

# MGL CHAPTER 131, SECTION 40 NOTICE OF INTENT

## ROADWAY IMPROVEMENT PROJECT FLETCHER HILL ROAD AND TIMBERHILL LANE LYNNFIELD, MA

May 27, 2021

Applicant:

Town of Lynnfield Department of Public Works  
c/O Mr. Robert J. Dolan, Town Administrator  
Town Hall, 55 Summer Street  
Lynnfield, MA 01940

Prepared by:

LINDEN ENGINEERING PARTNERS, LLC  
100 TradeCenter, Suite G700  
Woburn, MA 01801-1851

MGL CHAPTER 131, SECTION 40, NOTICE OF INTENT  
ROADWAY IMPROVEMENT PROJECT, FLETCHER HILL ROAD AND TIMBERHILL LANE  
LYNNFIELD, MA  
May 27, 2021

**TABLE OF CONTENTS**

Cover Letter

WPA Form 3 –Notice of Intent & Fee Transmittal Form

- Project Narrative
- Riverfront Alternatives Analysis
- List of Plans & Documents

Abutters Information

- Certified Abutters Map and List
- Copy of Notification to Abutters
- Affidavit of Service for Abutter Notifications

USGS Locus Maps 1 & 2

2021 NHESP Habitat Map

FEMA Flood Insurance Rate Map

Stormwater Report

Existing Conditions Hydrologic Calculations

Proposed Conditions Hydrologic Calculations

Plans

**WPA FORM 3 NOTICE OF INTENT &  
NOI FEE TRANSMITTAL FORM**  
WITH PROJECT NARRATIVE, RIVERFRONT ALTERNATIVES ANALYSIS,  
LIST OF PLANS & DOCUMENTS,



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection - Wetlands

**WPA Form 3 – Notice of Intent**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

LYNNFIELD, MA

City/Town

**Important:**

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:  
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

**A. General Information**

1. Project Location (**Note:** electronic filers will click on button to locate project site):

<u>Fletcher Road and Timberhill Lane</u>	<u>Lynnfield</u>	<u>01940</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	<u>42.519FR/42.520TL</u>	<u>71.016FR/71.018TL</u>
	d. Latitude	e. Longitude
<u>46</u>	<u>1983 FR, 1913 FR, 1195 TL, 1129 TL</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Robert J.</u>	<u>Dolan, Town Administrator</u>	
a. First Name	b. Last Name	
<u>Town of Lynnfield, MA Department of Public Works</u>		
c. Organization		
<u>Town Hall, 55 Summer Street</u>		
d. Street Address		
<u>Lynnfield</u>	<u>MA</u>	<u>01940</u>
e. City/Town	f. State	g. Zip Code
<u>781-334-9503</u>	<u>781-334-9509</u>	<u>crichter@town.lynnfield.ma.us</u>
h. Phone Number	i. Fax Number	j. Email Address

3. Property owner (required if different from applicant):  Check if more than one owner

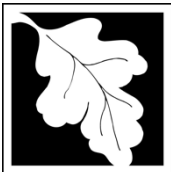
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>William</u>	<u>Jones</u>	
a. First Name	b. Last Name	
<u>Linden Engineering Partners, LLC</u>		
c. Company		
<u>100 TradeCenter, Suite G700</u>		
d. Street Address		
<u>Woburn</u>	<u>MA</u>	<u>01801</u>
e. City/Town	f. State	g. Zip Code
<u>781-933-3711</u>	<u>781-287-1277</u>	<u>bjones@lindeneng.com</u>
h. Phone Number	i. Fax Number	j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

<u>\$ 0.00 (FEE EXEMPT)</u>	<u>\$ 0.00 (FEE EXEMPT)</u>	<u>\$ 0.00 (FEE EXEMPT)</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

# WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
LYNNFIELD, MA
City/Town

## A. General Information (continued)

6. General Project Description:

Culvert Replacement and Improvements and Water Main Replacement in Fletcher Road and Culvert Modifications and Improvements in Timberhill Lane.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1.  Single Family Home
- 2.  Residential Subdivision
- 3.  Commercial/Industrial
- 4.  Dock/Pier
- 5.  Utilities
- 6.  Coastal engineering Structure
- 7.  Agriculture (e.g., cranberries, forestry)
- 8.  Transportation
- 9.  Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

- 1.  Yes  No      If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

310 CMR 10.24 b (water line work) and 310 CMR 10.24 c1 (roadway maintenance.)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Essex County Southern District

a. County

10667

c. Book

b. Certificate # (if registered land)

144

d. Page Number

## B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 1.  Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2.  Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

**WPA Form 3 – Notice of Intent**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

LYNNFIELD, MA

City/Town

**B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)**

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	90 TOTAL 1. linear feet	150 TOTAL 2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input checked="" type="checkbox"/> Land Under Waterbodies and Waterways	200 1. square feet 15 3. cubic yards dredged	535 2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	570 1. square feet 0 (Temp Disturbance) 3. cubic feet of flood storage lost	800 2. square feet 980 (Increase) 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - <b>specify coastal or inland</b>	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 12,000  
square feet

4. Proposed alteration of the Riverfront Area:

<u>505 (Temp. Disturbance)</u> a. total square feet	<u>450 (Temp. Disturbance)</u> b. square feet within 100 ft.	<u>55 (Temp. Disturbance)</u> c. square feet between 100 ft. and 200 ft.
--	---	---

5. Has an alternatives analysis been done and is it attached to this NOI?  Yes  No

6. Was the lot where the activity is proposed created prior to August 1, 1996?  Yes  No

3.  Coastal Resource Areas: (See 310 CMR 10.25-10.35)

**Note:** for coastal riverfront areas, please complete **Section B.2.f.** above.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

**WPA Form 3 – Notice of Intent**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

LYNNFIELD, MA

City/Town

**B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)**

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:  
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	
	_____	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	
	_____	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	_____	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	

4.  Restoration/Enhancement  
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

\_\_\_\_\_

a. square feet of BVW

\_\_\_\_\_

b. square feet of Salt Marsh

5.  Project Involves Stream Crossings

\_\_\_\_\_

a. number of new stream crossings

\_\_\_\_\_

b. number of replacement stream crossings



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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
LYNNFIELD, MA
City/Town

## C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

### Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to [http://maps.massgis.state.ma.us/PRI\\_EST\\_HAB/viewer.htm](http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm).

- a.  Yes  No **If yes, include proof of mailing or hand delivery of NOI to:**

**Natural Heritage and Endangered Species Program  
Division of Fisheries and Wildlife  
1 Rabbit Hill Road  
Westborough, MA 01581**

- ONLINE 2021  
b. Date of map \_\_\_\_\_

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review\*

- Percentage/acreage of property to be altered:
  - (a) within wetland Resource Area \_\_\_\_\_ percentage/acreage
  - (b) outside Resource Area \_\_\_\_\_ percentage/acreage

- Assessor's Map or right-of-way plan of site

- Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work \*\*
  - (a)  Project description (including description of impacts outside of wetland resource area & buffer zone)
  - (b)  Photographs representative of the site

\* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/endangered-species-act-mesa-regulatory-review>).

Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

\*\* MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.





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Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
LYNNFIELD, MA
City/Town

C. Other Applicable Standards and Requirements (cont'd)

(c) [ ] MESA filing fee (fee information available at https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review).
Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP at above address

Projects altering 10 or more acres of land, also submit:

- (d) [ ] Vegetation cover type map of site
(e) [ ] Project plans showing Priority & Estimated Habitat boundaries
(f) OR Check One of the Following

1. [ ] Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. [ ] Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP

3. [ ] Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?
a. [ ] Not applicable – project is in inland resource area only b. [ ] Yes [ ] No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

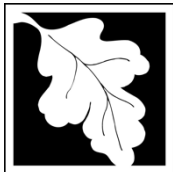
Division of Marine Fisheries - Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

Division of Marine Fisheries - North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

c. [ ] Is this an aquaculture project? d. [ ] Yes [ ] No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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### C. Other Applicable Standards and Requirements (cont'd)

**Online Users:**

Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a.  Yes  No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a.  Yes  No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a.  Yes  No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a.  Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1.  Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
  2.  A portion of the site constitutes redevelopment
  3.  Proprietary BMPs are included in the Stormwater Management System.
- b.  No. Check why the project is exempt:
1.  Single-family house
  2.  Emergency road repair
  3.  Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

### D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

**Online Users:** Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1.  USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2.  Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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LYNNFIELD, MA

City/Town

## D. Additional Information (cont'd)

- 3.  Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4.  List the titles and dates for all plans and other materials submitted with this NOI.
 

<u>SEE ATTACHED LIST</u>	
a. Plan Title	
<u>SEE ATTACHED LIST</u>	<u>SEE ATTACHED LIST</u>
b. Prepared By	c. Signed and Stamped by
<u>SEE ATTACHED LIST</u>	<u>SEE ATTACHED LIST</u>
d. Final Revision Date	e. Scale
<u>SEE ATTACHED LIST</u>	<u>SEE LIST</u>
f. Additional Plan or Document Title	g. Date
- 5.  If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6.  Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7.  Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8.  Attach NOI Wetland Fee Transmittal Form
- 9.  Attach Stormwater Report, if needed.

## E. Fees

- 1.  Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

<u>MUNICIPAL Project - FEE EXEMPT</u>	<u>N/A</u>
2. Municipal Check Number	3. Check date
<u>MUNICIPAL Project - FEE EXEMPT</u>	<u>N/A</u>
4. State Check Number	5. Check date
<u>N/A</u>	<u>N/A</u>
6. Payor name on check: First Name	7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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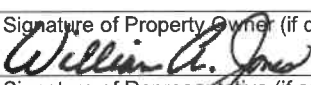
LYNNFIELD, MA

City/Town

## F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location

	5/27/2021
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	5/27/2021
	4. Date
5. Signature of Representative (if any)	5/27/2021
	6. Date

### For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

### For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

### Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**NOI Wetland Fee Transmittal Form**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



**A. Applicant Information**

1. Location of Project:

Fletcher Road and Timberhill Lane  
 a. Street Address  
 Lynnfield  
 b. City/Town  
 M/A - FEE EXEMPT  
 \$ 0.00 (FEE EXEMPT)  
 c. Check number  
 d. Fee amount

2. Applicant Mailing Address:

Robert J.  
 a. First Name  
 Dolan  
 b. Last Name  
 Town of Lynnfield, MA Department of Public Works  
 c. Organization  
 Town Hall, 55 Summer Street  
 d. Mailing Address  
 Lynnfield  
 e. City/Town  
 MA  
 f. State  
 01940  
 g. Zip Code  
 781-334-9503  
 h. Phone Number  
 781-993-9509  
 i. Fax Number  
 crichter@town.lynnfield.ma.us  
 j. Email Address

3. Property Owner (if different):

a. First Name  
 b. Last Name  
 c. Organization  
 d. Mailing Address  
 e. City/Town  
 f. State  
 g. Zip Code  
 h. Phone Number  
 i. Fax Number  
 j. Email Address

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

**B. Fees**

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

**Step 1/Type of Activity:** Describe each type of activity that will occur in wetland resource area and buffer zone.

**Step 2/Number of Activities:** Identify the number of each type of activity.

**Step 3/Individual Activity Fee:** Identify each activity fee from the six project categories listed in the instructions.

**Step 4/Subtotal Activity Fee:** Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

**Step 5/Total Project Fee:** Determine the total project fee by adding the subtotal amounts from Step 4.

**Step 6/Fee Payments:** To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection  
 Bureau of Resource Protection - Wetlands  
**NOI Wetland Fee Transmittal Form**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**B. Fees** (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
3c	2	\$ 1,050.00	\$ 2,100.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>Step 5/Total Project Fee:</b>			\$ 2,100.00

**Step 6/Fee Payments:**

Total Project Fee:	\$ 0.00 (FEE EXEMPT) a. Total Fee from Step 5
State share of filing Fee:	\$ 0.00 (FEE EXEMPT) b. 1/2 Total Fee <b>less</b> \$12.50
City/Town share of filing Fee:	\$ 0.00 (FEE EXEMPT) c. 1/2 Total Fee <b>plus</b> \$12.50

**C. Submittal Requirements**

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection  
 Box 4062  
 Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

**To MassDEP Regional Office** (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

**PROJECT NARRATIVE and RIVERFRONT ALTERNATIVES ANALYSIS**  
TO ACCOMPANY THE NOTICE OF INTENT FOR ROADWAY IMPROVEMENT PROJECT,  
FLETCHER ROAD AND TIMBERHILL LANE, LYNNFIELD, MA  
MAY 27, 2021

The proposed project consists of improvements and modifications on Fletcher Road and Timberhill Lane where Hawkes Brook, a perennial stream crosses under the roadways. The proposed work as follows:

#### FLETCHER ROAD

- Replacement of the existing deteriorated 30" cmp culvert at Fletcher Road with a new 30" reinforced concrete culvert pipe.
- Adding a new 12" reinforced concrete culvert at Fletcher Road,
- Providing stone riprap aprons and slope protection at both the upstream and downstream sides of the culverts.
- Replacement of the existing water main in Fletcher Road with a new ductile iron water main.

#### TIMBERHILL LANE

- Removal of a headwall and portion of the existing twin 36" culverts and lengthening of the stream channel to improve the flow characteristics of the culverts.
- Adding a new 12" reinforced concrete culvert at Timberhill Lane.
- Providing stone riprap aprons and slope protection at both the upstream and downstream sides of the culverts.

The proposed work is identified as a limited project under the MA Wetlands Protection Act Regulations (see 310 CMR 10.24 b (water line work) and 310 CMR 10.24 c1 (roadway maintenance)). Most of the proposed work will occur in the existing developed roadways. Minor portions of the work at Fletched Road will occur outside of the existing roadways (headwall repair and expansion and riprap aprons). At Timberhill Lane much of the work will occur in the roadway, however a portion of the new pipe and riprap at the upstream end and the culvert removal and stream channel expansion at the downstream end will occur outside the roadway. Work outside the roadways will be in Town owned easements or, at Timberhill Lane, on a Town owned parcel.

Wetland Resources in the project area are as follows:

- Land Under Waterway or Waterbody – this is the actual area under Hawkes Brook.
- Bank – this is the Bank of Hawked Brook.

**PROJECT NARRATIVE and RIVERFRONT ALTERNATIVES ANALYSIS**  
TO ACCOMPANY THE NOTICE OF INTENT FOR ROADWAY IMPROVEMENT PROJECT,  
FLETCHER ROAD AND TIMBERHILL LANE, LYNNFIELD, MA  
MAY 27, 2021  
Page 2 of 2

- Bordering Land Subject to Flooding – the area adjacent to Hawkes Brook below the 100 year flood elevation.
- Riverfront – this is the area 200 feet from Hawkes Brook.
- Buffer Zone – this is the area 100 feet from the Bank of Hawkes Brook.

It should be noted that Hawkes Brook has been identified in previous filings before the Conservation Commission as a perennial stream from a point below Carpenter Road, just upstream from Salem Street. Hawkes Brook is also identified as an Outstanding Resource Water as the brook is tributary to the City of Lynn water supply.

The culvert work on the project will be undertaken during periods of low flow to reduce any impacts on the resource. Erosion controls in the form of silt sacks in all catch basins proximate to the work, straw bale erosion checks in appropriate locations as the work proceeds and silt curtains in the brook downstream of the work will be employed.

The impacts of the work on the wetland resource areas have been minimized to the extent possible and are generally at the upstream and downstream ends of the culverts for riprap work to stabilize the stream channel and the sloped bank. The impacts of the proposed culvert changes on the hydrology and hydraulics of the stream are detailed in the Table attached to the Stormwater Report. The changes have been carefully considered to provide some improvement to flooding conditions in the area while minimizing downstream impacts.

It should also be noted that as a municipal project the work is exempt from the Town of Lynnfield Wetlands Bylaw and Regulations.

## **RIVERFRONT ALTERNATIVES ANALYSIS**

As stated a small portion of the work will occur in the Riverfront Area and the proposed work is a Limited Project. Due to the location of the actual work, there are no alternatives to the proposed work except for the No Build option. The work in the Riverfront Area is for stabilization to enable the existing waterway and slopes to be stable during storm events, therefore we believe that the Riverfront Standard for the project to improve existing conditiond has been met.



List of Plans & Documents Accompanying the  
Notice of Intent for Roadway Improvement Project,  
Fletcher Road and Timberhill Lane, Lynnfield, MA  
Applicant: Town of Lynnfield, MA Department of Public Works  
Location: Hawkes Brook at Fletcher Road and Timberhill Lane, Lynnfield, MA  
May 27, 2021

DOCUMENT NUMBER	DESCRIPTION
A	WPA Form 3 –Notice of Intent & Fee Transmittal Form with Project Narrative, Riverfront Alternatives Analysis and, List of Plans & Documents
B	Abutters Information including Certified Abutters Map and List, Copy of Notification to Abutters and Affidavit of Service for Abutter Notifications
C	USGS Locus Maps 1 & 2, 2021, NHESP Habitat Map and FEMA Flood Insurance Rate Map
D	Stormwater Report with Existing and Proposed Hydrologic Calculations
E	Plans entitled, “Roadway Improvement Project, Fletcher Road and Timberhill Lane, Lynnfield, MA” prepared by Linden Engineering Partners, LLC, signed and stamped by Richard G. Cutts, P.E., Massachusetts Registered Professional Engineer #29034, dated May 27, 2021 including Sheets 1 through 7.

# **ABUTTERS INFORMATION**

**WITH CERTIFIED ABUTTERS MAP AND LIST, NOTICE TO ABUTTERS AND  
AFFIDAVIT OF SERVICE FOR NOTIFICATION TO ABUTTERS**



# Abutters List

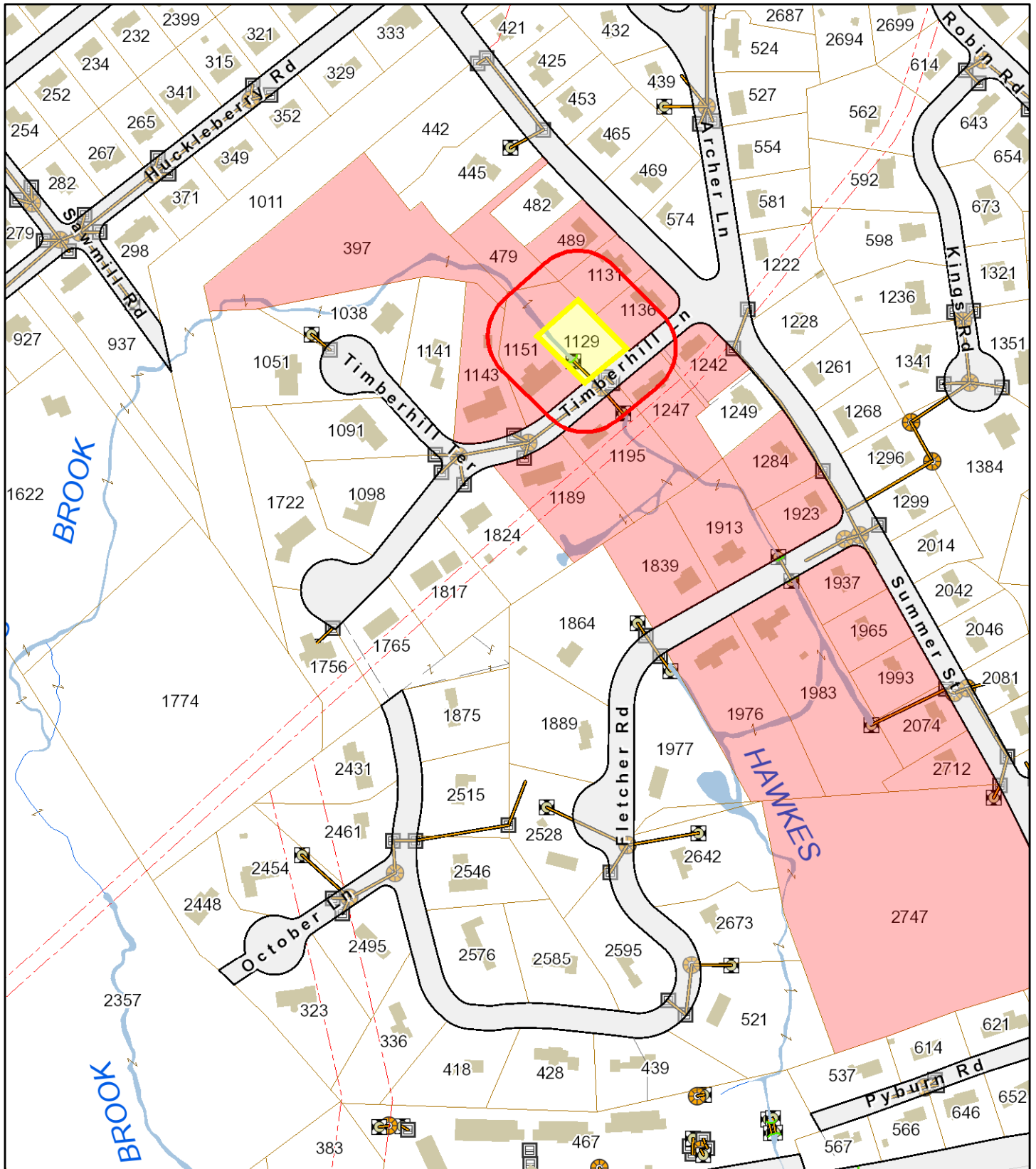
Lynnfield, MA

1 inch = 277 Feet

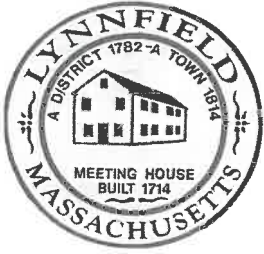


May 21, 2021

www.cai-tech.com



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# TOWN OF LYNNFIELD

RECEIVED

## ASSESSORS OFFICE

MAY 21 2021

55 Summer Street, Lynnfield, MA 01940

Phone: 781-334-9450

LYNNFIELD BOARD OF ASSESSORS

### REQUEST FOR CERTIFIED ABUTTERS LIST

\*\*CERTIFIED LIST WILL BE PROVIDED WITHIN TEN WORKING DAYS \*\*

PROPERTY LOCATION: Fletcher Rd + Timberhill for select parcels

ASSESSORS MAP#: \_\_\_\_\_ LOT #: \_\_\_\_\_

FEE: \$5.00 for first five pages, \$1.00 after each consecutive page.

#### TYPE OF LIST REQUESTED:

CONSERVATION COMMISSION

Within 100 ft.

BOARD OF APPEALS

Within 300 ft.

PLANNING BOARD

Within 300 ft.

BOARD OF HEALTH

Immediate abutter and directly across the street

SELECT BOARD-renewal of liquor license

REQUESTED BY: Charles Richter DATE: 5/21/21

PHONE NUMBER: (781) 389-2828 EMAIL: \_\_\_\_\_

-----Assessors Use Only-----

CERTIFIED BY: D. Peary DATE: 5/21/21

# OF PAGES: \_\_\_\_\_ DATE PAID: N/A CASH /Check# \_\_\_\_\_ Amt. \_\_\_\_\_



# 100 foot Abutters List Report

Lynnfield, MA  
May 21, 2021

## Subject Property:

Parcel Number: 0046-0000-1129  
CAMA Number: 0046-0000-1129  
Property Address: 2 TIMBERHILL LN

Mailing Address: TOWN OF LYNNFIELD  
TOWN HALL  
LYNNFIELD, MA 01940

## Abutters:

Parcel Number: 0046-0000-0397  
CAMA Number: 0046-0000-0397  
Property Address: BROOK TIMBERHILL

Mailing Address: LYNNFIELD TOWN OF CONSERVATION  
COMM  
TOWN HALL  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-0479  
CAMA Number: 0046-0000-0479  
Property Address: TIMBERHILL LN

Mailing Address: CLANCY RYAN M, T/E CLANCY JESSICA  
A, T/E  
915 SUMMER STREET  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-0482  
CAMA Number: 0046-0000-0482  
Property Address: 915 SUMMER ST

Mailing Address: CLANCY RYAN M, T/E CLANCY JESSICA  
A, T/E  
915 SUMMER STREET  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-0489  
CAMA Number: 0046-0000-0489  
Property Address: 925 SUMMER ST

Mailing Address: NGUYEN THI, T/E NGUYEN PHUONG,  
T/E  
925 SUMMER ST  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-1131  
CAMA Number: 0046-0000-1131  
Property Address: 935 SUMMER ST

Mailing Address: PATTERSON HERBERT, T/E  
PATTERSON LINDA W, T/E  
935 SUMMER ST  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-1136  
CAMA Number: 0046-0000-1136  
Property Address: 945 SUMMER ST

Mailing Address: FALKOFF CATHERINE  
1807 BROOKGREEN CT SE  
BOLIVIA, NC 28422

Parcel Number: 0046-0000-1143  
CAMA Number: 0046-0000-1143  
Property Address: 6 TIMBERHILL LN

Mailing Address: GUERRIERO GERALD, T/E GUERRIERO  
ANTONIETTA P, T/E  
6 TIMBERHILL LN  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-1151  
CAMA Number: 0046-0000-1151  
Property Address: 4 TIMBERHILL LN

Mailing Address: COGLIANI DOMENIC  
4 TIMBERHILL LANE  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-1189  
CAMA Number: 0046-0000-1189  
Property Address: 7 TIMBERHILL LN

Mailing Address: CELIKOVIC ADMIR DURAKOVIC  
MEVZAD  
7 TIMBERHILL LN  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-1195  
CAMA Number: 0046-0000-1195  
Property Address: 5 TIMBERHILL LN

Mailing Address: MM BUTTER REVOCABLE LIVING TR  
BUTTER MICHAEL A, TR  
5 TIMBERHILL LN  
LYNNFIELD, MA 01940



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# 100 foot Abutters List Report

Lynnfield, MA  
May 21, 2021

Parcel Number: 0046-0000-1242 CAMA Number: 0046-0000-1242 Property Address: 1 TIMBERHILL LN	Mailing Address: HORWOOD RONALD HORWOOD BARBARA J 1 TIMBERHILL LN LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1247 CAMA Number: 0046-0000-1247 Property Address: 3 TIMBERHILL LN	Mailing Address: THE PAINE FAMILY REALTY TRUST PAINE JOANNE N, TR 3 TIMBERHILL LN LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1249 CAMA Number: 0046-0000-1249 Property Address: 963 SUMMER ST	Mailing Address: COLARUSSO JOSEPH COLARUSSO GINA 963 SUMMER STREET LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1284 CAMA Number: 0046-0000-1284 Property Address: 965 SUMMER ST	Mailing Address: LEARY NORBERT, T/E LEARY MARY BETH, T/E 965 SUMMER ST LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1839 CAMA Number: 0046-0000-1839 Property Address: 3 FLETCHER RD	Mailing Address: BRESLOW JOSEPH J, T/E BRESLOW CHRISTINE A, T/E 3 FLETCHER RD LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1913 CAMA Number: 0046-0000-1913 Property Address: 1 FLETCHER RD	Mailing Address: CLINCH CHERYL A CLINCH DOUGLAS N 1 FLETCHER RD LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1923 CAMA Number: 0046-0000-1923 Property Address: 967 SUMMER ST	Mailing Address: DUPONT JOSHUA, J/T/R/S BIGELOW ELIZABETH, J/T/R/S 967 SUMMER ST LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1937 CAMA Number: 0046-0000-1937 Property Address: 969 SUMMER ST	Mailing Address: TAMMARO PHILLIP A T/E TAMMARO JENNIFER T/E 969 SUMMER ST LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1965 CAMA Number: 0046-0000-1965 Property Address: 975 SUMMER ST	Mailing Address: JOHNSON KELLY P JOHNSON TODD D 975 SUMMER STREET LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1976 CAMA Number: 0046-0000-1976 Property Address: 4 FLETCHER RD	Mailing Address: BOOK DAVID A, T/E BOOK PAMELA A, T/E 4 FLETCHER RD LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1983 CAMA Number: 0046-0000-1983 Property Address: 2 FLETCHER RD	Mailing Address: SCARLETT B ARTRUC 2016 REVOC ARTRUC SCARLET B, TR 2 FLETCHER RD LYNNFIELD, MA 01940
Parcel Number: 0046-0000-1993 CAMA Number: 0046-0000-1993 Property Address: 981 SUMMER ST	Mailing Address: POUTRE TYLER A, T/E POUTRE JENNIFER, T/E 981 SUMMER STREET LYNNFIELD, MA 01940



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# 100 foot Abutters List Report

Lynnfield, MA  
May 21, 2021

Parcel Number: 0046-0000-2074  
CAMA Number: 0046-0000-2074  
Property Address: 993 SUMMER ST

Mailing Address: ELLIOTT STACEY M  
993 SUMMER ST  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-2712  
CAMA Number: 0046-0000-2712  
Property Address: 1005 SUMMER ST

Mailing Address: DORFLINGER IVY DORFLINGER PETER  
1005 SUMMER ST  
LYNNFIELD, MA 01940

Parcel Number: 0046-0000-2747  
CAMA Number: 0046-0000-2747  
Property Address: SUMMER ST

Mailing Address: WILLOW CEMETERY LYNNFIELD TOWN  
OF  
TOWN HALL  
LYNNFIELD, MA 01940



[www.cai-tech.com](http://www.cai-tech.com)

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**Notification to Abutters Under the  
Massachusetts Wetlands Protection Act**

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following.

The name of the applicant is Town of Lynnfield Department of Public Works

- A. The applicant has filed a Notice of Intent with the Conservation Commission for the municipality of Lynnfield, MA seeking approval for Culvert Replacement and Improvements and Water Main Replacement in Fletcher Road and Culvert Modifications and Improvements in Timberhill Lane in Areas Subject to Protection Under the Wetlands Protection Act (General Laws Chapter 131, Section 40). A public hearing for this Application has been scheduled for the Lynnfield Conservation Commission Meeting on June 15<sup>th</sup> starting at 6:30 PM.
- B. The address of the lot where the activity is proposed is Fletcher Road and Timberhill Lane, Lynnfield, MA
- C. Copies of the Notice of Intent may be examined at the Lynnfield Conservation Commission office between the hours of 9:00 a.m. and 4:00 p.m. on the following days of the week: Monday through Thursday and between the hours of 9:00 a.m. and 1:00 p.m. on Friday

For more information, call (781) 334-9495

Check one: This is the applicant , representative , or other  (specify):  
Town of Lynnfield Conservation Commission

- D. Copies of the Notice of Intent may be obtained from either (check one) the applicant , or the applicant's representative , by calling this telephone number (781) 933-3711 between the hours of 9:00 a.m. and 3:00 p.m. on the following days of the week: Monday through Thursday

Check one: This is the applicant , representative , or other  (specify):  
William A. Jones, Linden Engineering Partners, LLC

**NOTE: Notice of the public hearing, including it's date, time, and place, will be published at least five (5) days in advance in the The Lynnfield Villager.**

**NOTE: You also may contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call:**

**Central Region: 508-792-7650**

**Southeast Region: 508-946-2700**

**XX Northeast Region: 978-694-3200**

**Western Region: 413-784-1100**



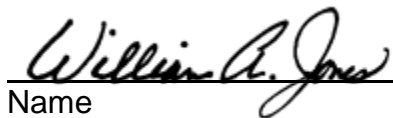
AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act

I, William A. Jones, hereby certify under the pains and penalties of perjury, based on information obtained from the Town of Lynnfield Assessor's Office, that on May 27, 2021, I gave notification to abutters for the ROADWAY IMPROVEMENT PROJECT, FLETCHER ROAD AND TIMBERHILL LANE in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994 as amended by 310 CMR 10.05(4)(a), in connection with the following matter:

A Notice of Intent filed under the Massachusetts Wetlands Protection Act by The Town of Lynnfield, MA filed with the Town of Lynnfield Conservation Commission for Culvert Replacement and Improvements and Water Main Replacement in Fletcher Road and Culvert Modifications and Improvements in Timberhill Lane.

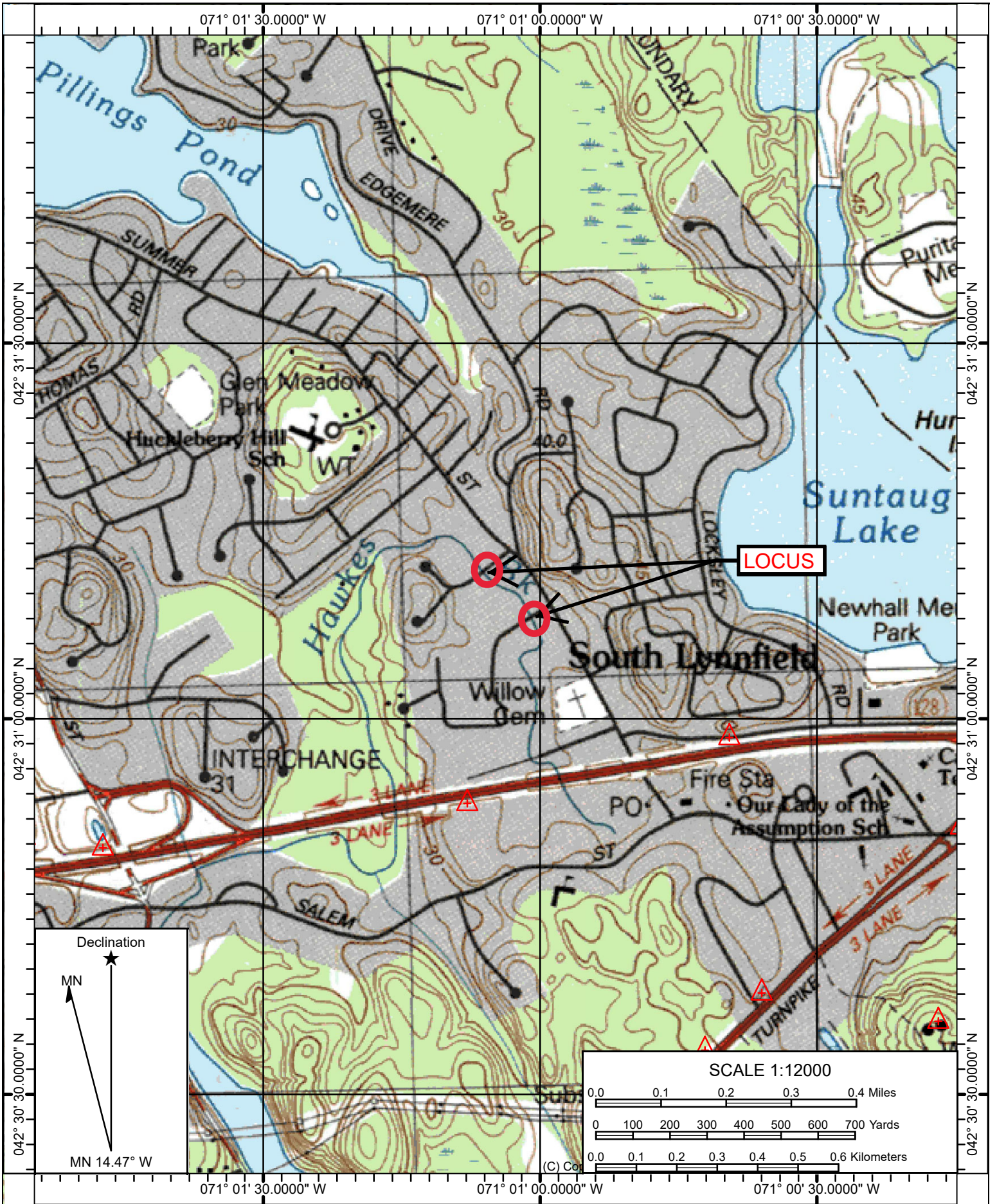
The form of the notification and a list of the abutters to whom it was sent are attached to this Affidavit of Service.

  
Name

May 27, 2018

Date

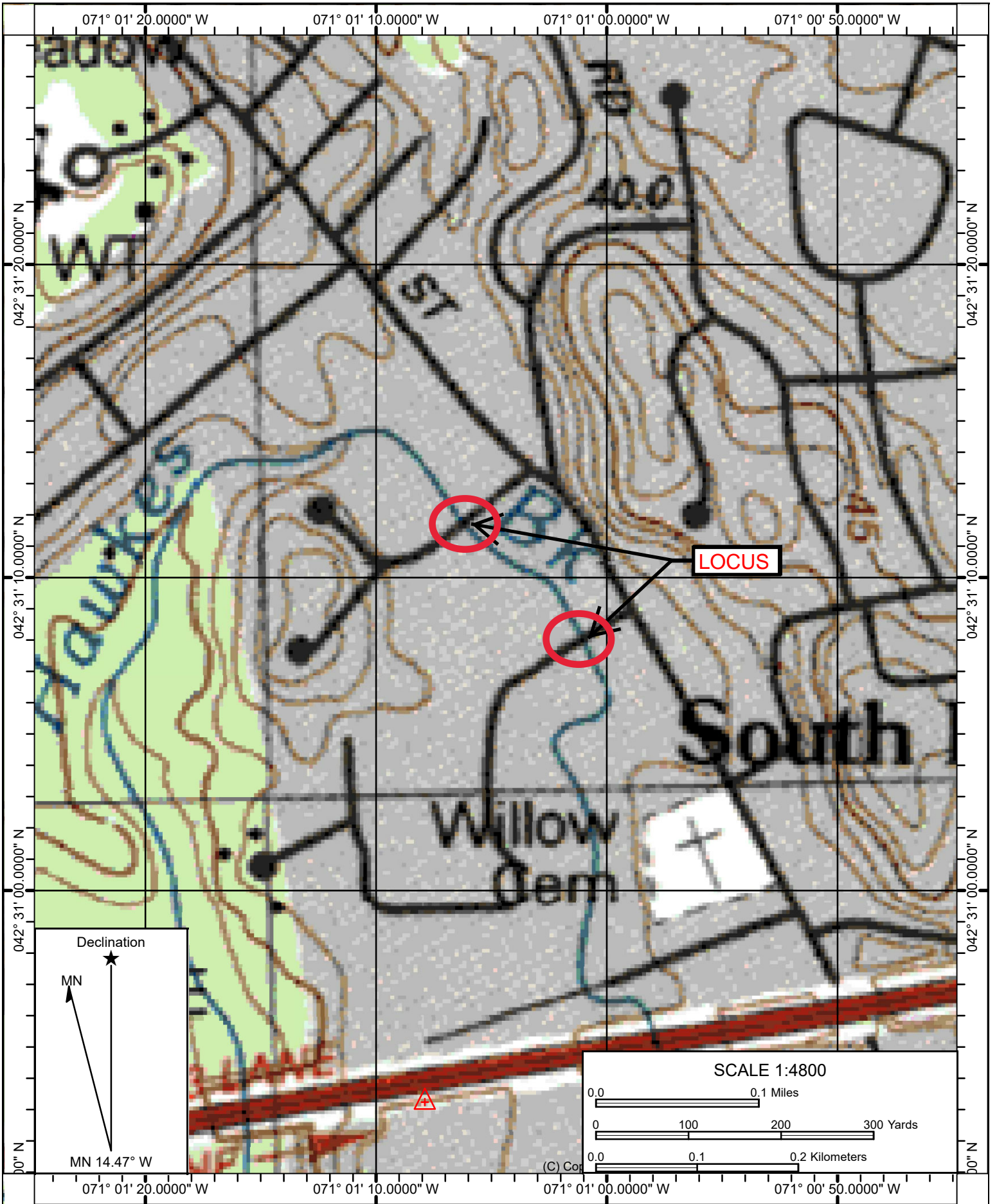
USGS LOCUS MAPS 1 & 2  
2021 NHESP HABITAT MAP  
FEMA FLOOD INSURANCE RATE MAP



Name: READING  
 Date: May 27, 2021  
 Scale: 1 inch = 1,000 ft.

Location: 042° 31' 09.1451" N, 071° 01' 04.8196" W  
 FLETCHER ROAD & TIMBERHILL LANE  
 LYNNFIELD, MA

(C) Copyright 2016, Trimble Navigation Limited



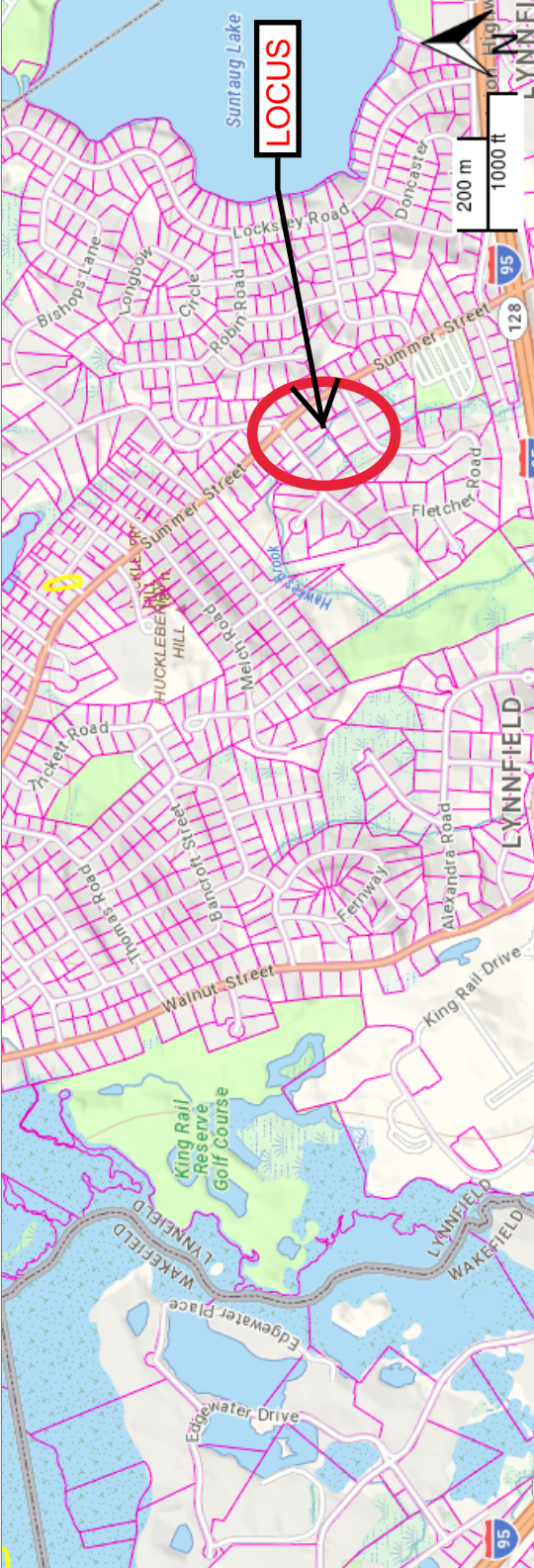
Name: READING  
 Date: May 27, 2021  
 Scale: 1 inch = 400 ft.

Location: 042° 31' 09.1451" N, 071° 01' 04.8196" W  
 FLETCHER ROAD & TIMBERHILL LANE  
 LYNNFIELD, MA

(C) Copyright 2016, Trimble Navigation Limited

Datum: NAD27

FLETCHER ROAD AND TIMBERHILL LANE, LYNNFIELD, MA



Potential Vernal Pools

Priority Habitats of Rare

Estimated Habitats of Rare

NHESP Certified Vernal Pools

Tax Parcels for Query

Detailed Features

Tax Parcels for Display

MassGIS Statewide Base Map

# National Flood Hazard Layer FIRMette

71°01'21"W 42°31'14"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
*Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*

Future Conditions 1% Annual Chance Flood Hazard *Zone X*

Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*

Area with Flood Risk due to Levee *Zone D*

### OTHER AREAS OF FLOOD HAZARD

NO SCREEN *Zone X*

Area of Minimal Flood Hazard *Zone X*

Effective LOMR

Area of Undetermined Flood Hazard *Zone D*

### OTHER AREAS

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance Water Surface Elevation

- 20.2
- 17.5

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

### OTHER FEATURES

Digital Data Available

No Digital Data Available

Unmapped

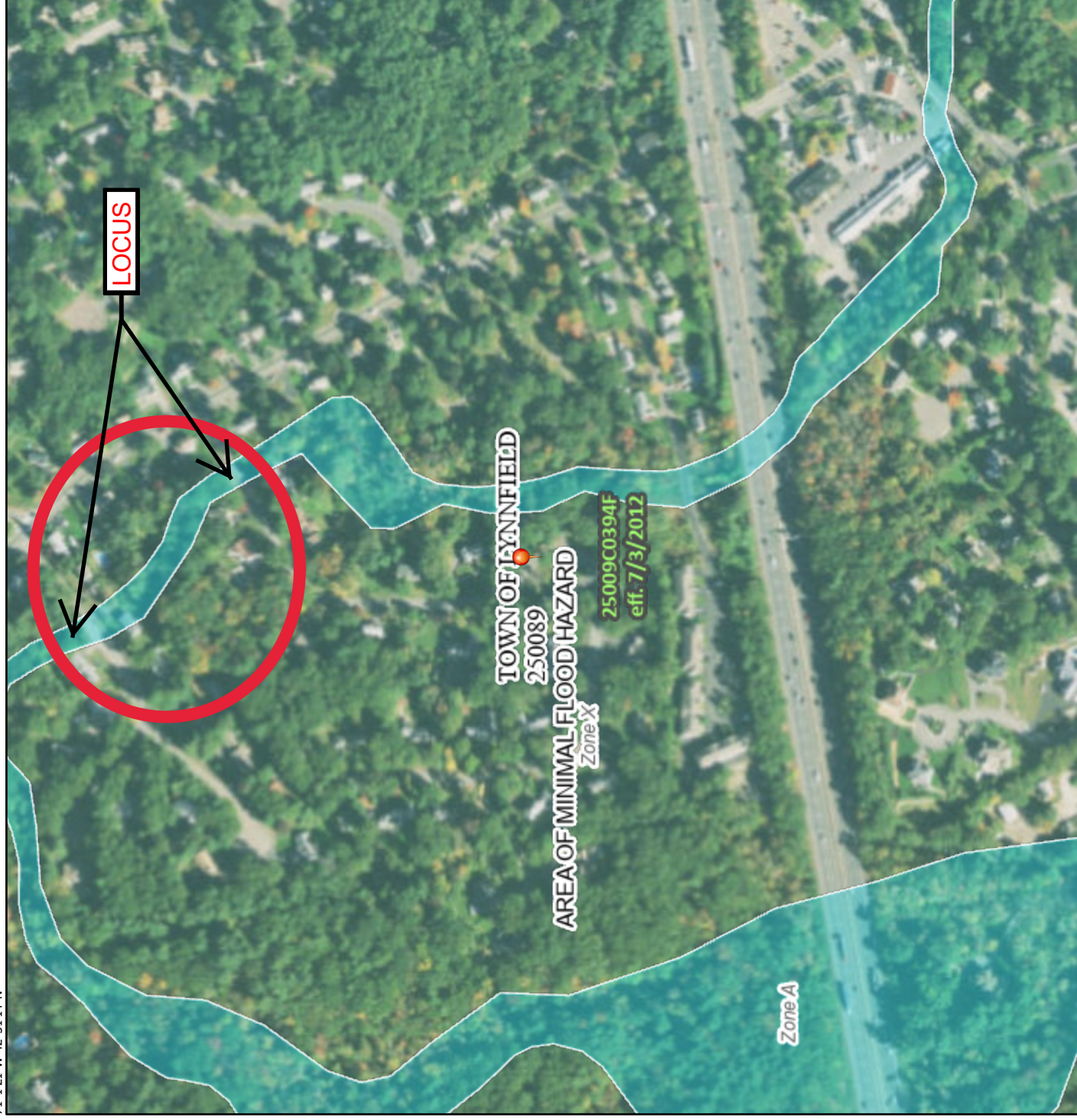
### MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/24/2021 at 7:45 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



71°01'21"W 42°30'48"N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map; Orthoimagery: Data refreshed October, 2020