ENVIRONMENTAL NOTIFICATION FORM

Sudbury-Hudson Transmission Reliability Project

Sudbury, Marlborough, Stow, Hudson

PREPARED FOR

Eversource Energy
247 Station Drive
Westwood, MA, 02090

PREPARED BY

101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770

MAY 15, 2017

www.vhb.com

May 15, 2017

Ref: 12970.00

Secretary Matthew A. Beaton
Executive Office of Energy and Environmental Affairs
Attn: MEPA Office
100 Cambridge Street, Suite 900
Boston, MA 02114

Re: Environmental Notification Form
Sudbury-Hudson Transmission Reliability Project
Sudbury, Stow, Marlborough, Hudson, Massachusetts

Dear Secretary Beaton,

On behalf of NSTAR d/b/a Eversource Energy, VHB is pleased to submit the enclosed Environmental Notification Form (ENF) for the Sudbury-Hudson Transmission Reliability Project (the "Project") located in the municipalities of Sudbury, Marlborough, Stow, and Hudson, Massachusetts. The Project involves the construction of a new 115-kV overhead transmission line approximately 9 miles in length, with 2.3 miles within roadways in the Town of Hudson and 7.7 miles within an existing unused right-of-way owned by the Massachusetts Bay Transportation Authority ("MBTA"). Construction of the Project will serve the public interest by increasing the reliability and capacity of the regional electric transmission system over the long term, while minimizing environmental impacts and costs.

We anticipate that the MEPA Office will notice the ENF for public review in the May 24, 2017, edition of the Environmental Monitor and that comments will be due June 13, 2017. Pursuant to 301 CMR 11.16(2), a copy of this ENF will be distributed to those agencies and individuals on the ENF Distribution List (see Attachment E) and additional copies are available upon request. Requests for copies of the ENF can be directed to me at 508.513.2703 or via e-mail at MBergeron@VHB.com.

We look forward to working with you and your staff during the review of this Project.

Sincerely,

Marc J Bergeron

Marc Bergeron

Sr. Project Manager/Wetland Scientist
CC: ENF Distribution List

Engineers | Scientists | Planners | Designers

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Commonwealth of Massachusetts

Executive Office of Energy and Environmental Affairs
Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

For Office Use Only

EEA#: ———————————

MEPA Analyst: _____

The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Sudbury-Hudson Transmission Reliability Project			
Street Address: Inactive MBTA ROW in Sudbury, Marlborough, Stow, and Hudson; and Wilkins St and Forest Ave in Hudson			
Municipality: Sudbury, Marlborough, Stow, Hudson		**Watershed:** Sudbury River, Concord River	
Universal Transverse Mercator Coordinates: *Sudbury Substation:* Easting: 302601.86 / Northing: 4692530.57 *Hudson Substation:* Easting: 289559.80 / Northing: 4695942.23		**Latitude/Longitude:** *Sudbury Substation:* 42.359997; -71.397021 *Hudson Substation:* 42.387273, -71.556489	
Estimated commencement date: 2019		**Estimated completion date:** 2021	
Project Type: Utility - Transmission Line		**Status of project design:** 25 **%complete**	
Proponent: NSTAR Electric Company d/b/a Eversource Energy			
Street Address: 247 Station Drive			
Municipality: Westwood		**State:** MA	**Zip Code:** 02090
Name of Contact Person: Vivian Kimball			
Firm/Agency: VHB		**Street Address:** 101 Walnut Street	
Municipality: Watertown		**State:** MA	**Zip Code:** 02471
Phone: 508-513-2713	**Fax:**	**E-mail:** vkimball@vhb.com	

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
☒ Yes ☐ No

If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting:

a Single EIR? (see 301 CMR 11.06(8)) **☐ Yes ☒ No**
a Special Review Procedure? (see 301CMR 11.09) **☐ Yes ☒ No**
a Waiver of mandatory EIR? (see 301 CMR 11.11) **☐ Yes ☒ No**
a Phase I Waiver? (see 301 CMR 11.11) **☐ Yes ☒ No**
(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)

Applicant requests GHG Policy *de minimus* exemption for this Project, which will result in no long-term emissions and minimal construction-related emissions.

Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?
301 CMR 11.03 (3)(a)1. Alteration (temporary) of one or more acres of bordering vegetated wetland.
301 CMR 11.03 (7)(b)4. Construction of electric transmission lines with a capacity of 69 or more kv, provided the transmission lines are one or more miles in length along new, unused or abandoned right of way.

Which State Agency Permits will the project require?
EFSB/DPU:
- Approval to construct, G.L. c. 164, § 69J and 72
- Request for zoning exemptions, G.L. c. 40A, §3

MassDEP:
- 401 Water Quality Certification

MHC:
- Project Notification Form

MassDOT:
- State Highway Access Permit

NHESP:
- Conservation and Management Permit *(to be determined)*

Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres:
None

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	87.3[1]		
New acres of land altered		26.7 (tree clearing)	
Acres of impervious area	Existing roadway	0	—
Square feet of new bordering vegetated wetlands alteration		13,794 (tree clearing) 12,962 (permanent fill)	
Square feet of new other wetland alteration		756,436 (tree clearing) 546,356 (permanent fill)	
Acres of new non-water dependent use of tidelands or waterways		—	
STRUCTURES			
Gross square footage	—	—	—
Number of housing units	—	—	—
Maximum height (feet)	—	—	—
TRANSPORTATION			
Vehicle trips per day	—	—	—
Parking spaces	—	—	—
WASTEWATER			
Water Use (Gallons per day)	—	—	—
Water withdrawal (GPD)	—	—	—
Wastewater generation/treatment (GPD)	—	—	—
Length of water mains (miles)	—	—	—
Length of sewer mains (miles)	—	—	—

Has this project been filed with MEPA before?
☐ **Yes (EEA #_____)** ☒ **No**

Has any project on this site been filed with MEPA before?
☒ **Yes (EEA #** 15123 **)** ☐ **No**

[1] Includes 7.8 acres of existing public roadways and 79.5 acres within existing inactive MBTA right-of-way.

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION

NOTE: The project description should summarize both the project's direct and indirect impacts (including construction period impacts) in terms of their magnitude, geographic extent, duration and frequency, and reversibility, as applicable. It should also discuss the infrastructure requirements of the project and the capacity of the municipal and/or regional infrastructure to sustain these requirements into the future.

Describe the existing conditions and land uses on the project site:

NSTAR Electric Company d/b/a Eversource Energy ("Eversource" or the "Company") proposes to construct, operate, and maintain an approximately 9-mile, 115-kilovolt ("kV") underground transmission line extending from Eversource's Sudbury Substation on Boston Post Road (Route 20) in Sudbury ("Sudbury Substation") to Hudson Light & Power Department's ("HLPD") substation at Forest Avenue in Hudson ("Hudson Substation") (the "New Line"). In order to accommodate the New Line, the Company and HLPD each will undertake modifications to their respective substations.[2] The New Line and related improvements at Sudbury Substation comprise the Sudbury-Hudson Transmission Reliability Project (the "Project").

Construction of the Project will serve the public interest by increasing the reliability of the regional electric transmission system. In addition, the Project provides the opportunity to couple construction of the New Line with the development of a portion of the planned regional Mass Central Rail Trail ("MCRT"), a multi-use trail that will be managed by the Massachusetts Department of Conservation and Recreation. The proposed MCRT, traversing the state from west to east, will bring a number of advantages to its users, surrounding communities, and the Commonwealth as a whole.

The Project will be installed primarily along an inactive railroad right-of-way ("ROW") owned by the Massachusetts Bay Transportation Authority ("MBTA"). The Project originates at the Sudbury Substation and travels northwest along the MBTA ROW passing through short sections of Marlborough and Stow before entering Hudson, where it travels underground within public roadways for 1.3 miles after exiting the MBTA ROW, terminating at the Hudson Substation. The Company's proposed route for the New Line and the location of the Sudbury and Hudson Substations are shown on a United States Geological Survey "USGS" quadrangle base map (see Figure 1-1, Locus Map). The New Line will pass mostly through the Towns of Sudbury and Hudson and will cross short sections of the Town of Stow and the City of Marlborough.

The width of the existing MBTA ROW varies in some locations, but is approximately 80 feet wide. The ROW is the former Massachusetts Central Railroad corridor used for passenger and/or freight service from approximately 1880 to 1970. The MBTA ROW has not been used for rail service for over forty years and currently contains remnants of the single track railroad (ballast, tracks, and ties) in some portions. Vegetation within the MBTA ROW has not been maintained since rail service was discontinued and consists mainly of shrubby growth and forested areas. Along the MBTA ROW, the route traverses through a mix of developed and undeveloped areas. The largest of the undeveloped areas is associated with protected open space areas that include lands held and/or managed by the Town of Sudbury, the City of Marlborough, the Sudbury Valley Trustees ("SVT"), and the U.S. Fish and Wildlife Service ("USFWS"). In some portions of the ROW, there are existing pathways and/or trails currently used by local residents for passive recreation. Evidence of off-road-vehicle use is evident in some locations as well.

In Sudbury, the Project crosses Hop Brook and Dudley Brook and is adjacent to mixed land uses including the Great Meadows National Wildlife Refuge, The Coolidge at Sudbury residential community, and commercial properties along Boston Post Road/Route 20. Past Union Avenue, land uses become primarily residential, and transition to conservation areas including Hopbrook Marsh Conservation Land, Memorial Forest, and Assabet River National Wildlife Refuge near the town boundary with Marlborough. The Project crosses through a small corner of Marlborough adjacent to the Desert Conservation Area before entering Hudson, where it passes the Marlborough-Sudbury State Forest and Charter Oak Golf Course. West of the golf course, land use becomes primarily commercial/industrial. The Project crosses Fort Meadow Brook then enters a small corner of Stow near Ferjulian's Farm before re-entering Hudson, where it travels adjacent to residential neighborhoods to reach the

[2] HLPD is not a co-applicant with Eversource in this ENF. The Company will not construct, own, operate or maintain any transmission facilities at Hudson Substation. The information provided regarding the Hudson Substation is for informational purposes only.

intersection with Wilkins Street near a parking lot for the Assabet River Rail Trail. The Project then leaves the ROW and travels within Wilkins Street and Forest Avenue, passing residential neighborhoods and the Forest Avenue Elementary School, to reach the Hudson Substation.

Describe the proposed project and its programmatic and physical elements:

The Project consists of an underground transmission line and access road from the Sudbury Substation along the MBTA ROW to the Hudson Substation, and associated upgrades at the Sudbury Substation and Hudson Substation to accommodate the New Line. The access road will facilitate development of a multi-use path that DCR has planned within the ROW. The duct bank will contain a total of eight conduits enclosed in a common thermal concrete envelope that is four feet wide and five and a half to eight feet deep, depending on the design profile of the duct bank.

1. Transmission Line and Access Road

Construction of the New Line will require a 30-foot-wide corridor along the MBTA ROW to be cleared of trees and woody shrubs to facilitate the installation of the duct bank/splice vault system and the access road. Within the 30 feet of clearing, a 22-foot-wide construction platform will be developed that consists of:

- a 14-foot-wide access road
- a 4-foot-wide duct bank (offset from the access road by 1 foot)
- splice vaults (requiring additional workspace outlined below)
- 3 feet of additional construction area to facilitate installation of the duct bank

At each proposed splice vault location, the limits of clearing will be temporarily expanded to an approximate width of 40 feet, for a length of 50 feet, to accommodate temporary work pads for the installation of the vault. Following construction, these areas will be allowed to grow back to the final maintained ROW width of 30 feet. For this Project, it is anticipated that each splice vault will be approximately 10 feet wide by 8 feet high and 30 feet long (inside dimensions). Due to their size, most of the splice vaults will be located partially underneath the access road with the manhole covers adjacent to the road and in the shoulder. The splice vault depth will vary by location, with the base measuring approximately 12 to 15 feet below the proposed final grade of the access road. Splice vaults will be spaced approximately every 1,500 to 1,800 feet. At each splice vault, a precast communication handhole measuring 4 feet by 4 feet by 4 feet will be installed parallel to each splice vault.

The conversion of the existing rail bed to an access road requires the removal and salvage of the steel rails and disposal of the wooden rail ties prior to grading and leveling. At this time, no excess soil is anticipated to be generated from construction activities; however, if there is any excess soil, it will be removed from the construction area and transported to a temporary construction laydown area for characterization prior to disposal.

It is assumed that the duct bank can be installed above all existing culverts along the ROW. There are three existing bridges over waterbodies along the ROW. Based on a preliminary engineering review, the Company plans to reuse the existing bridge structures and rehabilitate them to accommodate a utility crossing. The bridge improvements will also incorporate the future multi-use path in accordance with DCR's proposed design plans.

Following construction, Eversource will maintain a 30-foot-wide corridor; 22 feet of this width will be maintained cleared of trees and woody shrubs and includes the access road, duct bank, and shoulder adjacent to the duct bank. In the remaining shoulder adjacent to the other side of the access road, some plantings with limited woody vegetation may be allowed to grow up to a height of 15 feet.

2. Sudbury Substation

All improvements to the Sudbury Substation will be installed within the existing fence line of the substation, and include the installation of the following equipment, as well as a duct bank to route the New Line from the substation to the MBTA ROW.

- 115-kV breaker with associated disconnect switch
- 115-kV surge arresters (three)
- 115-kV cable disconnect switch (one) and termination structure(s) (three)
- 115-kV air core shunt reactor with associated foundations
- 115-kV breaker with associated disconnects and foundations to switch the shunt reactor
- Shielding mast (approximately 100 feet tall)

- 115-kV bus support structure (one) for 115-kV conductors
- Control, protection, and communication equipment inside the existing control house
- Underground conduits and cable trench for control cables

3. Hudson Substation

HLPD will be responsible for constructing, owning, and operating any transmission facilities at the Hudson Substation that will be necessary to support the new transmission line. It is the Company's understanding that improvements to the Hudson Substation will require an expansion of the existing substation footprint, and will include installation of the following equipment:

- Three (3) new 115-kV circuit breakers and associated disconnect switches
- 115-kV cable termination structures
- Protective relaying
- Control house
- Modification of existing bus work
- Security infrastructure
- Two (2) transmission towers to re-terminate existing H-160 & N-166 transmission lines with concrete foundations
- SCADA system and remote communications

Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:

NOTE: The purpose of the alternatives analysis is to consider what effect changing the parameters and/or siting of a project, or components thereof, will have on the environment, keeping in mind that the objective of the MEPA review process is to avoid or minimize damage to the environment to the greatest extent feasible. Examples of alternative projects include alternative site locations, alternative site uses, and alternative site configurations.

The Company reviewed a variety of existing linear corridors including transmission line, highway, railroad, and pipeline ROWs; however, other existing ROWs were found to be impractical alternatives because they were either overly circuitous in connecting the Sudbury Substation and Hudson Substation or of insufficient width to construct a new transmission line. No feasible alternative was identified that would be allowed under current zoning.

Eversource also considered several routing options along different roadways between the two substations, as well as construction of an overhead transmission line within the MBTA ROW. The overhead transmission line would require tree clearing along the full width of the ROW and result in significantly greater environmental impacts. Other roadway options, including routes located entirely in roadways, would result in greater impacts to the natural and/or developed environments than the proposed route. Through a detailed evaluation of the potential environmental impacts and cost of each route, the Company determined that the proposed underground route will minimize environmental impacts while keeping the cost of the project as low as possible.

Summarize the mitigation measures proposed to offset the impacts of the preferred alternative:

1. Wetland Resources

a) Impacts

Construction of the Project within the MBTA ROW will result in impacts to wetland resources as a result of tree clearing and creation of the construction platform. As described previously, the ROW will need to be cleared to a width of 30 feet along the entire length, with temporary 40-foot-by-50-foot areas in splice vault locations, resulting in 0.32 acres of tree clearing within wetlands. These expanded areas will be allowed to grow back to maintain a 30-foot width after construction is completed. The 22-foot construction platform needed to install the access road and transmission line will result in 12,962 square feet of permanent fill.

Although there are BVWs and Buffer Zones along the public roadway portion of the Project, no impacts will be anticipated from construction of the Project within the existing pavement, and proper implementation of BMPs will

protect these resources during construction.

No temporary impacts to wetland are anticipated from construction of the Project.

b) Mitigation

Impacts from the construction of the Project will be minimized by designing the placement of the access road and duct bank outside of these resources whenever possible. During construction, wetland resources will be protected by the installation of appropriate erosion and sedimentation BMPs as described in Section 5.4.

For any unavoidable impacts, the Company will work with the United States Army Corps of Engineers ("USACE"), MassDEP, Massachusetts Natural Heritage and Endangered Species Program ("NHESP"), and local Conservation Commissions to develop the necessary compensatory mitigation plans and could include, but not be limited to the following:

- USACE New England District Compensatory Mitigation Guidance (2016) recommends that proposed mitigation provide compensation at a ratio of at least 2:1 and up to 15:1 depending on the type of resource areas impacted and the mitigation approach proposed (restoration, creation, rehabilitation, and/or preservation).
- Massachusetts Wetlands Protection Act ("MWPA") Regulations prescribe certain performance standards for impacts within different resource areas, including creation of BVW at a 1:1 ratio to mitigate for any permanent fill and for the creation of compensatory flood storage for any permanent fill within BLSF.
- Local bylaws: Stow and Sudbury both have local wetlands protection bylaws that prescribe certain performance standards for impacts within different resource areas and that and may require additional mitigation beyond what is prescribed in the MWPA regulations.

Final details regarding the overall wetland-related mitigation approach will be determined when final design is complete. Mitigation plans will be included in the various permit applications to be submitted to local, state, and federal regulatory agencies for review, and the permits issued will contain conditions specifying the mitigation required.

2. <u>Rare Species</u>

a) Impacts

There are two areas mapped as protected habitats for state-listed rare species along the route for the Project. Based upon the response to an information request from NHESP, one of the areas contains a state-listed amphibian species while the other contains two state-listed reptiles and one state-listed bird species. Habitat impacts include habitat conversion due to tree clearing (a total of approximately 5.0 acres); and permanent habitat loss associated with access road construction (approximately 2.3 acres). Note that these impact areas overlap, resulting in disturbance to approximately 5.0 *total* acres of mapped habitat along the route.

b) Mitigation

The Company will work with NHESP staff through the MESA permit process, which may require appropriate Protection Plans for each state-listed rare species. These Protection Plans will focus on minimizing direct mortality of state-listed species that may be present within the MBTA ROW during construction. Impact minimization measures could include time of year restrictions for construction, use of temporary exclusionary barriers, and wildlife clearing surveys conducted daily by qualified biologists prior to the start of work. If NHESP staff determines that construction along the MBTA ROW will result in a "take," then a Conservation and Management Permit (CMP) will be obtained by the Company. Typical mitigation options under a CMP may include offsite habitat protection or funding of programs that directly benefit the affected species. Offsite habitat protection typically requires the acquisition of land, under fee ownership or conservation restriction, for permanent habitat conservation. Other mitigation options consist of financial contribution toward land acquisition, conservation research funding, habitat management, or other programs that directly benefit the affected species.

3. <u>Cultural Resources</u>

a) Impacts

Construction of the Project will occur mainly within an established MBTA ROW and is not anticipated to result in

impacts to known archaeological sites due to the previously disturbed nature of the ROW. Above-ground historic properties could be affected by a change to the existing view shed due to the clearing of the 30-foot corridor along the ROW. Construction within the roadway portions of the route is not anticipated to result in any impacts to cultural resources.

b) Mitigation

The Project will be subject to review under Section 106 of the National Historic Preservation Act (36 C.F.R 800, "Section 106") and will require a permit from the USACE. The Project will also be subject to review by the Massachusetts Historical Commission ("MHC") under G.L. c. 9 §§ 26–27C. The Company will coordinate with the USACE and MHC to avoid and/or minimize adverse effects to any eligible historic resource and to archaeological resources. As part of the USACE's Section 404 permit review, and pursuant to Section 106, the federal agency will also consult with Native American Tribes that express an interest in the cultural resources that may be affected by those portions of the routes subject to USACE and MHC jurisdiction. The Company will coordinate with Commonwealth Heritage Group, Inc., to further evaluate potential impacts to archaeological resources prior to construction and to identify areas that should be avoided or which, if not able to be avoided, would necessitate measures to protect the cultural resource. Procedures to handle unanticipated discoveries during construction will be specified as part of a Construction Management Plan.

Stormwater

The Project will be designed to comply with the MADEP Stormwater Management Policy (2008). Additionally, the Project will be covered by a USEPA NPDES Construction General Permit, and an accompanying Storm Water Pollution Prevention Plan will be prepared prior to the start of construction. The SWPPP will include a construction personnel contact list and a description of the proposed work, and identify stormwater controls, spill prevention measures, and inspection practices to be implemented for the management of construction-related stormwater discharges from the Project. Best Management Practices will be employed to minimize erosion and other potential environmental impacts, and an environmental monitor will be on the Project site on a regular basis to ensure compliance with the SWPPP and other applicable permit requirements.

If the project is proposed to be constructed in phases, please describe each phase:

The Project will not be phased.

AREAS OF CRITICAL ENVIRONMENTAL CONCERN:

Is the project within or adjacent to an Area of Critical Environmental Concern?
☐ Yes (Specify_____) ☒ No
if yes, does the ACEC have an approved Resource Management Plan? ☐ Yes ☐ No;
If yes, describe how the project complies with this plan. _____
Will there be stormwater runoff or discharge to the designated ACEC? ☐ Yes ☐ No;
If yes, describe and assess the potential impacts of such stormwater runoff/discharge to the designated ACEC. _____

RARE SPECIES:

Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/priority_habitat_home.htm) ☒ Yes (Specify: PH 687/EH 648, PH1516/EH 38**) ☐ No**

HISTORICAL/ARCHAEOLOGICAL RESOURCES:

Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?
☒ Yes (Specify SUD.P, SUD.282, SUD.B, SUD-HA-26, HUD.908, SUD.900, SUD.901 **) ☐ No**
If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? ☐ Yes (Specify_____) ☒ No

WATER RESOURCES:

Is there an Outstanding Resource Water (ORW) on or within a half-mile radius of the project site?
☐ Yes ☒ No; if yes, identify the ORW and its location.

(NOTE: Outstanding Resource Waters include Class A public water supplies, their tributaries, and bordering wetlands; active and inactive reservoirs approved by MassDEP; certain waters within Areas of Critical Environmental Concern, and certified vernal pools. Outstanding resource waters are listed in the Surface Water Quality Standards, 314 CMR 4.00.)

Are there any impaired water bodies on or within a half-mile radius of the project site? ☐ Yes ☒ No; if yes, identify the water body and pollutant(s) causing the impairment: _____.

Is the project within a medium or high stress basin, as established by the Massachusetts Water Resources Commission? ☒ Yes ☐ No

The Project is located within portions of the Assabet and Sudbury River basins, portions of which have been mapped as Medium Stress Basins. The Project will have no effect on this designation.

STORMWATER MANAGEMENT:

Generally describe the project's stormwater impacts and measures that the project will take to comply with the standards found in MassDEP's Stormwater Management Regulations:

The Project will be constructed in compliance with the Massachusetts Wetlands Protection Act and the MassDEP Stormwater Regulations. The majority of the stormwater management standards are not applicable to the proposed work. The primary applicable standard is Standard #8: Construction Period Pollution Prevention and Erosion and Sedimentation Controls. The Company will install erosion control devices and employ dewatering as needed. Daily inspections of all work areas and erosion controls will be

conducted by construction crews and weekly inspections will be performed by an experienced environmental monitor.

MASSACHUSETTS CONTINGENCY PLAN:

Has the project site been, or is it currently being, regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? ☒ Yes ☐ No; if yes, please describe the current status of the site (including Release Tracking Number (RTN), cleanup phase, and Response Action Outcome classification):

RTN	Current Status	RAO Class
3-2640	RAO	C1
3-24573	RAO	A1

Is there an Activity and Use Limitation (AUL) on any portion of the project site? ☐ Yes ☒ No;
if yes, describe which portion of the site and how the project will be consistent with the AUL:
Are you aware of any Reportable Conditions at the property that have not yet been assigned an RTN?
☐ Yes ☒ No; if yes, please describe:_____

SOLID AND HAZARDOUS WASTE:

If the project will generate solid waste during demolition or construction, describe alternatives considered for re-use, recycling, and disposal of, e.g., asphalt, brick, concrete, gypsum, metal, wood:

The Project may generate solid waste including railroad tracks and ties, pavement, and minor amounts of construction debris such as wood pallets and wooden spools. The Company will recycle all such material as required by regulation.

NOTE: Asphalt pavement, brick, concrete and metal are banned from disposal at Massachusetts landfills and waste combustion facilities and wood is banned from disposal at Massachusetts landfills. See 310 CMR 19.017 for the complete list of banned materials.)

Will your project disturb asbestos containing materials? ☐ Yes ☒ No;
if yes, please consult state asbestos requirements at http://mass.gov/MassDEP/air/asbhom01.htm

Describe anti-idling and other measures to limit emissions from construction equipment:

Construction contractors will be required to adhere to all applicable regulations regarding control of construction vehicle emissions. Construction specifications will require that all diesel construction equipment used on-site would be fitted with after-engine emissions controls, and contractors will be required to utilize ultra-low sulfur diesel fuel and minimize idling time.

DESIGNATED WILD AND SCENIC RIVER:

Is this project site located wholly or partially within a defined river corridor of a federally designated Wild and Scenic River or a state designated Scenic River? ☐ Yes ☒ No;
if yes, specify name of river and designation:
If yes, does the project have the potential to impact any of the "outstandingly remarkable" resources of a federally Wild and Scenic River or the stated purpose of a state designated Scenic River?
☐ Yes ☐ No; if yes, specify name of river and designation: _____**;**
if yes, will the project will result in any impacts to any of the designated "outstandingly remarkable" resources of the Wild and Scenic River or the stated purposes of a Scenic River. ☐ Yes ☐ No;
if yes, describe the potential impacts to one or more of the "outstandingly remarkable" resources or stated purposes and mitigation measures proposed.

ATTACHMENTS:

1. List of all attachments to this document.

See below.

2. U.S.G.S. map (good quality color copy, 8-½ x 11 inches or larger, at a scale of 1:24,000) indicating the project location and boundaries.

Provided as Attachment A.

3. Plan, at an appropriate scale, of existing conditions on the project site and its immediate environs, showing all known structures, roadways and parking lots, railroad rights-of-way, wetlands and water bodies, wooded areas, farmland, steep slopes, public open spaces, and major utilities.

Provided as Attachment B.

4 Plan, at an appropriate scale, depicting environmental constraints on or adjacent to the project site such as Priority and/or Estimated Habitat of state-listed rare species, Areas of Critical Environmental Concern, Chapter 91 jurisdictional areas, Article 97 lands, wetland resource area delineations, water supply protection areas, and historic resources and/or districts.

Provided as Attachment C.

5. Plan, at an appropriate scale, of proposed conditions upon completion of project (if construction of the project is proposed to be phased, there should be a site plan showing conditions upon the completion of each phase).

Provided as Attachment D.

6. List of all agencies and persons to whom the proponent circulated the ENF, in accordance with 301 CMR 11.16(2).

Provided as Attachment E.

7. List of municipal and federal permits and reviews required by the project, as applicable.

Municipal

- *Conservation Commissions (Hudson, Stow, Sudbury):*
  - Massachusetts Wetlands Protection Act (310 CMR 10.00)
  - Wetland non-zoning bylaw filings (Notice of Intent)
- *Boards of Selectmen (Hudson, Sudbury):*
  - Grants of Location
  - Street Opening Permits

Federal

- *US Army Corps of Engineers*:
  - Section 404 Federal Clean Water Act – Pre-Construction Notification
- *US Environmental Protection Agency:*
  - National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Construction Activities

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to land (see 301 CMR 11.03(1)
☐ Yes ☒ No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	Existing	Change	Total
Footprint of buildings			
Internal roadways			
Parking and other paved areas			
Other altered areas			
Undeveloped areas			
Total: Project Site Acreage			

B. Has any part of the project site been in active agricultural use in the last five years?
☐ Yes ☒ No; if yes, how many acres of land in agricultural use (with prime state or locally important agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?
☐ Yes ☒ No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a forest management plan approved by the Department of Conservation and Recreation:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? ☐ Yes ☒ No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction?
☐ Yes ☒ No; if yes, does the project involve the release or modification of such restriction?
☐ Yes ☒ No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? ☐ Yes ☒ No; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? ☐ Yes ☒ No; if yes, describe:

III. Consistency

A. Identify the current municipal comprehensive land use plan
Title: Sustainable Sudbury Master Plan **Date:** 2001
** Sudbury does not have a more recent Master Plan*

Title: Master Plan 2014: Town of Hudson, Massachusetts **Date:** 2014

B. Describe the project's consistency with that plan with regard to:

1) **economic development**: The Project will support and provide reliable energy for future economic development in the area.

2) **adequacy of infrastructure**: The Project is intended to provide a continued reliable source of electricity to Eversource and Hudson Light and Power Department's customers.

3) **open space impacts**: The Project will be built within an existing inactive MBTA corridor

and will not have any direct impacts to open space. The Project provides the opportunity to advance the development of the Mass Central Rail Trail. This supports Sudbury's goal as stated in the Sustainable Sudbury Master Plan, to create "trail linkages including new trails, bike paths, walkways and greenways" and to specifically support the "proposed east west bike trail along the old MBTA railroad bed from Wayland into Marlborough… as it will allow regional, non-motorized movement between towns." It also supports Hudson's goals to "develop connections and linkages of open space and recreation areas through development of trails," and to "collaborate with the Department of Conservation and Recreation in the development of the Mass Central Branch Rail Trail along the former Mass Central Branch Railroad.

4) **compatibility with adjacent land uses**: The Project will be built within an existing inactive MBTA ROW. The installation of the transmission line underground is compatible with Sudbury's goal to minimize overhead utility wires and poles throughout the Town and helps to maintain the existing character of residential neighborhoods by allowing for a vegetative buffer along the transmission corridor/multi-use path. As stated above, the Project also supports Hudson's goal to "develop connections and linkages of open space and recreation areas through development of trails."

   The Company is committed to continued discussions to explore the potential to work cooperatively with the SVT, USFWS, DCR and the local land management agencies to develop a vegetation management strategy along the corridor that promotes and helps achieve the current habitat management goals along the MBTA ROW and that is compatible with the safe operation and maintenance of the new transmission line.

C. Identify the current Regional Policy Plan of the applicable Regional Planning Agency (RPA)

RPA: Metropolitan Area Planning Council
Title: MetroFuture: Making a Greater Boston Region
Date: 2008

D. Describe the project's consistency with that plan with regard to:

1) **economic development:** The Project will support and provide reliable energy for future economic development in the area. It will also support the Plan's goal to focus economic growth in areas that provide greater transportation choices, including those that are accessible on foot or bike.
2) **adequacy of infrastructure:** The Project is intended to provide a continued reliable source of electricity to Eversource and Hudson Light and Power Department's customers.
3) **open space impacts:** The Project will be built within an existing inactive MBTA ROW and will not have any direct impacts to open space. The Project provides the opportunity to advance the development of the Mass Central Rail Trail, which supports the Plan's goal to create a robust network of, and expand access to, protected open spaces, parks, and greenways.

RARE SPECIES SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to rare species or habitat (see 301 CMR 11.03(2))? ☐ Yes ☐ No; if yes, specify, in quantitative terms:

To be determined. The Company will continue to work with NHESP to minimize impacts to habitat for the listed species to the extent possible.

(NOTE: If you are uncertain, it is recommended that you consult with the Natural Heritage and Endangered Species Program (NHESP) prior to submitting the ENF.)

B. Does the project require any state permits related to rare species or habitat? ☐ Yes ☐ No

There is a possibility that the Project may require a Conservation and Management Permit. The Company is continuing to coordinate with NHESP to finalize plans to avoid and minimize impacts to rare species and habitat.

C. Does the project site fall within mapped rare species habitat (Priority or Estimated Habitat?) in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ☒ Yes ☐ No.

The Project ROW crosses two areas of mapped habitat: PH 1516/EH 38 in the vicinity of the Sudbury Substation, and PH 687/EH 648, in the vicinity of Hop Brook and the large complex of conservation lands at the municipal borders of Sudbury, Marlborough, and Hudson.

D. If you answered "No" to <u>all</u> questions A, B and C, proceed to the Wetlands, Waterways, and Tidelands Section. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Rare Species section below.

II. Impacts and Permits

A. Does the project site fall within Priority or Estimated Habitat in the current Massachusetts Natural Heritage Atlas (attach relevant page)? ☒ Yes ☐ No. If yes,

1. **Have you consulted with the Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP)? ☒ Yes ☐ No; if yes, have you received a determination as to whether the project will result in the "take" of a rare species? ☐ Yes ☒ No; if yes, attach the letter of determination to this submission.**

2. **Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ☐ Yes ☐ No; if yes, provide a summary of proposed measures to minimize and mitigate rare species impacts.**

   To be determined. The Company will continue to work with NHESP to minimize impacts to habitat for the listed species to the extent possible.

3. **Which rare species are known to occur within the Priority or Estimated Habitat?**

   <u>Priority Habitat 1516 and Estimated Habitat 38:</u>

Scientific Name	***Common Name***	***Taxonomic Group***	***State Status***
Ambystoma laterale	Blue-Spotted Salamander	Amphibian	Special concern

Priority Habitat 687 and Estimated Habitat 648:

Scientific Name	***Common Name***	***Taxonomic Group***	***State Status***
Terrapene carolina	Eastern Box Turtle	Reptile	Special concern
Glyptemys insculpta	Wood Turtle	Reptile	Special concern
Caprimulgus vociferous	Eastern Whip-poor-will	Bird	Special concern

4. **Has the site been surveyed for rare species in accordance with the Massachusetts Endangered Species Act? ☐ Yes ☒ No**

5. **If your project is within Estimated Habitat, have you filed a Notice of Intent or received an Order of Conditions for this project? ☐ Yes ☒ No; if yes, did you send a copy of the Notice of Intent to the Natural Heritage and Endangered Species Program, in accordance with the Wetlands Protection Act regulations? ☐ Yes ☐ No**

B. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ☐ Yes ☐ No; if yes, provide a summary of proposed measures to minimize and mitigate impacts to significant habitat:

To be determined. The Company will continue to work with NHESP to minimize impacts to habitat for the listed species to the extent possible.

WETLANDS, WATERWAYS, AND TIDELANDS SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to wetlands, waterways, and tidelands (see 301 CMR 11.03(3))? ☒ Yes ☐ No; if yes, specify, in quantitative terms:

301 CMR 11.03 (3)(a)1. Alteration of one or more acres of bordering vegetated wetland.

B. Does the project require any state permits (or a local Order of Conditions) related to wetlands, waterways, or tidelands? ☒ Yes ☐ No; if yes, specify which permit:

The Project will require a 401 Water Quality Certificate and Orders of Conditions from the Towns of Sudbury, Stow, and Hudson.

C. If you answered "No" to <u>both</u> questions A and B, proceed to the Water Supply Section. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Wetlands, Waterways, and Tidelands Section below.

II. Wetlands Impacts and Permits

A. Does the project require a new or amended Order of Conditions under the Wetlands Protection Act (M.G.L. c.131A)? ☒ Yes ☐ No;
if yes, has a Notice of Intent been filed? ☐ Yes ☒ No;
if yes, list the date and MassDEP file number: _____;
if yes, has a local Order of Conditions been issued? ☐ Yes ☐ No;
Was the Order of Conditions appealed? ☐ Yes ☐ No.
Will the project require a Variance from the Wetlands regulations? ☐ Yes ☒ No.

B. Describe any proposed permanent or temporary impacts to wetland resource areas located on the project site:

Construction of the Project within the MBTA ROW will result in impacts to wetland resource areas in the towns of Sudbury, Stow, and Hudson as a result of tree clearing and creation of a 22-foot-wide construction platform. The ROW will need to be cleared to a width of 30 feet along the entire length, with temporary 40-foot-by-50-foot areas in splice vault locations. These expanded areas will be allowed to grow back to maintain a 30-foot width after construction is completed. The construction platform needed to install the access road and transmission line will result in permanent fill. These impacts are summarized in the table below.

Summary of Impacts to Wetland Resource Areas[1]

	Tree Clearing (acres)						Permanent (square feet)					
Route	**BVW**	**VP**	**BLSF**	**RFA**	**100-ft BLSF Buffer Zone**	**100-ft BVW Buffer Zone**	**BVW**	**VP**	**BLSF**	**RFA**	**100-ft BLSF Buffer Zone**	**100-ft BVW Buffer Zone**
	(30-ft width + 40x50 Splice Vault Locations)						*(22-ft Platform)*					
Hudson	0.04	0.00	0.85	2.18	0.00	4.19	1,236	15	27,351	63,696	-	130,241
Sudbury	0.27	0.02	0.73	3.14	3.58	6.06	11,726	1,121	28,131	100,688	107,949	189,001
Stow	0.00	0.00	0.00	0.17	0.05	0.03	-	-	-	5,918	1,999	1,331
Marlborough	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-
TOTAL	***0.32***	***0.02***	***1.59***	***5.49***	***3.63***	***10.28***	***12,962***	***1,136***	***55,482***	***170,302***	***109,949***	***320,573***

1 BVW: Bordering Vegetated Wetland
VP: Vernal Pool
BLSF: Bordering Land Subject to Flooding
RFA: Riverfront Area

C. Estimate the extent and type of impact that the project will have on wetland resources, and indicate whether the impacts are temporary or permanent:

Coastal Wetlands	Area (square feet) or Length (linear feet)	Temporary or Permanent Impact?
NO TEMPORARY OR PERMANENT IMPACTS TO COASTAL WETLANDS		
Land Under the Ocean		
Designated Port Areas		
Coastal Beaches		
Coastal Dunes		
Barrier Beaches		
Coastal Banks		
Rocky Intertidal Shores		
Salt Marshes		
Land Under Salt Ponds		
Land Containing Shellfish		
Fish Runs		
Land Subject to Coastal Storm Flowage		
Inland Wetlands		
Bank (lf)	0	
Bordering Vegetated Wetlands	see table	see table
Isolated Vegetated Wetlands	0	
Land under Water	0	
Isolated Land Subject to Flooding	0	
Bordering Land Subject to Flooding	see table	see table
Riverfront Area	see table	see table

D. Is any part of the project:

1. **proposed as a limited project? ☒ Yes ☐ No; if yes, what is the area (in sf)?**____

   The entire Project is proposed as a Limited Project pursuant to 310 CMR 10.53(3)(d)—electrical distribution or transmission lines.

2. **the construction or alteration of a dam? ☐ Yes ☒ No; if yes, describe:**
3. **fill or structure in a velocity zone or regulatory floodway? ☐ Yes ☒ No**
4. **dredging or disposal of dredged material? ☐ Yes ☒ No; if yes, describe the volume of dredged material and the proposed disposal site:**
5. **a discharge to an Outstanding Resource Water (ORW) or an Area of Critical Environmental Concern (ACEC)? ☐ Yes ☒ No**
6. **subject to a wetlands restriction order? ☐ Yes ☒ No; if yes, identify the area (in sf):**
7. **located in buffer zones? ☒ Yes ☐ No; if yes, how much (in sf)** See table

E. Will the project:

1. **be subject to a local wetlands ordinance or bylaw? ☒ Yes ☐ No**
2. **alter any federally-protected wetlands not regulated under state law? ☒ Yes ☐ No; if yes, what is the area (sf)?**

   39,480 square feet located within the 100-foot Upland Stream Buffer

III. Waterways and Tidelands Impacts and Permits

A. Does the project site contain waterways or tidelands (including filled former tidelands) that are subject to the Waterways Act, M.G.L.c.91? ☐ Yes ☐ No; if yes, is there a current Chapter 91 License or Permit affecting the project site? ☐ Yes ☐ No; if yes, list the date and license or permit number and provide a copy of the historic map used to determine extent of filled tidelands:

Potential navigable waters the Project will cross include: Fort Meadow Brook in Hudson and Hop Brook in Sudbury.

B. Does the project require a new or modified license or permit under M.G.L. c.91? ☐ Yes ☐ No; if yes, how many acres of the project site subject to M.G.L. c.91 will be for non-water-dependent use? Current _____ Change _____ Total _____ If yes, how many square feet of solid fill or pile-supported structures (in sf)?

To be determined upon final design. It is the Company's intention to stay within the original footprint for these crossings, which would not require a new or modified Chapter 91 license or permit.

C. For non-water-dependent use projects, indicate the following:

Area of filled tidelands on the site: 0

Area of filled tidelands covered by buildings: 0

For portions of site on filled tidelands, list ground floor uses and area of each use: 0

Does the project include new non-water-dependent uses located over flowed tidelands? ☐ Yes ☒ No

Height of building on filled tidelands_____

Also show the following on a site plan: Mean High Water, Mean Low Water, Water-dependent Use Zone, location of uses within buildings on tidelands, and interior and exterior areas and facilities dedicated for public use, and historic high and historic low water marks.

D. Is the project located on landlocked tidelands? ☐ Yes ☒ No; if yes, describe the project's impact on the public's right to access, use and enjoy jurisdictional tidelands and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

E. Is the project located in an area where low groundwater levels have been identified by a municipality or by a state or federal agency as a threat to building foundations? ☐ Yes ☒ No; if yes, describe the project's impact on groundwater levels and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

F. Is the project non-water-dependent and located on landlocked tidelands or waterways or tidelands subject to the Waterways Act and subject to a mandatory EIR? ☐ Yes ☒ No;
(NOTE: If yes, then the project will be subject to Public Benefit Review and Determination.)

G. Does the project include dredging? ☐ Yes ☒ No; if yes, answer the following questions:

What type of dredging? Improvement ___ Maintenance ___ Both ____

What is the proposed dredge volume, in cubic yards (cys) _____

What is the proposed dredge footprint ____length (ft) ___width (ft)____depth (ft);

Will dredging impact the following resource areas?

Intertidal ☐ Yes ☐ No; if yes, ___ sq ft

Outstanding Resource Waters ☐ Yes ☐ No; if yes, ___ sq ft

Other resource area (i.e. shellfish beds, eel grass beds) ☐ Yes ☐ No; if yes __ sq ft

If yes to any of the above, have you evaluated appropriate and practicable steps to: 1) avoidance; 2) if avoidance is not possible, minimization; 3) if either avoidance or minimize is not possible, mitigation?

If no to any of the above, what information or documentation was used to support this determination?

Provide a comprehensive analysis of practicable alternatives for improvement dredging in accordance with 314 CMR 9.07(1)(b). Physical and chemical data of the sediment shall be included in the comprehensive analysis.

Sediment Characterization

Existing gradation analysis results? ☐ Yes ☐ No: if yes, provide results.

Existing chemical results for parameters listed in 314 CMR 9.07(2)(b)6? ☐ Yes ☐ No; if yes, provide results.

Do you have sufficient information to evaluate feasibility of the following management options for dredged sediment? If yes, check the appropriate option.

Beach Nourishment ___

Unconfined Ocean Disposal ___

Confined Disposal:

Confined Aquatic Disposal (CAD) ___

Confined Disposal Facility (CDF) ___

Landfill Reuse in accordance with COMM-97-001 ___

Shoreline Placement ___

Upland Material Reuse____

In-State landfill disposal____

Out-of-state landfill disposal ____

(NOTE: This information is required for a 401 Water Quality Certification.)

IV. Consistency:

A. Does the project have effects on the coastal resources or uses, and/or is the project located within the Coastal Zone? ☐ Yes ☒ No; if yes, describe these effects and the projects consistency with the policies of the Office of Coastal Zone Management:

B. Is the project located within an area subject to a Municipal Harbor Plan? ☐ Yes ☒ No; if yes, identify the Municipal Harbor Plan and describe the project's consistency with that plan:

WATER SUPPLY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to water supply (see 301 CMR 11.03(4))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to water supply? ☐ Yes ☒ No; if yes, specify which permit:

C. If you answered "No" to <u>both</u> questions A and B, proceed to the Wastewater Section. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Water Supply Section below.

II. Impacts and Permits

A. Describe, in gallons per day (gpd), the volume and source of water use for existing and proposed activities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Municipal or regional water supply	_____	_____	_____
Withdrawal from groundwater	_____	_____	_____
Withdrawal from surface water	_____	_____	_____
Interbasin transfer	_____	_____	_____

(NOTE: Interbasin Transfer approval will be required if the basin and community where the proposed water supply source is located is different from the basin and community where the wastewater from the source will be discharged.)

B. If the source is a municipal or regional supply, has the municipality or region indicated that there is adequate capacity in the system to accommodate the project? ☐ Yes ☐ No

C. If the project involves a new or expanded withdrawal from a groundwater or surface water source, has a pumping test been conducted? ☐ Yes ☐ No; if yes, attach a map of the drilling sites and a summary of the alternatives considered and the results.

_____

D. What is the currently permitted withdrawal at the proposed water supply source (in gallons per day)? _____Will the project require an increase in that withdrawal? ☐ Yes ☐ No; if yes, then how much of an increase (gpd)? _____

E. Does the project site currently contain a water supply well, a drinking water treatment facility, water main, or other water supply facility, or will the project involve construction of a new facility? ☐ Yes ☐ No. If yes, describe existing and proposed water supply facilities at the project site:

	<u>Permitted Flow</u>	<u>Existing Avg Daily Flow</u>	<u>Project Flow</u>	<u>Total</u>
Capacity of water supply well(s) (gpd)	_____	_____	_____	_____
Capacity of water treatment plant (gpd)	_____	_____	_____	_____

F. If the project involves a new interbasin transfer of water, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or proposed?

G. Does the project involve:

1. **new water service by the Massachusetts Water Resources Authority or other agency of the Commonwealth to a municipality or water district? ☐ Yes ☐ No**
2. **a Watershed Protection Act variance? ☐ Yes ☐ No; if yes, how many acres of alteration?**
3. **a non-bridged stream crossing 1,000 or less feet upstream of a public surface drinking water supply for purpose of forest harvesting activities? ☐ Yes ☐ No**

III. Consistency

Describe the project's consistency with water conservation plans or other plans to enhance water resources, quality, facilities and services:

WASTEWATER SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to wastewater (see 301 CMR 11.03(5))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to wastewater? ☐ Yes ☒ No; if yes, specify which permit:

C. If you answered "No" to <u>both</u> questions A and B, proceed to the Transportation—-Traffic Generation Section. If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Wastewater Section below.

II. Impacts and Permits

A. Describe the volume (in gallons per day) and type of disposal of wastewater generation for existing and proposed activities at the project site (calculate according to 310 CMR 15.00 for septic systems or 314 CMR 7.00 for sewer systems):

	Existing	Change	Total
Discharge of sanitary wastewater			
Discharge of industrial wastewater			
TOTAL			

	Existing	Change	Total
Discharge to groundwater			
Discharge to outstanding resource water			
Discharge to surface water			
Discharge to municipal or regional wastewater facility			
TOTAL			

B. Is the existing collection system at or near its capacity? ☐ Yes ☐ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

C. Is the existing wastewater disposal facility at or near its permitted capacity? ☐ Yes ☐ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

D. Does the project site currently contain a wastewater treatment facility, sewer main, or other wastewater disposal facility, or will the project involve construction of a new facility? ☐ Yes ☐ No; if yes, describe as follows:

	Permitted	Existing Avg Daily Flow	Project Flow	Total
Wastewater treatment plant capacity (in gallons per day)				

E. If the project requires an interbasin transfer of wastewater, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or new?

(NOTE: Interbasin Transfer approval may be needed if the basin and community where wastewater will be discharged is different from the basin and community where the source of water supply is located.)

F. Does the project involve new sewer service by the Massachusetts Water Resources Authority (MWRA) or other Agency of the Commonwealth to a municipality or sewer district? ☐ Yes ☐ No

G. Is there an existing facility, or is a new facility proposed at the project site for the storage, treatment, processing, combustion or disposal of sewage sludge, sludge ash, grit, screenings, wastewater reuse (gray water) or other sewage residual materials? ☐ Yes ☐ No; if yes, what is the capacity (tons per day):

	Existing	Change	Total
Storage	_____	_____	_____
Treatment	_____	_____	_____
Processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

H. Describe the water conservation measures to be undertaken by the project, and other wastewater mitigation, such as infiltration and inflow removal.

III. Consistency

A. Describe measures that the proponent will take to comply with applicable state, regional, and local plans and policies related to wastewater management:

B. If the project requires a sewer extension permit, is that extension included in a comprehensive wastewater management plan? ☐ Yes ☐ No; if yes, indicate the EEA number for the plan and whether the project site is within a sewer service area recommended or approved in that plan:

TRANSPORTATION SECTION (TRAFFIC GENERATION)

I. Thresholds / Permit

A. Will the project meet or exceed any review thresholds related to traffic generation (see 301 CMR 11.03(6))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to state-controlled roadways? ☐ Yes ☒ No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the Roadways and Other Transportation Facilities Section. If you answered "Yes" to either question A or question B, fill out the remainder of the Traffic Generation Section below.

II. Traffic Impacts and Permits

A. Describe existing and proposed vehicular traffic generated by activities at the project site:

	Existing	Change	Total
Number of parking spaces	_____	_____	_____
Number of vehicle trips per day	_____	_____	_____
ITE Land Use Code(s):	_____	_____	_____

B. What is the estimated average daily traffic on roadways serving the site?

Roadway	Existing	Change	Total
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____

C. If applicable, describe proposed mitigation measures on state-controlled roadways that the project proponent will implement:

D. How will the project implement and/or promote the use of transit, pedestrian and bicycle facilities and services to provide access to and from the project site?

E. Is there a Transportation Management Association (TMA) that provides transportation demand management (TDM) services in the area of the project site? ☐ Yes ☐ No; if yes, describe if and how will the project will participate in the TMA:

F. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation facilities? ☐ Yes ☐ No; if yes, generally describe:

G. If the project will penetrate approach airspace of a nearby airport, has the proponent filed a Massachusetts Aeronautics Commission Airspace Review Form (780 CMR 111.7) and a Notice of Proposed Construction or Alteration with the Federal Aviation Administration (FAA) (CFR Title 14 Part 77.13, forms 7460-1 and 7460-2)?

III. Consistency

Describe measures that the proponent will take to comply with municipal, regional, state, and federal plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services:

TRANSPORTATION SECTION (ROADWAYS AND OTHER TRANSPORTATION FACILITIES)

I. Thresholds

A. Will the project meet or exceed any review thresholds related to roadways or other transportation facilities (see 301 CMR 11.03(6))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to roadways or other transportation facilities? ☒ Yes ☐ No; if yes, specify which permit:

State Highway Access Permit

C. If you answered "No" to both questions A and B, proceed to the Energy Section. If you answered "Yes" to either question A or question B, fill out the remainder of the Roadways Section below.

II. Transportation Facility Impacts

A. Describe existing and proposed transportation facilities in the immediate vicinity of the project site:

The Project will cross Route 20 and Route 62. The Company will coordinate with MassDOT to ensure construction activities and placement of the new transmission line will not adversely impact traffic on these roads.

B. Will the project involve any

1. Alteration of bank or terrain (in linear feet)?	0
2. Cutting of living public shade trees (number)?	12
3. Elimination of stone wall (in linear feet)?	*

* To be determined upon final design

III. Consistency—Describe the project's consistency with other federal, state, regional, and local plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services, including consistency with the applicable regional transportation plan and the Transportation Improvements Plan (TIP), the State Bicycle Plan, and the State Pedestrian Plan:

The Project will have no impact on regional transportation plans.

ENERGY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to energy (see 301 CMR 11.03(7))? ☒ Yes ☐ No; if yes, specify, in quantitative terms:

(b)4. Construction of 115-kV electric transmission line greater than one mile in length along an unused right of way.

B. **Does the project require any state permits related to energy? ☒ Yes ☐ No; if yes, specify which permit:**

EFSB/DPU:
Approval to construct, G.L. c. 164, § 69J and § 72
Request for zoning exemptions, G.L. c. 40A, §3

C. If you answered "No" to both questions A and B, proceed to the Air Quality Section. If you answered "Yes" to either question A or question B, fill out the remainder of the Energy Section below.

II. Impacts and Permits

A. Describe existing and proposed energy generation and transmission facilities at the project site:

	Existing	Change	Total
Capacity of electric generating facility (megawatts)	N/A	N/A	N/A
Length of fuel line (in miles)	N/A	N/A	N/A
Length of transmission lines (in miles)	0	9.01	9.01
Capacity of transmission lines (in kilovolts)	0	115	115

B. If the project involves construction or expansion of an electric generating facility, what are:

1. **the facility's current and proposed fuel source(s)?**
2. **the facility's current and proposed cooling source(s)?**

Not applicable

C. If the project involves construction of an electrical transmission line, will it be located on a new, unused, or abandoned right of way? ☒ Yes ☐ No; if yes, please describe:

The Project will be constructed along an existing inactive MBTA ROW (the former Mass Central Branch).

D. **Describe the project's other impacts on energy facilities and services:**

The Project is one of approximately 40 transmission projects that emerged from an extended study of the regional transmission system performed by ISO New England Inc. (“ISO-NE”) that identified and addressed reliability needs for the New England transmission system that serves northern Massachusetts and southern New Hampshire. In addition to maintaining the reliable and secure delivery of electricity, these transmission solutions substantially increase the power import capacity to the Greater Boston area, enabling access to lower cost, cleaner power sources and, in the aggregate, are expected to save Greater Boston area customers hundreds of millions of dollars annually in reduced transmission congestion costs while

allowing lower cost electricity generation from outside the area to serve capacity needs within the area.

III. Consistency

Describe the project's consistency with state, municipal, regional, and federal plans and policies for enhancing energy facilities and services:

The Project is consistent with all state plans/policies as set forth in Chapter 164 of the General Laws and in other federal, state and local environmental policies for enhancing energy facilities and services.

The Restructuring Act provides that the Company must demonstrate that the Project minimizes environmental impacts consistent with the minimization of costs associated with mitigation, control, and reduction of the environmental impacts of the Project. Accordingly, an assessment of all impacts of a proposed facility is necessary to determine whether an appropriate balance is achieved both among conflicting environmental concerns as well as among environmental impacts, cost, and reliability. A facility that achieves the appropriate balance thereby meets the Chapter 164 requirement to minimize environmental impacts at the lowest possible cost. The Company compared a range of alternative projects and proposed specific plans to mitigate environmental impacts associated with the construction, operation, and maintenance of the proposed transmission line, consistent with cost minimization.

The Company will obtain all environmental approvals and permits required by federal, state, and local agencies and will construct and operate the Project to fully comply with Federal, state and municipal regulations and environmental policies. Thus, the Project will contribute to a reliable, low cost, diverse energy supply for the Commonwealth while avoiding, minimizing, and mitigating environmental impacts to the maximum extent practicable.

In addition, the Project is also consistent with the Commonwealth's Environmental Justice ("EJ") Policy, as promulgated by the predecessor to the EEA and as subsequently updated by then-Governor Patrick through Executive Order #552 signed on November 25, 2014, because the Company is pursuing an inclusive community outreach plan to facilitate the meaningful opportunity to participate by all and because the Project does not exceed any environmental impacts thresholds that would necessitate enhanced analysis under the EJ Policy. As such, the Project is consistent with the Commonwealth's environmental policies.

The Green Communities Act is a comprehensive, multi-faceted energy reform bill that encourages energy and building efficiency, promotes renewable energy, creates green communities, implements elements of the Regional Greenhouse Gas Initiative, and provides market incentives and funding for various types of energy generation. The Green Communities Act (as amended and supplemented by St. 2012, c. 209, An Act Relative to Competitively Priced Electricity), can be expected to result in greater renewable supplies and substantial new conservation initiatives in future years. The improvements to the transmission system in the Marlborough Subarea of Subarea D will strengthen and improve the reliability of the regional transmission system. While the primary Project purpose is improved reliability consistent with ISO-NE requirements, the more robust system will enable a more efficient and flexible operation of the grid consistent with the Green Communities Act.

On August 7, 2008, then-Massachusetts Governor Patrick signed into law the Global Warming Solutions Act ("GWSA"), which established aggressive greenhouse gas ("GHG") emissions reduction targets of 25% from 1990 levels by 2020 and 80% from 1990 levels by 2050. Pursuant to the GWSA, the Secretary of the EEA issued the Clean Energy & Climate Plan for 2020 in December of 2010. Among other provisions, the GWSA obligates administrative agencies such

as the Siting Board, in considering and issuing permits, to consider reasonably foreseeable climate change impacts (e.g., additional GHG emissions) and related effects (e.g., sea level rise). The proposed improvements to the transmission system in the Marlborough Subarea of Subarea D will have no adverse climate change impacts or negative effects on sea levels. Consequently, the Project is consistent with the GWSA.

The Project, which will contribute to the long-term maintenance and reliability of the electric transmission system in the Marlborough Subarea of Subarea D and surrounding communities, will be constructed and operated in compliance with Massachusetts' policies regarding resource use and development. For example, in 2007, the EEA's Smart Growth/Smart Energy policy established the Commonwealth's Sustainable Development Principles, including: (1) supporting the revitalization of city centers and neighborhoods by promoting development that is compact, conserves land, protects historic resources and integrates uses; (2) encouraging remediation and reuse of existing sites, structures and infrastructure rather than new construction in undeveloped areas; and (3) protecting environmentally sensitive lands, natural resources, critical habitats, wetlands and water resources and cultural and historic landscapes. The Project will support these principles because the Project will be located primarily within an MBTA ROW and existing streets and does not require the establishment of new rights-of-way; thus, no previously undisturbed property will be affected by the siting, construction or installation of the Project.

AIR QUALITY SECTION

I. Thresholds

A. Will the project meet or exceed any review thresholds related to air quality (see 301 CMR 11.03(8))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to air quality? ☐ Yes ☒ No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the Solid and Hazardous Waste Section. If you answered "Yes" to either question A or question B, fill out the remainder of the Air Quality Section below.

II. Impacts and Permits

A. Does the project involve construction or modification of a major stationary source (see 310 CMR 7.00, Appendix A)? ☐ Yes ☐ No; if yes, describe existing and proposed emissions (in tons per day) of:

	Existing	Change	Total
Particulate matter			
Carbon monoxide			
Sulfur dioxide			
Volatile organic compounds			
Oxides of nitrogen			
Lead			
Any hazardous air pollutant			
Carbon dioxide			

B. Describe the project's other impacts on air resources and air quality, including noise impacts:

III. Consistency

A. Describe the project's consistency with the State Implementation Plan:

B. Describe measures that the proponent will take to comply with other federal, state, regional, and local plans and policies related to air resources and air quality:

SOLID AND HAZARDOUS WASTE SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to solid or hazardous waste (see 301 CMR 11.03(9))? ☐ Yes ☒ No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to solid and hazardous waste? ☐ Yes ☒ No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the Historical and Archaeological Resources Section. If you answered "Yes" to either question A or question B, fill out the remainder of the Solid and Hazardous Waste Section below.

II. Impacts and Permits

A. Is there any current or proposed facility at the project site for the storage, treatment, processing, combustion or disposal of solid waste? ☐ Yes ☐ No; if yes, what is the volume (in tons per day) of the capacity:

	Existing	Change	Total
Storage	_____	_____	_____
Treatment, processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

B. Is there any current or proposed facility at the project site for the storage, recycling, treatment or disposal of hazardous waste? ☐ Yes ☐ No; if yes, what is the volume (in tons or gallons per day) of the capacity:

	Existing	Change	Total
Storage	_____	_____	_____
Recycling	_____	_____	_____
Treatment	_____	_____	_____
Disposal	_____	_____	_____

C. If the project will generate solid waste (for example, during demolition or construction), describe alternatives considered for re-use, recycling, and disposal:

D. If the project involves demolition, do any buildings to be demolished contain asbestos?
☐ Yes ☐ No

E. Describe the project's other solid and hazardous waste impacts (including indirect impacts):

III. Consistency

Describe measures that the proponent will take to comply with the State Solid Waste Master Plan:

HISTORICAL AND ARCHAEOLOGICAL RESOURCES SECTION

I. Thresholds / Impacts

A. Have you consulted with the Massachusetts Historical Commission? ☐ Yes ☒ No; if yes, attach correspondence. For project sites involving lands under water, have you consulted with the Massachusetts Board of Underwater Archaeological Resources? ☐ Yes ☐ No; if yes, attach correspondence

B. Is any part of the project site a historic structure, or a structure within a historic district, in either case listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? ☒ Yes ☐ No; if yes, does the project involve the demolition of all or any exterior part of such historic structure? ☐ Yes ☐ No; if yes, please describe:

The Project crosses two historic districts (SUD.P and SUD.B) and four historic sites (SUD.282, HUD.908, SUD.900, and SUD.901), three of which are existing bridges along the MBTA ROW. The Project will reuse and rehabilitate these bridges such that they can accommodate a utility crossing. All three bridges have been individually inventoried but have not been assessed for eligibility for listing on the National Register of Historic Places. The Company will coordinate with MHC to ensure that this work is done in a manner that does not result in adverse effects to these resources.

C. Is any part of the project site an archaeological site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? ☒ Yes ☐ No; if yes, does the project involve the destruction of all or any part of such archaeological site? ☐ Yes ☒ No; if yes, please describe:

The Project crosses SUD-HA-26. No impacts are anticipated to archaeological resources due to the previously disturbed nature of the ROW. However, the Company will continue to coordinate with Commonwealth Heritage Group, Inc., to evaluate potential impacts to archaeological resources prior to construction and to identify areas that should be avoided or which, if not able to be avoided, would necessitate measures to protect the cultural resource.

D. If you answered "No" to <u>all parts of both</u> questions A, B and C, proceed to the Attachments and Certifications Sections. If you answered "Yes" to <u>any part of either</u> question A or question B, fill out the remainder of the Historical and Archaeological Resources Section below.

II. Impacts

Describe and assess the project's impacts, direct and indirect, on listed or inventoried historical and archaeological resources:

The Project crosses two historic districts (SUD.P and SUD.B) and four historic sites (SUD.282, HUD.908, SUD.900, and SUD.901), three of which are existing bridges along the MBTA ROW. The Project will reuse and rehabilitate these bridges such that they can accommodate a utility crossing. All three bridges have been individually inventoried but have not been assessed for eligibility for listing on the National Register of Historic Places.

The Project crosses SUD-HA-26. No impacts are anticipated to archaeological resources due to the previously disturbed nature of the ROW.

III. Consistency

Describe measures that the proponent will take to comply with federal, state, regional, and local plans and policies related to preserving historical and archaeological resources:

The Company will coordinate with MHC to ensure that the bridge rehabilitation work is done in a manner that does not result in adverse effects to these resources.

No impacts are anticipated to archaeological resources due to the previously disturbed nature of the ROW. However, the Company will continue to coordinate with Commonwealth Heritage Group, Inc., to evaluate potential impacts to archaeological resources prior to construction and to identify areas that should be avoided or which, if not able to be avoided, would necessitate measures to protect the cultural resource. Procedures to handle unanticipated discoveries during construction will also be specified as part of a Construction Management Plan.

The Project and Noticed Variation will be subject to review under Section 106 of the National Historic Preservation Act (36 C.F.R 800, "Section 106") and will require a permit from the USACE. The Project and Noticed Variation will also be subject to review by the Massachusetts Historical Commission ("MHC") under G.L. c. 9 §§ 26–27C. The Company will coordinate with the USACE and MHC to avoid and/or minimize adverse effects to any eligible historic resource and to archaeological resources. As part of the USACE's Section 404 permit review, and pursuant to Section 106, the federal agency will also consult with Native American Tribes that express an interest in the cultural resources that may be affected by those portions of the routes subject to USACE and MHC jurisdiction. MHC and local historic commissions will provide review and comment under the MEPA process.

CERTIFICATIONS:

1. **The Public Notice of Environmental Review has been/will be published in the following newspapers in accordance with 301 CMR 11.15(1):**

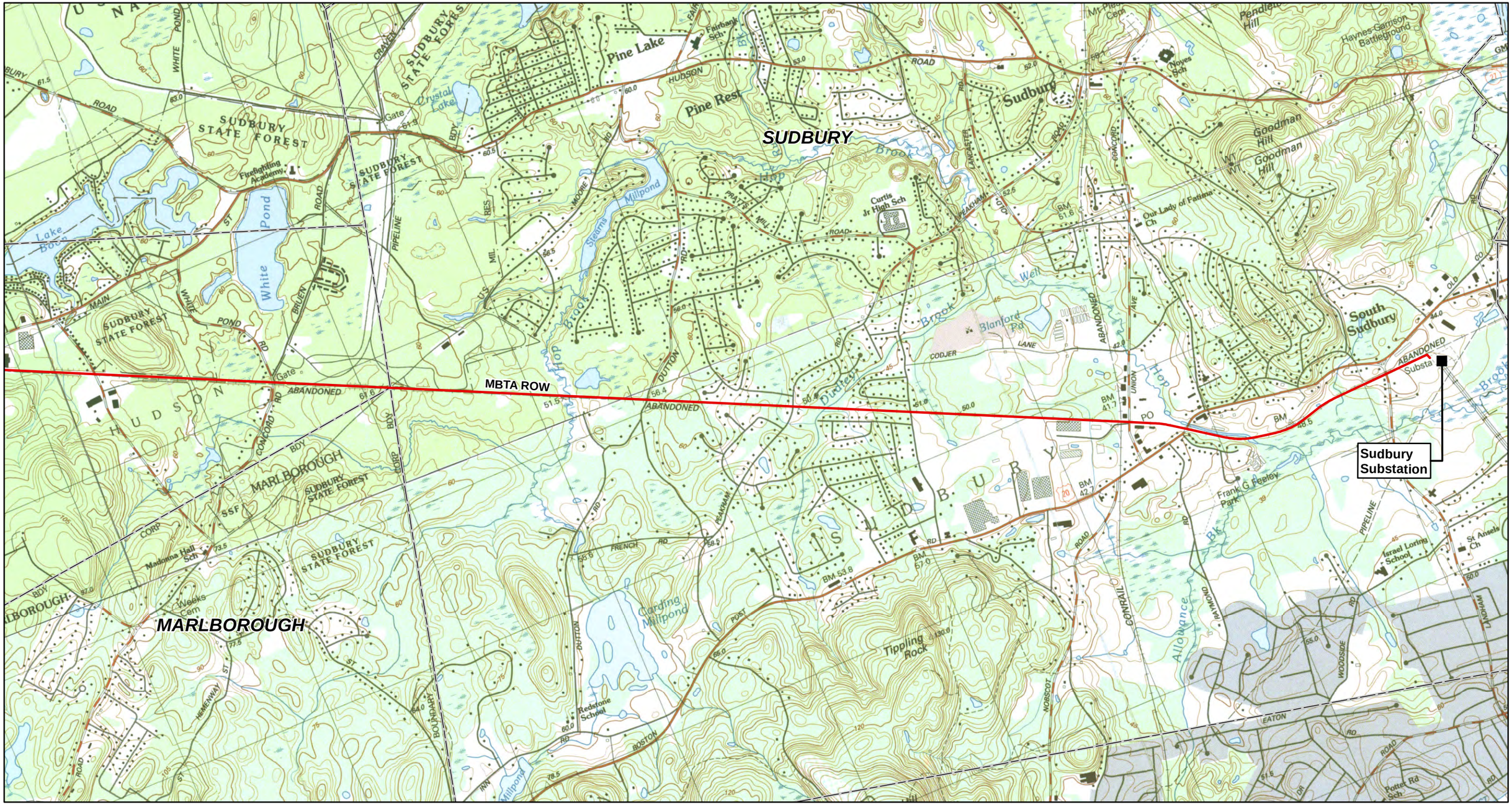
   (Name) MetroWest Daily News **(Date)** May 24, 2017

2. **This form has been circulated to Agencies and Persons in accordance with 301 CMR 11.16(2).**

Signatures:

5/8/17	5/8/17
Date **Signature of Responsible Officer or Proponent**	**Date** **Signature of person preparing ENF (if different from officer/proponent)**
Denise Bartone	Marc Bergeron
Name (print or type)	**Name (print or type)**
Eversource	VHB
Firm/Agency	**Firm/Agency**
247 Station Drive, SE270	Union Station, 2 Washington Square, Suite 219
Street	**Street**
Westwood, MA 02090	Worcester, MA 01604
Municipality/State/Zip	**Municipality/State/Zip**
781-441-8174	508-752-1001
Phone	**Phone**

Attachment A: USGS Map



MBTA ROW Boundary

Substation Location

Municipal Boundary

EVERSOURCE ENERGY

Sudbury-Hudson Transmission Reliability Project

Attachment A: USGS Map

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Source: MassGIS, VHB

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Sheet 1 of 2

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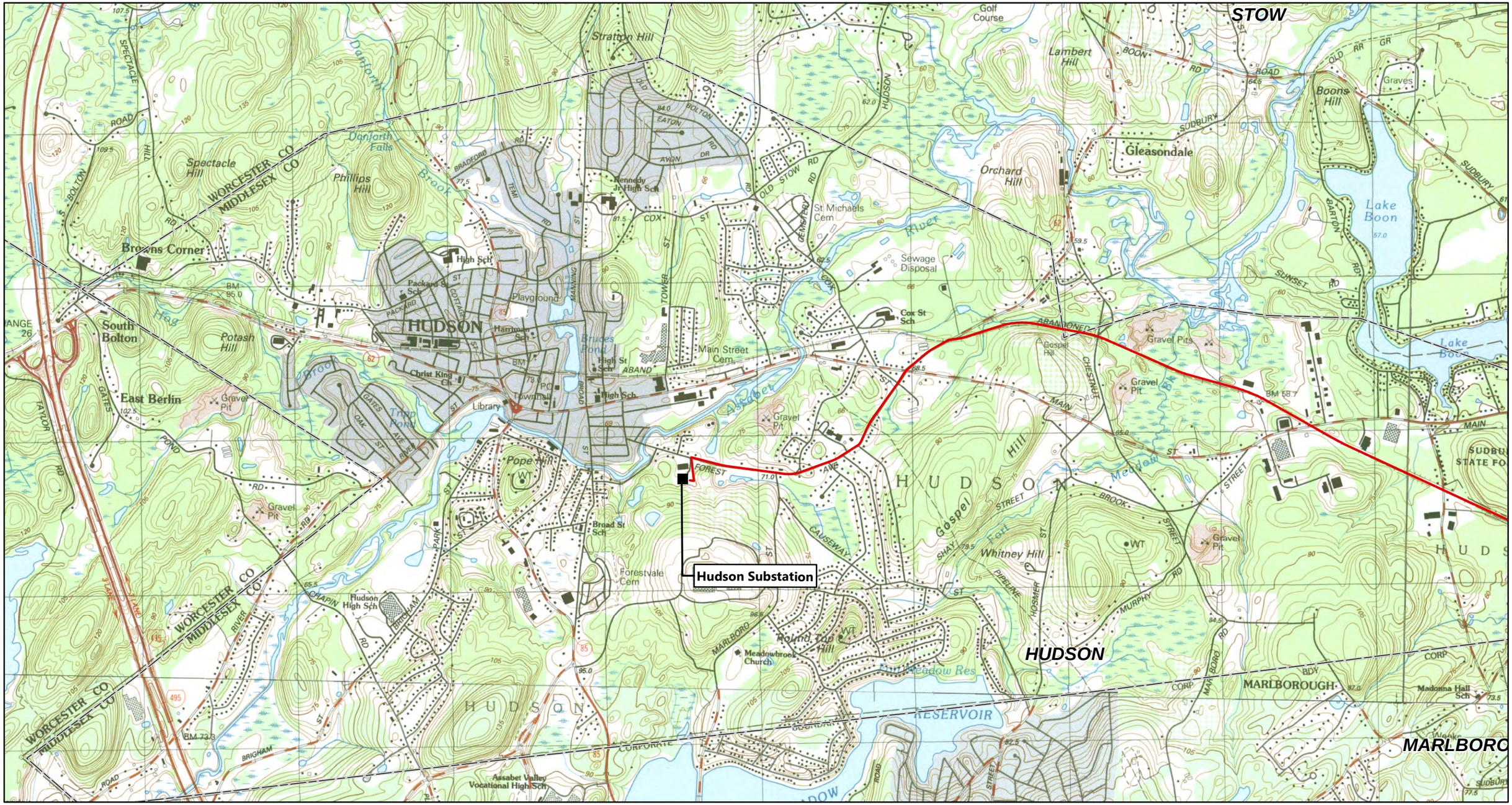

MBTA ROW Boundary

Substation Location

Municipal Boundary

N

Source: MassGIS, VHB

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Sudbury-Hudson Transmission Reliability Project

Attachment A: USGS Map

Sheet 2 of 2

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Attachment B: Existing Conditions

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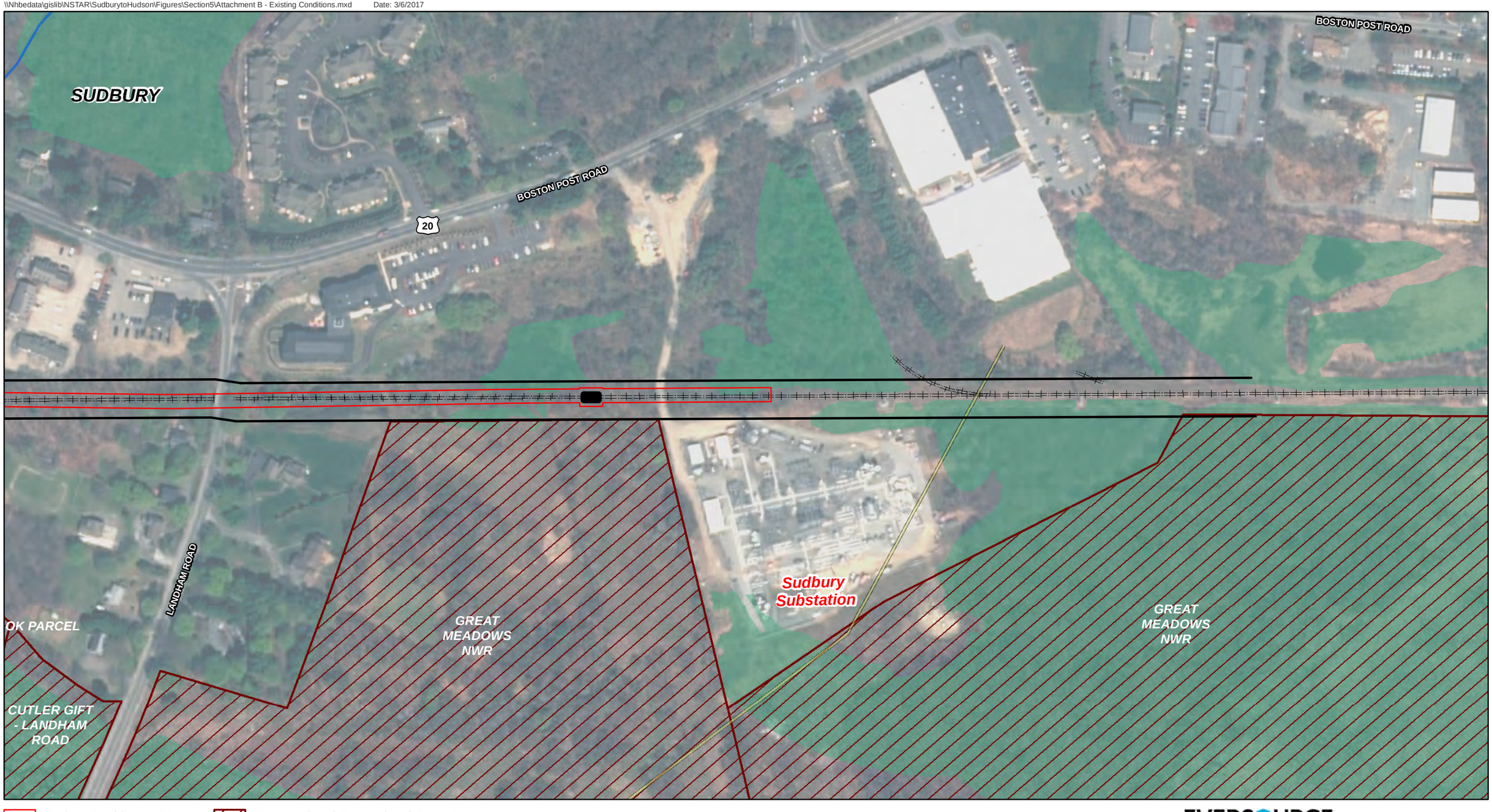

- Project Corridor on ROW
- Project Corridor in Road
- MBTA ROW Boundary
- Splice Vault Locations
- Existing Transmission Lines
- Stream
- Wetland Resource Area
- Protected and Recreational Open Space
- Existing Rails
- Town Boundaries

NOTE: Project alignment is conceptual and subject to change.

Source: MassGIS, 2015 OrthoImagery, VHB

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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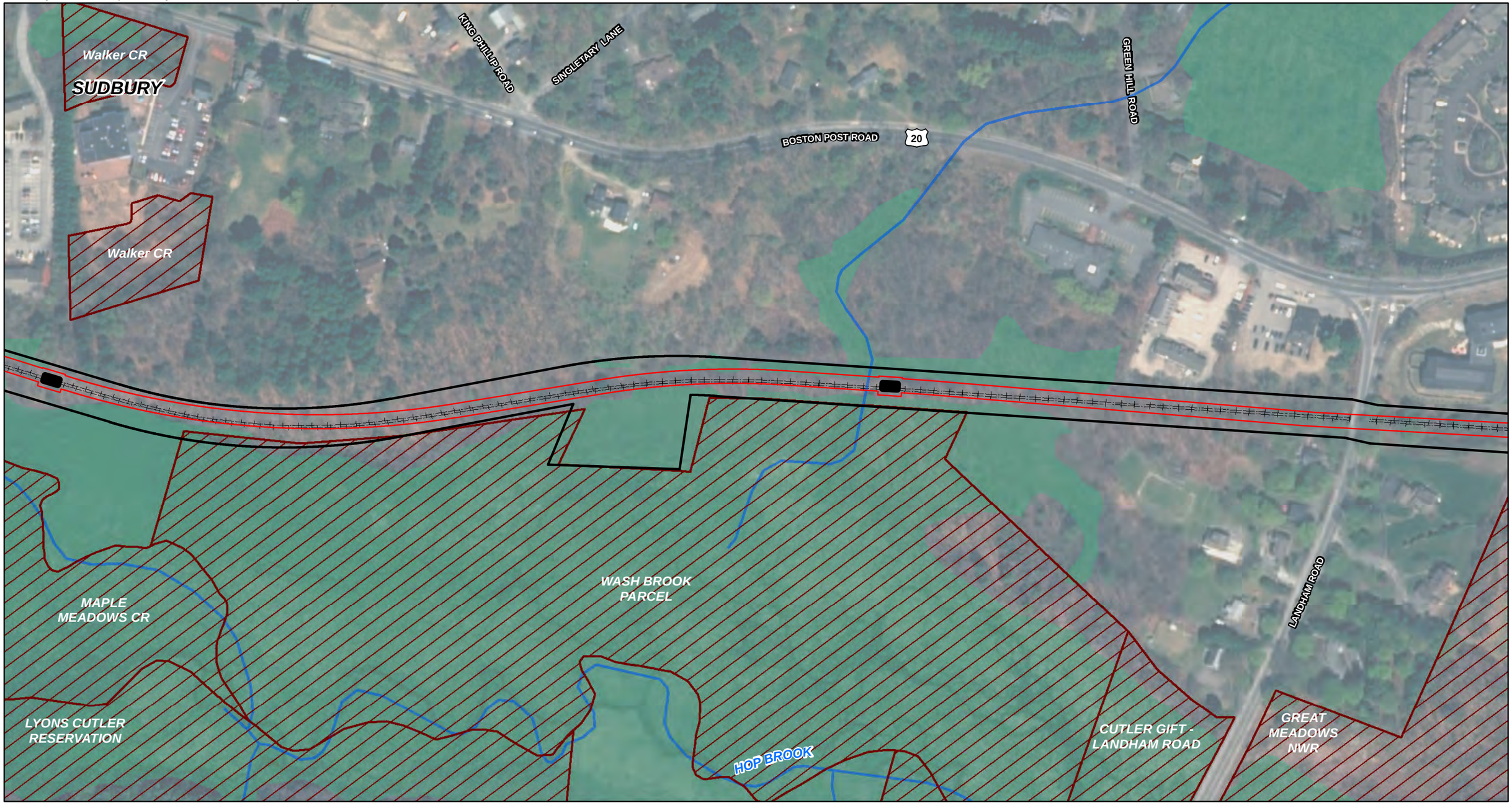

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MassGIS, 2015
OrthoImagery, VHB

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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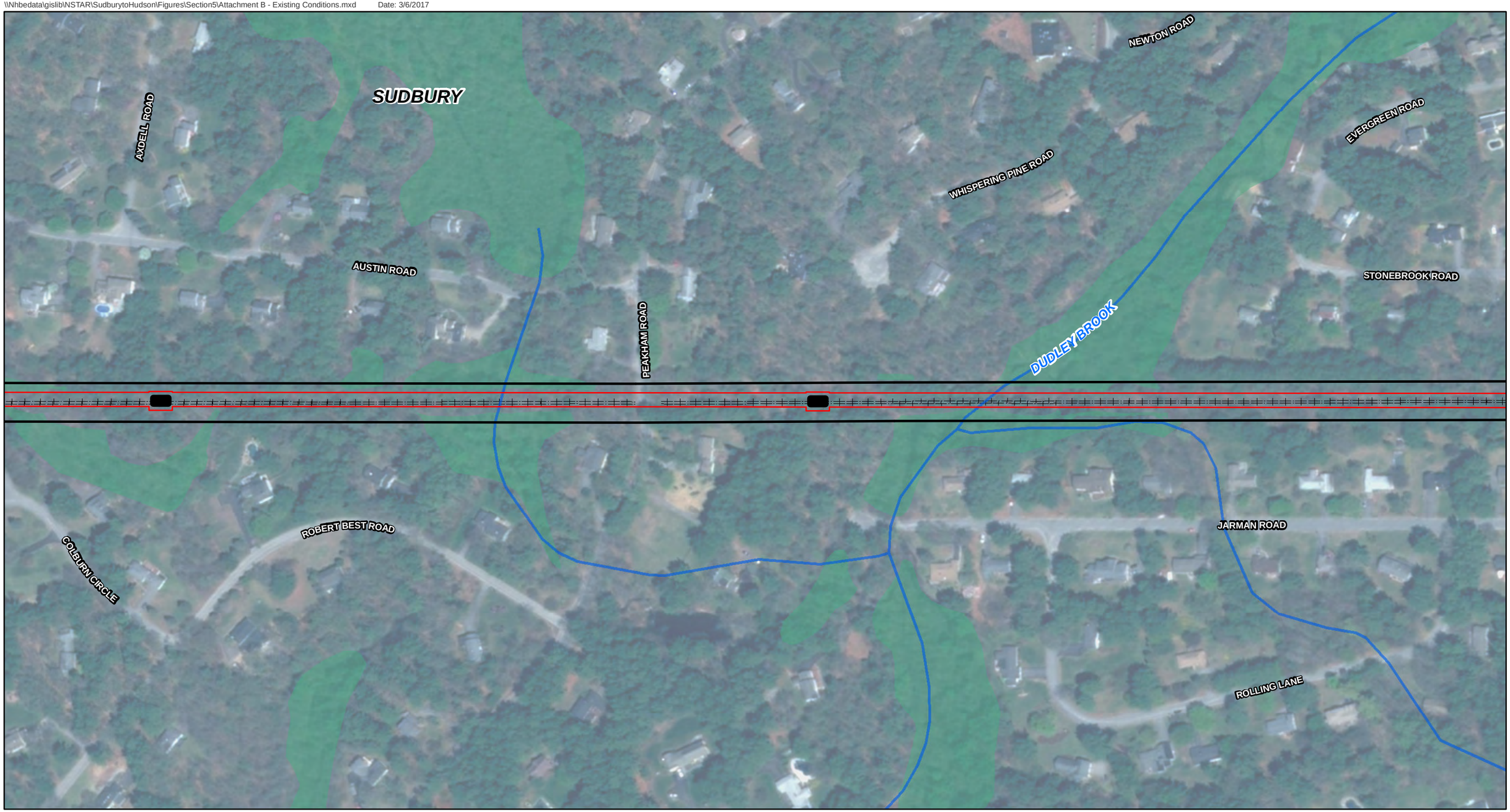

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

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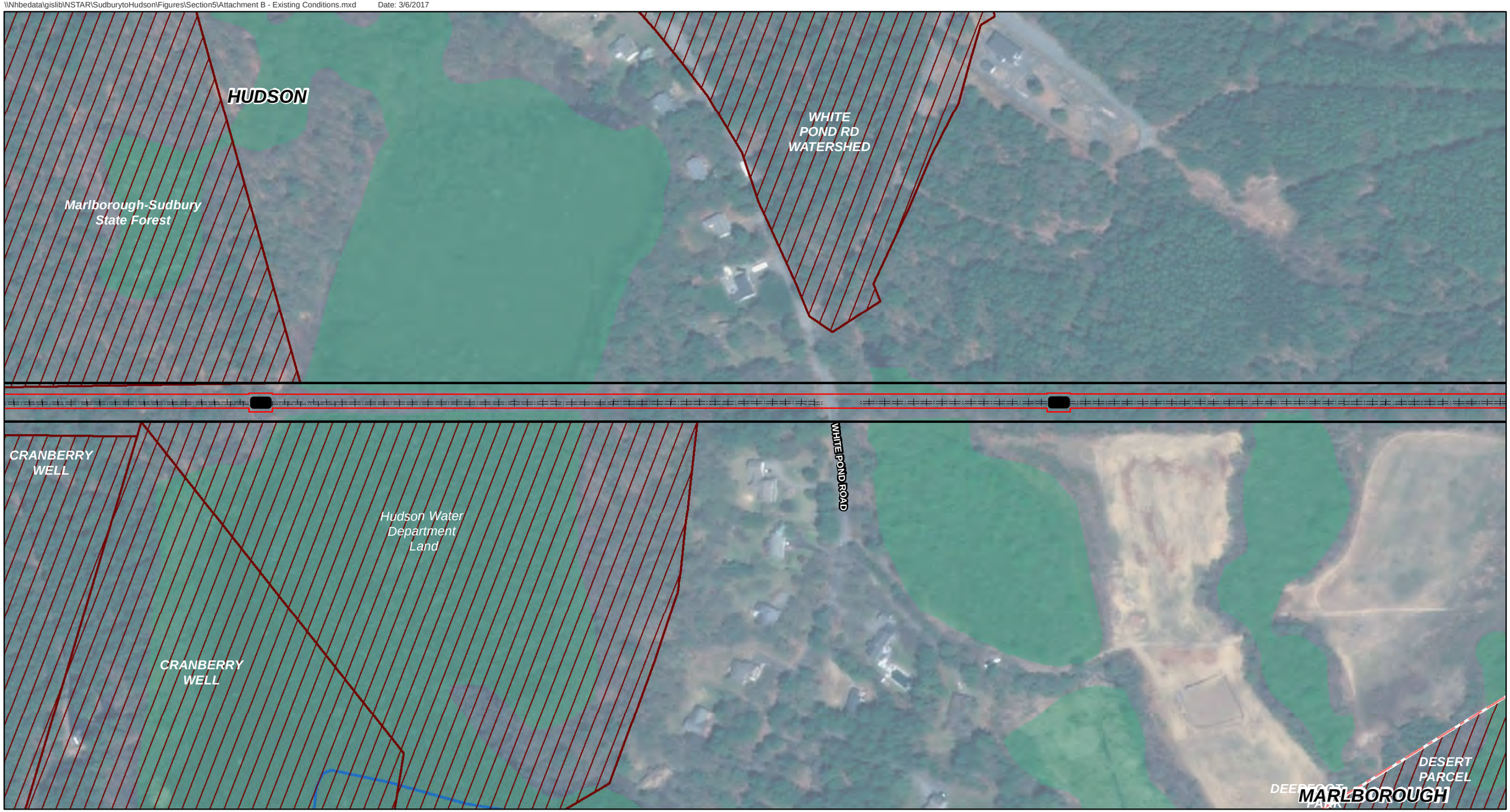

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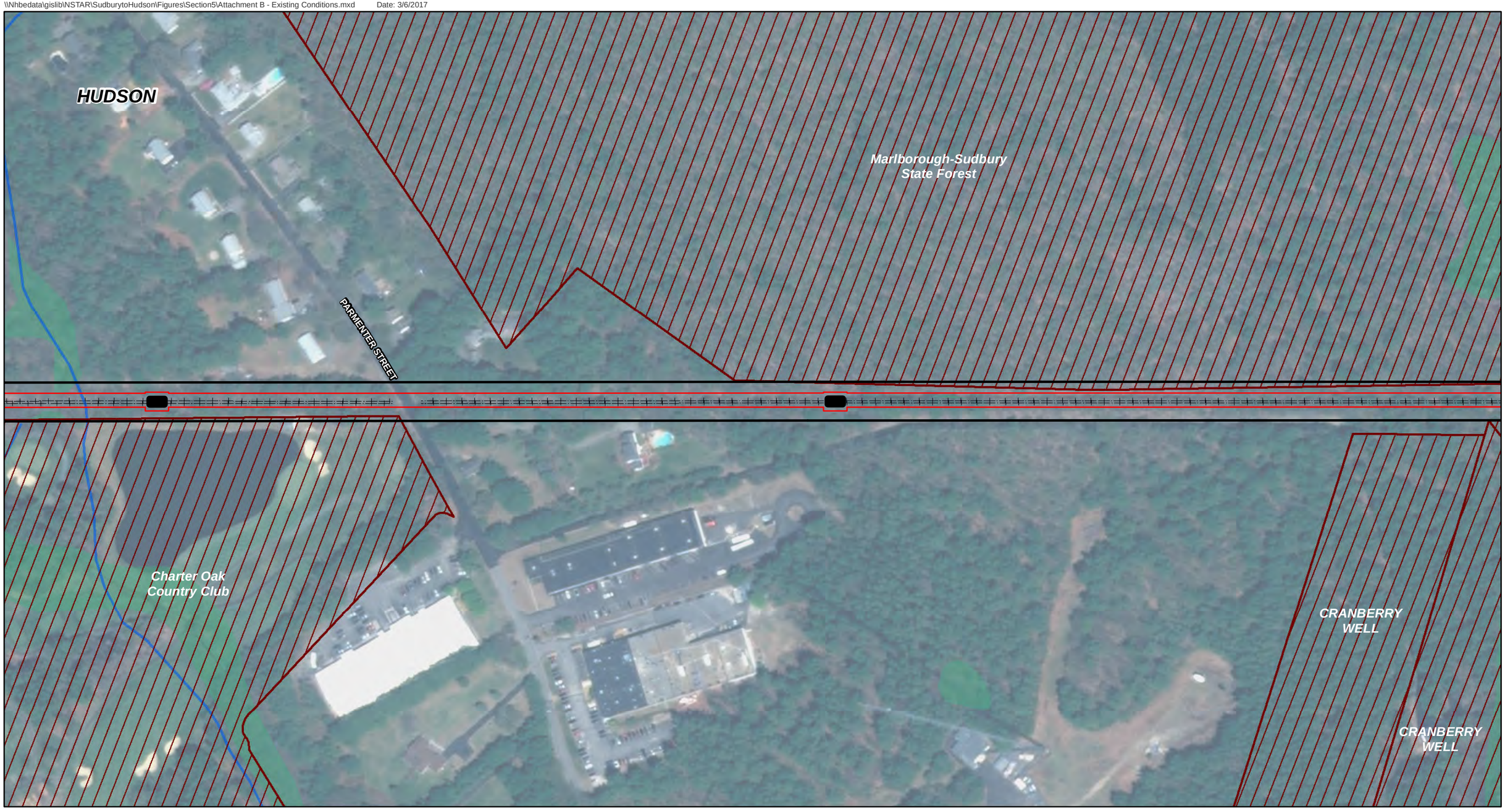

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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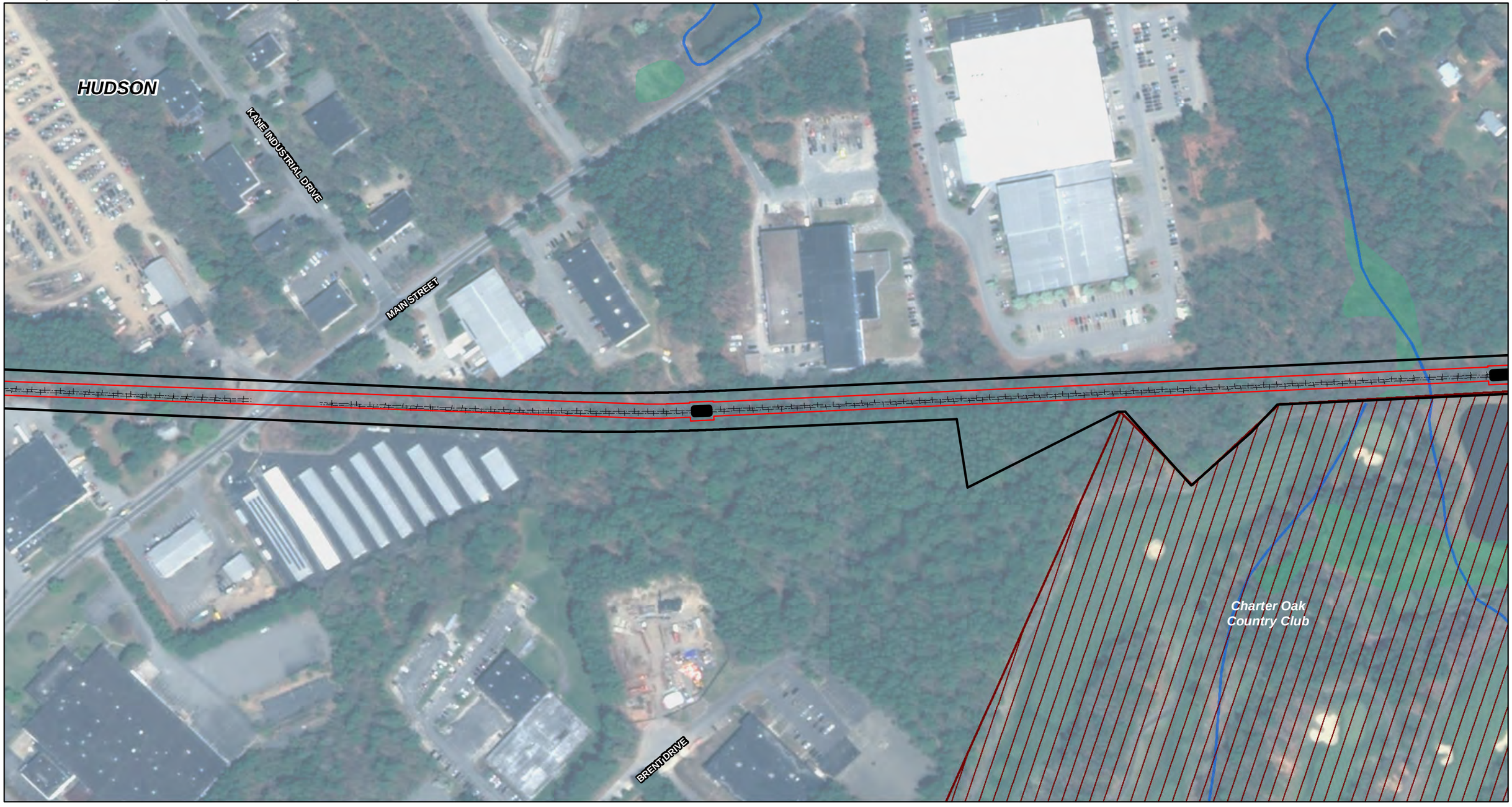

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MassGIS, 2015
OrthoImagery, VHB

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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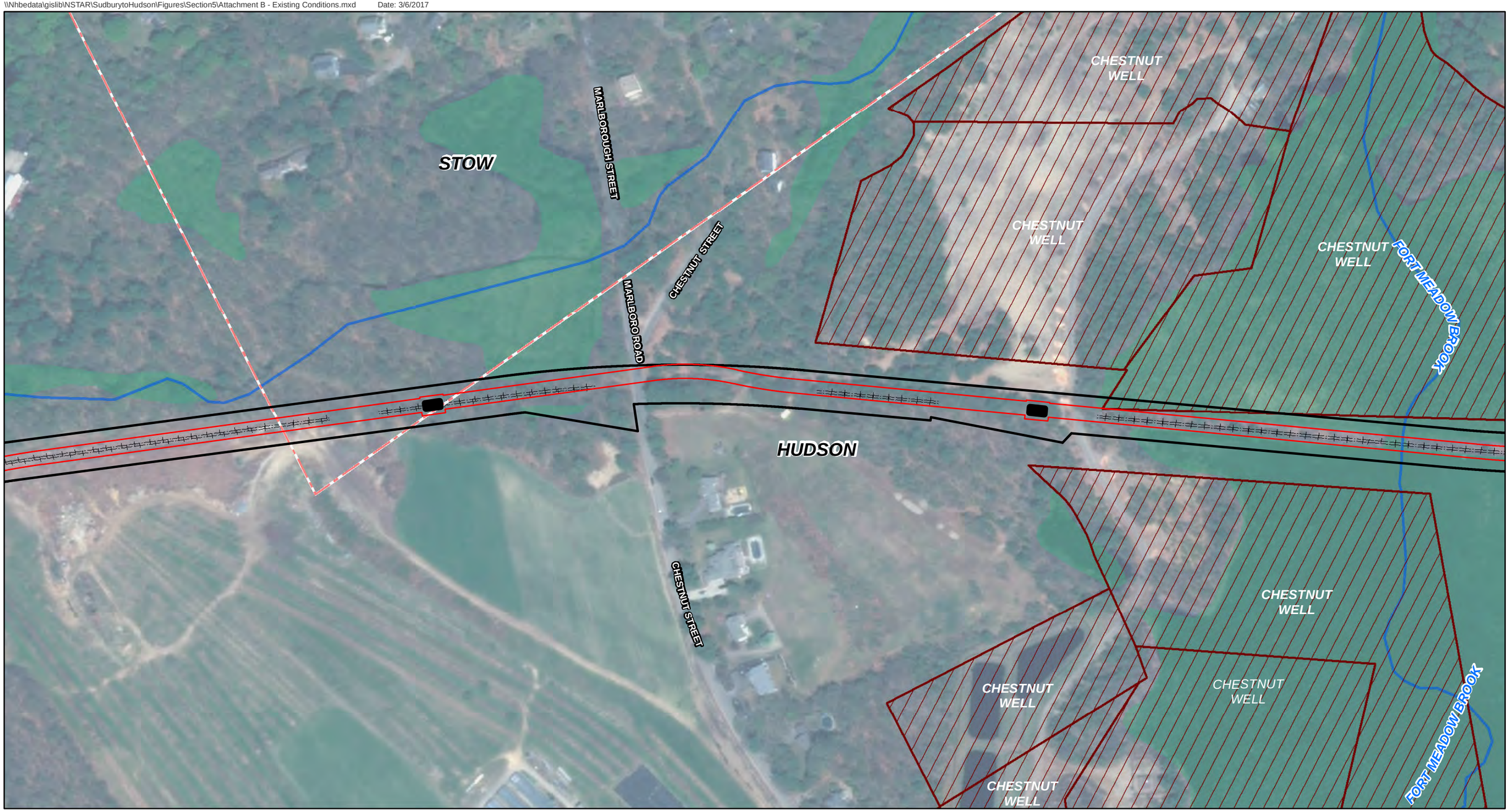

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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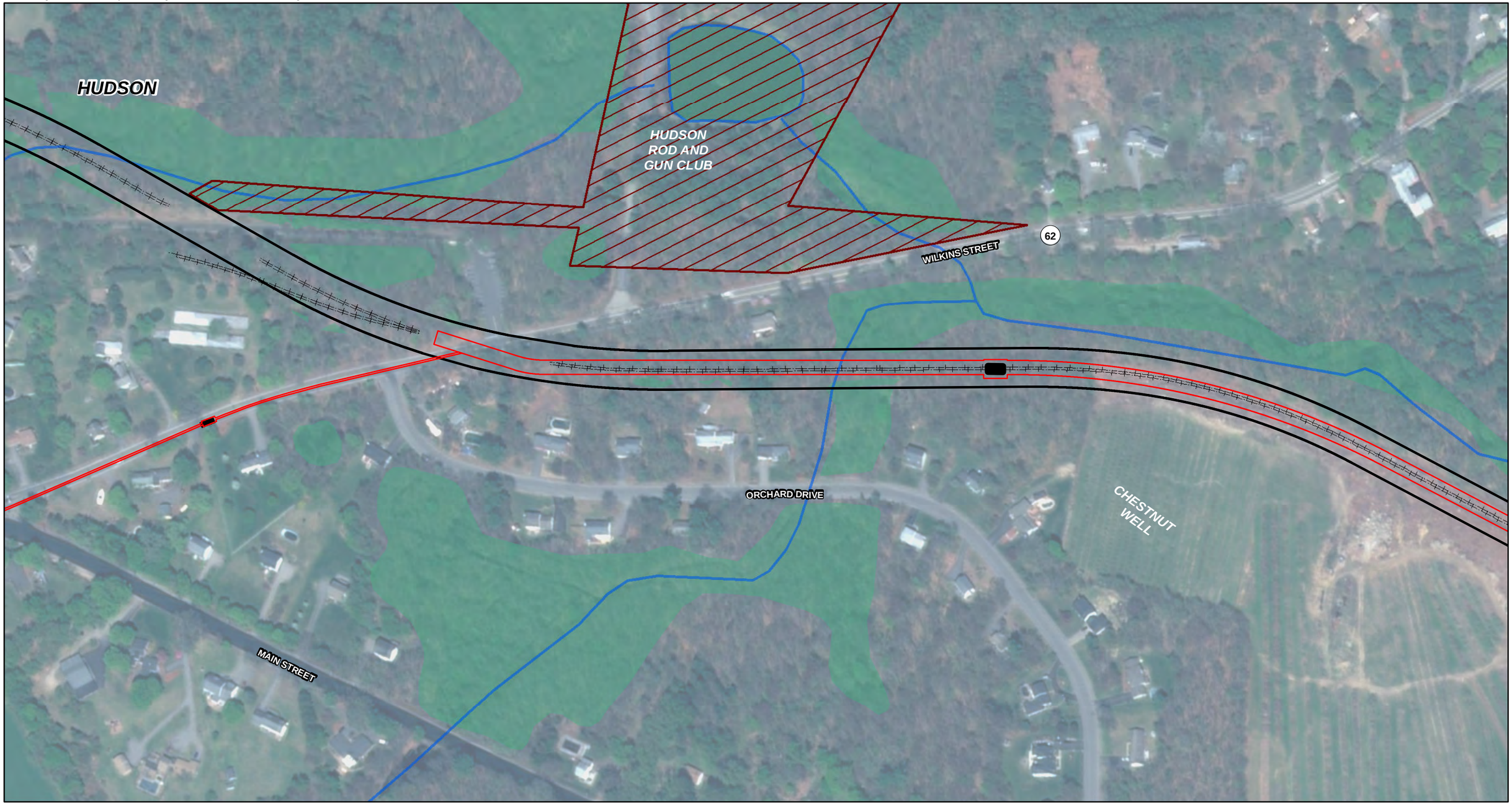

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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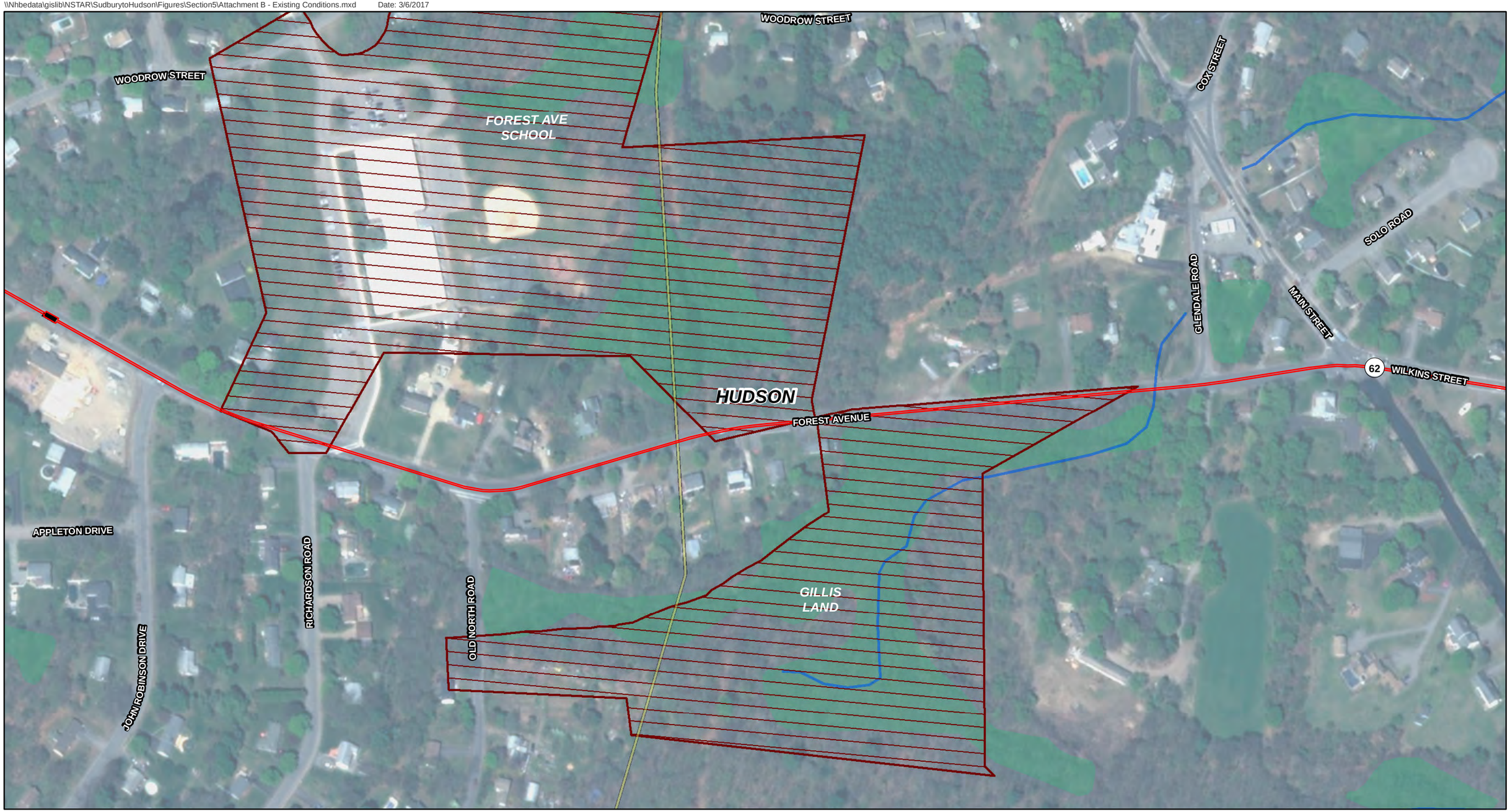

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Attachment B: Existing Conditions

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- Project Corridor on ROW
- Project Corridor in Road
- MBTA ROW Boundary
- Splice Vault Locations
- Existing Transmission Lines
- Stream
- Wetland Resource Area
- Protected and Recreational Open Space
- Existing Rails
- Town Boundaries

NOTE: Project alignment is conceptual and subject to change.

Source:
MassGIS, 2015
OrthoImagery, VHB

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Sudbury-Hudson Transmission Reliability Project

Attachment B: Existing Conditions

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Sheet 17 of 17

Attachment C: Environmental Constraints

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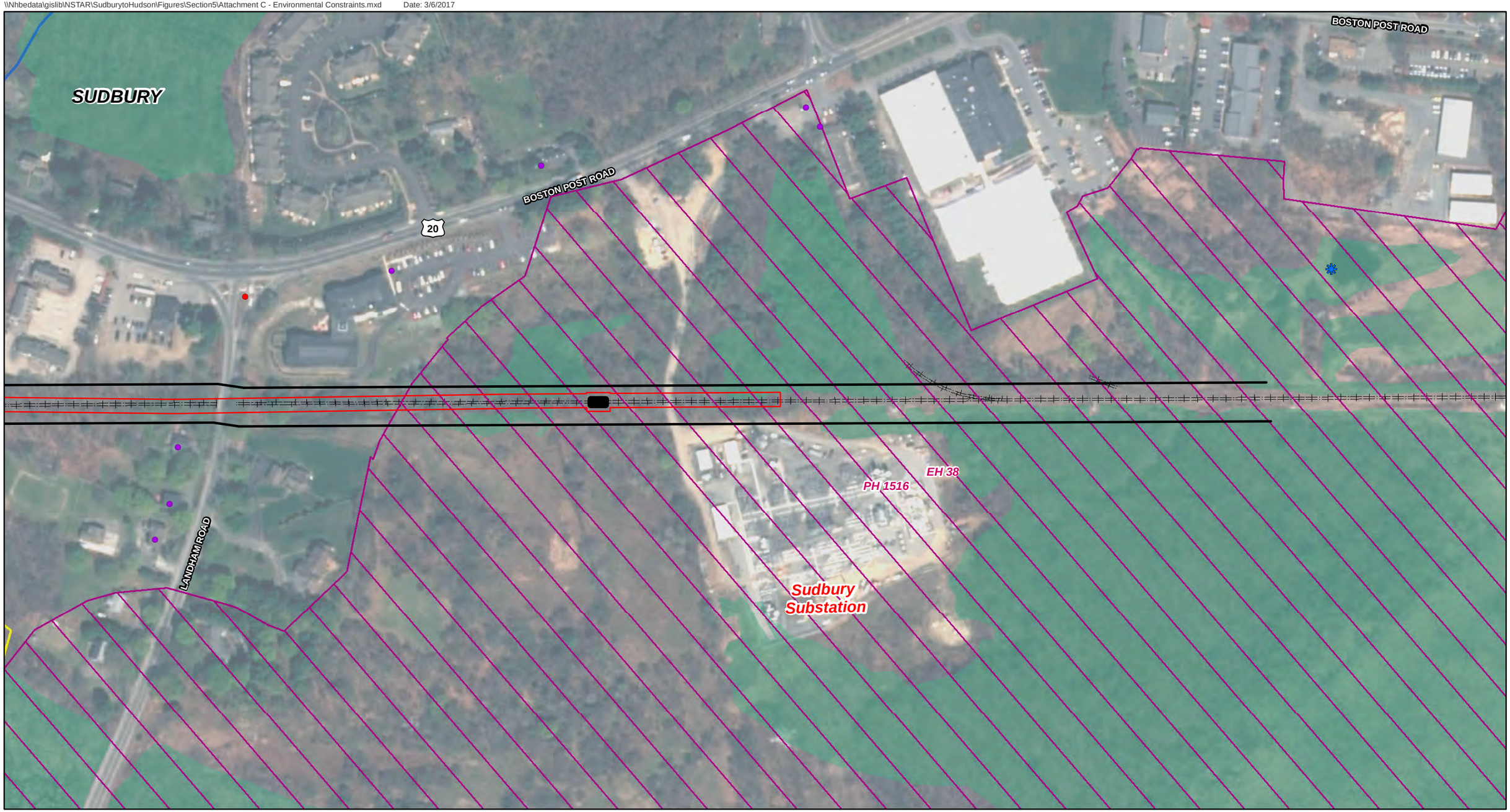

- Project Corridor on ROW
- Project Corridor in Road
- MBTA ROW Boundary
- Splice Vault Locations
- NHESP Certified Vernal Pool
- NHESP Potential Vernal Pool
- Zone I Wellhead Protection Area
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- Aquifer
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- Preservation Restriction
- Local Historic District
- NRHP and LHD
- Inventoried Property
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- Preservation Restriction
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NOTE: No Chapter 91 Jurisdictional Areas or ACECs within Project Area.
Project alignment is conceptual and subject to change.

Source:
MassGIS, 2015
OrthoImagery, VHB

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EVERSOURCE ENERGY

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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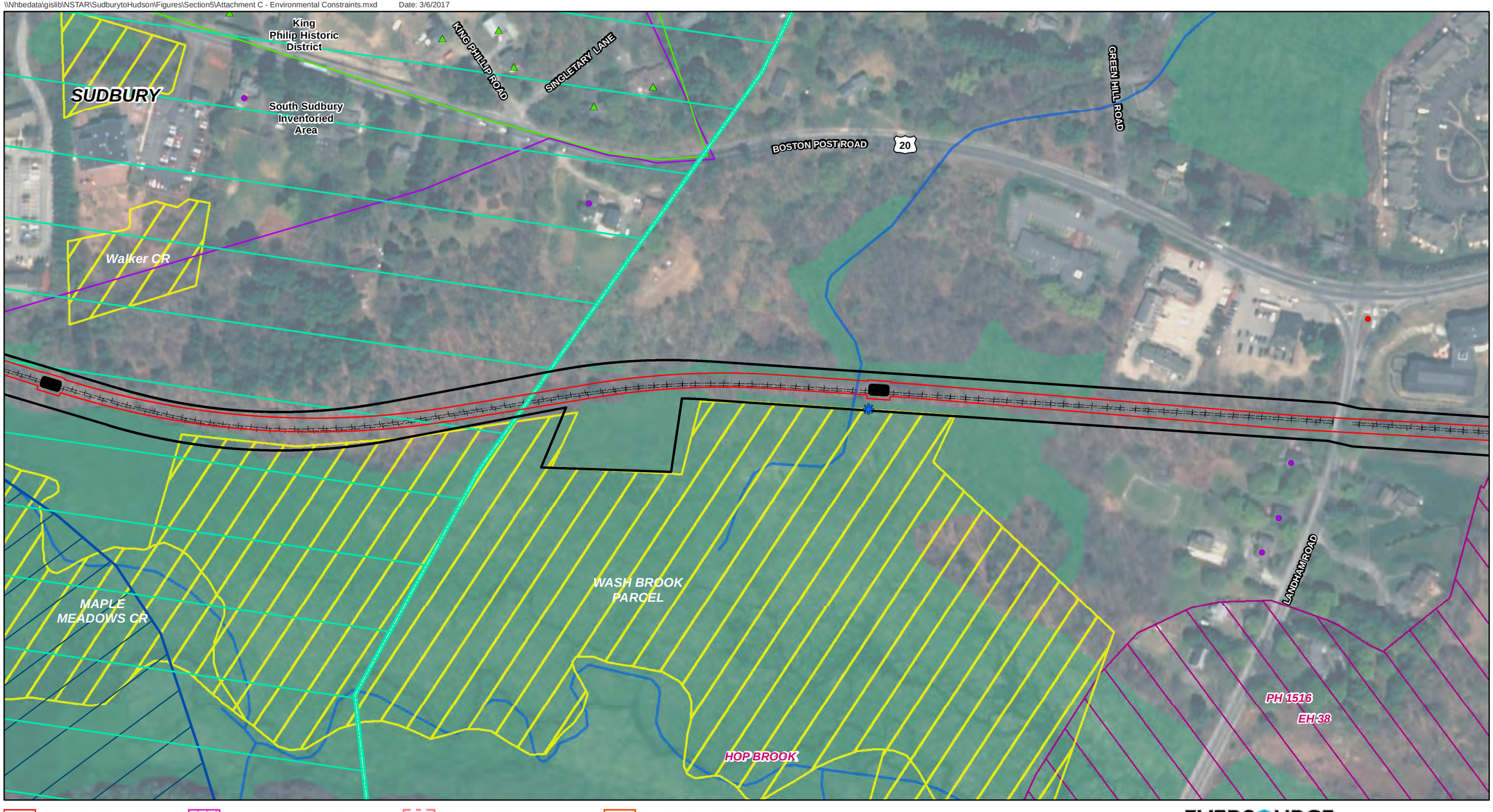

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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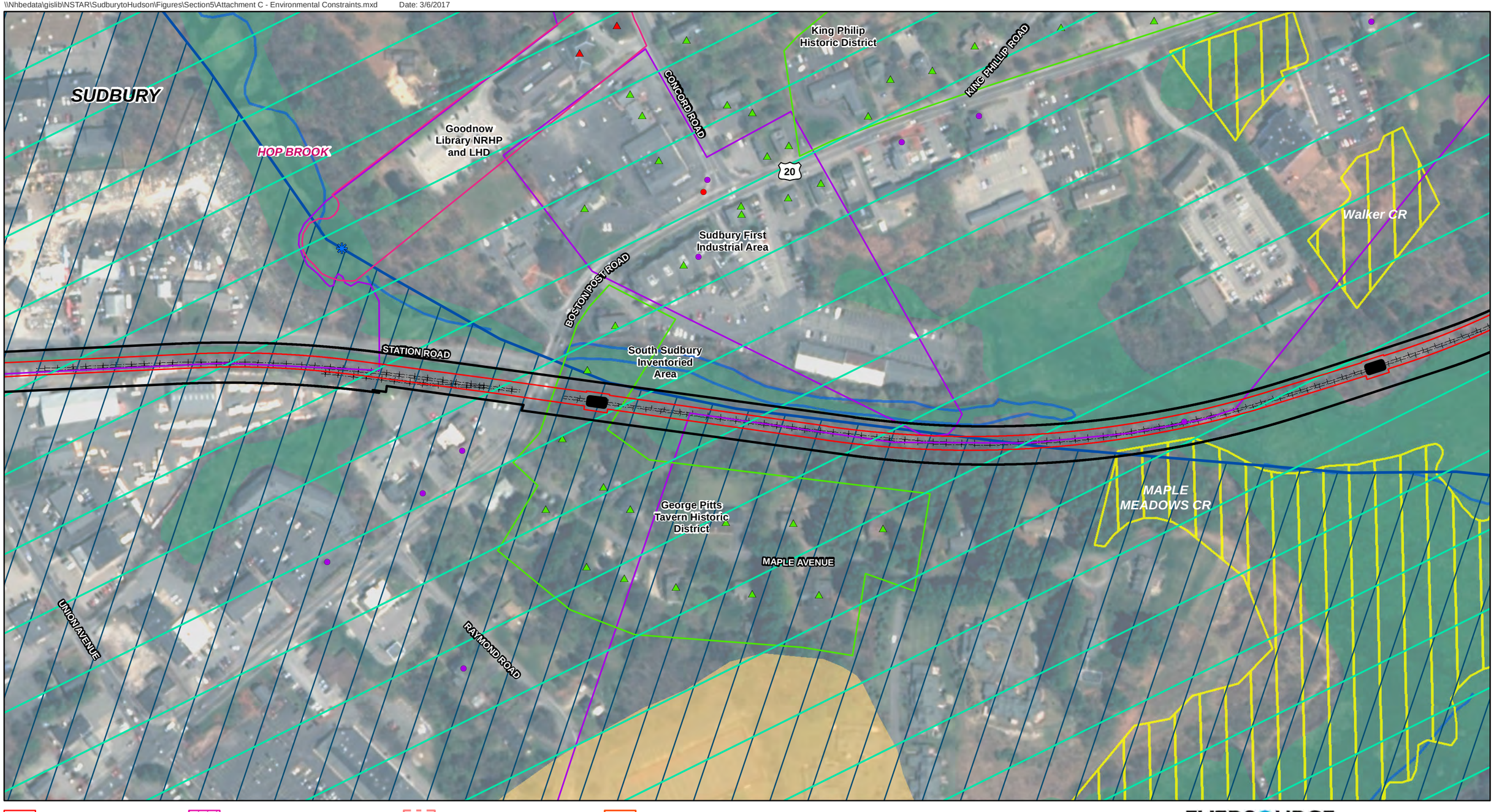

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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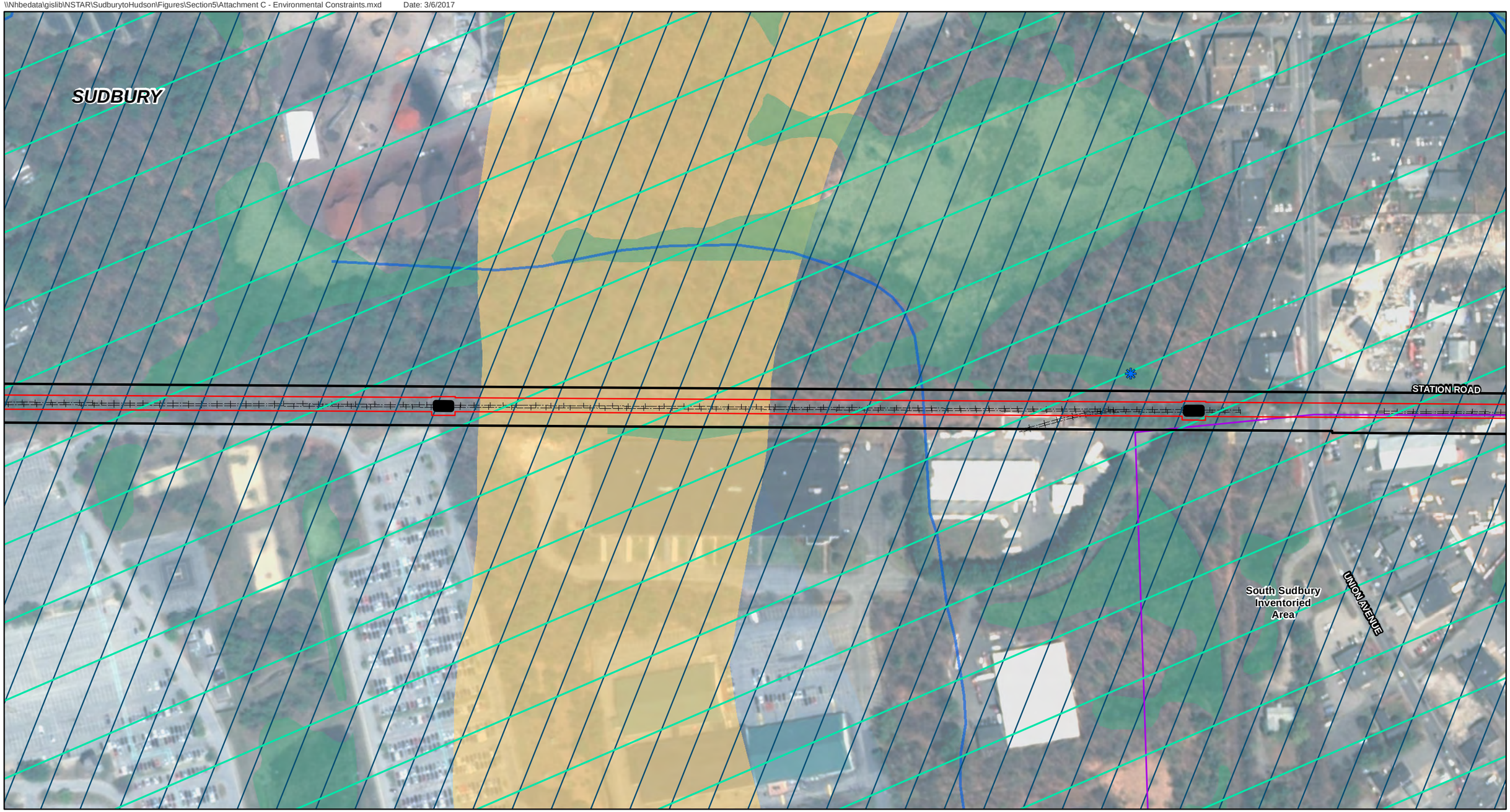
Sheet 3 of 17



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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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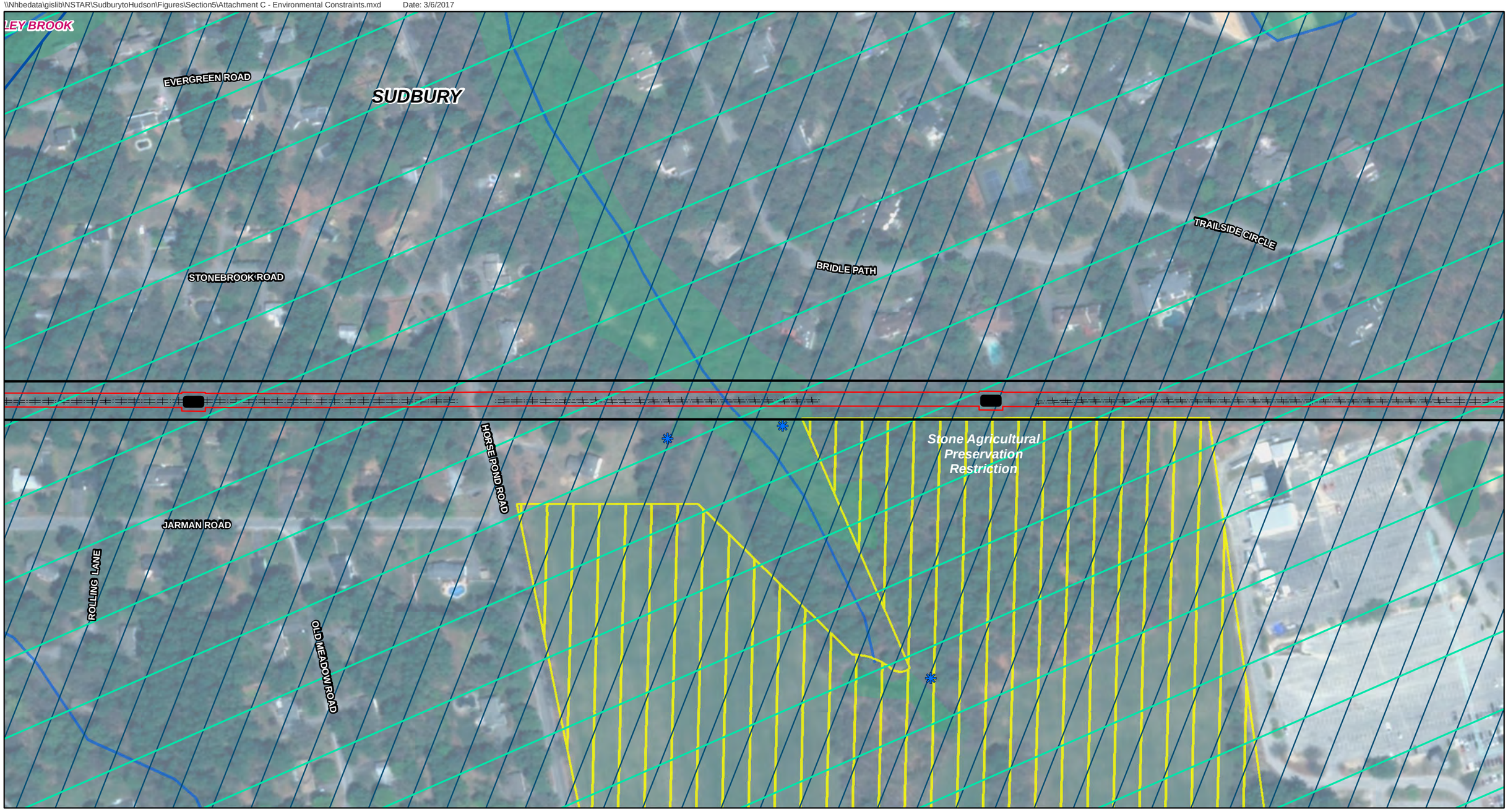

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MassGIS, 2015
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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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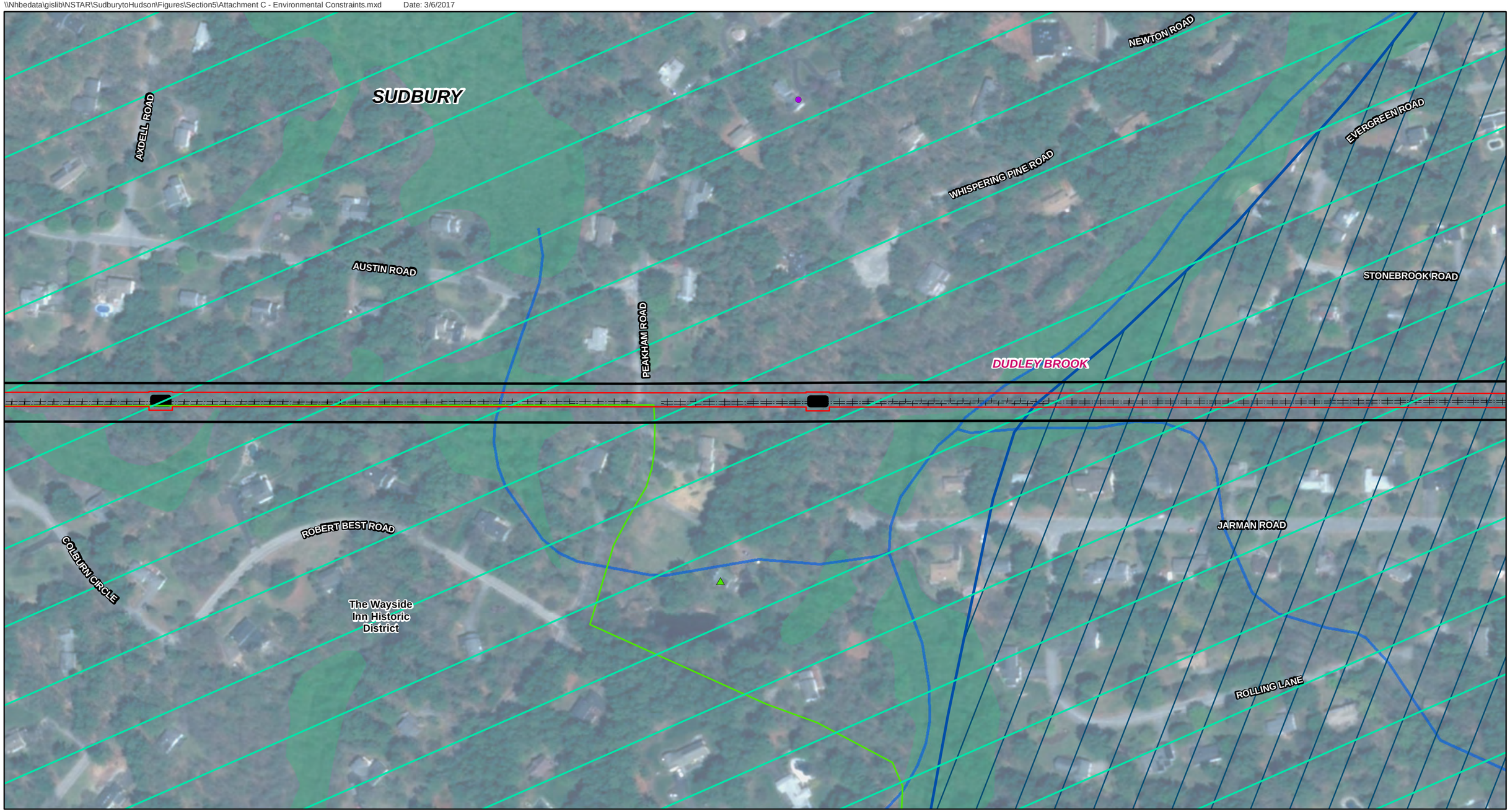

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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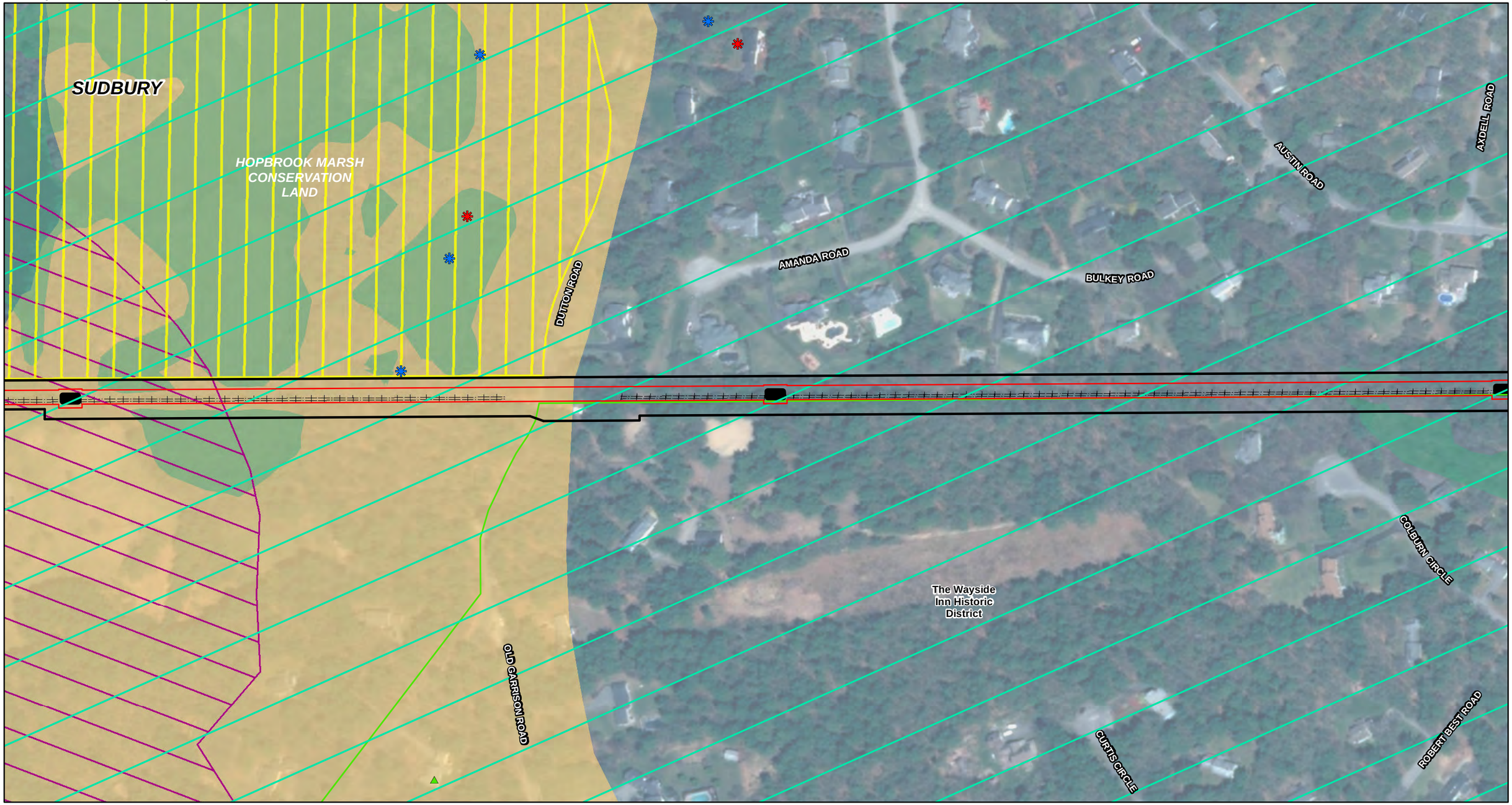

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Sudbury-Hudson Transmission Reliability Project

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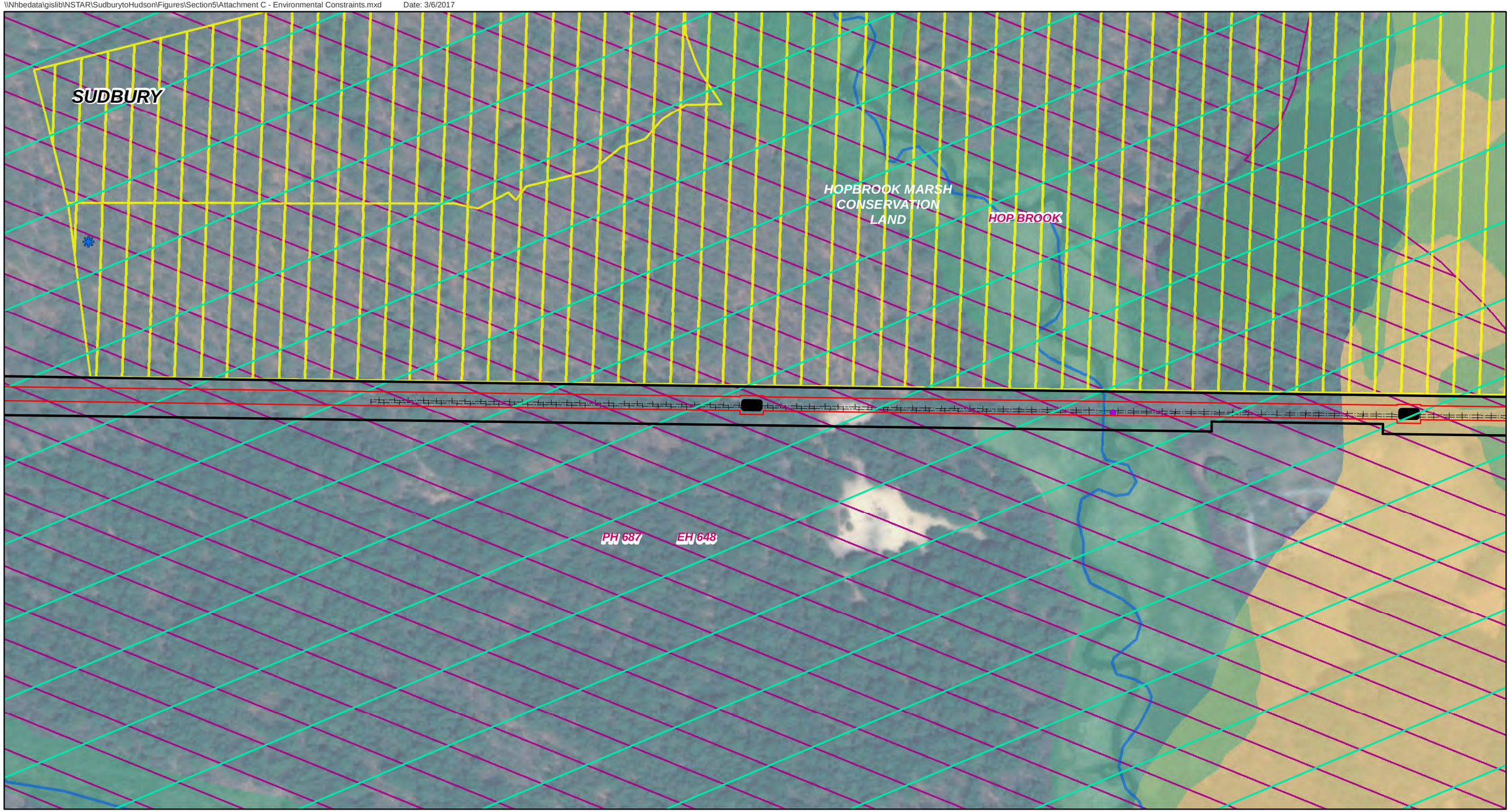

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Sudbury-Hudson Transmission Reliability Project

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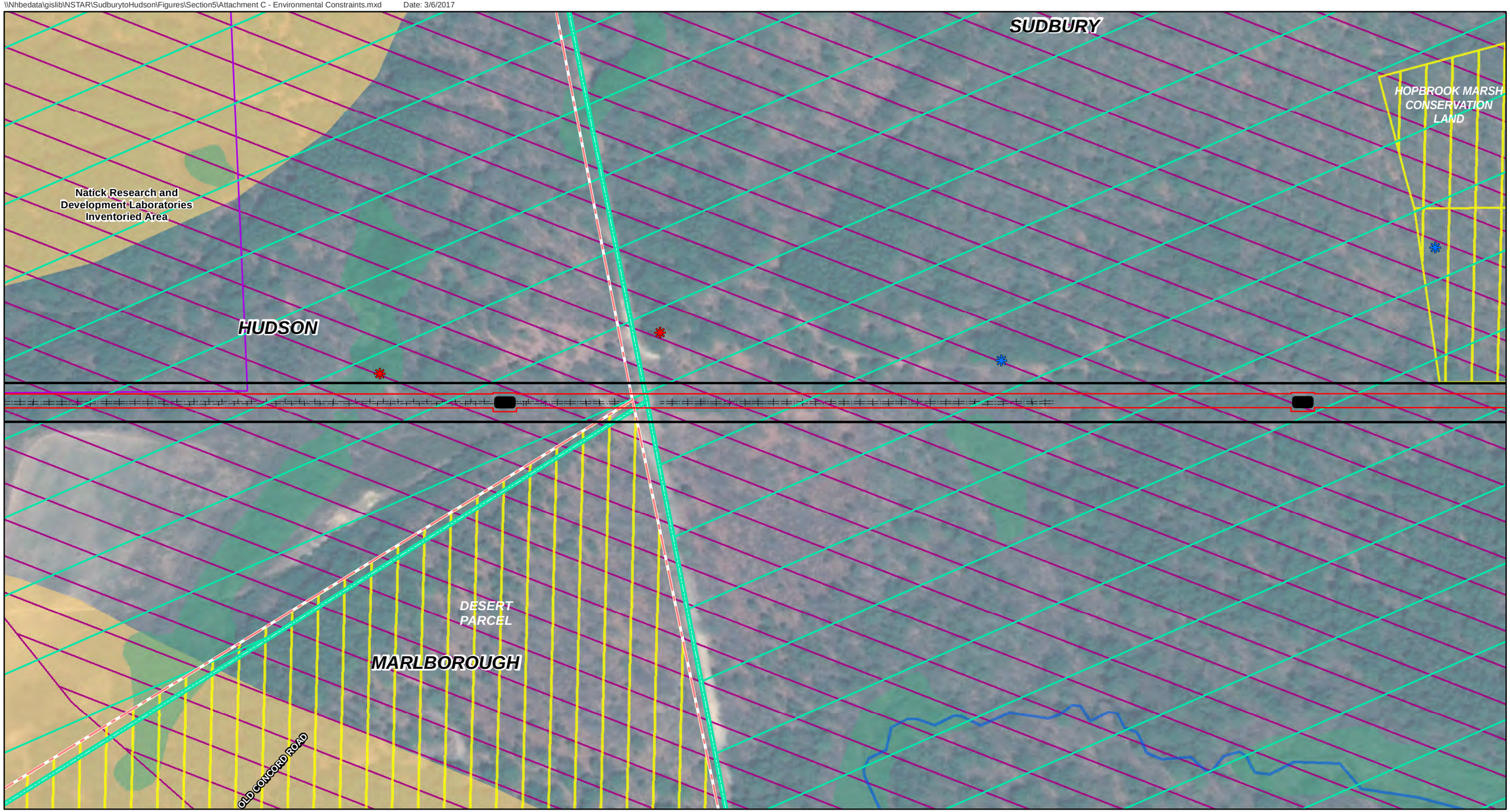

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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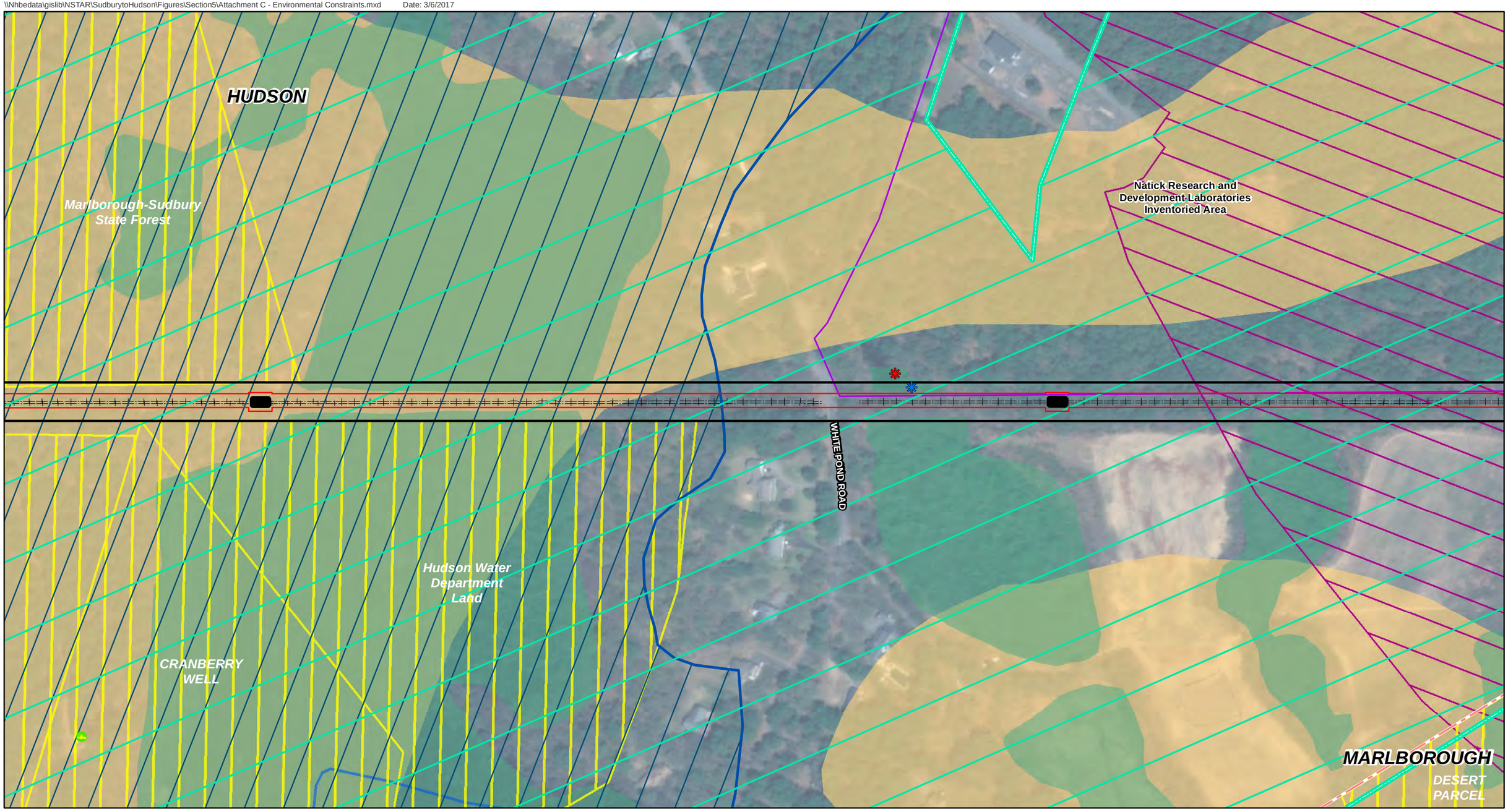

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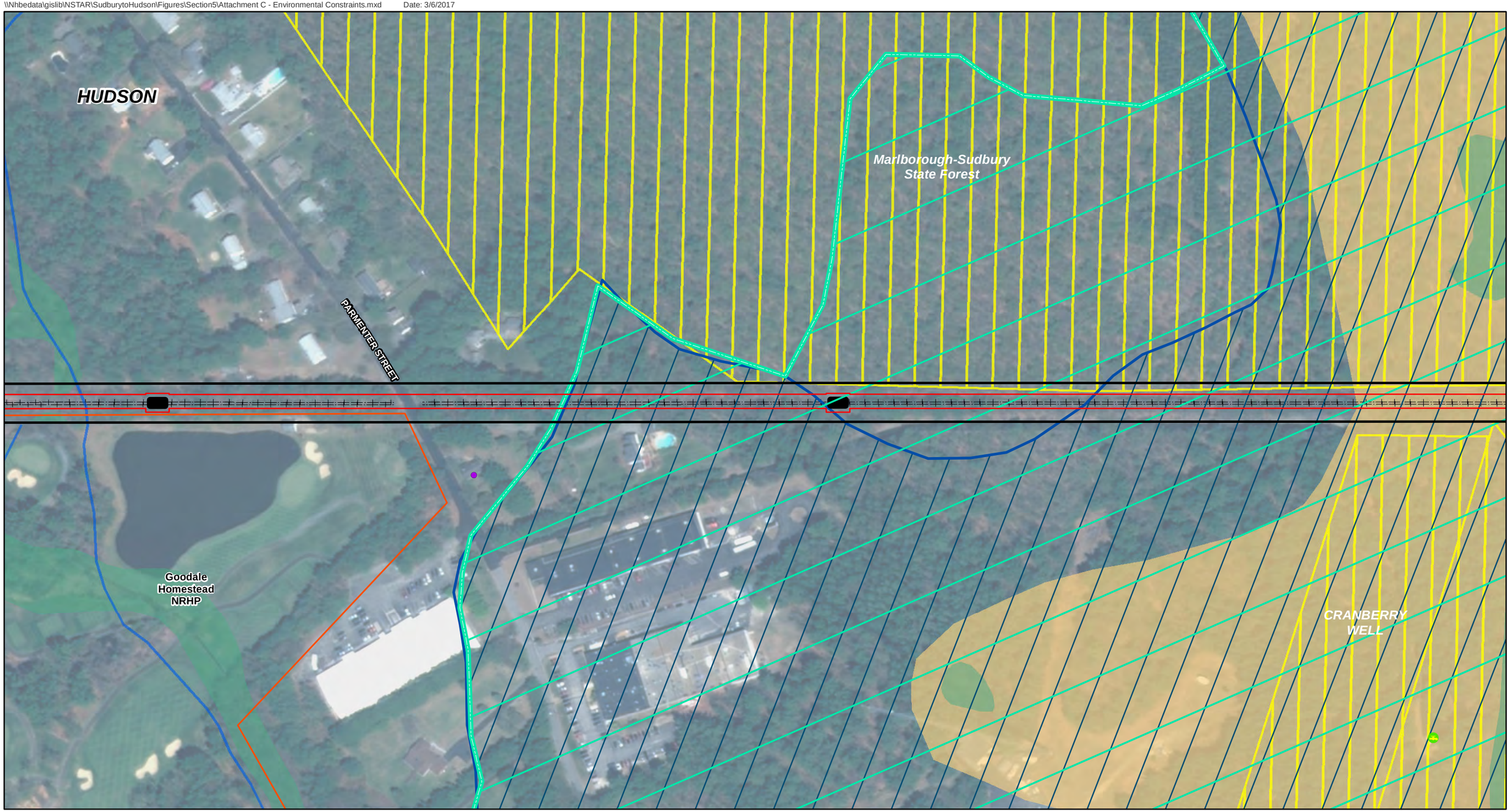

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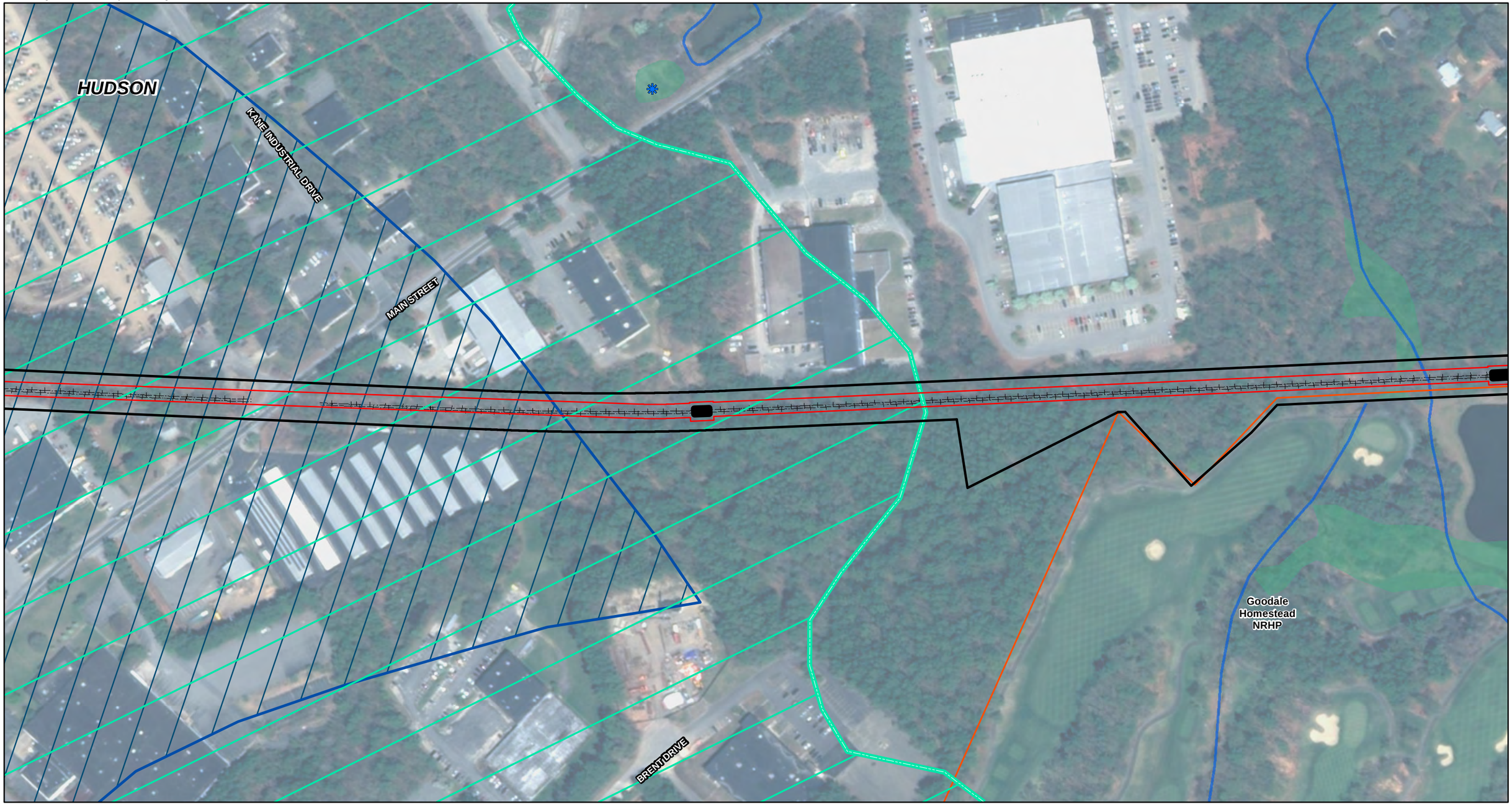

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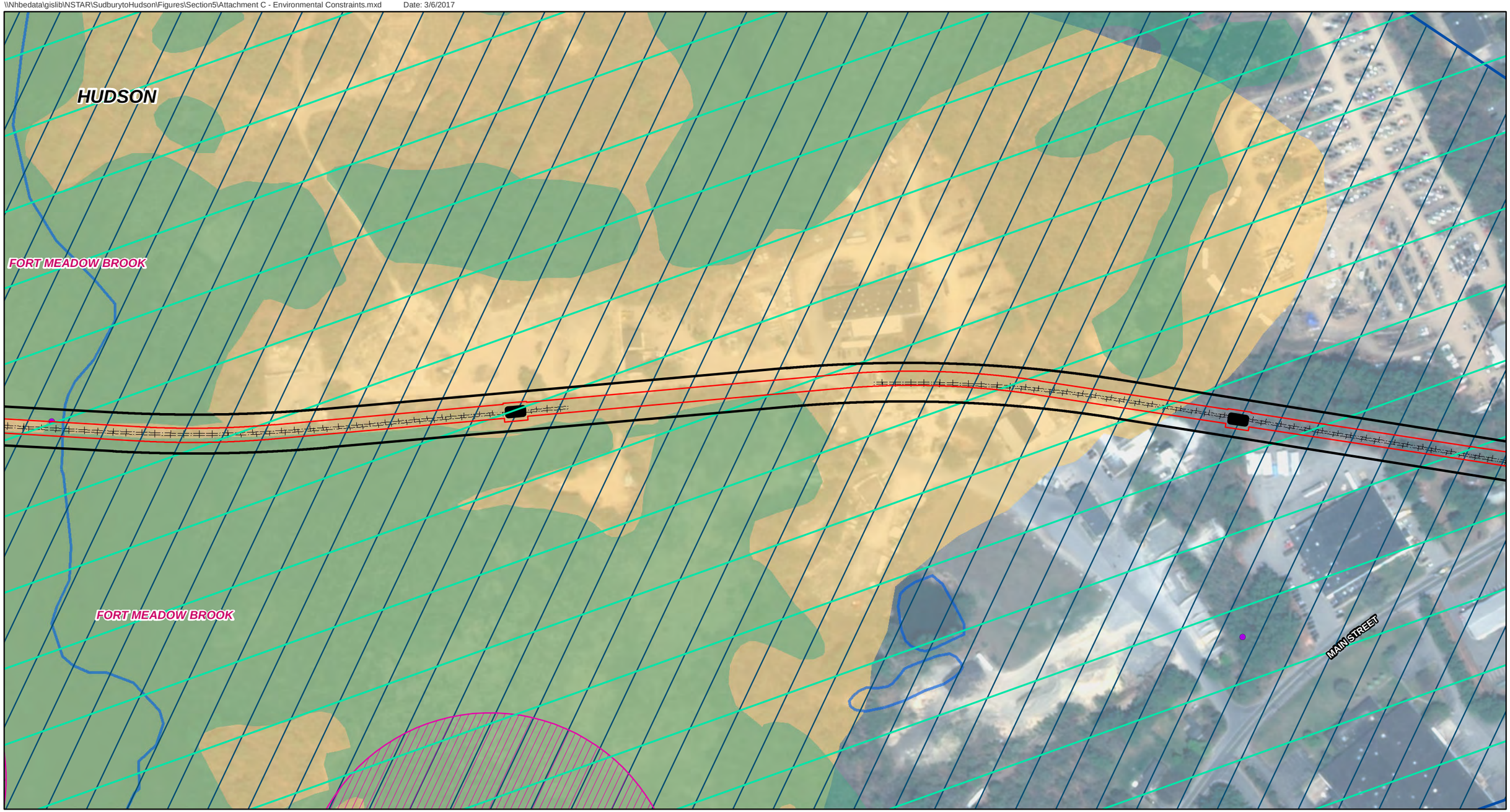

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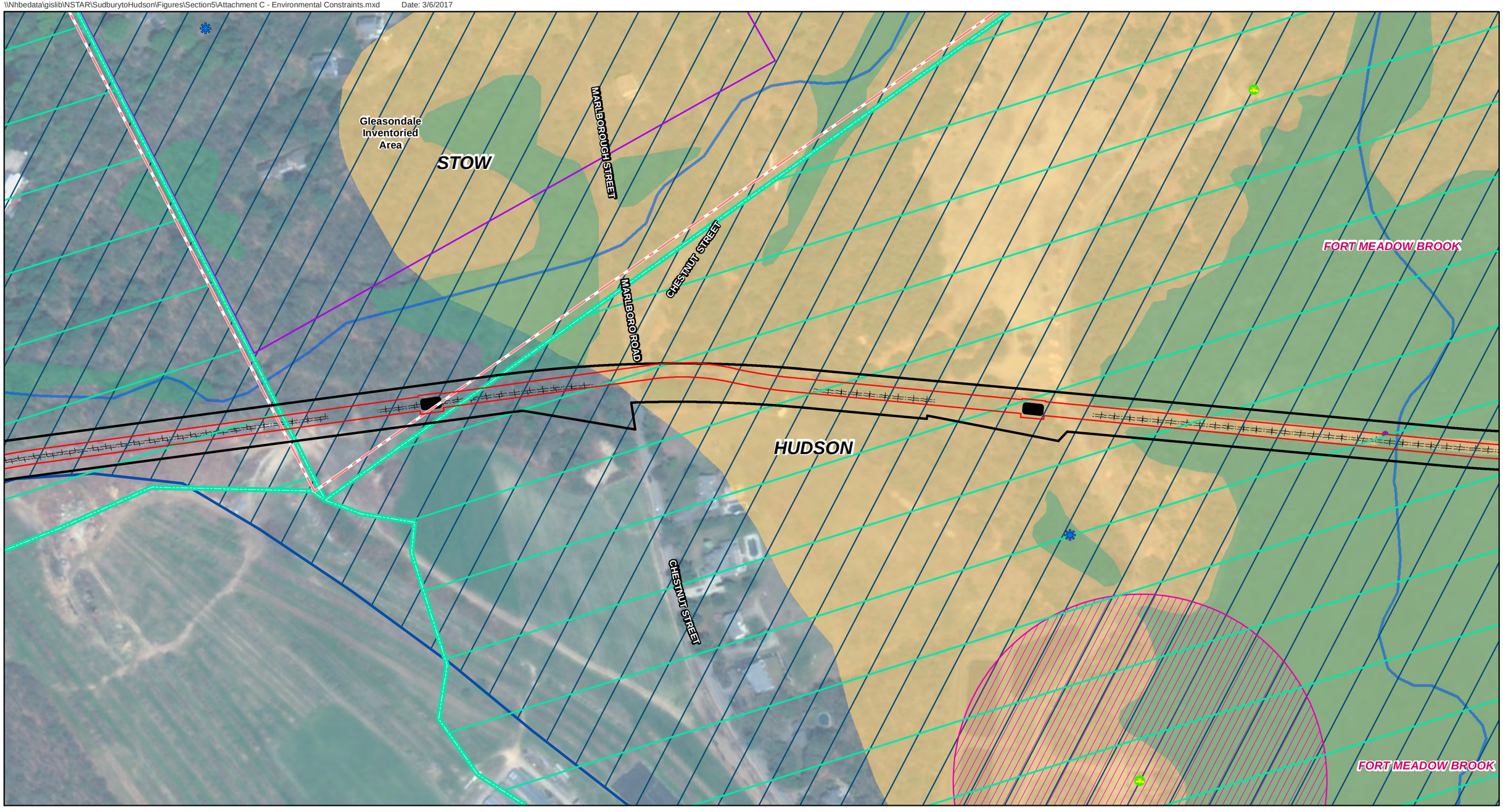

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Sudbury-Hudson Transmission Reliability Project

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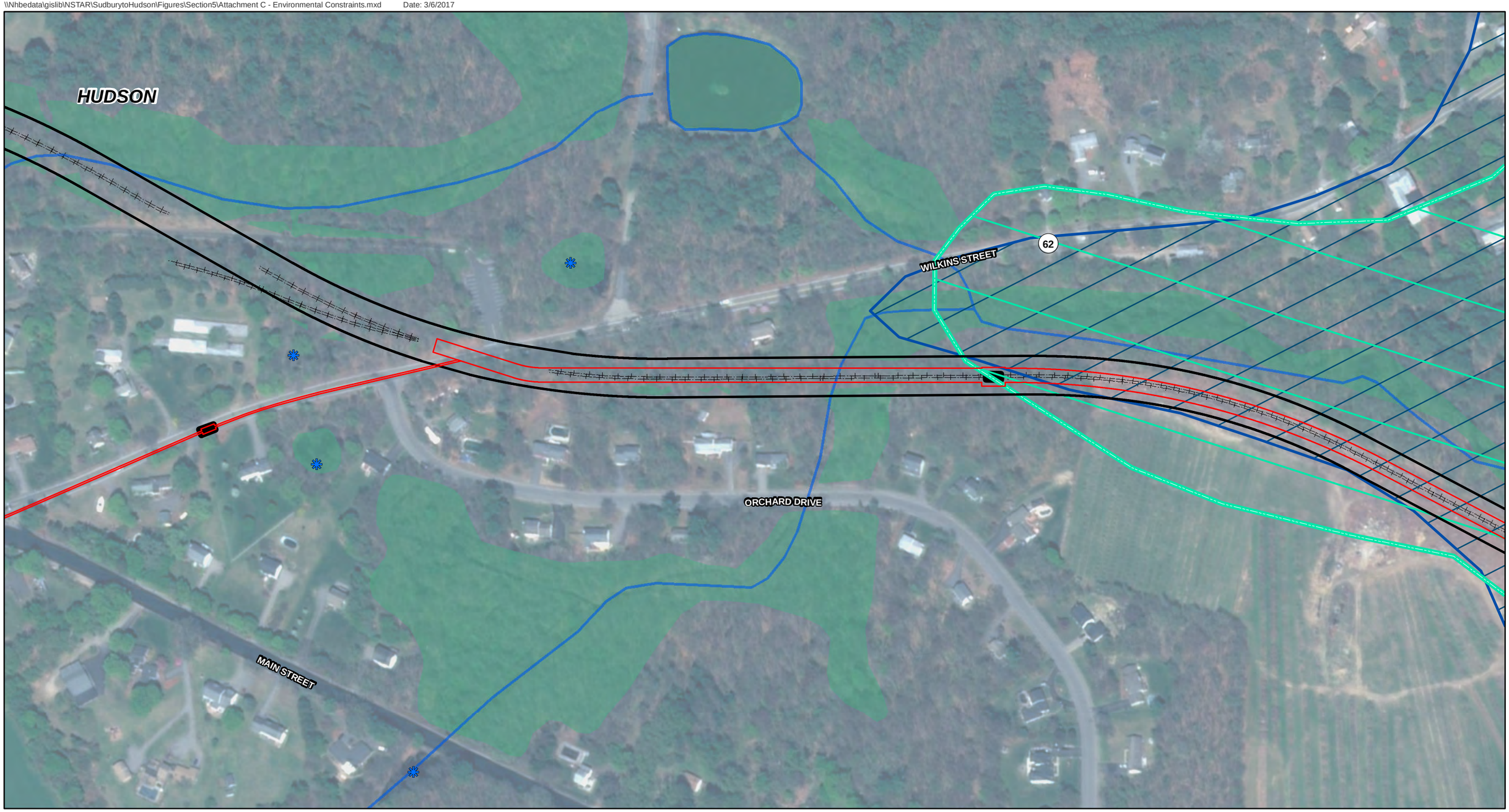

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EVERSOURCE ENERGY

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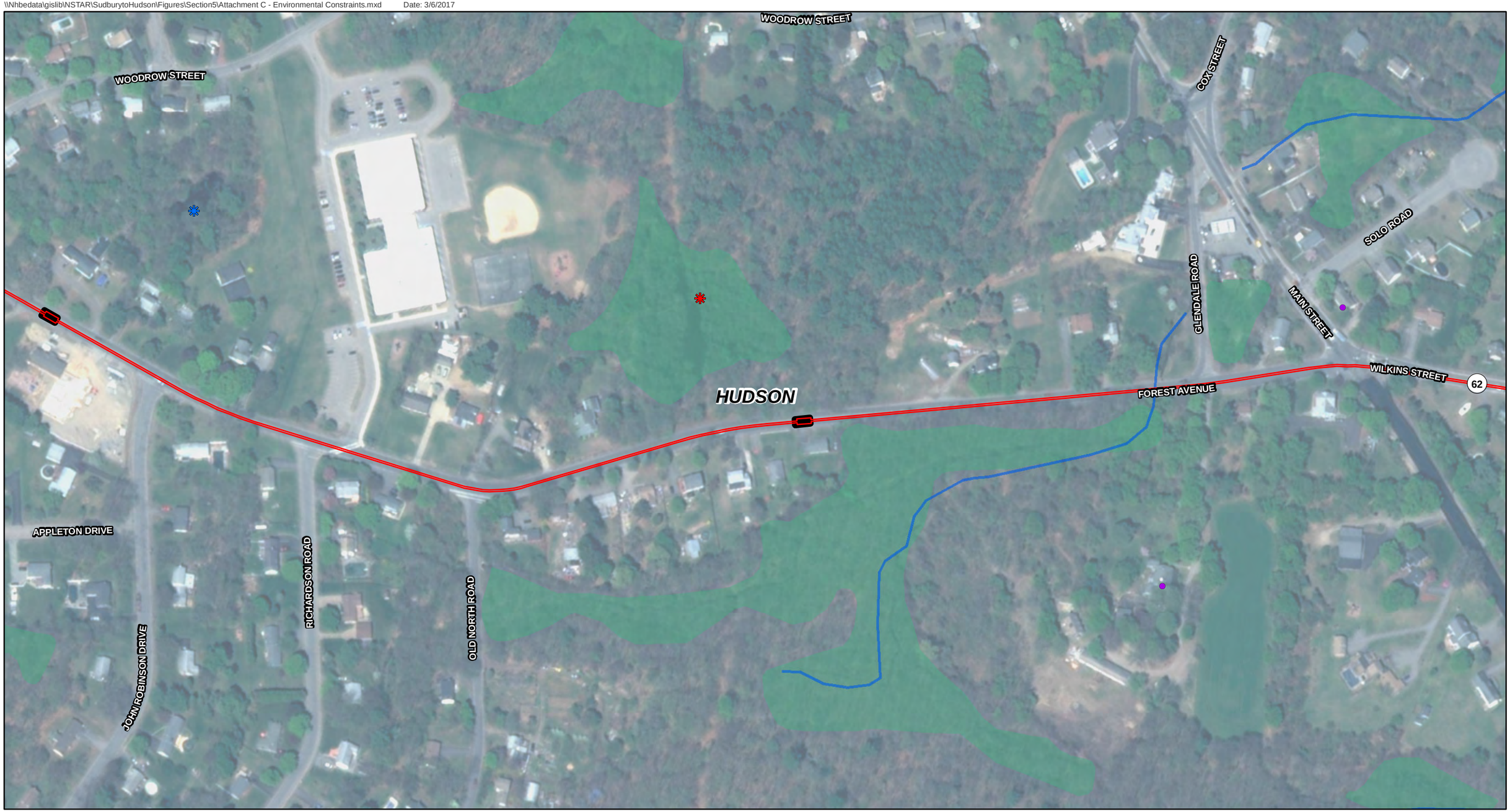

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EVERSOURCE ENERGY

Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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EVERSOURCE ENERGY

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Sudbury-Hudson Transmission Reliability Project

Attachment C: Environmental Constraints

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Attachment D: Proposed Conditions

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- Access Road
- Tree Clearing
- Trench and Manhole System in Roadways
- Duct Bank Alignment
- MBTA ROW Boundary
- Splice Vault Locations
- Existing Rails
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NOTE: Project alignment is conceptual and subject to change.

Source:
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EVERSOURCE ENERGY

Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

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- Town Boundaries

NOTE: Project alignment is conceptual and subject to change.

Source:
MassGIS, 2015
OrthoImagery, VHB

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EVERSOURCE ENERGY

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

vhb

Sheet 2 of 32

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- Access Road
- Tree Clearing
- Trench and Manhole System in Roadways
- Duct Bank Alignment
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EVERSOURCE ENERGY

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

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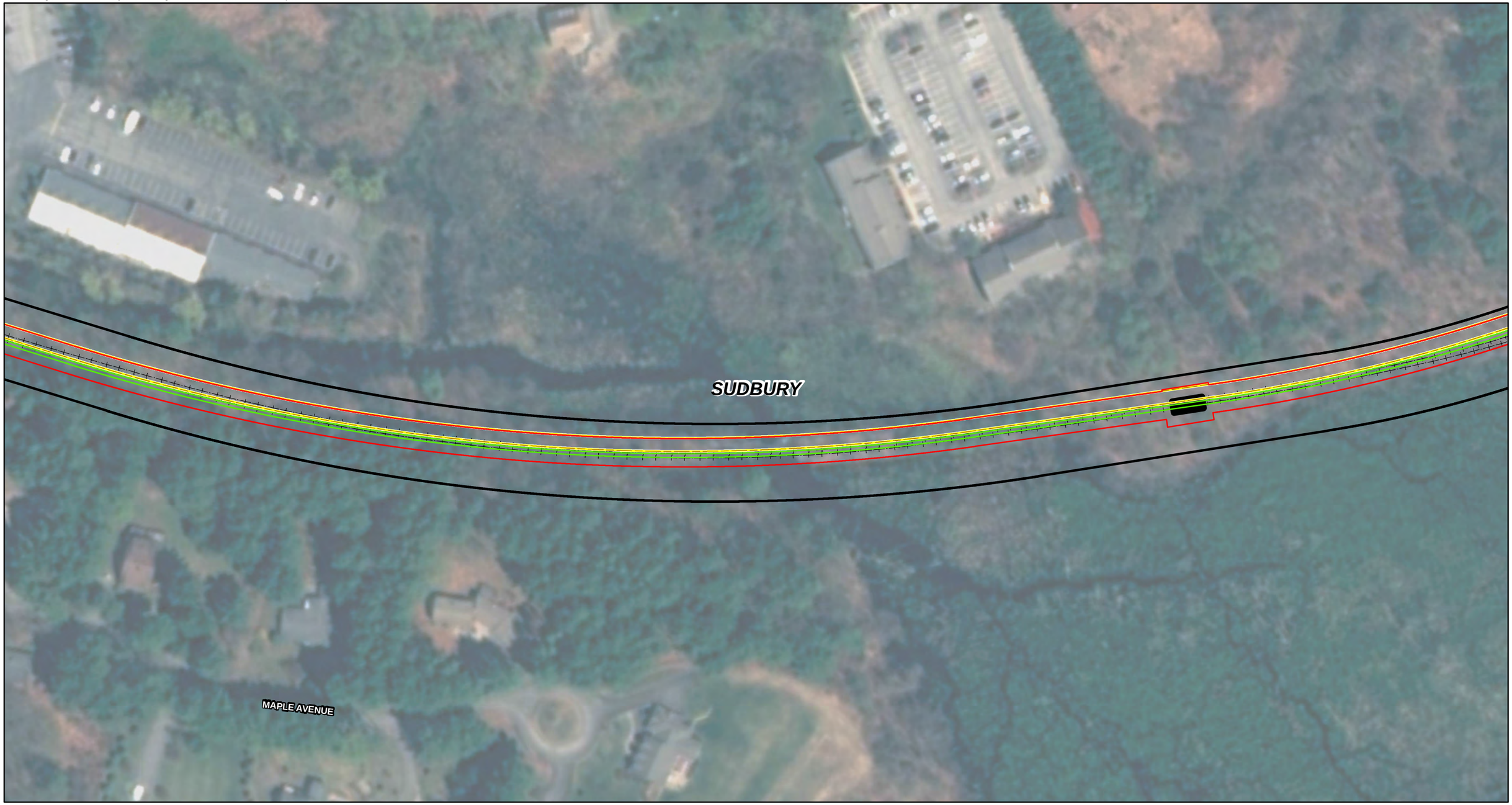

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

vhb

Sheet 4 of 32

- Access Road
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MassGIS, 2015
OrthoImagery, VHB

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

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Access Road
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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

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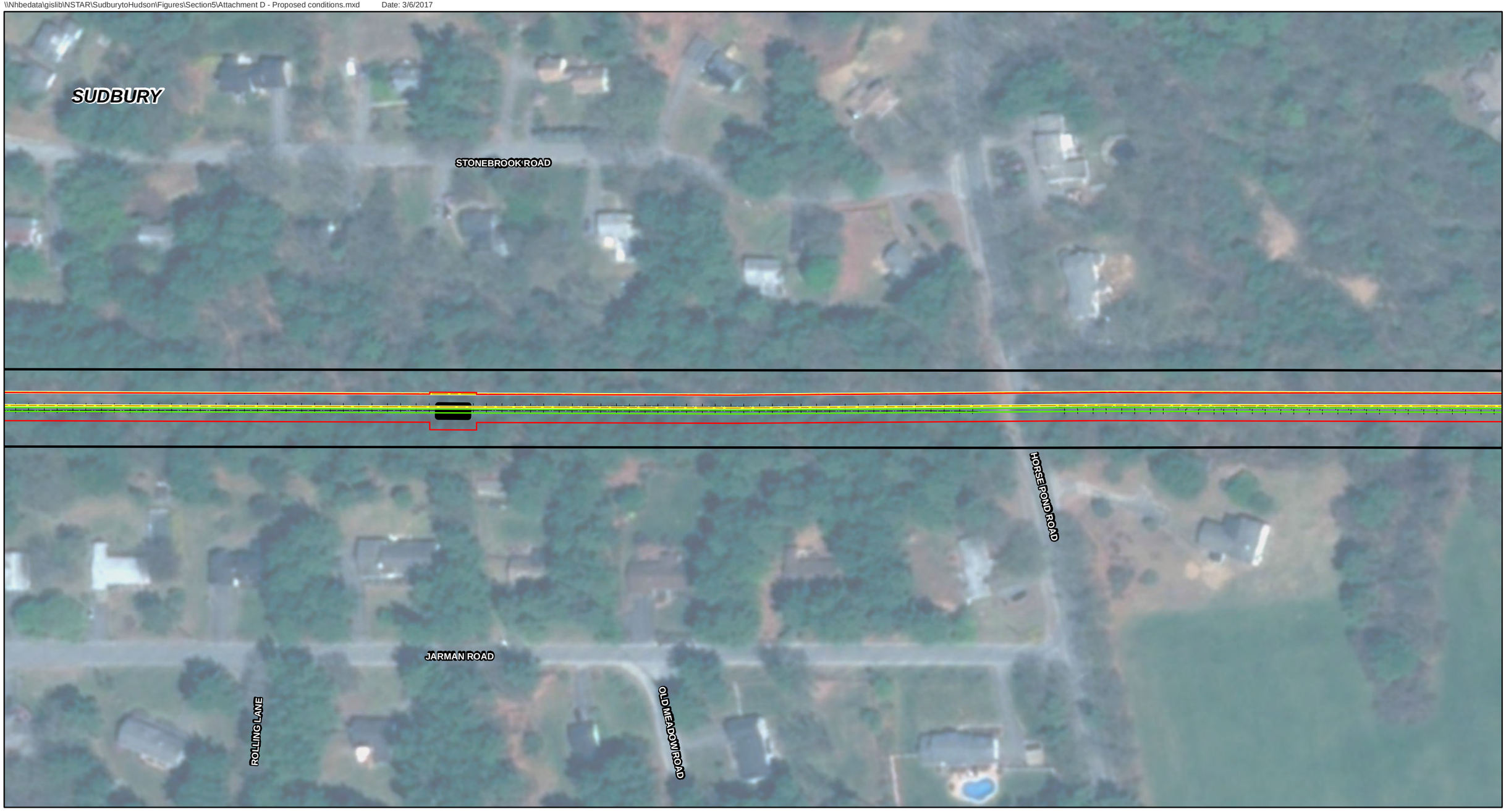

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

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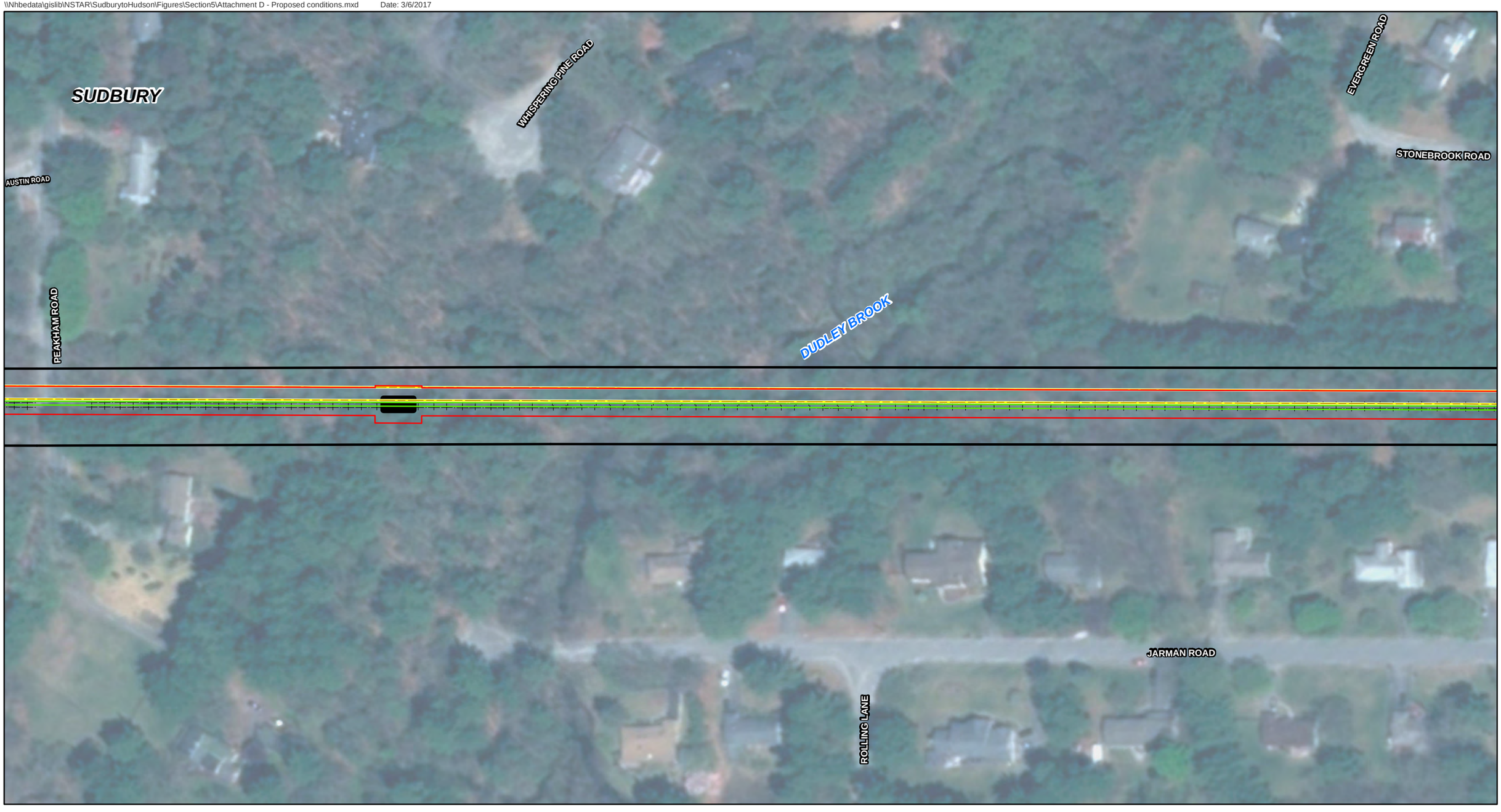

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

Sheet 12 of 32

vhb

- Access Road
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Sudbury-Hudson Transmission Reliability Project

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Sudbury-Hudson Transmission Reliability Project

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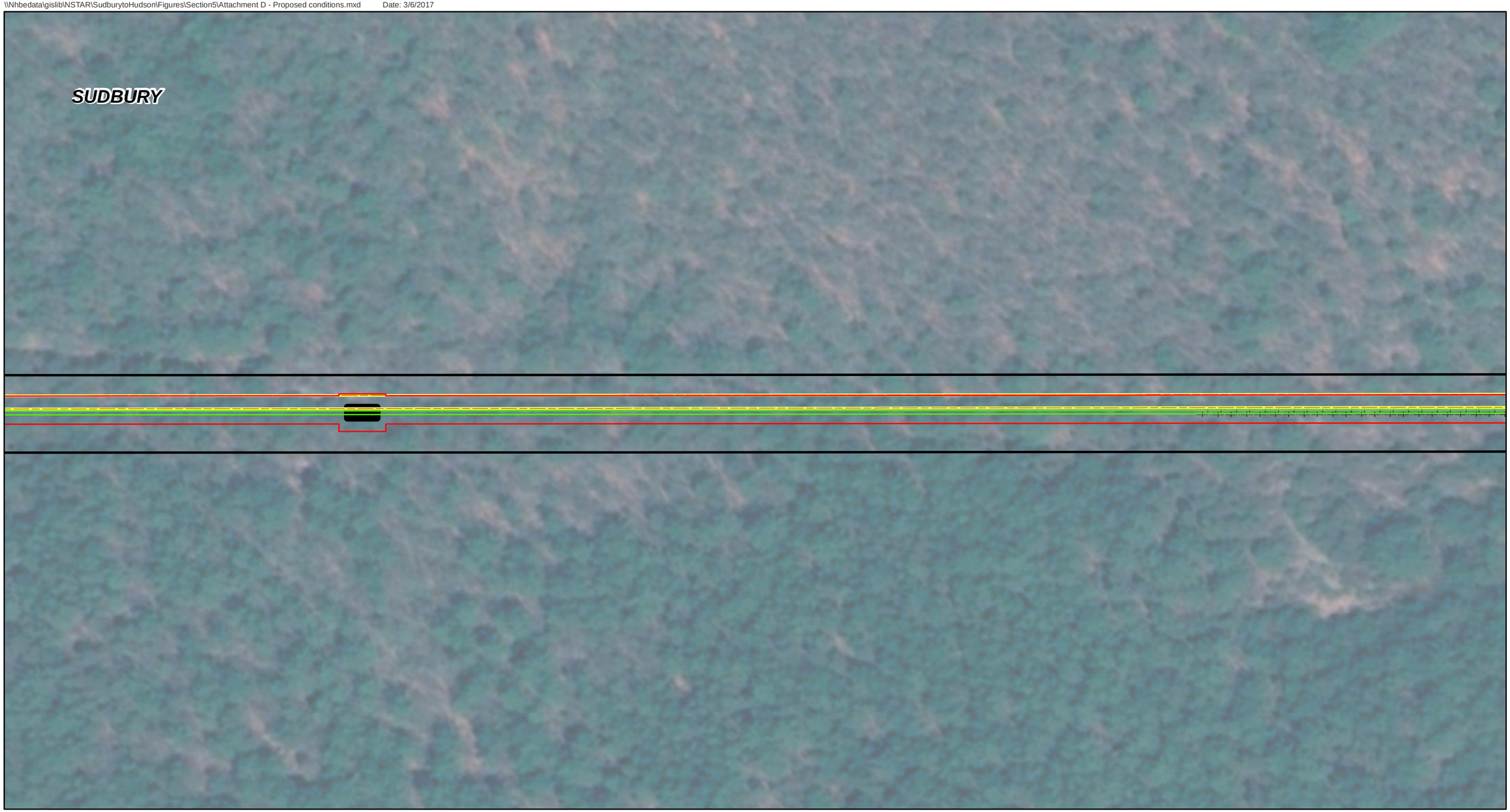

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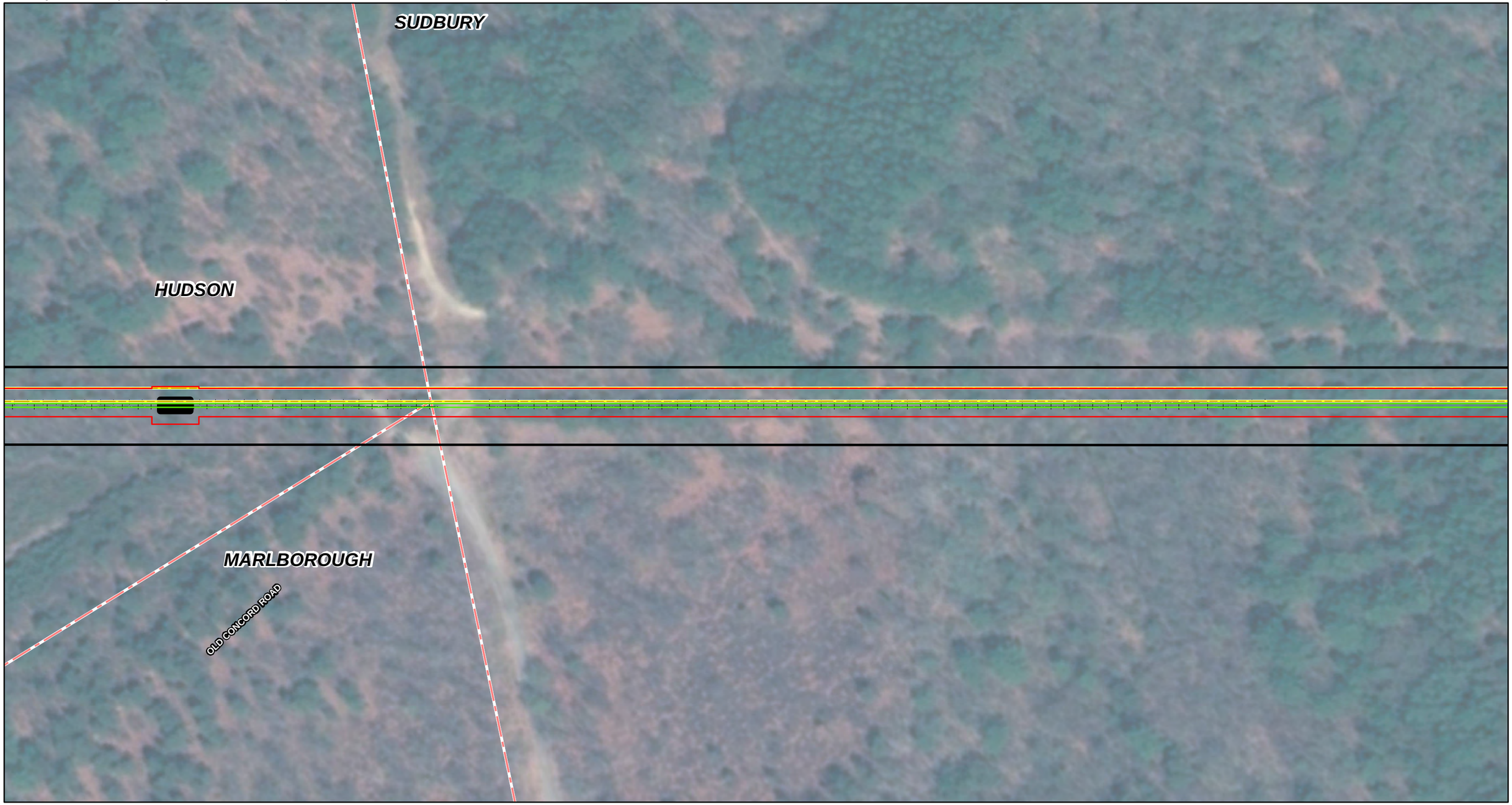

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Sudbury-Hudson Transmission Reliability Project

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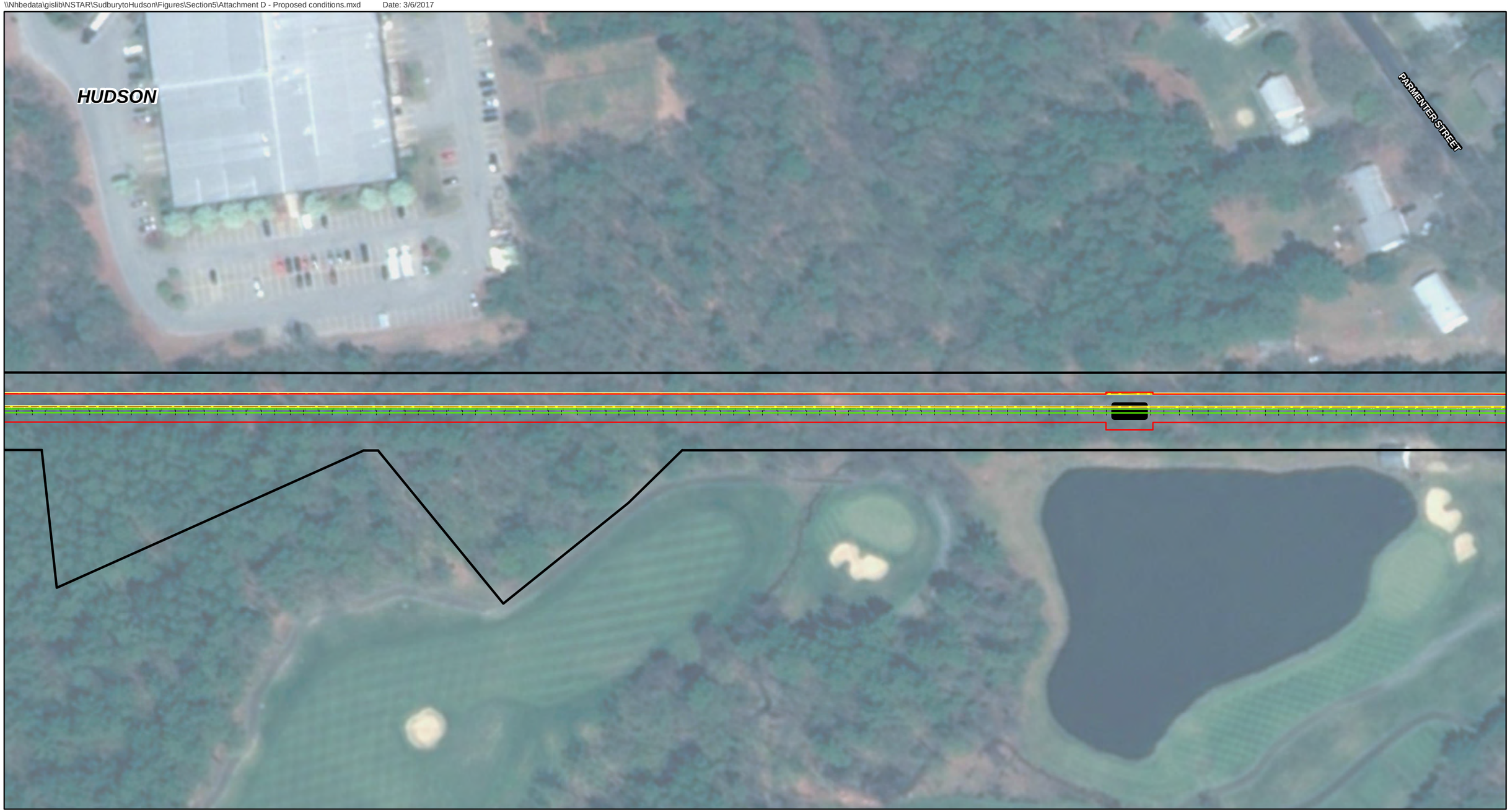

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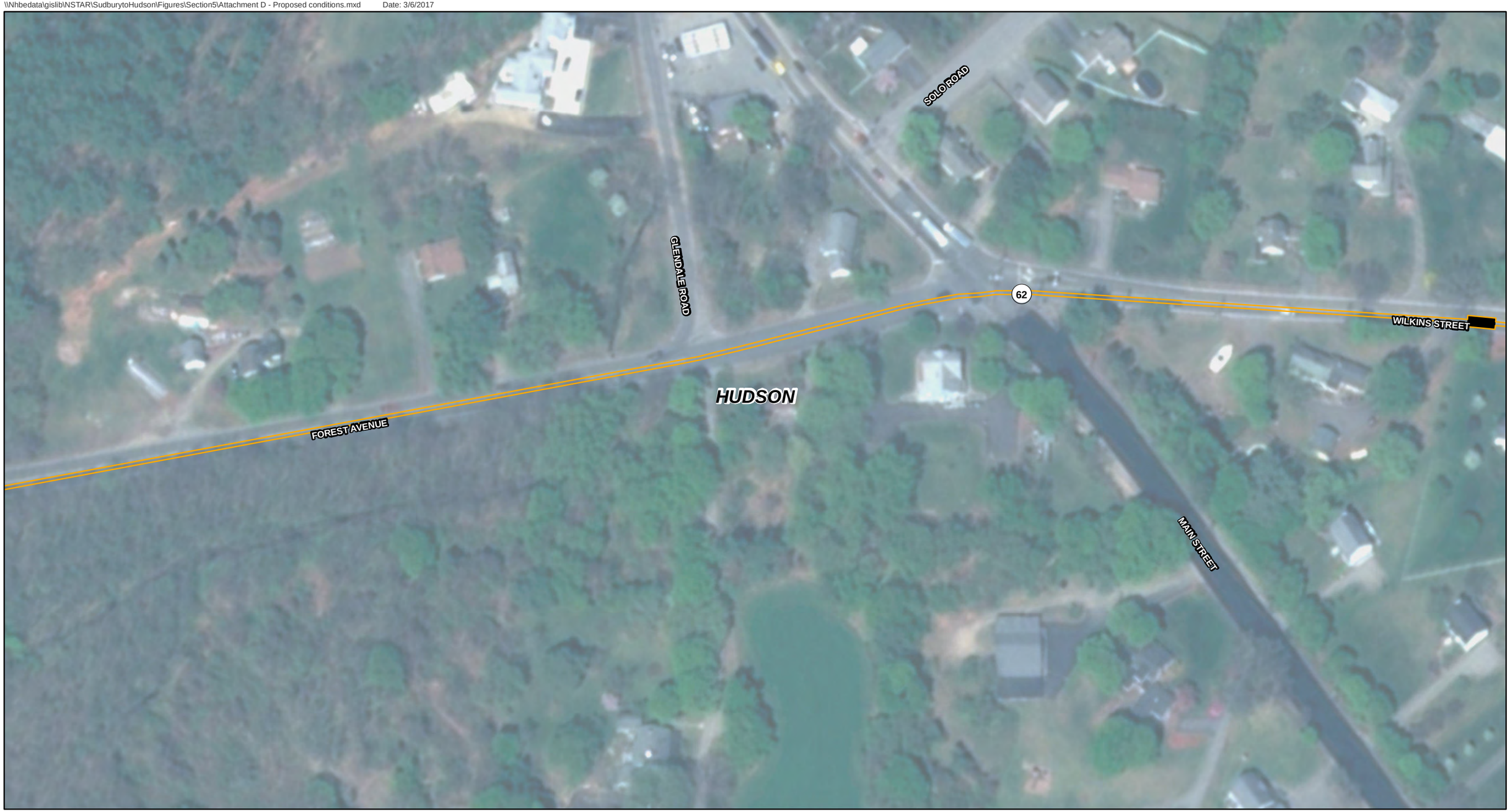

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EVERSOURCE ENERGY

Sudbury-Hudson Transmission Reliability Project

Attachment D: Proposed Conditions

vhb

Sheet 32 of 32

Attachment E: ENF Distribution List

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ENF Distribution List

In accordance with the MEPA regulations at 301 CMR 11.16(2), the Company is distributing/circulating this Environmental Notification Form (ENF) for the Sudbury to Hudson Project to the public agencies and commenters listed below.

Notice of the availability of this ENF will be published in the May 24, 2017, edition of The Environmental Monitor, initiating a 20-day public comment period that will end on or about June 13, 2017.

Commonwealth of Massachusetts

Matthew Beaton, Secretary (two copies)
Executive Office of Energy and Environmental Affairs
Attn: MEPA Office
100 Cambridge Street, Suite 900
Boston, MA 02114

Executive Office of Transportation
Attn: MEPA Coordinator
10 Park Plaza, Room 3510
Boston, MA 02116-3969

MassDOT - Highway Division
Public/Private Development Unit
Attn: Lionel Lucien, P.E., Director
10 Park Plaza
Boston, MA 02116

MassDOT - Highway District #3
Attn: MEPA Reviewer
403 Belmont Street
Worcester, MA 01604

MassDOT – MBTA
Attn: Andrew Brennan
10 Park Plaza, 6th Floor
Boston, MA 02216-3966

MassDEP
Office of the Commissioner
One Winter Street
Boston, MA 02108

MassDEP
Attention: Nancy Seidman
One Winter Street
Boston, MA 02114

MassDOER
Attn: John Ballam
100 Cambridge Street – Room 1020
Boston, MA 02114

MassDEP-Central regional Office
Attn: MEPA Coordinator
627 Main Street
Worcester, MA 01604

MassDEP Northeast Regional Office
Attn: MEPA Coordinator
205B Lowell Street
Wilmington, Massachusetts 01887

Massachusetts Historical Commission
Attn: MEPA Coordinator
The Massachusetts Archives Building
220 Morrissey Boulevard
Boston, MA 02125

Massachusetts Department of Agriculture
Attn: MEPA Coordinator
Department of Agricultural Resources

251 Causeway Street
Boston, MA 02114

Massachusetts Natural Heritage and Endangered Species Program
Attn: MEPA Coordinator
1 Rabbit Hill Road
Westborough, MA 01581

Metropolitan Area Planning Commission
Attn: MEPA Coordinator
60 Temple Place
Boston, MA 02111

Town of Hudson

Hudson Board of Selectmen
Town Offices
78 Main Street
Hudson, MA 01749

Hudson Planning Board
Town Offices
78 Main Street
Hudson, MA 01749

Hudson Conservation Commission
Town Offices
78 Main Street
Hudson, MA 01749

Hudson Board of Health
Town Offices
78 Main Street
Hudson, MA 01749

Hudson Public Library
3 Washington Street
Hudson, MA 01749

Town of Stow

Stow Board of Selectman
Stow Town Building
380 Great Road
Stow, MA 01775

Stow Planning Board
Stow Town Building

380 Great Road
Stow, MA 01775

Stow Conservation Commission
Stow Town Building
380 Great Road
Stow, MA 01775

Stow Board of Health
Stow Town Building
380 Great Road
Stow, MA 01775

Stow Public Library
380 Great Road
Stow, MA 01775

City of Marlborough

City of Marlborough City Council
Attn: Ms. Karen Boule, Secretary
Marlborough City Hall
140 Main Street
Marlborough, MA 01752

City of Marlborough Planning Board
Marlborough City Hall
140 Main Street
Marlborough, MA 01752

City of Marlborough Conservation Commission
Attn: Ms. Priscilla Ryder, Conservation Officer
Marlborough City Hall
140 Main Street
Marlborough, MA 01752

City of Marlborough Board of Health
Attn: Mr. Robert Landry, R.S.
Walker Building, Room 101
255 Main Street
Marlborough, MA 01752

Marlborough Public Library
35 West Main Street
Marlborough, MA 01752

Town of Sudbury

Sudbury Board of Selectman
Flynn Building
275 Old Lancaster Road
Sudbury, MA 01776

Sudbury Planning Board
Flynn Building
275 Old Lancaster Road
Sudbury, MA 01776

Sudbury Conservation Commission
DPW Building
275 Old Lancaster Road
Sudbury, MA 01776

Sudbury Board of Health
DPW Building
275 Old Lancaster Road
Sudbury, MA 01776

Sudbury Public Library
21 Concord Road
Sudbury, MA 01776

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