



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

March 22, 2019

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
56 Prospect Street
P.O. Box 270
Hartford, CT 06103

RE: SUB-PETITION NO. 1293 - MGP-02 (Manchester-Glastonbury-Portland) – Eversource Energy declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for all transmission facility asset condition maintenance improvements statewide to comply with the updated National Electrical Safety Code clearance requirements.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated March 21, 2019 regarding a minor project change to the Petition No. 1293 sub-petition for the above-referenced section of transmission line that was approved by the Council on January 22, 2019.

The proposed minor project change consists of the replacement of three additional structures on the #3424 Line due to poor asset condition, as follows: Structure 12189 in Glastonbury, and Structures 12149 and 12134 in Portland. These three wood H-frame structures will be replaced with weathering steel structures of the same design, will be installed within 15 feet of the existing structures, and raised in height by no more than 10 feet to comply with current conductor clearance requirements. Access to the structures will be along existing roads within Eversource’s right-of-way. The work areas were assessed for environmental and archeological resources in accordance with Petition 1293 sub-petition procedures. Work procedures incorporating environmental mitigation measures at Structure 12149 will be followed in accordance with Eversource’s Best Management Practices for the previously approved Project.

Pursuant to the Council’s Petition No. 1293 decision of March 31, 2017 and the January 22, 2019 decision on this sub-petition, your request for the proposed modifications is hereby approved.

This approval applies only to the minor project changes dated March 21, 2019. Any additional minor changes to the sub-petition decision require advance notification and approval.

Thank you for your attention and cooperation.

Sincerely,

[Handwritten signature of Melanie Bachman]

Melanie Bachman
Executive Director

- c. Thomas P. Gullotta, Town Council Chairman, Town of Glastonbury
Richard Johnson, Town Manager, Town of Glastonbury
The Honorable Susan Bransfield, First Selectwoman, Town of Portland
Ashley Majorowski, Land Use Administrator, Town of Portland





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

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

March 21, 2019

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

Re: Sub-Petition No. 1293-MGP-02: 3424 Transmission Line Structure Replacement Project,
Amendment to Sub-Petition

Dear Ms. Bachman:

On January 22, 2019, the Connecticut Siting Council (“Council”) issued a ruling that the subject project would not have an adverse environmental effect and would not require a Certificate of Environmental Compatibility and Public Need.

Since the time of the Council’s ruling, Eversource has identified three additional transmission structures on the 3424 Line that require replacement due to asset condition, Structures 12189, 12149 and 12134. Eversource plans to conduct the transmission structure replacement work (“Work Activities”) to remediate structure damage caused by age, weather, and woodpecker activity. The three H-frame structures will be replaced with light duty weathering steel structures of the same design. The replacement structures will be installed within 15 feet of the existing structures and be raised in height less than 10-feet to comply with current conductor clearance requirements. Work Activities would take place in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing access roads (collectively the "Work Areas"). See revised Attachment C; “*3424 Line Structure Replacement Project*” “*Sub-Petition Map Set*”, dated December 19, 2018, revised March 11, 2019.

Eversource respectfully submits that the proposed modifications would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors;

Work Activities associated with the three additional replacement structures will not result in any impacts to wetlands and there are no flood zones, vernal pools, or vernal pool envelopes located in the Work Areas. Temporary environmental effects from construction will be mitigated using appropriate erosion and sediment controls (“E&S”) in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* and Eversource’s *Best Management Practices Manual for Massachusetts and Connecticut* (Construction and Maintenance Environmental Requirements), dated September 2016 (“BMPs”). Upon completion of the Work Activities, all disturbed/exposed areas would be stabilized and revegetated. After the establishment of permanent ground cover, Eversource’s contractor would remove temporary E&S controls and remove/dispose of any accumulated sediments and debris from areas where such measures were used.

As a result of Eversource’s review of the Connecticut Department of Energy and Environmental Protection’s (“CTDEEP”) Natural Diversity Database (“NDDB”), only Structure 12149 is proposed within an NDDB area and wetland jurisdictional area and/or CTDEEP owned/managed land and therefore would be subject to an NDDB review request. Eversource submitted an NDDB review request to CTDEEP on December 14, 2018 regarding structure replacement work for the project and received a response from CTDEEP on January 25, 2019 with recommendations for the protection of rare species potentially present. The recommended protection measures identified in the NDDB letter have been accepted by Eversource and will be incorporated into the Projects BMPs, project plans and construction activities. With these protective measures, no adverse impacts to state-listed rare species are anticipated.

A Phase 1A assessment conducted by Heritage Consultants, LLC (“Heritage”) did not identify any National or State Register of Historic Places properties/districts located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs, and available soil profiles, two proposed work pad locations associated with Structures 12149 and 12189 were identified as having the potential for moderate to high archaeological sensitivity. These locations were evaluated in the field with a pedestrian survey by a representative from Heritage and confirmed to have a potential for moderate to high archaeological sensitivity. A Phase 1B cultural reconnaissance survey (shovel pit testing) was conducted and resulted in the identification of a single historic cultural locus at Structure 12149. This locus was further evaluated by Heritage and determined to be insignificant and unassociated with any intact structural remains. No other physical evidence of archaeological significance was found at either Structure. Therefore, the Work Activities associated with the two work pad locations will not impact any significant cultural resources. Heritage has determined that no further investigation is recommended or warranted, and no protective measures are required.

The Work Activities will not require any tree clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation removal/mowing within the managed ROW corridor to improve access to the Work Areas.

No change in noise levels would result from installation of the new structures and the line would continue to comply with the State of Connecticut noise regulations. Any changes in electric and magnetic field levels off the ROW would be negligible.


Prior to submitting this amendment Eversource representatives briefed officials in the towns of Glastonbury and Portland concerning the project modifications. In addition, Eversource provided abutters with written notice of the filing of the Amendment.

Eversource will access Work Areas using existing access roads within the right-of-way (“ROW”) from existing access points on public roads as follows:

- Neipsic Road in Glastonbury for Structure 12189
- East Cotton Hill Road in Portland for Structure 12149
- Old Marlborough Turnpike in Portland for Structure 12134

Eversource herewith respectfully requests approval for the requested changes. Enclosed please find an original and 3 copies of this submission. Should you, the Council members or Council staff have any questions regarding this request, please do not hesitate to contact me via e-mail at kathleen.shanley@eversource.com or telephone at (860)728-4527.

Sincerely,



Kathleen M. Shanley
Manager - Transmission Siting

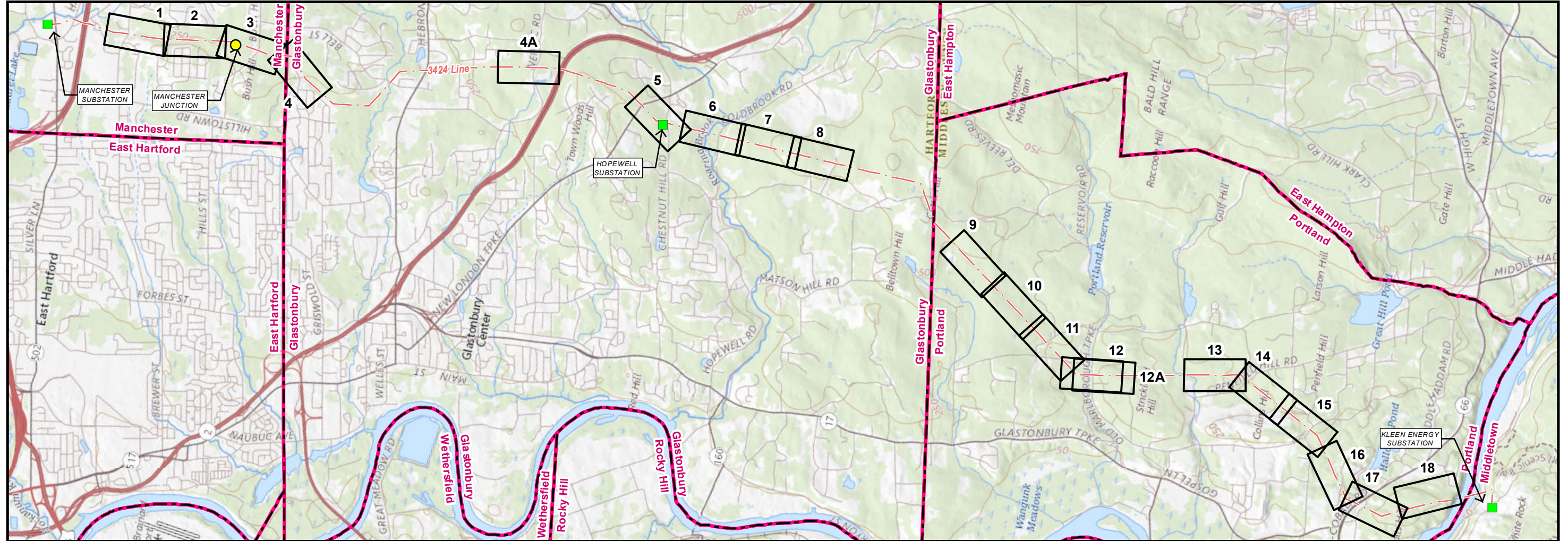
Enclosure

3424 LINE STRUCTURE REPLACEMENT PROJECT

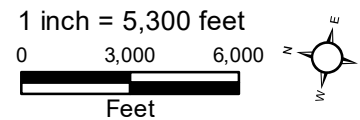
Manchester, Glastonbury, & Portland, CT

Sub-Petition Map Set

December 19, 2018 (revised March 21, 2019)



Legend
 ● Junction ■ Substation □ Map Sheet - - - Overhead Eversource Line - - - Municipal Boundary



PREPARED FOR:



107 Selden Street
 Berlin, CT 06037

INDEX OF FIGURES

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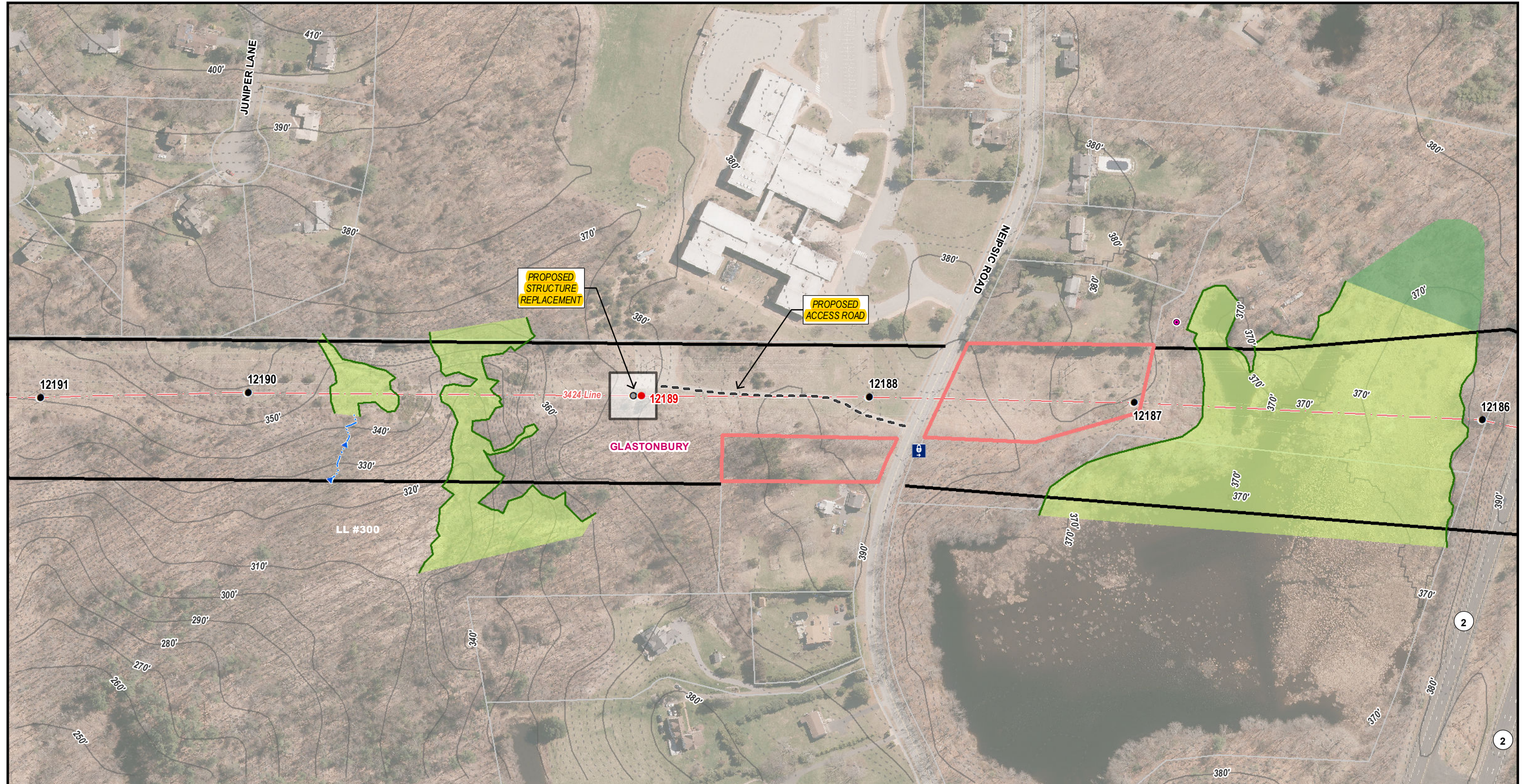
PREPARED BY:



33 Waldo Street
 Worcester, MA 01608

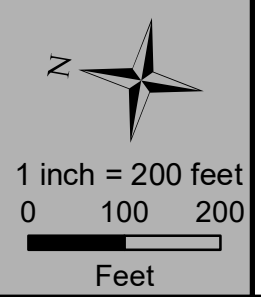
**3424 Line Structure Replacement Project
Map Sheet 4A Abutters List**

Line List Number	Owner Name	Parcel Address	Parcel Town	Parcel State	Parcel Zip Code
300	TOWN OF GLASTONBURY	789 NEIPSIC RD	MANCHESTER	CT	06033



Legend

● Existing Structure	— Delineated Wetland Boundary Line	⊕ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	⊙ Culvert
● Proposed Structure	■ Approximate Wetland (not delineated)	⊙ Stonewall
— Existing Access	— Delineated Intermittent Watercourse	— 10' Contours
— Access Road to be Improved	— Delineated Perennial Watercourse	— 2' Contours
— Proposed Access	■ Open Water	
— Proposed Alternate Access	■ Potential Vernal Pool Extent	
■ Stone Work Pad	■ 100' Vernal Pool Envelope	
■ Temporary Construction Matting	■ Rare Species	
— Watercourse (not delineated)	■ Critical Habitat	
	■ FEMA 100 Year Flood Zone	
	— Floodway	
	— Existing Right-of-Way	
	■ Eversource Owned Property	
	— Major Roads	
	■ State Owned Property	
	— Municipal Boundary	
	— LL #100 LLN/Property Owner	
	— Gas Pipeline (Approximate)	
	— Overhead Eversource Line	



3424 LINE STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set
December 19, 2018
 (revised March 21, 2019)

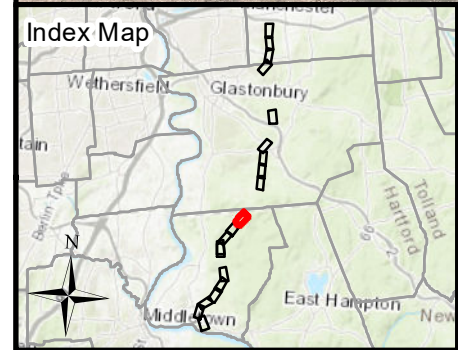
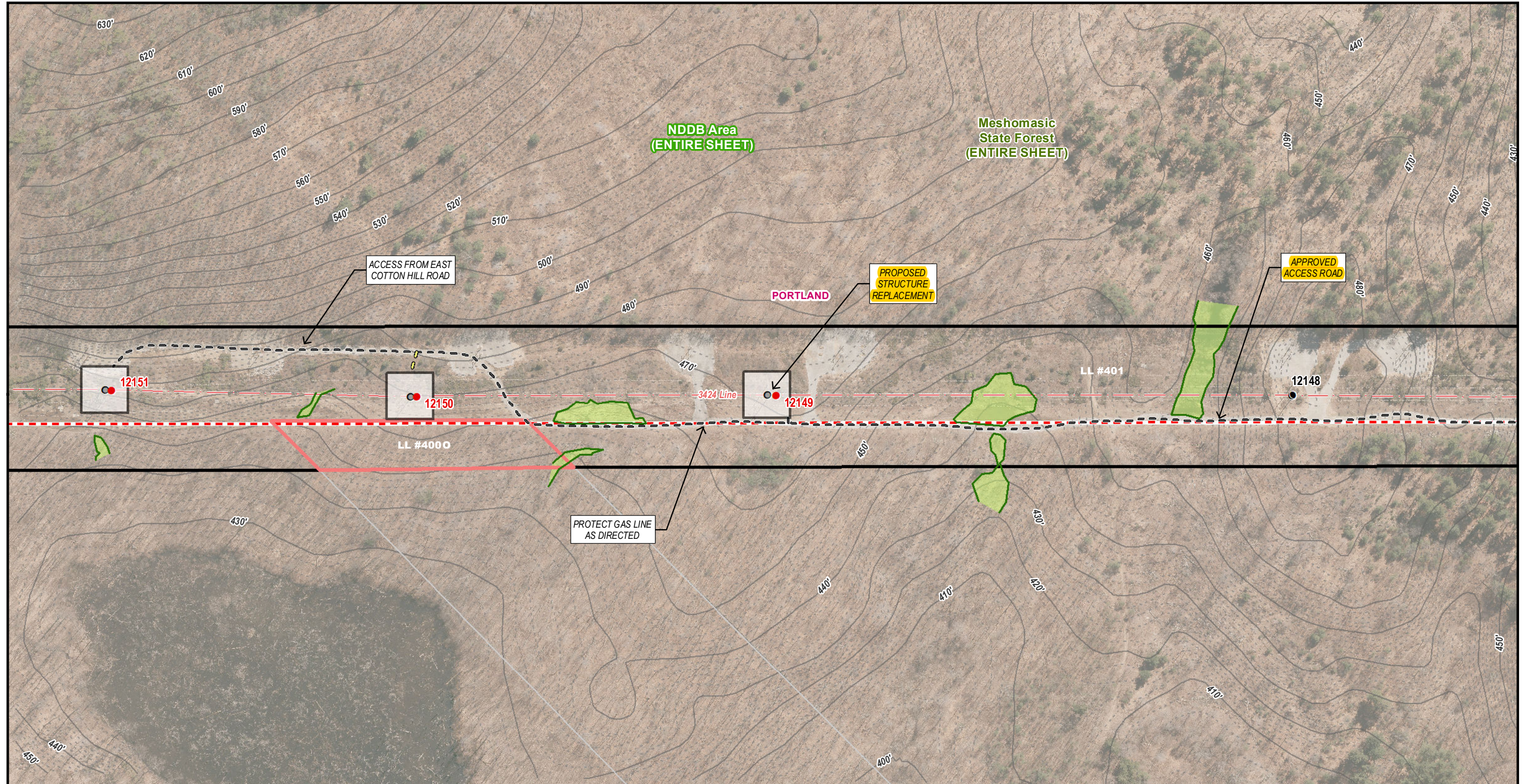
Glastonbury, CT
 Map Sheet 4A of 18

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

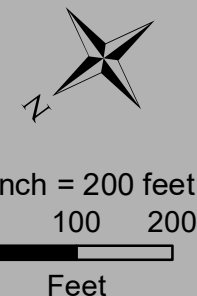
EVERSOURCE
 BSC GROUP

**3424 Line Structure Replacement Project
Map Sheet 9 Abutters List**

Line List Number	Owner Name	Parcel Address	Parcel Town	Parcel State	Parcel Zip Code
4000	CONNECTICUT LIGHT & POWER CO NU TAX DEPT	ISINGLASS HILL RD	PORTLAND	CT	06480
401	CONNECTICUT STATE OF	EAST COTTON HILL RD	PORTLAND	CT	06480



Legend			
● Existing Structure	— Delineated Wetland Boundary Line	■ FEMA 100 Year Flood Zone	Ⓜ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▨ Floodway	Ⓞ Culvert
● Proposed Structure	■ Approximate Wetland (not delineated)	— Existing Right-of-Way	⦿ Stonewall
— Existing Access	— Delineated Intermittent Watercourse	— Eversource Owned Property	— 10' Contours
— Access Road to be Improved	— Delineated Perennial Watercourse	— Major Roads	— 2' Contours
— Proposed Access	— Open Water	— State Owned Property	
— Proposed Alternate Access	▨ Potential Vernal Pool Extent	— Municipal Boundary	
■ Stone Work Pad	■ 100' Vernal Pool Envelope	— LL #100 LLN/Property Owner	
▨ Temporary Construction Matting	■ Rare Species	— Gas Pipeline (Approximate)	
— Watercourse (not delineated)	■ Critical Habitat	— Overhead Eversource Line	



3424 LINE STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set
December 19, 2018
 (revised March 21, 2019)

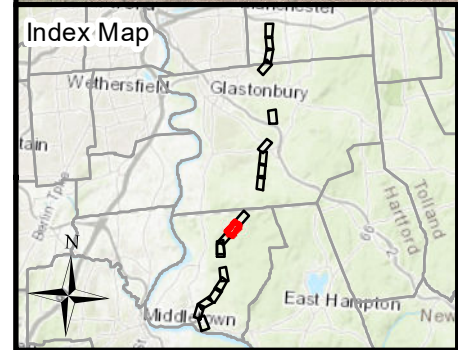
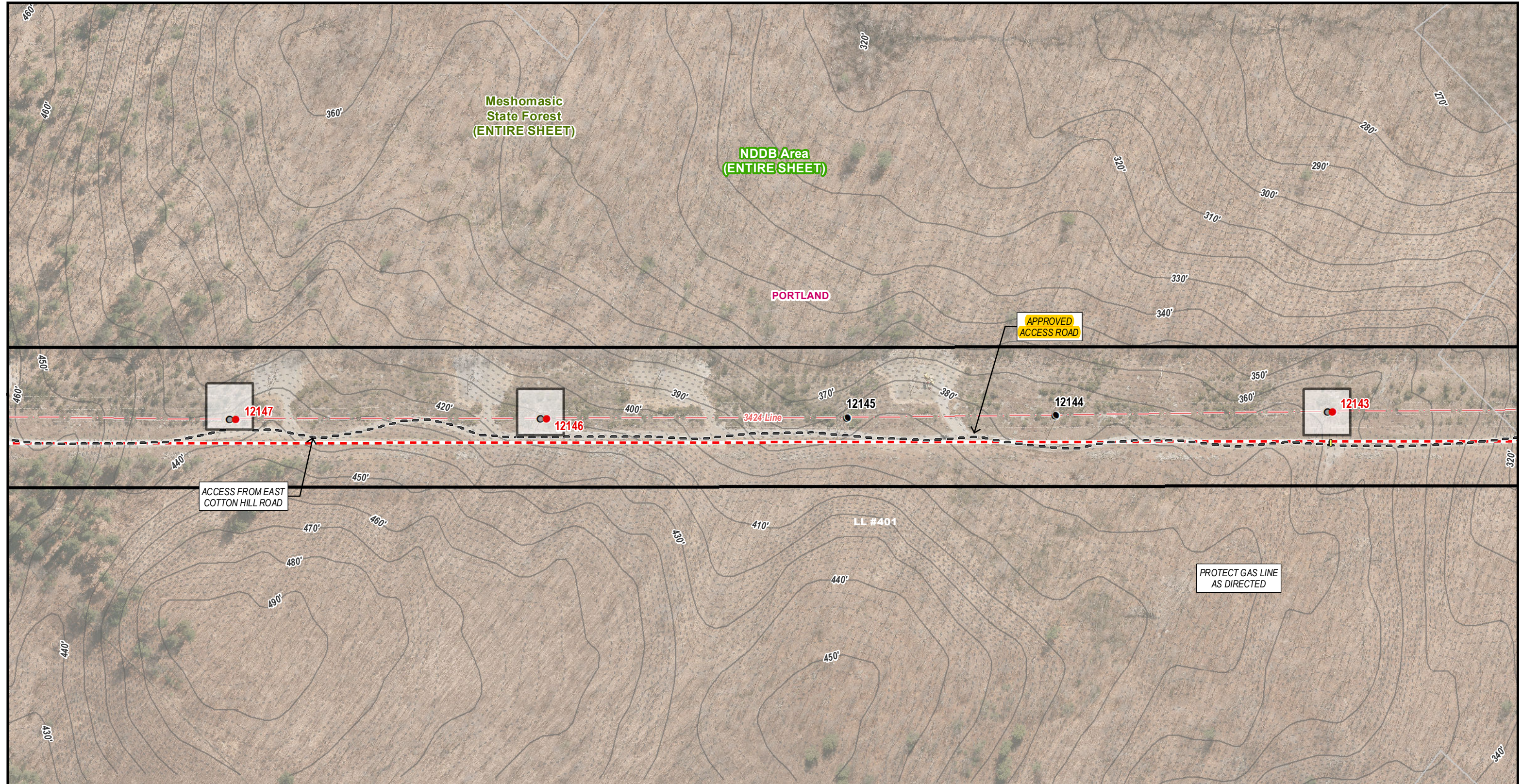
Portland, CT
 Map Sheet 9 of 18

Source:
 -CT DEEP
 Basemap & Environmental Data
 -Aerial & Topo Imagery
 ESRI, DigitalGlobe, GeoEye, i-cubed,
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 increment P Corp., AEX, GEBCO, USDA,
 USGS, FAO, NPS, NRCAN, GeoBase,
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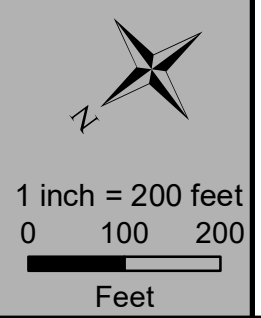
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**3424 Line Structure Replacement Project
Map Sheet 10 Abutters List**

Line List Number	Owner Name	Parcel Address	Parcel Town	Parcel State	Parcel Zip Code
401	CONNECTICUT STATE OF	EAST COTTON HILL RD	PORTLAND	CT	06480



Legend			
● Existing Structure	— Delineated Wetland Boundary Line	■ FEMA 100 Year Flood Zone	Ⓜ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▨ Floodway	Ⓞ Culvert
● Proposed Structure	■ Approximate Wetland (not delineated)	— Existing Right-of-Way	⦿ Stonewall
— Existing Access	— Delineated Intermittent Watercourse	■ Eversource Owned Property	— 10' Contours
— Access Road to be Improved	— Delineated Perennial Watercourse	■ Major Roads	— 2' Contours
— Proposed Access	■ Open Water	■ State Owned Property	
— Proposed Alternate Access	▨ Potential Vernal Pool Extent	— Municipal Boundary	
■ Stone Work Pad	■ 100' Vernal Pool Envelope	■ LL #100 LLN/Property Owner	
▨ Temporary Construction Matting	■ Rare Species	— Gas Pipeline (Approximate)	
— Watercourse (not delineated)	■ Critical Habitat	— Overhead Eversource Line	



3424 LINE STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set
December 19, 2018
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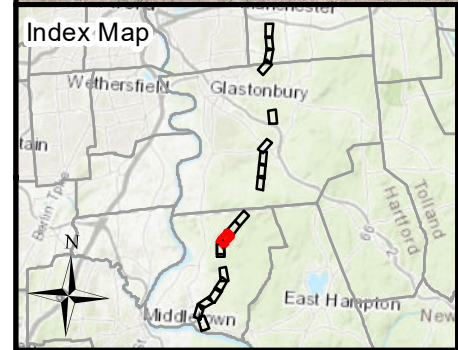
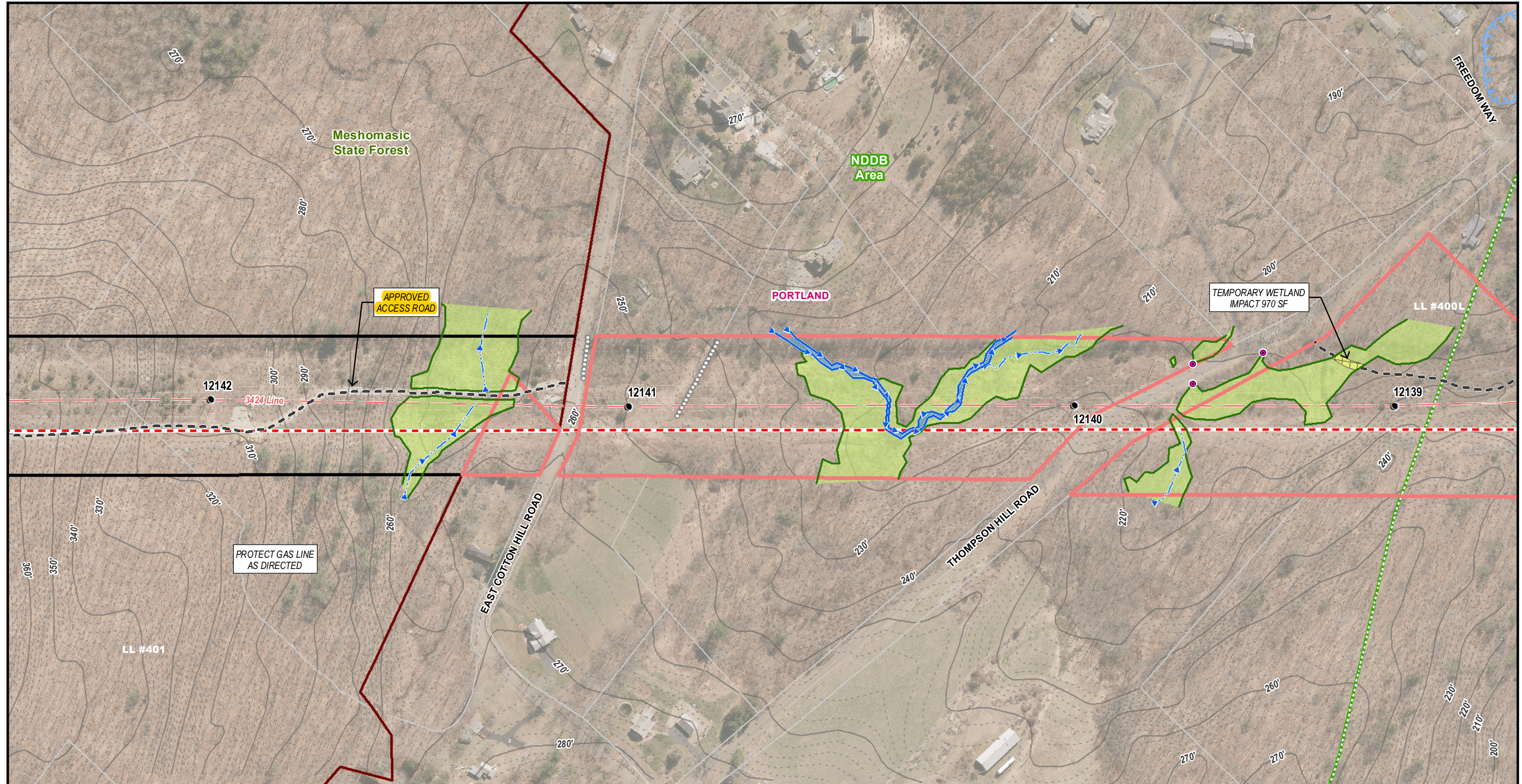
Portland, CT
 Map Sheet 10 of 18

Source:
 -CT DEEP
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 DeLorme, NAVTEQ, TomTom, Intermap,
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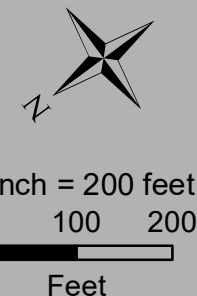
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 BSC GROUP

**3424 Line Structure Replacement Project
Map Sheet 11 Abutters List**

Line List Number	Owner Name	Parcel Address	Parcel Town	Parcel State	Parcel Zip Code
400L	CONNECTICUT LIGHT & POWER CO NU TAX DEPT	THOMPSON HILL RD	PORTLAND	CT	06480
401	CONNECTICUT STATE OF	EAST COTTON HILL RD	PORTLAND	CT	06480



Legend			
● Existing Structure	— Delineated Wetland Boundary Line	— FEMA 100 Year Flood Zone	Ⓜ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	— Floodway	Ⓞ Culvert
● Proposed Structure	■ Approximate Wetland (not delineated)	— Existing Right-of-Way	Ⓞ Stonewall
— Existing Access	— Delineated Intermittent Watercourse	— Eversource Owned Property	— 10' Contours
— Access Road to be Improved	— Delineated Perennial Watercourse	— Major Roads	— 2' Contours
— Proposed Access	— Open Water	— State Owned Property	
— Proposed Alternate Access	— Potential Vernal Pool Extent	— Municipal Boundary	
■ Stone Work Pad	— 100' Vernal Pool Envelope	— LL #100 LLN/Property Owner	
■ Temporary Construction Matting	— Rare Species	— Gas Pipeline (Approximate)	
— Watercourse (not delineated)	— Critical Habitat	— Overhead Eversource Line	



3424 LINE STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set
December 19, 2018
(revised March 21, 2019)

Portland, CT
 Map Sheet 11 of 18

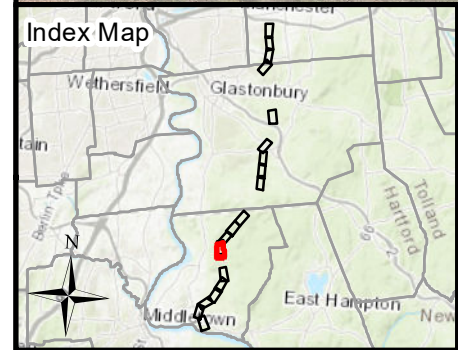
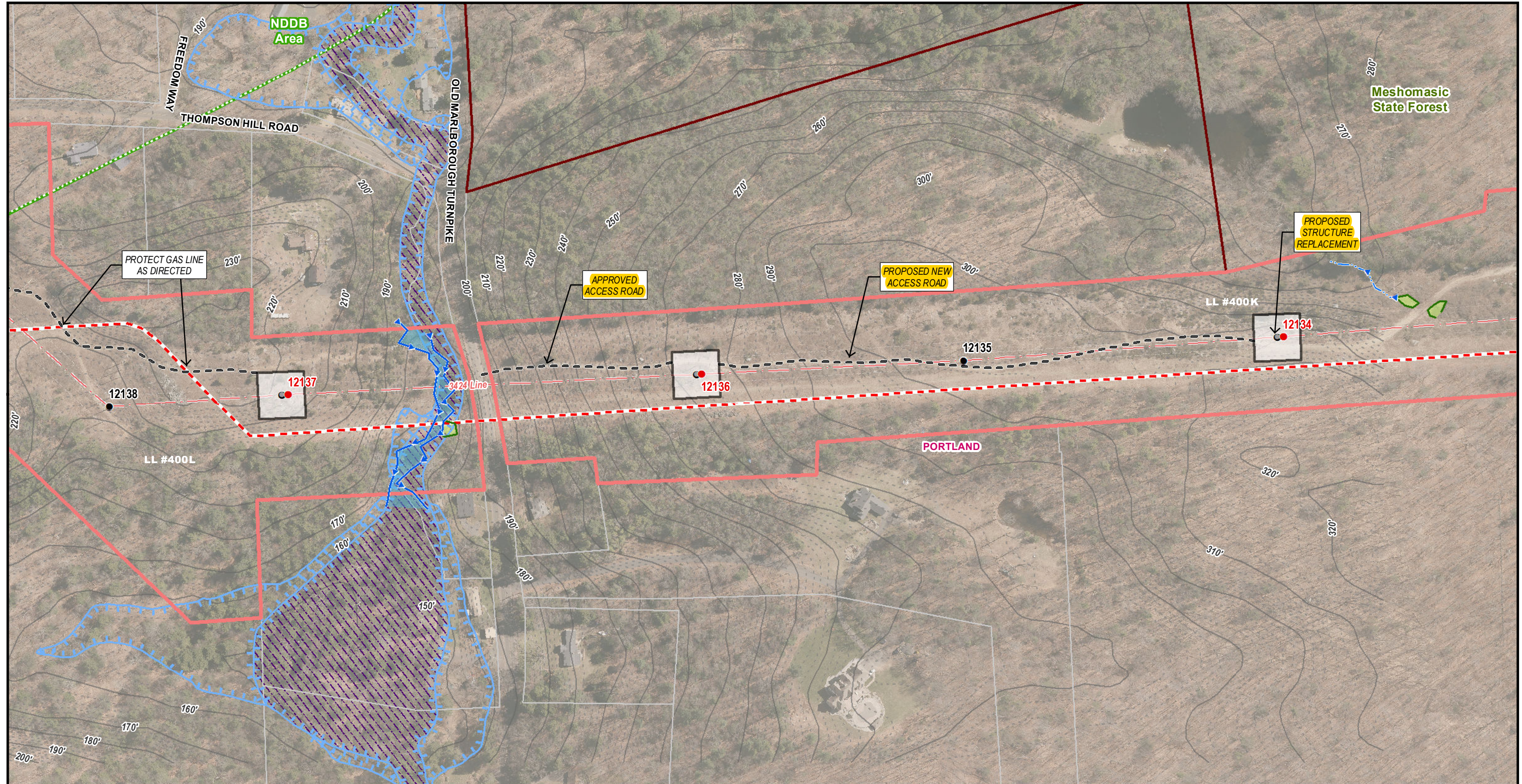
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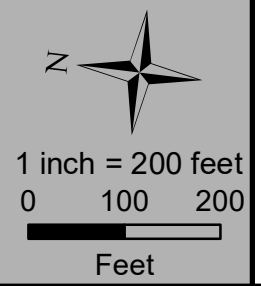

**3424 Line Structure Replacement Project
Map Sheet 12A Abutters List**

Line List Number	Owner Name	Parcel Address	Parcel Town	Parcel State	Parcel Zip Code
400K	CONNECTICUT LIGHT & POWER CO NU TAX DEPT	COX RD	PORTLAND	CT	06480
400L	CONNECTICUT LIGHT & POWER CO NU TAX DEPT	THOMPSON HILL RD	PORTLAND	CT	06480



Legend

● Existing Structure	— Delineated Wetland Boundary Line	■ FEMA 100 Year Flood Zone	⚡ Gate
○ Existing Structure to be Removed	■ Field Delineated Wetland	▨ Floodway	⊙ Culvert
● Proposed Structure	■ Approximate Wetland (not delineated)	— Existing Right-of-Way	⊙ Stonewall
— Existing Access	— Delineated Intermittent Watercourse	— Eversource Owned Property	— 10' Contours
— Access Road to be Improved	— Delineated Perennial Watercourse	— Major Roads	— 2' Contours
— Proposed Access	— Open Water	— State Owned Property	
— Proposed Alternate Access	▨ Potential Vernal Pool Extent	— Municipal Boundary	
■ Stone Work Pad	■ 100' Vernal Pool Envelope	— LL #100 LLN/Property Owner	
▨ Temporary Construction Matting	■ Rare Species	— Gas Pipeline (Approximate)	
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3424 LINE STRUCTURE REPLACEMENT PROJECT

Sub-Petition Map Set
December 19, 2018
 (revised March 21, 2019)

Portland, CT
 Map Sheet 12A of 18

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