



Wildlife Habitat Features Report
Eversource Transmission Reliability
Project
Sudbury, Massachusetts

JULY 2024- DECEMBER 2024

PREPARED FOR

Epsilon Associates, Inc.
3 Mill & Main Place, Suite 250
Maynard, MA 01754

PREPARED BY

SWCA Environmental Consultants

**WILDLIFE HABITAT FEATURES REPORT
EVERSOURCE TRANSMISSION RELIABILITY PROJECT
SDBURY, MASSACHUSETTS**

Prepared for

Epsilon Associates, Inc.
3 Mill & Main Place, Suite 250
Maynard, MA 01754

Prepared by

SWCA Environmental Consultants
153 Cordaville Road, Suite 130
Southborough, MA 01772
(413) 658-2027
www.swca.com

SWCA Project No. 67849

January 2025

This page intentionally left blank.

CONTENTS

1	Introduction	1
2	Study Area and Methods	1
3	Habitat Mitigation Monitoring Results	4
4	Other Mitigation Efforts	4
5	Construction Summary.....	5
6	Future Work	5
7	Summary	5

Appendix A - Monthly Monitoring Reports

Appendix B - Wildlife Habitat Features Map

1 INTRODUCTION

The Eversource Sudbury to Hudson Transmission Reliability Project (the “Project”) consists of a new, approximately 9-mile-long transmission line between Eversource’s existing Sudbury substation in Sudbury, Massachusetts and the Hudson Light & Power Company’s (HL&P) substation in Hudson, Massachusetts. The new underground transmission line is currently being installed in the municipalities of Sudbury, Hudson, Stow, and Marlborough, Massachusetts. Approximately 4 miles of the Project are located within Sudbury, with portions of the work located within jurisdictional resource areas.

As part of the Project, and to ensure the work will not result in the loss of important wildlife habitat features, a habitat mitigation plan was proposed for the work within wetland impact areas along the Project route. The final Habitat Mitigation Plan, initial pre-construction report, and Monitoring Report #1 (December 2022 to May 2023), Monitoring Report#2 (June 2023-December 2023), and Monitoring Report #3 (January 2024- June 2024) for Habitat Mitigation were previously submitted to Sudbury Conservation Commission.

Under Special Condition Part II(l) of the Sudbury Order of Conditions for DEP# 301-1287:

The Applicant’s wildlife biologist or other qualified individual document the location of all important habitat features that will be removed (such as brush piles, snags, overhanging trees, logs within or near the water, large woody debris, etc.) to quantify the number of features removed and provide confirmation that the work did not result in the loss of important wildlife habitat features. It also requires that brush, woody debris and logs be replaced within or near water, generally in the location they were removed, and that reports be provided to the Sudbury Conservation Commission every 6 months for the life of the Order, documenting the wildlife habitat removal and restoration effort, including monitoring of vernal pools.

SWCA Environmental (SWCA) has developed this report on behalf of Eversource as per Special Condition Part II (1). This is the fourth monitoring report and shall serve as the July 2024- December 2024 monitoring period. The following sections describe the habitat mitigation effort conducted during the past six months of the Project.

2 STUDY AREA AND METHODS

The Project work within Sudbury is broken up into segments. The sections below will refer to segments by number with each segment number corresponding to a stretch of land, typically between roads. Below is the list of segments and their locations.

- Segment 7 (Sudbury Town Line to Bridge 128);
- Segment 8 (Bridge 128 to Dutton Road);
- Segment 9 (Dutton Road to Peakham Road);
- Segment 10 (Peakham Road to Horse Pond Road);
- Segment 11 (Horse Pond Road to Union Avenue);
- Segment 12 (Union Avenue to Boston Post Road/Rt. 20);
- Segment 13 (Boston Post Road/Rt. 20 to Bridge 127);
- Segment 14 (Bridge 127 to Sudbury Substation);

Where work crosses through a wetland resource area, that section of work is identified as a Wetland Impact Area (Impact Area). Within several of the Impact Areas, Habitat Mitigation was proposed, as outlined in the Final Habitat Mitigation Plan submitted in the December 2022-June 2023 Report.

The first phase of the Project, between December 2022 and April 2023, involved tree removal within the limit of work along the entire Project route. Some of the removed trees were reused as fallen logs and/or snags as proposed in the Habitat Mitigation Plan. Only Fallen logs and/or snags were installed as part of the mitigation. Since brush piles are proposed to be installed within the limit of work, it was determined that brush piles will be installed at the same time or soon after the installation of restoration/ mitigation plantings. Please refer to Monitoring Report 1 (December 2022 to May 2023) for Habitat Mitigation methodology and reference to where fallen logs/ snags were installed.

3 WILDLIFE HABITAT MONITORING

During the June 2024 to December 2024 monitoring period, SWCA wildlife biologist conducted monthly review of all the Wetland Impact Areas along the Project route. SWCA reviewed the condition of the Project work area, silt fence conditions, area between the work area and resource area, and noted any non-project related debris and disturbance observed beyond the limit of work. Monthly site reviews were conducted at the end of every month, specifically on 7/30/24; 8/28/24; 9/26/24; 10/28/24; 11/26/24; 12/23/24. A Monthly Monitoring Report was filled out during each visit. Please refer to Report with photo pages in Appendix A.

3.1 Wildlife Habitat Summary

Table 1 summarizes the location of the Impact Area, what mitigation efforts were proposed, and what mitigation measures were installed.

Table 1: Proposed and Installed Habitat Mitigation per Impact Area

Segment	Wetland Impact Area ID	Proposed Mitigation	Installed Mitigation to Date
7	1	Install 2 brush piles	*Installed 1 rock pile within snake habitat *Installed 1 brush pile
	2	Install 1 brush pile	See Segment 7 Impact Area 4
	3	Reuse 2 significant snags as fallen logs; Install 5 brush piles	Placed 7 fallen logs
	4	Reuse 1 significant snags as fallen log; Snag on the southern limit can be left in place	Placed 1 fallen log *Installed 1 osprey nest platform
8	5	Place 2 snags used as fallen logs; Work with contractor to determine if snag on the northern limit of work can be saved	Placed 2 fallen logs
	6	Place 2 fallen logs to be placed; Use 1 of the snags as fallen log	Placed 2 fallen logs, one of which was a snag
	7	2 fallen logs placed; Work with contractor to see if can save snags or reuse as the 2 fallen logs place by VP	Placed 2 fallen logs *Install 1 brush pile between VP#10 and VP#12
9	8	Install 6 brush piles	*Installed rock ledge as snake habitat

Segment	Wetland Impact Area ID	Proposed Mitigation	Installed Mitigation to Date
	9	Install 6 brush piles; Work with contractor to keep snags or reuse as fallen log near VP	*Installed additional plantings between Stations 517 and 518+50 *Installed additional plantings at either side of failed culvert
10	10	Install 4 brush piles	* Installed additional plantings by culvert (Dudley Brook) to stabilize slope
11	11	Install 2 brush pile; Work with contractor to keep snags or reuse as fallen log near VP	Placed 2 fallen logs
	12	Install 2 brush pile	Placed 2 fallen logs
	13	Install 7 brush piles	Placed 4 fallen logs * Installed 4 brush piles between Station 586 and 590
	14	None	None to date
12	15	Install 5 brush piles	*Installed additional plantings near headwall *Phragmites removal near Union Ave
13	16	Install 6 brush piles	Placed 4 fallen logs
	17	None	None to date
14	18	Place 2 fallen logs- one of the snags to be used as fallen log	Placed 2 fallen logs *Installed 1 osprey nest
	19	Install 11 brush piles; Work with contractor to keep snags or reuse as fallen log near VP	Placed 9 fallen logs *Installed 1 brush pile between VP#2 and VP#3 *Installed 1 brush pile west of VP# 4
	20	Install 3 brush piles; Work with contractor to keep snags or reuse as fallen logs	Placed 2 fallen logs *Installed 1 brush pile by VP#1 *Installed 1 osprey nest by substation *Remove invasive plants near VP#1 where brush pile will be installed.

*Installed in October 2024

During fall of 2024 additional wildlife habitat mitigation features were installed. Originally the Project was approved for the installation of fallen logs and brush piles as forms of wildlife habitat mitigation. Fallen logs were installed in winter and spring of 2023. Brush pile installation was proposed to occur at the same time or soon after the restoration planting. However, when the time came for brush pile installation, it was noted some locations approved for brush pile installation did not have adequate space for brush piles to be installed. A site walk with the Sudbury Conservation Agent was conducted in August 2024 to determine the location of pending brush piles. During the site walk, possible substitutions to brush piles as habitat features were reviewed. Table 1 shows the location and description of habitat features that were approved by Sudbury Conservation Commission and installed along the Project route in Sudbury. All brush piles and rock piles were constructed in October 2024. Additional plantings and removal of invasive plantings, where indicated, was conducted in October 2024. Three osprey nest platforms were installed by November 2024. Photos of all of the installed brush piles, rock piles, and osprey nests can be viewed in the November 26, 2024, monthly report photo pages in Appendix A. Locations of all of the installed wildlife habitat features can be viewed in the Wildlife Habitat Features Map in Appendix B.

Between July and December 2024, minor amount of non-project related debris was observed between the limit of work and the resource areas. The debris was collected and removed during the monthly inspections. Silt fences were in good condition and no sediment or erosion was observed. Previously installed fallen logs and/or snags remained in place. In some areas, vegetation has grown around some of the installed fallen logs making it difficult

to locate. The fallen logs located near Bridge 127 and Bridge 128 have drifted a few feet away from the original placement location, but overall, still remain in the area. Construction-related work has not impacted the installed fallen logs and/or snags. During site reviews, particularly in the summer and early fall, wildlife, in the form of musk rats, variety of birds, squirrels and chipmunks, along with frogs and turtles, were observed using the project area and adjacent lands. Chipmunks were observed using the installed brush piles and rock piles. No issues were observed.

4 OTHER MITIGATION EFFORTS

It is important to note that from Spring to Fall, the SWCA Restoration Team conducted invasive plant managements in Segments 8 through 10 and Segment 14. In addition, in October 2023 SWCA removed non-native grass which sprouted in the mitigation area in Segment 14. Both efforts are noted, but not fully detailed in this report as the mitigation area is separately being reviewed and monitored.

5 CONSTRUCTION SUMMARY

Between July 2024 and December 2024, significant construction progress was made within the Sudbury portion of the Project route and the Eversource portion of the Project has been completed. Table 2 below is a summary of the work completed during this time period.

Table 2: Work conducted in Sudbury between July 2024 and December 2024

Month	Installation and Work on Manholes, Conduits, Bridges, etc.	Cut & Fill/Grading	Substation	Mitigation Work
July	<ul style="list-style-type: none"> Erosion and sediment control repairs. Timber railing installation at Bridge 127 and in Segment 14. Cable pulling and splicing activities. 	<ul style="list-style-type: none"> Grading and loam installation activities in Segment 7, 10, 11, 12, 13, and 14. 	n/a	<ul style="list-style-type: none"> Invasive Plant Management in progress.
August	<ul style="list-style-type: none"> Timber railing installation at Bridge 128. Check dam installation in Segment 9. Handhole correction work. Erosion and sediment control repairs. Cable pulling and splicing activities. 	<ul style="list-style-type: none"> Grading and loam installation activities in Segment 14. 	n/a	<ul style="list-style-type: none"> Invasive Plant Management in progress.
September	<ul style="list-style-type: none"> Cable splicing activities. Restoration planting installation. Paving by Bridge 127 and Bridge 128 complete. Timber railing installation at Bridge 128. 	<ul style="list-style-type: none"> Grading and loam installation activities in Segment 8, 9, 10, 11, 12, 13, and 14. 	<ul style="list-style-type: none"> Cable splicing at Sudbury Substation. 	<ul style="list-style-type: none"> Invasive Plant Management in progress.
October	<ul style="list-style-type: none"> Restoration planting installation. Wildlife habitat feature installation. Road crossing paving. Culvert extension pipe installation in Segment 12 completed. Culvert cleanouts in Sudbury Resetting of historical artifacts 	<ul style="list-style-type: none"> Grading and loam installation activities in Segment 7 and 14. 	n/a	<ul style="list-style-type: none"> Invasive Plant Management in progress.

Month	Installation and Work on Manholes, Conduits, Bridges, etc.	Cut & Fill/Grading	Substation	Mitigation Work
November	<ul style="list-style-type: none"> All manhole, handhole, and conduit installation is complete. Adjustment of manhole frames and covers is in progress throughout project. Approved silt fencing is removed. Silt fencing that is to remain on site is repaired. 	All grading activities complete	n/a	<ul style="list-style-type: none"> Invasive Plant Management in progress.
December	<ul style="list-style-type: none"> All major construction and restoration activities have been completed. Line is now energized per Eversource personnel. Approved silt fencing is removed. Silt fencing that is to remain on site is repaired. 	n/a	n/a	n/a

6 FUTURE WORK

The installation of all wildlife habitat features is complete. The Eversource portion of the work is complete, and Massachusetts Department of Conservation and Recreation (DCR) is anticipated to begin work along the Project route in the spring of 2025. It is anticipated that the monthly wildlife monitoring will continue along the Sudbury portion of the Project route until the Order of Conditions is closed out. It is anticipated that weekly vernal pool monitoring will begin again between March 1, 2025, and June 1, 2025, unless otherwise negotiated with the Sudbury Conservation Commission.

7 SUMMARY

Construction of the Eversource Sudbury to Hudson Transmission Reliability Project is complete in Sudbury. Previously installed fallen logs and/or snags remain in place. Brush piles and additional habitat features have all been installed. SWCA will continue with monthly inspections of the Project area until Vernal pool season during which weekly inspections will be conducted. SWCA will submit the next six-month wildlife habitat features report in July 2025.

Appendix A

Monthly Monitoring Reports

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 7/30/2024 **Time:** 11am

Weather: 87F partly cloudy

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. Site in good condition. Crews are in the process of repairing erosion and sediment controls in Segment 14.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A			



Photo #1: View of installed downed tree within vernal pool #5 in Segment 8. No sediment or debris observed within the resource area. *Facing east.*



Photo #2: View of installed downed trees in vernal pool #11 in Segment 11. No sediment or construction debris observed within the resource area or beyond the silt fencing. Silt fence in the area is in good condition. *Facing west.*



Photo #3: View of installed downed tree within wetland west of Bridge 127 in Segment 13. Silt fencing is in good condition. No sediment or debris observed in the resource area or associated buffer zones. *Facing east.*



Photo #4: View of installed downed tree within vernal pool #12 in Segment 14. Silt fence has recently been repaired in this area. No sediment or debris observed within the resource area. *Facing west.*

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 8/28/2024 **Time:** 8:30am

Weather: 80F sunny

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. Site in good condition. Crews are in the process of repairing erosion and sediment controls throughout the Project site.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A	N/A	N/A	N/A



Photo #1: View of installed downed trees in Segment 7. Silt fence in the area is in good condition. No sediment or debris observed within the resource area. *Facing north.*



Photo #2: View of installed downed trees in Segment 8. No sediment or construction debris observed within the resource area or beyond the silt fencing. *Facing east.*



Photo #3: View of installed snag in Segment 13. Snag appears to stable. Silt fencing is in good condition. No sediment or debris observed in the resource area or associated buffer zones.
Facing west.



Photo #4: View of installed downed tree in Segment 14. Area adjacent to the silt fencing has been prepared for planting installation. No sediment or debris observed within the resource area.
Facing south.

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 9/26/2024 **Time:** 10:00am

Weather: 63F overcast

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. Site in good condition. Minor amount of non-Project related debris observed beyond the silt fence in Segment 11. Debris was removed during site walk. Crews are in the process of installing plantings along the Project route.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A	N/A	N/A	N/A



Photo #1: View of installed downed trees in Segment 7. Silt fence in the area is in good condition. No sediment or debris observed within the resource area. *Facing north.*



Photo #2: View of installed fallen logs within vernal pool 10 in Segment 11. No sediment or construction debris observed within the resource area or beyond the silt fencing. *Facing north.*



Photo #3: View of installed fallen logs in Segment 14. Silt fencing in this area is in good condition. No sediment or debris observed in the resource area or associated buffer zones. *Facing west.*



Photo #4: View of installed fallen logs in Segment 14 near the eastern end of the Project route. Silt fencing in this area is in good condition. No sediment or debris observed in the resource area or associated buffer zones. *Facing east.*

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 10/28/2024 **Time:** 8:00am

Weather: 38F sunny

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. Site in good condition. Crews continue installing landscape plantings along the Project route. Crews began brush pile installation in Segment 11 and 14.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A	N/A	N/A	N/A



Photo #1: View of installed downed tree within vernal pool 6 in Segment 8. Silt fence in the area is in good condition. No sediment or debris observed within the resource area. *Facing north.*



Photo #2: View of installed downed tree in Segment 11 near condominium complex. No sediment or construction debris observed within the resource area or beyond the silt fencing. Silt fencing are in good condition. *Facing east.*



Photo #3: View of brush pile installation in Segment 11. Silt fencing in this area is in good condition. No sediment or debris observed in the resource area or associated buffer zones. *Facing north.*



Photo #4: View of installed downed tree within vernal pool 14 in Segment 14. Silt fencing in this area is in good condition. No sediment or debris observed in the resource area or associated buffer zones. Brush pile installation is located adjacent to vernal pool 14. *Facing southeast.*

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 11/26/2024 **Time:** 9:00am

Weather: 39F overcast

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. Site in good condition. All remaining wildlife habitat features have been installed. Installed wildlife features include brush piles, rock piles, and osprey nest platforms.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A	N/A	N/A	N/A



Photo #1: View of installed brush pile in Segment 7 by the Sudbury Town line. Chipmunks and squirrels observed using the brush pile. *Facing southeast.*



Photo #2: View of installed rock pile in Segment 7 by the Sudbury Town line. *Facing east.*



Photo #3: View of installed osprey nest by Bridge 128 in Segment 7. *Facing west.*



Photo #4: View of installed brush pile in Segment 8 between vernal pools 4 and 6. *Facing north.*



Photo #5: View of installed rock pile in Segment 10, east of Peakham Road. *Facing north.*



Photo #6: View of one of four brush piles installed in Segment 11. *Facing northeast.*



Photo #7: View of second brush piles installed in Segment 11. *Facing north.*



Photo #8: View of third brush piles installed in Segment 11. *Facing north.*



Photo #9: View of fourth brush piles installed in Segment 11. *Facing north.*



Photo #10: View of installed osprey nest on the east side of Bridge 127 in Segment 14. *Facing east.*



Photo #11: View of installed brush pile west of vernal pool 14 in Segment 14. *Facing south.*



Photo #12: View of installed brush pile between vernal pools 12 and 13 in Segment 14. *Facing north.*



Photo #13: View of installed brush pile west of vernal pool 15 in Segment 14. *Facing north.*



Photo #14: View of installed osprey nest by the Sudbury Substation. *Facing south.*

Monitoring Field Data Form

Part I: Summary Sheet

Project Name: Eversource Sudbury- Hudson Transmission Reliability Project

Locations Monitored: All locations in Sudbury, MA
 Segment 7 (Sudbury Town Line [STA 249+50] to Bridge 128 [STA 288+50]); VP# 1,2
 Segment 8 (Bridge 128 [STA 288+50] to Dutton Road [STA 305+00]); VP# 3,4,5,6,7
 Segment 9 (Dutton Road [STA 305+00] to Peakham Road [STA 335+50]); VP# 8,9
 Segment 11 (Horse Pond Road [STA 361+00] to Union Avenue [STA 407+50]); VP# 10, 11
 Segment 13 (Boston Post Road/ RT. 20 to Bridge 127 [STA 433+50]);
 Segment 14 (Bridge 127 [STA 433+50] to Sudbury Substation [STA 476+00]); VP# 12, 13, 14, 15

Observer(s): P. Safran **Date:** 12/23/2024 **Time:** 11:00am

Weather: 20F sunny

Issues Observed: **No** **Yes, see Table 1 below**

Comments:

No issues observed. All Eversource work complete. Site is in good condition. All installed wildlife habitat features remain in place.

Table 1:

List of Observed Issues and Actions to be Addressed					
Location where issue occurred (Segment and Vernal Pool ID#)	Issue Observed	Action Needed	Date of initial observation	Who was notified	Date and How Issue was Addressed
N/A	N/A	N/A	N/A	N/A	N/A



Photo #1: View of installed rock pile in Segment 7 by the Sudbury Town line. *Facing east.*



Photo #2: View of installed fallen tree near Bridge 127 in Segment 8. *Facing northwest.*



Photo #3: View of installed rock pile in Segment 10, east of Peakham Road. *Facing northeast.*



Photo #4: View of installed fallen trees within vernal pool 11 in Segment 11. *Facing east.*



Photo #5: View of installed brush pile between vernal pools 12 and 13 in Segment 14. Squirrel tracks observed going towards the brush pile. *Facing northeast.*



Photo #6: View of installed fallen tree within vernal pool 15 in Segment 14. *Facing east.*

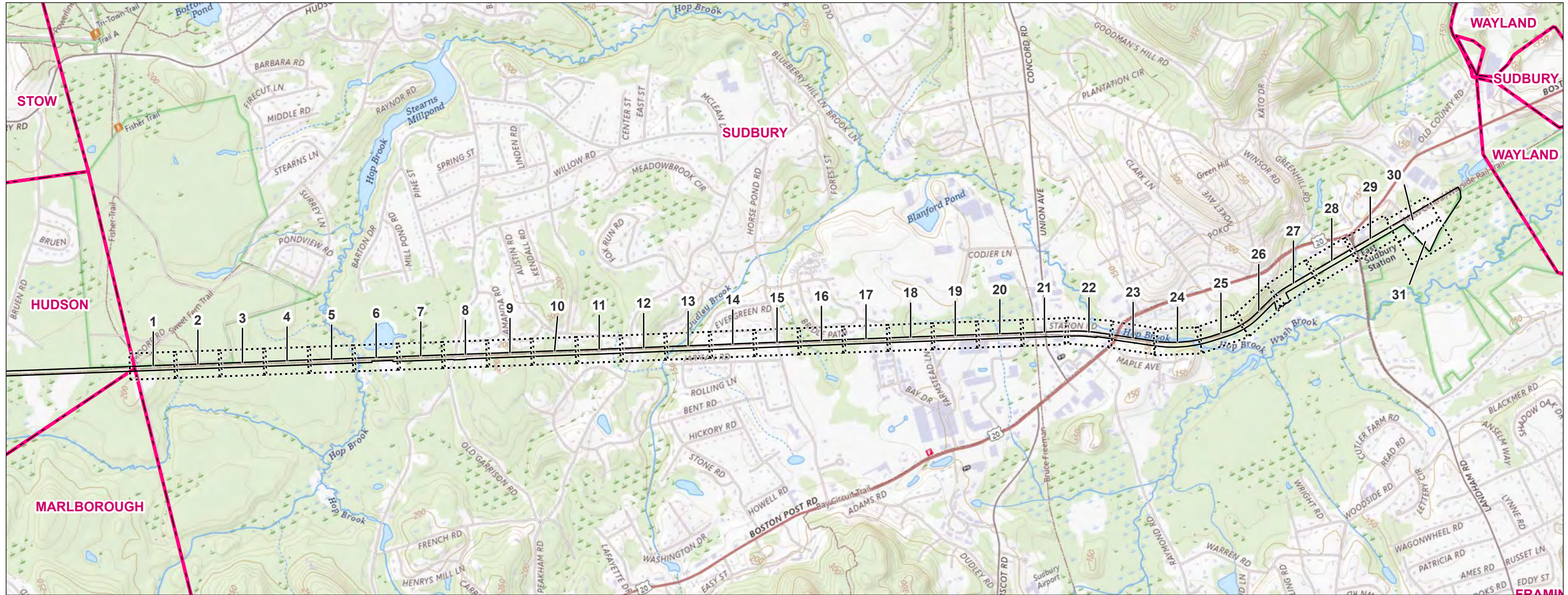
Appendix B

Wildlife Habitat Features Map

Sudbury to Hudson Construction Compliance Monitoring

SUDBURY, MA
Wildlife Habitat Features

January 7, 2025



Legend

Map Sheet

Existing Right-Of-Way (ROW)



0 0.25 0.5 Mile

INDEX OF FIGURES
Title Sheet / Index Map
Map Sheets 1-31

NO.	DATE	REVISIONS

PREPARED FOR:

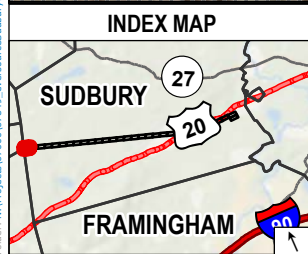


107 Selden Street
Berlin, CT 06037

PREPARED BY:

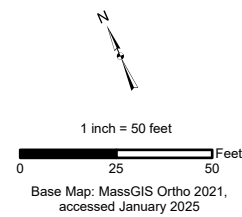


15 Research Drive
Amherst, MA 01002



- Legend**
- Installed Brush Pile
 - Installed Rock Pile
 - Existing Road/Cart Path
 - Existing Right-of-Way (ROW)
 - Limit of Work (LOW)
 - Municipal Boundary
 - Map Sheet
 - Wetland Impact Area

- Vernal Pool
- Wetland



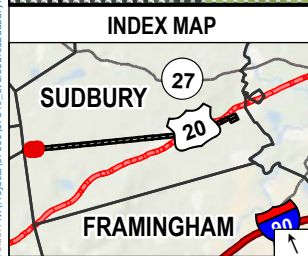
NO.	DATE	REVISIONS

EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

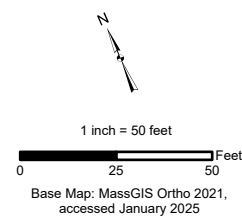
SUDBURY, MA	MAP SHEET 1 OF 31
January 7, 2025	

C:\Users\A\Project\SUDBURY\Hudson\Map\VP1\MapSheet1.mxd



Legend

- Existing Road/Cart Path
- Existing Right-of-Way (ROW)
- Limit of Work (LOW)
- Map Sheet
- Wetland Impact Area
- Vernal Pool
- Wetland



NO.	DATE	REVISIONS

EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 2 OF 31
January 7, 2025	

C:\Users\A\Project\A\Sudbury to Hudson\A\EVERSOURCE\Sudbury to Hudson\Project1

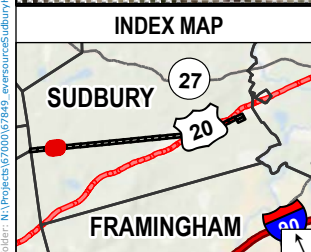


Segment 7

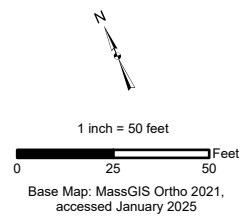
MAP SHEET 3

MAP SHEET 6

C:\Users\A\Project\A\Suburb\Hudson\Map\A\Suburb\Hudson\Project

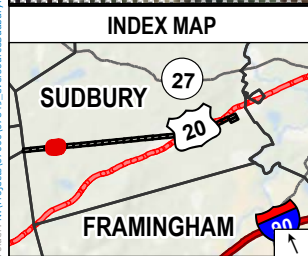


- Legend**
- Existing Right-of-Way (ROW)
 - Limit of Work (LOW)
 - Map Sheet






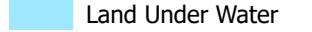
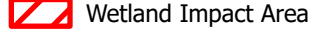
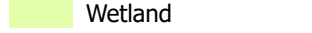


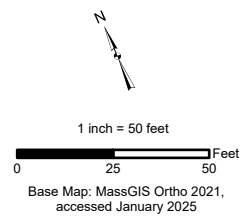
NO.	DATE	REVISIONS

EVERSOURCE ENERGY	
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features	
SUDBURY, MA	MAP SHEET 4 OF 31
January 7, 2025	



Legend


-  Installed Osprey Nest
-  Installed Snag
-  Existing Right-of-Way (ROW)
-  Limit of Work (LOW)
-  Map Sheet
-  Land Under Water
-  Wetland Impact Area
-  Wetland



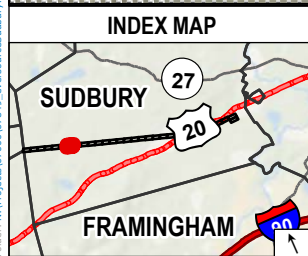
NO.	DATE	REVISIONS

EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

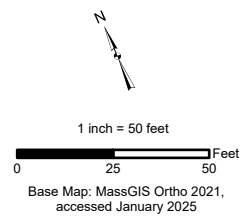
SUDBURY, MA	MAP SHEET 5 OF 31
January 7, 2025	

C:\Users\A\Project\A\Projects\Sudbury\Hudson\Map\Ortho\MapSheet5.mxd



Legend

- Installed Brush Pile
- Installed Snag
- Existing Right-of-Way (ROW)
- Limit of Work (LOW)
- Map Sheet
- Wetland Impact Area
- Vernal Pool
- Wetland



NO.	DATE	REVISIONS

EVERSOURCE ENERGY	
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features	
SUDBURY, MA	MAP SHEET 7 OF 31
January 7, 2025	

C:\Users\A\Projects\2025\01\20250107\20250107_SudburyHudson\MapSheet7.mxd



Wetland Impact Area S7

Segment 8

Segment 9

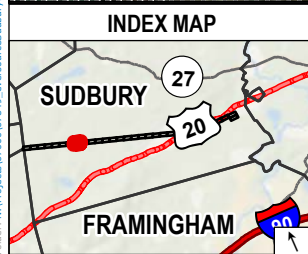
VP9

MAP SHEET 7

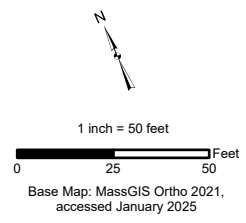
MAP SHEET 9

DUTTON ROAD

AMANDA ROAD



- Legend**
- Existing Road/Cart Path
 - Existing Right-of-Way (ROW)
 - Limit of Work (LOW)
 - Map Sheet
 - Wetland Impact Area
 - Vernal Pool
 - Wetland



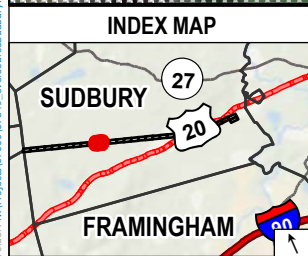
NO.	DATE	REVISIONS

EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

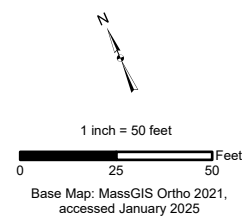
SUDBURY, MA	MAP SHEET 8 OF 31
January 7, 2025	

C:\Users\A\Projects\20250107\250107_everource\SudburytoHudson\Map\VP9\VP9_SudburytoHudson.mxd

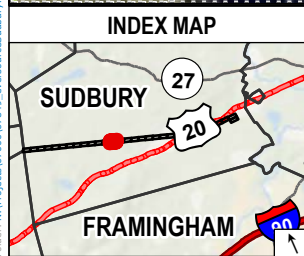


Legend

- Existing Road/Cart Path
- Existing Right-of-Way (ROW)
- Limit of Work (LOW)
- Map Sheet
- Land Under Water
- Wetland Impact Area
- Vernal Pool
- Wetland

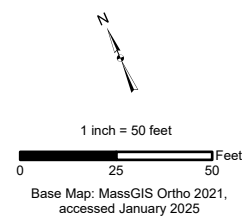


EVERSOURCE ENERGY		
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features		
SUDBURY, MA		MAP SHEET 11 OF 31
January 7, 2025		 ENVIRONMENTAL CONSULTANTS
NO.	DATE	REVISIONS



Legend

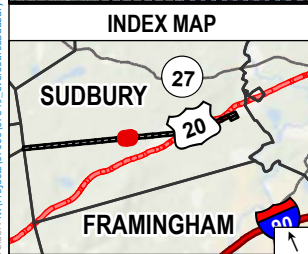
- Existing Right-of-Way (ROW)
- Limit of Work (LOW)
- Map Sheet
- Land Under Water
- Wetland Impact Area
- Wetland



NO.	DATE	REVISIONS

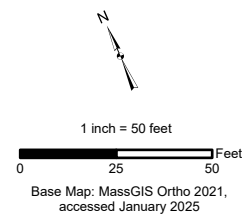
EVERSOURCE ENERGY	
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features	
SUDBURY, MA	MAP SHEET 13 OF 31
January 7, 2025	

C:\Users\A\Projects\2025\01\2546 - everource\Sudbury\Hudson\Map\CD\2546\Sudbury\Hudson\Project1



Legend

- Existing Road/Cart Path
- Limit of Work (LOW)
- Wetland Impact Area
- Map Sheet
- Existing Right-of-Way (ROW)
- Wetland

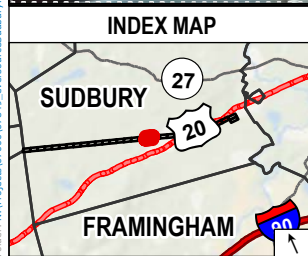








NO.	DATE	REVISIONS

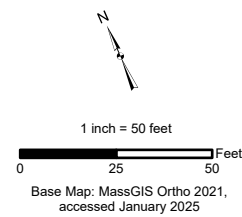
EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 15 OF 31
January 7, 2025	




- Legend**
-  Installed Snag
 -  Limit of Work (LOW)
 -  Wetland Impact Area
 -  Existing Right-of-Way (ROW)
 -  Map Sheet
 -  Wetland



NO.	DATE	REVISIONS

EVERSOURCE
ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 18 OF 31
January 7, 2025	

C:\Users\A\Projects\2025\012425_SudburyHudson\Map\18\18_SudburyHudsonProject1

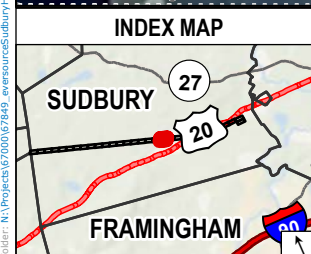


MAP SHEET 19

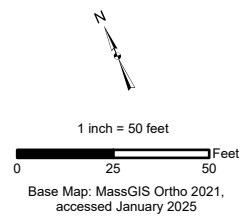
MAP SHEET 20

Segment 11

Wetland Impact Area S13



- Legend**
- Installed Brush Pile
 - Limit of Work (LOW)
 - Wetland Impact Area
 - Wetland
 - Existing Road/Cart Path
 - Map Sheet
 - Land Under Water
 - Existing Right-of-Way (ROW)



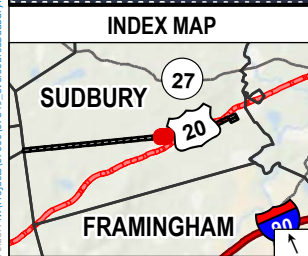
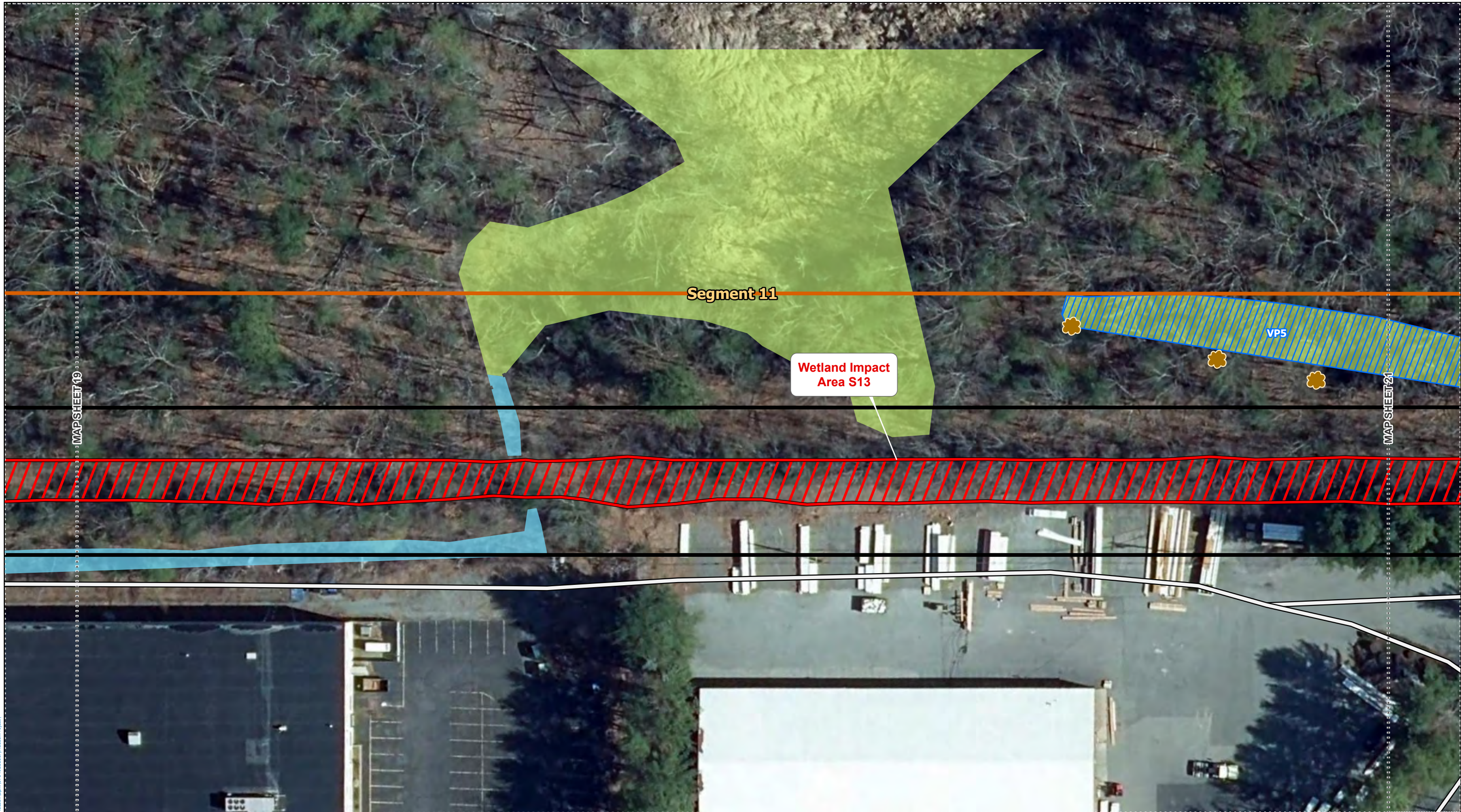
NO.	DATE	REVISIONS

EVERSOURCE ENERGY

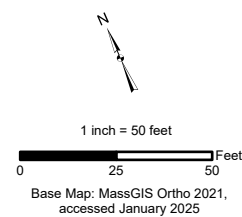
**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 19 OF 31
January 7, 2025	

C:\Users\A\Projects\20250107\250107_everource\SudburytoHudson\Map\19\250107_everource\SudburytoHudson\Project1



- Legend**
- Installed Snag
 - Limit of Work (LOW)
 - Wetland Impact Area
 - Vernal Pool
 - Existing Road/Cart Path
 - Map Sheet
 - Land Under Water
 - Wetland

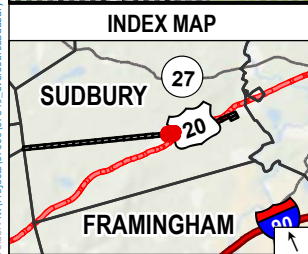
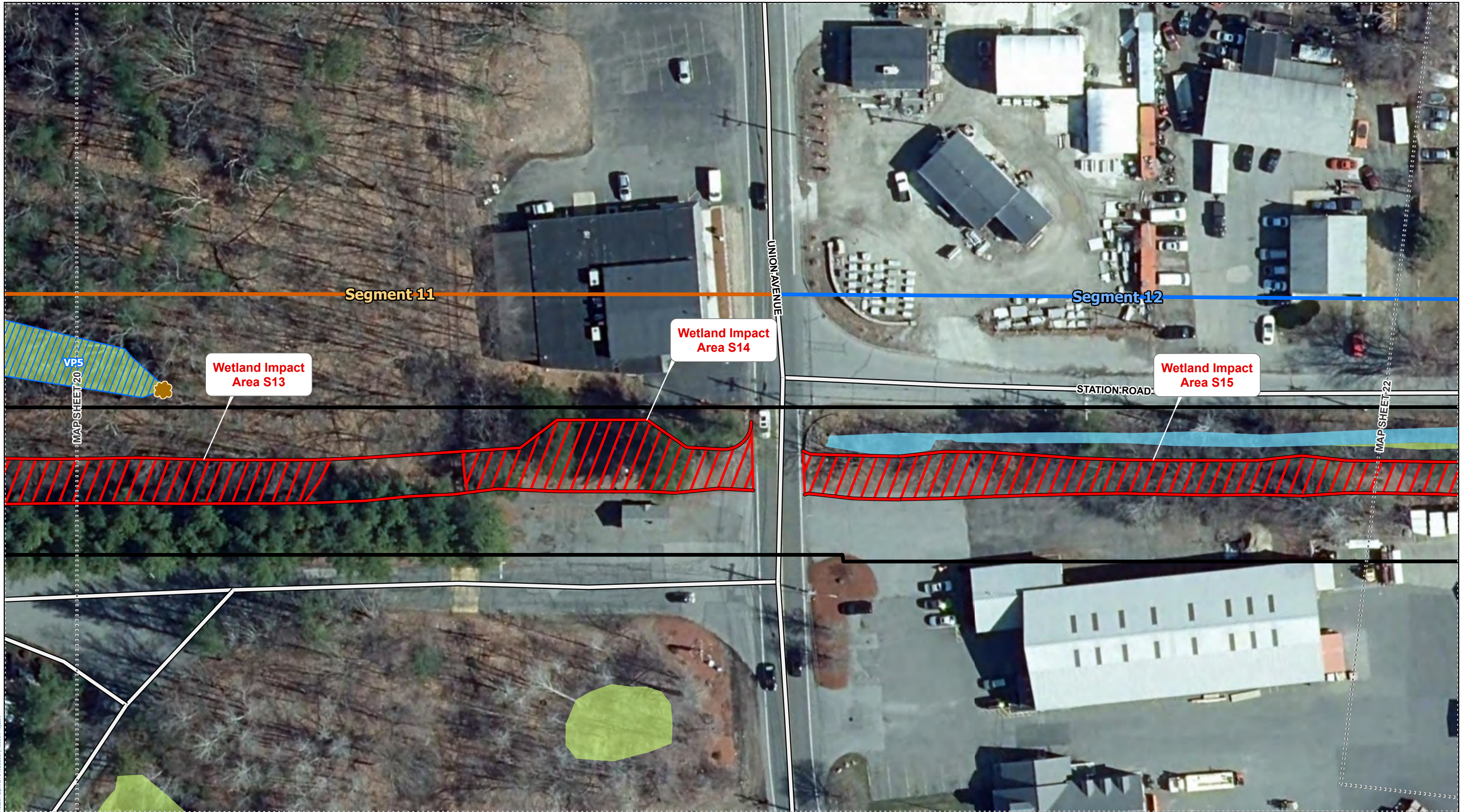


NO.	DATE	REVISIONS

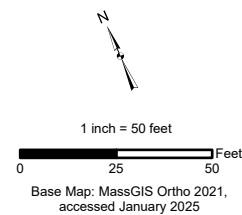
EVERSOURCE ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 20 OF 31
January 7, 2025	



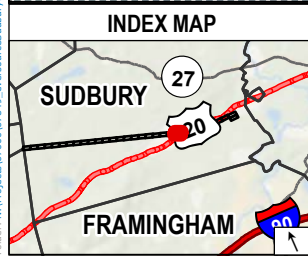
- Legend**
- Installed Snag
 - Limit of Work (LOW)
 - Wetland Impact Area
 - Vernal Pool
 - Existing Road/Cart Path
 - Map Sheet
 - Wetland
 - Existing Right-of-Way (ROW)
 - Land Under Water



EVERSOURCE ENERGY		
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features		
SUDBURY, MA		MAP SHEET 21 OF 31
January 7, 2025		SWCA ENVIRONMENTAL CONSULTANTS
NO.	DATE	REVISIONS

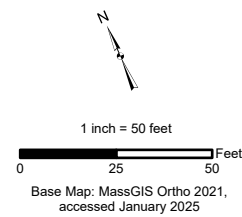


C:\Users\N\Projects\2025\012825_Sudbury\Hudson\Map\22\22_Sudbury\Hudson\Project



Legend

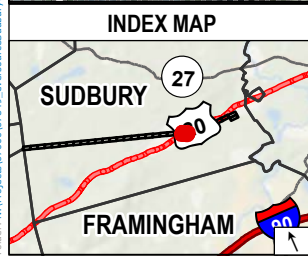
- Existing Road/Cart Path
- Existing Right-of-Way (ROW)
- Limit of Work (LOW)
- Map Sheet
- Land Under Water
- Wetland
- Wetland Impact Area



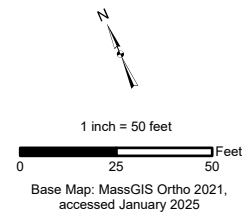
		EVERSOURCE ENERGY	
		Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features	
		SUDBURY, MA	MAP SHEET 22 OF 31
		January 7, 2025	SWCA ENVIRONMENTAL CONSULTANTS
NO.	DATE	REVISIONS	



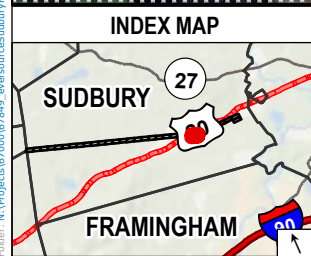
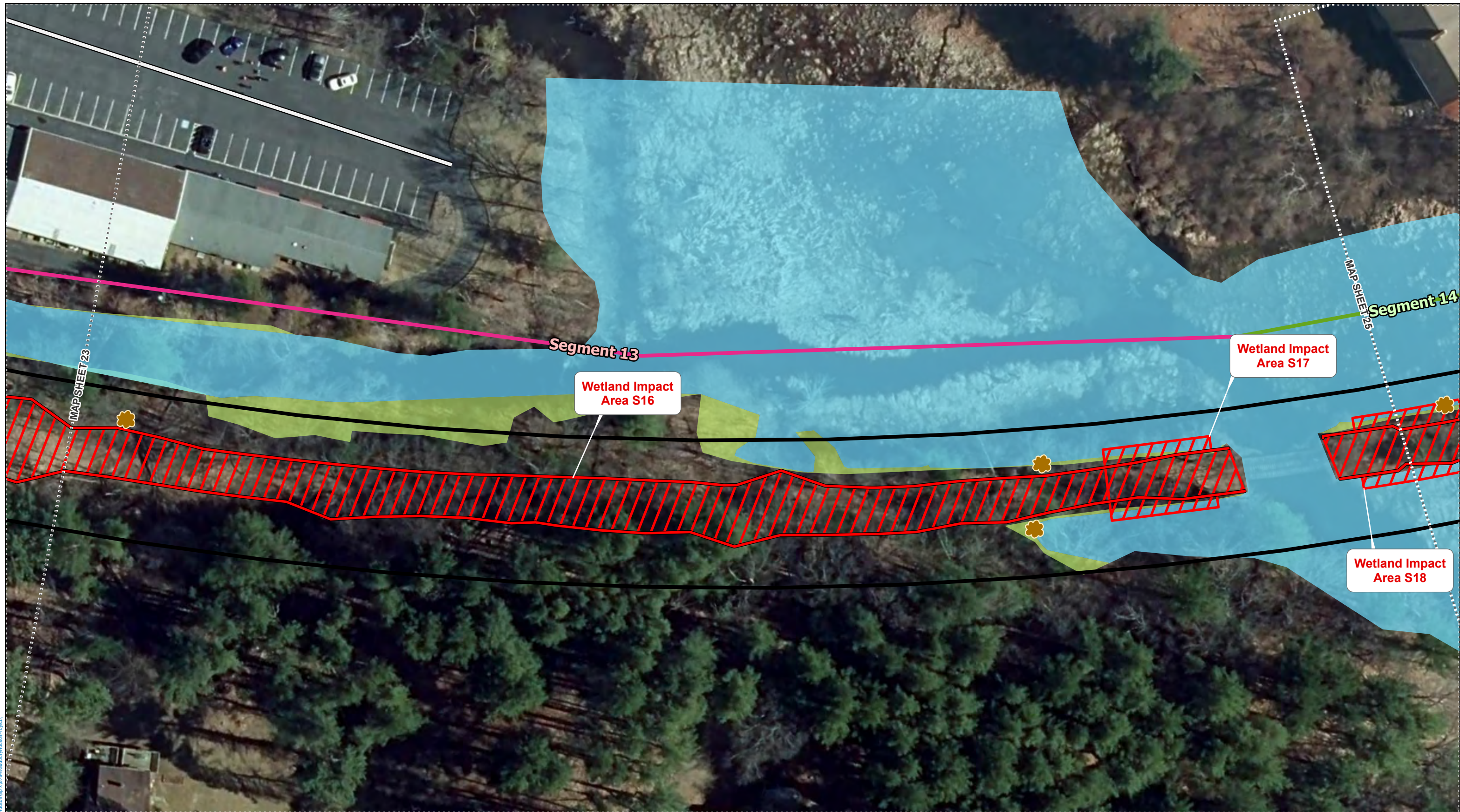
C:\Users\N\Projects\17008\17008_everource\Sudbury\Hudson\Area\GIS\MapSheet\HudsonProject



- Legend**
- Installed Snag
 - Limit of Work (LOW)
 - Wetland Impact Area
 - Wetland
 - Existing Road/Cart Path
 - Map Sheet
 - Land Under Water
 - Existing Right-of-Way (ROW)

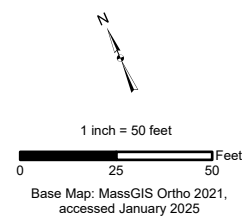


		EVERSOURCE ENERGY	
		Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features	
		SUDBURY, MA	MAP SHEET 23 OF 31
		January 7, 2025	SWCA ENVIRONMENTAL CONSULTANTS
NO.	DATE	REVISIONS	



Legend

- Installed Snag
- Limit of Work (LOW)
- Wetland Impact Area
- Existing Road/Cart Path
- Map Sheet
- Wetland
- Existing Right-of-Way (ROW)
- Land Under Water

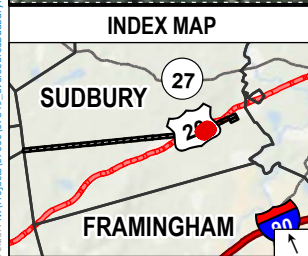


NO.	DATE	REVISIONS

EVERSOURCE
ENERGY

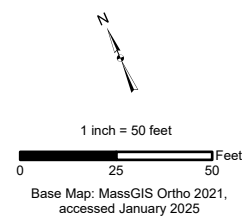
**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 24 OF 31
January 7, 2025	
ENVIRONMENTAL CONSULTANTS	



Legend

-  Installed Snag
-  Existing Right-of-Way (ROW)
-  Limit of Work (LOW)
-  Map Sheet
-  Land Under Water
-  Wetland Impact Area
-  Wetland



NO.	DATE	REVISIONS

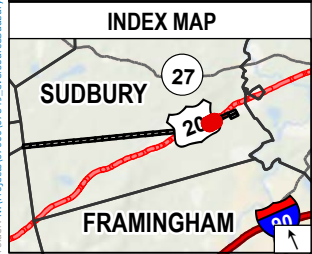
EVERSOURCE
ENERGY

**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

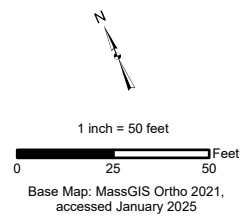
SUDBURY, MA MAP SHEET 26 OF 31

January 7, 2025

SWCA
ENVIRONMENTAL CONSULTANTS



- Legend**
- Installed Brush Pile
 - Limit of Work (LOW)
 - Wetland Impact Area
 - Installed Snag
 - Map Sheet
 - Vernal Pool
 - Existing Right-of-Way (ROW)
 - Land Under Water
 - Wetland



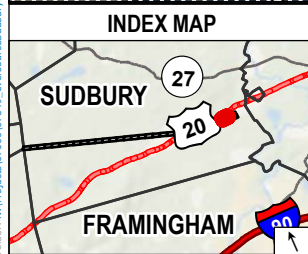
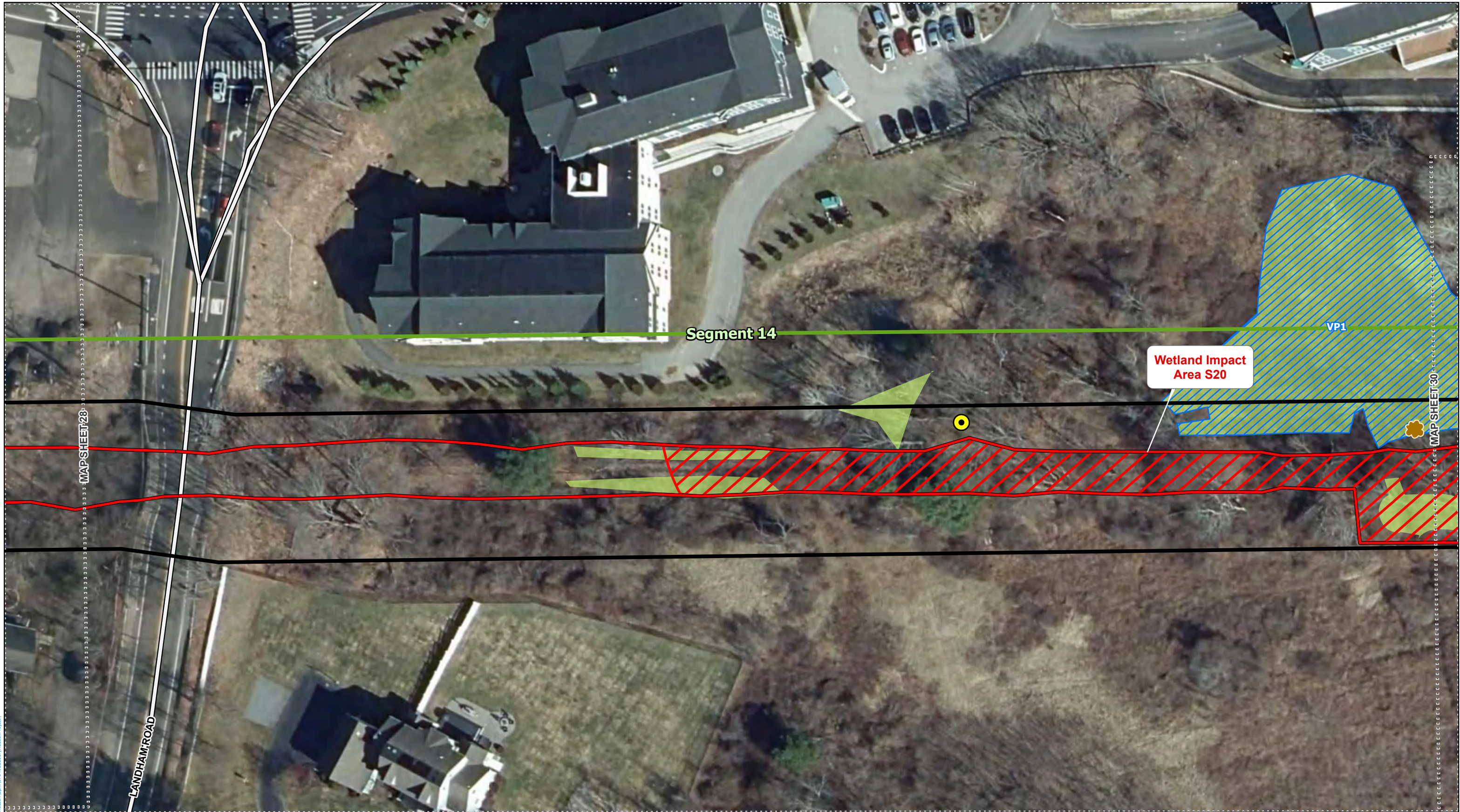
NO.	DATE	REVISIONS

EVERSOURCE ENERGY

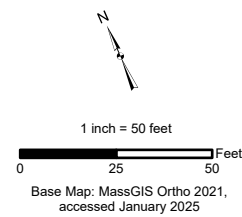
**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 27 OF 31
January 7, 2025	

C:\Users\N\Projects\2025\01\27462 - everource\Sudbury\Hudson\Map\27\27462\Sudbury\Hudson\Project1



- Legend**
- Installed Brush Pile
 - Installed Snag
 - Existing Road/Cart Path
 - Existing Right-of-Way (ROW)
 - Limit of Work (LOW)
 - Map Sheet
 - Wetland Impact Area
 - Vernal Pool
 - Wetland

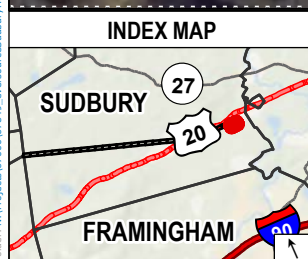






NO.	DATE	REVISIONS

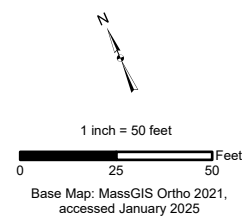
EVERSOURCE ENERGY


**Sudbury to Hudson
Construction Compliance Monitoring
Wildlife Habitat Features**

SUDBURY, MA	MAP SHEET 29 OF 31
January 7, 2025	



- Legend**
-  Installed Osprey Nest
 -  Existing Right-of-Way (ROW)
 -  Map Sheet
 -  Wetland



EVERSOURCE ENERGY		
Sudbury to Hudson Construction Compliance Monitoring Wildlife Habitat Features		
SUDBURY, MA		MAP SHEET 31 OF 31
January 7, 2025		
NO.	DATE	REVISIONS

C:\Users\A\Projects\03009\03009_03009\Sudbury\Hudson\Map\03009\03009_Hudson\Project1