

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

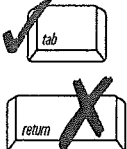
WPA Form 3 – Notice of Intent

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):

48 - 49 Woodcrest Road
 a. Street Address

Boxford
 b. City/Town

01921
 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
 a. First Name

Dold
 b. Last Name

Boxford Dept. of Public Works
 c. Organization

7B Spofford Road
 d. Street Address

Boxford
 e. City/Town

MA
 f. State

01921
 g. Zip Code

978-352-6555
 h. Phone Number

978-352-5558
 i. Fax Number

Jdold@town.boxford.ma.us
 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
 a. First Name

Prokop
 b. Last Name

Wetland Consulting Services
 c. Company

15 Bisson Lane
 d. Street Address

Merrimac
 e. City/Town

MA
 f. State

01860
 g. Zip Code

978-346-9857
 h. Phone Number

978-346-7479
 i. Fax Number

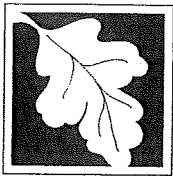
Wcsbobp@aol.com
 j. Email address

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

\$0.00 (Municipal Project)
 a. Total Fee Paid

\$0.00
 b. State Fee Paid

\$0.00
 c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Replace existing partially corroded 18" cmp with a new 18" HDPE plastic pipe 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:

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

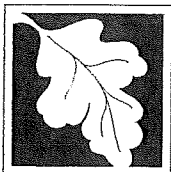
B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 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	200 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)

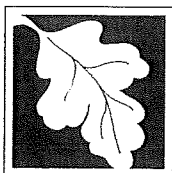
<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated 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.

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 _____



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

	<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. <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

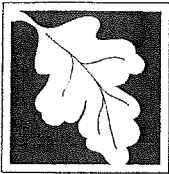
- Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

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/nhesp/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/nhesp/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.)

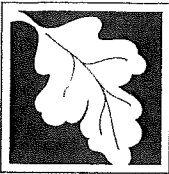
2. Separate MESA review ongoing.

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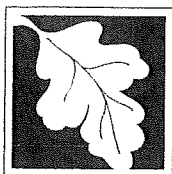
C. Other Applicable Standards and Requirements (cont'd)

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
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694 | Division of Marine Fisheries - North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
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

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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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.

Paul Donohoe

b. Prepared By

c. Signed and Stamped by

March 6, 2015

1" = 10'

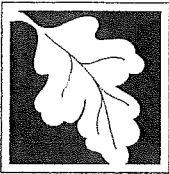
d. Final Revision Date

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

- 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.


1. Signature of Applicant

3-12-2015
2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

3-12-15
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

March 6, 2015

Boxford Conservation Commission
7A Spofford Road
Boxford, MA 01921

WCS Proj #: Boxford-26

RE: Waive local filing fee for NOI Application, Culvert Replacement, 49 Woodcrest Road, Boxford, MA

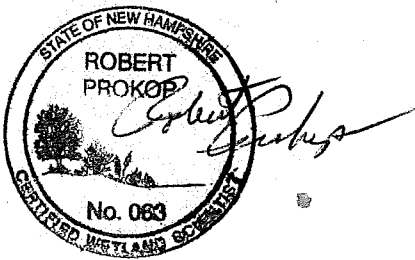
Dear Commissioners:

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,



Robert Prokop
Wetland Scientist/Wildlife Biologist

15 Bisson Lane, Merrimac, MA 01860
978-346-9857 • 978-346-7479 (FAX)



Wetland Consulting Services

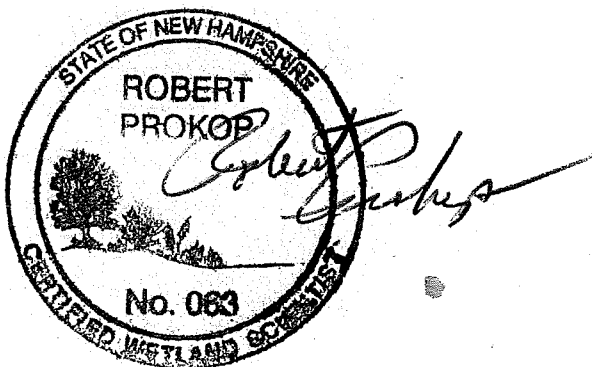
AFFIDAVIT OF SERVICE

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 49 Woodcrest 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

March 6, 2015

Date

*15 Bisson Lane, Merrimac, MA 01860
978-346-9857 • 978-346-7479 (FAX)*



Wetland Consulting Services

TOWN OF BOXFORD
ABUTTER LIST

PARCELS 20-10-14 and 20-9-13 ~ DPW CULVERT PROJECT ~ PREPARED FOR THE CONSERVATION COMMISSION

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
(20-10-11)	60 WOODCREST RD	ABARE JAMES C TE	LONA S ABARE	60 WOODCREST RD	BOXFORD	MA	01921
(20-9-12)	41 WOODCREST RD	BUELL ROBERT C		PO BOX 181	BOXFORD	MA	01921
(20-10-15)	42 WOODCREST RD	BURKE PAMELA R	PANE ANTHONY	42 WOODCREST RD	BOXFORD	MA	01921
(20-9-6)	8 REDWOOD CIR	DUBE PAUL A TE	DUBE LINDA S	8 REDWOOD CIR	BOXFORD	MA	01921
(20-9-16)	61 WOODCREST RD	GAUVAIN BRIAN	GAUVAIN MARY	61 WOODCREST RD	BOXFORD	MA	01921
(20-1-8)	116 KILLAM HILL RD	GUILDAY WILLIAM		116 KILLAM HILL RD	BOXFORD	MA	01921
(20-10-14)	48 WOODCREST RD	HELFAVT LISA A		48 WOODCREST RD	BOXFORD	MA	01921
(20-9-8)	23 WOODCREST RD	HUPPUGH MARIE J TE	FRANK W HUPPUGH	P O BOX 282	BOXFORD	MA	01921
(20-9-9)	25 WOODCREST RD	ISABEL E NATHAN JT	LINCOLN ALEXIS P	25 WOODCREST RD	BOXFORD	MA	01921
(20-1-9)	114 KILLAM HILL RD	J DAVID TREMBLAY CONST CO INC		114 KILLAM HILL RD	BOXFORD	MA	01921
(20-9-10)	WOODCREST RD	KELLY EVANGEELEA S	KELLY MATTHEW J	35 WOODCREST RD	BOXFORD	MA	01921
(20-9-11)	35 WOODCREST RD	KELLY EVANGEELEA S	KELLY MATTHEW J	35 WOODCREST RD	BOXFORD	MA	01921
(20-9-15)	55 WOODCREST RD	MALONEY SUSAN E	MALONEY ROBERT M JR	55 WOODCREST RD	BOXFORD	MA	01921
(25-5-14)	24 POND ST	MASS ELECTRIC CO	PROPERTY TAX DEPT	40 SYLVAN RD	WALTHAM	MA	02451
(20-10-3)	179 GEORGETOWN RD	MAYNARD ELLEN N	MAYNARD JOHN K	179 GEORGETOWN RD	BOXFORD	MA	01921
(20-10-13)	50 WOODCREST RD	MCGEE STEPHEN	MCGEE JULIE	50 WOODCREST RD	BOXFORD	MA	01921
(20-9-14)	53 WOODCREST RD	NICHOLS LAURA		53 WOODCREST RD	BOXFORD	MA	01921
(20-10-12)	56 WOODCREST RD	NORASETTHEKUL SOMCHINTANA	BHATT SANDEEP	56 WOODCREST RD	BOXFORD	MA	01921
(20-10-4)	185 GEORGETOWN RD	PERRY DANIEL S	PERRY MICHELLE L	185 GEORGETOWN RD	BOXFORD	MA	01921
(20-9-13)	49 WOODCREST RD	RAPP MARY E	THE MARY E RAPP TRUST	49 WOODCREST RD	BOXFORD	MA	01921
(20-10-5)	189 GEORGETOWN RD	SCOTT ALEXANDRA		189 GEORGETOWN RD	BOXFORD	MA	01921
(20-10-16)	40 WOODCREST RD	SHIRLEY JOHN B	SHIRLEY DEBRA L	40 WOODCREST RD	BOXFORD	MA	01921
(20-1-10)	110 KILLAM HILL RD	SOUZA IOSEPH C		110 KILLAM HILL RD	BOXFORD	MA	01921
(20-9-5)	10 REDWOOD CIR	STERN RICHARD E & CYNTHIA M	STERN REALTY TRUST	10 REDWOOD CIR	BOXFORD	MA	01921
(20-10-7)	197 GEORGETOWN RD	STEWART MARY E	STEWART LAURA ANN & MARY E	197 GEORGETOWN RD	BOXFORD	MA	01921
(20-9-7)	4 REDWOOD CIR	SUTHERLAND DEAN M	GOLDBERG BEVERLY	4 REDWOOD CIR	BOXFORD	MA	01921
(20-10-6)	GEORGETOWN RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(20-1-11)	108 KILLAM HILL RD	WHITE JEFFREY L	WHITE BERNICE J	108 KILLAM HILL RD	BOXFORD	MA	01921

CERTIFIED COPY

Jan Silva 2/19/2015

**15 Bisson Lane, Merrimac, MA 01860
978-346-9857 • 978-346-7479 (FAX)**



Wetland Consulting Services

March 6, 2015

Boxford Conservation Commission
7A Spofford Road
Boxford, MA 01921

WCS Proj #: Boxford-26

RE: NOI Application, Culvert Replacement, 48 - 49 Woodcrest 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" cnp with a new 18" high density polyethylene (HDPE) plastic pipe (see Photo A). The existing stone headwalls on each side of the road would remain intact or rebuilt. Approximately 200 s.f. (100 s.f. on each side) of bordering vegetated wetlands (BVW) may temporarily be impacted during the culvert replacement.

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
- c) Figure 1 U.S.G.S locus map
- d) Photos A and E 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 November 25, 2014. The criteria¹ 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 A5 (outlet side)
B1 through B4 (inlet side)

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

The delineation effort was limited to a length of approximately 50 ft on either side of the road. The wetlands delineated with the A and B series flags exists mostly as a saturated, palustrine, persistent emergent wetland (PEM1B)² dominated by hydrophytic grasses (see Photos C and E).

The Boxford DPW would like to replace the existing 18” cmp with a new 18” HDPE plastic pipe. The new pipe would be placed at the same location and set at the same elevation as the old pipe. The stone headwall located at the inlet would be rebuilt (dry stacked) after the culvert is replaced (see Photo B). The headwall on the outlet side would be left in place as the old culvert is removed (see Photo D). Silt fence would be installed along both sides of the culvert to minimize impacts to the bordering wetlands. Approximately 200 sf of BVW (100 s.f. on inlet side; 100 s.f. on the outlet side) may 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 overnite.
- 2-Cut and remove trees as shown on plan. Only a single tree would need to be cut. Any shrubs in work area will also need to be removed.
- 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 the inlet 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.
- 7-Pull existing culvert out from beneath the headwall on the outlet side leaving headwall in place.
- 8-Install new 18” HDPE culvert sliding it through the opening left in the headwall at the outlet side. Lay remaining section of new culvert at the inlet side and backfill trench.
- 9-Rebuild rock headwall on inlet side of road.
- 10-When entire culvert has been replaced and backfilled, repave trench.

² 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.

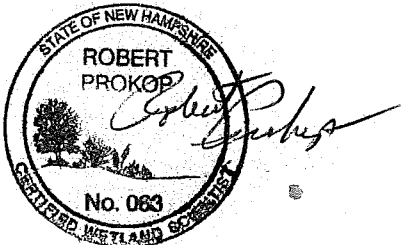
11-Spread loam over disturbed road slope and seed with Conservation seed mix.

12-When road slopes are stable, remove silt fence.

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

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)

Woodcrest Rd Boxford USGS map



Figure 1. USGS locus map showing the location of the culvert replacements between 48 and 49 Woodcrest Road in Boxford, MA.



Photo A. Northerly view Woodcrest Road where the culvert is proposed for replacement. Photo by B. Prokop, December 3, 2014.



Photo B. Easterly view of the inlet side of the culvert between 48 – 49 Woodcrest Road. Photo by B. Prokop, November 25, 2014.



Photo C. View of the wetland upslope of the culvert between 48 – 49 Woodcrest Road. Photo by B. Prokop, December 5, 2014.



Photo D. View of the outlet side of the culvert between 48 - 49 Woodcrest Road. Photo by B. Prokop, November 25, 2014.



Photo E. View of the wetland downslope of the culvert between 48 - 49 Woodcrest Road. Photo by B. Prokop, December 3, 2014.