

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

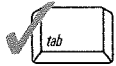
Document Transaction Number

Boxford

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):

Kelsey Road Boxford 01921  
a. Street Address b. City/Town c. Zip Code

Latitude and Longitude: \_\_\_\_\_  
d. Latitude e. Longitude

Road right-of-way \_\_\_\_\_  
f. Assessors Map/Plat Number g. Parcel /Lot Number

2. Applicant:

John Dold  
a. First Name b. Last Name

Boxford Dept. of Public Works  
c. Organization

7B Spofford Road  
d. Street Address

Boxford MA 01921  
e. City/Town f. State g. Zip Code

978-352-6555 978-352-5558 Jdold@town.boxford.ma.us  
h. Phone Number i. Fax Number j. Email Address

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

\_\_\_\_\_  
a. First Name b. Last Name

\_\_\_\_\_  
c. Organization

\_\_\_\_\_  
d. Street Address

\_\_\_\_\_  
e. City/Town f. State g. Zip Code

\_\_\_\_\_  
h. Phone Number i. Fax Number j. Email address

4. Representative (if any):

Robert Prokop  
a. First Name b. Last Name

Wetland Consulting Services  
c. Company

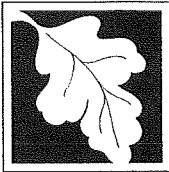
15 Bisson Lane  
d. Street Address

Merrimac MA 01860  
e. City/Town f. State g. Zip Code

978-346-9857 978-346-7479 Wcsbobb@aol.com  
h. Phone Number i. Fax Number j. Email address

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

\$0.00 (Municipal Project) \$0.00 \$0.00  
a. Total Fee Paid b. State Fee Paid c. City/Town Fee Paid



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## A. General Information (continued)

### 6. General Project Description:

Replace existing partially collapsed 18" rcp that has a 15" plastic pipe line with a new 18" rcp set at the same elevation and location.

### 7a. Project Type Checklist:

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Single Family Home                | 2. <input type="checkbox"/> Residential Subdivision                   |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial                     |
| 5. <input type="checkbox"/> Dock/Pier                         | 6. <input type="checkbox"/> Utilities                                 |
| 7. <input type="checkbox"/> Coastal Engineering Structure     | 8. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation                    | 10. <input checked="" type="checkbox"/> Other                         |

### 7b. Is any portion of the proposed activity eligible to be treated as a 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:

310CMR 10.53(3)(f) Maintenance of existing public roadways.....

2. Limited Project

### 8. Property recorded at the Registry of Deeds for:

a. County

Road right -of-way

b. Certificate # (if registered land)

c. Book

d. Page Number

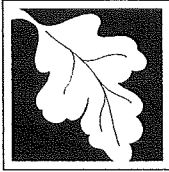
## B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 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.
- 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.

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 type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	300 sf (temporary) 1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet



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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	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 type="checkbox"/> Riverfront Area	1. Name of Waterway (if available)	
	2. Width of Riverfront Area (check one):	
	<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only	
	<input type="checkbox"/> 100 ft. - New agricultural projects only	
	<input type="checkbox"/> 200 ft. - All other projects	
	3. Total area of Riverfront Area on the site of the proposed project:	_____ square feet
	4. Proposed alteration of the Riverfront Area:	
	a. total square feet	b. square feet within 100 ft.
		c. square feet between 100 ft. and 200 ft.
	5. Has an alternatives analysis been done and is it attached to this NOI?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	6. Was the lot where the activity is proposed created prior to August 1, 1996?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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.

<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

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



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

	Size of Proposed Alteration	Proposed Replacement (if any)
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. <input type="checkbox"/> 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. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings	b. number of replacement stream crossings

## C. Other Applicable Standards and Requirements

### 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://www.mass.gov/dfwele/dfw/nhESP/regulatory\\_review/priority\\_habitat/online\\_viewer.htm](http://www.mass.gov/dfwele/dfw/nhESP/regulatory_review/priority_habitat/online_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  
100 Hartwell Street, Suite 230  
West Boylston, MA 01583

2014  
b. Date of map



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

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.1.d, 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).*

### 1. c. Submit Supplemental Information for Endangered Species Review

1.  Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

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

3.  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

(c)  MESA filing fee (fee information available at:

[http://www.mass.gov/dfwele/dfw/nhosp/regulatory\\_review/mesa/mesa\\_fee\\_schedule.htm](http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_fee_schedule.htm)).

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

### d. 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, [http://www.mass.gov/dfwele/dfw/nhosp/regulatory\\_review/mesa/mesa\\_exemptions.htm](http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/mesa/mesa_exemptions.htm); the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

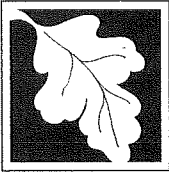
2.  Separate MESA review ongoing.

a. NHESP Tracking #

b. Date submitted to NHESP

Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhosp/nhosp.htm>, regulatory review tab). 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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## C. Other Applicable Standards and Requirements (cont'd)

3.  Separate MESA review completed.  
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
2. 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 or hand delivery of NOI to either:
- |   |  |
|---|--|
| South Shore - Cohasset to Rhode Island, and the Cape & Islands:   | North Shore - Hull to New Hampshire:   |
| Division of Marine Fisheries - Southeast Marine Fisheries Station<br>Attn: Environmental Reviewer<br>1213 Purchase Street – 3rd Floor<br>New Bedford, MA 02740-6694 | Division of Marine Fisheries - North Shore Office<br>Attn: Environmental Reviewer<br>30 Emerson Avenue<br>Gloucester, MA 01930 |

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.

3. 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
4. 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
5. 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
6. 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:
- Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
  - A portion of the site constitutes redevelopment
  - Proprietary BMPs are included in the Stormwater Management System.
- b.  No. Check why the project is exempt:
- Single-family house

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

- 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

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.
- 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.

Existing Conditions Plan in Boxford, MA

a. Plan Title

Donohoe Survey, inc.

b. Prepared By

November 17, 2014

d. Final Revision Date

Paul Donohoe

c. Signed and Stamped by

1" = 10'

e. Scale

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.



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**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:

Municipal project no fee required

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name

**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.

*John C. Dold*  
1. Signature of Applicant

11/18/2014  
2. Date

*Robert [unclear]*  
3. Signature of Property Owner (if different)  
5. Signature of Representative (if any)

11/19/14  
4. Date  
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.





## Wetland Consulting Services

November 19, 2014

Boxford Conservation Commission  
7A Spofford Road  
Boxford, MA 01921

WCS Proj #: Boxford-24

**RE: Waive local filing fee for NOI Application, Culvert Replacement, Kelsey Road, Boxford, MA**

Dear Commissioners:

On behalf of the Boxford Department of Public Works (DPW), 7B Spofford Road, Boxford, MA, 01913, Wetland Consulting Services (WCS) is requesting a waiver of the local filing fee pursuant to the Boxford Wetlands By-law.

Since the proposed project is a municipal project, no State filing fee is required. Hopefully, you will agree to also waive the local fee.

If you have any questions or require any additional information, please feel free to contact me at 978-346-9857 or John Dold of the Boxford DPW at 978-352-6555.

Sincerely,  
Wetland Consulting Services,

A handwritten signature in cursive script, appearing to read "Robert Prokop".

Robert Prokop  
Wetland Scientist/Wildlife Biologist



**Wetland Consulting Services**

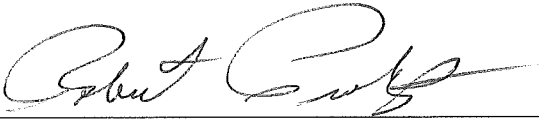
**AFFIDAVIT OF SERVICE**

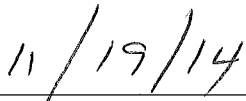
**Under the Massachusetts Wetlands Protection Act**

I, Robert Prokop, hereby certify under the pains and penalties of perjury that I will give notification to abutters 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, in connection with the following matter:

A Notice of Intent (NOI) filed under the Massachusetts Wetlands Protection Act on behalf of the Boxford DPW with the Boxford Conservation Commission to replace the culvert located below Kelsey Road.

The list of the abutters and their addresses (as prepared by the Boxford Assessor's Office) and who will be notified, are attached to this Affidavit of Service.

  
Name

  
Date

TOWN OF BOXFORD  
ABUTTER LIST

PARCEL # 20-1-15 ~ 36 KELSEY ROAD ~ CONSERVATION COMMISSION 250'  
PARCEL # 25-7-1 ~ 1 TRASK ROAD ~ CONSERVATION COMMISSION 250'

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
Parcel 20-1-15							
(20-1-14)	38 KELSEY RD	BAKER JR JOHN E TE	PATRICIA A BAKER	38 KELSEY RD	BOXFORD	MA	01921
(20-2-3)	41 KELSEY RD	KELLEY MARTHA		41 KELSEY RD	BOXFORD	MA	01921
(25-4-1.1)	18 KELSEY RD #1	O'TOOLE MARTIN J	O'TOOLE THERESA E	18 KELSEY RD UNIT 1	BOXFORD	MA	01921
(25-4-1.A)	20 KELSEY RD	EVERST CHRISTOPHER	EVERST ELISE	20 KELSEY RD	BOXFORD	MA	01921
(20-2-2)	37 KELSEY RD	FISCHER N PHYLLIS TR	KELSEY RD RL'T TR	37 KELSEY RD	BOXFORD	MA	01921
(20-9-3)	13 REDWOOD CIR	HART ROBERT T TE	HART SHIRLEY	13 REDWOOD CIR	BOXFORD	MA	01921
(20-1-15)	36 KELSEY RD	LAN BO	BARBERA ZACHARY	36 KELSEY RD	BOXFORD	MA	01921
(25-5-14)	24 POND ST	MASS ELECTRIC CO	PROPERTY TAX DEPT	40 SYLVAN RD	WALTHAM	MA	02451
(25-4-1.3)	18 KELSEY RD #3	METCALF CARLETON		18 KELSEY RD UNIT 3	BOXFORD	MA	01921
(20-2-4)	45 KELSEY RD	PAYNE WILLIAM H III TE	PAYNE ELIZABETH K	45 KELSEY RD	BOXFORD	MA	01921
(25-7-1)	1 TRASK RD	RICHARD BRIAN J TE	GULLA MARYANN	1 TRASK RD	BOXFORD	MA	01921
(20-9-4)	14 REDWOOD CIR	SWANSON ERIC P TE	KNEELAND TRACEEE E	14 REDWOOD CIR	BOXFORD	MA	01921
(25-4-1.2)	18 KELSEY RD #2	WOOD LM & SA TRS		18 KELSEY RD UNIT 2	BOXFORD	MA	01921
(25-1-27)	HEMLOCK AND KELSEY	WOOD S A & L M TR	SALLY A WOOD RL'T TR	18 KELSEY RD UNIT 2	BOXFORD	MA	01921

Parcel 25-7-1

(25-7-4)	19 TRASK RD	BAKER MARTIN B TE	VICTORIA T BAKER	19 TRASK RD	BOXFORD	MA	01921
(25-4-1.1)	18 KELSEY RD #1	O'TOOLE MARTIN J	O'TOOLE THERESA E	18 KELSEY RD UNIT 1	BOXFORD	MA	01921
(25-7-8)	12 TRASK RD	DONNELLY MICHAEL B & MARIA H	12 TRASK ROAD RLTY TR	12 TRASK RD	BOXFORD	MA	01921
(25-4-1.A)	20 KELSEY RD	EVERST CHRISTOPHER	EVERST ELISE	20 KELSEY RD	BOXFORD	MA	01921
(20-2-2)	37 KELSEY RD	FISCHER N PHYLLIS TR	KELSEY RD RL'T TR	37 KELSEY RD	BOXFORD	MA	01921
(20-2-1)	6 TRASK RD	GEMIS PAUL J JT	JOCELYN C GEMIS	6 TRASK RD	BOXFORD	MA	01921
(20-1-15)	36 KELSEY RD	LAN BO	BARBERA ZACHARY	36 KELSEY RD	BOXFORD	MA	01921

October 20, 2014

TOWN OF BOXFORD  
 ABUTTER LIST

PARCEL # 20-1-15 ~ 36 KELSEY ROAD ~ CONSERVATION COMMISSION 250'  
 PARCEL # 25-7-1 ~ 1 TRASK ROAD ~ CONSERVATION COMMISSION 250'

(25-5-14)	24 POND ST	MASS ELECTRIC CO	PROPERTY TAX DEPT	40 SYLVAN RD	WALTHAM	MA	02451
(25-4-1.3)	18 KELSEY RD #3	METCALF CARLETON		18 KELSEY RD UNIT 3	BOXFORD	MA	01921
(25-7-1)	1 TRASK RD	RICHARD BRIAN J TE	GULLA MARYANN	1 TRASK RD	BOXFORD	MA	01921
(25-7-2)	5 TRASK RD	SALMON PHILIP C	HENRIQUES ANA L	5 TRASK RD	BOXFORD	MA	01921
(25-1-25)	19 HEMLOCK RD	STANTON MATT D TR		19 HEMLOCK RD	BOXFORD	MA	01921
(25-7-3)	13 TRASK RD	VAILLENCOURT MICHAEL D TE	VAILLENCOURT STACEY J	13 TRASK RD	BOXFORD	MA	01921
(25-1-26)	23 HEMLOCK RD	WALLACE CAROLYN K TE	WALLACE CHARLES E	23 HEMLOCK RD	BOXFORD	MA	01921
(25-4-1.2)	18 KELSEY RD #2	WOOD LM & SATRS		18 KELSEY RD UNIT 2	BOXFORD	MA	01921
(25-1-27)	HEMLOCK AND KELSEY	WOOD S A & L M TR	SALLY A WOOD RLT TR	18 KELSEY RD UNIT 2	BOXFORD	MA	01921

CERTIFIED COPY

*Janet A. Gaudin*

October 20, 2014

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## Wetland Consulting Services

November 18, 2014

Boxford Conservation Commission  
7A Spofford Road  
Boxford, MA 01921

WCS Proj #: Boxford-24

**RE: NOI Application, Culvert Replacement, Kelsey Road, Boxford, MA**

Dear Commissioners:

On behalf of the Boxford Department of Public Works (DPW), 7B Spofford Road, Boxford, MA, 01913, Wetland Consulting Services (WCS) is filing this Notice of Intent (NOI) under the Massachusetts Wetlands Protection Act and the Boxford Wetlands By-law to replace an existing 18" rcp with a new 18" new rcp. The existing stone headwall on the outlet side would also be rebuilt. Approximately 300 s.f. of BVW would temporarily be impacted during the culvert replacement. While most of the work lies within the right-of-way of the road, some construction work will extend into the bordering properties. The DPW will be seeking drainage easements from the affected property owners at a later date.

In addition to this report, the attached document contains the following items:

- a) WPA Form 3 NOI
- b) 1" = 10' scale plan of the project area prepared Donohoe and Parkhurst, Inc. of Topsfield MA dated
- c) Figure 1 U.S.G.S locus map
- d) Photos A through D of the project area
- e) Request to waive local filing fee requirement
- f) Certified abutter's list
- g) Affidavit of Service

Wetlands (BVW) located on either side of the culvert were delineated on October 2, 2014. The criteria<sup>1</sup> used to identify the limits of the wetlands corresponds with the procedures used to delineate a Bordering Vegetated Wetlands (BVW) resource area pursuant to 310 CMR 10.55 (2). In addition to vegetation, soils and hydrologic indicators were used to aid in the delineation of the vegetated wetlands. The following alpha-numeric series were used to identify the limits of the delineated wetland:

A1 through A6 (inlet side)

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<sup>1</sup>Delineating Bordering Vegetated Wetlands under the Massachusetts Wetlands Protection Act: a Handbook. March 1995. Produced by the Mass. DEP, Div of Wetlands and Waterways.

### B1 through B4 (outlet side)

The delineation effort was limited to a length of approximately 50 ft to 75 ft on either side of the road. The wetland delineated with the A series flags exists mostly as a seasonally flooded/saturated, mixed palustrine, broad-leaved deciduous scrub/shrub and forested wetland (PSS1E/FO1E)<sup>2</sup>. The wetland on the outlet side, delineated with the B series flags, is a seasonally flooded/saturated, palustrine, broad-leaved deciduous forested wetland (PFO1E). The USGS map suggests that a stream is present, but examination of the wetland found no discernable stream channel.

The Boxford DPW would like to replace the existing 18" rcp located under Kelsey Road (see locus map Figure 1) with a new 18" rcp (see Photos A and B). A 15" corrugated plastic pipe was inserted in the old culvert when it started to fail. The new pipe would be placed at the same location and set at the same elevation as the old pipe, but it will not extend to the same length as the plastic pipe. The stone headwall located at the outlet end would be rebuilt after the culvert is replaced. Rock debris on the inlet side would be removed so the new culvert could be placed about 8' closer to the road than the plastic pipe. Several trees and shrubs along both sides of the culvert would need to be removed in order to install the new culvert. Silt fence would be installed along both sides of the culvert to minimize impacts to the bordering wetlands. Approximately 300 sf of BVW (200 sf on inlet side; 100 sf. on the outlet side) would temporarily be impacted during the culvert replacement.

Summarized below is the proposed construction sequence:

### **Construction Sequence**

- 1-Work to be conducted during mid to late Summer 2015. Road will be blocked off and traffic detoured during construction. Construction to take at least 2 days. Iron plate to be placed over work area overnight.
- 2-Cut and remove trees as shown on plan. Any saplings and shrubs in work area will also need to be removed. Remove beaver barrier. Beaver barrier to be replaced in the future if needed.
- 3-Install erosion control (silt fence only) around the inlet and outlet of the culvert.
- 4-Cut asphalt across section of road where culvert is to be replaced.
- 5-Dis-assemble stone headwall on outlet side saving stones.
- 6-Remove cut asphalt and excavate road base material to expose and remove culvert. Soil to be temporarily stockpiled along edge of trench.

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<sup>2</sup> Cowardin, L., V. Carter, F.C. Golet and E.T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Fish Wildl. Serv. FWS/OBS-79/31.

- 7-Remove rock rubble on inlet side to accommodate new culvert.
- 8-Install new 18" rcp culvert, rebuild headwall and backfill.
- 9-Rebuild rock wall on inlet side of road.
- 10-Spread loam over disturbed road slope and seed with Conservation seed mix.
- 11-Install guard rail on outlet side of road.
- 12-When entire culvert has been replaced, repave trench.
- 13-When road slopes are stable, remove silt fence.

End Construction Sequence

While some temporary disturbance would occur to the wetlands at the inlet and outlet of the culvert, no significant wetland impacts are expected.

If you have any questions or require any additional information, please feel free to contact me at 978-346-9857 or John Dold of the Boxford DPW at 978-352-6555.

Sincerely,  
Wetland Consulting Services,



Robert Prokop  
Wetland Scientist/Wildlife Biologist

attach(s)

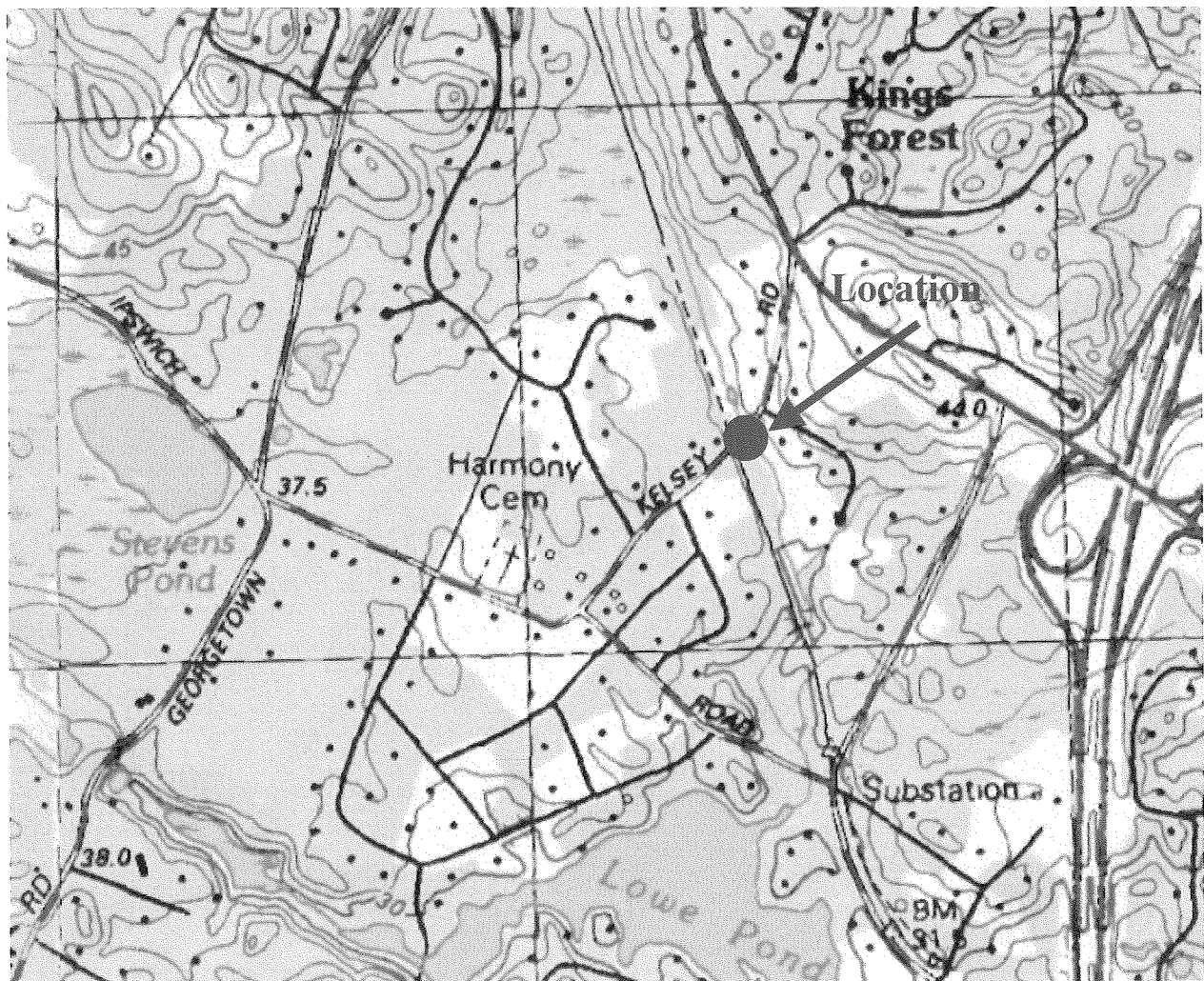


Figure 1. USGS locus map showing the location of the culvert replacements on Kelsey Road in Boxford, MA.





Photo A. Northerly view of Kelsey Road where the culvert will be replaced. Photo by B. Prokop, October 2, 2014.



Photo B. View of the northern side (inlet) of Kelsey Road showing the 15" plastic pipe insert. Photo by B. Prokop, October 2, 2014.



Photo C. View of the rock debris and the various trees on the inlet side of the culvert that need to be removed. Photo by B. Prokop, October 2, 2014.



Photo D. View of the plastic pipe insert and rock headwall on the outlet side of the road. Photo by B. Prokop, October 2, 2014.