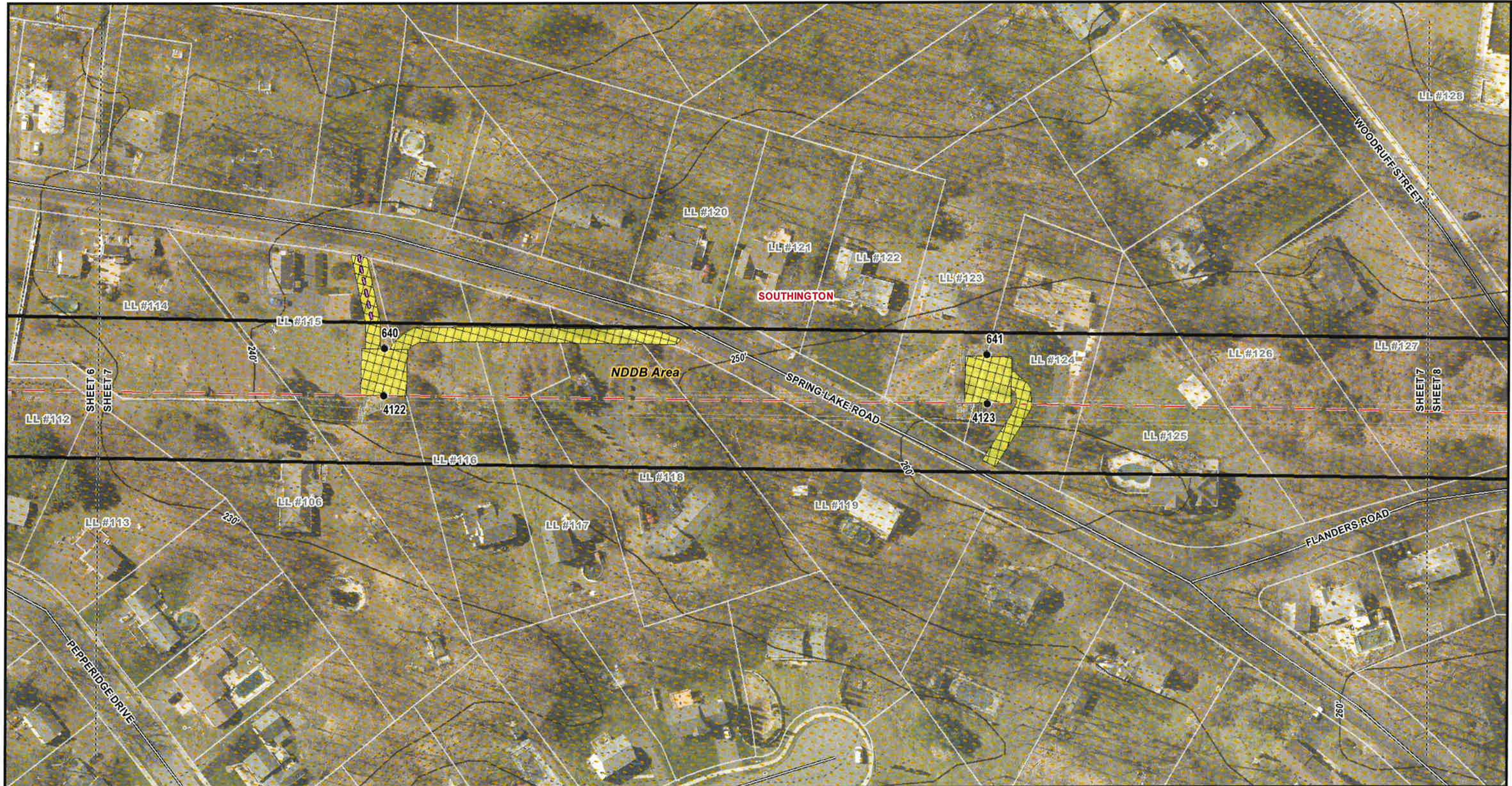
1 inch = 100 feet
 0 50 100
 Feet

Source:
 -CT DEEP
 Basemap & Environmental Data
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 ESRI, DigitalGlobe, GeoEye, i-cubed,
 DeLorme, NAVTEQ, TomTom, Intermap,
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 ESRI China (Hong Kong), swisstopo, & the
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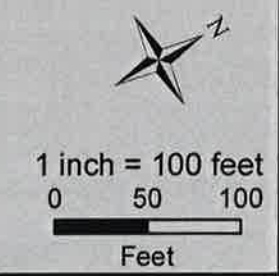
**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
106	JANICE S. PEPE	236 SPRING LAKE RD	SOUTHINGTON	CT
112	FRANK L. KOHL	50 PEPPERIDGE DR	SOUTHINGTON	CT
113	JOAN P. LOWELL	58 PEPPERIDGE DR	SOUTHINGTON	CT
114	ROBERT CATUCCI	246 SPRING LAKE RD	SOUTHINGTON	CT
115	EMILY INDOMENICO	264 SPRING LAKE RD	SOUTHINGTON	CT
116	CHRISTOPHER BOLAND	280 SPRING LAKE RD	SOUTHINGTON	CT
117	JOHN CERRA	294 SPRING LAKE RD	SOUTHINGTON	CT
118	MOLLY ZAWISZA	302 SPRING LAKE RD	SOUTHINGTON	CT
119	CHRISTOPHER R. SMITH	270 SPRING LAKE RD	SOUTHINGTON	CT
120	BRENDA A. FORNACIARI	305 SPRING LAKE RD	SOUTHINGTON	CT
121	JANET K. CARUSO	315 SPRING LAKE RD	SOUTHINGTON	CT
122	PATRICK P. SORRENTINO	325 SPRING LAKE RD	SOUTHINGTON	CT
123	BRIAN M. LENDROTH	335 SPRING LAKE RD	SOUTHINGTON	CT
124	WILLIAM F. DUDZIK	347 SPRING LAKE RD	SOUTHINGTON	CT
125	JUSTIN S. FRIAR	365 SPRING LAKE RD	SOUTHINGTON	CT
126	RYAN VILAR	795 WOODRUFF ST	SOUTHINGTON	CT
127	LEWIS JR. ENAMA	807 WOODRUFF ST	SOUTHINGTON	CT
128	TOWN OF SOUTHINGTON	776 WOODRUFF ST-VETS MEM PRK	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	🌿 Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	🏠 FEMA 100-Year Flood Zone	- - - 2' Contour
🚧 Proposed Access	— Edge of Watercourse	🏛️ Municipal Boundary	
🛣️ Improve Existing Access	— Delineated Wetland Boundary	🏠 Proposed Laydown Yard	
🛣️ Proposed Alternate Access	🟡 Delineated Wetland	🚪 Gate	
🏠 Gravel Work Pad	🔴 Eversource Owned Property	🚰 Culvert	
🏠 Gravel Pull Pad	🏠 Line List Parcel	🚶 Hiking Trail	
🟡 Temporary Construction Mat	🏠 LL #100 Line List Labels	🚧 Existing Fence	
— Existing Right Of Way	🟡 Natural Diversity Database Area		



LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018

Southington, CT
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Source:
 -CT DEEP
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 ESRI, DigitalGlobe, GeoEye, i-cubed,
 DeLorme, NAVTEQ, TomTom, Intermap,
 increment P Corp., AEX, GEBCO, USDA,
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Line 1670 Reconductoring Project Line List Information

Line List	Owner Name	Site Address	Town	State
126	RYAN VILAR	795 WOODRUFF ST	SOUTHINGTON	CT
127	LEWIS JR. ENAMA	807 WOODRUFF ST	SOUTHINGTON	CT
128	TOWN OF SOUTHINGTON	776 WOODRUFF ST-VETS MEM PRK	SOUTHINGTON	CT
129	TOWN OF SOUTHINGTON	FLANDER RD	SOUTHINGTON	CT
130	BRIAN L. CYR	90 FLANDERS RD	SOUTHINGTON	CT
131	KARL JR. SCHMIDT	71 FLANDERS RD	SOUTHINGTON	CT
132	JEFFREY LEVESQUE	104 FLANDERS RD	SOUTHINGTON	CT
133	STANISLAW JURSKI	25 WILD OAK DR	SOUTHINGTON	CT
134	REMI G. DUBUQUE	35 WILD OAK DR	SOUTHINGTON	CT
135	TOWN OF SOUTHINGTON	FLANDERS RD (OPEN SPACE)	SOUTHINGTON	CT
136	NICOLE M. GIVENS	25 SHAGBARK DR	SOUTHINGTON	CT
137	WLADYSLAW JARZEBOWSKI	37 SHAGBARK DR	SOUTHINGTON	CT
138	DAVID S. SEEBAUER	53 SHAGBARK DR	SOUTHINGTON	CT
139	ELIZABETH POKORSKI	197 FLANDERS RD	SOUTHINGTON	CT
140	CHARLES M. SMEDES	67 SHAGBARK DR	SOUTHINGTON	CT
142	JANE H. NICHOLS	207 FLANDERS RD	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	— Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	■ LL #100 Line List Labels	— Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018
 Southington, CT
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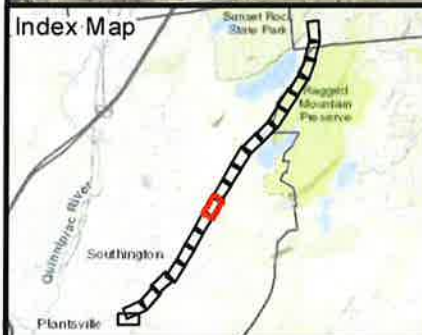
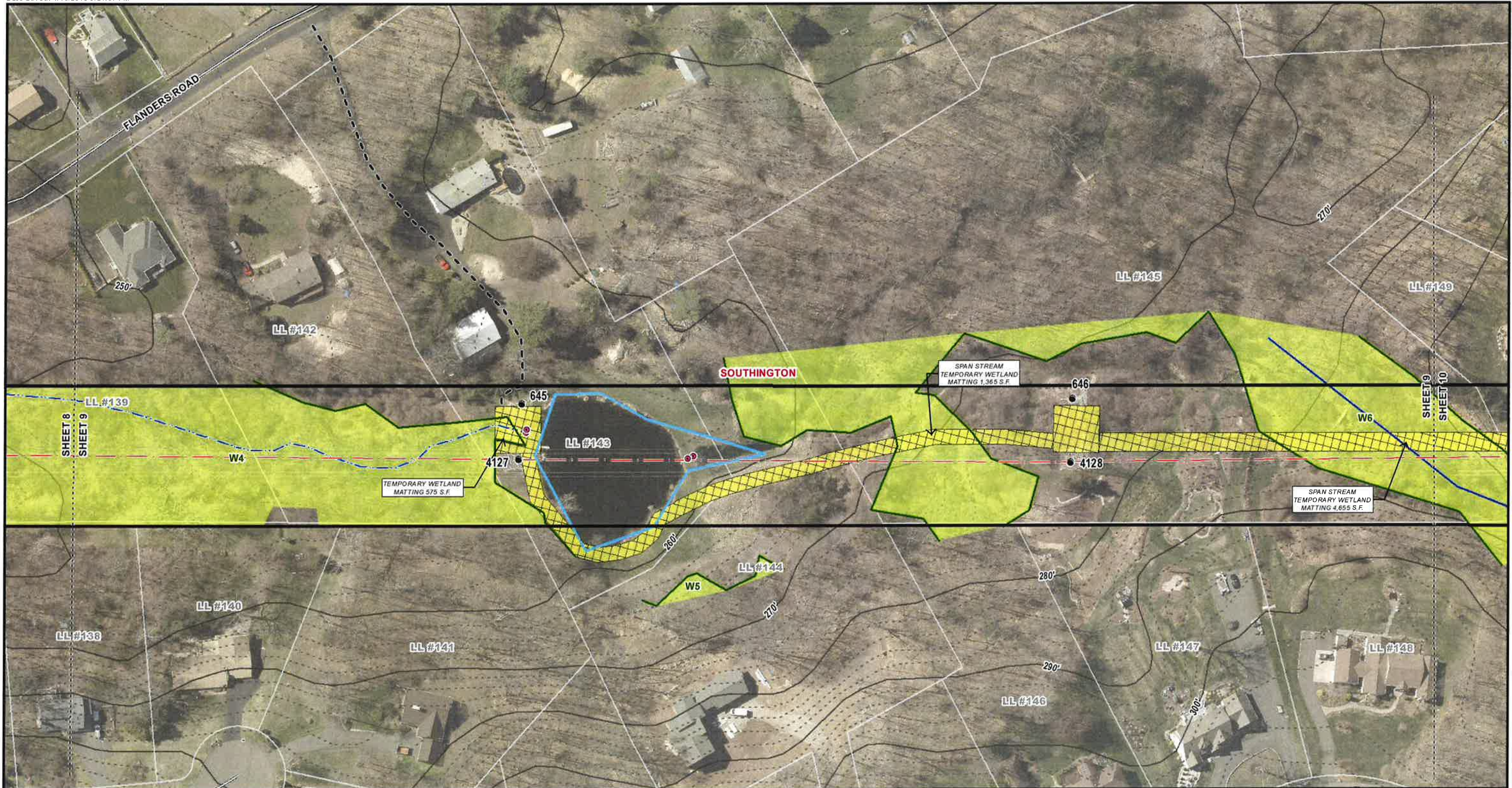
1 inch = 100 feet
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 Feet

Source:
 -CT DEEP
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**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
138	DAVID S. SEEBAUER	53 SHAGBARK DR	SOUTHINGTON	CT
139	ELIZABETH POKORSKI	197 FLANDERS RD	SOUTHINGTON	CT
140	CHARLES M. SMEDES	67 SHAGBARK DR	SOUTHINGTON	CT
141	ANTHONY P. PELUSO	77 SHAGBARK DR	SOUTHINGTON	CT
142	JANE H. NICHOLS	207 FLANDERS RD	SOUTHINGTON	CT
143	CLIFFORD STAKEY	217 FLANDERS RD	SOUTHINGTON	CT
144	MARCIN ZABLOCKI	113 WEDGEWOOD RD	SOUTHINGTON	CT
145	MARIO PAOLETTO	STAKEY FARM RD	SOUTHINGTON	CT
146	MARIO PAOLETTO PAOLETTO	139 WEDGEWOOD RD	SOUTHINGTON	CT
147	JAMIE M. SEWELL	155 WEDGEWOOD RD	SOUTHINGTON	CT
148	DERALD THERIAULT	169 WEDGEWOOD RD	SOUTHINGTON	CT
149	CHARLES H. SR. SULLIVAN	86 MELISSA CT	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	■ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	LL #100 Line List Labels	— Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018
 Southington, CT
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Source:
 -CT DEEP
 Basemap & Environmental Data
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 ESRI, DigitalGlobe, GeoEye, i-cubed,
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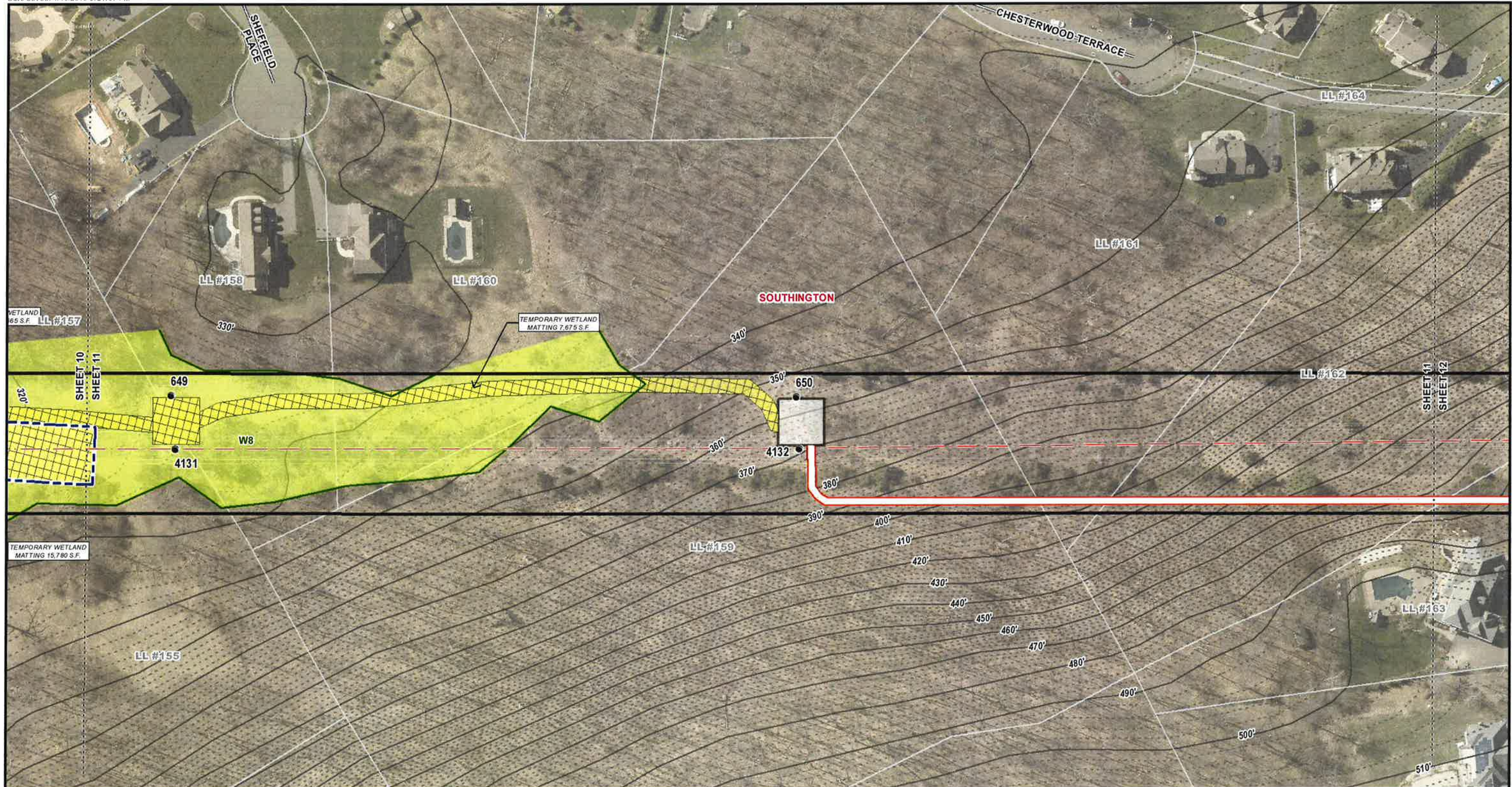
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BSC GROUP

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
145	MARIO PAOLETTO	STAKEY FARM RD	SOUTHINGTON	CT
148	DERALD THERIAULT	169 WEDGEWOOD RD	SOUTHINGTON	CT
149	CHARLES H. SR. SULLIVAN	86 MELISSA CT	SOUTHINGTON	CT
150	WALTER J. LAPPEN	87 MELISSA CT	SOUTHINGTON	CT
151	LEIGH C EPPLE	77 MELISSA CT	SOUTHINGTON	CT
152	JOHN R. CUNNINGHAM	55 MELISSA CT	SOUTHINGTON	CT
153	NICHOLAS J. GENTILE	35 SHERRY DR	SOUTHINGTON	CT
154	DEBRA T. KURTZ	31 MELISSA CT	SOUTHINGTON	CT
155	SHERRY L. DAVENPORT	TALLWOOD DR REAR	SOUTHINGTON	CT
156	MOUNT VERNON INC	TALLWOOD DR	SOUTHINGTON	CT
157	DIANA H. PUTNAM	157 TALLWOOD DR	SOUTHINGTON	CT
158	ERIC ARDOLINO	140 SHEFFIELD PLACE	SOUTHINGTON	CT

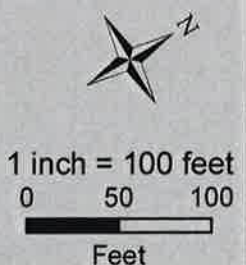
**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
155	SHERRY L. DAVENPORT	TALLWOOD DR REAR	SOUTHINGTON	CT
157	DIANA H. PUTNAM	157 TALLWOOD DR	SOUTHINGTON	CT
158	ERIC ARDOLINO	140 SHEFFIELD PLACE	SOUTHINGTON	CT
159	TOWN OF SOUTHINGTON	CHESTERWOOD TERRACE (REAR)	SOUTHINGTON	CT
160	RAYMOND W. HARDY	143 SHEFFIELD PLACE	SOUTHINGTON	CT
161	JAMES W. LOMBARDO	258 CHESTERWOOD TERRACE	SOUTHINGTON	CT
162	TODD D. RITCHIE	270 CHESTERWOOD TERRACE	SOUTHINGTON	CT
163	DAVID L. THRELKELD	115 RESERVOIR RIDGE DR	SOUTHINGTON	CT
164	ALLISON B. HAMLIN	287 CHESTERWOOD TERRACE	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	▨ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	▨ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	▨ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	▨ Proposed Laydown Yard	
○ Proposed Alternate Access	▨ Delineated Wetland	▨ Gate	
▨ Gravel Work Pad	▨ Eversource Owned Property	○ Culvert	
▨ Gravel Pull Pad	▨ Line List Parcel	○ Hiking Trail	
▨ Temporary Construction Mat	LL #100 Line List Labels	×-× Existing Fence	
— Existing Right Of Way	▨ Natural Diversity Database Area		



LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

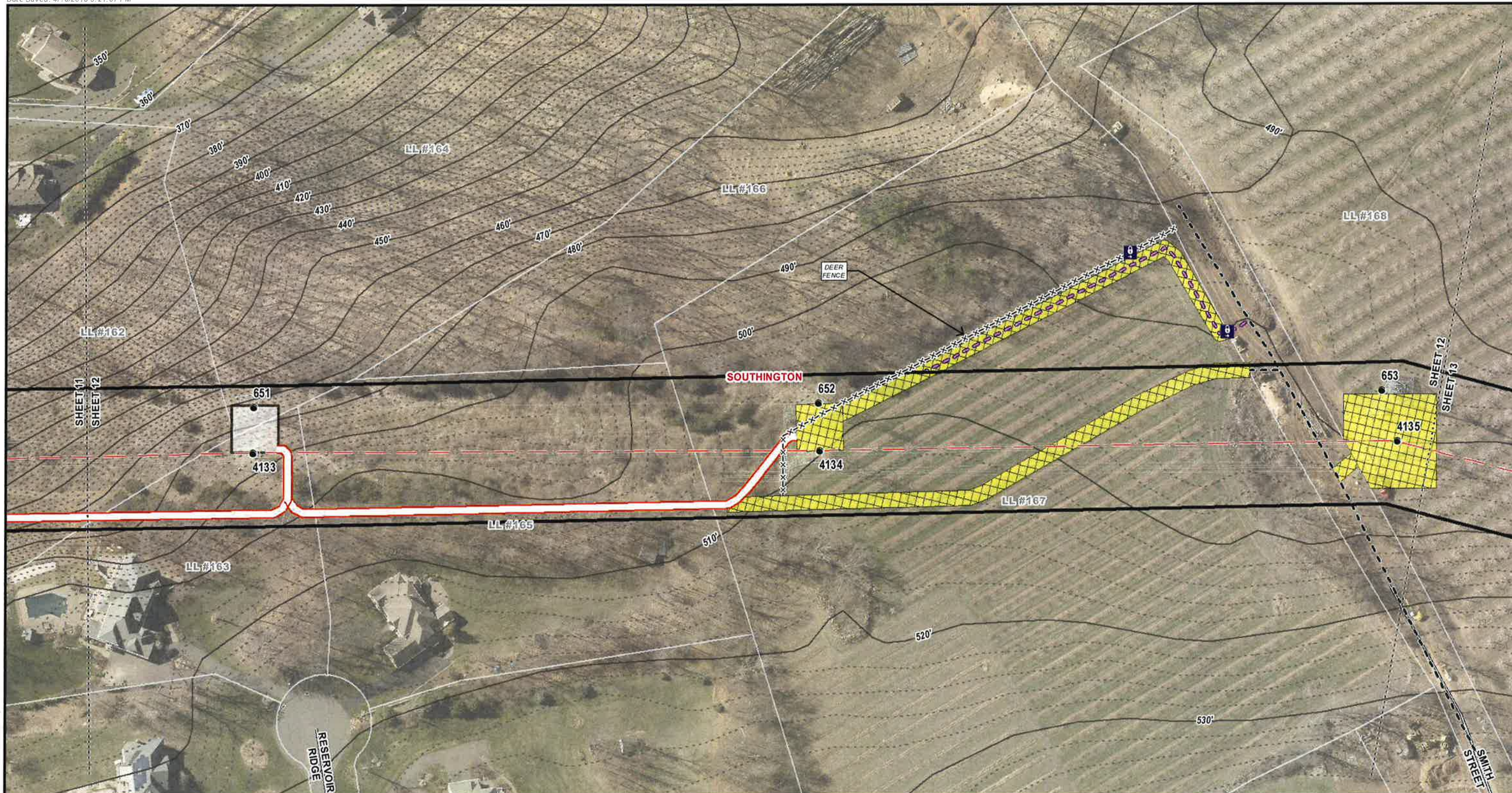
Southington, CT
 Page 11 of 20

Source:
 -CT DEEP
 Basemap & Environmental Data
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 DeLorme, NAVTEQ, TomTom, Intermap,
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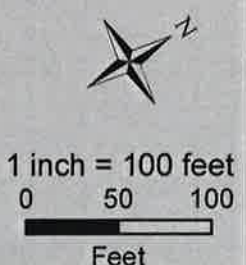
**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
162	TODD D. RITCHIE	270 CHESTERWOOD TERRACE	SOUTHINGTON	CT
163	DAVID L. THRELKELD	115 RESERVOIR RIDGE DR	SOUTHINGTON	CT
164	ALLISON B. HAMLIN	287 CHESTERWOOD TERRACE	SOUTHINGTON	CT
165	NICHOLAS VERDURA	108 RESERVOIR RIDGE DR	SOUTHINGTON	CT
166	SOUTHINGTON WATER WORKS DEPT	SMITH ST	SOUTHINGTON	CT
167	ROGERS ORCHARDS INC	ANDREWS ST REAR	SOUTHINGTON	CT
168	JOHN N. ROGERS TRUSTEE	ANDREWS ST	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	FEMA 100-Year Flood Zone	- - - 2' Contour
▭ Proposed Access	— Edge of Watercourse	Municipal Boundary	
▭ Improve Existing Access	— Delineated Wetland Boundary	Proposed Laydown Yard	
▭ Proposed Alternate Access	▭ Delineated Wetland	Gate	
▭ Gravel Work Pad	▭ Eversource Owned Property	● Culvert	
▭ Gravel Pull Pad	▭ Line List Parcel	○ Hiking Trail	
▭ Temporary Construction Mat	LL #100 Line List Labels	x-x Existing Fence	
▭ Existing Right Of Way	▭ Natural Diversity Database Area		



LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018

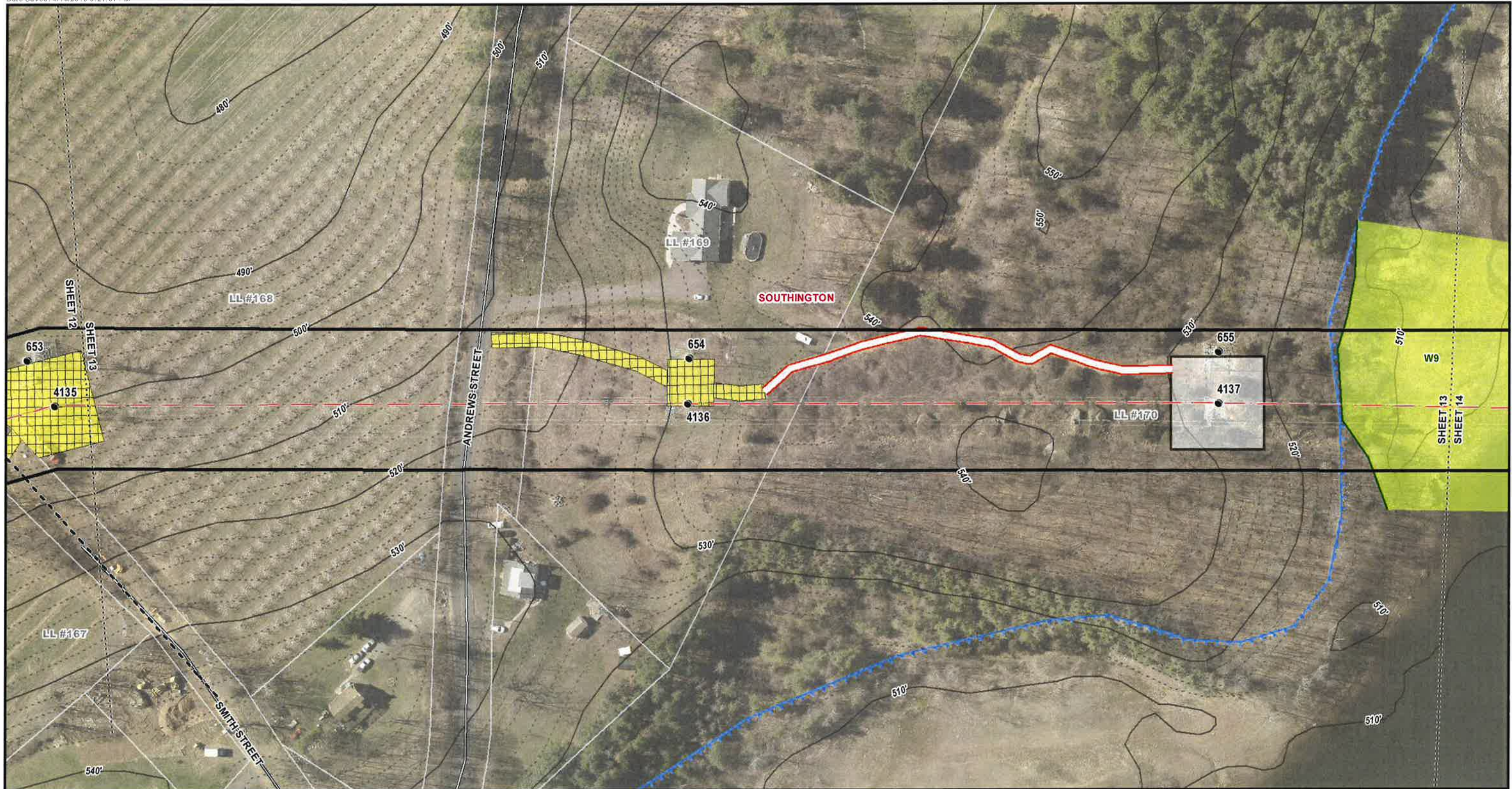
Southington, CT
 Page 12 of 20

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 -CT DEEP
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 DeLorme, NAVTEQ, TomTom, Intermap,
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 NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the
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**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
167	ROGERS ORCHARDS INC	ANDREWS ST REAR	SOUTHINGTON	CT
168	JOHN N. ROGERS TRUSTEE	ANDREWS ST	SOUTHINGTON	CT
169	LISA D. SMITH	1275 ANDREWS ST	SOUTHINGTON	CT
170	CITY OF NEW BRITAIN WATER DEPARTMENT	ANDREWS ST	SOUTHINGTON	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	■ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	■ LL #100 Line List Labels	— Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

Southington, CT
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1 inch = 100 feet
0 50 100
Feet

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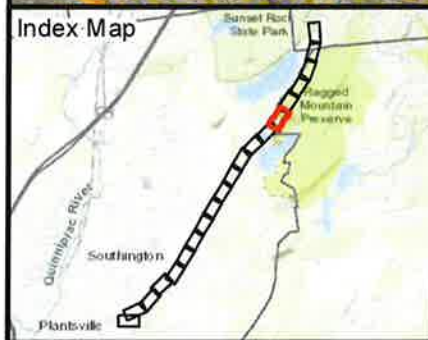
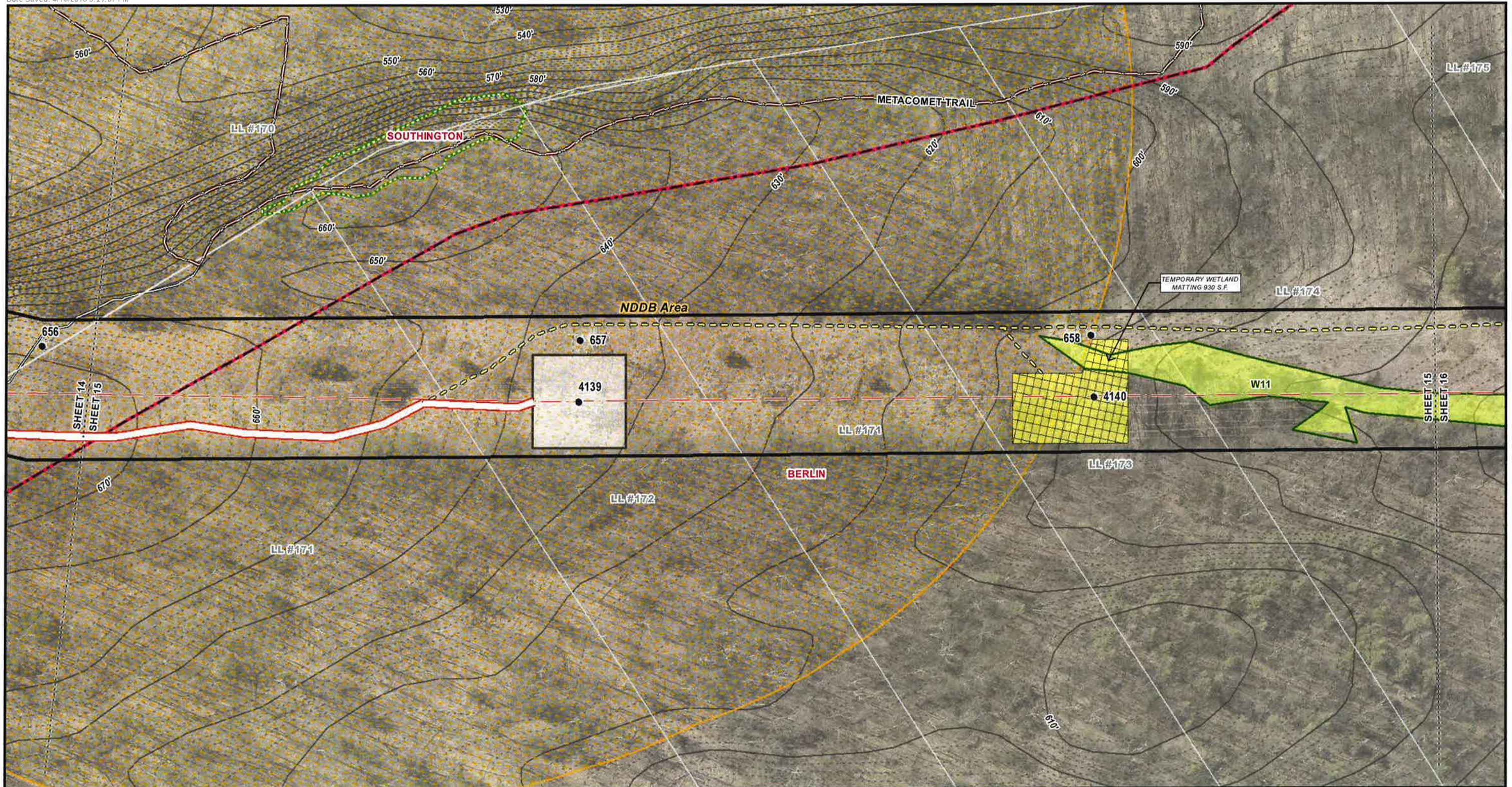
EVERSOURCE
 BSC GROUP

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
170	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	SOUTHINGTON	CT
171	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	SOUTHINGTON	CT

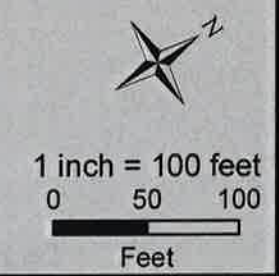
**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
170	CITY OF NEW BRITAIN WATER DEPARTMENT	ANDREWS ST	SOUTHINGTON	CT
171	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
172	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
173	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
174	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
175	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	■ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	LL #100 Line List Labels	×-× Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		



LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

Southington & Berlin, CT

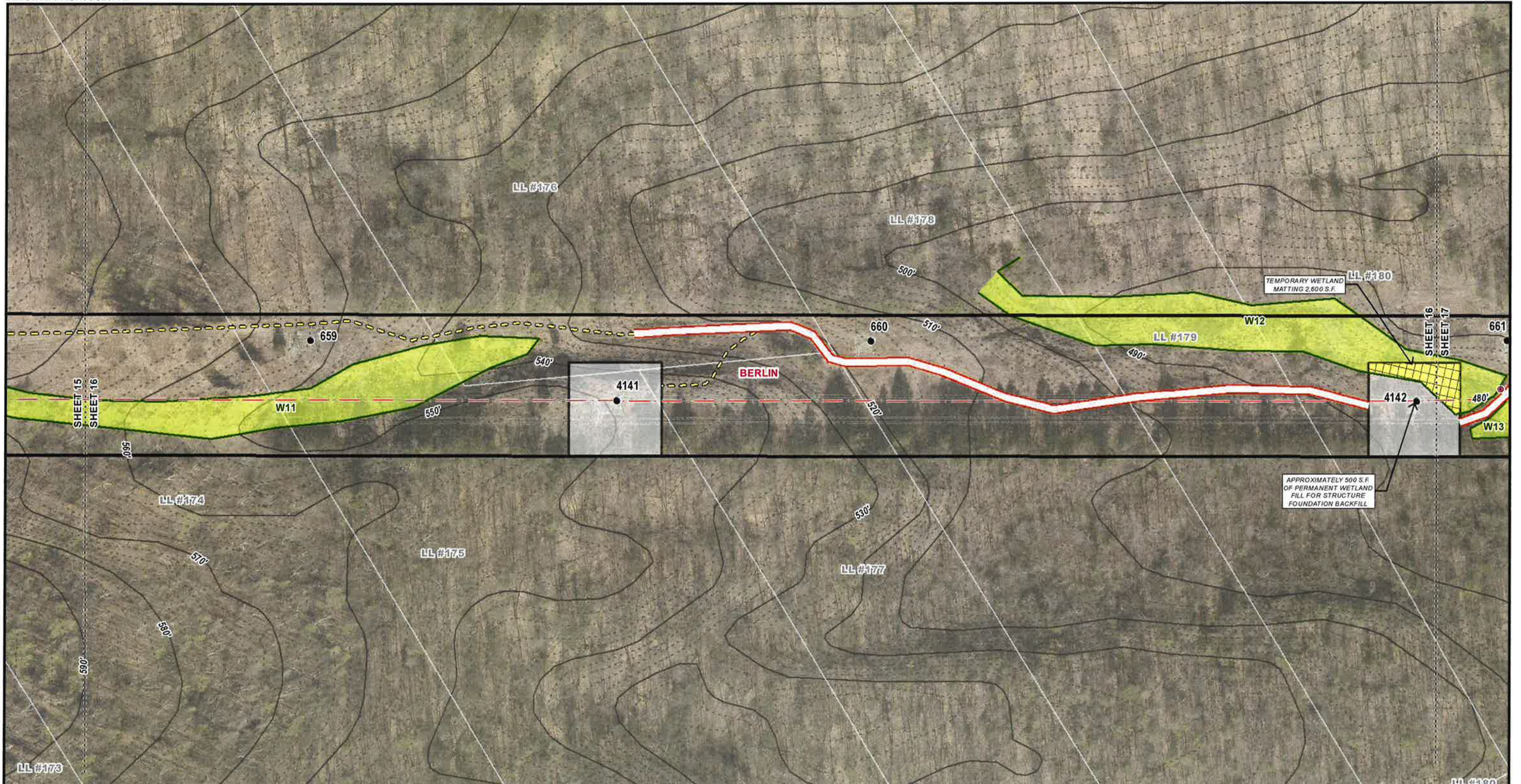
Page 15 of 20

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, IGN, Kadaster
 NL, Ordnance Survey, ESRI Japan, METI,
 ESRI China (Hong Kong), swisstopo, & the
 GIS User Community



**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
173	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
174	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
175	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
176	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
177	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
178	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
179	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
180	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	■ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	■ Line List Labels	— Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

Berlin, CT
Page 16 of 20

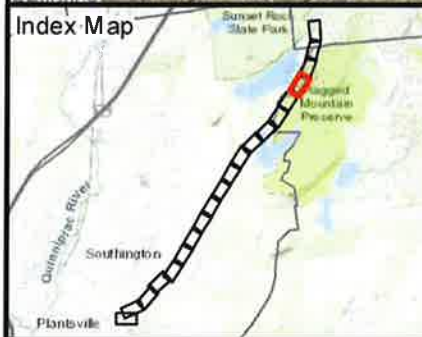
1 inch = 100 feet
0 50 100
Feet

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 ESRI, DigitalGlobe, GeoEye, i-cubed,
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 GIS User Community

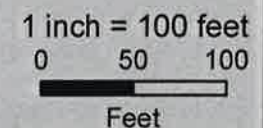
EVERSOURCE
 BSC GROUP

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
170	CITY OF NEW BRITAIN WATER DEPARTMENT	ANDREWS ST	SOUTHINGTON	CT
178	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
179	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
180	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
181	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
182	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
183	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
184	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
185	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
186	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT



Legend	
● Existing Structure	--- Intermittent Stream
- - - Existing Access	— Perennial Stream
○ Proposed Access	— Edge of Watercourse
— Improve Existing Access	— Delineated Wetland Boundary
○ Proposed Alternate Access	— Delineated Wetland
■ Gravel Work Pad	■ Eversource Owned Property
■ Gravel Pull Pad	□ Line List Parcel
■ Temporary Construction Mat	LL #100 Line List Labels
— Existing Right Of Way	■ Natural Diversity Database Area
■ Critical Habitat	— 10' Contour
■ FEMA 100-Year Flood Zone	--- 2' Contour
■ Municipal Boundary	■ Gate
■ Proposed Laydown Yard	○ Culvert
■ Gate	○ Hiking Trail
○ Culvert	— Existing Fence
○ Hiking Trail	
— Existing Fence	



LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

Berlin & Southington, CT

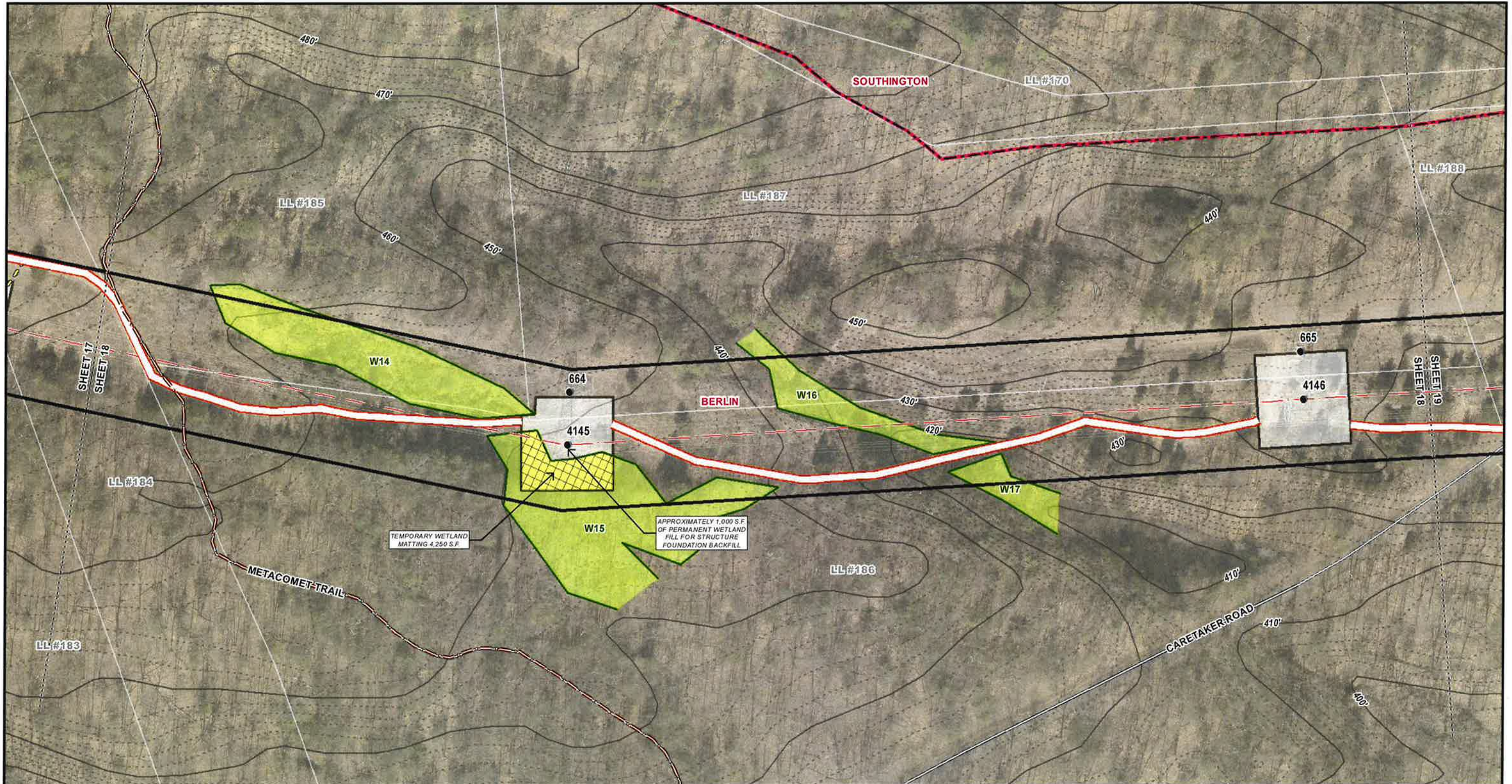
Page 17 of 20

Source:
 -CT DEEP
 Basemap & Environmental Data
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 -ESRI, DigitalGlobe, GeoEye, i-cubed,
 DeLorme, NAVTEQ, TomTom, Intermap,
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**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
170	CITY OF NEW BRITAIN WATER DEPARTMENT	ANDREWS ST	SOUTHINGTON	CT
183	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
184	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
185	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
186	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
187	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
188	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT



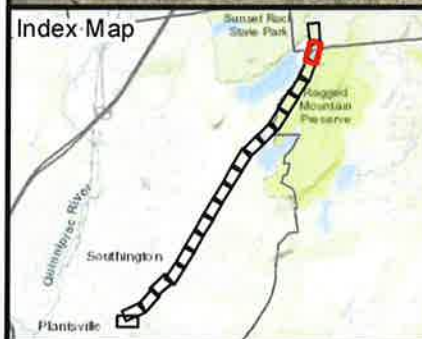
Legend	
● Existing Structure	--- Intermittent Stream
- - - Existing Access	— Perennial Stream
— Proposed Access	— Edge of Watercourse
— Improve Existing Access	— Delineated Wetland Boundary
— Proposed Alternate Access	— Delineated Wetland
□ Gravel Work Pad	□ Eversource Owned Property
□ Gravel Pull Pad	□ Line List Parcel
□ Temporary Construction Mat	LL #100 Line List Labels
— Existing Right Of Way	□ Natural Diversity Database Area
□ Critical Habitat	— 10' Contour
□ FEMA 100-Year Flood Zone	--- 2' Contour
□ Municipal Boundary	□ Gate
□ Proposed Laydown Yard	○ Culvert
□ Gate	○ Hiking Trail
○ Culvert	— Existing Fence
○ Hiking Trail	
— Existing Fence	

LINE 1670 RECONSTRUCTING PROJECT
Environmental Resources Map
FINAL - April 16, 2018
 Berlin & Southington, CT
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Source:
 - CT DEEP
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 - ESRI, DigitalGlobe, GeoEye, I-cubed,
 - DeLorme, NAVTEQ, TomTom, Intermap,
 - Increment P Corp., AEX, GEBCO, USDA,
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 - Getmapping, Aerogrid, IGN, Kadaster
 - NL, Ordnance Survey, ESRI Japan, METI,
 - ESRI China (Hong Kong), swisstopo, & the
 - GIS User Community

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
170	CITY OF NEW BRITAIN WATER DEPARTMENT	ANDREWS ST	SOUTHINGTON	CT
186	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
187	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
188	CITY OF NEW BRITAIN COMM WATER	0 WIGWAM RD	BERLIN	CT
189	CITY OF NEW BRITAIN	0 SHUTTLE MEADOW AVE	BERLIN	CT
190	CITY OF NEW BRITAIN	0 SHUTTLE MEADOW AVE	BERLIN	CT
191	WALTER J. JR. BLOGOSLAWSKI	863 SHUTTLE MEADOW AVE	BERLIN	CT
192	CITY OF NEW BRITAIN	0 SHUTTLE MEADOW AVE	BERLIN	CT
193	CITY OF NEW BRITAIN WATER	490 RESERVOIR ROAD	NEW BRITAIN	CT



Legend

● Existing Structure	--- Intermittent Stream	■ Critical Habitat	— 10' Contour
- - - Existing Access	— Perennial Stream	■ FEMA 100-Year Flood Zone	- - - 2' Contour
○ Proposed Access	— Edge of Watercourse	■ Municipal Boundary	
— Improve Existing Access	— Delineated Wetland Boundary	■ Proposed Laydown Yard	
○ Proposed Alternate Access	■ Delineated Wetland	■ Gate	
■ Gravel Work Pad	■ Eversource Owned Property	○ Culvert	
■ Gravel Pull Pad	■ Line List Parcel	○ Hiking Trail	
■ Temporary Construction Mat	LL #100 Line List Labels	— Existing Fence	
— Existing Right Of Way	■ Natural Diversity Database Area		

LINE 1670 RECONDUCTORING PROJECT

Environmental Resources Map

FINAL - April 16, 2018

Berlin, Southington & New Britain, CT

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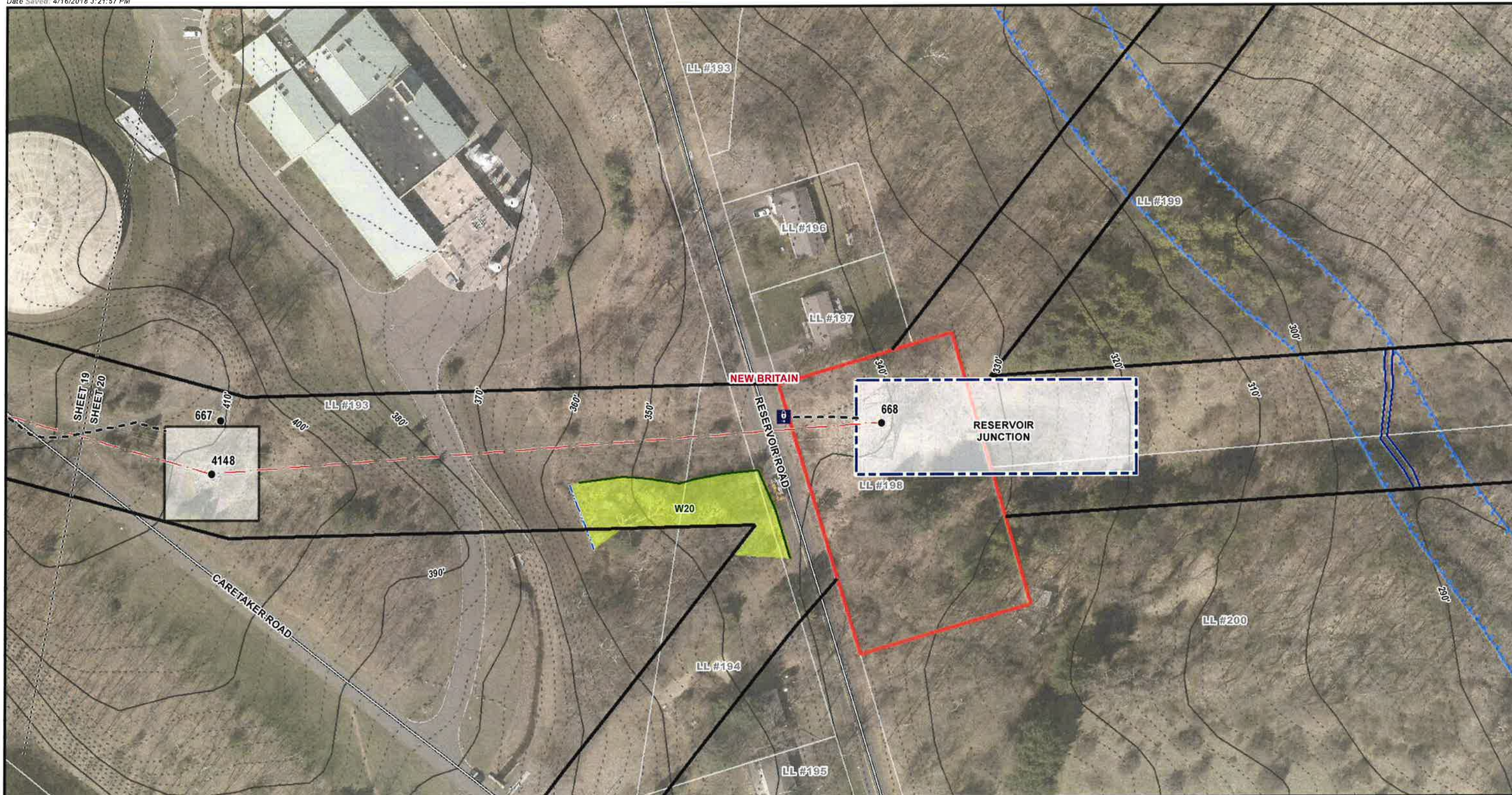
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 Feet

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 ESRI China (Hong Kong), swisstopo, & the
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 BSC GROUP

**Line 1670 Reconductoring Project
Line List Information**

Line List	Owner Name	Site Address	Town	State
193	CITY OF NEW BRITAIN WATER	490 RESERVOIR ROAD	NEW BRITAIN	CT
194	JOHNATHAN MCCOY	378 RESERVOIR ROAD	NEW BRITAIN	CT
195	FREDERICK COLBY	368 RESERVOIR RD	NEW BRITAIN	CT
196	LINDA M. FIELD	419 RESERVOIR ROAD	NEW BRITAIN	CT
197	JOHN JACKMAN FITZGERALD	411 RESERVOIR ROAD	NEW BRITAIN	CT
198	CONNECTICUT LIGHT & POWER	399 RESERVOIR ROAD	NEW BRITAIN	CT
199	BERLIN LAND TRUST INC	429 RESERVOIR ROAD	NEW BRITAIN	CT
200	MARIE D. BOUCHARD	305 RESERVOIR ROAD	NEW BRITAIN	CT



Legend	
● Existing Structure	--- Intermittent Stream
- - - Existing Access	— Perennial Stream
— Proposed Access	— Edge of Watercourse
— Improve Existing Access	— Delineated Wetland Boundary
— Proposed Alternate Access	— Delineated Wetland
▭ Gravel Work Pad	▭ Eversource Owned Property
▭ Gravel Pull Pad	▭ Line List Parcel
▭ Temporary Construction Mat	LL #100 Line List Labels
— Existing Right Of Way	▭ Natural Diversity Database Area
▭ Critical Habitat	— 10' Contour
▭ FEMA 100-Year Flood Zone	--- 2' Contour
▭ Municipal Boundary	
▭ Proposed Laydown Yard	
Ⓜ Gate	
Ⓜ Culvert	
Ⓜ Hiking Trail	
Ⓜ Existing Fence	

LINE 1670 RECONDUCTORING PROJECT
Environmental Resources Map
FINAL - April 16, 2018

New Britain, CT
 Page 20 of 20

Source:
 -CT DEEP
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 -ESRI, DigitalGlobe, GeoEye, i-cubed,
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 ESRI China (Hong Kong), swisstopo, & the
 GIS User Community

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 BSC GROUP

ATTACHMENT 3:
AFFIDAVIT OF SERVICE OF NOTICE

AFFIDAVIT OF SERVICE OF NOTICE

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

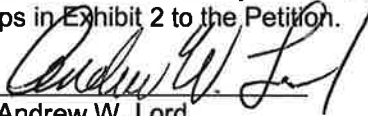
Sec. 16-50j-40 of the Regulations of Connecticut State Agencies ("RCSA") provides that proof of notice to the affected municipalities, property owners and abutters shall be submitted with a petition for declaratory ruling to the Connecticut Siting Council ("Council"). In accordance with that RCSA section, 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:

- Mr. Jack Healy
Acting Town Manager
Town of Berlin
Berlin Town Hall
240 Kensington Road
Berlin, CT 06037

- Mr. Mark Sciota
Town Manager
Town of Southington
Southington Town Hall
75 Main Street
Southington, CT 06489

- Mayor Erin Stewart
City of New Britain
New Britain City Hall
27 West Main Street
New Britain, CT 06051

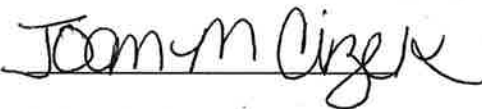
I also certify that I caused notice of the proposed modifications to be served by mail or courier upon 219 owners of abutting properties shown on the maps in Exhibit 2 to the Petition.



Andrew W. Lord
Transmission Siting Specialist

On this the 12th day of April, 2018, before me, the undersigned representative, personally appeared, Andrew Lord, 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.



Joan M. Cizek

Notary Public **JOAN M. CIZEK**
My Commission expires **NOTARY PUBLIC - CT 173654**
 MY COMMISSION EXPIRES MAR. 31, 2022