



**MEMORANDUM**

Date: May 20, 2022

To: NH Fish & Game Department  
 NHFGreview@wildlife.nh.gov  
 NH Natural Heritage Bureau  
 Jessica.R.Bouchard@dncr.nh.gov

From: Ashley Friend, Licensing and Permitting - Eversource Energy

cc: Melissa Winters, New Hampshire Fish and Game  
 Kathleen Wadiak, New Hampshire Fish and Game  
 Michelle Ford, Eversource Energy  
 Conor Madison, GZA GeoEnvironmental, Inc.

Subject: New Hampshire Fish and Game and Natural Heritage Bureau Consultation Request for Eversource 391, 373, 385 Transmission Line Structure Replacement Project

NHB IDs:

NHB22-0318	NHB22-0322	NHB22-0327
NHB22-0320,	NHB22-0323	NHB22-0328
NHB22-0321	NHB22-0326	NHB22-1436

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The following information is being provided on behalf of Public Service Company of New Hampshire dba Eversource Energy Service Company (herein Eversource) in accordance with “Part Fis 1004.03(c) Information Required for Consultation,”:

*(1) A copy of the department of natural and cultural resources NHB DataCheck tool results letter, dated within one year of the date of the consultation request, and which includes the DataCheck tool results letter number;*

See Attachment A for a copy of relevant NHB DataCheck results (NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0326, NHB22-0327, NHB22-0328, and NHB22-1436)

*(2)–(4) The applicant's full name, applicant’s mailing address, and the applicant’s telephone number and email address to be used for the purpose of contact;*

Eversource Energy  
 c/o Ashley Friend  
 13 Legends Drive,  
 Hooksett, NH 03106  
 603-566-4405  
 Ashley.Friend@eversource.com

(5) – (6) *The person who will respond to requests for information on behalf of the applicant:*

Michelle Ford  
107 Selden St.  
Berlin, CT 06037  
860-665-3183  
Michelle.ford@eversource.com

(7) *Description of the proposed action:*

In the Towns of Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, Eversource is proposing the replacement of 67 existing wooden utility poles with weathered steel poles and replacement of optical guide wire (OPGW) to support utility line maintenance activities along the 391, 385, and 373 Transmission Lines. The 391, 385, and 373 Transmission Line ROW corridor in the Towns of Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford crosses privately owned rural/residential properties. Within the maintained corridor, vegetation includes upland scrub shrub habitats that are routinely mowed, as well as palustrine scrub shrub and emergent wetland habitats. A photo log of existing conditions has been attached as required (see Attachment C).

Where access and work pads are proposed within wetlands, Eversource will utilize timber matting to minimize and prevent rutting and compaction in wetlands. Once work is complete, timber mats will be removed and temporarily disturbed areas will be mulched with seedless straw to promote restoration.

The NHB Datacheck NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0324, NHB22-0326, NHB22-0327, and NHB22-0328 has identified the project is located within potential or known habitat for the following species:

- Blanding's turtle (*Emydoidea blandingii*) – State Endangered
- Jefferson/Blue-spotted salamander complex (*Ambystoma pop. 3*) - Special Concern
- Northern black racer (*Coluber constrictor constrictor*) – State Threatened
- Smooth green snake (*Opheodrys vernalis*) – Special Concern
- Ringed boghaunter (*Williamsonia lintneri*) – State Threatened
- Spotted turtle (*Clemmys guttata*) – State Threatened
- Wood turtle (*Glyptemys insculpta*) – Special Concern

Eversource proposes the following conservation measures to avoid, minimize and/or mitigate potential harm to threatened and endangered species and habitat determined to be critical:

- Blanding's turtle (*Emydoidea blandingii*) – State Endangered
  1. During Active Period (April 1 - October 15):
    - a. If work must occur during the active season, all contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for Blanding's turtles.

- b. Immediately prior to the placement of matting in wetlands within Blanding's turtle habitat, the areas shall be cleared by a qualified biologist or herpetologist.
  2. During Inactive Period (October 16 - March 31):
    - a. All contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for Blanding's turtles.
  3. Avoid permanent impacts or degradation of wetland habitats including any wet meadows and seasonal pools. If possible, limit or avoid equipment use within 50 ft of streams or brooks.
  4. All matting which will be placed in waterbodies deemed suitable for hibernating Blanding's turtles will be placed prior to the start of the inactive season so as to prevent accidental placement atop hibernating turtles. Prior to matting placement in these wetlands, the area shall be swept by a qualified biologist or herpetologist to ensure any turtles relocate away from the area to be matted. Avoid in-stream work to the greatest extent possible.
  5. Prior to the start of construction within known habitat, trained contractors will search the work area. If a Blanding's or other state-listed turtle is observed, the turtle shall be photographed and placed in a safe location outside the work area. The observing contractor will then contact the project Environmental Licensing & Permitting specialist from Eversource who will contact NH F&G as follows:
    - i. Brendan Clifford 603-944-0885; or
    - ii. Melissa Winters 603-479-1129.
    - iii. If NHF&G staff are unable to be reached, contact the Wildlife Administrator at 603-271-2461.
- Jefferson/Blue-spotted salamander complex (*Ambystoma pop. 3*) - Special Concern
  1. The Jefferson/Blue-Spotted salamander complex will not be impacted by this scope of work as the polygon is one mile from the nearest work area.
- Northern black racer (*Coluber constrictor constrictor*) – State Threatened
  1. Avoid work in known habitat (i.e. Natural Heritage Bureau polygons) during the active season (April 1 - October 31) if possible. Mid-October through March is a preferred time period to avoid mortality to individual snakes.
  2. If work must occur during the active season, all contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for northern black racers.
  3. Prior to the start of construction within known habitat, trained contractors will search the work area. If a northern black racer is discovered, the snake shall be photographed and either removed or allowed to migrate on its own outside the work area. The observing contractor will then contact the project Environmental Licensing & Permitting specialist from Eversource who will contact NH F&G as follows:
    - a. Brendan Clifford 603-944-0885; or
    - b. Melissa Winters 603-479-1129.
    - c. If NHF&G staff are unable to be reached, contact the Wildlife Administrator at 603-271-2461.

- Smooth green snake (*Ophedryx vernalis*) – Special Concern
  1. Avoid work in known habitat (i.e. Natural Heritage Bureau polygons) during the active season (April 1 - October 31) if possible. Mid-October through March is a preferred time period to avoid mortality to individual snakes.
  2. If work must occur during the active season, all contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for smooth green snake.
  3. Prior to the start of construction within known habitat, trained contractors will search the work area. If a smooth green snake is discovered, the snake shall be photographed and either removed or allowed to migrate on its own outside the work area. The observing contractor will then contact the project Environmental Licensing & Permitting specialist from Eversource who will contact NH F&G as follows:
    - a. Brendan Clifford 603-944-0885; or
    - b. Melissa Winters 603-479-1129.
    - c. If NHF&G staff are unable to be reached, contact the Wildlife Administrator at 603-271-2461.
  
- Ringed boghaunter (*Williamsonia lintneri*) – State Threatened
  1. Avoid impact to peatlands, fens, and habitats with extensive floating sphagnum mats, and do not add gravel. Use Temporary matting where necessary to avoid wetland impacts.
  2. Implement sedimentation and erosion control measures as necessary to reduce turbidity and maintain water quality.
  3. If feasible, conduct work in winter months when the ground is more likely to be frozen. Outside of area of impact- apply management efforts that would preserve, maintain, or restore wetland edges and banks susceptible to erosion, sedimentation, and destabilization.
  
- Spotted turtle (*Clemmys guttata*) – State Threatened
  1. During Active Period (April 1 - October 15):
    - a. If work must occur during the active season, all contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for spotted turtles.
    - b. Immediately prior to the placement of matting in wetlands within spotted turtle habitat, the areas shall be cleared by a qualified biologist or herpetologist.
  2. During Inactive Period (October 16 - March 31):
    - a. All contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for spotted turtles.
  3. Avoid permanent impacts or degradation of wetland habitats including any wet meadows and seasonal pools. If possible, limit or avoid equipment use within 50 ft of streams or brooks.
  4. All matting which will be placed in waterbodies deemed suitable for hibernating spotted turtles will be placed prior to the start of the inactive season so as to prevent accidental placement atop hibernating turtles. Prior to matting placement in these wetlands, the area

shall be swept by a qualified biologist or herpetologist to ensure any turtles relocate away from the area to be matted. Avoid in-stream work to the greatest extent possible.

5. Prior to the start of construction within known habitat, trained contractors will search the work area. If a spotted or other state-listed turtle is observed, the turtle shall be photographed and placed in a safe location outside the work area. The observing contractor will then contact the project Environmental Licensing & Permitting specialist from Eversource who will contact NH F&G as follows:
    - a. Brendan Clifford 603-944-0885; or
    - b. Melissa Winters 603-479-1129.
    - c. If NHF&G staff are unable to be reached, contact the Wildlife Administrator at 603-271-2461.
- Wood turtle (*Glyptemys insculpta*) – Special Concern
    1. During Active Period (April 1 - October 15):
      - If work must occur during the active season, all contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for wood turtles.
      - b. Immediately prior to the placement of matting in wetlands within wood turtle habitat, the areas shall be cleared by a qualified biologist or herpetologist.
    2. During Inactive Period (October 16 - March 31):
      - a. All contractors working within known habitat will be trained by a qualified biologist on the identification and response protocols for wood turtles.
    3. Avoid permanent impacts or degradation of wetland habitats including any wet meadows and seasonal pools. If possible, limit or avoid equipment use within 50 ft of streams or brooks.
    4. All matting which will be placed in waterbodies deemed suitable for hibernating wood turtles will be placed prior to the start of the inactive season so as to prevent accidental placement atop hibernating turtles. Prior to matting placement in these wetlands, the area shall be swept by a qualified biologist or herpetologist to ensure any turtles relocate away from the area actively being matted. Avoid in-stream work to the greatest extent possible.
    5. Prior to the start of construction within known habitat, trained contractors will search the work area. If a wood or other state-listed turtle is observed, the turtle shall be photographed and placed in a safe location outside the work area. The observing contractor will then contact the project Environmental Licensing & Permitting specialist from Eversource who will contact NH F&G as follows:
      - a. Brendan Clifford 603-944-0885; or
      - b. Melissa Winters 603-479-1129.
      - c. If NHF&G staff are unable to be reached, contact the Wildlife Administrator at 603-271-2461.

Photographs of the project area from February 10, 11, and 15, March 10 and 16, and April 6, 2022 are provided in Attachment D.

*(8) Description of the project parcel by reference to street address and town, and, if available, a geographical information system defined project boundary;*

Work is proposed within the existing 391, 385, and 373 Transmission Line corridor. The 391 Transmission Line is approximately 37 miles in length and extends from the Scobie Pond Substation in Londonderry, New Hampshire to the border of Rochester, New Hampshire and Lebanon, Maine. The 373 Transmission Line is approximately 18.5 miles in length and extends from the Scobie Pond Substation to the Deerfield Substation in Deerfield, New Hampshire. The 385 Transmission Line is approximately 18.5 miles in length and extends from the Deerfield Substation to the border of Rochester and Lebanon. Parcel and ROW boundaries are provided in Attachment B project mapping.

*(9) A listing of any state or federal permits which have been applied for, have been granted, or which will be necessary for the proposed action to proceed;*

The proposed project will require the following permits:

- NHDES Statutory Permit by Notification (Yet to be filed)
- NHDES Alteration of Terrain Permit (Yet to be filed),
- NHDOT Temporary Driveway Permit (Yet to be filed), and
- USACE self-verification approval (Yet to be filed).

*(10) The current condition of the action area prior to any proposed modifications, including a description of known or discernible actions within the preceding 24 months that have altered the site, including but not limited to, timber harvests, significant impact from storms, removal of gravel or stone, or addition or removal of structures;*

Prior structure replacement activities have occurred on the 391, 385, and 373 Transmission Line within the preceding 24 months. Prior work was approved through NHB and NH F&G as part of the Statutory Permit by Notification process through NHDES. In addition, individual properties may be subject to activities conducted by underlying property owners.

*(11) Any habitat features supporting or that could support threatened and endangered species that have been identified; and*

NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0324, NHB22-0326, NHB22-0327, and NHB22-0328 includes known records for the following species:

- Blanding's turtle (*Emydoidea blandingii*) – State Endangered
- Jefferson/Blue-spotted salamander complex (*Ambystoma pop. 3*) - Special Concern
- Northern black racer (*Coluber constrictor constrictor*) – State Threatened
- Smooth green snake (*Opheodrys vernalis*) – Special Concern
- Ringed boghaunter (*Williamsonia lintneri*) – State Threatened
- Spotted turtle (*Clemmys guttata*) – State Threatened
- Wood turtle (*Glyptemys insculpta*) – Special Concern

Northern black racer (*Coluber constrictor*):

This species is known to utilize large tracts of land consisting of mixed forest and a variety of early successional habitats including old fields, meadows, and forest/swamp/marsh edges. Northern black racers typically occur in terrestrial sites but may utilize moist areas including marshes and swamps, New Hampshire populations reported to maintain greater territory sizes than southern populations with a mean home range of >100 acres. During late fall through winter, northern black racers hibernate in a variety of places including mammal burrows, rock crevices/caves, stone walls, cisterns/wells, and rotting logs.

Based upon the proximity of documented occurrences and the presence of suitable early successional habitat within the project area, it is anticipated that northern black racers may be present in proposed work areas and access to Structure 391-163.

Blanding's turtle (*Emydoidea blandingii*), Spotted turtle (*Clemmys guttata*), Wood turtle (*Glyptemys insculpta*):

This species utilizes a variety of wetlands throughout the year including vernal pools, marshes, woodland streams, and scrub-shrub and forested wetlands with standing water. Spotted turtles are known to make routine, seasonal movements to vernal pools for foraging and other activities in the spring and to habitats such as uplands with exposed, sandy soils for nesting. Given the 391, 373, 385 ROW corridor and surrounding landscape provides suitable habitat for spotted turtles (i.e. emergent habitats bordering streams in Wetlands CHW-22, RAW-39, DW-37, DW-22, DW-19, DW-18, SW-70, SW-20, SW-19, SW-18, SW-17, and SW-16 and potential nesting habitat in uplands in the ROW). The proposed access roads near Structure 391-302, 373-256, and 391-164, and work areas at Structures 391-177, 391-163, 391-116, 385-80, and 385-77 contain, or are adjacent, to several wetland environments surrounded by scrub-shrub uplands.

Smooth green snake (*Opheodrys vernalis*):

This species is typically found in open habitats, typically with dense herbaceous vegetation, including grassy fields, wet meadows, marsh edges, abandoned agricultural land, shrublands, utility rights-of-way, and lightly wooded areas.

Based upon the proximity of documented occurrences and the presence of suitable early successional habitat within the project area, it is anticipated that smooth green snakes may be present in proposed work areas near Structure 391-326 and 391-163.

Ringed boghaunter (*Williamsonia lintneri*):

This species is typically found in wetland habitats containing extensive floating or suspended Sphagnum. Vegetation can be highly variable including shrubby basins, dwarf shrub fens, graminoid-dominated fens and Sphagnum-filled pools or basins.

Based upon the proximity of documented occurrences being over a mile away from the project area the habitat will not be impacted by this scope of work.

*(12) A description of any conservation measures proposed by the applicant to avoid, minimize, or mitigate potential harm to threatened and endangered species and habitat determined to be critical, including but not limited to:*

As stated in Item 7) Description of Proposed Action above, a number of protection measures will be established to avoid impacts to State-listed species.

In addition, the project has done the following to avoid and minimize impacts:

- a. Prior to daily construction activities and matting placement, timber matting and proposed matting locations and construction locations will be reviewed for snakes and turtles. Eversource and/or their environmental subcontractor will provide an environmental addendum to the daily tailboards by the contractors to include guidance on protocols for snakes and provide identification for spotted turtle and northern black racer snake. Contractors will be trained by Eversource and/or their environmental subcontractor on identification of rare, threatened and endangered snakes and turtles known to occur within the vicinity of the proposed work areas.
- b. Observed snakes and turtles will be moved off of construction access roads to limit and prevent mortality to snakes and turtles during construction.
- c. Stockpile available topsoil on-site and replace atop each work pad post-construction. The areas will also be mulched with weed-free straw.
- d. Reduce each workpad size post-construction in uplands (usually 30-feet x 60-feet). These pads are needed for long-term maintenance of transmission poles.
- e. Only biodegradable erosion control barriers (“ECB”) will be utilized. No nylon, welded plastic or photodegradable erosion control barriers shall be permitted to avoid potential wildlife entanglements

At the conclusion of the project, a summary report of any rare species observations will be provided to the NHFG Nongame Program.

- a. Impacts to vernal pools and potential vernal pools will be avoided.
- b. If spotted, wood, or Blanding’s turtle nesting areas are found in a work area, please contact Melissa Doperalski (603-479-1129 cell) or Josh Megyesy (978-578-0802 cell) for further instructions.
- c. All observations of northern black racer snakes encountered will be reported to the NHFG Department (Melissa Doperalski 603-479-1129 (cell) or Brendan Clifford 603-944-0885(cell)). The team understands observations from the end of September through the month of April are of particular interest as observations during this time period indicate potential hibernaculum, and NHFG requests immediate notifications during the potential hibernaculum period. We will attempt to photograph this species if possible.

Given the BMPs listed above and the training & inspection procedures listed in Item 7, the measures are anticipated to be sufficient to protect listed species during construction and avoid need mitigation.



### **Rare Plant/Exemplary Community Consultation**

The following information is being provided on behalf of Eversource Energy Service Company (herein Eversource) in accordance with “NCR 308.02 Environmental Reviews” and as requested in NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0326, NHB22-0327, NHB22-0328, and NHB22-1436.

NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0326, NHB22-0327, NHB22-0328, and NHB22-1436 includes known records of the following species:

- Appressed bog-clubmoss (*Lycopodiella appressa*) – State Endangered
- Dragon’s-mouth (*Arethusa bulbosa*) – State Endangered
- Dwarf huckleberry (*Gaylussacia bigeloviana*) – State Threatened
- Foxtail bog-clubmoss (*Lycopodiella alopecuroides*) – State Endangered
- Hairy thoroughwort (*Eupatorium pubescens*) – State Endangered
- Large whorled pogonia (*Isotria verticillata*) – State Endangered
- Licorice goldenrod (*Solidago odora*) – State Endangered

Given the 391, 385, and 373 ROW corridor and surrounding landscape includes scrub-shrub and forested wetlands as well as streams, woodland edges, dry forests, and disturbed openings, proposed work areas contain supporting habitat for these species.

Eversource proposes the following Protection Measures for rare plant communities:

- a. Prior to the start of work, GZA will survey and flag plant locations that are located within the proposed work areas.
- b. If work must occur within the growing season (April 15 – October 31), fence areas around the plant to exclude equipment or access. If the area cannot be excluded from the work zone, utilize matting so vegetation remains undisturbed.
- c. Avoid re-seeding in areas where listed species is present and allow native seed bank to regenerate nearby. If seed must be applied, use a native seed mix.
- d. Clean vehicle tires before entering work areas to prevent the introduction and spread of invasive species.
- e. Any sightings of state listed species should be report to the New Hampshire Natural Heritage Bureau.

*(1) Please indicate the estimated time of year that the project will occur in, provide an aerial overview plan showing the location of existing and proposed access, work pad locations, existing and proposed structures. Show all areas of proposed ground disturbance:*

See Attachment B, C and E for an overview of the Site including the locations of existing and proposed access, work pad locations, existing and proposed structures. This project as outlined above is proposed to commence in late July and has an anticipated ending date of January.

### **Signatures and Certifications**

*(1) The information contained in or otherwise submitted with the document is true, complete, and not misleading to the best of the signer's knowledge and belief; and*

*(2) The signer understands that the submission of false, incomplete, or misleading information shall constitute grounds, pursuant to Fis 1004.13, for the department to:*

- a. Suspend consultation pending submission of true, complete, and not misleading information;*
- b. Terminate consultation;*
- c. Withdraw any recommendations made to the referring state agency under this part; or*
- d. Report the suspension, termination, or withdrawal of recommendations, and the full circumstances of the submission, to the referring state agency for action in the pending or completed request for a permit or other action.*

Applicant: \_\_\_\_\_ Date: \_\_\_\_\_  
Ashley Friend, Eversource

Attachments:

- Attachment A: NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0326, NHB22-0327, NHB22-0328, NHB22-1436
- Attachment B: USGS Location Map
- Attachment C: Photographs
- Attachment D: Project Plans

Attachment A: NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322, NHB22-0323, NHB22-0326, NHB22-0327,  
NHB22-0328, NHB22-1436

# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

Please note: portions of this document are confidential.

Maps and NHB record pages are confidential and should be redacted from public documents.

**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/8/2022 (valid until 02/08/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0318

**Town:** Derry

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace existing transmission structures within the existing 391 & 373 right-of-way in Derry.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** **NHB: Please send NHB information about the work locations (work pads, access routes), and the job timing. Indicate if wetland impacts will occur, and show wetland matting on an aerial overlaid with the project area.**  
**F&G: Please flag and avoid all vernal pools prior to work. Please send job timing and BMPs for the listed species so we can check contact notes. As of February 3, 2022, New Hampshire Fish and Game requirements for environmental review consultation have changed.**

To review the new rules, please go to <https://www.wildlife.state.nh.us/legislative/proposed-rules.html>. All requests for consultation and submittals should be sent via email to [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov) or can be sent by mail. The NHB datacheck results letter number needs to be included in the email subject line.

The requirements for consultation (Fis 1004) shall not apply to the following: statutory permit by notification, permit by rule, permit by notification, routine roadway registration, docking structure registration, or conditional authorization by rule. Consultation requests for these projects can be sent directly to [kim.tuttle@wildlife.nh.gov](mailto:kim.tuttle@wildlife.nh.gov).

### Plant species

dwarf huckleberry (*Gaylussacia bigeloviana*)\*

State<sup>1</sup>

Federal

Notes

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The primary threats are changes to this species' peatland habitat, including changes to local hydrology, increased nutrient input from stormwater runoff, and sedimentation

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# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0320      **Town:** Auburn      **Location:** Eversource Right-of-way  
**Description:** Eversource is proposing to replace 2 existing transmission structures within the existing 373 & 391 right-of-way in Auburn.

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** **NHB: Please indicate the estimated time of year that the project will occur in, provide an aerial overview plan showing the location of existing and proposed access, work pad locations, existing and proposed structures. Essentially show all areas of proposed ground disturbance.**

**F&G: No Comments At This Time**

Plant species	State <sup>1</sup>	Federal	Notes
hairy thoroughwort ( <i>Eupatorium pubescens</i> )	E	--	A buffer of native woods would help minimize disturbance to these rare wildflowers.
large whorled pogonia ( <i>Isotria verticillata</i> )	E	--	Primary threat is habitat destruction for residential or commercial development or forestry.

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

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A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

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**Memo**

NH Natural Heritage Bureau  
NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0321

**Town:** Chester

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 right-of-way in Chester.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** **NHB: Are wetland impacts for timber matting proposed in the vicinity of *Arethusa bulbosa*? If so, please indicate the estimated time of year that the project will occur in, and provide an aerial overview plan showing the location of all wetland areas proposed to be disturbed. F&G: Please flag and avoid all vernal pools prior to work. Please send over proposed work timing and BMPs for the listed species so we can see that they are up to date.**

**Plant species**

dragon's-mouth (*Arethusa bulbosa*)

**State<sup>1</sup>**

**Federal**

**Notes**

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Alteration of the hydrologic regime is likely the worst threat to this species. Also damaging are over-collection of flowers, succession and overshadowing by woody species, invasion of wetlands by exotic plant species, and human trampling of loose moss.

**Vertebrate species**

Blanding's Turtle (*Emydoidea blandingii*)

Northern Black Racer (*Coluber constrictor constrictor*)

**State<sup>1</sup>**

**Federal**

**Notes**

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Contact the NH Fish & Game Dept (see below).

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Contact the NH Fish & Game Dept (see below).

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## NH Natural Heritage Bureau NHB DataCheck Results Letter

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<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

*Contact for all animal reviews: Kim Tuttle, NHF&G, (603) 271-6544.*

---

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# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0322

**Town:** Raymond

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 & 391 right-of-way in Raymond.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** NHB: No Comments At This Time

**F&G: Please avoid Ringed Boghaunter spagnum-swamp habitat and vernal pools. Flag all vernal pools and spagnum wetlands prior to work, so impacts to these habitats can be avoided. Please send over job timing and BMPs for all species other than the Ringed Boghaunter.**

<b>Invertebrate Species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
Ringed Boghaunter ( <i>Williamsonia lintneri</i> )	T	--	Contact the NH Fish & Game Dept (see below).

<b>Vertebrate species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
Blanding's Turtle ( <i>Emydoidea blandingii</i> )	E	--	Contact the NH Fish & Game Dept (see below).
Northern Black Racer ( <i>Coluber constrictor constrictor</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle ( <i>Clemmys guttata</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Wood Turtle ( <i>Glyptemys insculpta</i> )	SC	--	Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

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**Memo**

NH Natural Heritage Bureau  
NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0323

**Town:** Candia

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 & 391 right-of-way in Candia.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** NHB: No Comments At This Time

**F&G: Please avoid Ringed Boghaunter spagnum-swamp habitat and vernal pools. Flag all vernal pools and spagnum wetlands prior to work, so impacts to these habitats can be avoided. Please send over job timing and BMPs for all species other than the Ringed Boghaunter.**

<b>Invertebrate Species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
Ringed Boghaunter ( <i>Williamsonia lintneri</i> )	T	--	Contact the NH Fish & Game Dept (see below).

<b>Vertebrate species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
Blanding's Turtle ( <i>Emydoidea blandingii</i> )	E	--	Contact the NH Fish & Game Dept (see below).
Northern Black Racer ( <i>Coluber constrictor constrictor</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle ( <i>Clemmys guttata</i> )	T	--	Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

## Memo

NH Natural Heritage Bureau  
NHB DataCheck Results Letter

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*Contact for all animal reviews: Kim Tuttle, NHF&G, (603) 271-6544.*

---

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# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0326

**Town:** Northwood

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 & 391 right-of-way in Northwood.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** NHB: No Comments At This Time

**F&G:** Flag all vernal pools prior to work, so impacts to this habitat can be avoided. Please send over job timing and BMPs for Blanding's.

### Vertebrate species

**State<sup>1</sup> Federal Notes**

Blanding's Turtle (*Emydoidea blandingii*) E -- Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

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**Memo**

NH Natural Heritage Bureau  
NHB DataCheck Results Letter

Please note: portions of this document are confidential.  
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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0327

**Town:** Strafford

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 & 391 right-of-way in Strafford.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** **NHB: Please provide an aerial plan showing any wetland impacts for matting in the vicinity of the two state-listed clubmoss species. What is the estimated project timing?**

**F&G: Flag all vernal pools prior to work, so impacts to this habitat can be avoided. Please send over job timing and BMPs for all species.**

<b>Plant species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
appressed bog-clubmoss ( <i>Lycopodiella appressa</i> )	E	--	Threats to this species include changes in hydrology and destruction of the peaty habitat.
foxtail bog-clubmoss ( <i>Lycopodiella alopecuroides</i> )	E	--	Threats to this species include changes in hydrology and destruction of the peaty habitat.

<b>Vertebrate species</b>	<b>State<sup>1</sup></b>	<b>Federal</b>	<b>Notes</b>
Blanding's Turtle ( <i>Emydoidea blandingii</i> )	E	--	Contact the NH Fish & Game Dept (see below).
Smooth Green Snake ( <i>Ophedrys vernalis</i> )	SC	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle ( <i>Clemmys guttata</i> )	T	--	Contact the NH Fish & Game Dept (see below).

## Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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Wood Turtle (*Glyptemys insculpta*)

SC

--

Contact the NH Fish & Game Dept (see below).

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*Contact for all animal reviews: Kim Tuttle, NHF&G, (603) 271-6544.*

---

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# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 2/11/2022 (valid until 02/11/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Utility Statutory Permit by Notification (SPN)

**NHB ID:** NHB22-0328

**Town:** Rochester

**Location:** Eversource Right-of-way

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373 & 391 right-of-way in Rochester.

**cc:** Kim Tuttle

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** NHB: No Comments At This Time

**F&G: Flag all vernal pools prior to work, so impacts to this habitat can be avoided. Please send over job timing and BMPs for all species.**

Vertebrate species	State <sup>1</sup>	Federal	Notes
Blanding's Turtle ( <i>Emydoidea blandingii</i> )	E	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle ( <i>Clemmys guttata</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Wood Turtle ( <i>Glyptemys insculpta</i> )	SC	--	Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

---

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

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# Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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**To:** Lindsey White, GZA GeoEnvironmental  
5 Commerce Park North  
Suite 201  
Bedford, NH 03110

**From:** NHB Review, NH Natural Heritage Bureau

**Date:** 4/26/2022 (valid until 04/26/2023)

**Re:** Review by NH Natural Heritage Bureau

**Permits:** NHDES - Alteration of Terrain Permit, NHDES - Utility Statutory Permit by Notification (SPN), USACE - General Permit

**NHB ID:** NHB22-1436

**Town:** Deerfield

**Location:** Eversource Maintained ROW

**Description:** Eversource is proposing to replace select existing transmission structures within the existing 373, 385 and 391 right-of-way in Deerfield.

**cc:** NHFG Review

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

**Comments** NHB: No Comments At This Time

**F&G:** Refer to NHFG consultation requirements below.

Vertebrate species	State <sup>1</sup>	Federal	Notes
Blanding's Turtle ( <i>Emydoidea blandingii</i> )	E	--	Contact the NH Fish & Game Dept (see below).
Jefferson/Blue-spotted Salamander Complex ( <i>Ambystoma pop. 3</i> )	--	--	Contact the NH Fish & Game Dept (see below).
Northern Black Racer ( <i>Coluber constrictor constrictor</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Smooth Green Snake ( <i>Ophedryss vernalis</i> )	SC	--	Contact the NH Fish & Game Dept (see below).
Spotted Turtle ( <i>Clemmys guttata</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Wood Turtle ( <i>Glyptemys insculpta</i> )	SC	--	Contact the NH Fish & Game Dept (see below).

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## Memo

## NH Natural Heritage Bureau NHB DataCheck Results Letter

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been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

*For all animal reviews, refer to 'IMPORTANT: NHFG Consultation' section below.*

---

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---

### **IMPORTANT: NHFG Consultation**

If this NHB Datacheck letter DOES NOT include ANY wildlife species records, then, based on the information submitted, no further consultation with the NH Fish and Game Department pursuant to Fis 1004 is required.

If this NHB Datacheck letter includes a record for a threatened (T) or endangered (E) wildlife species, consultation with the New Hampshire Fish and Game Department under Fis 1004 may be required. To review the Fis 1000 rules (effective February 3, 2022), please go to <https://wildlife.state.nh.us/wildlife/environmental-review.html>. All requests for consultation and submittals should be sent via email to [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov) or can be sent by mail, and **must include the NHB Datacheck results letter number and "Fis 1004 consultation request" in the subject line.**

If the NHB DataCheck response letter does not include a threatened or endangered wildlife species but includes other wildlife species (e.g., Species of Special Concern), consultation under Fis 1004 is not required; however, some species are protected under other state laws or rules, so coordination with NH Fish & Game is highly recommended or may be required for certain permits. While some permitting processes are exempt from required consultation under Fis 1004 (e.g., *statutory permit by notification, permit by rule, permit by notification, routine roadway registration, docking structure registration, or conditional authorization by rule*), coordination with NH Fish & Game may still be required under the rules governing those specific permitting processes, and it is recommended you contact the applicable permitting agency. For projects not requiring consultation under Fis 1004, but where additional coordination with NH Fish and Game is requested, please email: Kim Tuttle [kim.tuttle@wildlife.nh.gov](mailto:kim.tuttle@wildlife.nh.gov) with a copy to [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov), and include the NHB Datacheck results letter number and "review request" in the email subject line.

Contact NH Fish & Game at (603) 271-0467 with questions.

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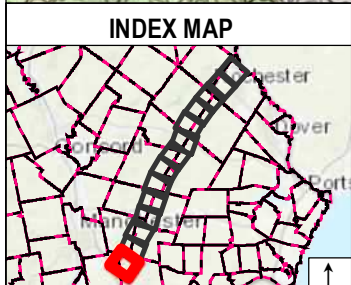
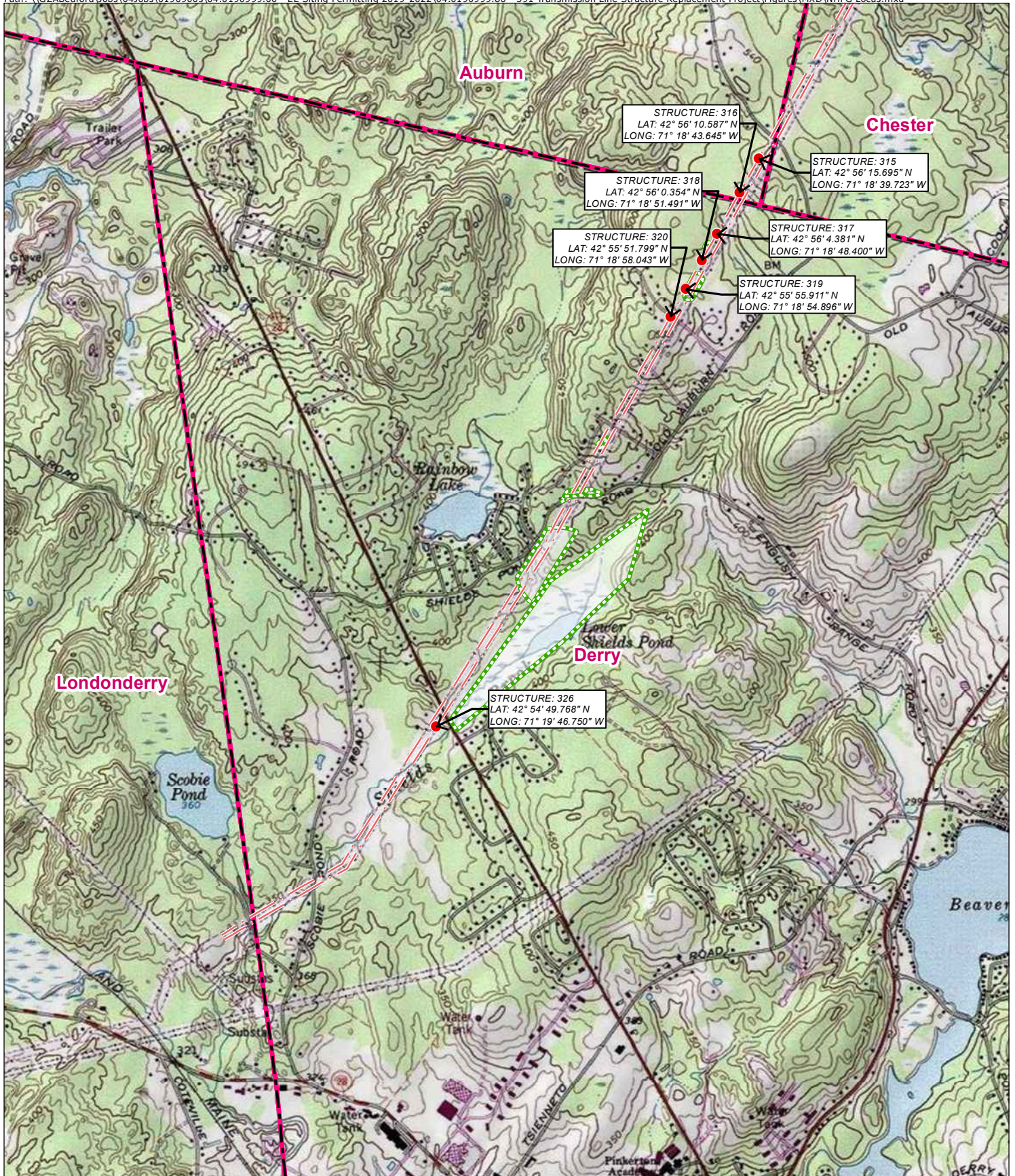






Attachment B: USGS Location Map





**Legend**

- Proposed Replacement Structure
- Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

1 inch = 2,000 feet

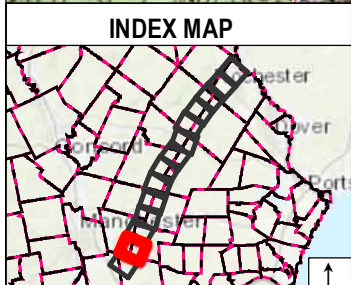
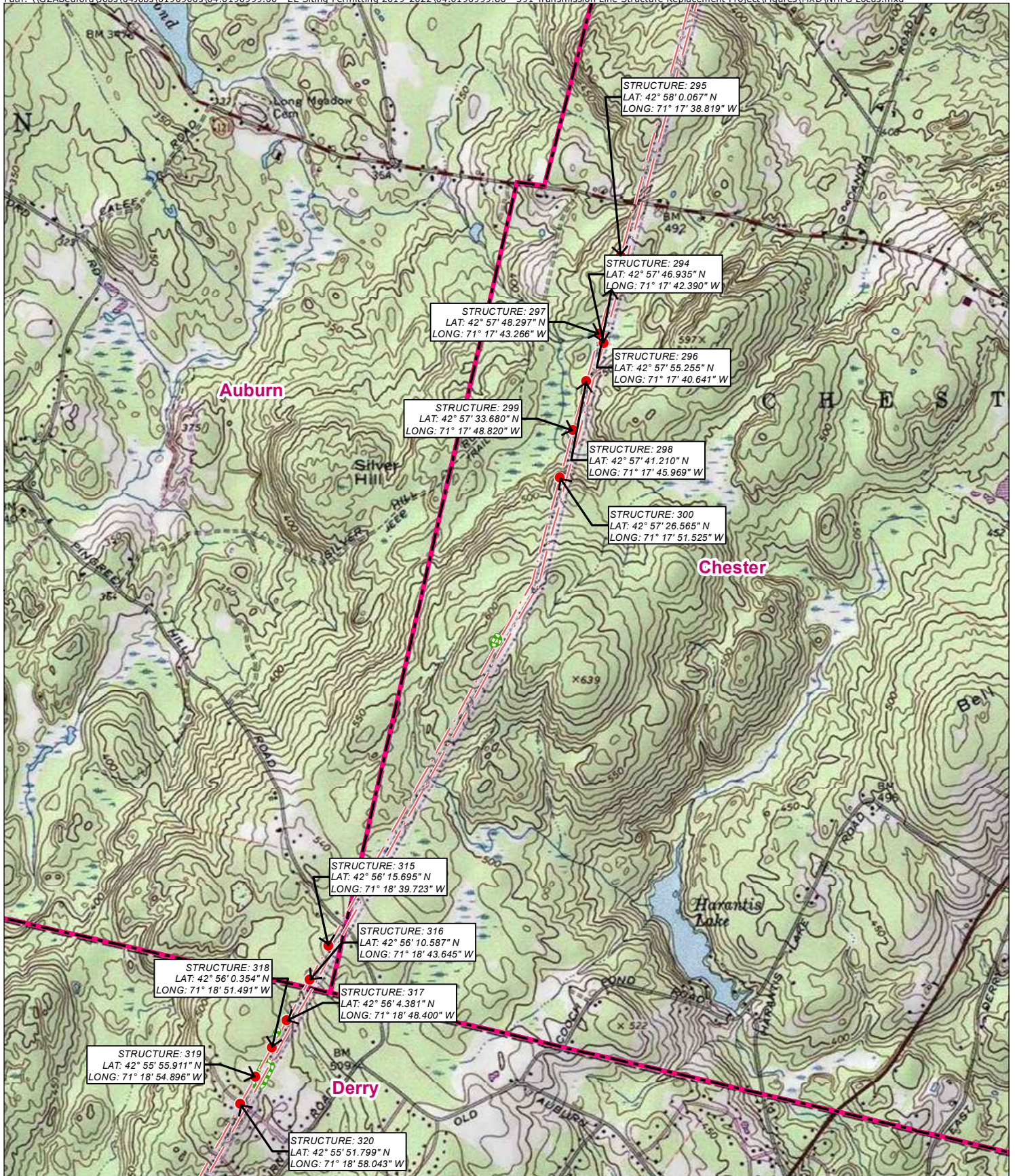
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**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- ▭ State-Listed Species
- ▭ Municipal Boundary

1 inch = 2,000 feet

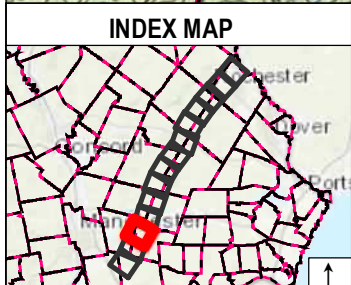
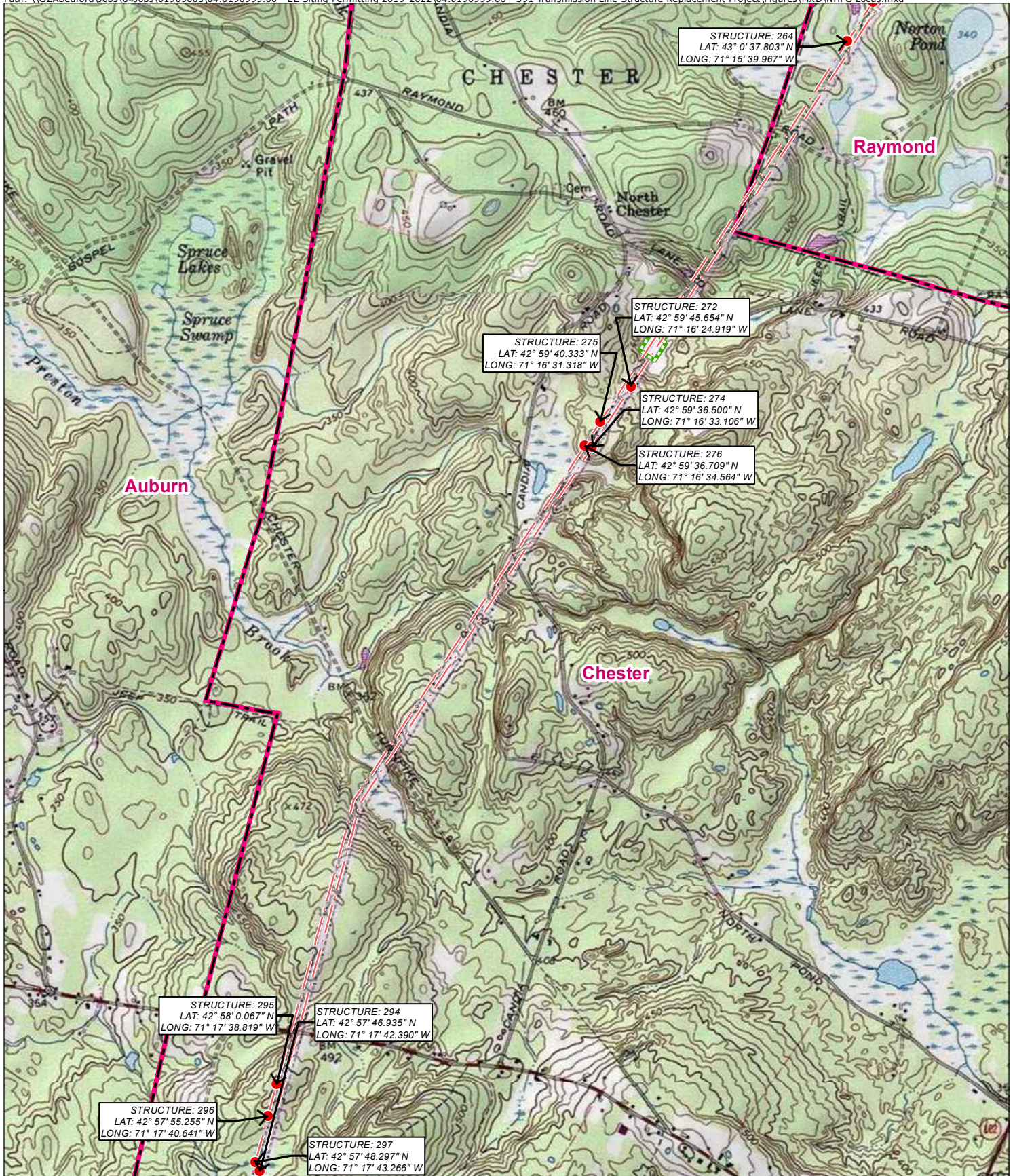
0 1,000 2,000 Feet

**EVERSOURCE ENERGY**

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- ▭ State-Listed Species
- ▭ Municipal Boundary

1 inch = 2,000 feet

0 1,000 2,000 Feet

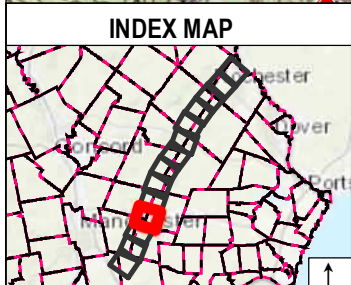
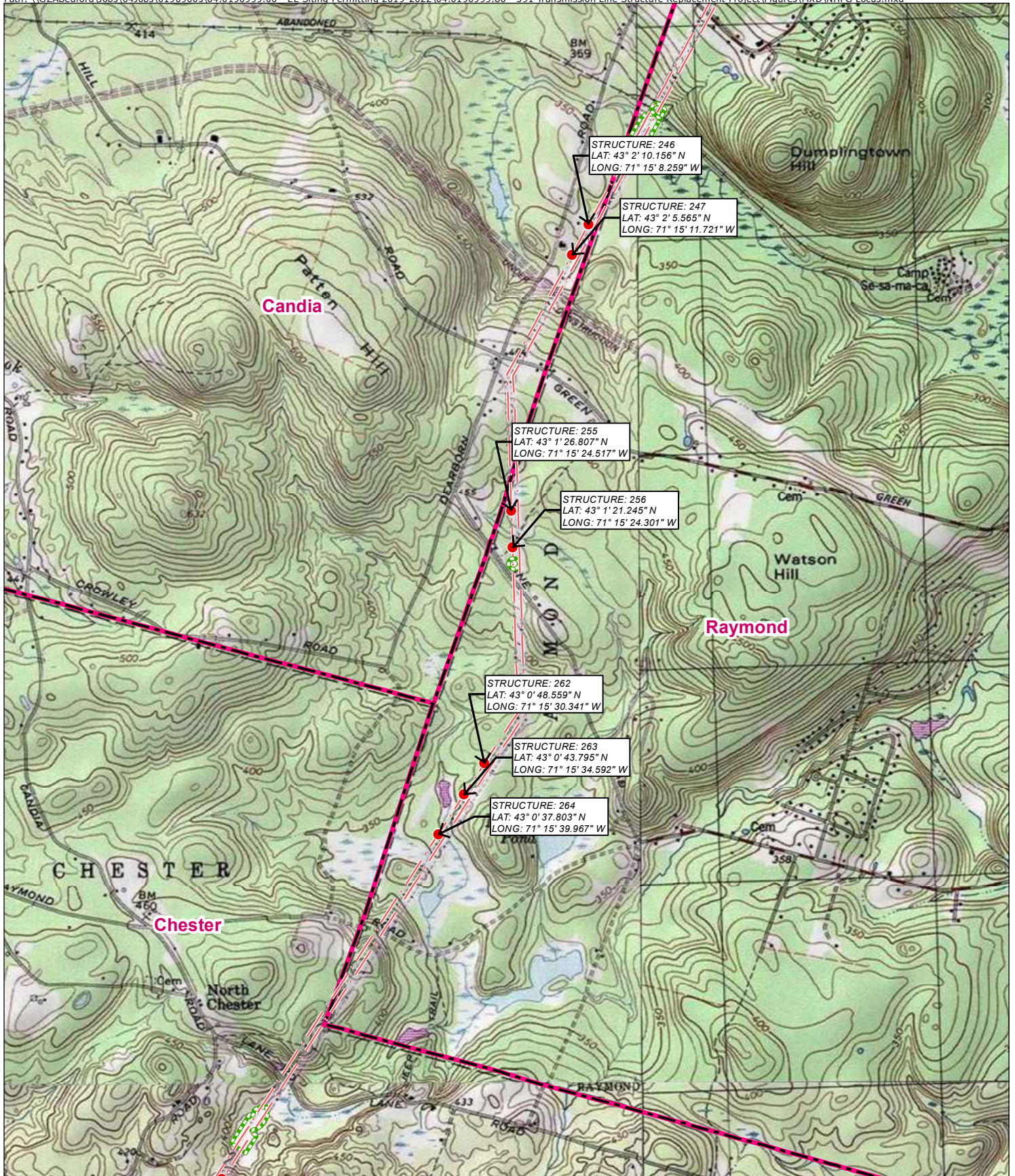
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**EVERSOURCE ENERGY**

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



**Legend**

- Proposed Replacement Structure
- Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

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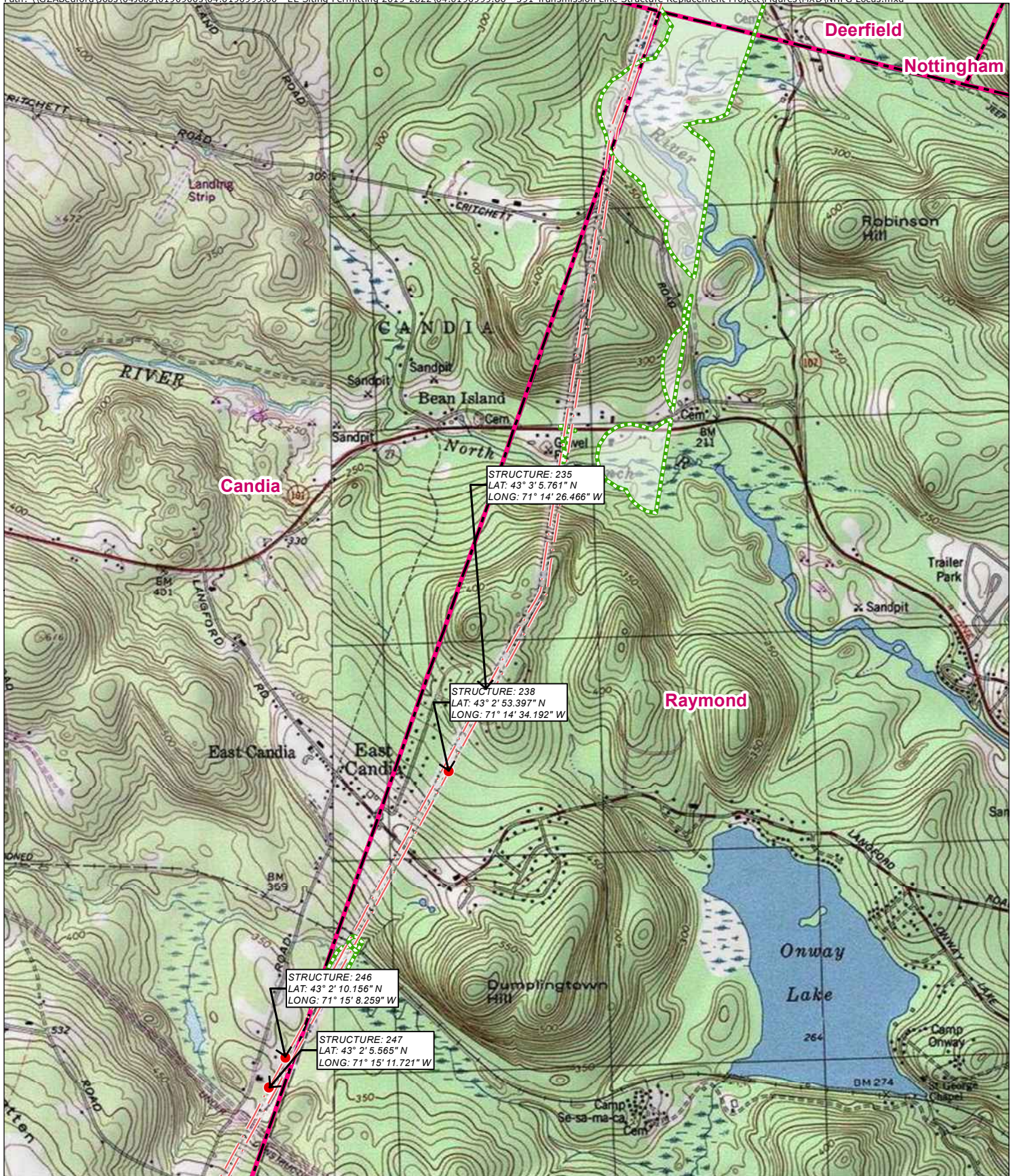
0      1,000      2,000 Feet

**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



Candia

Deerfield

Nottingham

Raymond

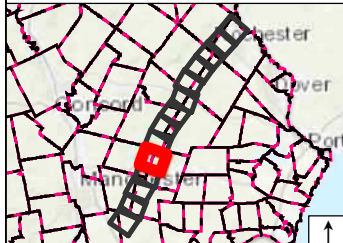
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LONG: 71° 14' 26.466" W

STRUCTURE: 238  
LAT: 43° 2' 53.397" N  
LONG: 71° 14' 34.192" W

STRUCTURE: 246  
LAT: 43° 2' 10.156" N  
LONG: 71° 15' 8.259" W

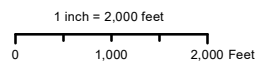
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LONG: 71° 15' 11.721" W

**INDEX MAP**



**Legend**

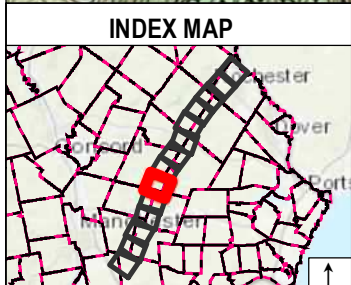
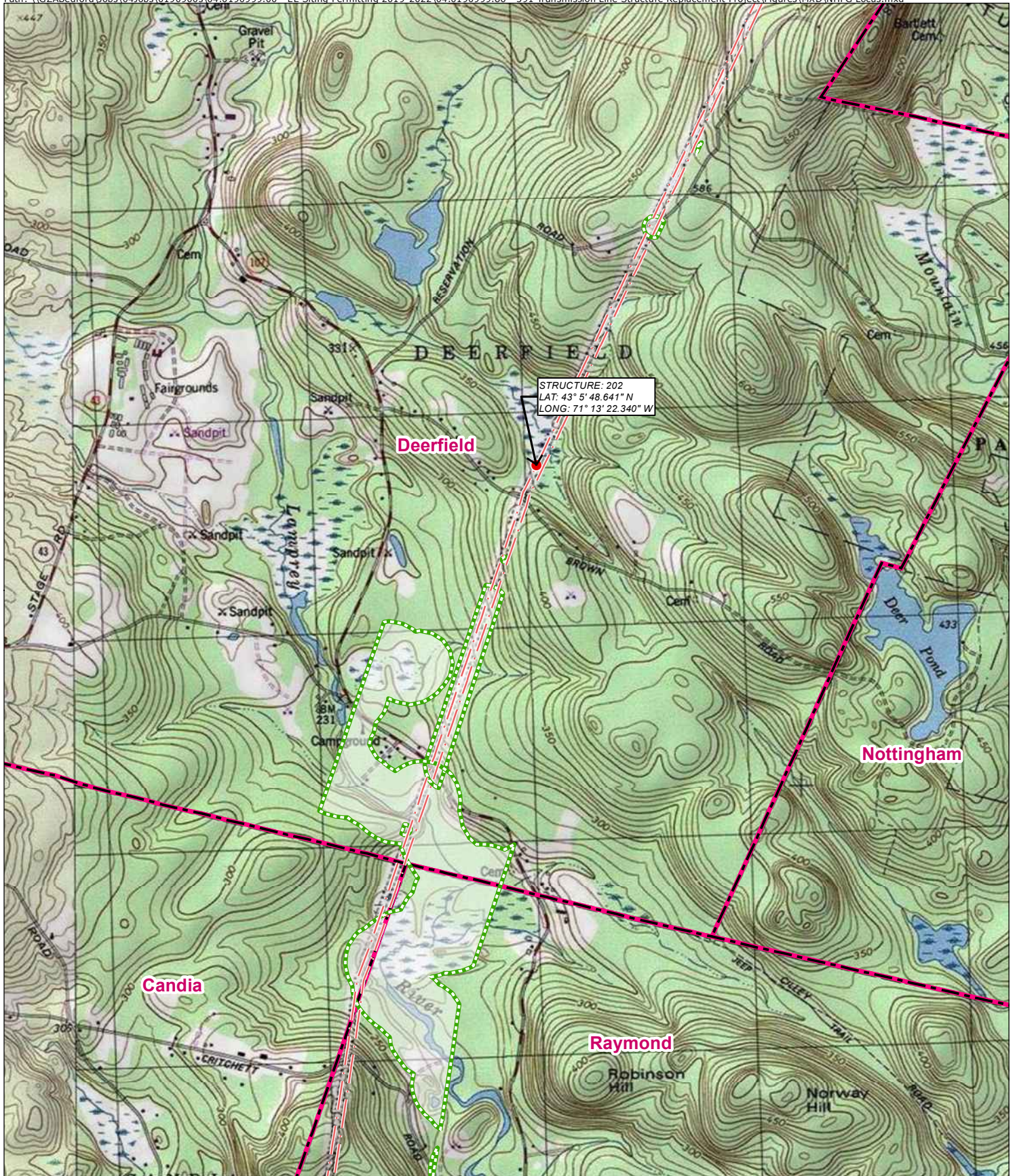
- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary



2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

1 inch = 2,000 feet

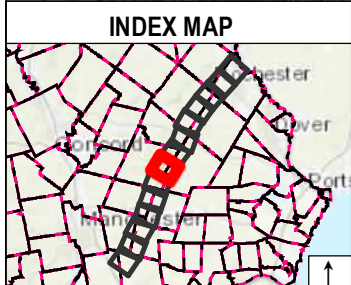
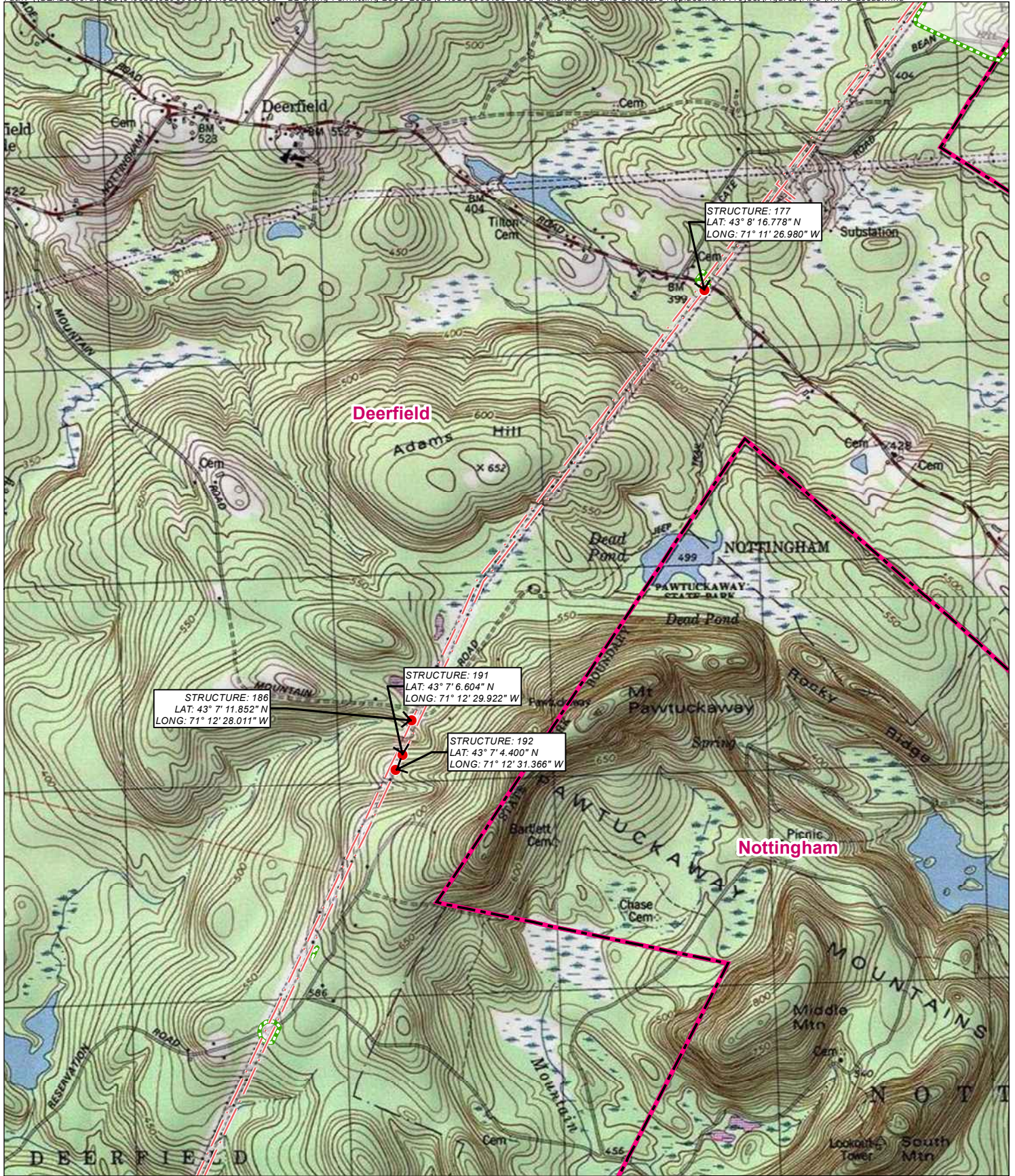
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**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- ▭ State-Listed Species
- ▭ Municipal Boundary

1 inch = 2,000 feet

0 1,000 2,000 Feet

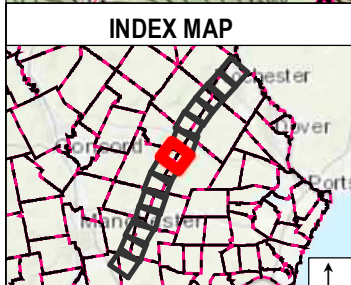
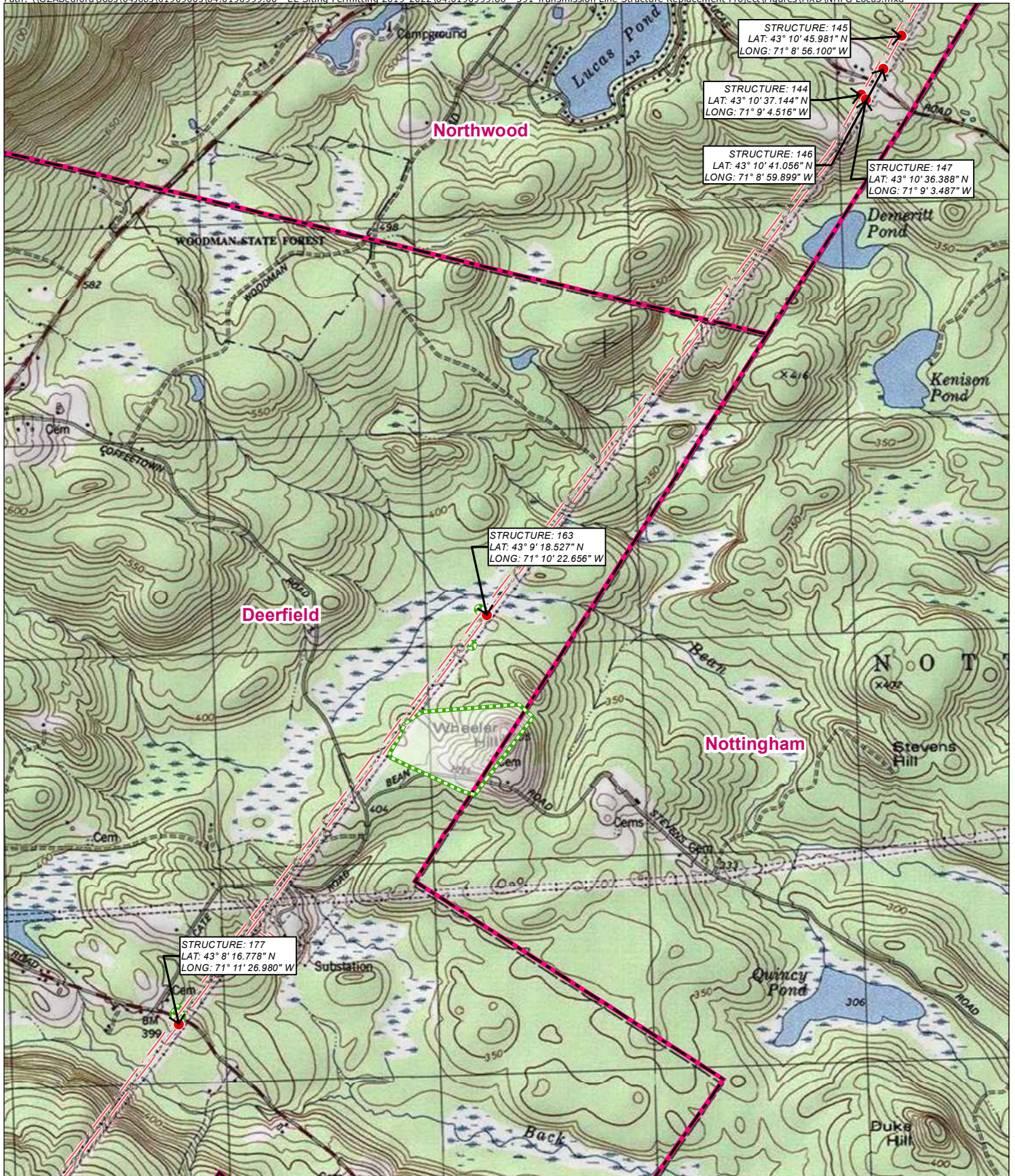
N

**EVERSOURCE ENERGY**

2022 391, 373, 385 Transmission Line Structure Replacement Project  
 Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

1 inch = 2,000 feet

0      1,000      2,000 Feet

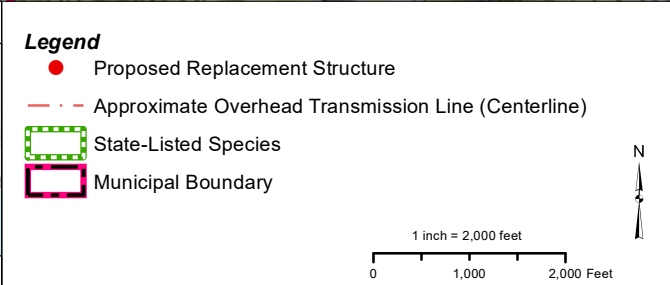
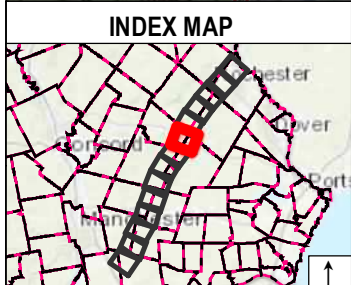
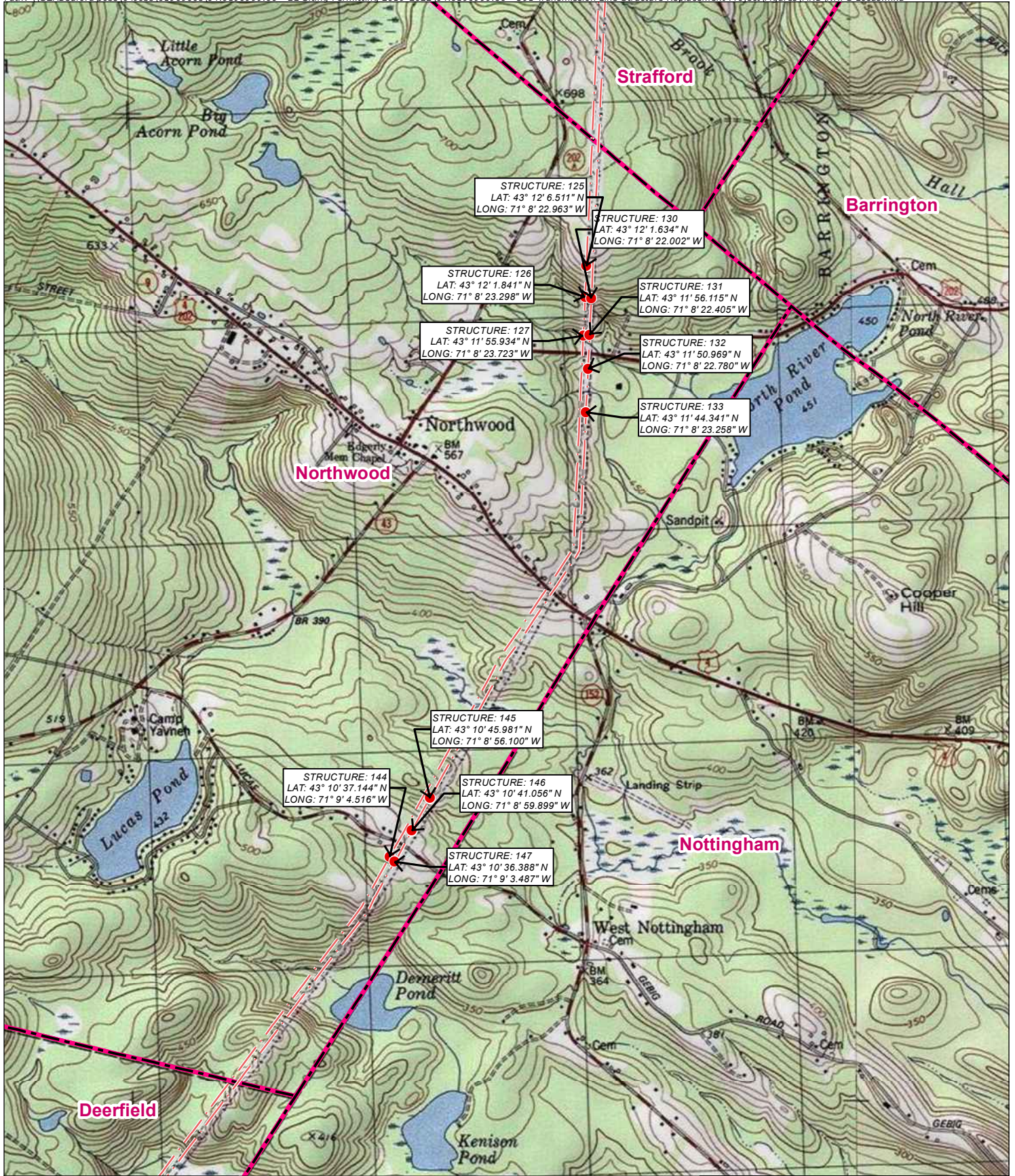
**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



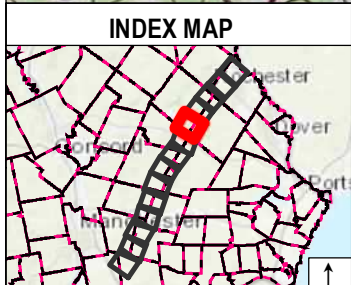
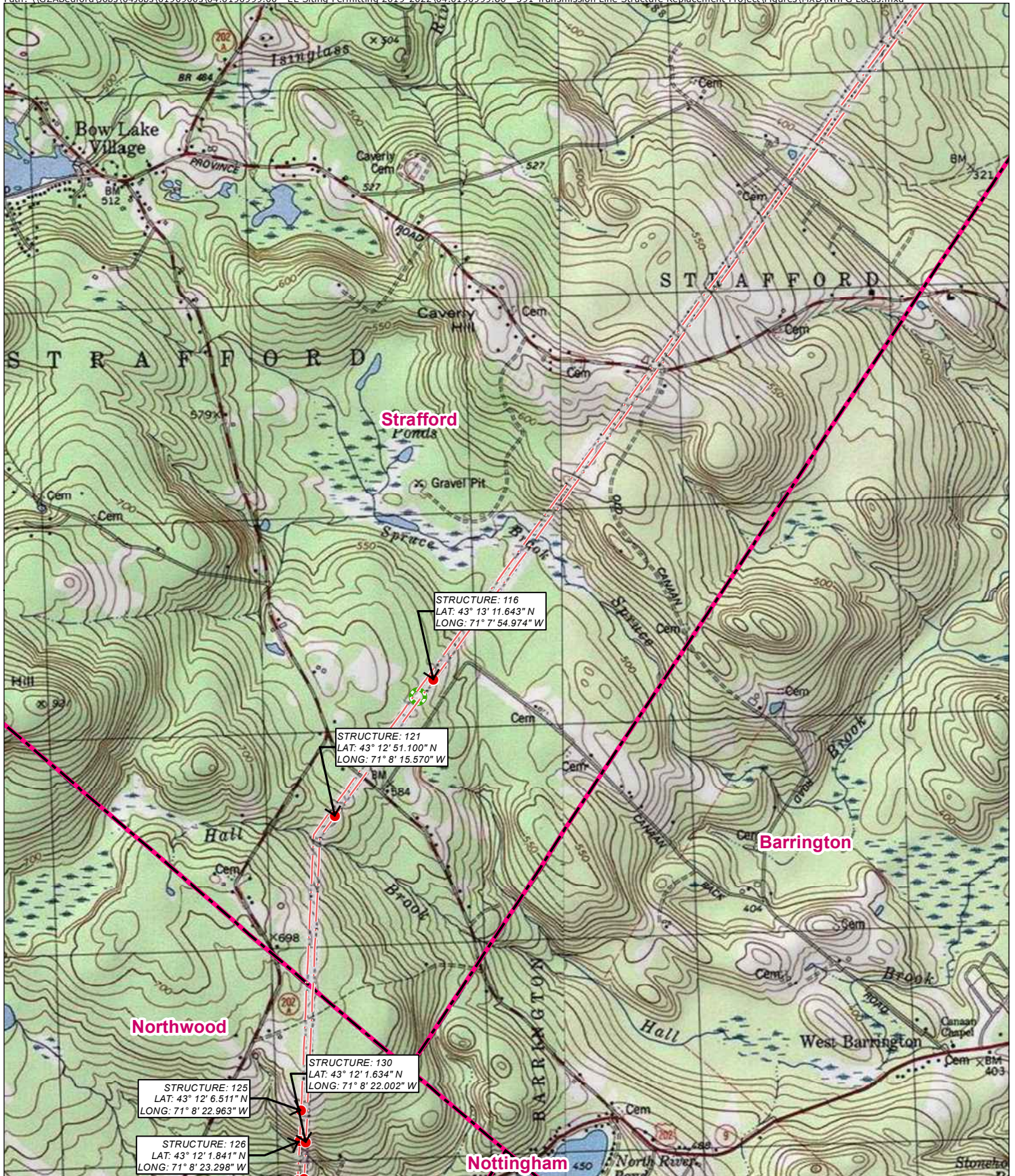


**EVERSOURCE ENERGY**

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

1 inch = 2,000 feet

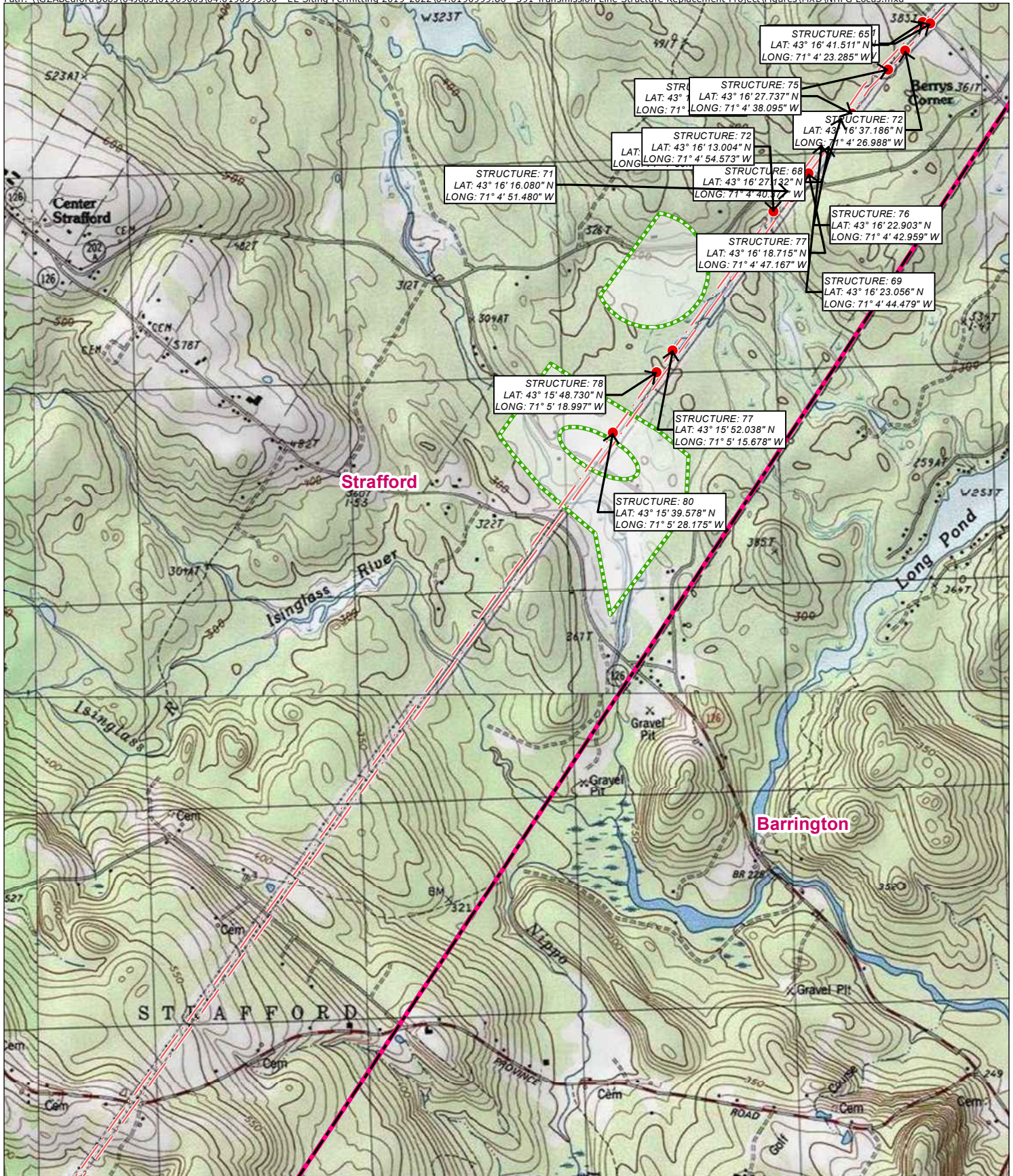
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**EVERSOURCE**  
ENERGY

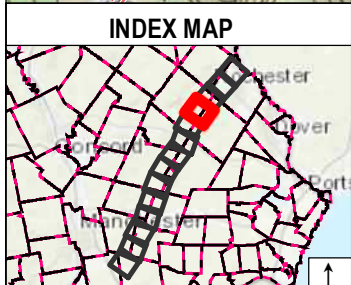
2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Stafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



- STRUCTURE: 65  
LAT: 43° 16' 41.511" N  
LONG: 71° 4' 23.285" W
- STRUCTURE: 75  
LAT: 43° 16' 27.737" N  
LONG: 71° 4' 38.095" W
- STRUCTURE: 72  
LAT: 43° 16' 37.186" N  
LONG: 71° 4' 26.988" W
- STRUCTURE: 72  
LAT: 43° 16' 13.004" N  
LONG: 71° 4' 54.573" W
- STRUCTURE: 68  
LAT: 43° 16' 27.132" N  
LONG: 71° 4' 40.177" W
- STRUCTURE: 76  
LAT: 43° 16' 22.903" N  
LONG: 71° 4' 42.959" W
- STRUCTURE: 69  
LAT: 43° 16' 23.056" N  
LONG: 71° 4' 44.479" W
- STRUCTURE: 77  
LAT: 43° 15' 18.715" N  
LONG: 71° 4' 47.167" W
- STRUCTURE: 77  
LAT: 43° 15' 52.038" N  
LONG: 71° 5' 15.678" W
- STRUCTURE: 71  
LAT: 43° 16' 16.080" N  
LONG: 71° 4' 51.480" W
- STRUCTURE: 78  
LAT: 43° 15' 48.730" N  
LONG: 71° 5' 18.997" W
- STRUCTURE: 80  
LAT: 43° 15' 39.578" N  
LONG: 71° 5' 28.175" W



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- ▭ State-Listed Species
- ▭ Municipal Boundary

1 inch = 2,000 feet

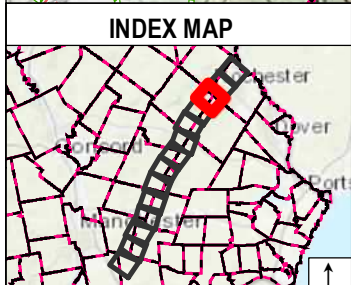
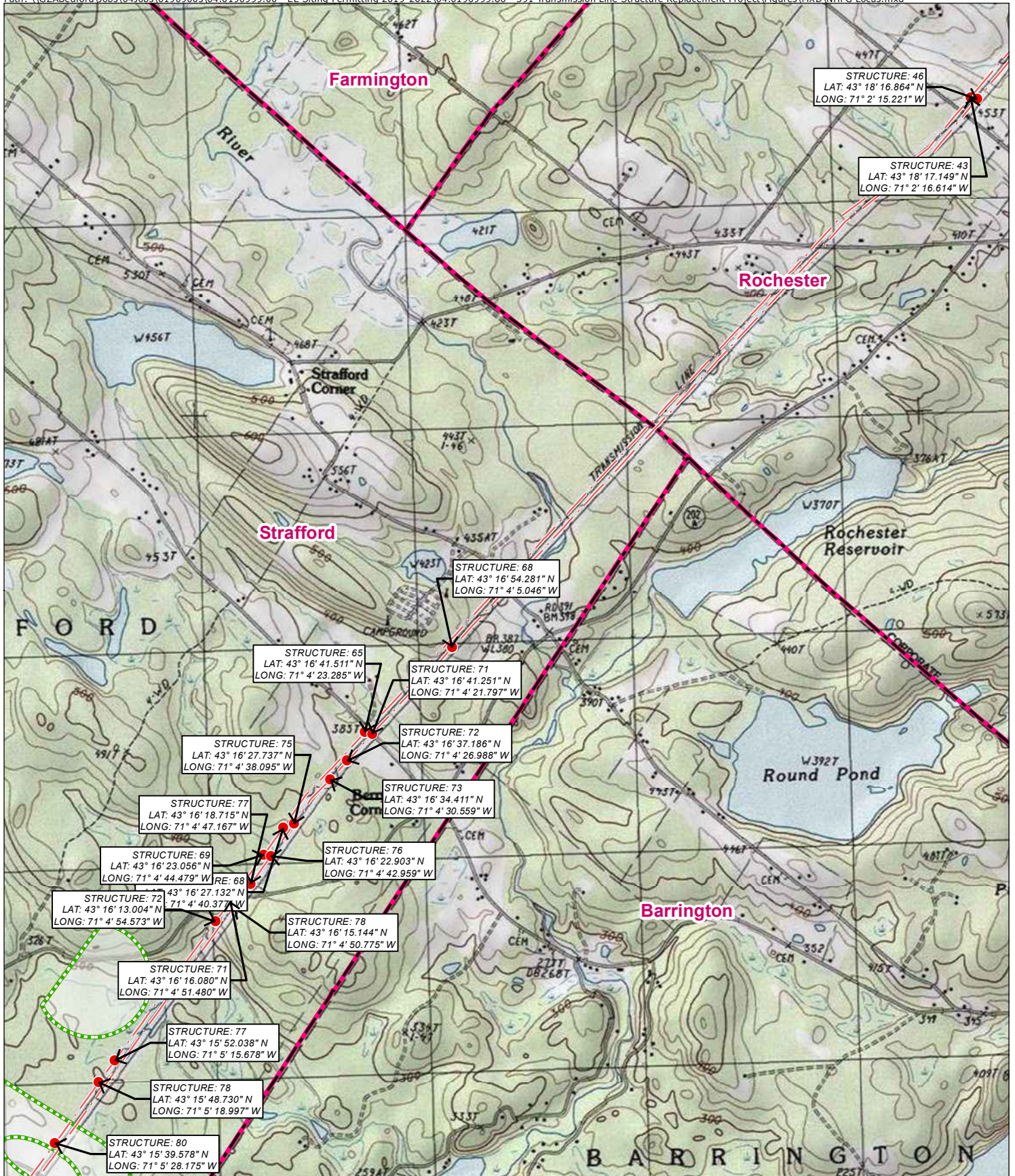
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**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

N

1 inch = 2,000 feet

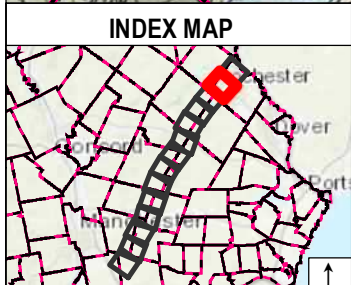
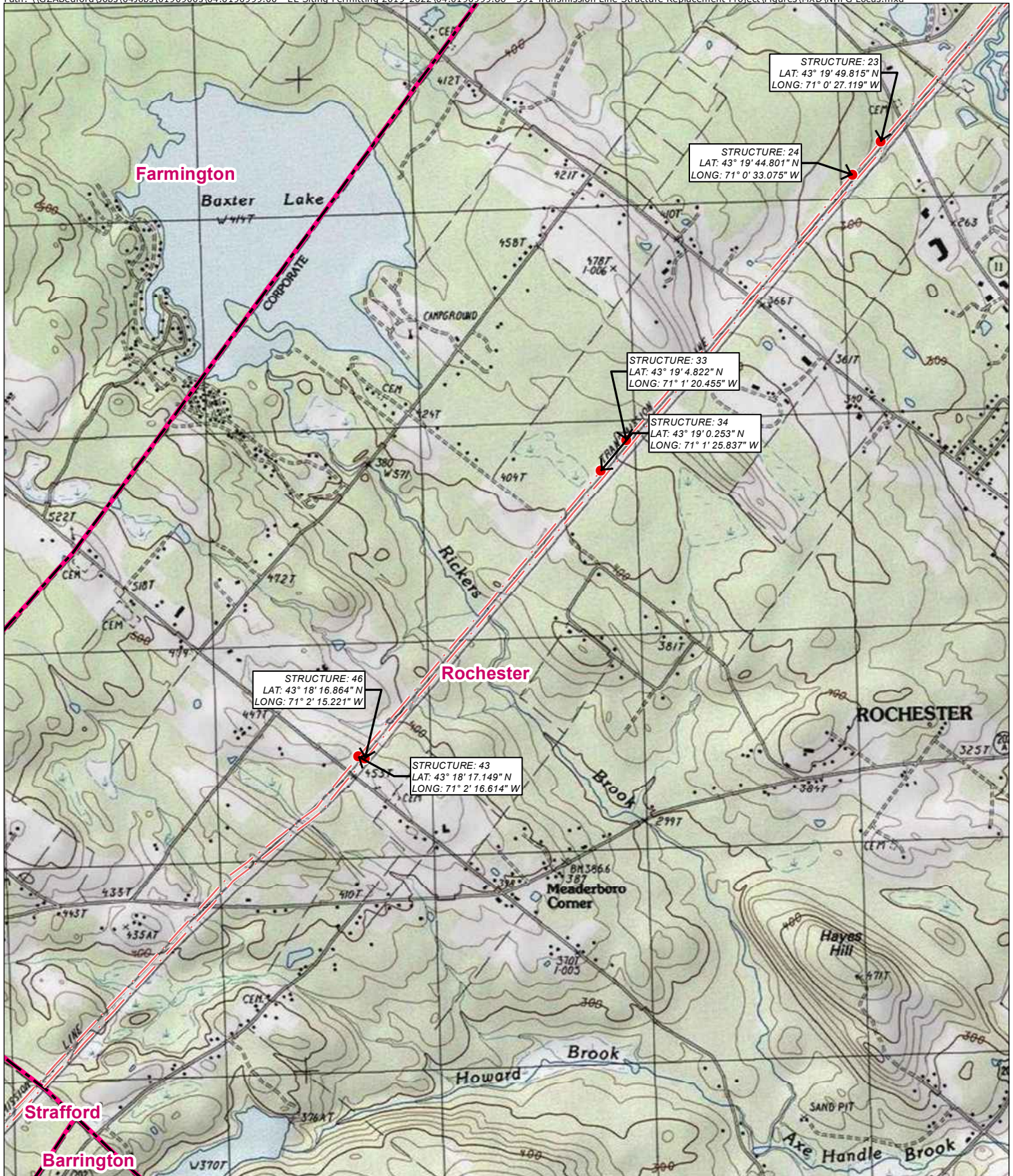
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**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



**Legend**

- Proposed Replacement Structure
- Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- █ Municipal Boundary

1 inch = 2,000 feet

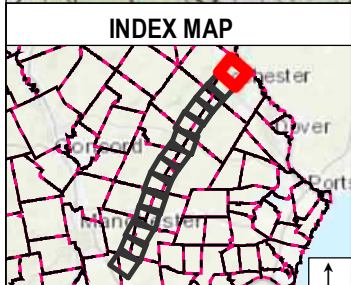
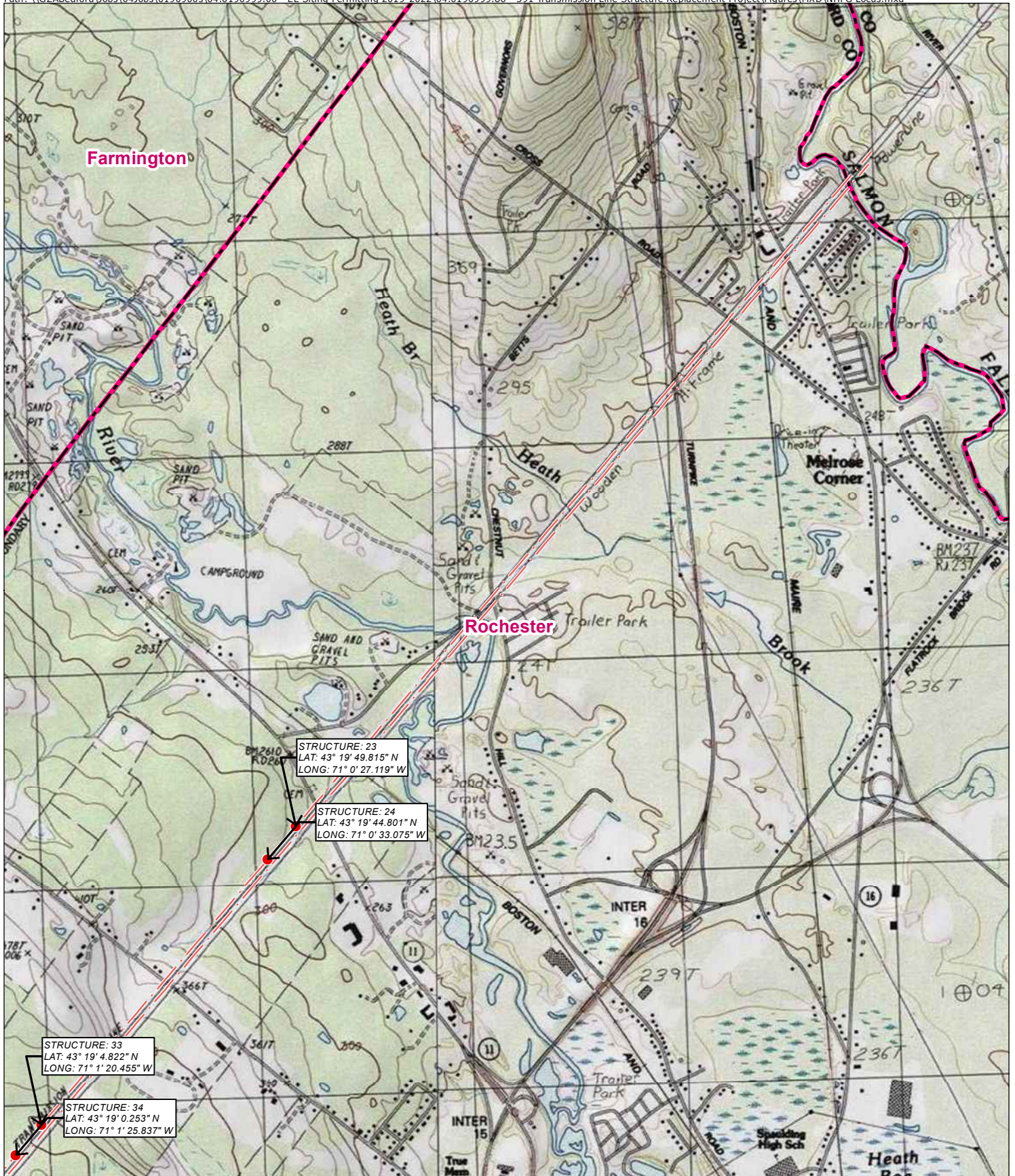
0 1,000 2,000 Feet

**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map



**Legend**

- Proposed Replacement Structure
- - - Approximate Overhead Transmission Line (Centerline)
- State-Listed Species
- Municipal Boundary

1 inch = 2,000 feet

0      1,000      2,000 Feet

**EVERSOURCE**  
ENERGY

2022 391, 373, 385 Transmission Line Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester & Strafford, NH

Date: 5/18/2022

NHB Attachment  
B: Overview Map

May 20, 2022

Memorandum – NHB22-0318, NHB22-0320, NHB22-0321, NHB22-0322,  
NHB22-0323, NHB22-0326, NHB22-0327, NHB22-0328, NHB22-1436  
391/385/373 Structure Replacement Project

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Attachment C: Photographs

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 1: View of proposed access and work pad location from Route 28 to 391 Line Line, Structure 326.



Photograph No. 2: View of proposed access and work pad location for 373 Line Structure 320.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 3: View of proposed access and work pad location for 373 Line Structure 319.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 4: View of proposed access and work area for 373 Line Structure 318.



Photograph No. 5: View of proposed access and work pad location for 373 Line Structure 317.



Photograph No. 6: View of proposed access and work pad location adjacent to 373 Line Structure 316.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 7: View of proposed access and work pad location from Pingree Hill Road for 373 Line Structure 126.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 8: View of proposed access and work pad location adjacent to 373 Line Structure 299.



Photograph No. 9: View of proposed access and work pad location adjacent to 373 Line Structure 298.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 10: View of proposed access and work pad location for 373 Line Structure 297.



Photograph No. 11: View of proposed access for 373 Line Structure 296.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 12: View of proposed access and work pad location adjacent to 373 Line Structure 295.



Photograph No. 13: View of proposed access for 391 Line Structure 132 and 373 Line Structure 276.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 14: View of proposed access and work pad location adjacent to 391 Line Structure 274.



Photograph No. 15: View of proposed access and work pad location adjacent to 373 Line Structure 275.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 16: View of proposed access and work pad location adjacent to 391 Line Structure 272.



Photograph No. 17: View of proposed access and work pad location adjacent to 373 Line Structure 264.





**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**

Photograph No. 18: View of proposed access and work pad location adjacent to 373 Line Structure 263.



Photograph No. 19: View of proposed work pad location for 373 Line Structure 262.



Photograph No. 20: View of proposed access and work pad location for 373 Line Structure 256.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 21: View of proposed access and work pad location for 373 Line Structure 255.



Photograph No. 22: View of proposed access and work pad location for 373 Line Structure 247.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 23: View of proposed access and work pad location for 373 Line Structure 246.



Photograph No. 24: View of proposed access and work pad location for 373 Line Structure 235.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 25: View of proposed access and work pad location adjacent to 391 Line Structure 192.



Photograph No. 26: View of proposed access and work pad location for 391 Line Structure 191.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 27: View of proposed access and work pad location adjacent to 373 Line Structure 186.



Photograph No. 28: View of proposed access and work pad location for 391 Line Structure 177 from Nottingham Road.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 29: View of proposed access and work pad location for 391 Line Structure 163.



Photograph No. 30: View of proposed access and work pad location for 373 Line Structure 147.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 31: View of proposed access and work pad location adjacent to 385 Line Structure 144.



Photograph No. 32: View of proposed access to 373 Line Structure 146.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 33: View of proposed access to 373 Line Structure 145.



Photograph No. 34: View of proposed access to 391 Line Structure 133.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 35: View of proposed access and work pad location for 391 Line Structure 132.



Photograph No. 36: View of proposed access to 385 Line Structure 127.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 37: View of proposed access and work pad location for 391 Line Structure 131.



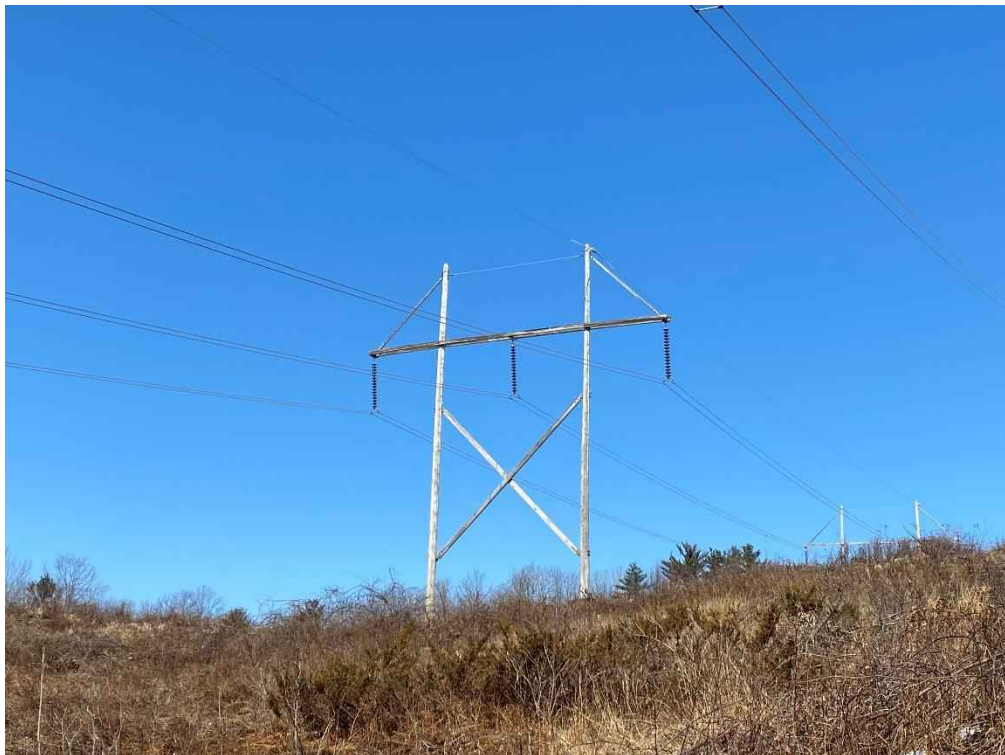
Photograph No. 38: View of proposed access for 385 Line Structure 126.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 39: View of proposed access and work pad location for 391 Line Structure 130.



Photograph No. 40: View of proposed access and work pad location for 385 Line Structure 125.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 41: View of proposed access to 391 Line Structure 121.



Photograph No. 42: View of proposed access and work pad location for 391 Line Structure 116.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 43: View of proposed access and work pad location adjacent to 385 Line Structure 80.



Photograph No. 44: View of proposed access and work pad location for 385 Line Structure 78.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 45: View of proposed access and work pad location for 385 Line Structure 77.



Photograph No. 46: View of proposed access and work pad location for 385 Line Structure 72.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 47: View of proposed access and work pad location for 391 Line Structure 71.



Photograph No. 48: View of proposed access and work pad location for 391 Line Structure 78.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 49: View of proposed access and work pad location for 391 Line Structure 77.



Photograph No. 50: View of proposed access and work pad location adjacent for 385 Line Structure 69.



**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 51: View of proposed access and work pad location for 391 Line Structure 76.



Photograph No. 52: View of proposed access and work pad location for 385 Line Structure 68.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 53: View of proposed access and work pad location for 391 Line Structure 75.



Photograph No. 54: View of proposed access and work pad location for 391 Line Structure 73.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 55: View of proposed access and work pad location for 391 Line Structure 72.



Photograph No. 56: View of proposed access and work pad location to 385 Line Structure 65 from Second Crown Point Road.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 57: View of proposed access and work pad location for 391 Line Structure 71 from Second Crown Point Road.



Photograph No. 58: View of proposed access and work pad location for 391 Line Structure 68.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 59: View of proposed access and work pad location for 385 Line Structure 43



Photograph No. 60: View of proposed access and work pad location for 391 Line Structure 46.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 61: View of proposed access and work pad location adjacent to 385 Line Structure 34.



Photograph No. 62: View of proposed access and work pad location for 385 Line Structure 33.

**PHOTO LOG**

**391 Line, 373 Line, & 385 Line Transmission Line OPGW and Structure Replacement Project  
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester, and Strafford, New Hampshire  
Photos Taken: February 10, 11, & 15, March 10 & 16, and April 6, 2022**



Photograph No. 63: View of proposed access and work pad location for 385 Line Structure 23.



Photograph No. 64: View of proposed access and work pad location for 385 Line Structure 24.

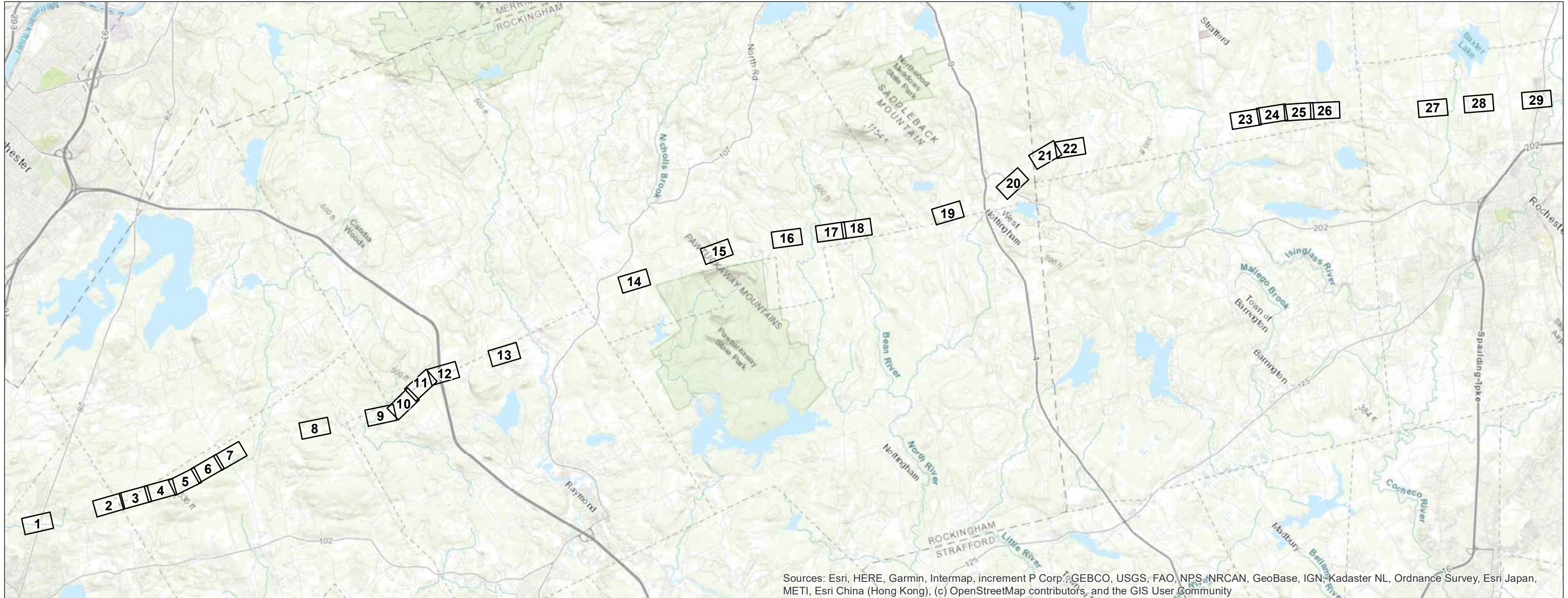
Attachment D: Project Plans



# 391, 385, 373 Transmission Line - Structure Replacement Project

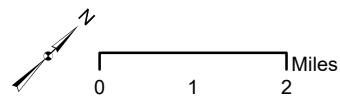
Auburn, Candia, Chester, Deerfield, Derry, Northwood, Raymond, Rochester and Strafford, New Hampshire  
Environmental Permitting Planset

Date: May 18, 2022



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

### Legend



**INDEX OF FIGURES**  
Title Sheet / Index Map  
Map Sheets 1-29  
Notesheets 1-2

NO.	DATE	REVISIONS

PREPARED FOR:



13 Legends Drive  
Hooksett, NH 03106

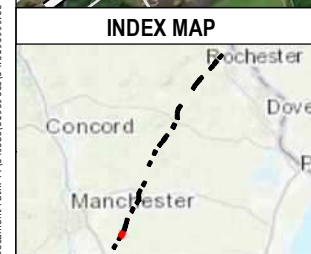
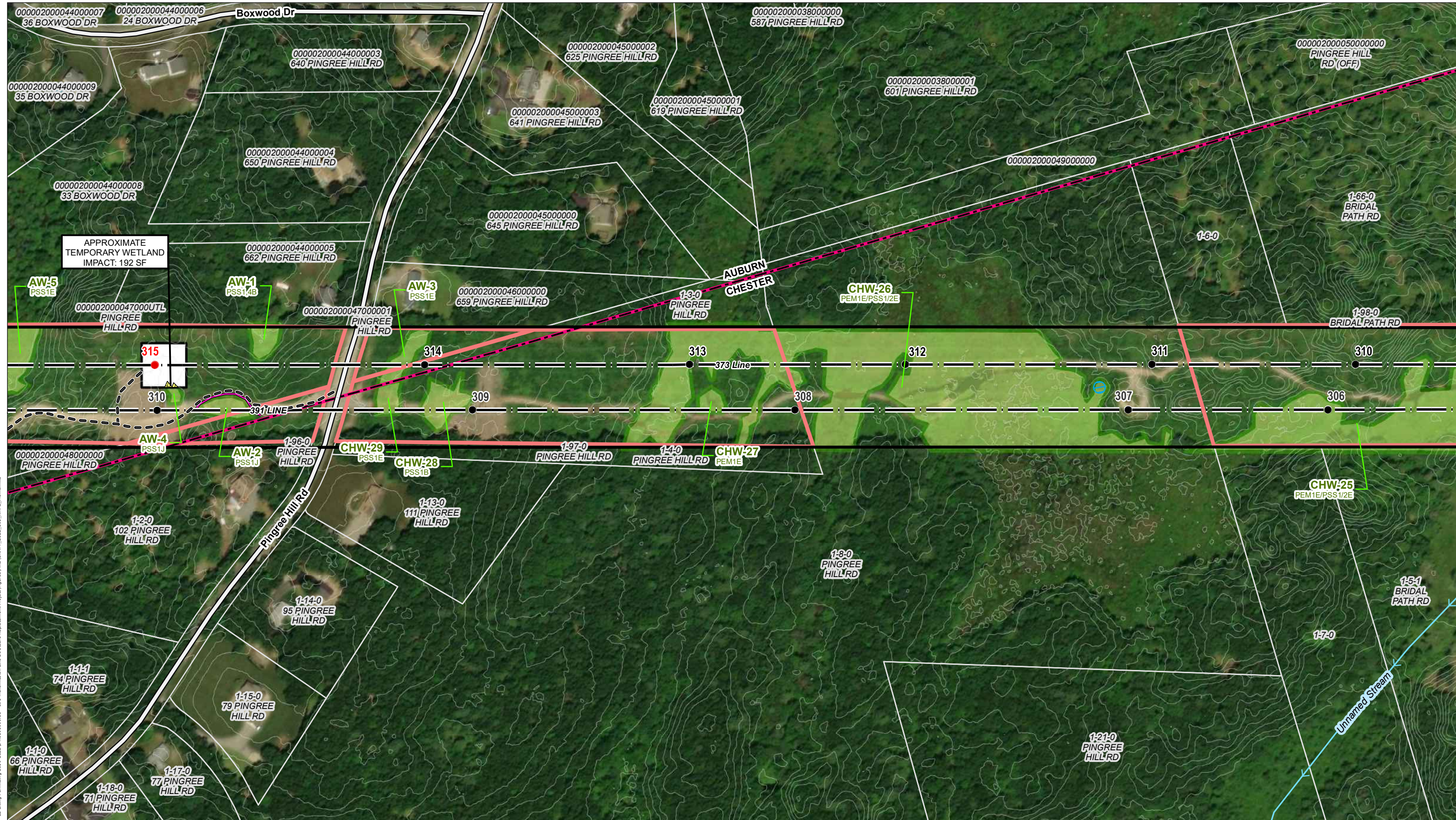
PREPARED BY:



**GZA** GeoEnvironmental, Inc.  
Engineers and Scientists  
www.gza.com







● EXISTING STRUCTURE	■ EROSION AND SEDIMENT CONTROL	→ NHD FLOWLINES	✕-✕ FENCE
● PROPOSED STRUCTURE	■ TEMPORARY WETLAND IMPACT	--- INTERMITTENT STREAM CHANNEL BANK	○-○ ROCK WALL
— TRANSMISSION LINE	■ UPLAND MATTING	--- PERENNIAL STREAM CHANNEL BANK	
— APPROXIMATE ROW	○ EXISTING ACCESS	■ POTENTIAL VERNAL POOL	
■ STONE WORK PAD	○ OFF-ROW ACCESS	■ PEATLAND	
■ CONFIRMED VERNAL POOL	○ PROPOSED ACCESS	■ PRIME WETLAND	
■ PARCEL BOUNDARY	■ TEMPORARY WETLAND BUFFER IMPACTS	■ TIER 3 FLOODPLAIN WETLAND	
■ EVERSOURCE OWNED PARCEL	— NHDOT ROADS	■ WETLAND	
■ STATE OWNED PARCEL	— 2FT ELEVATION CONTOUR		
■ STATE-LISTED SPECIES	■ TOWN BOUNDARY		

NO.	DATE	REVISIONS

**EVSOURCE ENERGY**

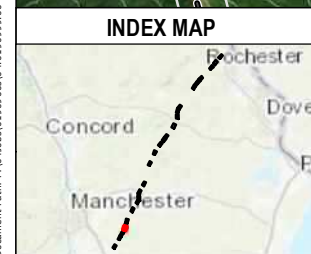
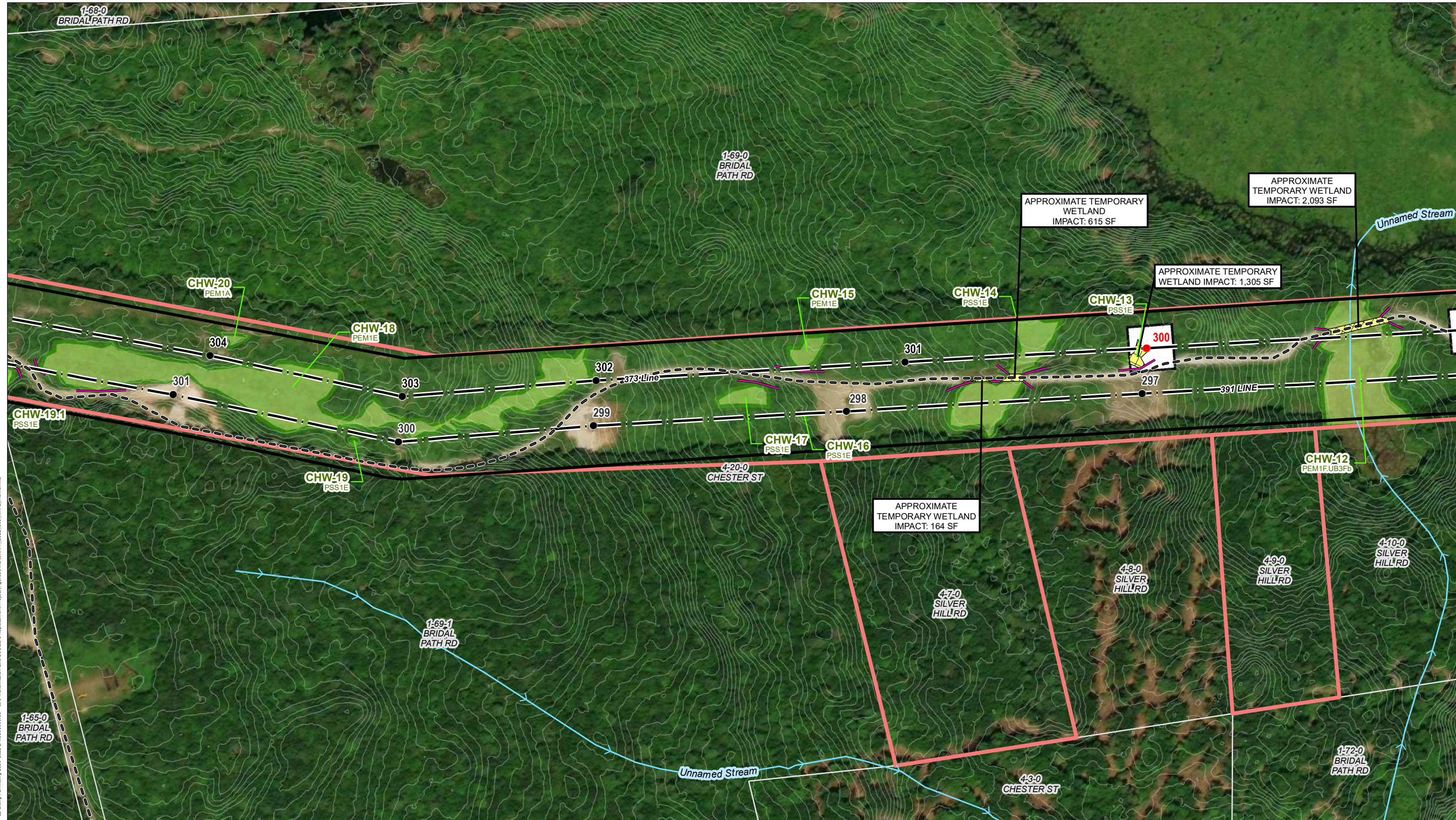
**391, 385, 373 Transmission Line Structure Replacement Project**

AUBURN/CHESTER, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	<b>3 OF 29</b>

Document Path: P:\0405\0190999\04.0190999.86 - BE Siting Permitting 2019\2022\04.0190999.86 - 391 Transmission Line Structure Replacement Project\Figures\Map\0405\0190999.86 - BE Siting Permitting 2019\2022\04.0190999.86 - 391 NHFG Memo.mxd

*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.*





● EXISTING STRUCTURE	— EROSION AND SEDIMENT CONTROL	— NHD FLOWLINES	×-× FENCE
● PROPOSED STRUCTURE	— TEMPORARY WETLAND IMPACT	— INTERMITTENT STREAM CHANNEL BANK	○-○-○ ROCK WALL
— TRANSMISSION LINE	— UPLAND MATTING	— PERENNIAL STREAM CHANNEL BANK	
— APPROXIMATE ROW	— EXISTING ACCESS	— POTENTIAL VERNAL POOL	
— STONE WORK PAD	— OFF-ROW ACCESS	— PEATLAND	
— CONFIRMED VERNAL POOL	— PROPOSED ACCESS	— PRIME WETLAND	
— PARCEL BOUNDARY	— TEMPORARY WETLAND BUFFER IMPACTS	— TIER 3 FLOODPLAIN WETLAND	
— EVERSOURCE OWNED PARCEL	— NHDOT ROADS	— WETLAND	
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— STATE-LISTED SPECIES	— TOWN BOUNDARY		

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.

1 inch = 200 feet  
0 50 100 200 Feet

NO.	DATE	REVISIONS

**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

CHESTER, NH      MAP SHEET

Date: May, 2022

04.0190999.86      **5 OF 29**

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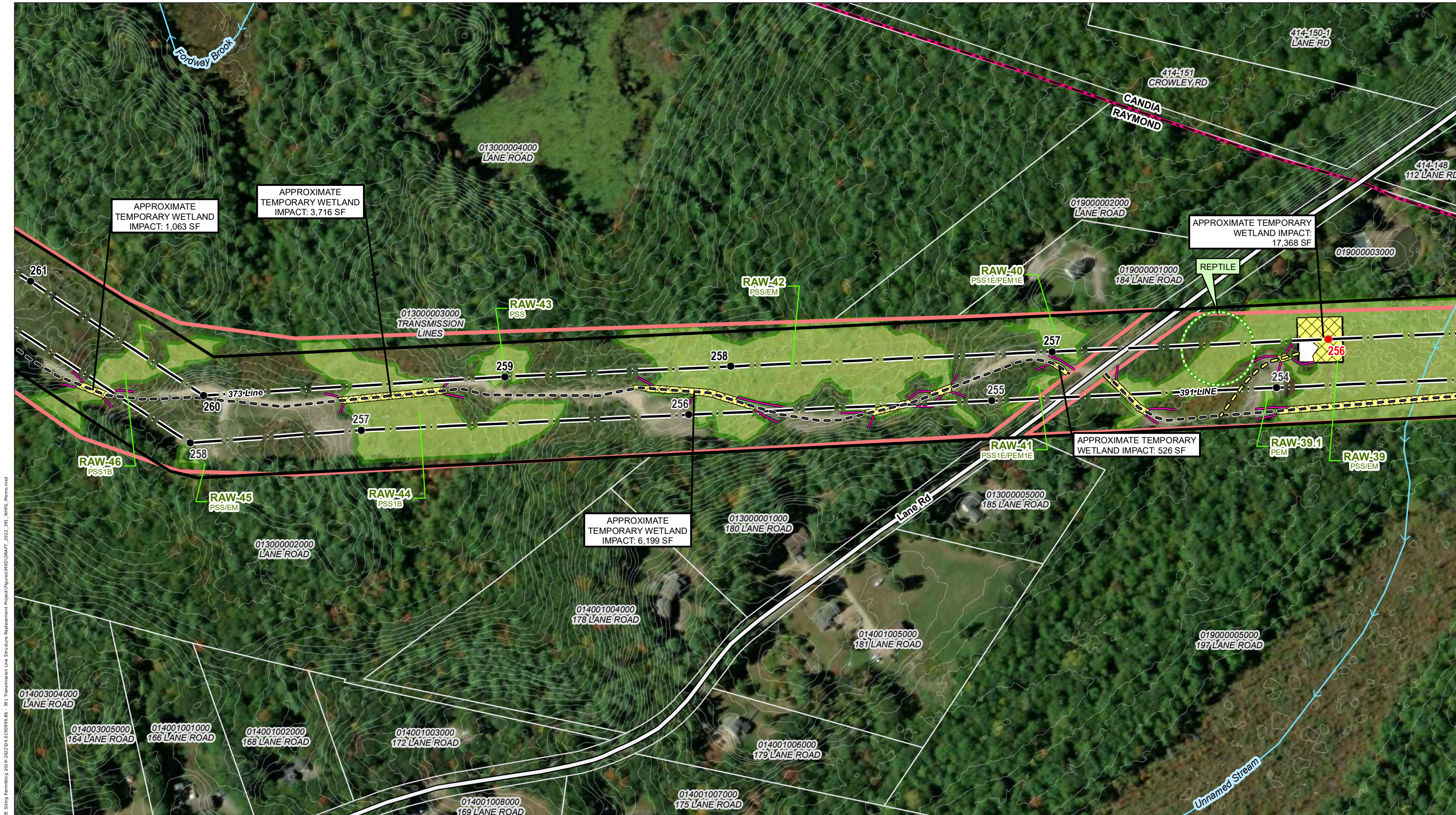




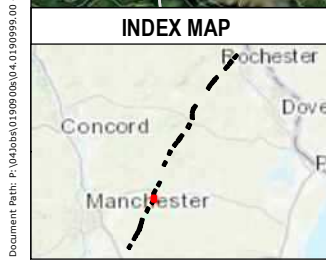








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|---|---|--|--|
| <ul style="list-style-type: none"> <li>● EXISTING STRUCTURE</li> <li>● PROPOSED STRUCTURE</li> <li>— TRANSMISSION LINE</li> <li>— APPROXIMATE ROW</li> <li>■ STONE WORK PAD</li> <li>■ CONFIRMED VERNAL POOL</li> <li>■ PARCEL BOUNDARY</li> <li>■ EVERSOURCE OWNED PARCEL</li> <li>■ STATE OWNED PARCEL</li> <li>■ STATE-LISTED SPECIES</li> </ul> | <ul style="list-style-type: none"> <li>— EROSION AND SEDIMENT CONTROL</li> <li>■ TEMPORARY WETLAND IMPACT</li> <li>■ UPLAND MATTING</li> <li>— EXISTING ACCESS</li> <li>— OFF-ROW ACCESS</li> <li>— PROPOSED ACCESS</li> <li>■ TEMPORARY WETLAND BUFFER IMPACTS</li> <li>— NHDOT ROADS</li> <li>— 2FT ELEVATION CONTOUR</li> <li>— TOWN BOUNDARY</li> </ul> | <ul style="list-style-type: none"> <li>— NHD FLOWLINES</li> <li>— INTERMITTENT STREAM CHANNEL BANK</li> <li>— PERENNIAL STREAM CHANNEL BANK</li> <li>■ POTENTIAL VERNAL POOL</li> <li>■ PEATLAND</li> <li>■ PRIME WETLAND</li> <li>■ TIER 3 FLOODPLAIN WETLAND</li> <li>■ WETLAND</li> </ul> | <ul style="list-style-type: none"> <li>— FENCE</li> <li>— ROCK WALL</li> </ul> |
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1 inch = 200 feet

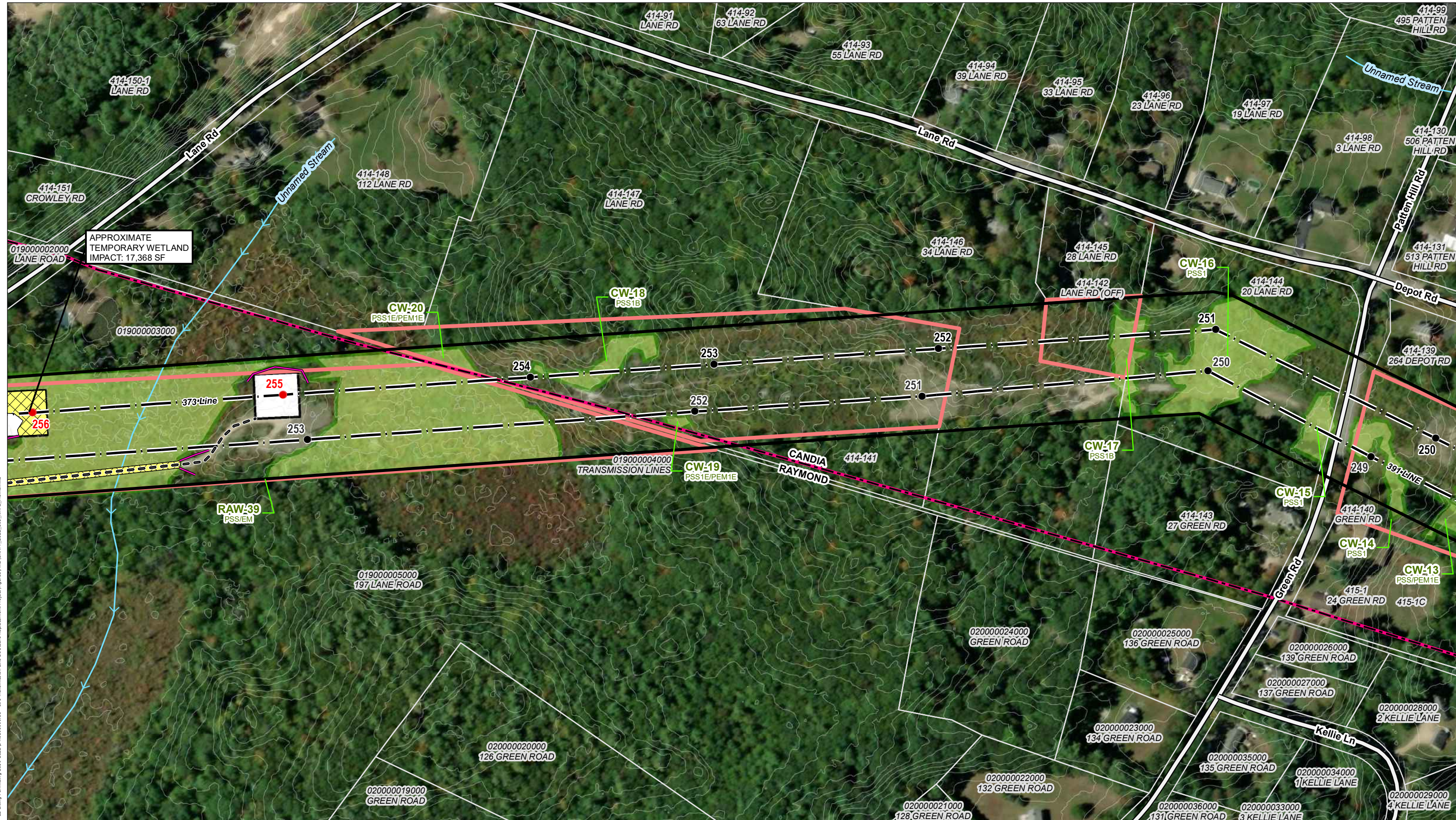
0 50 100 200 Feet

NO.	DATE	REVISIONS

**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

RAYMOND/CANDIA, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	
<b>10 OF 29</b>	



- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- TRANSMISSION LINE
- APPROXIMATE ROW
- STONE WORK PAD
- CONFIRMED VERNAL POOL
- PARCEL BOUNDARY
- EVERSOURCE OWNED PARCEL
- STATE OWNED PARCEL
- STATE-LISTED SPECIES
- EROSION AND SEDIMENT CONTROL
- TEMPORARY WETLAND IMPACT
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NO.	DATE	REVISIONS

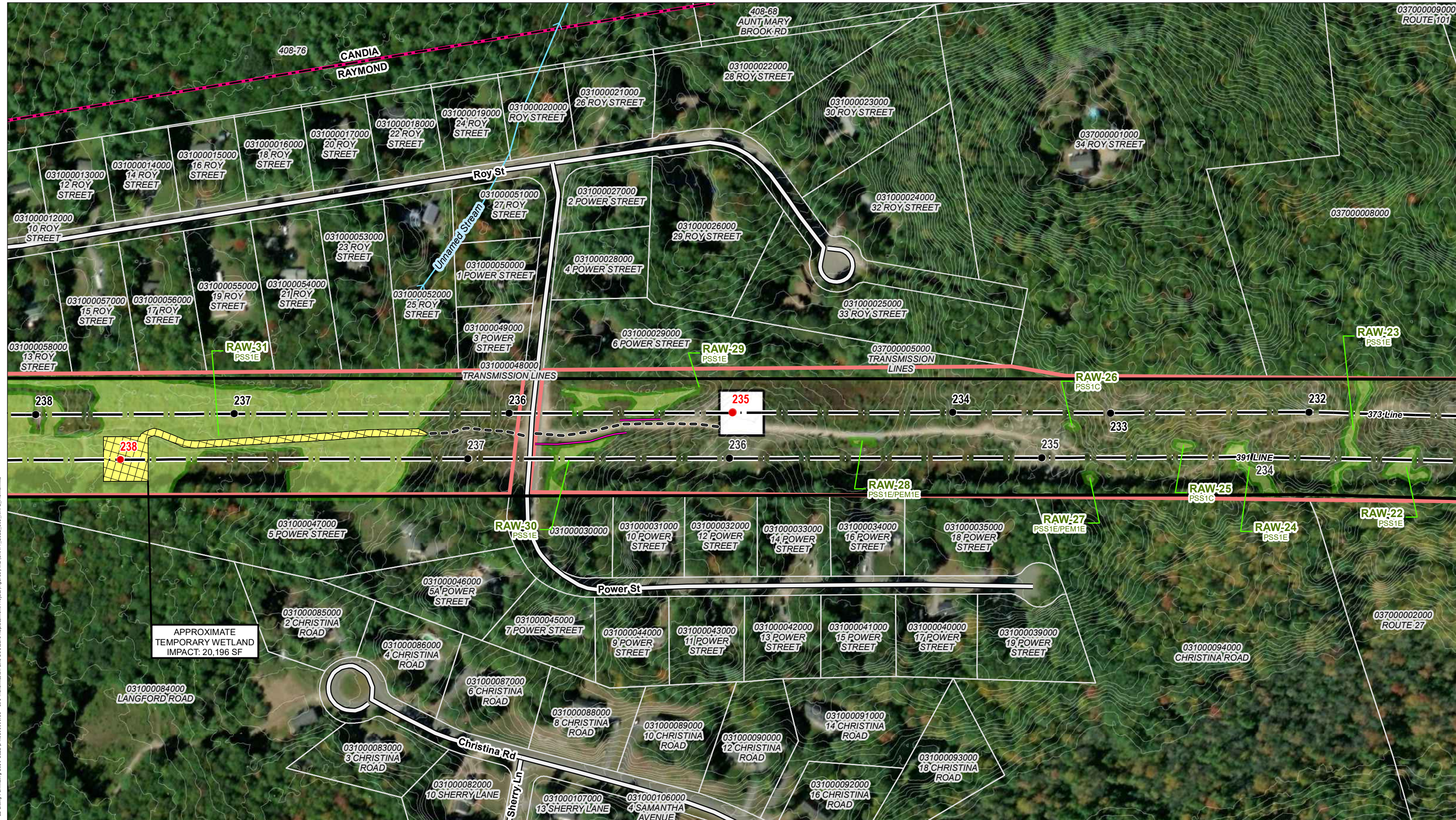
**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

RAYMOND/CANDIA, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	
<b>11 OF 29</b>	

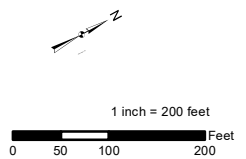
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- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- TRANSMISSION LINE
- APPROXIMATE ROW
- STONE WORK PAD
- CONFIRMED VERNAL POOL
- PARCEL BOUNDARY
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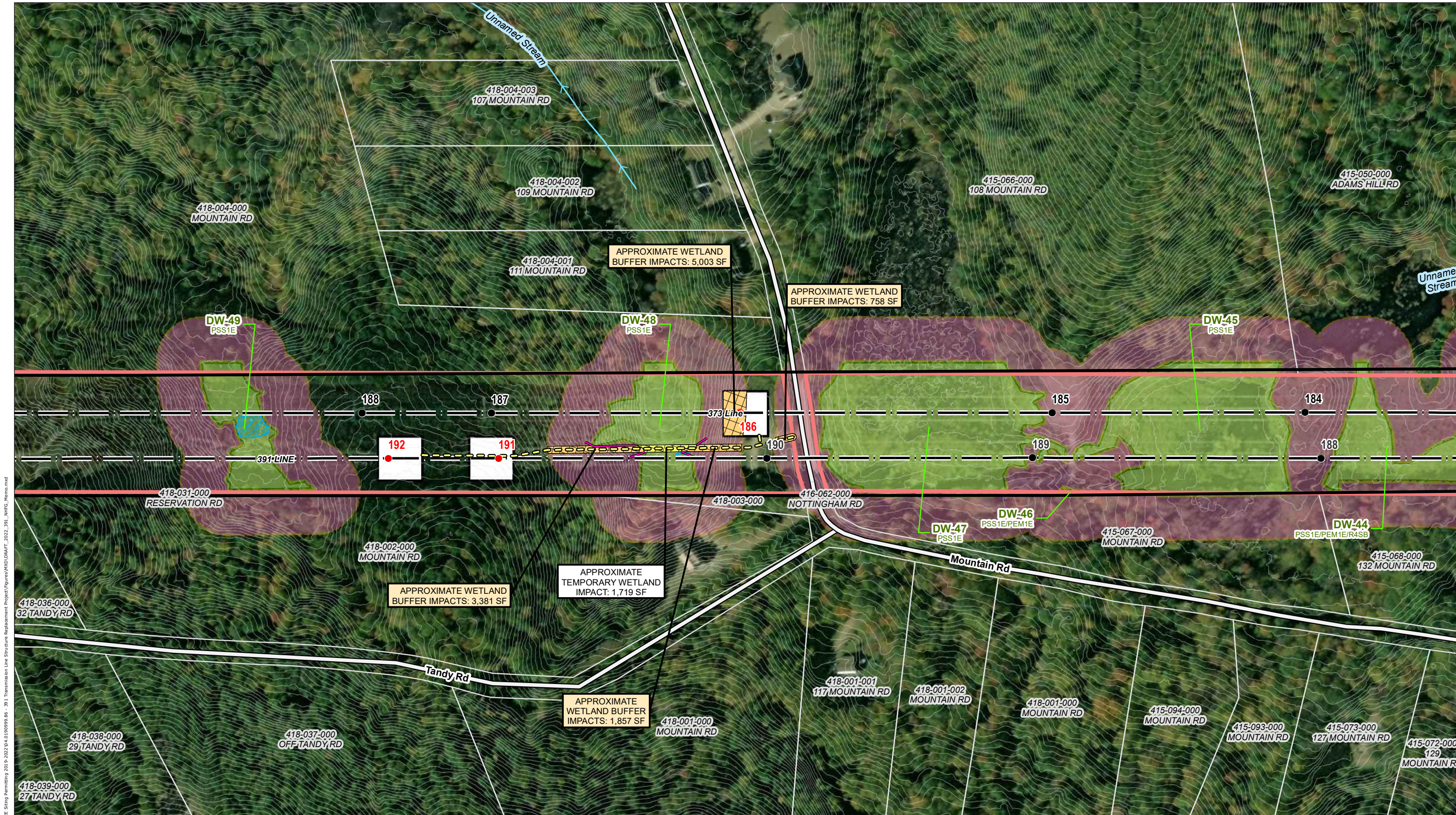
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**391, 385, 373 Transmission Line Structure Replacement Project**

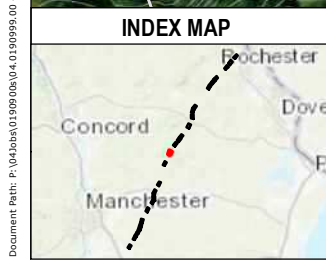
RAYMOND/CANDIA, NH	MAP SHEET
Date: May, 2022	
<b>13 OF 29</b>	

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|---|---|--|--|

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0 50 100 200 Feet

NO.	DATE	REVISIONS

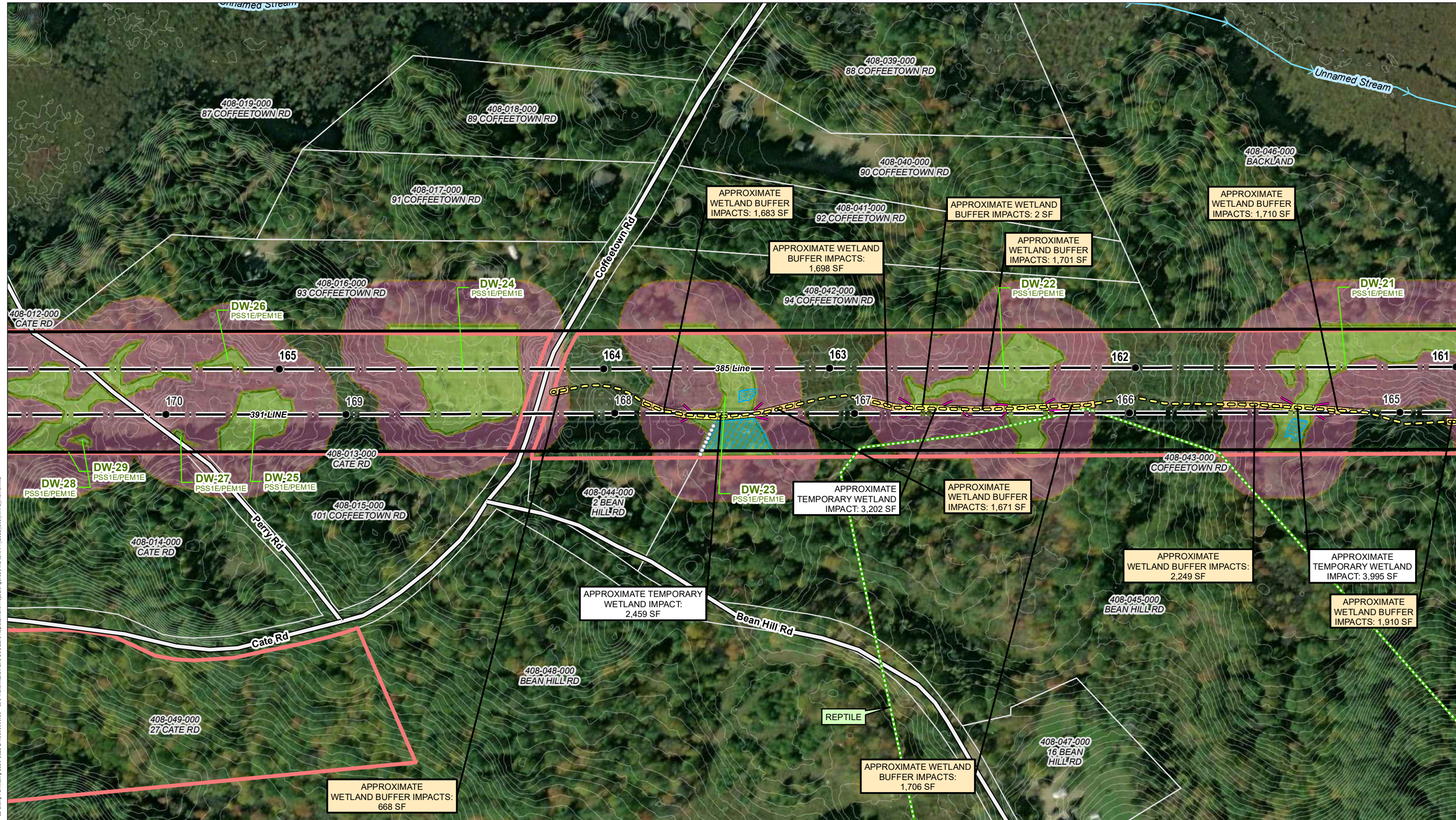
**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

DEERFIELD, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	<b>15 OF 29</b>







- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- TRANSMISSION LINE
- APPROXIMATE ROW
- STONE WORK PAD
- CONFIRMED VERNAL POOL
- PARCEL BOUNDARY
- EVERSOURCE OWNED PARCEL
- STATE OWNED PARCEL
- STATE-LISTED SPECIES
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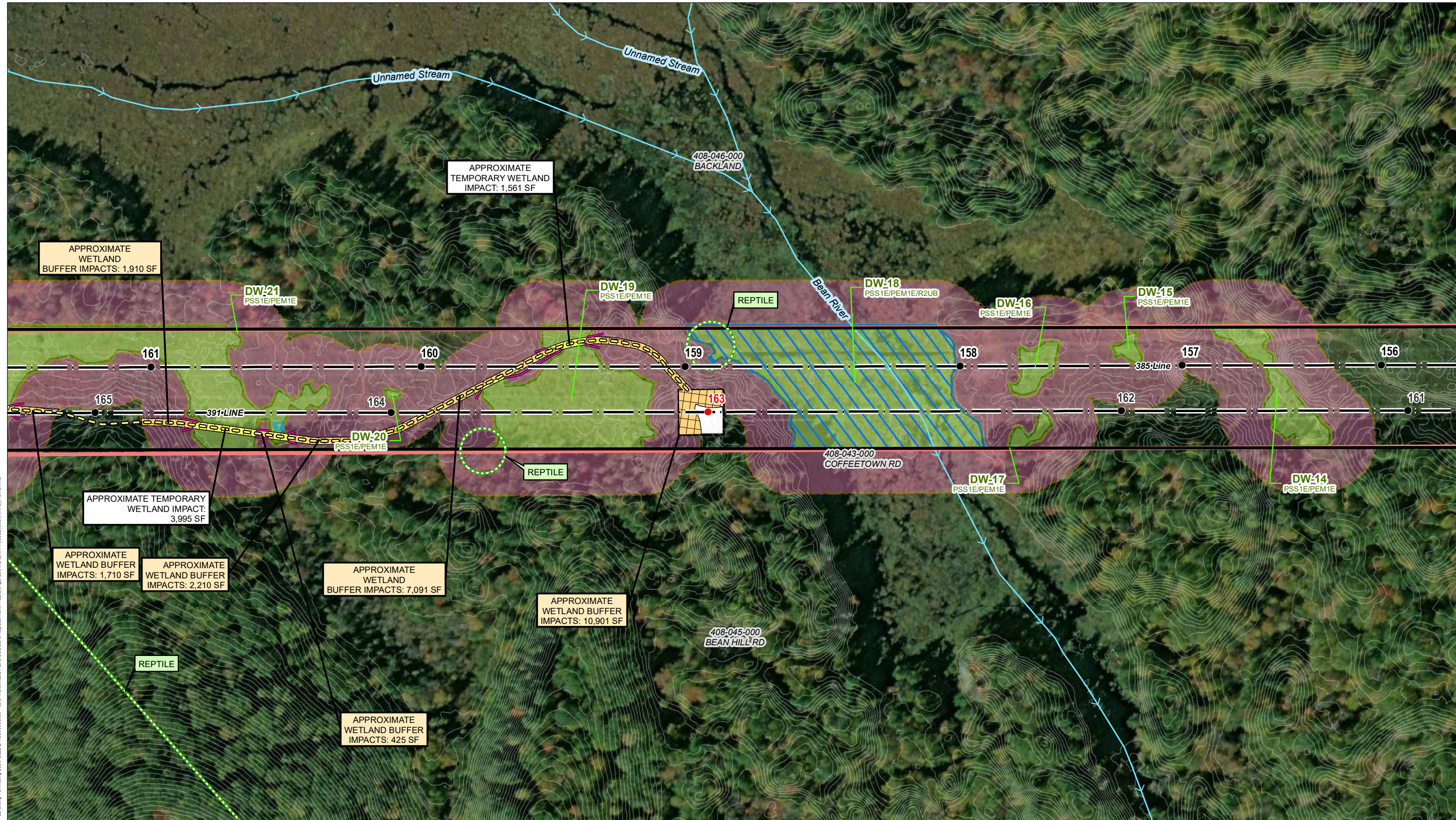
NO.	DATE	REVISIONS

**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

DEERFIELD, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	<b>17 OF 29</b>

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<ul style="list-style-type: none"> <li>● EXISTING STRUCTURE</li> <li>● PROPOSED STRUCTURE</li> <li>— TRANSMISSION LINE</li> <li>— APPROXIMATE ROW</li> <li>■ STONE WORK PAD</li> <li>■ CONFIRMED VERNAL POOL</li> <li>■ PARCEL BOUNDARY</li> <li>■ EVERSOURCE OWNED PARCEL</li> <li>■ STATE OWNED PARCEL</li> <li>■ STATE-LISTED SPECIES</li> </ul>	<ul style="list-style-type: none"> <li>— EROSION AND SEDIMENT CONTROL</li> <li>■ TEMPORARY WETLAND IMPACT</li> <li>■ UPLAND MATTING</li> <li>— EXISTING ACCESS</li> <li>— OFF-ROW ACCESS</li> <li>— PROPOSED ACCESS</li> <li>■ TEMPORARY WETLAND BUFFER IMPACTS</li> <li>— NHDOT ROADS</li> <li>— 2FT ELEVATION CONTOUR</li> <li>— TOWN BOUNDARY</li> </ul>	<ul style="list-style-type: none"> <li>— NHD FLOWLINES</li> <li>— INTERMITTENT STREAM CHANNEL BANK</li> <li>— PERENNIAL STREAM CHANNEL BANK</li> <li>■ POTENTIAL VERNAL POOL</li> <li>■ PEATLAND</li> <li>■ PRIME WETLAND</li> <li>■ TIER 3 FLOODPLAIN WETLAND</li> <li>■ WETLAND</li> </ul>	<ul style="list-style-type: none"> <li>×-× FENCE</li> <li>○-○ ROCK WALL</li> </ul>
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NO.	DATE	REVISIONS

**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

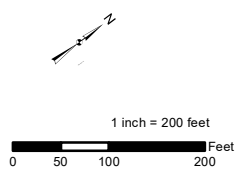
DEERFIELD, NH      MAP SHEET

Date: May, 2022

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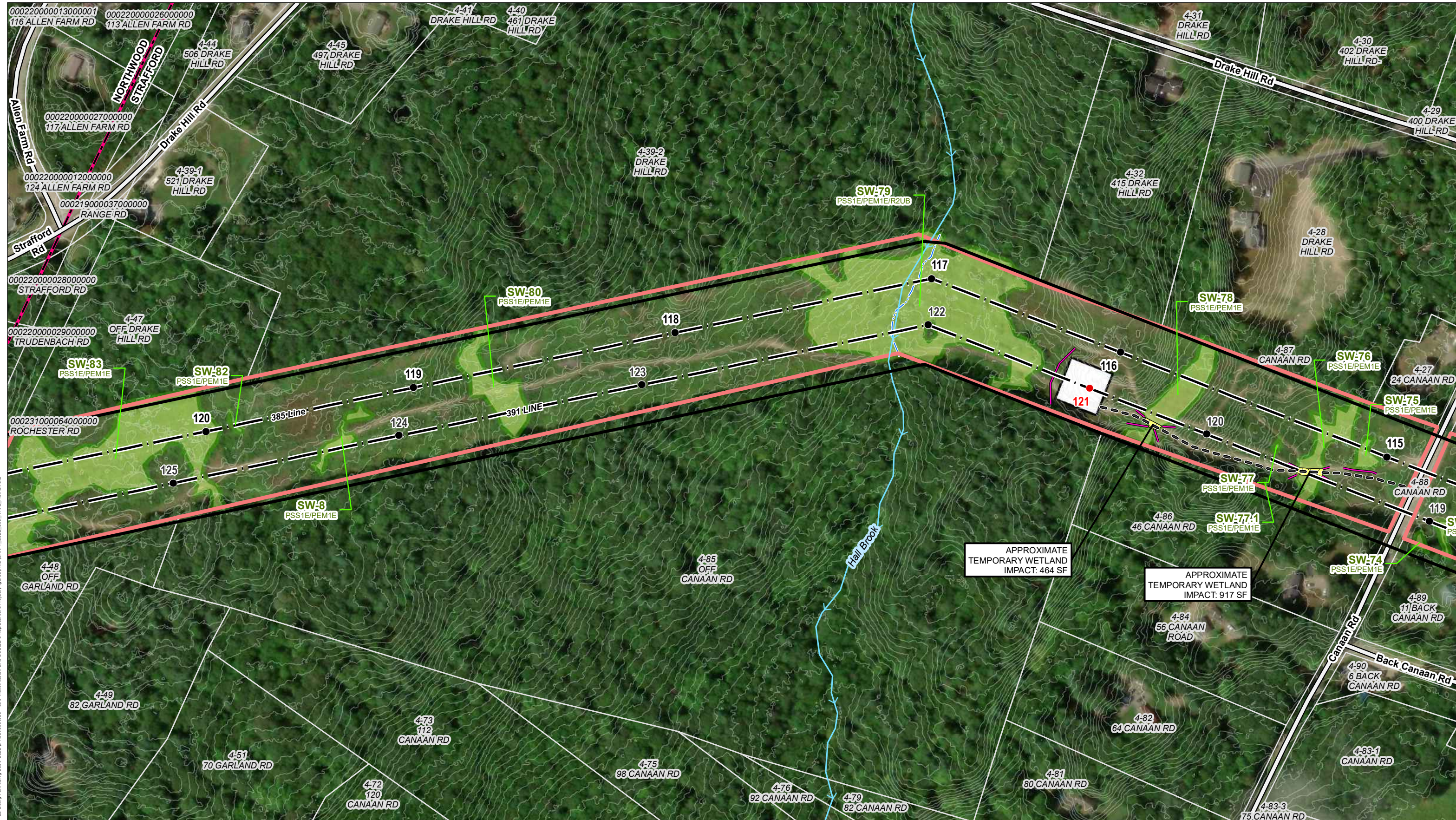
**18 OF 29**

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● EXISTING STRUCTURE	— EROSION AND SEDIMENT CONTROL	— NHD FLOWLINES	×-× FENCE
● PROPOSED STRUCTURE	■ TEMPORARY WETLAND IMPACT	— INTERMITTENT STREAM CHANNEL BANK	○-○ ROCK WALL
— TRANSMISSION LINE	■ UPLAND MATTING	— PERENNIAL STREAM CHANNEL BANK	
— APPROXIMATE ROW	— EXISTING ACCESS	■ POTENTIAL VERNAL POOL	
■ STONE WORK PAD	— OFF-ROW ACCESS	■ PEATLAND	
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■ PARCEL BOUNDARY	— TEMPORARY WETLAND BUFFER IMPACTS	■ PRIME WETLAND	
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■ STATE OWNED PARCEL	— 2FT ELEVATION CONTOUR	■ WETLAND	
■ STATE-LISTED SPECIES	— TOWN BOUNDARY		

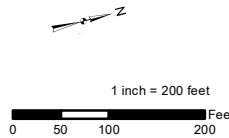
NO.	DATE	REVISIONS

**EVERSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

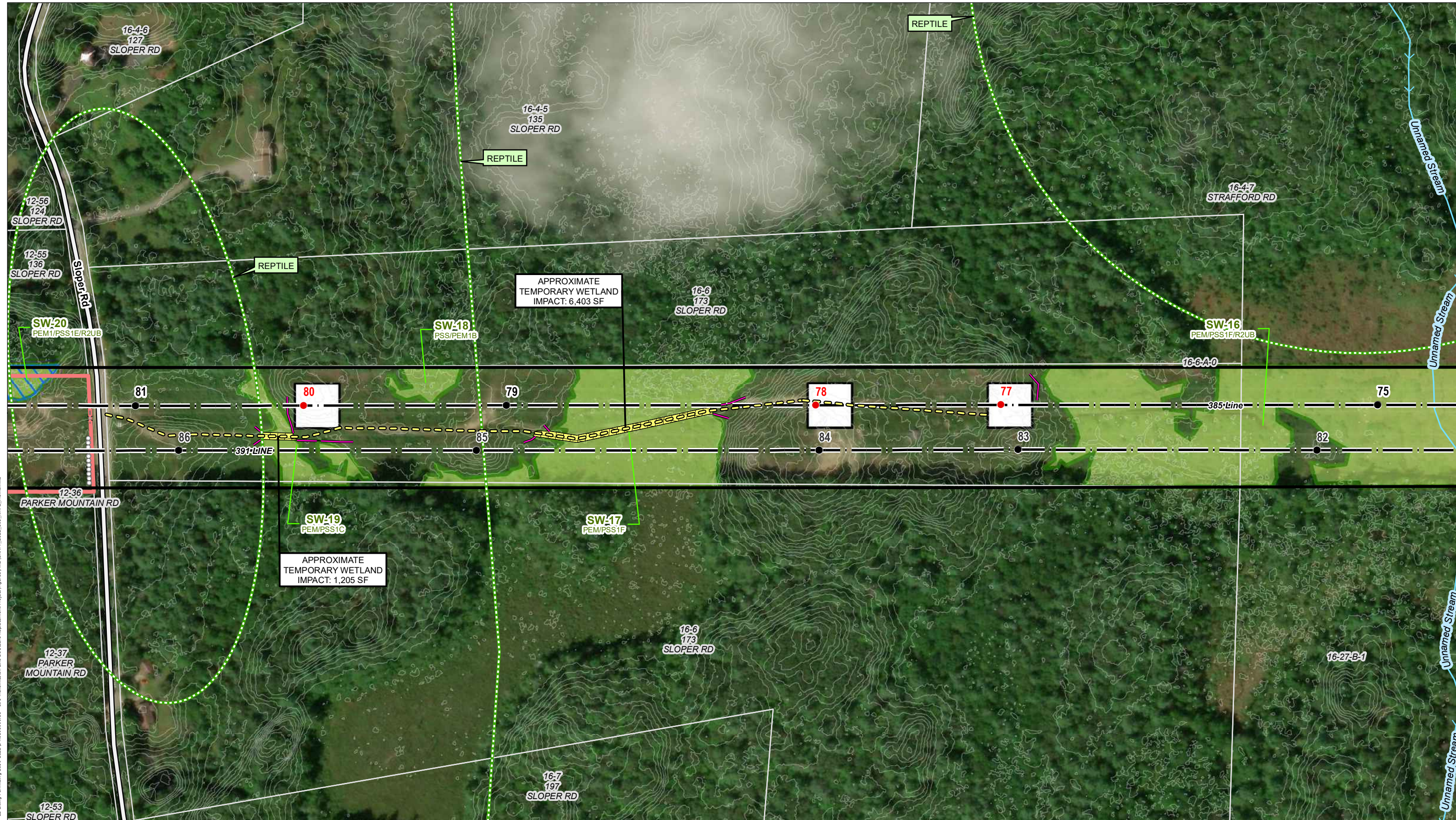
NORTHWOOD/STRAFFORD, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	<b>21 OF 29</b>

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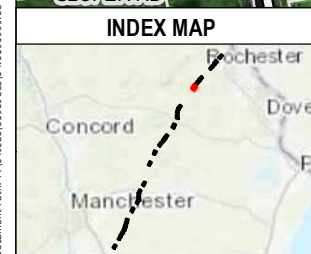


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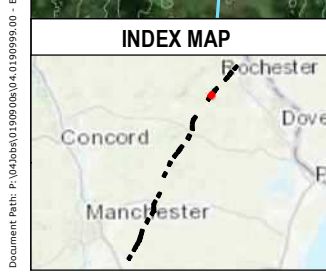
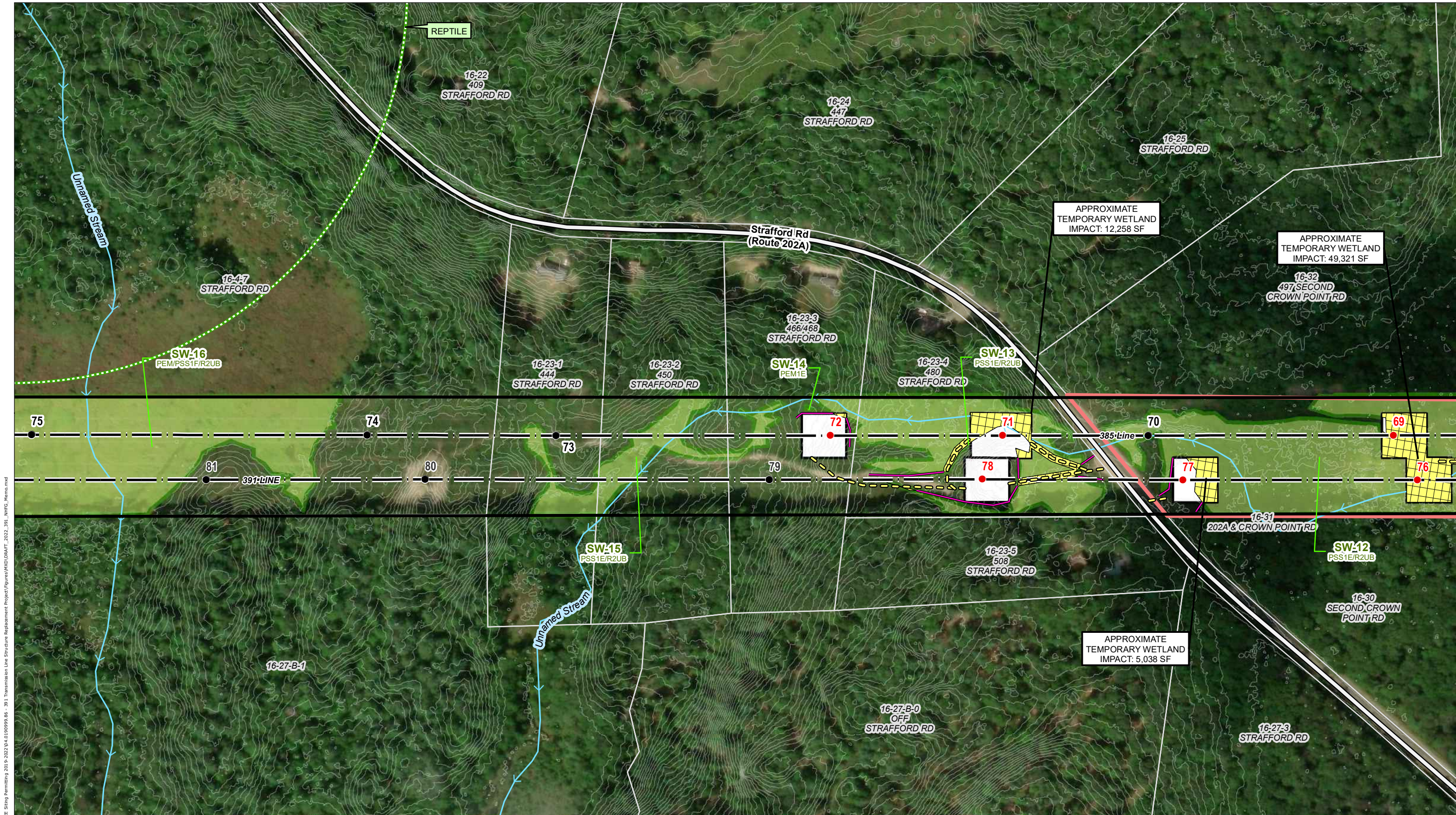
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 0 50 100 200 Feet

NO.	DATE	REVISIONS

**EVSOURCE ENERGY**  
**391, 385, 373 Transmission Line Structure Replacement Project**  
 STRAFFORD, NH      MAP SHEET  
 Date: May, 2022  
 04.0190999.86      **23 OF 29**





- EXISTING STRUCTURE
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- TRANSMISSION LINE
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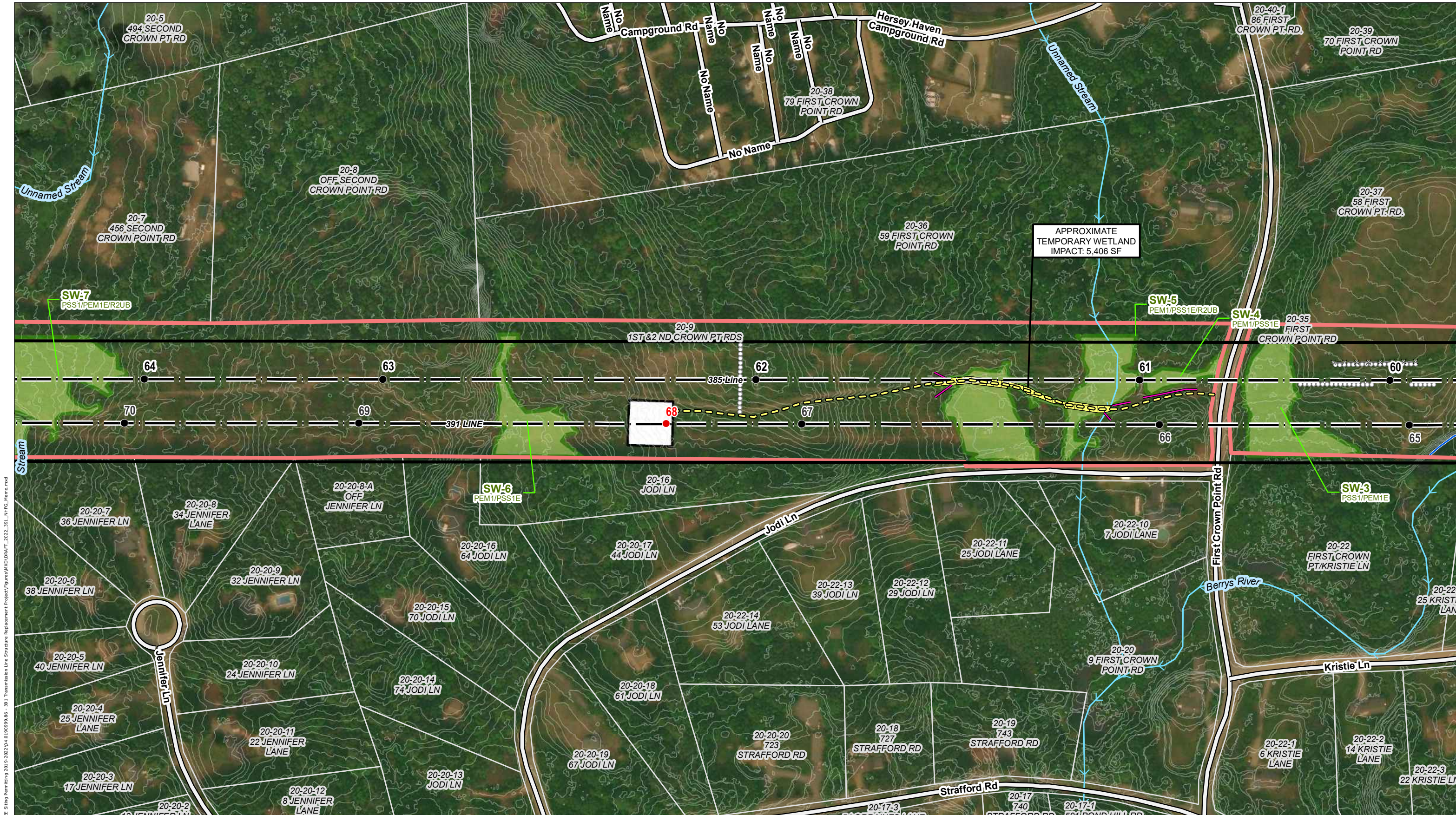
**EVSOURCE ENERGY**

**391, 385, 373 Transmission Line Structure Replacement Project**

STRAFFORD, NH	MAP SHEET
Date: May, 2022	
<b>24 OF 29</b>	

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- EXISTING STRUCTURE
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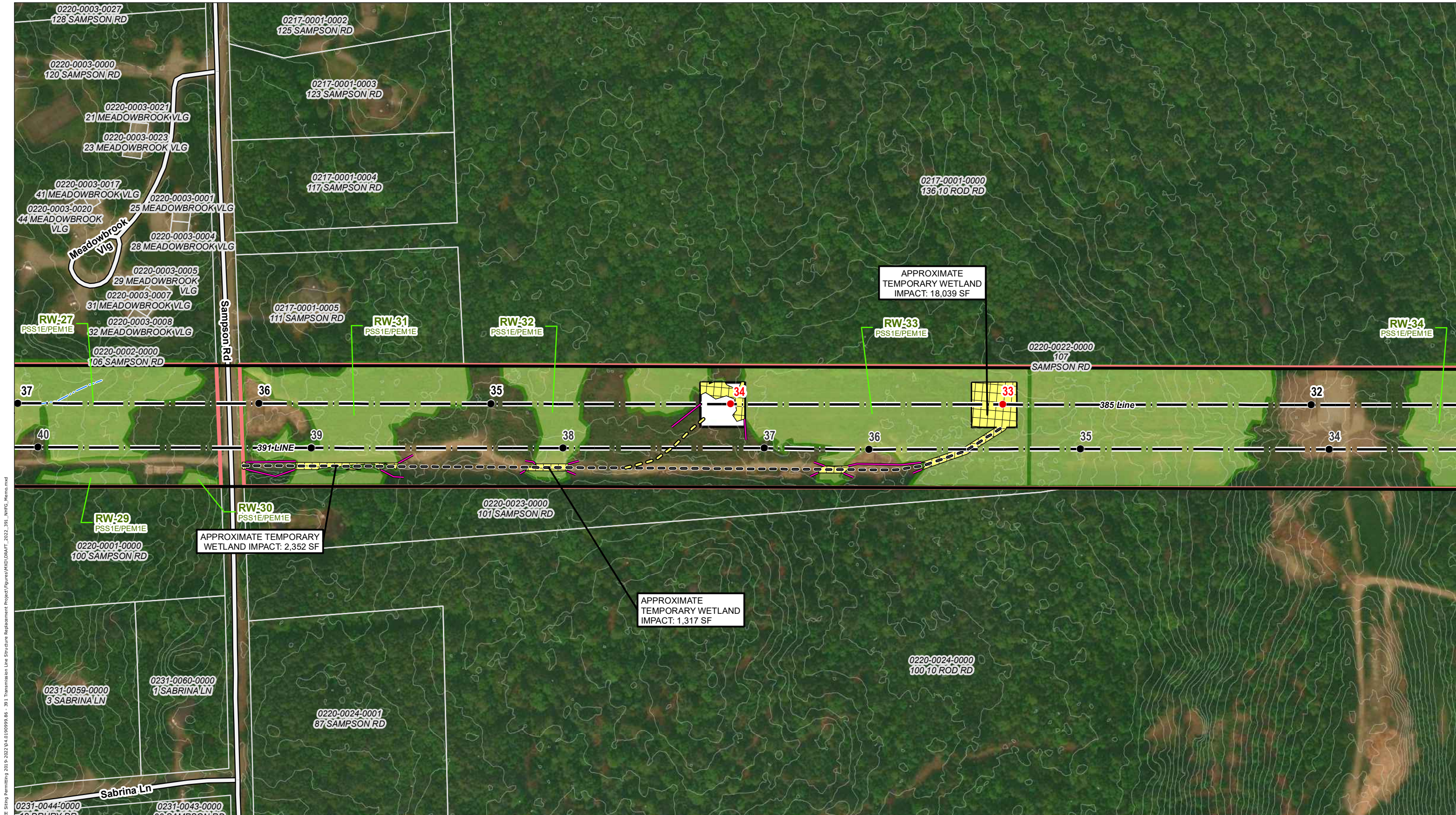
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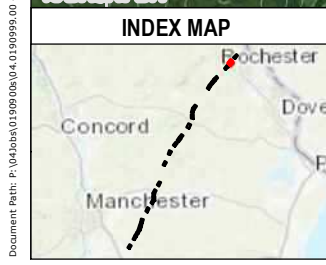
STRAFFORD, NH	MAP SHEET
Date: May, 2022	
04.0190999.86	<b>26 OF 29</b>

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**391, 385, 373 Transmission Line Structure Replacement Project**  
 ROCHESTER, NH      MAP SHEET  
 Date: May, 2022  
 04.0190999.86      **28 OF 29**



CONSTRUCTION SEQUENCE:

1. WETLAND BOUNDARIES TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION.
2. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAIL PROVIDED, AS NECESSARY, AND CONSISTENT WITH THE NHDES MARCH 2019 BMP MANUAL FOR UTILITY MAINTENANCE.
3. WETLAND IMPACTS ASSOCIATED WITH WETLAND CROSSINGS ARE REQUIRED FOR ACCESS BETWEEN STRUCTURES WITHIN THE RIGHT OF WAY.
4. ADEQUATE PRECAUTION SHALL BE EXERCISED TO AVOID SPILLAGE OF FUEL OILS, CHEMICALS, OR SIMILAR SUBSTANCES; NO FUELS, LUBRICANTS, CHEMICALS OR SIMILAR SUBSTANCES SHALL BE STORED BENEATH TREES OR IN THE VICINITY OF ANY WETLANDS, RIVER, STREAM OR OTHER BODY OF WATER; OR IN THE VICINITY OF NATURAL OR MAN-MADE CHANNELS LEADING THERETO. NO POWER EQUIPMENT SHALL BE STORED, MAINTAINED, OR FUELED IN ANY AREA ADJACENT TO A WETLAND, RIVER, STREAM OR OTHER BODY OF WATER.
5. REMOVE COMPLETELY ALL CONTAMINATION FROM ANY SPILLAGE OF CHEMICALS OR PETROLEUM PRODUCT WITH COMPLETE REHABILITATION OF THE AFFECTED AREA.
6. ACCESS ROUTES HAVE BEEN SELECTED TO PREVENT DEGRADATION OF THE RIGHT-OF-WAY AND MINIMIZE ENVIRONMENTAL IMPACT. OPERATIONS SHALL BE CONFINED TO THE SPECIFIED ACCESS ROUTES WITHIN THE PROPOSED WETLAND IMPACT AREA. ACCESS ROUTES SHALL NOT EXCEED A 16 FOOT-WIDTH.
7. IMPACT TO VEGETATION WITHIN WETLANDS WILL BE LIMITED TO THE EXTENT NECESSARY TO PLACE THE SWAMP MATS WHERE REQUIRED.
8. LOW GROWING VARIETIES OF VEGETATION ADJACENT TO WETLANDS SHALL BE PRESERVED TO THE EXTENT POSSIBLE. STUMPS AND ROCKS SHALL NOT BE REMOVED, AND THERE SHALL BE NO EXCAVATIONS, FILLS OR GRADING DONE ADJACENT TO WETLANDS, UNLESS MINOR EXCAVATIONS IS NEEDED FOR ACCESS.
9. TIMBER MATS AND PERIMETER CONTROLS WILL BE USED ALONG ACCESS ROUTES AND WORK PADS WITHIN WETLAND AREAS. THESE MATS ARE CONSTRUCTED OF HEAVY TIMBERS OR COMPOSITE MATERIAL, BOLTED TOGETHER, AND ARE PLACED END-TO-END IN THE WETLAND TO SUPPORT HEAVY EQUIPMENT. ALL SWAMP MATS SHALL BE PLACED AND REMOVED SO AS NOT TO CAUSE ANY RUTS, CHANNELS OR DEPRESSIONS, OR OTHERWISE CAUSE ANY UNDUE DISTURBANCE TO WETLANDS.
10. IF TIMBER MAT BMP IS NOT SUFFICIENT DUE TO HIGH WATER, ADDITIONAL BMP'S MAY INCLUDE THE PLACEMENT OF GEOTEXTILE FABRIC, 3"-4" STONE, AND GRAVEL TO PROVIDE A SUITABLE ROAD BED. A TEMPORARY CULVERT MAY BE REQUIRED IN AREAS OF HIGH FLOW TO MAINTAIN HYDROLOGIC CONNECTIVITY. ALL MATERIAL WILL BE REMOVED FROM JURISDICTIONAL AREAS AFTER CONSTRUCTION COMPLETION.
11. NO MATERIAL SHALL BE PLACED IN ANY LOCATION OR IN ANY MANNER SO AS TO IMPAIR SURFACE WATER FLOW INTO, THROUGH OR OUT OF ANY WETLAND AREA. NO INSTALLATION SHALL CREATE AN IMPOUNDMENT THAT WILL IMPEDE THE FLOW OF WATER OR CAUSE FLOODING.
12. NO MATERIAL SHALL BE TAKEN FROM THE WETLANDS AREA EXCEPT THAT WHICH MUST NECESSARILY BE REMOVED FOR THE STRUCTURE OR FOUNDATION PLACEMENT OR STABILIZATION. ALL EXCESS MATERIAL TAKEN FROM THE WETLAND WILL BE REMOVED FROM THE SITE.
13. ANY PROPOSED SUPPORT FILLS SHALL BE CLEAN GRAVEL AND STONE, FREE OF WASTE METAL PRODUCTS, ORGANIC MATERIALS AND SIMILAR DEBRIS AND SHALL NOT EXCEED THE AMOUNT PERMITTED. THIS ALLOWABLE FILL IS THE ONLY FILL THAT MAY REMAIN IN THE WETLAND AFTER CONSTRUCTION. ALL CUT AND FILLS SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
14. INSTALL NEW POLES IN THE LOCATIONS DESIGNATED ON THE PERMITTING PLANS.
15. CABLE INSTALLATION WILL BE PERFORMED IN A MANNER SO AS TO AVOID, OR LIMIT TO THE MAXIMUM EXTENT POSSIBLE, TRAVERSING WETLANDS WITH HEAVY EQUIPMENT. IN SOME CASES, A HELICOPTER MAY BE USED DURING THE INSTALLATION TO MINIMIZE IMPACTS.
16. REMOVAL OF THE OLD POLE WILL OCCUR ONCE THE CABLE HAS BEEN INSTALLED ON THE NEW STRUCTURE. THE OLD STRUCTURES WILL BE REMOVED FROM THE SITE. POLES WILL BE CUT AT THE GROUND SURFACE. FOOTINGS WILL BE ABANDONED IN PLACE TO MINIMIZE IMPACTS.
17. ALL TIMBER MATS, MATERIAL, AND DEBRIS WILL BE REMOVED FROM THE WORK AREA UPON THE COMPLETION OF CONSTRUCTION.
18. UPLAND DISTURBED AREAS SHALL BE RESTORED AND STABILIZED UPON COMPLETION OF CONSTRUCTION. WORK PAD RESTORATION SHOULD INCLUDE REDUCING THE WORK PAD TO A 30 BY 60 FOOT AREA, AND REDUCING SLOPES TO A MAXIMUM OF 25%. STOCKPILED MATERIAL SHOULD BE SPREAD TO REDUCE ANY UNNECESSARY SLOPES. GRAVEL WORK PADS AND SLOPES SHOULD BE SCARIFIED TO A MINIMUM OF 3" BEFORE SPREADING TOPSOIL/LOAM.
19. ALL TEMPORARY WETLAND IMPACTS WILL BE RE-GRADED TO ORIGINAL CONTOURS FOLLOWING CONSTRUCTION. NEW ENGLAND EROSION CONTROL/RESTORATION MIX, AVAILABLE THROUGH NEW ENGLAND WETLAND PLANTS, INC., 820 WEST STREET, AMHERST, MA 01002, 413-548-8000, OR EQUIVALENT SEED MIX SHALL BE APPLIED IN WETLAND AREAS THAT ARE NOT INUNDATED, AS NECESSARY.
20. MULCH USED FOR STABILIZATION SHALL CONSIST OF SEEDLESS STRAW.
21. SEDIMENT AND EROSION CONTROL MEASURES WILL BE EVALUATED AND REMOVED IF NECESSARY UPON THE COMPLETION OF CONSTRUCTION.
22. COMMERCIAL LOAM WILL NOT BE USED AS PART OF RESTORATION. ONLY IN-SITU TOPSOIL WILL BE USED TO RESTORE DISTURBED AREAS.
23. WHERE OPTIMAL TURTLE BREEDING AREAS OVERLAP WITH DISTURBANCE (AS DETERMINED BY AN ENVIRONMENTAL MONITOR), MINERAL SOILS WILL BE SCARIFIED TO ALLEVIATE COMPACTION AND BECOME MORE SUITED FOR TURTLE BREEDING.
24. NATURALLY VEGETATED LOCAL WETLAND BUFFER AREAS OUTSIDE OF EXISTING TRAILS MUST BE RESTORED UPON COMPLETION OF WORK.

WINTER CONSTRUCTION NOTES

1. PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED. STABILIZATION METHODS SHALL INCLUDE SEEDING AND MULCH, AND INSTALLATION OF EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
2. DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE TEMPORARILY STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.

3. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL (NHDOT 304.3).

GENERAL NOTES:

OWNER: EVERSOURCE ENERGY  
13 LEGENDS DRIVE  
HOOKSETT, NH 03106

1. BASE PLAN PROVIDED BY EVERSOURCE ENERGY. EVERSOURCE ENERGY PROVIDED THE WETLAND DATA. EVERSOURCE ENERGY PROVIDED THE UTILITY DESIGN.
2. JURISDICTIONAL WETLANDS WERE DELINEATED BY TIGHE AND BOND IN 2018, IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS' "WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1," AND REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH CENTRAL AND NORTHEAST REGION," JANUARY 2012. WETLANDS WILL BE REVIEWED BY GZA GEOENVIRONMENTAL, INC. PRIOR TO START OF WORK.
3. GZA WILL EVALUATED WETLANDS AS POTENTIAL VERNAL POOLS IN 2022 IN ACCORDANCE WITH "IDENTIFICATION AND DOCUMENTATION OF VERNAL POOLS IN NEW HAMPSHIRE," 1997, NEW HAMPSHIRE FISH AND GAME DEPARTMENT, NONGAME AND ENDANGERED WILDLIFE PROGRAM.
4. GZA WILL COMPLETED WETLANDS FUNCTION AND VALUES ASSESSMENT IN 2022 IN ACCORDANCE WITH THE ACOE'S "HIGHWAY METHODOLOGY WORKBOOK SUPPLEMENT," SEPTEMBER 1999.
5. SITE PLAN IS FOR PERMITTING PURPOSES ONLY AND DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY.
6. THE PROJECT WILL BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
7. IN ACCORANCE WITH ENV-WQ 1505.02, THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
  - A MINIMUM 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL HAS BEEN INSTALLED
  - OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

NEW HAMPSHIRE FISH AND GAME AOT PERMIT CONDITIONS RELATED TO THREATENED AND ENDANGERED SPECIES

1. IF SPOTTED, WOOD, OR BLANDING'S TURTLES ARE FOUND LAYING EGGS IN A WORK AREA, PLEASE CONTACT MELISSA WINTERS (603-479-1129) OR JOSH MEGYESY (CELL 978-578-0802) FOR FURTHER INSTRUCTIONS.
2. PRIOR TO DAILY CONSTRUCTION ACTIVITIES, TIMBER MATTING SHALL BE REVIEWED FOR SNAKES AND TURTLES. GZA WILL PROVIDE AN ENVIRONMENTAL ADDENDUM TO THE DAILY TAILBOARDS BY THE CONTRACTORS TO INCLUDE GUIDANCE ON PROTOCOLS FOR SNAKES AND PROVIDE IDENTIFICATION FOR SPOTTED TURTLES, BLANDING'S TURTLE AND EASTERN HOGNOSE SNAKE.
3. OBSERVED SNAKES AND TURTLES SHALL BE MOVED OFF CONSTRUCTION ACCESS ROADS TO LIMIT AND PREVENT MORTALITY TO SNAKES AND TURTLES DURING CONSTRUCTION.
4. EROSION CONTROL MATTING, IF UTILIZED, SHALL CONSIST OF JUTE MATTING. MATTING WITH PLASTIC MESH SHALL BE AVOIDED TO LIMIT THE UNINTENTIONAL MORTALITY TO SNAKES.
5. AT THE CONCLUSION OF THE PROJECT, A SUMMARY REPORT OF ANY RARE SPECIES OBSERVATIONS SHALL BE PROVIDED TO THE NHFG NONGAME PROGRAM.
6. IMPACTS TO VERNAL POOLS AND POTENTIAL VERNAL POOLS SHALL BE AVOIDED.
7. ANY MORTALITY TO LISTED SPECIES SHALL BE IMMEDIATELY REPORTED TO THE NHFG NONGAME PROGRAM AND WILL BE DOCUMENTED, PHOTOGRAPHED, COLLECTED AND PRESERVED.
8. ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, EXCEPT FOR SILT FENCE INSTALLED IN ACCORDANCE WITH ENV-WQ 1506.04, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN WELDED PLASTIC, PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH. SEE PLAN SHEET(S) 2 AND 3 FOR SPECS.
9. ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED IMMEDIATELY TO THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2461 AND BY EMAIL AT NHFGREVIEW@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE: NHB21-3643, NHB21-3644, NHB21-3645. A152 TRANSMISSION LINE STRUCTURE REPLACEMENT PROJECT, WILDLIFE SPECIES OBSERVATION. PHOTOGRAPHS SHALL BE PROVIDED FOR VERIFICATION AS FEASIBLE.
10. THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.
11. ALL OBSERVATIONS OF EASTERN HOGNOSE SNAKE SEEN AT ANY TIME MUST BE IMMEDIATELY REPORTED TO THE NHFG DEPARTMENT (MELISSA WINTERS 603-479-1129) OR BRENDAN CLIFFORD (603-944-0885) FOR FURTHER INSTRUCTIONS. PLEASE ATTEMPT TO PHOTOGRAPH THIS SPECIES TO SEND FOR VERIFICATION.

EROSION CONTROL NOTES:

1. INSTALLATION OF EROSION CONTROL GRINDINGS AND/OR SILT FENCES SHALL BE COMPLETE PRIOR TO THE START OF WORK IN ANY GIVEN AREA. EROSION CONTROLS SHALL BE USED DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATION COVER. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER .25" OR GREATER RAINFALL EVENTS.
2. AS REQUIRED, CONSTRUCT TEMPORARY BERMS, SILTATION FENCES, SEDIMENT TRAPS, ETC. TO PREVENT EROSION & SEDIMENTATION OF WETLANDS.
3. THE WORK AREA SHALL BE GRADED AND OTHERWISE SHAPED IN SUCH A MANNER AS TO MINIMIZE SOIL EROSION, SILTATION OF DRAINAGE CHANNELS, DAMAGE TO EXISTING VEGETATION, AND DAMAGE TO PROPERTY OUTSIDE LIMITS OF THE WORK AREA. EROSION CONTROL GRINDINGS WILL BE NECESSARY TO ACCOMPLISH THIS END.
4. ANY STRIPPED TOPSOIL SHALL BE STOCKPILED, WITHOUT COMPACTION, AND STABILIZED WITH BMPS.
5. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS, PLANT ANNUAL RYEGRASS PRIOR TO OCTOBER 15TH.
6. EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF-INCH OF RAINFALL.
7. EROSION CONTROL MATTING, IF REQUIRED, WILL CONSIST OF JUTE MATTING. MATTING WITH WELDED PLASTIC OR 'BIODEGRADABLE PLASTIC' NETTING OR THREAD WILL BE AVOIDED TO LIMIT UNINTENTIONAL MORTALITY TO SNAKES.

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**391, 385, 373 TRANSMISSION LINE  
STRUCTURE REPLACEMENT PROJECT**  
AUBURN, CANDIA, CHESTER, DEERFIELD, DERRY, NORTHWOOD,  
RAYMOND, ROCHESTER AND STRAFFORD  
NEW HAMPSHIRE

**NOTES**

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: 	
PROJ MGR: LEW	REVIEWED BY: TLT	CHECKED BY: DMZ	SHEET <b>1</b> 1 OF 2
DESIGNED BY: MJD	DRAWN BY: MJD	SCALE:	
DATE: 05/18/2022	PROJECT NO. 04.0190999.86	REVISION NO.	

### Best Management Practices (BMP's) for Straw wattles

#### Definition and purpose:

Straw wattles are burlap rolls filled with straw that trap sediment and interrupt water flow by reducing slope lengths.

#### Applications:

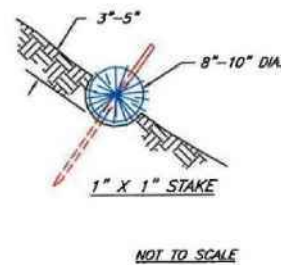
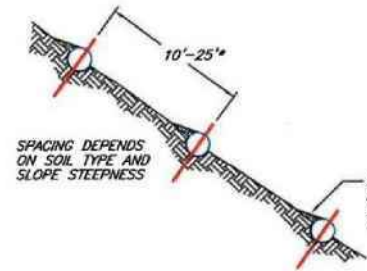
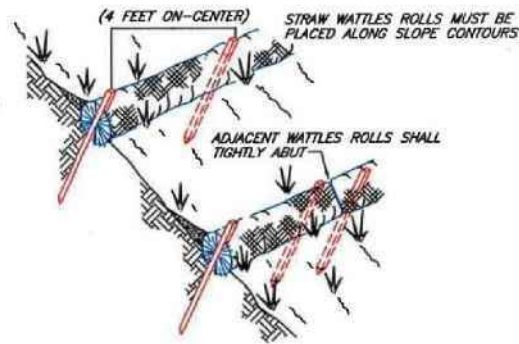
- \* Along erodible or unstabilized slopes
- \* Spread overland waterflow
- \* Trap sediment
- \* Around storm drain inlets to slow water and settle out sediment
- \* Overlap ends approximately 6 inches

#### Installation:

Straw wattles are installed parallel to slope contours and perpendicular to sheet flow.

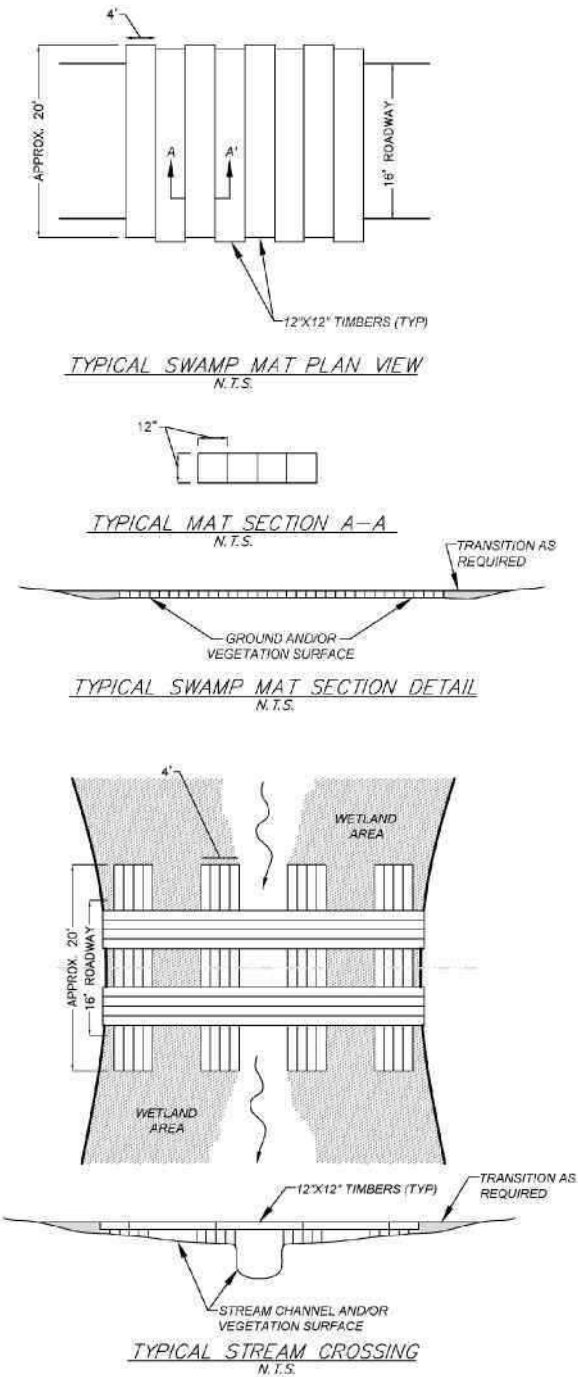
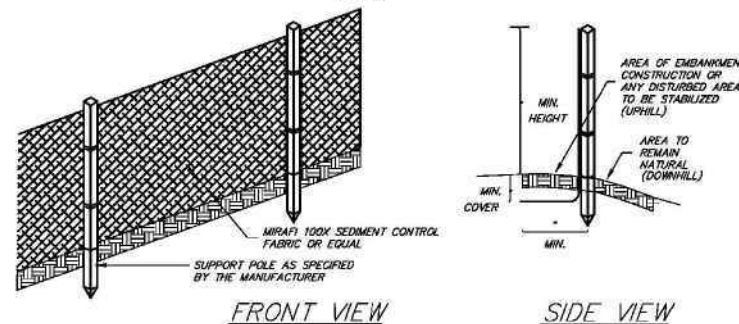
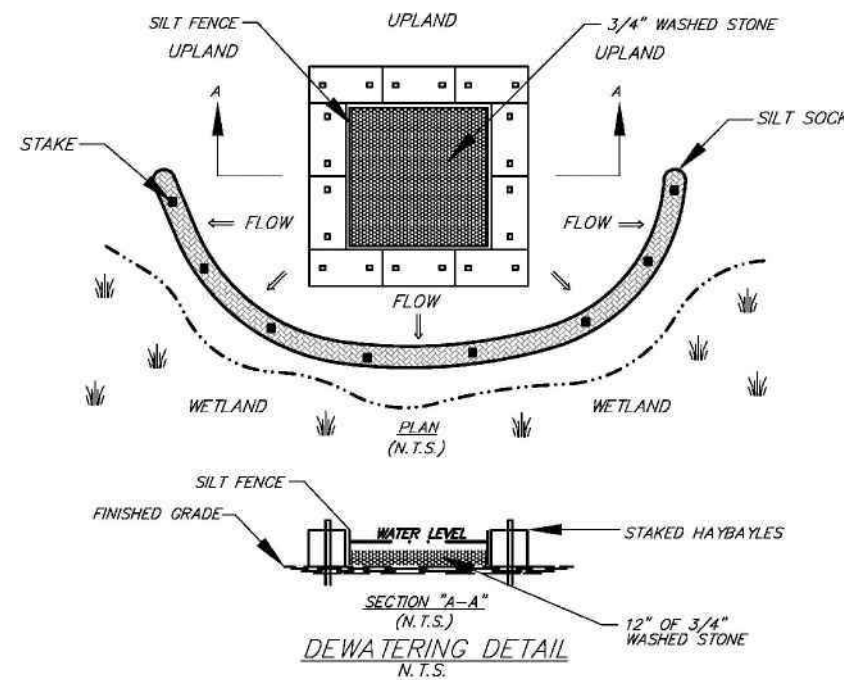
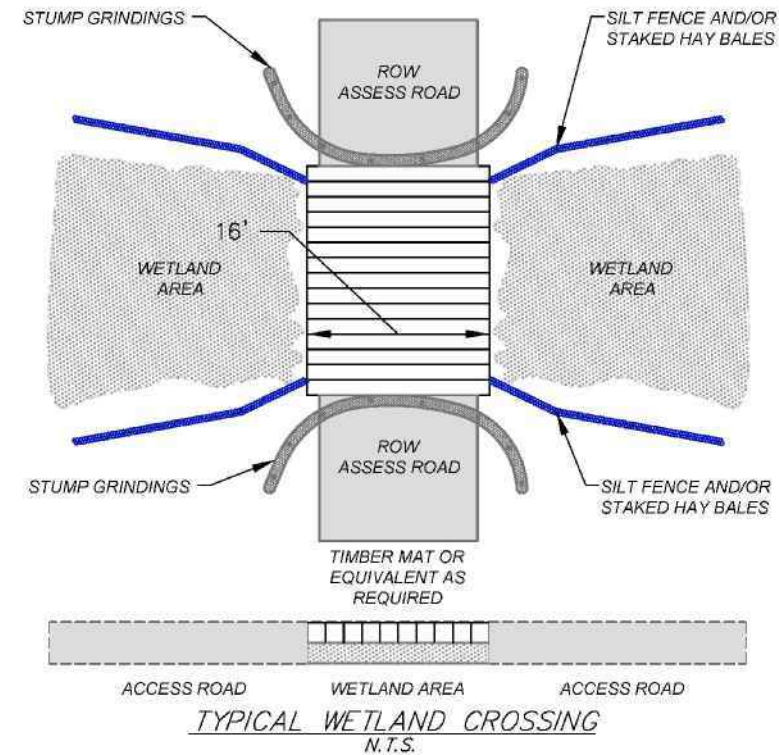
Spacing\* - Dependent on slope length, soil steepness and soil type (general range 10 - 25').

Trenching - 2"-5" inch trench  
Stacking - at each end and four foot on center (i.e. 25 foot wattle uses 6 stacks)



#### NOTES (SILT FENCE)

1. THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES.
2. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATIONS.
3. POSTS SHALL BE PLACED AT A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL BE AS MANUFACTURER RECOMMENDS.
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE OF THE BARRIER IN ACCORDANCE WITH RECOMMENDATIONS
5. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE, AND WILL EXTEND A MINIMUM OF 8 INCHES INTO THE TRENCH. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
6. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
7. FABRIC BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
8. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST ONCE DAILY DURING PROLONGED RAINFALL AND ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
10. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
11. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.



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391, 385, 373 TRANSMISSION LINE  
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#### DETAILS

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: <b>EVERSOURCE</b> ENERGY	
PROJ MGR: LEW	DESIGNED BY: MJD	REVIEWED BY: TLT	CHECKED BY: DMZ
DATE: 3/17/22	PROJECT NO: 04.0190999.86	DRAWN BY: MJD	SCALE: NTS
		REVISION NO.	
			SHEET <b>2</b>



# Redaction Log

Total Number of Redactions in Document: 119

## Redaction Reasons by Page

Page	Reason	Description	Occurrences
13	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
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34	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
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39	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
40	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
41	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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42	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
43	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
44	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
45	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
47	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
48	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
49	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
50	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
51	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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52	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
53	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
54	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
55	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
56	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
57	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
58	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
59	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
60	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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61	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
62	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
63	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
64	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
65	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
66	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
69	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
70	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
71	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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72	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
73	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
74	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
75	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
76	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
77	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
79	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
80	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
81	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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82	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
85	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
86	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
87	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
88	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
89	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
90	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
91	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
92	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1



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93	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
94	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
95	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
96	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
97	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
98	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
99	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
100	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
101	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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102	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
104	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
105	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
106	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
107	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
108	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
109	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
110	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
111	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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112	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
115	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
116	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
117	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
118	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
119	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
120	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
121	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
122	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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123	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
124	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
125	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
126	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
127	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
128	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
129	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
130	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
131	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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133	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
134	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
135	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
136	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
137	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
138	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
139	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
140	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

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<b>Page</b>	<b>Reason</b>	<b>Description</b>	<b>Occurrences</b>
141	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
142	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1
143	CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	1

# Redaction Log

## Redaction Reasons by Exemption

Reason	Description	Pages (Count)
CONFIDENTIAL DNCR	NH RSA 91-A:5, IV Confidential information. NH Department of Natural and Cultural Resources (DNCR) has asserted a claim of confidentiality. See also NH RSA 212-A, RSA 212-B, RSA 217-A, and/or RSA 227-C:11.	13(1) 14(1) 15(1) 16(1) 17(1) 18(1) 19(1) 20(1) 21(1) 22(1) 23(1) 24(1) 25(1) 26(1) 27(1) 28(1) 29(1) 31(1) 32(1) 33(1) 34(1) 37(1) 38(1) 39(1) 40(1) 41(1) 42(1) 43(1) 44(1) 45(1) 47(1) 48(1) 49(1) 50(1) 51(1) 52(1) 53(1) 54(1) 55(1) 56(1) 57(1) 58(1) 59(1) 60(1) 61(1) 62(1) 63(1) 64(1) 65(1) 66(1) 69(1) 70(1) 71(1) 72(1) 73(1) 74(1) 75(1) 76(1) 77(1) 79(1) 80(1) 81(1)

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