

March 13, 2020

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

Re: Sub-Petition No. 1293-HCDREOS-02: 1261/1598 Transmission Line Structure Replacement Project,
Amendment to Sub-Petition

Dear Attorney Bachman:

On July 1, 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 15 additional transmission structures on the 1261/1598 Line that require replacement due to asset condition (“Project”). Eversource plans to conduct the transmission structure replacement work to remediate structure damage caused by age, weather, and woodpecker activity. The following work (“Work Activities”) will be performed:

- Replace 15 existing wood structures with new weathering steel structures of the same design. The 15 structures to be replaced are a mix of wood H-frame and monopole structures. The replacement structures will be installed within 15 feet of the existing structures with the exception of Structures 6928 and 6929, which will be installed within 18 feet of the existing structures. Further, the location for previously approved Structure 6973 has shifted and is now proposed to be installed within 45 feet of the existing structure. The structures will 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 and proposed new permanent access roads, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads will be improved. See revised Attachment A; “1261/1598 Line - Structure Replacement Project” “Sub-Petition Map Set”, dated May 17, 2019, revised March 2, 2020.

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 15 additional replacement structures will result in approximately 15,373 square feet (“SF”) of temporary wetland impacts, limited to temporary construction matting required for the construction of the access road and work pads for Structures 6941A and 6941B and the access road for Structures, 6906A and 6906B. There are no flood zones associated with the Work Areas. No impacts to vernal pools (“VP”) would result from the proposed Work Activities. Vernal pool species protection measures will be implemented where Work Activities extend into vernal pool envelopes (“VPE”) and existing access roads would not be widened or altered where they extend into VPEs of isolated VP habitats, including: VP1, VP2, VP3, VP4 and VP5. With the implementation of these protective measures, no adverse impact to vernal pools would result from the proposed Work Activities.

Based on a review of the Connecticut Department of Energy and Environmental Protection's ("CTDEEP") Natural Diversity Database ("NDDB"), no Work Areas are proposed within a NDDB buffered area and wetland jurisdictional area and/or CTDEEP owned/managed land; therefore, they would not be subject to a NDDB review request. Work would be conducted in accordance with Eversource's best management practices to avoid or minimize impact to terrestrial habitats that may support rare species. With these protective measures, no adverse impacts to state-listed rare species are anticipated.

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.

A Phase IA assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") did not identify any National or State Register of Historic Places (properties/districts) located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and available soil profiles, only the proposed work pad location for Structure 6973 was identified to possess a potential for moderate to high archaeological sensitivity. A Phase 1B cultural reconnaissance survey (shovel pit testing) at this location found disturbance (e.g., soil and boulder fill piles) in the southern and western sides of the structure work pad area apparently associated with an adjacent housing development currently under construction. The existing disturbance limited the number of shovel test pits to the eastern side of the work pad, which found no physical evidence of archaeological significance. Therefore, no further investigation is recommended or warranted.

No change in noise levels would result from the installation of the replacement structures and the applicable lines 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.

One short section of new permanent access road would be constructed to facilitate access to structures within the ROW and existing access roads in upland areas may be hardened and temporarily widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting would be used as temporary access roads in wetlands. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

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. 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.

Prior to submitting this amendment Eversource representatives briefed officials in the towns of Chester, Deep River and Essex 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:

Haddam

- Ruth Hill Road for structures 6906A, 6906B, 6907, 6908A and 6908B (off-ROW access from an alternative location on Ruth Hill Road would be used if rights are obtained)

Chester

- Bokum Road for Structures 6928 and 6929

Deep River

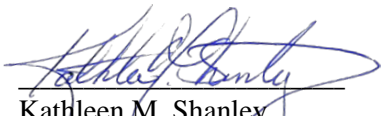
- Bridge Street for Structures 6930A and 6930B
- Bridge Lane for Structures 6936A and 6936B
- Hillside Terrace for Structures 6941A and 6941B

Essex

- Deep River Road for Structure 6955
- Bokum Road for Structures 6973

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

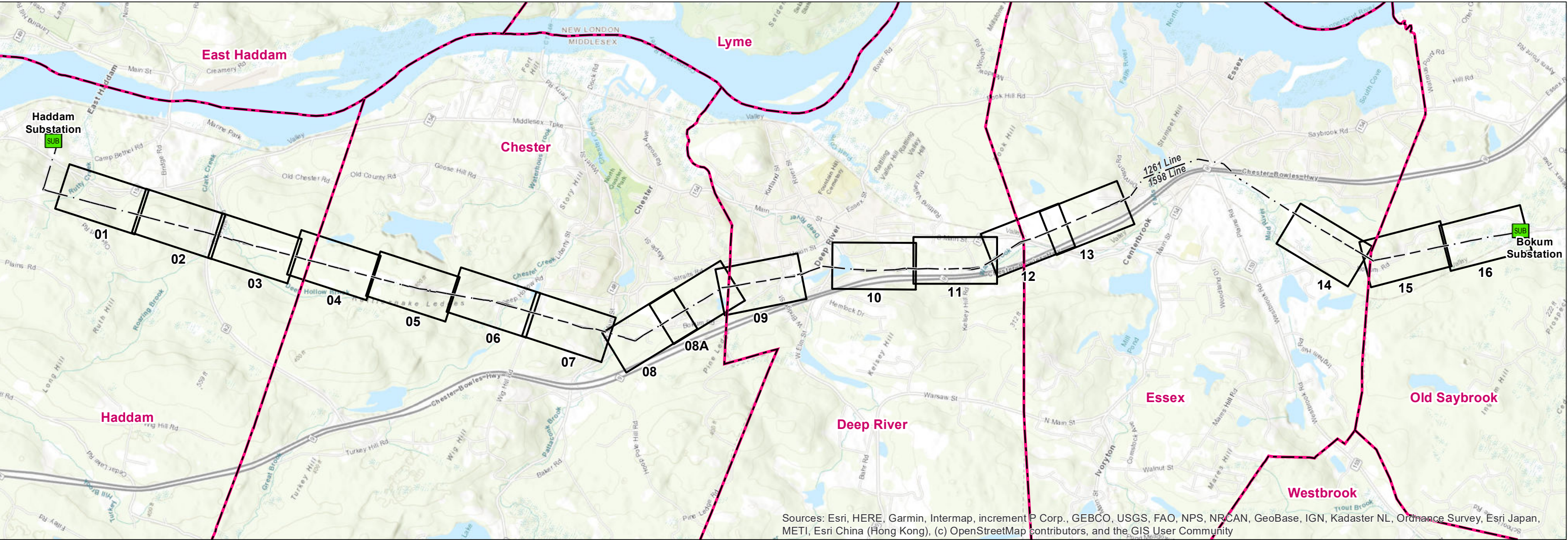
Attachment A: Revised Sub-Petition Map Set

1261/1598 Line - Structure Replacement Project

Haddam, Chester, Deep River, Essex, and Old Saybrook, CT
Sub-Petition Map Set

Date: May 17, 2019 (revised March 12, 2020)

Attachment A



Legend



PREPARED FOR:

EVERSOURCE
ENERGY

107 Selden Street
Berlin, CT 06037

INDEX OF FIGURES

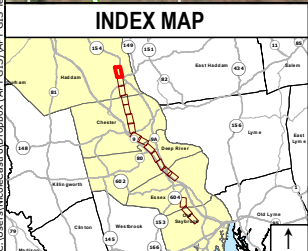
Title Sheet / Index Map
Abutter Tables & Map Sheets 1-16

PREPARED BY:

ALL-POINTS
TECHNOLOGY CORPORATION

567 Vauxhall Street Extension – Suite 311
Waterford, CT 06385

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No Abutters to Jurisdictional Work Areas



Legend

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- Map Sheet Matchline

Map Notes:
Not for Construction. Parcels, ROW boundaries, and structure locations are approximate (NOT from survey). Repairs to existing access roads within wetlands with permanent fills are exempt discharges under 323.4(a)(2) provided that the limit of fill does not exceed the footprint of the existing fill through wetlands areas. Maintenance repairs do not include modifications that change the character, scope, and size of the original fill design. Temporary impacts associated with construction mats in previously disturbed wetland and upland areas either within vernal pool (VP) depressions or management area (100' of VP's edge) are eligible under the Army Corps of Engineers CT General Permit as a Self-Verification eligible activity.

Base Map Source: CTECO 2016 Aerial Imagery

1 inch = 200 feet

0 50 100 200 Feet

EVERSOURCE ENERGY									
1261/1598 Line Structure Replacement Project									
Haddam, CT									
Map Sheet 01 of 16									
May, 2019 REVISED March, 2020									
NO.	DATE	REVISIONS	BY	CHK	APP	APP			



Map Sheet 02 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
114	STATE OF CONNECTICUT	RUTH HILL ROAD	HADDAM	CT



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EVERSOURCE ENERGY

1261/1598 Line

Structure Replacement Project

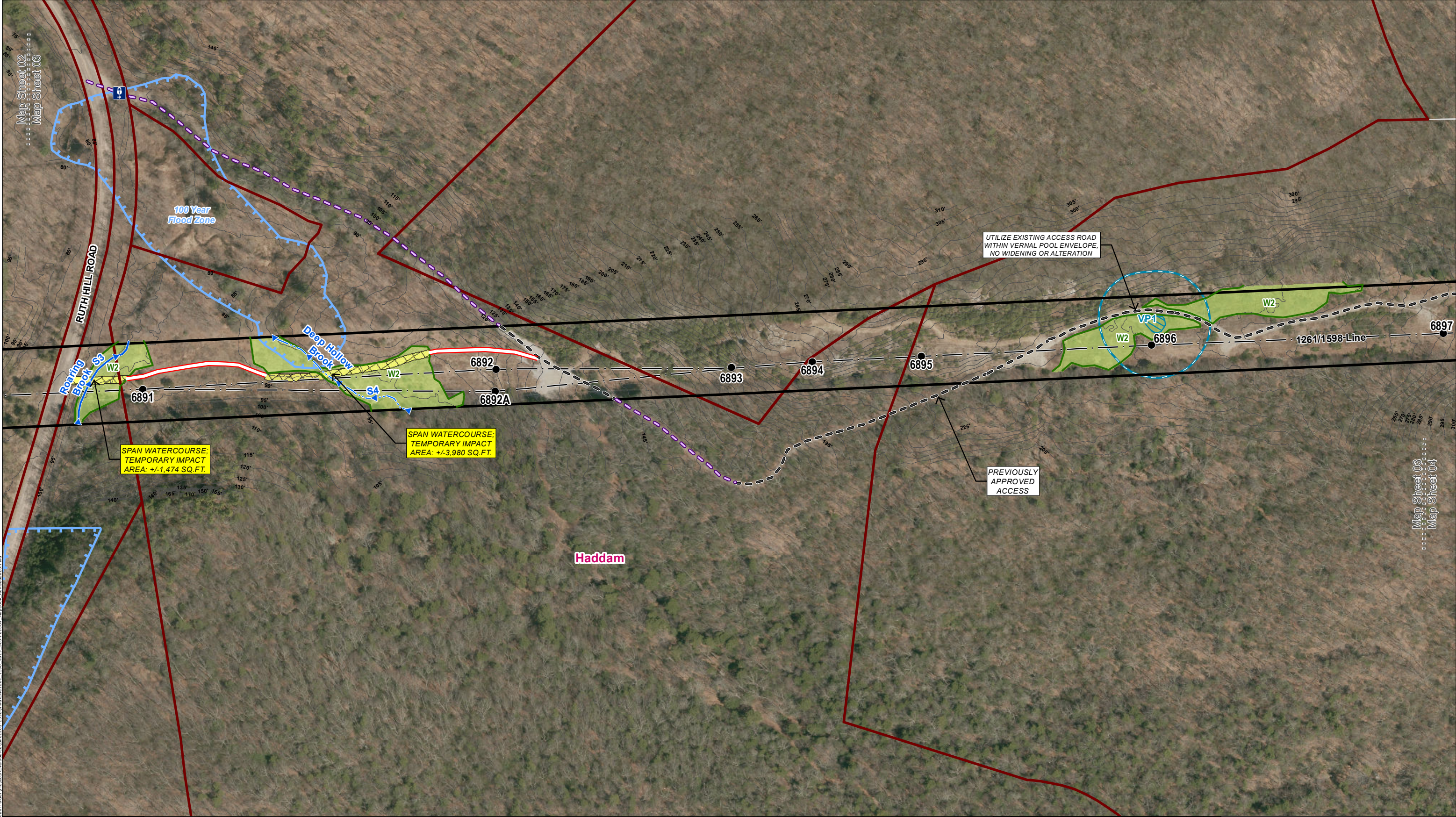
Haddam, CT

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EVERSOURCE
ENERGY

1261/1598 Line
Structure Replacement Project

Haddam, CT

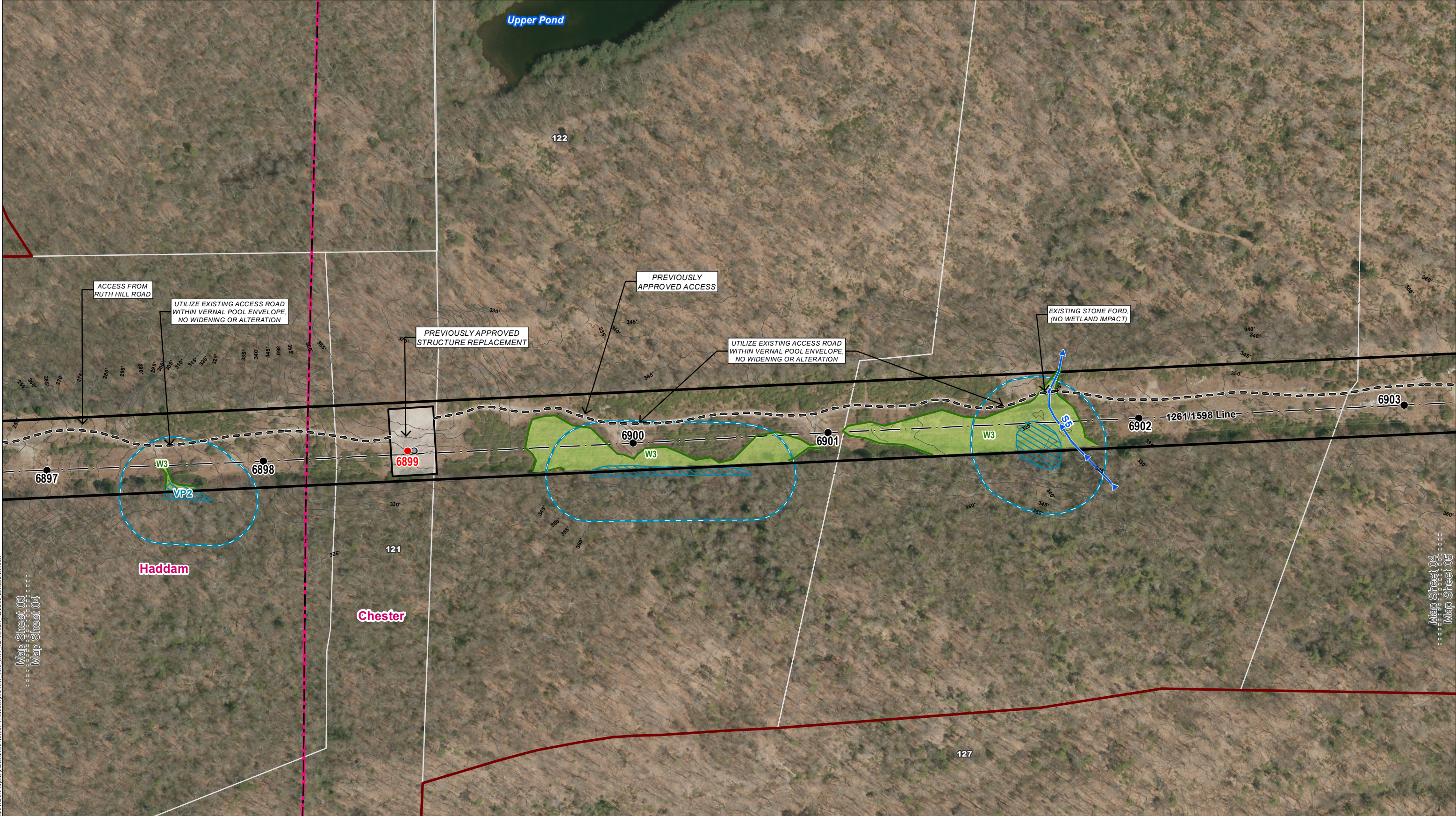
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ALL-POINTS
TECHNOLOGY CORPORATION

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1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
121	RUSSELL A & ANN W MCNUTT	HADDAM CHESTER LINE	HADDAM	CT
122	CONNECTICUT WATER COMPANY	OLD COUNTY ROAD	CHESTER	CT



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EVERSOURCE
ENERGY

**1261/1598 Line
Structure Replacement Project**

Haddam and Chester, CT

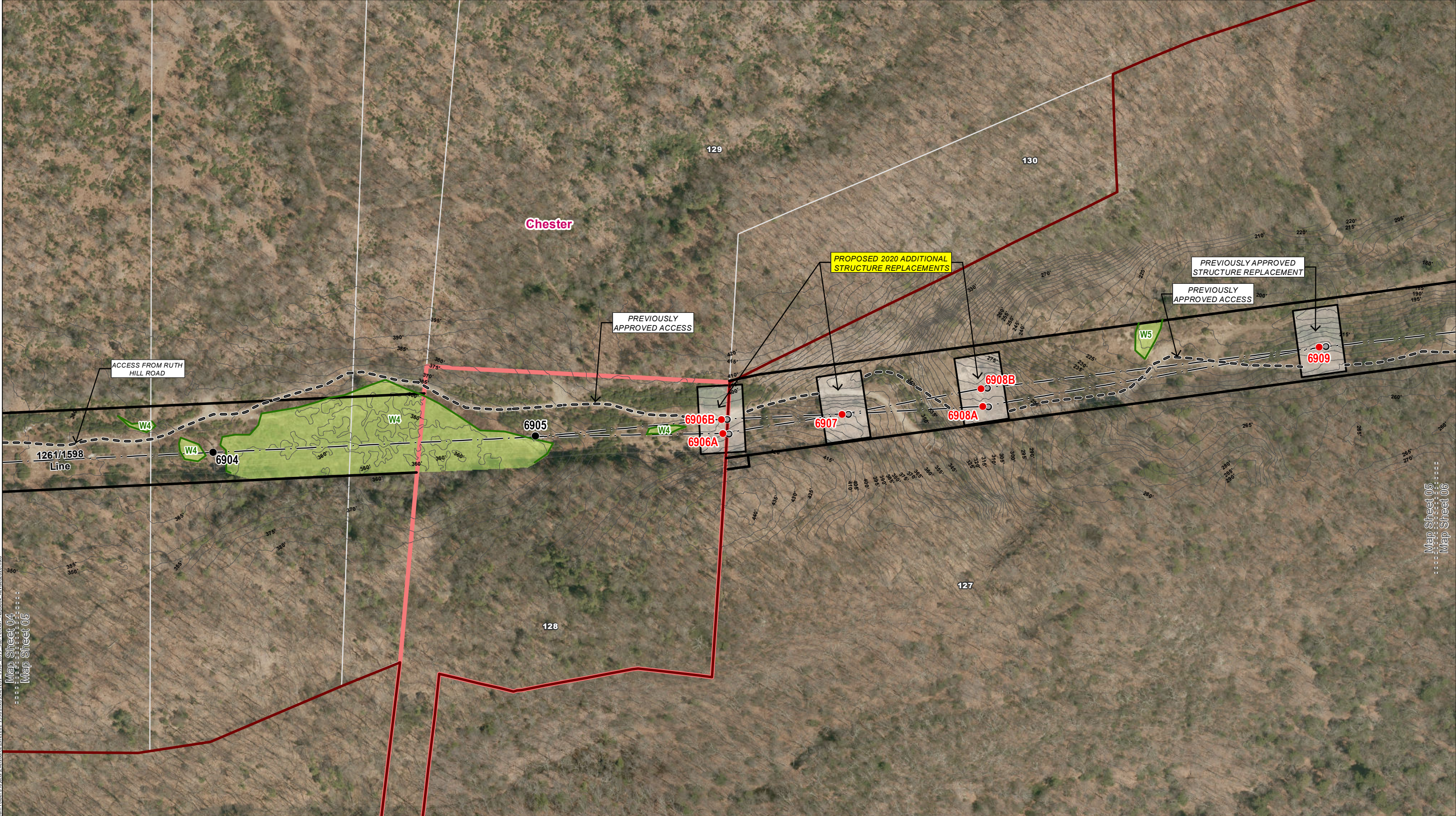
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TECHNOLOGY CORPORATION

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1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
127	STATE OF CONNECTICUT C/O DEPARTMENT OF ENVIRONMENTAL PROTCTION	DEEP HOLLOW ROAD	CHESTER	CT
128	ROCKY RIVER REALTY CO	DEEP HOLLOW ROAD	CHESTER	CT
129	CONNECTICUT WATER COMPANY	73 GOOSE HILL ROAD	CHESTER	CT
130	CONNECTICUT WATER COMPANY	DEEP HOLLOW ROAD	CHESTER	CT



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Map Sheet 05
Map Sheet 06

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1261/1598 Line
Structure Replacement Project

Chester, CT

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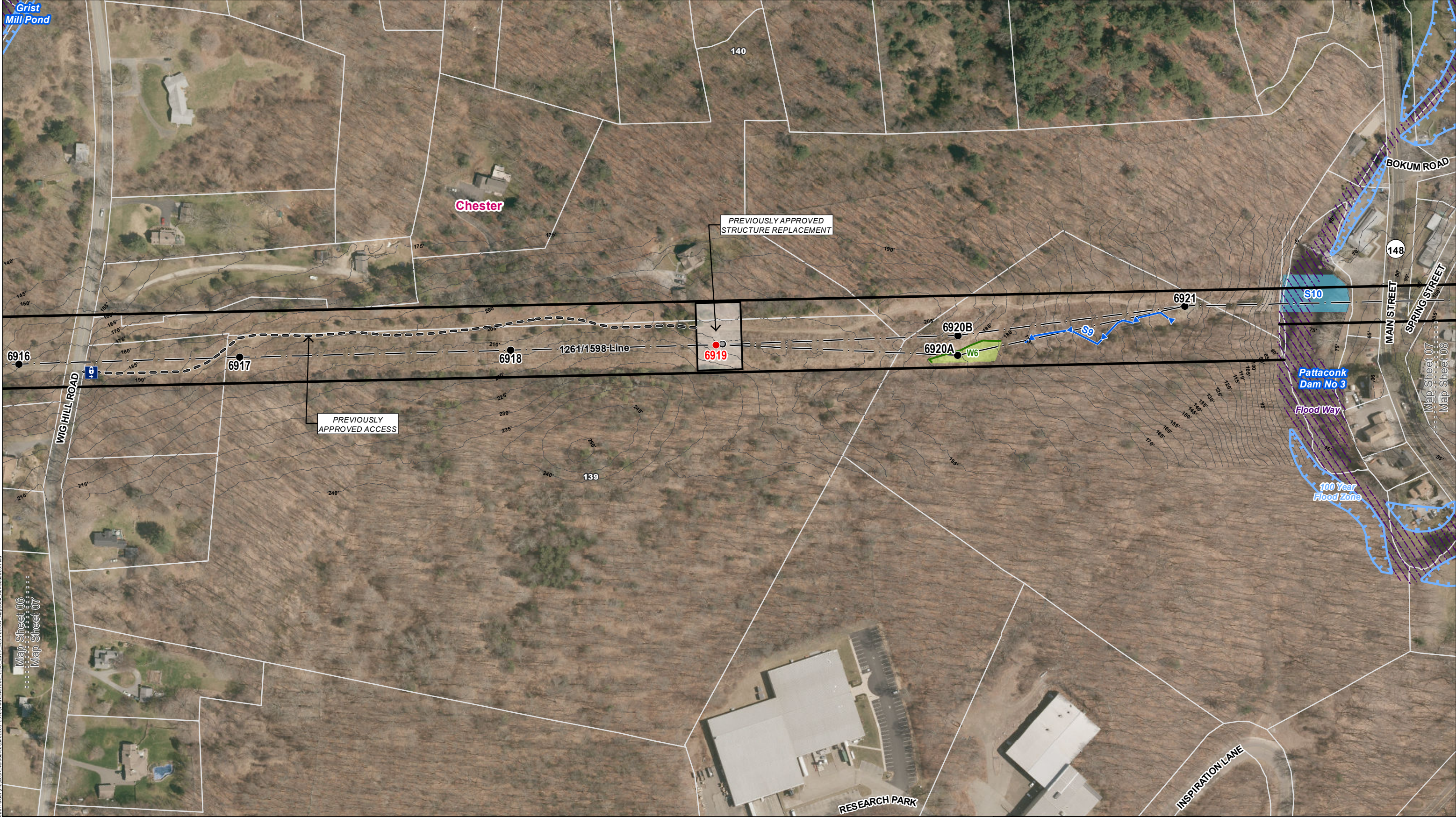
ALL-POINTS TECHNOLOGY CORPORATION

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1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
127	STATE OF CONNECTICUT C/O DEPARTMENT OF ENVIRONMENTAL PROTCTION	DEEP HOLLOW ROAD	CHESTER	CT

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1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
139	BRUCE H WATROUS & BETSEY A PASINELLA TRS	WIG HILL ROAD	CHESTER	CT
140	KAREN & ANDREW PERNA	17 WIG HILL ROAD	CHESTER	CT



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1261/1598 Line

Structure Replacement Project

Chester, CT

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Abutters List

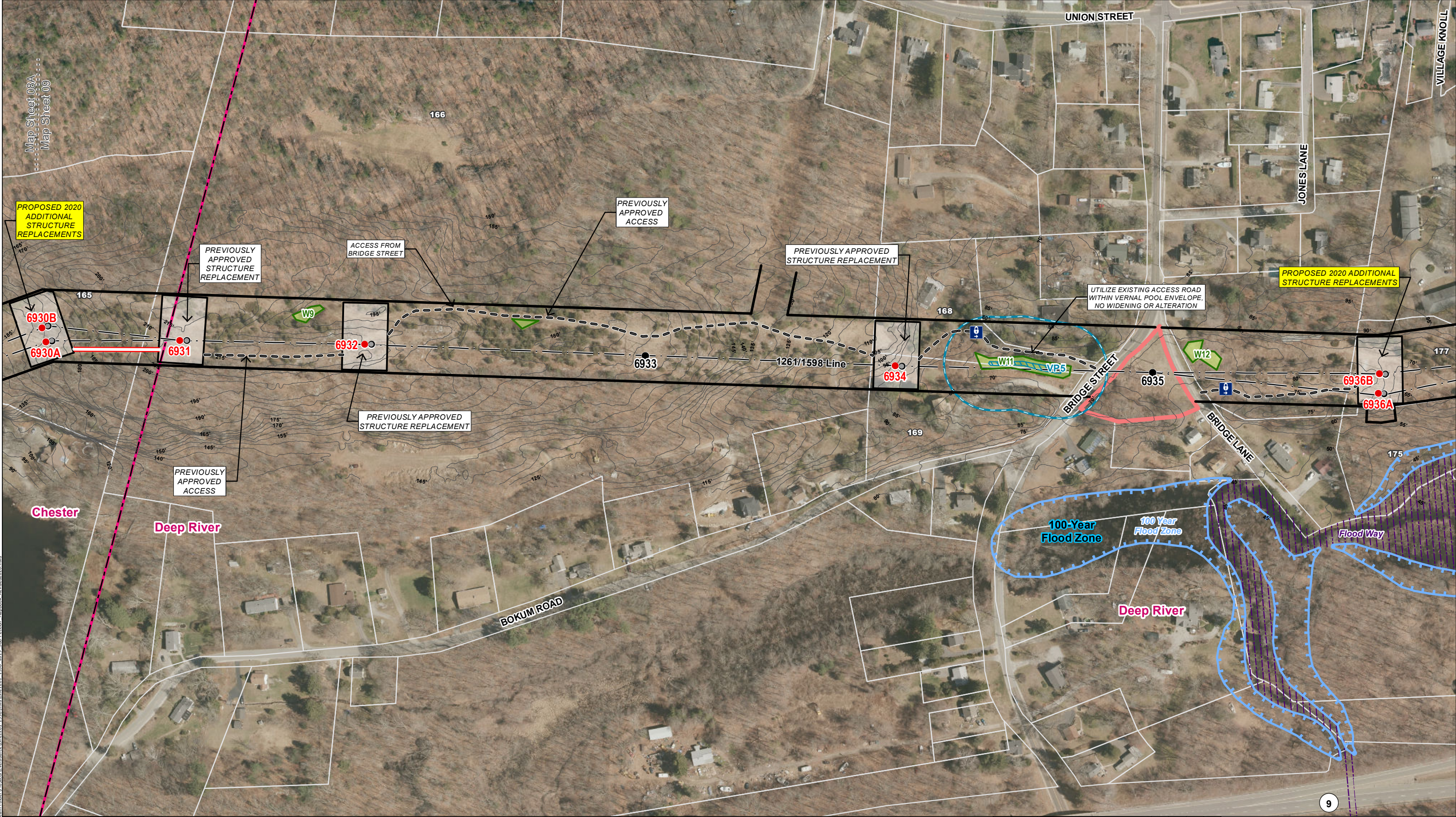
<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
149	IRWIN GRIFFITH & CHARLEEN CARFI	16 BOKUM ROAD	CHESTER	CT
150	JESSICA E FUNKE	18 BOKUM ROAD	CHESTER	CT

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Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
160	DAVID J & ELAINE M FITZGIBBONS	37 BOKUM ROAD	CHESTER	CT
161	DIANE L GILBERT	43 BOKUM ROAD	CHESTER	CT
162	TONYA & TYLER TRACY	BOKUM ROAD	CHESTER	CT
163	RAYMON D & TIFFANY M KNOOP	63 BOKUM ROAD	CHESTER	CT
165	THOMAS F CONNOLLY	BOKUM ROAD	CHESTER	CT
166	RICHARD J PYTLIK	BOKUM ROAD	DEEP RIVER	CT

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1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
165	THOMAS F CONNOLLY	BOKUM ROAD	CHESTER	CT
166	RICHARD J PYTLIK	BOKUM ROAD	DEEP RIVER	CT
168	ADAM HARRIS & ASHLEY BARTEK	106 WEST BRIDGE STREET	DEEP RIVER	CT
169	LISA MARIE WICKSTROM & JOHN DUREK	110 WEST BRIDGE STREET	DEEP RIVER	CT
175	THOMAS H BOWE	UNION STREET	DEEP RIVER	CT
177	MARGARET P EAGAN	103 UNION STREET	DEEP RIVER	CT



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1261/1598 Line Structure Replacement Project

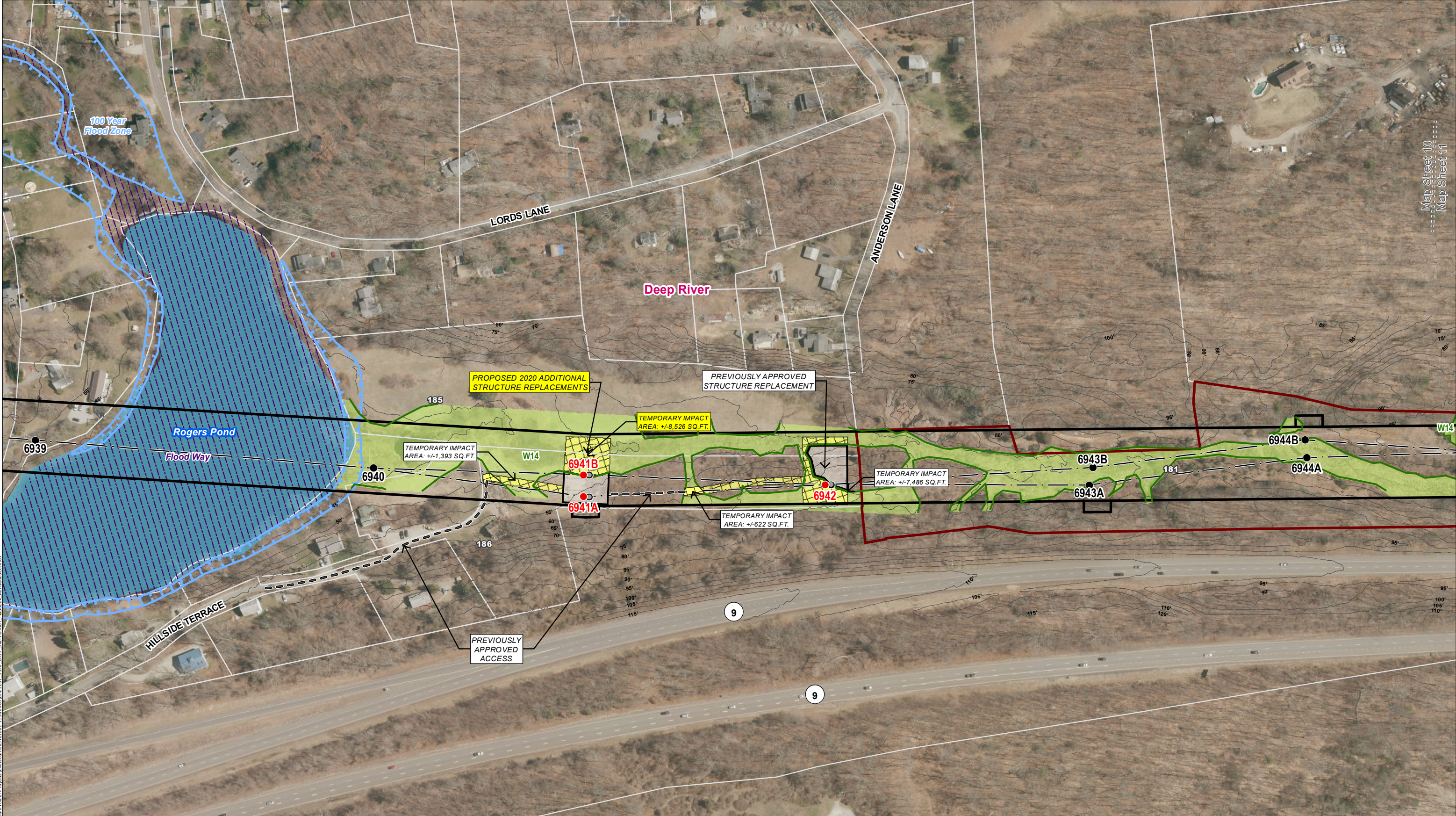
Chester and Deep River, CT

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185	PETER E HAASE	23 HILLSIDE TERRACE	DEEP RIVER	CT
186	TYLER G. WHITE	36 HILLSIDE TERRACE	DEEP RIVER	CT



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**1261/1598 Line
Structure Replacement Project**

Deep River, CT

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May, 2019 REVISED March, 2020

ALL-POINTS
TECHNOLOGY CORPORATION

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181	STATE OF CONNECTICUT	ANDERSON LANE	DEEP RIVER	CT
191	ROBERT R STALSBURG, JR &SHERI L. TRUSTEES	366 MAIN STREET	DEEP RIVER	CT
192	SEAN & JENNIFER SCOTT	22 KELSEY HILL ROAD	DEEP RIVER	CT
194	EUNICE H. HOWARD	414 MAIN STREET	DEEP RIVER	CT
196	GEORGE G BARRLETT, JR	444 MAIN STREET	DEEP RIVER	CT

Map Sheet 12 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

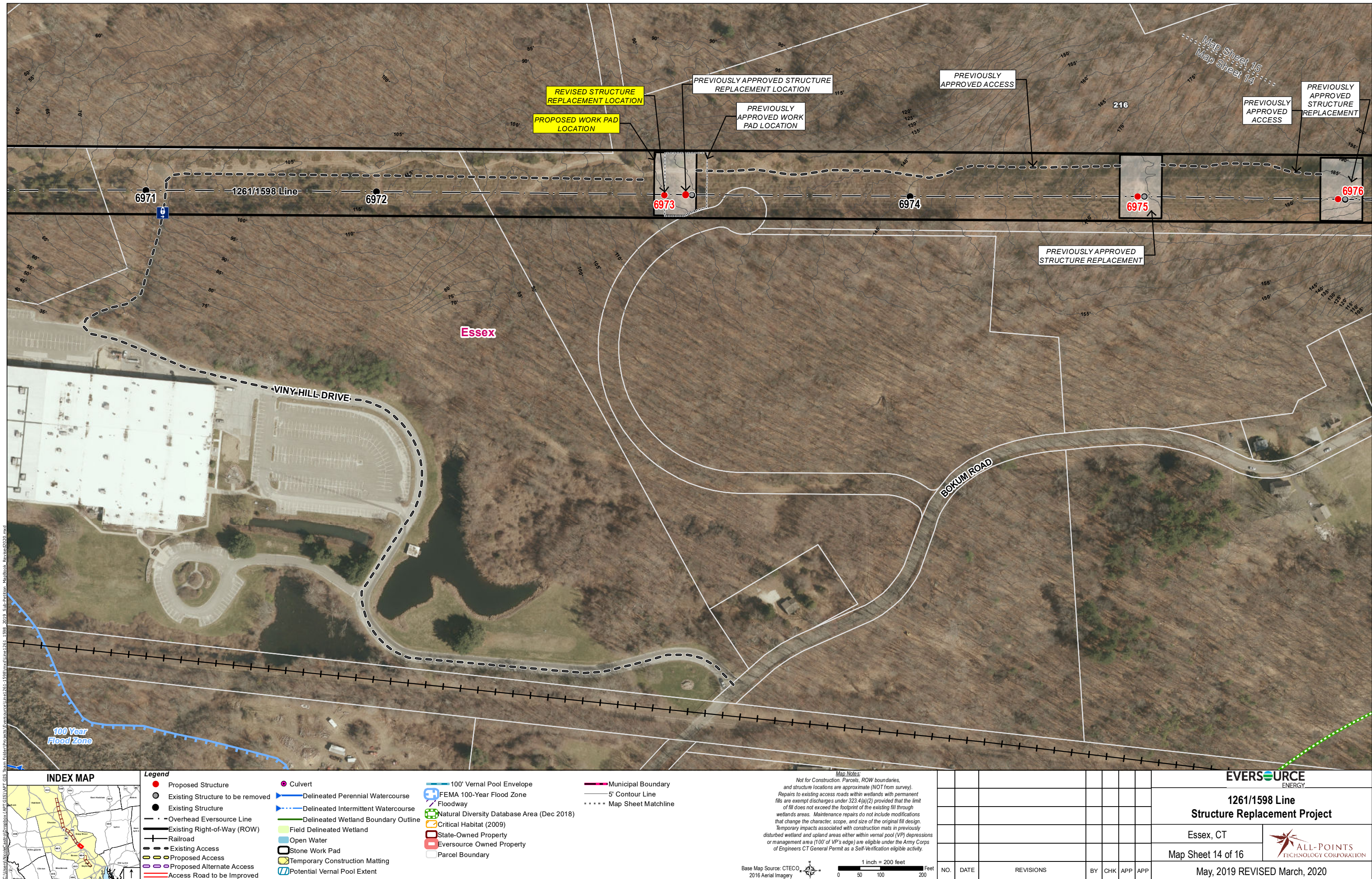
<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
194	EUNICE H. HOWARD	414 MAIN STREET	DEEP RIVER	CT
196	GEORGE G BARRLETT, JR	444 MAIN STREET	DEEP RIVER	CT
198	MISLICK FAMILY LIMITED PARTNERSHIP, CONNECTICUT VALLEY INDUST & PARTNER	500 MAIN STREET	DEEP RIVER	CT
201	TOWN OF ESSEX	1 DUMP ROAD	ESSEX	CT

Map Sheet 13 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
201	TOWN OF ESSEX	1 DUMP ROAD	ESSEX	CT
204	ESSEX LAND TRUST INC	EAGLE RIDGE DRIVE	ESSEX	CT
205	ESSEX LAND TRUST INC	EAGLE RIDGE DRIVE	ESSEX	CT
208	ESSEX LAND TRUST INC	EAGLE RIDGE DRIVE	ESSEX	CT

Map Sheet 14 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
216	STEPHEN R CLINE SUCCESSOR TRUSTEE OF THE ESTATE IRREVOCABLE TRUST	BOKUM ROAD	ESSEX	CT



Map Sheet 15 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
216	STEPHEN R CLINE SUCCESSOR TRUSTEE OF THE ESTATE IRREVOCABLE TRUST	BOKUM ROAD	ESSEX	CT
234	THERESA L & WAYNE L MARTIN JR	129 BOKUM ROAD	OLD SAYBROOK	CT
235	MICHAEL A SPERA	107 BOKUM ROAD	OLD SAYBROOK	CT



INDEX MAP

Legend

- Proposed Structure
- Existing Structure to be removed
- Existing Structure
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- Railroad
- Existing Access
- Proposed Access
- Proposed Alternate Access
- Access Road to be Improved

- Culvert
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Field Delineated Wetland
- Open Water
- Stone Work Pad
- Temporary Construction Matting
- Potential Vernal Pool Extent

- 100' Vernal Pool Envelope
- FEMA 100-Year Flood Zone
- Floodway
- Natural Diversity Database Area (Dec 2018)
- Critical Habitat (2009)
- State-Owned Property
- Eversource Owned Property
- Parcel Boundary

- Municipal Boundary
- 5' Contour Line
- Map Sheet Matchline

Map Notes:

Not for Construction. Parcels, ROW boundaries, and structure locations are approximate (NOT from survey). Repairs to existing access roads within wetlands with permanent fills are exempt discharges under 323.4(a)(2) provided that the limit of fill does not exceed the footprint of the existing fill through wetlands areas. Maintenance repairs do not include modifications that change the character, scope, and size of the original fill design. Temporary impacts associated with construction mats in previously disturbed wetland and upland areas either within vernal pool (VP) depressions or management area (100' of VP's edge) are eligible under the Army Corps of Engineers CT General Permit as a Self-Verification eligible activity.

Base Map Source: CTECO 2016 Aerial Imagery

1 inch = 200 feet

0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE
ENERGY

**1261/1598 Line
Structure Replacement Project**

Essex and Old Saybrook, CT

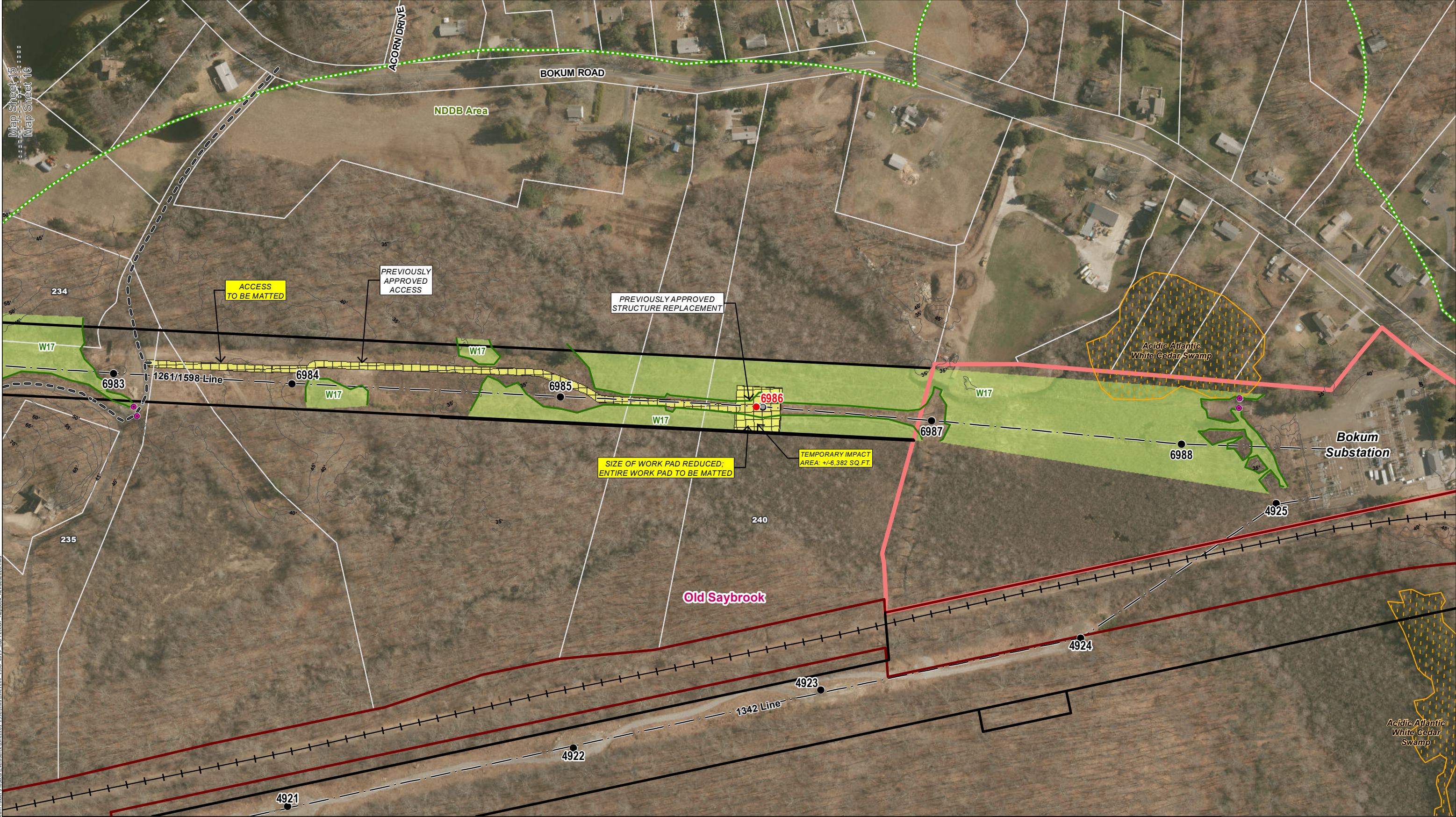
Map Sheet 15 of 16

May, 2019 REVISED March, 2020

ALL-POINTS
TECHNOLOGY CORPORATION

Map Sheet 16 of 16
1261/1598 Line - Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Owner Name</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>
234	THERESA L & WAYNE L MARTIN JR	129 BOKUM ROAD	OLD SAYBROOK	CT
235	MICHAEL A SPERA	107 BOKUM ROAD	OLD SAYBROOK	CT
240	EUGENE M & LISA ANN EVANGELISTI	BOKUM ROAD	OLD SAYBROOK	CT



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0 50 100 200 Feet

NO.	DATE	REVISIONS	BY	CHK	APP	APP

EVERSOURCE
ENERGY

**1261/1598 Line
Structure Replacement Project**

Old Saybrook, CT

Map Sheet 16 of 16

May, 2019 REVISED March, 2020

ALL-POINTS
TECHNOLOGY CORPORATION