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Deborah Denfeld

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May 22, 2023

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

Re: Petition No. 1565: East of Hurd State Park to East Haddam Junction 1772, 362, 376, and
364 Lines Rebuild Project

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy submits the enclosed original and 15 copies of the response to the request for information listed below:

Response to CSC-01 Interrogatories dated May 1, 2023
Set 01 – Questions 1-23

Sincerely,

A handwritten signature in cursive script that reads "Deborah Denfeld".

Deborah Denfeld
Team Lead – Transmission Siting

Encl

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 1

Referencing Petition p. 37, were there any additional comments received from the Towns of East Haddam, Haddam or East Hampton or abutting property owners since the filing of the Petition? If so, what were their concerns, and how were these concerns addressed?

Response:

There have been no comments or issues raised from the municipal officials of Haddam, East Haddam, or East Hampton.

Since the Petition filing, Eversource has had two abutting property owners request advance notification prior to work starting within the right of way that traverses their property and one request to keep all gates to the access roads closed during construction. Eversource will accommodate these commitments and will instruct the contractor prior to the start of construction to meet the discussed commitments during construction. One abutting property owner expressed site-specific concerns about proposed structure locations, including direct property impacts and perceived visual impact due to the structure's proximity to the home. Eversource met with this property owner onsite to discuss the design location, engineering standards, and potential visual mitigation measures that may be implemented after standard restoration.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 2

Describe outreach efforts to project abutters. Over what time frame were abutters contacted? Which abutters requested further information? Were right-of-way (ROW) restoration measures described during public outreach?

Response:

Eversource has completed a series of outreach efforts to connect with all direct abutting property owners to inform them of the proposed Project and will continue to connect with property owners and the municipal officials throughout the duration of the Project.

Outreach began in February 2023, when Eversource sent abutting property owners a notice to introduce the Project and explain the Project scope and schedule. Eversource also connected with abutting property owners in person by executing “door to door” outreach. As a part of door to door outreach, Eversource meets with property owners and answers any questions or concerns that they may have. Eversource also offered to provide more detailed information about the Project to property owners so that they have a clearer understanding of what to expect through the Project development and permitting process, pre-construction field work and construction activities likely to occur within the right-of-way, and overall timeline of the Project. Eversource provided each abutting property owner a Project phone number aka “hotline” and email address so that if questions or concerns arise at any time, they can contact Eversource at their convenience. Eversource has a service-level commitment to respond to inquiries within two business days. Eversource is also committed to continuing such conversations with property owners and will continue to provide written communication and meet with property owners throughout each stage of the Project so that property owners are always aware of the Project status.

One property owner expressed site-specific concerns about proposed structure locations, including direct property impacts and perceived visual impact due to the proximity of a structure. Eversource met with this property owner onsite to discuss the design limitations, engineering standards, best practices for restoration, and potential visual mitigation measures. Eversource committed to the property owner that the team will evaluate work pad limits with the contractor prior to construction to determine if any further reduction of impacts to the area would be feasible. Property area(s) for which impacts cannot be avoided will be restored to substantially similar or better condition during Project restoration. Eversource will continue to coordinate potential mitigation measures with this property owner and each individual property owner, as requested.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 3

Referencing Petition p. 27, did the Federal Aviation Administration (FAA) indicate marking and/or lighting would be required for Structures 3725 and 3724? Are the existing structures currently marked/lighted? What was the result of the FAA circularization process?

Response:

The existing structures 3725 and 3724 are not currently marked or lighted. Information regarding the replacement structures has been filed with the FAA. Eversource is currently awaiting response from the FAA, including the outcome of the circularization process.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 4

Referencing Petition p. 2, what public utility uses/rights are identified under the easements along the existing ROW?

Response:

Although some of the easements have minor wording differences, the easements grant Eversource public utility uses/rights consistent with the following:

East of Hurd State Park to Haddam Neck Switching Station:

A majority of the land rights held east of Hurd State Park to Haddam Neck Switching station are fee owned, however, the easements rights include:

The right and easement to erect, construct, repair, maintain, replace, relocate, inspect, operate and remove upon, over, under and across said right of way, poles, towers, crossarms, guys, foundations, anchors, braces, ducts, manholes and other structures, wires, cables and other conductors, and other fixtures and appurtenances useful for the conduction of electricity and/or for providing and maintaining electric and/or communication service, and monuments and signs to locate said right of way, and the right to conduct electricity and to provide electric and/or communication service by means of the same. The right and easement to enter upon and travel and transport materials over and across the right of way. The right to trim and keep trimmed, cut, clear and remove, by mechanical means or otherwise, trees, limbs and branches thereof, underbrush and other growth, other than crops, any part of which are within the limits of said right of way or on adjoining land of the Grantor and which may interfere with the exercise of the rights granted. The right to remove structures within or projecting into the right of way.

Haddam Neck Switching Station to East Haddam Junction:

A perpetual easement, privilege and right of way for electric lines for the transmission of electric currents of any character necessary or convenient from time to time in the conduct of the grantee's business and the right at any time and from time to time to erect, inspect, operate, use, patrol and permanently maintain the said electric lines, upon over and across the easement land. Said electric lines may consist of poles, towers, other supporting structures (which may be substituted one for the other at any time), circuits, cables, wires, crossarms, guy wires, anchors, guys stubs and other overhead and underground appurtenances and fixtures, any or all of which constitute parts of said electric lines may be erected, relocated, replaced, repaired or changed in number, size or type from time to time. Together also with the right to enter upon, pass and transport materials, along and over said right of way to and from adjoining land of others or highways. Together with the

right to trim, cut, take down and remove, at any and all times, such trees, parts of trees, limbs, branches, underbrush and structures, within or projecting into the right of way.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 5

Referencing Petition p. 4, for the lattice opportunity structures, how was the determination made to proactively replace them and what is the typical life span of these lattice structures?

Response:

Eversource added these opportunity structures to the Project scope in an effort to reduce the potential impacts to the environment along the ROW that would otherwise have resulted from having to return to replace these structures on the 362 and 376 lines in the near future.

The proactive replacement of these structures as part of this Project is also consistent with Eversource's Lattice Structure Retirement Program, which prioritizes the replacement of aging lattice steel towers to maintain system reliability. The replacement of all the lattice steel towers along the ROW between east of Hurd State Park and Haddam Neck Switching Station as part of this Project also will result in cost-efficiencies and less instances of disturbance to property owners.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 6

Referencing Petition p. 7, why did Structure Nos. 3733 and 3734 deteriorate to an unsatisfactory condition in less than 10 years?

Response:

The asset condition of structures was reviewed by Eversource engineering and construction personnel during field reviews conducted as part of the planning for this Project. The field reviews determined that both treated wood structures have splits in the pole tops. Whereas certain splits in wood poles do not adversely affect, or immediately adversely affect, the overall asset condition of the structures, in the case of Structures 3733 and 3734, the splits affect the pole attachments; therefore, the poles must be replaced.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 7

Referencing Petition Map Sheet 10, Structure No. 5417 is marked for replacement; however, this structure was also marked for replacement in Council Sub-Petition No. 1293-HEHLELMW-01, approved by the Council on February 4, 2019 (with an extension to complete improvements to February 4, 2024). Has this structure been replaced prior to the filing of the petition? If yes, why does it need to be replaced again?

Response:

Structure 5417, which is a wood H-frame, was not replaced as part of the Sub-Petition 1293-HEHLELMW-01 work.

Subsequent to the submission of the Sub-Petition, Eversource's additional analyses of Structure 5417 determined that it would require replacement due to asset condition issues and to support the planned OPGW installation. As a result, Structure 5417 was added to this Project.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 8

The existing conductors on the lines are approximately 55- 60 years old. Why aren't the conductors scheduled for replacement at this time? What is the life span of the different conductor types on the lines?

Response:

The conductors on the lines in the Project scope are different sizes, but are all the same type, Aluminum Conductor Steel Reinforced (ACSR). The useful life of ACSR conductors can vary depending on a variety of environmental factors, and they can last far longer than typical transmission line asset lifetime with good maintenance and life extending component replacements.

Eversource routinely inspects the conductors on its transmission lines for any wear or damage. Recent inspections of the Project lines do not show conductor damage or unusual wear, nor has there been poor reliability trends or equipment failures to suggest an immediate or near-term need for their replacement. Eversource also continuously monitors the reliability performance of assets, as well as other characteristics, such as lack of availability of spare parts, technology advances, and obsolescence notices. At this time, there is no identified system need to upgrade or replace the conductors on these lines.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 9

When was the most recent vegetation management conducted in the ROW? What work was performed?

Response:

The most recent vegetation management along the Project ROW was performed in 2022, as part of Eversource's cyclical vegetation management, referred to as the Transmission Right-of-Way Reliability Program (TRRP). The purpose of TRRP is the removal of all incompatible species of vegetation within the easement area or to a distance of 100 feet, beyond the limits of the historically maintained right-of-way (ROW). The program's intent is to reduce the fall-in risk from trees onto or near enough to the transmission lines that could cause a fault, that fall from outside the maintained ROW but are within the easement or fee owned area. Vegetation species such as native grasses, flowers, ferns, and low growing shrubs are considered desirable and are preserved whenever possible and encouraged to grow.

Contracted tree crews entered the Project ROW in August 2022 and completed work along the ROW in October 2022. For this vegetation management work, the crews cut or removed incompatible woody plant species that can reach a height of 15 feet or greater at maturity. The work was performed by hand and by machinery. Target vegetative species consisted primarily of trees or shrubs, including but not limited to oak, maple, sassafras, hickory, etc.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 10

Is the proposed project identified in any ISO-New England, Inc. (ISO-NE) needs and solutions analyses? Is the proposed project on the ISO-NE Regional System Plan (RSP), Project List and/or Asset Condition List? If yes, identify.

Response:

The East of Hurd State Park to East Haddam Junction Line Rebuild Project (the Project) was not identified by an ISO-New England Inc. needs and solutions analysis. The Project is associated with multiple ISO-NE Asset Condition List (ACL) entries, including two existing entries (ACL #357 and #359), as well as two additional entries that will be added by ISO-NE to the ACL in a future update.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 11

Are any generation facilities listed on the ISO-NE interconnection queue associated with the proposed project? If so, please identify the generation facilities and the queue position.

Response:

No, there are no generation facilities listed on the ISO-NE interconnection queue associated with the proposed Project.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 12

What is the total estimated cost of the project? Of this total, what costs would be regionalized, and what costs would be localized? Estimate the percentages of the total cost that would be borne by Eversource ratepayers, Connecticut ratepayers, and the remainder of New England (excluding Connecticut) ratepayers, as applicable.

Response:

The total estimated cost of the project is approximately \$33.702 million. Eversource anticipates that the entire cost will be regionalized pending the final determination of ISO-New England's Schedule 12C Review.

The Company anticipates the following overall allocations for the total cost:

- Customers of Eversource: 19.2%
- Other Connecticut customers: 6.0%
- Other New England customers: 74.8%

The estimated allocations are based on 2022 actual loads.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 13

How does the project relate to other proposed, planned or constructed Connecticut reliability and asset condition projects?

Response:

This Project is comparable to many other Eversource projects across Connecticut. The main purpose is to improve transmission system reliability, which would be achieved in this case by replacing the structures and installing OPGW.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 14

In addition to Eversources Best Management Practices, what other specific environmental mitigation measures and/or monitoring would be conducted for construction within environmentally sensitive areas?

Response:

In addition to Eversource's Best Management Practices ("BMPs"), Eversource would comply with recommendations detailed in the Connecticut Department of Energy and Environmental Protection ("CTDEEP") Natural Diversity Database ("NDDB") Determination Letter (once received) for additional protection measures, which may include, but not be limited to, providing contractor training, time of year restrictions for work in certain species habitat areas, monitoring, and/or installation of exclusionary features (e.g., silt or snow fencing) as directed by qualified individuals.

Gravel work pad restoration measures would also be implemented to mitigate impacts within environmentally sensitive areas, which would include amendment of the work pad surface with stockpiled topsoil or fine process gravel, application of a native warm season grass mix, and installation of temporary erosion and sediment controls (e.g., straw mulch, compost filters, biodegradable erosion control blankets, etc.), which would be regularly inspected and maintained until final stabilization has been achieved.

Interrogatory Response 21 includes additional vernal pool protection measures that would be implemented during Project construction. These include but are not limited to avoiding civil construction near vernal pools to the maximum extent practicable during high sensitivity periods for the observed vernal pool indicator species, as well as protection of compatible vegetation within the vernal pool envelopes.

In addition to the monitoring requirement under the CTDEEP's *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities* ("General Permit"), Eversource will assign a qualified environmental inspector to conduct weekly inspections for the duration of the project activities, including restorations, and to perform post-restoration on a monthly basis until all disturbed areas are stabilized and the Notice of Termination is filed per the General Permit requirements.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 15

Has Eversource developed a Protection Plan for wetlands, watercourses and vernal pools in its construction plans for the project? If yes, submit the plan. If no, when would such a plan be developed?

Response:

Eversource has not developed a single, stand-alone Protection Plan for wetlands, watercourses, and vernal pools for the Project.

However, the Project Stormwater Pollution Control Plan (SWPCP), which will be finalized upon receiving the requested final Determination from NDDb (request submitted April 3, 2023), and which details work areas, erosion and sedimentation control measures and matting configurations. These measures and configurations are intended to protect sensitive resource areas (e.g., wetlands, watercourses, and vernal pools) during construction. The SWPCP will be finalized 60 to 90 days prior to the start of construction.

Project work will comply with the SWPCP; Eversource's BMP Manual, which focuses on the protection of wetlands, watercourses, and vernal pools; the vernal pool protection measures defined in Interrogatory Response 21; and the U.S. Army Corps of Engineers Self-Verification Authorization Conditions for work in wetlands. Eversource will also conduct weekly inspections to ensure compliance with the General Permit, BMPs, authorizations, and permit conditions.

Eversource believes that the protection measures defined in the SWPCP, vernal pool protocols, authorizations, and BMP Manual are comprehensive and meet the spirit and intent of a single Protection Plan.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 16

Referring to Petition Map Sheet 12;

why is a permanent bridge proposed to span Succor Brook in Wetland 20 rather than using temporary matting or a temporary rail car crossing (as specified for the brook crossing in Wetland 19)?

provide details/specifications of the proposed permanent bridge and abutments.

What bridge design methods would be used to ensure the bridge is not damaged or flood storage is not affected during a 100-year flood event?

Response:

Please see responses below:

a) Eversource proposes to install the permanent bridge over Succor Brook in order to ensure rapid access to East Haddam Junction. The bridge is necessary for this Project and for future maintenance activities. Depending on the sequence of Project activities the Project may not need to use temporary construction matting for access across the southern portion of Wetland 19, as shown on Map Sheet 12.

The proposed bridge location was selected to minimize impacts to wetlands and water resources, while providing needed permanent access to the East Haddam Junction infrastructure. While the bridge footings and abutments, and portions of the access road would have a permanent impact to Wetland 20, this crossing is the narrowest portion of Succor Brook's wetland system within the ROW and is in alignment with the existing permanent gravel access roads on either side of the brook.

b) The bridge would be constructed using five pre-cast concrete sections with pre-cast concrete footings. Succor Brook at this crossing is approximately 15 feet wide. The proposed bridge would be 25 feet long and 20 feet wide. Permanent steel sheeting would be placed around the abutments and along the sides of the gravel roads on either side of the bridge.

c) The bridge would be designed with permanent steel sheeting around the abutments, footings and along the gravel access roads (for approximately 80 feet along the access road to the east and approximately 50 feet along the access road to the west). The sheeting would be backfilled with riprap to protect against any scouring of the stream bank and allow flood waters to flow around the bridge without impacting the gravel access roads. The bridge decking would be placed above the 100-year floodplain.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 17

Referring to Petition Map Sheet 5, is it feasible to utilize temporary matting at some of the upland structure work areas where topographic condition allows?

Response:

In planning the use of different work pads in upland areas for this Project, Eversource took into consideration both topographical and environmental factors, as well as long-term maintenance needs. The work pads associated with the structure replacements on Map Sheet 5 are proposed to be graveled based on long-term maintenance needs and/or topographical issues. Although temporary matting is not proposed at these work areas, once construction is complete, Eversource will restore these proposed work pads with stockpiled soil and/or processed stone, native grass seed, and chopped straw mulch, since they are located within New England Cottontail Focus and Key Habitat Areas.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 18

Referring to Petition p. 22, it states most of the ROW is within New England Cottontail Focus and Key Habitat Areas and work area restoration would include the covering either partial or fully, of gravel work pads with soil. The Petition Map Sheets do not contain any callouts as to what gravel pads would be partially or fully covered. Provide further information regarding gravel pad restoration. How would Eversource ensure the New England Cottontail post-construction mitigation measures have been satisfactorily completed?

Response:

As part of the restoration of the ROW, all proposed gravel work pads located within New England Cottontail Focus and Connecticut New England Cottontail Key Habitat Areas would receive stockpiled soil and/or processed stone, native grass seed, and chopped straw mulch in accordance with Eversource's current New England Cottontail BMP's. During restoration, work areas would be monitored weekly to ensure soil erosion compliance, grass growth, and then monthly after restoration until the sites are stabilized and the grass is established for long-term regrowth.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 19

What measures would be taken, if necessary, to determine if excavated soils are suitable for reuse or redistribution in other Project areas?

Response:

Excavated soils from the Project that cannot be used as backfill would first be used for the restoration of gravel work pads within New England Cottontail Focus and Key Habitat Areas (refer to the Attachment to Interrogatory Response 18) and then regraded into adjacent uplands and stabilized in accordance with Eversource's BMP Manual and the SWPCP. Any excavated soils that cannot be reused within the Project area would be transported and properly managed off-site in accordance with Eversource BMPs.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 20

Referring to Petition p. 23, would the re-classification of the Northern Long-eared Bat from federally threatened to endangered affect the USFWS Information, Planning, and Consultation determination? Explain.

Response:

With the re-classification of Northern Long-eared Bat (NLEB) from threatened to endangered, the United States Fish and Wildlife Service (USFWS) provided a NLEB Rangewide Determination Key (DKey), published March 6, 2023 and available in the Information for Planning and Consultation tool. On May 5, 2023, the Project was rerun through the DKey and the determination letter stated, “the [Project] is not likely to result in unauthorized take of the northern long-eared bat.” This reevaluation of NLEB through the new DKey for the Project did not materially change the previous determination letter.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 21

Referring to Petition p. 20, has Eversource conducted a site survey to determine the presence or absence of vernal pool species or will Eversource presume vernal pool species are present and implement the protection plan behind petition Attachment F? Explain.

Response:

Eversource completed a vernal pool survey of the Project area in mid-late April of 2023, during the amphibian breeding period. As a result of this field survey, the following changes from Attachment F, which contains the results of the Potential Vernal Pool (PVP) Survey, are noted:

- PVP-1 (Petition Attachment A, Map Sheet 2) and PVP-2 (Petition Attachment A, Map Sheet 6) were determined not to contain the necessary characteristics/species to be considered Vernal Pools.
- PVP-3 (Petition Attachment A, Map Sheet 9), PVP-4 (Petition Attachment A, Map Sheet 10) and PVP-5 (Petition Attachment A, Map Sheets 10 and 11) were determined to meet the characteristics/species presence of vernal pools.

Eversource has updated the Project Attachment A maps to reflect the above-referenced results of the vernal pool survey. Accordingly, PVPs 3 – 5 are now identified as VPs 1-3 on the maps and references to PVP-1 and PVP-2 have been removed from the maps. The updated Attachment A is included as Attachment 21.1 to this response.

The protection measures listed below will be implemented for Project construction activities proximate to vernal pools and within vernal pool envelopes (VPEs). Project activities also will comply with Eversource's BMP Manual and SWPCP.

Protection Measures:

- Active construction within VPEs should be avoided during the amphibian breeding season (approximately March 1 – June 1).
- Vegetation removal within the VPE should be avoided to the maximum extent practicable during the amphibian breeding season (March 1 – June 1).
- Permanent alteration of habitat should be avoided within the VPE. This includes road construction or permanent habitat alteration, or any activities that could alter drainage patterns.

- Minimize the removal of low-growing vegetation within 25 feet of the vernal pool depression. During vegetation removal, compatible species within the VPE should be protected to the maximum extent practicable. If vegetation must be removed, it should be done selectively either by hand or with equipment that can reach in and cut and remove it. Cut vegetation may be left in place within the VPE.
- Install and maintain erosion and sedimentation controls as necessary to protect water quality and to limit the potential for soil deposition into the vernal pool.

Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 22

Referring to Petition Map Sheet 10, the temporary access to the work pad for Structure No. 5417, extends through a forested area. How much tree clearing is required to install the temporary access road?

Response:

The aerial base mapping for the Petition's Attachment A maps (Connecticut Environmental Conditions Online circa 2019) does not reflect more recent vegetation management work that Eversource completed in this area. The photograph below provides a current view of the ROW at Structure 5417. Some additional vegetation management work will be needed to install the temporary matting for this Project. However, no further tree removal work is needed for the installation of the temporary access road for Structure 5417.

Photograph 1: View of Structure 5417 looking south from Orchard Road



Date Filed: May 22, 2023

Request from: Connecticut Siting Council

Question: 23

Referring to Petition p. 21, would installing the permanent bridge and associated fill within the Succor Brook 100-year flood zone require any notifications/permits from the Federal Emergency Management Agency or the US Army Corps of Engineers?

Response:

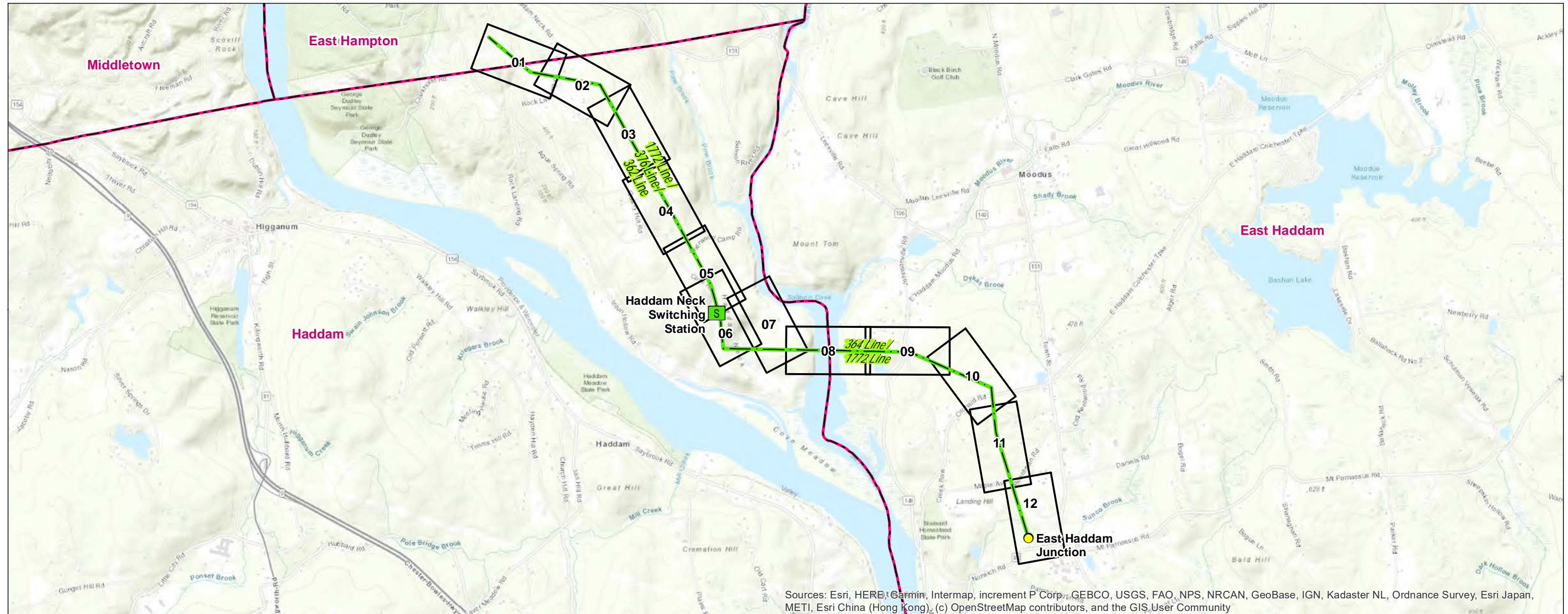
The installation of the permanent bridge over Succor Brook would require a U.S. Army Corps of Engineers Self-Verification Authorization due to the abutments being located within Wetland 20.

The Federal Emergency Management Agency ("FEMA") has not conducted a detailed study (modeling) of this section of Succor Brook; therefore, no base flood elevations are available. However, based on preliminary engineering modeling, no increase in the 100-year flood elevation or inundation was indicated. Consequently, Eversource anticipates that no notification/permit or Letter of Map Revision would be required from FEMA.

East of Hurd State Park to East Haddam Junction Rebuild Project

East Hampton, Haddam, and East Haddam, CT
 Aerial Maps with Confirmed Vernal Pools

Date: May, 08, 2023



Legend

S Switching Station ● Junction Project Corridor Map Sheet Municipal Boundary



0 0.5 1 2 Miles

INDEX OF FIGURES

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 Abutter Tables and Map Sheets 01-12

PREPARED FOR:

EVERSOURCE
 ENERGY

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 Berlin, CT 06037

PREPARED BY:

 **ALL-POINTS**
 TECHNOLOGY CORPORATION

567 Vauxhall Street Extension – Suite 311
 Waterford, CT 06385

MAP SHEET 1 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Hampton and Haddam, Connecticut

AREA DESCRIPTION

- Existing Land Use & Resource Areas
- Eversource Owned Property
 - Residential
 - Agriculture
 - Undeveloped, Forest
 - Natural Diversity Database (NDDB) Area

RIGHT-OF-WAY DESCRIPTION

- Right-of-Way Land Use & Resource Areas
- Eversource Owned Property
 - Maintained ROW
 - Agriculture
 - NDDB Area

- Water Resources
- Wetlands – W1, W2 & W3
 - Wetland Cover Types – PSS
 - Watercourses – None

- Wetland and Watercourse Crossings
- W3 – Matted Work Pad

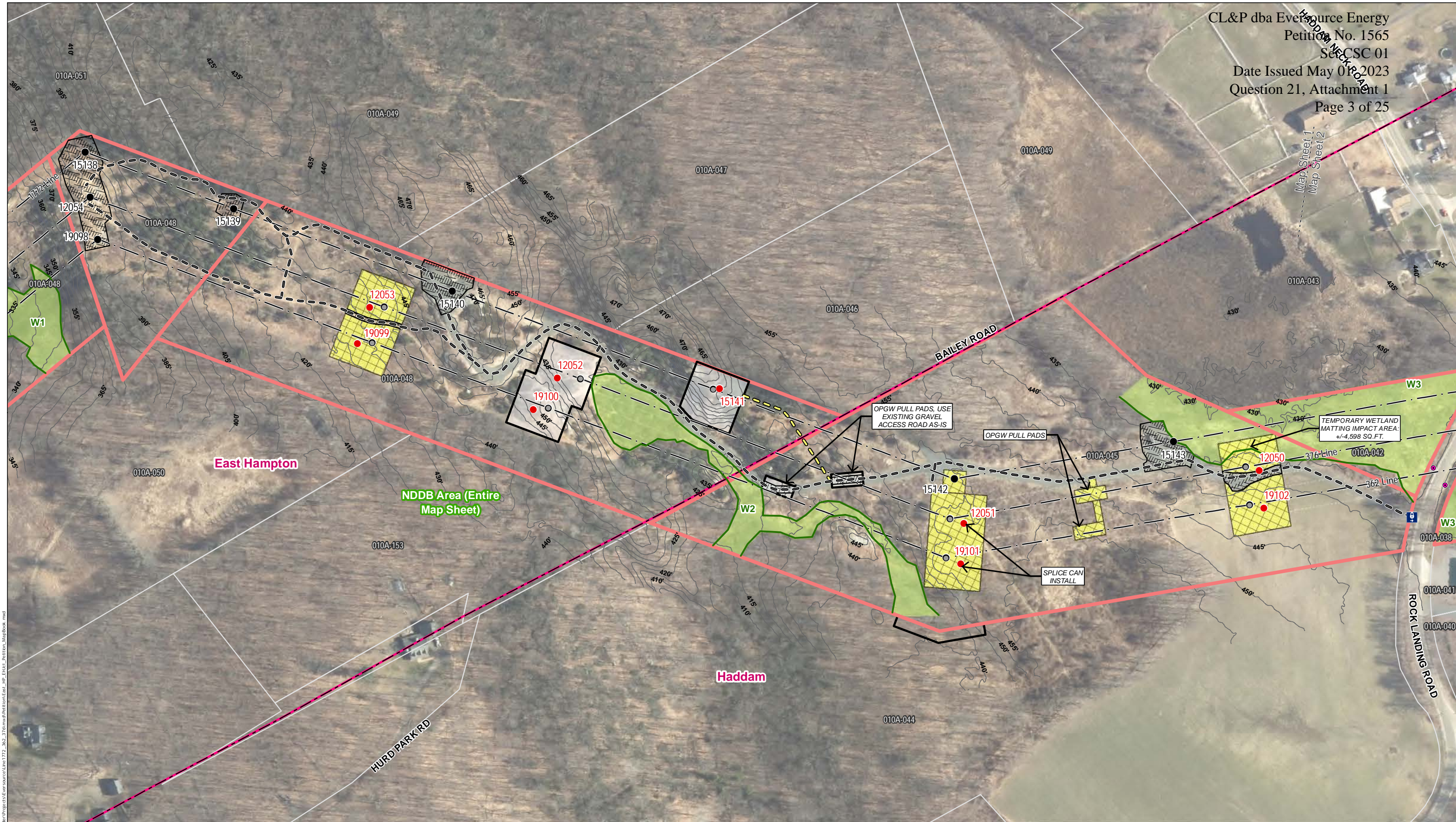
- Right-of-Way Vegetation
- Scrub-shrub
 - Agriculture

- Access
- Structures 15140/12053/19099 to 15143/1205/19102 – Rock Landing Road

- Road Crossings
- Rock Landing Road

- Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing
- 300-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-038	ROCKLANDING ROAD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-042	ROCK LANDING ROAD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY C/O TAX DEPT
010A-043	15 ROCKLANDING RD	HADDAM	CT	MICHAEL HAMLIN C/O ALLISON B HAMLIN
010A-045	ROCKLANDING ROAD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY C/O TAX DEPT
010A-046	HURD PARK RD	EAST HAMPTON	CT	JAN E. TRUSTEE YOUNGBLOOD
010A-047	HURD PARK RD	EAST HAMPTON	CT	JAN E. TRUSTEE YOUNGBLOOD
010A-048	HURD PARK ROAD	EAST HAMPTON	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-049	HADDAM NECK RD	EAST HAMPTON	CT	JAN E. TRUSTEE YOUNGBLOOD
010A-051	104 HURD PARK ROAD	EAST HAMPTON	CT	BRIAN JENDRZEJCZYK C/O NANCY J JENDRZEJCZYK



INDEX MAP

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area

- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:

This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet

0 50 100 200 Feet

NO.	DATE	REVISIONS

EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

East Hampton and Haddam, CT

Map Sheet 01 of 12

Date: May, 2023

MAP SHEET 2 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam, Connecticut

AREA DESCRIPTION

- Existing Land Use & Resource Areas
- Eversource-Owned Property
 - Residential
 - Agriculture
 - Undeveloped, Forest
 - NDDB Area
 - Haddam Neck Fairgrounds

RIGHT-OF-WAY DESCRIPTION

- Right-of-Way Land Use & Resource Areas
- Eversource-Owned Property
 - Maintained ROW
 - Agriculture
 - NDDB Area
 - Haddam Neck Fairgrounds

- Water Resources
- Wetlands – W3 & W4
 - Wetland Cover Types – PSS
 - Watercourses – S1, S2 & S3

- Wetland and Watercourse Crossings
- W3 – Matted Work Pad and Proposed Structure 12049
 - W4 – Matted Work Pad and Proposed Structure 19106

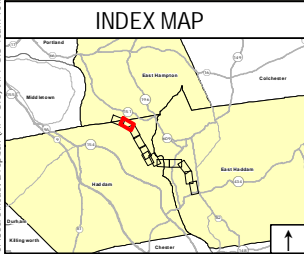
- Right-of-Way Vegetation
- Scrub-shrub
 - Agricultural

- Access
- Structures 15144/12049/19103 to 15150/12045/19106 – Rock Landing Road

- Road Crossings
- Rock Landing Road

- Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing
- 300-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-027	QUARRY HILL RD	HADDAM	CT	JEFFREY D BROOKS AND EILEEN K BROOKS
010A-028	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-029	N/A	HADDAM	CT	NO INFORMATION PER ASSESSOR
010A-030	QUARRY HILL RD	HADDAM	CT	LAWRENCE M FREY AND DEBORAH J FREY
010A-031	QUARRY HILL RD	HADDAM	CT	LAWRENCE M FREY AND DEBORAH J FREY
010A-032	QUARRY HILL RD	HADDAM	CT	JEFFREY D BROOKS AND EILEEN K BROOKS
010A-033	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-034	QUARRY HILL RD	HADDAM	CT	HADDAM NECK FAIR ASSOC
010A-035	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-036	26 QUARRY HILL RD	HADDAM	CT	HADDAM NECK FAIR ASSOC
010A-037	30 ROCKLANDING RD	HADDAM	CT	STEPHEN SHAKUN AND LAUREN SHAKUN
010A-038	ROCKLANDING RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-039	24 ROCK LANDING RD	HADDAM	CT	DORIS M FISHER ESTATE AND VANCE E FISHER FIDUCIARY
010A-040	QUARRY HILL RD	HADDAM	CT	HADDAM NECK FAIR ASSOC AND PAUL CARLSON TREAS
010A-041	50 ROCK LANDING RD	HADDAM	CT	TOWN OF HADDAM
010A-042	ROCK LANDING RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT
010A-043	15 ROCKLANDING RD	HADDAM	CT	MICHAEL HAMLIN AND ALLISON B HAMLIN
010A-044	ROCK LANDING RD	HADDAM	CT	TERANCE DANAHER AND LORETTA DANAHER CO TRUSTEES
010A-045	ROCKLANDING RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT
010A-049	HADDAM NECK RD	EAST HAMPTON	CT	JAN E. TRUSTEE YOUNGBLOOD



Legend		Map Notes:		Eversource Energy	
<div><div>●</div> Proposed Structure</div> <div><div>●</div> Existing Structure</div> <div><div>●</div> Existing Structure to be Removed</div> <div><div>—</div> Overhead Eversource Line</div> <div><div>—</div> Existing Right-of-Way (ROW)</div> <div><div>—</div> 5' Contour Line</div> <div><div>🚪</div> Gate</div> <div><div>●</div> Culvert</div>	<div><div>—</div> Existing Access</div> <div><div>—</div> Proposed Access</div> <div><div>🏠</div> Existing Gravel</div> <div><div>🏠</div> Stone Work Pad</div> <div><div>🏠</div> Bridge Road/Crushed Stone</div> <div><div>🏠</div> Temporary Construction Matting</div> <div><div>🌿</div> Field Delineated Wetland</div> <div><div>💧</div> Open Water</div> <div><div>🌊</div> Delineated Perennial Watercourse</div> <div><div>🌊</div> Delineated Intermittent Watercourse</div> <div><div>🌿</div> Delineated Wetland Boundary Outline</div> <div><div>💧</div> Confirmed Vernal Pool Extent</div> <div><div>🌊</div> 100' Vernal Pool Envelope</div> <div><div>🌿</div> Natural Diversity Database Area (Dec 2022)</div> <div><div>🏠</div> NE Cottontail Focus Area</div>	<div><div>🏠</div> Critical Habitat (2009)</div> <div><div>🏠</div> FEMA 100-Year Flood Zone</div> <div><div>🌊</div> FEMA Floodway</div> <div><div>🏠</div> Eversource Owned Property</div> <div><div>🏠</div> Parcel Boundary</div> <div><div>🌊</div> Municipal Boundary</div> <div><div>---</div> Map Sheet Matchline</div> <div><div>📍</div> This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.</div> <div><div>🌿</div> Wetlands resources delineated by TRC 2022 with APTIDE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.</div> <div><div>📍</div> Aerial Base Map Source: CTeco 2019 1 inch = 200 feet</div> <div><div>📍</div> 0 50 100 200 Feet</div>	<div><div>📍</div> East of Hurd State Park to East Haddam Junction Rebuild Project</div> <div><div>📍</div> Haddam, CT</div> <div><div>📍</div> Map Sheet 02 of 12</div> <div><div>📍</div> Date: May, 2023</div>	<div><div>📍</div> ALL-POINTS TECHNOLOGY CORPORATION</div>	
NO.	DATE	REVISIONS			

MAP SHEET 3 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Eversource-Owned Property
- Residential
- Agriculture
- Undeveloped, Forest
- NDDB Area
- CT New England Cottontail (NEC) Key Habitat

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Eversource-Owned Property
- Maintained ROW
- NDDB Area
- CT New England Cottontail (NEC) Key Habitat

Water Resources

- Wetlands – W4
- Wetland Cover Types – PSS
- Watercourses – S1, S2 & S3

Wetland and Watercourse Crossings

- W4 – Work Pads and Proposed Structures 19106, 19107, 12044, 19108, 12043, 19109 and Matted Access Roads
- S1 – Existing Stone Ford Crossing – Matted for Protection
- S2 – Existing Stone Ford Crossing – Matted for Protection
- S3 – Existing Stone Ford Crossing & Matted Work Pad for Structures 12045 and 19107

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 15149/12046/19106 to 15153/12043/19109 – Rock Landing Road (Map Sheet 2)

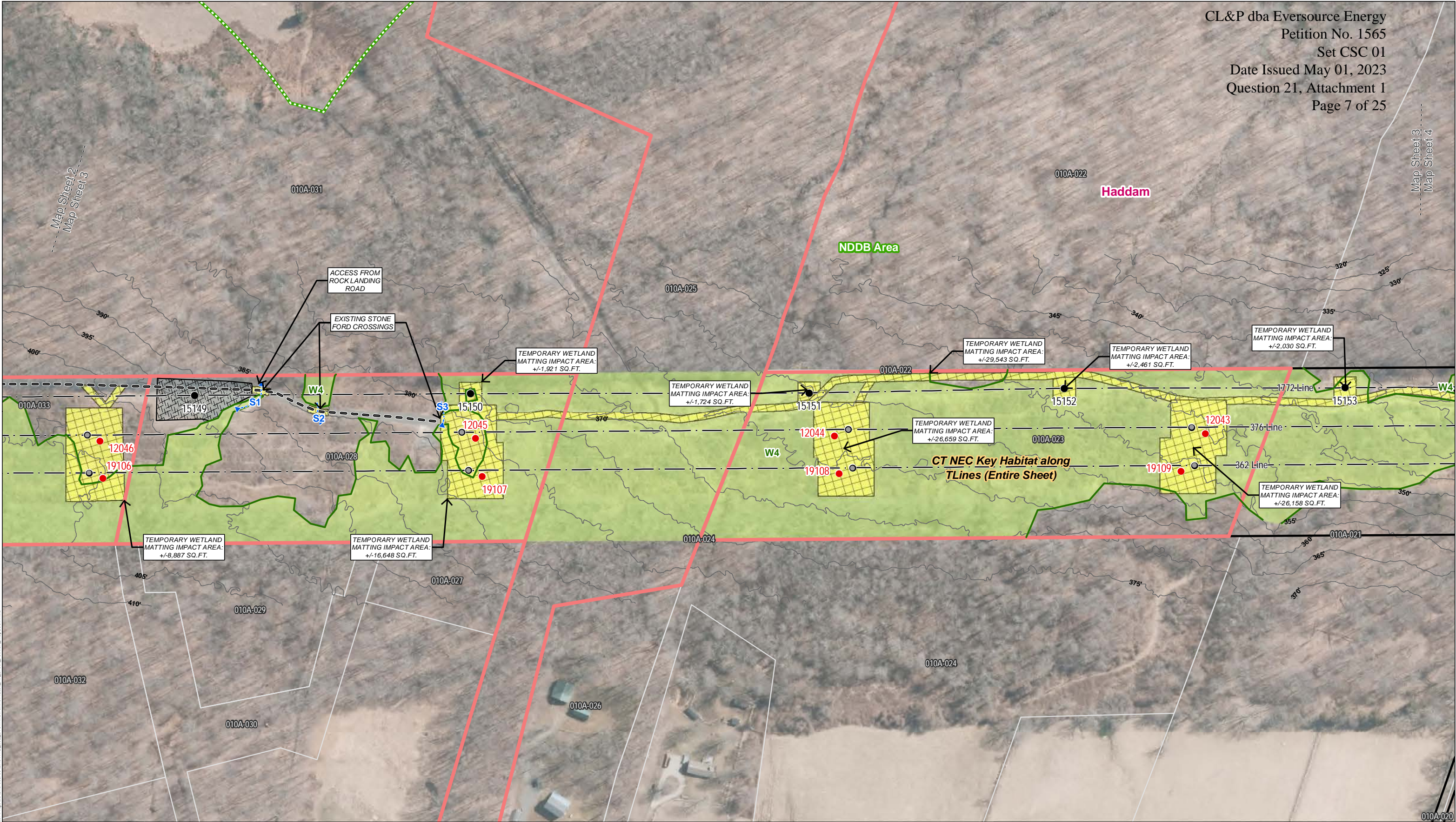
Road Crossings

- None

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 375-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-020	QUARRY HILL RD	HADDAM	CT	CAROL STABA
010A-021	182 QUARRY HILL RD	HADDAM	CT	DENA DREWS
010A-022	QUARRY HILL RD	HADDAM	CT	THE MIDDLESEX LAND TRUST INC
010A-023	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT
010A-024	QUARRY HILL RD	HADDAM	CT	MIDDLESEX LAND TRUST INC
010A-025	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT
010A-026	108 QUARRY HILL RD	HADDAM	CT	MICHAEL P DADARIO
010A-027	QUARRY HILL RD	HADDAM	CT	JEFFREY D BROOKS AND EILEEN K BROOKS
010A-028	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-029	N/A	HADDAM	CT	NO INFORMATION PER ASSESSOR
010A-030	QUARRY HILL RD	HADDAM	CT	LAWRENCE M FREY AND DEBRORAH J FREY
010A-031	QUARRY HILL RD	HADDAM	CT	LAWRENCE M FREY AND DEBORAH J FREY
010A-032	QUARRY HILL RD	HADDAM	CT	JEFFREY D BROOKS AND EILEEN K BROOKS
010A-033	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY



INDEX MAP

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area

- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:

This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet

0 50 100 200 Feet

NO.	DATE	REVISIONS

EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

Haddam, CT

Map Sheet 03 of 12

Date: May, 2023

MAP SHEET 4 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Eversource-Owned Property
- Residential
- Undeveloped, Forest
- NDDB Area
- CT NEC Key Habitat Area
- CT New England Cottontail (NEC) Focus Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Eversource-Owned Property
- Maintained ROW
- NDDB Area
- CT NEC Key Habitat Area
- CT New England Cottontail (NEC) Focus Area

Water Resources

- Wetlands – W4, W5 & W6
- Wetland Cover Types – PSS, PEM
- Watercourses – S4, S5 & S6

Wetland and Watercourse Crossings

- W4 – Matted Work Pad and Proposed Structure 19111, Matted Work Pads for Structures 12042, 19110, 12041 and Matted Access Roads
- S4 & S5 – Matted Work Pad for Structures 19111 and 12041

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 15154/12042/19110 to 15157/12039/19113 –Rock Landing Road (Map Sheet 2)

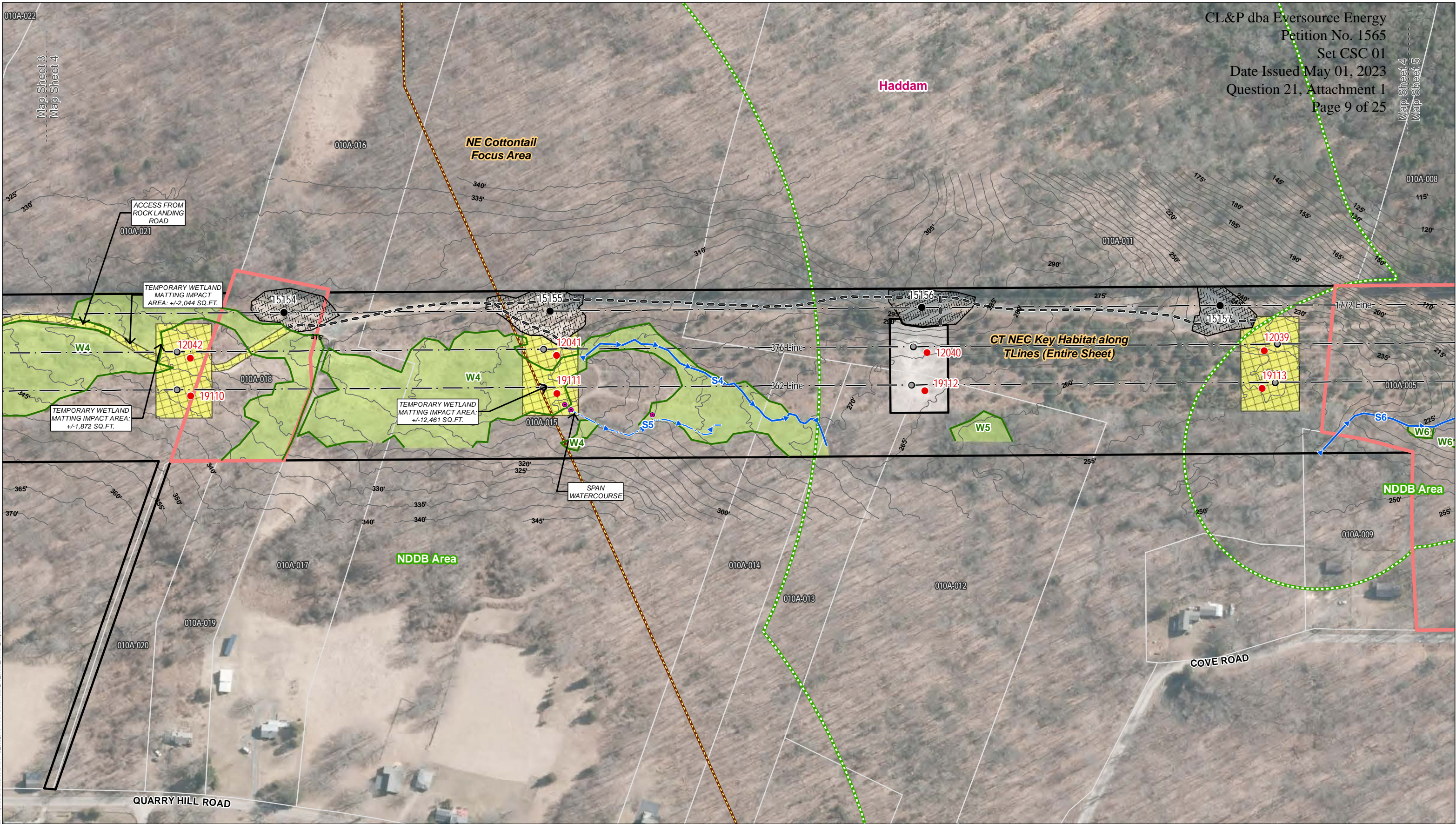
Road Crossings

- None

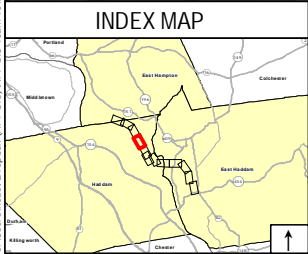
Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 375-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-005	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-008	SHERWOOD CAMP RD	HADDAM	CT	SHERWOOD CAMPS ASSOCIATION INC AND C/O LISA LEONARD TREAS
010A-009	48 COVE RD	HADDAM	CT	PETER M DAVIS AND SUE K DAVIS L/U
010A-011	COVE RD	HADDAM	CT	UNITED STATES OF AMERICA
010A-012	QUARRY HILL RD	HADDAM	CT	CHARLES C BRAINERD AND ELIZABETH B BRAINERD
010A-013	QUARRY HILL RD	HADDAM	CT	ROBERT W JOHNSON AND CAROLE H JOHNSON
010A-014	242 QUARRY HILL RD	HADDAM	CT	MARGARET R GREGG
010A-015	222 QUARRY HILL RD	HADDAM	CT	ROBERT W JOHNSON AND CAROLE H JOHNSON
010A-016	117 PINE BROOK RD	HADDAM	CT	THE UNITED STATES OF AMERICA
010A-017	206 QUARRY HILL RD	HADDAM	CT	BENJAMIN R TKACZYK
010A-018	QUARRY HILL RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-019	196 QUARRY HILL RD	HADDAM	CT	CHARLENE K BREEN
010A-020	QUARRY HILL RD	HADDAM	CT	CAROL STABA
010A-021	182 QUARRY HILL RD	HADDAM	CT	DENA DREWS
010A-022	QUARRY HILL RD	HADDAM	CT	THE MIDDLESEX LAND TRUST INC



CL&P dba Eversource Energy
Petition No. 1565
Set CSC 01
Date Issued May 01, 2023
Question 21, Attachment 1
Page 9 of 25



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert
- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area
- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:
This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet
0 50 100 200 Feet

NO.	DATE	REVISIONS

East of Hurd State Park to East Haddam Junction Rebuild Project

Haddam, CT

Map Sheet 04 of 12

Date: May, 2023

MAP SHEET 5 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam, Connecticut

AREA DESCRIPTION

- Existing Land Use & Resource Areas
- Eversource-Owned Property
 - Haddam Neck Switching Station
 - Residential
 - Undeveloped, Forest
 - NDDB Area
 - CT NEC Key Habitat Area
 - CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

- Right-of-Way Land Use & Resource Areas
- Eversource-Owned Property
 - Haddam Neck Switching Station
 - Maintained ROW
 - NDDB Area
 - CT NEC Key Habitat Area
 - CT NEC Focus Area

- Water Resources
- Wetlands – W6 & W7
 - Wetland Cover Types – PEM, & PSS
 - Watercourses – S6

- Wetland and Watercourse Crossings
- None

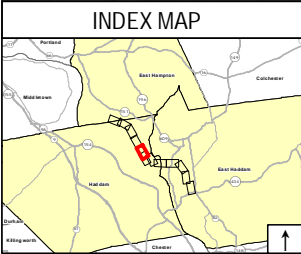
- Right-of-Way Vegetation
- Scrub-shrub

- Access
- Structures 15158/12038/19114 to 15162/12036/19116 – Cove Road & Sherwood Camp Road

- Road Crossings
- Cove Road & Sherwood Camp Road

- Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing
- 375-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-001	362 INJUN HOLLOW RD	HADDAM	CT	CONN YANKEE ATOMIC POWER CO AND COMPTR CARLA PIZZELLA
010A-002	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-003	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-004	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-005	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-006	92 COVE RD	HADDAM	CT	GARDNER YOUNG
010A-007	84 COVE RD	HADDAM	CT	BRADLEY E WHEELER AND ALANNA J WHEELER
010A-008	SHERWOOD CAMP RD	HADDAM	CT	SHERWOOD CAMPS ASSOCIATION INC AND C/O LISA LEONARD TREAS
010A-009	48 COVE RD	HADDAM	CT	PETER M DAVIS AND SUE K DAVIS L/U
010A-011	COVE RD	HADDAM	CT	UNITED STATES OF AMERICA
283-001	181 COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert
- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area
- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:
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Aerial Base Map Source: CTECO 2019
1 inch = 200 feet

0 50 100 200 Feet

NO.	DATE	REVISIONS

East of Hurd State Park to East Haddam Junction Rebuild Project

Haddam, CT

Map Sheet 05 of 12

Date: May, 2023

MAP SHEET 6 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam, Connecticut

AREA DESCRIPTION

- Existing Land Use & Resource Areas
- Eversource-Owned Property
 - Haddam Neck Switching Station
 - Undeveloped, Forest
 - NDDB Area
 - CT NEC Key Habitat Area
 - CT NEC Focus Area

Line List Number	Parcel Address	City	State	Owner Name
010A-001	362 INJUN HOLLOW RD	HADDAM	CT	CONN YANKEE ATOMIC POWER CO AND COMPTR CARLA PIZZELLA
010A-002	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-003	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
010A-004	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
283-001	181 COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND TAX DEPT

RIGHT-OF-WAY DESCRIPTION

- Right-of-Way Land Use & Resource Areas
- Eversource-Owned Property
 - Haddam Neck Switching Station
 - Maintained ROW
 - NDDB Area
 - CT NEC Key Habitat Area
 - CT NEC Focus Area

- Water Resources
- Wetlands – W8 & W9
 - Wetland Cover Types – PEM
 - Watercourses – None

- Wetland and Watercourse Crossings
- None

- Right-of-Way Vegetation
- Scrub-shrub

- Access
- Structures 15163 to 15165, 5401, 5402, 3743 – Cove Road & Sherwood Camp Road

- Road Crossings
- Cove Road & Sherwood Camp Road

- Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing
- 600-Feet / 0-Feet



INDEX MAP

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area

- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:
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Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet
0 50 100 200 Feet

NO.	DATE	REVISIONS

EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

Haddam, CT

Map Sheet 06 of 12

Date: May, 2023

ALL-POINTS TECHNOLOGY CORPORATION

MAP SHEET 7 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Haddam and Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Agricultural
- Undeveloped, Forest
- Salmon River
- Silvio O. Conte National Fish and Wildlife Refuge
- FEMA Floodway
- FEMA 100-year Flood Zone
- Critical Habitat (Intertidal Marsh)
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Maintained ROW
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area
- Silvio O. Conte National Fish and Wildlife Refuge

Water Resources

- Wetlands – None
- Wetland Cover Types – N/A
- Watercourses – None

Wetland and Watercourse Crossings

- None

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 5403/3742 to 5406/3739 – Sherwood Camp Road

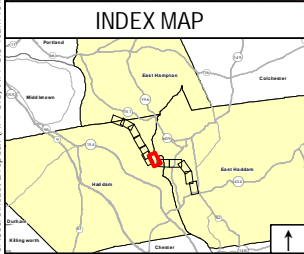
Road Crossings

- None

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 300-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
010A-001	362 INJUN HOLLOW RD	HADDAM	CT	CONN YANKEE ATOMIC POWER CO AND COMPTR CARLA PIZZELLA
010A-002	COVE RD	HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY
283-002	138 COVE RD	HADDAM	CT	UNITED STATES OF AMERICA



Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert
- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water
- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area
- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:
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Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet
0 50 100 200 Feet

NO.	DATE	REVISIONS

East of Hurd State Park to East Haddam Junction Rebuild Project

Haddam, CT

Map Sheet 07 of 12

Date: May, 2023

MAP SHEET 8 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
Haddam and East Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Undeveloped, Forest
- Salmon River
- Silvio O. Conte National Fish and Wildlife Refuge
- FEMA Floodway
- FEMA 100-year Flood Zone
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Maintained ROW
- Salmon River
- Silvio O. Conte National Fish and Wildlife Refuge
- FEMA Floodway
- FEMA 100-year Flood Zone
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area

Water Resources

- Wetlands – None
- Wetland Cover Types – N/A
- Watercourses – Salmon River

Wetland and Watercourse Crossings

- Salmon River

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 5405/1740 – Sherwood Camp Road (Map Sheet 7)
- Structures 5406/1739 – Sherwood Camp Road (Map Sheet 7)
- Structures 5407/3738 to 5408/373 – Haddam Moodus Road (Map Sheet 9)

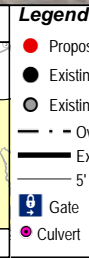
Road Crossings









- None

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing








- 300-Feet / 0-Feet








Line List Number	Parcel Address	City	State	Owner Name
010A-001	362 INJUN HOLLOW RD	HADDAM	CT	CONN YANKEE ATOMIC POWER CO AND COMPTR CARLA PIZZELLA
283-002	138 COVE RD	HADDAM	CT	UNITED STATES OF AMERICA
283-003	2 COVE RD	EAST HADDAM	CT	PATRICK LAFFAYE
283-004	6 COVE RD	EAST HADDAM	CT	JAQUELINE BILLER
283-005	19 SCOVILLE LANDING	EAST HADDAM	CT	JOHN G CRONIN JR AND DONNA C CRONIN
283-006	17 SCOVILLE LANDING	EAST HADDAM	CT	WILLIAM D BRELIG AND AMY B ROSS
283-007	15 SCOVILLE LANDING	EAST HADDAM	CT	KATHERINE M DEXTER AND RONALD L MYERS
283-012	223 EH MOODUS RD	EAST HADDAM	CT	CAROL HARRINGTON AND BLASCHIK J HARRINGTON JR



-  Proposed Structure
 Existing Structure
 Existing Structure to be Removed
 Overhead Eversource Line
 Existing Right-of-Way (ROW)
 5' Contour Line
 Gate
 Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

-  Delineated Perennial Watercourse
-  Delineated Intermittent Watercourse
-  Delineated Wetland Boundary Outline
-  Confirmed Vernal Pool Extent
-  100' Vernal Pool Envelope
-  Natural Diversity Database Area (Dec 2022)
-  NE Cottontail Focus Area

-  Critical Habitat (2009)
 FEMA 100-Year Flood Zone
 FEMA Floodway
 Eversource Owned Property
 Parcel Boundary
 Municipal Boundary
 Map Sheet Matchline

1
:
1


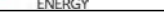
Map Notes:
This mapping project has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.

Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019

1 inch = 200 feet

0 50 100 200 Feet

				
			East of Hurd State Park to East Haddam Junction Rebuild Project	
			Haddam and East Haddam, CT	
			Map Sheet 08 of 12	
NO.	DATE	REVISIONS	Date: May, 2023	

MAP SHEET 9 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Haddam, Connecticut

AREA DESCRIPTION

- Existing Land Use & Resource Areas
- Eversource-Owned Property
 - Residential
 - Agricultural
 - Undeveloped, Forest
 - NDDB Area
 - CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

- Right-of-Way Land Use & Resource Areas
- Eversource-Owned Property
 - Maintained ROW
 - NDDB Area

- Water Resources
- Wetlands – W10, W10-1 (VP1), & W11
 - Wetland Cover Types – PEM & PSS
 - Watercourses – S7 & S8

- Wetland and Watercourse Crossings
- W11 – Matted OPGW Pull Pad
 - S8 – Matted Work Pad for Structure 3733

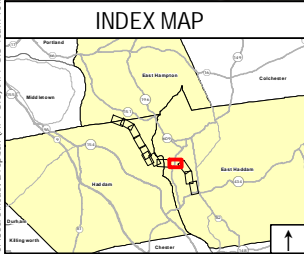
- Right-of-Way Vegetation
- Scrub-shrub

- Access
- Structures 5409/3736 – Haddam Moodus Road (CT Rt. 149)
 - Structures 5410/3735 to 5411/3734 – Creek Row (CT Rt. 149)

- Road Crossings
- Haddam Moodus Road (CT Rt. 149)
 - Creek Row

- Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing
- 300-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
283-004	6 COVE RD	EAST HADDAM	CT	JAQUELINE BILLER
283-005	19 SCOVILLE LANDING	EAST HADDAM	CT	JOHN G CRONIN JR AND DONNA C CRONIN
283-006	17 SCOVILLE LANDING	EAST HADDAM	CT	WILLIAM D BRELIG AND AMY B ROSS
283-007	15 SCOVILLE LANDING	EAST HADDAM	CT	KATHERINE M DEXTER AND RONALD L MYERS
283-008	11 SCOVILLE LANDING	EAST HADDAM	CT	SHARON C PATERNOSTRO
283-009	9 SCOVILLE LANDING	EAST HADDAM	CT	JAMES KEHLENBACH AND KRISTINA KEHLENBACH
283-010	7 SCOVILLE LANDING	EAST HADDAM	CT	HYUNG H KIM AND CHEUN TAE & HOO DO
283-011	5 SCOVILLE LANDING	EAST HADDAM	CT	EMIL TILLONA AND FRANCIS J TILLONA
283-012	223 EH MOODUS RD	EAST HADDAM	CT	CAROL HARRINGTON AND BLASCHIK J HARRINGTON JR
283-013	CREEK RD	EAST HADDAM	CT	JOHN D III KARLE
283-014	EH MOODUS RD	EAST HADDAM	CT	CONNECTICUT LIGHT AND POWER COMPANY AND PROPERTY TAX DEPT
283-015	CREEK ROW	EAST HADDAM	CT	JOAN E PACH
283-030	31 OLD ORCHARD RD	MOODUS	CT	FRANK J PACH AND VICTORIA L RILEY-PACH



Legend			Map Notes:			Eversource Energy		
<ul style="list-style-type: none"> Proposed Structure Existing Structure Existing Structure to be Removed Overhead Eversource Line Existing Right-of-Way (ROW) 5' Contour Line Gate Culvert 	<ul style="list-style-type: none"> Existing Access Proposed Access Existing Gravel Stone Work Pad Bridge Road/Crushed Stone Temporary Construction Matting Field Delineated Wetland Open Water 	<ul style="list-style-type: none"> Delineated Perennial Watercourse Delineated Intermittent Watercourse Delineated Wetland Boundary Outline Confirmed Vernal Pool Extent 100' Vernal Pool Envelope Natural Diversity Database Area (Dec 2022) NE Cottontail Focus Area 	<ul style="list-style-type: none"> Critical Habitat (2009) FEMA 100-Year Flood Zone FEMA Floodway Eversource Owned Property Parcel Boundary Municipal Boundary Map Sheet Matchline 	<p>This mapping product has been created to comply with submittal requirements to obtain certain regulatory approvals and, as such, there is no reliance on the information contained herein for any other purpose.</p> <p>Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.</p> <p>Aerial Base Map Source: CTECO 2019 1 inch = 200 feet</p> <p>0 50 100 200 Feet</p>	<p>Map Sheet 09 of 12</p> <p>Date: May, 2023</p>	<p>East of Hurd State Park to East Haddam Junction Rebuild Project</p> <p>East Haddam, CT</p>	<p>NO.</p> <p>DATE</p> <p>REVISIONS</p>	<p>ALL-POINTS TECHNOLOGY CORPORATION</p>

MAP SHEET 10 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Eversource-owned Property
- Residential
- Undeveloped, Forest
- NDDB Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Eversource-Owned Property
- Maintained ROW
- NDDB Area

Water Resources

- Wetlands – W11, W12, W13, W14 & W15 (VP2 & VP3)
- Wetland Cover Types – PEM & PSS
- Watercourses – S7, S8 & S9

Wetland and Watercourse Crossings

- S8 – Matted Work Pad for Structure 3733
- W11 – Matted Access Road
- W12 – Matted Access Road
- W14 –Matted Work Pad for Structures 3730 and 5416, Matted Access Road and Matted Pull Pad
- W15 – Matted Work Pad for Proposed Structure 5417and Matted Access Road

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 5413 & 3733 to 5416/3730 – Orchard Road
- Structures 5417/3729 – Orchard Road

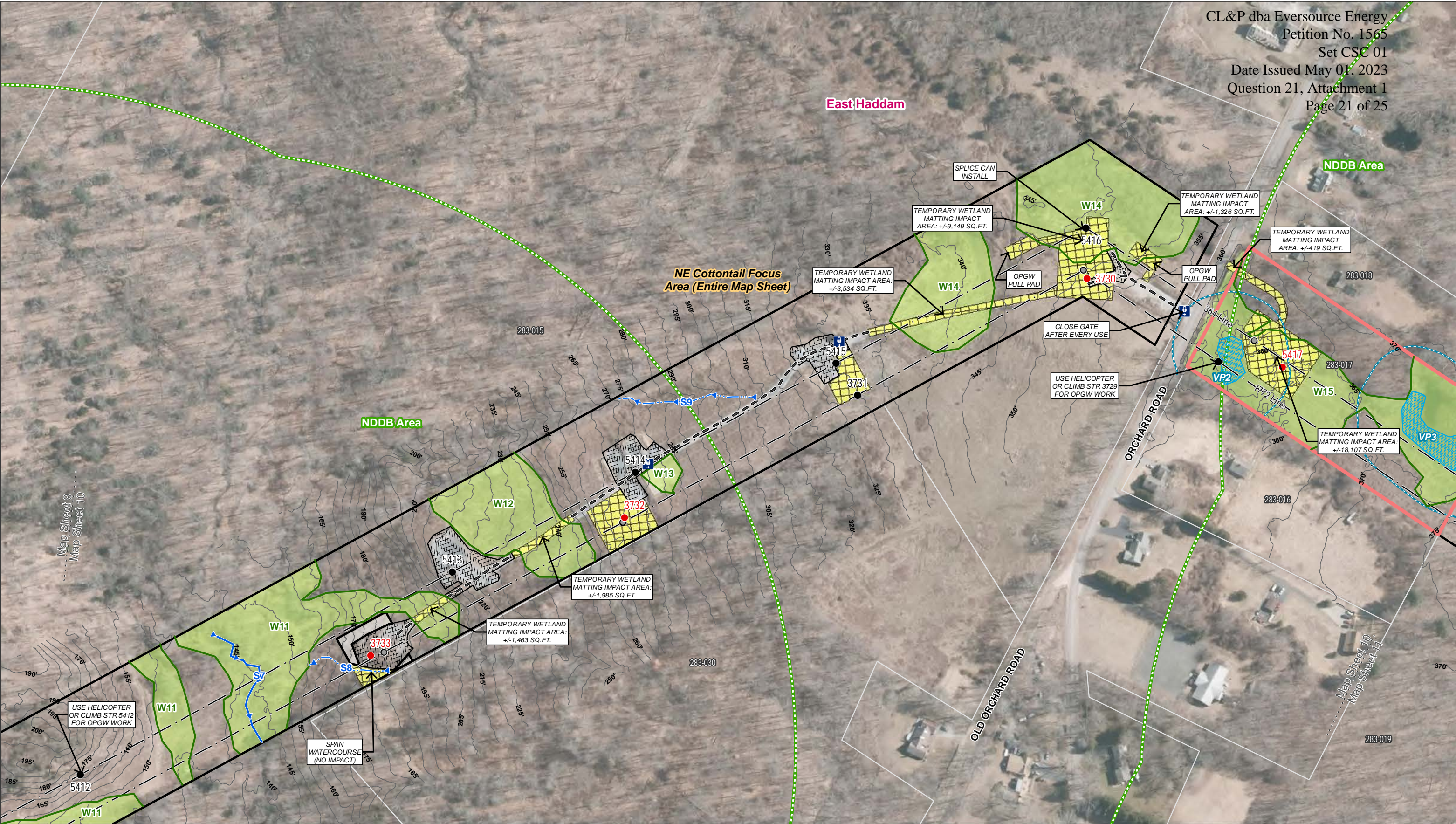
Road Crossings

- Orchard Road

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 300-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
283-015	CREEK ROW	EAST HADDAM	CT	JOAN E PACH
283-016	60 ORCHARD RD	EAST HADDAM	CT	KARIN BUNDY
283-017	56 ORCHARD RD	EAST HADDAM	CT	JOSEPH POLCARI III AND REBECCA R POLCARI
283-018	70 ORCHARD RD	EAST HADDAM	CT	CAROLYN L HART
283-019	3 MORGAN LN	EAST HADDAM	CT	MORGAN ESTATES LLC
283-030	31 OLD ORCHARD RD	MOODUS	CT	FRANK J PACH AND VICTORIA L RILEY-PACH



INDEX MAP

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
- Natural Diversity Database Area (Dec 2022)
- NE Cottontail Focus Area

- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:

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Wetlands resources delineated by TRC 2022 with APT/DE field verification 2023. Parcel and ROW boundaries are approximate. Existing Gravel as mapped is approximate base on aerial imagery.

Aerial Base Map Source: CTECO 2019
1 inch = 200 feet

0 50 100 200 Feet

NO.	DATE	REVISIONS

EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

East Haddam, CT

Map Sheet 10 of 12

Date: May, 2023

ALL-POINTS TECHNOLOGY CORPORATION

MAP SHEET 11 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Eversource-Owned Property
- Residential
- Undeveloped, Forest
- NDDB Area
- CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Eversource-Owned Property
- Maintained ROW
- Residential
- NDDB Area
- CT NEC Focus Area

Water Resources

- Wetlands – W15 (VP3) & W16
- Wetland Cover Types – PSS
- Watercourses – S10, S11, & S12

Wetland and Watercourse Crossings

- S11 – Existing Access Road (Culvert)

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 5418/3728 to 5421/3726 – Deer Run
- Structures 5422/3725 – Maple Avenue

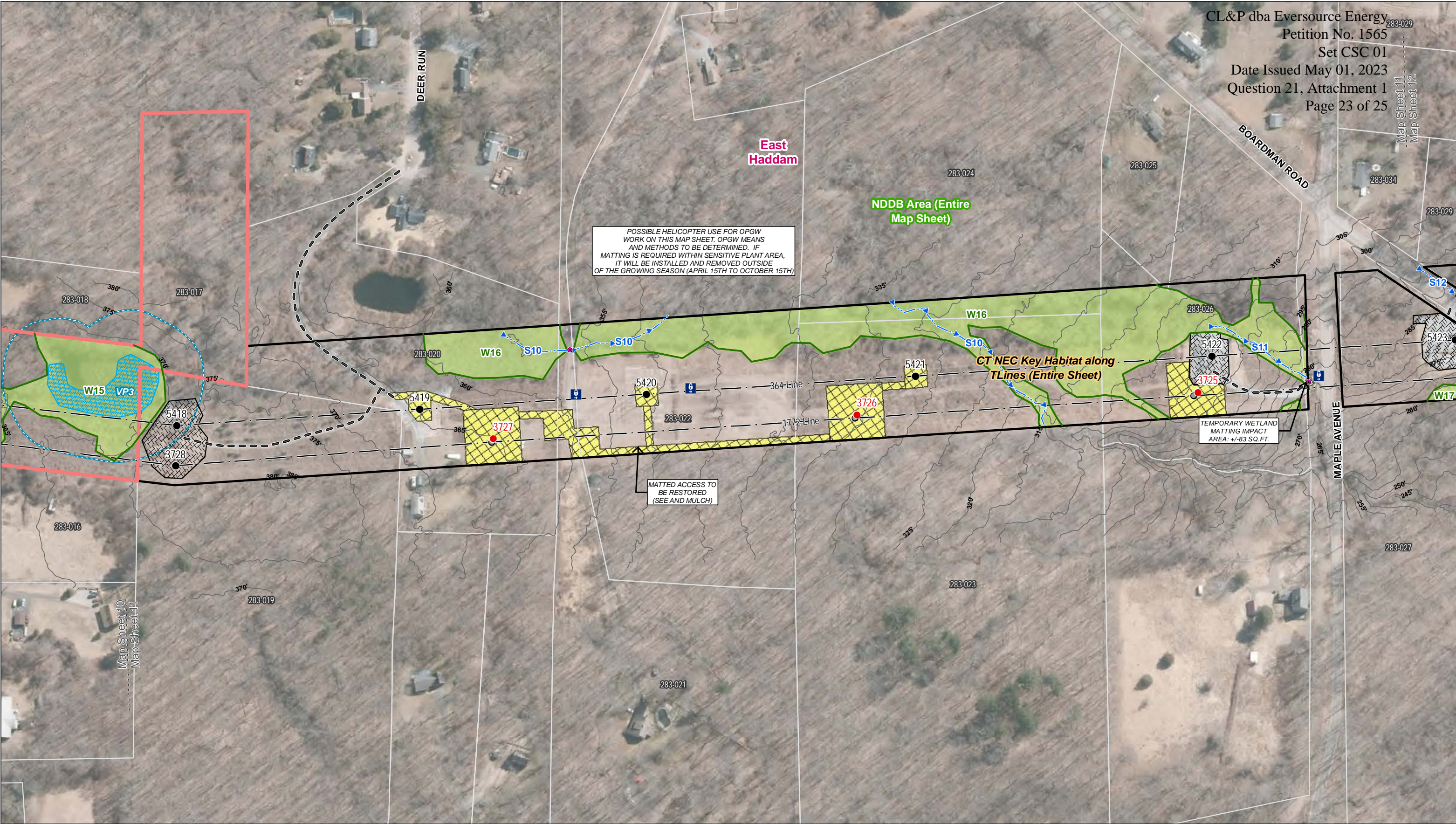
Road Crossings

- Maple Avenue
- Boardman Road

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 275-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
283-016	60 ORCHARD RD	EAST HADDAM	CT	KARIN BUNDY
283-017	56 ORCHARD RD	EAST HADDAM	CT	JOSEPH POLCARI III AND REBECCA R POLCARI
283-018	70 ORCHARD RD	EAST HADDAM	CT	CAROLYN L HART
283-019	3 MORGAN LN	EAST HADDAM	CT	MORGAN ESTATES LLC
283-020	1A DEER RUN	EAST HADDAM	CT	KATHLEEN SANTO CHRISTO
283-021	119A BOARDMAN RD	EAST HADDAM	CT	MICHAEL HVIZDO
283-022	BOARDMAN RD	EAST HADDAM	CT	ROBERT R SMITH
283-023	100 CREEK ROW	EAST HADDAM	CT	GORDON U COBLEIGH TRUSTEE
283-024	BOARDMAN RD	EAST HADDAM	CT	FORREST L ANDERSON AND PAULA JANE ANDERSON
283-025	95 BOARDMAN RD	EAST HADDAM	CT	FORREST LEE ANDERSON AND PAULA JANE ANDERSON
283-026	MAPLE AVE	EAST HADDAM	CT	FORREST L ANDERSON AND PAULA JANE ANDERSON
283-027	MAPLE AVE	EAST HADDAM	CT	JOHN AHEARN
283-029	90 MAPLE AVE	EAST HADDAM	CT	BALLEK REALTY ASSOCIATES
283-034	76 MAPLE AVE	EAST HADDAM	CT	BALLEK REALTY ASSOCIATES



INDEX MAP

Legend

- Proposed Structure
- Existing Structure
- Existing Structure to be Removed
- Overhead Eversource Line
- Existing Right-of-Way (ROW)
- 5' Contour Line
- Gate
- Culvert

- Existing Access
- Proposed Access
- Existing Gravel
- Stone Work Pad
- Bridge Road/Crushed Stone
- Temporary Construction Matting
- Field Delineated Wetland
- Open Water

- Delineated Perennial Watercourse
- Delineated Intermittent Watercourse
- Delineated Wetland Boundary Outline
- Confirmed Vernal Pool Extent
- 100' Vernal Pool Envelope
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- NE Cottontail Focus Area

- Critical Habitat (2009)
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eversource Owned Property
- Parcel Boundary
- Municipal Boundary
- Map Sheet Matchline

Map Notes:

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EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

East Haddam, CT

Map Sheet 11 of 12

Date: May, 2023

MAP SHEET 12 OF 12
East of Hurd State Park to East Haddam Junction Rebuild Project
East Haddam, Connecticut

AREA DESCRIPTION

Existing Land Use & Resource Areas

- Residential
- Agriculture
- Undeveloped, Forest
- Succor Brook
- FEMA 100-Year Flood Zone
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area

RIGHT-OF-WAY DESCRIPTION

Right-of-Way Land Use & Resource Areas

- Maintained ROW
- Succor Brook
- FEMA 100-Year Flood Zone
- NDDB Area
- CT NEC Key Habitat Area
- CT NEC Focus Area

Water Resources

- Wetlands – W17, W18, W19 & W20
- Wetland Cover Types – PEM & PSS
- Watercourses – S12, S13, & S14

Wetland and Watercourse Crossings

- W17 – Matted Work Pad for Structure 3724
- W19 – Matted Access Road
- W19 & S13 – Matted Access Road
- W20 & S13 – Proposed Succor Brook Bridge

Right-of-Way Vegetation

- Scrub-shrub

Access

- Structures 5423 & 3724 – Boardman Road
- Structures 5424/3723 to 5426, 3721 & 9805 – Boardman Road & Town Street (CT Rt. 151)

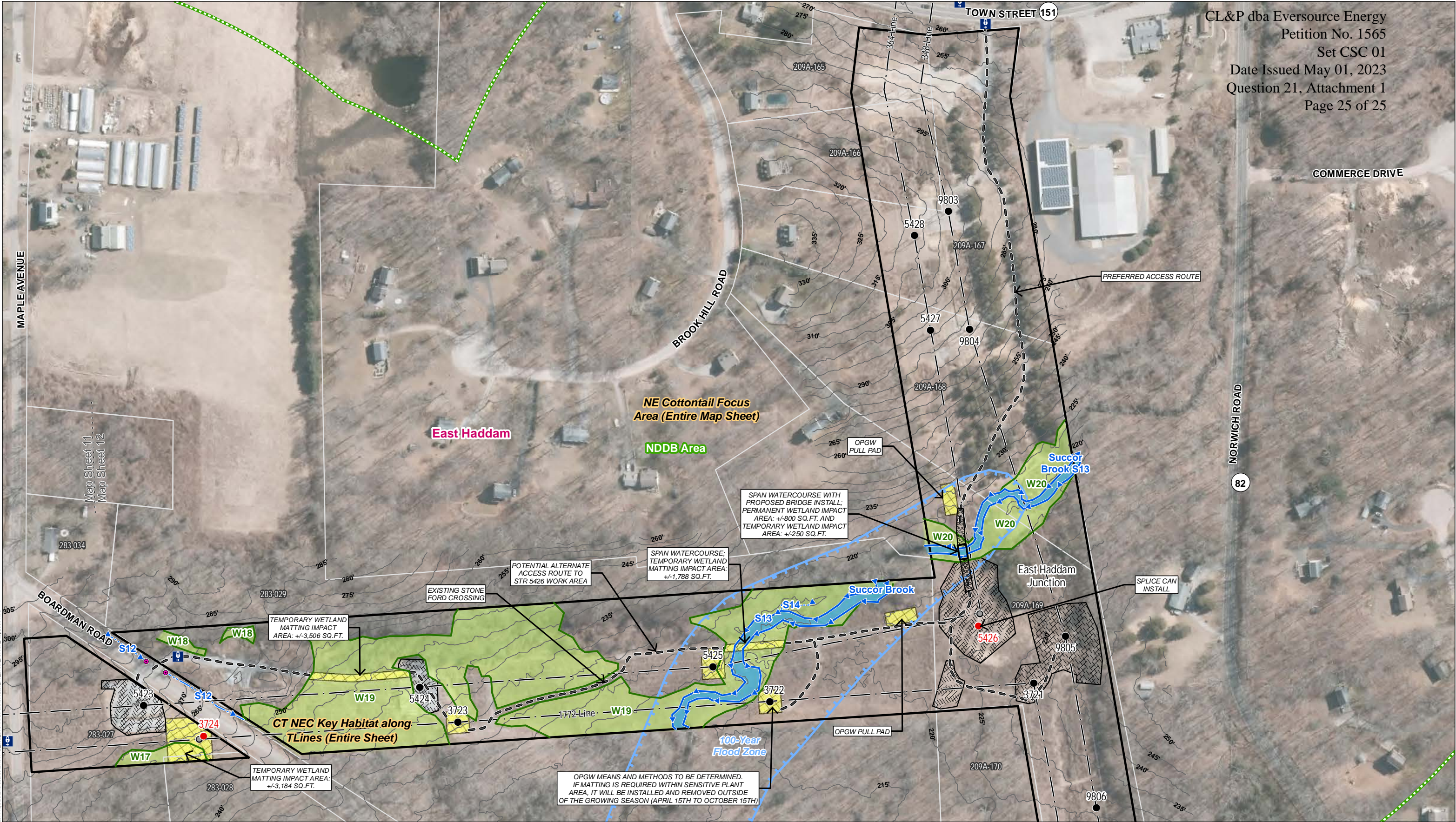
Road Crossings

- Boardman Road
- Town Street (CT Rt. 151)

Existing Maintained Right-of-Way Width / Proposed Right-of-Way Clearing

- 275-Feet / 0-Feet

Line List Number	Parcel Address	City	State	Owner Name
209A-165	1 BROOKE HILL RD	EAST HADDAM	CT	KERRY M DESMOND AND CATHERINE SHANLEY
209A-166	3 BROOKE HILL RD	EAST HADDAM	CT	NATHAN WADE SCOTT AND SARAH SCOTT
209A-167	5 BROOKE HILL RD	EAST HADDAM	CT	MICHAEL L ANSELMO
209A-168	7 BROOKE HILL RD	EAST HADDAM	CT	JOSEPH S CIARCI
209A-169	9 BROOKE HILL RD	EAST HADDAM	CT	JILLIAN A WALDEN AND PATRICK M ESPOSITO JR
209A-170	NORWICH RD	EAST HADDAM	CT	TIMOTHY J BURGESS
283-027	MAPLE AVE	EAST HADDAM	CT	JOHN AHEARN
283-028	BOARDMAN RD	EAST HADDAM	CT	ANITA BALLEK
283-029	90 MAPLE AVE	EAST HADDAM	CT	BALLEK REALTY ASSOCIATES
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EVERSOURCE ENERGY

East of Hurd State Park to East Haddam Junction Rebuild Project

East Haddam, CT

Map Sheet 12 of 12

Date: May, 2023

ALL-POINTS TECHNOLOGY CORPORATION