

NHDES Shoreland Permit By Notification Application

I-93 Northbound Bridge Preservation Project

I-93 NB over US 3 – Bridge 096/049
I-93 NB over Wellington Road – Bridge 118/117
I-93 NB over Stevens Pond Wetlands – Bridge 123/118
I-93 NB over NH Route 101 – Bridge 126/126
I-93 NB over Bridge Street – Bridge 128/126

Manchester and Hooksett, NH

Prepared For

New Hampshire Department of Transportation
7 Hazen Drive
Concord, NH 03302

Prepared By

Normandeau Associates, Inc.
25 Nashua Road
Bedford, NH 03110-5500
603.472.5191

March 3, 2023

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SHORELAND PERMIT BY NOTIFICATION (PBN) NOTIFICATION FORM

Water Division/Land Resources Management
Shoreland Program
[Check the Status of your PBN](#)



RSA/Rule: RSA 483-B/Env-Wq 1400

Administrative Use Only	Administrative Use Only	<input type="checkbox"/> PBN Accepted, Expires:	
		<input type="checkbox"/> PBN Rejected	Reviewer's Initials:
		File No.:	Admin's Initials:
		Check No.:	Amount:

This form requests authorization to excavate, fill, or construct new structures within the protected shoreland, which is 250 feet landward of the reference line of public waters, as regulated under RSA 483-B. Refer to the cover sheet to determine your eligibility to use this form in lieu of the standard Shoreland Permit Application. **Please note:** Notification packages missing required components will be rejected and the fee will not be returned.

SECTION 1 - PROPERTY OWNER (RSA 483-B:5-b; Env-Wq 1406.17)			
LAST NAME, FIRST NAME, M.I.: New Hampshire Department of Transportation			
MAILING ADDRESS: 7 Hazen Drive	TOWN/ CITY: Concord	STATE: NH	ZIP CODE: 03302
PHONE: 603-271-3717	EMAIL: Bill.Saffian@dot.nh.gov		
SECTION 2 - PROJECT LOCATION (RSA 483-B:5-b; Env-Wq 1406.17)			
ADDRESS: I-93, northbound	TOWN/ CITY: Manchester	STATE: NH	ZIP CODE: 03104
WATERBODY NAME: Stevens Pond	TAX MAP/ LOT: [REDACTED]		
SECTION 3 - CONTRACTOR OR AGENT (Env-Wq 1406.17)			
LAST NAME, FIRST NAME, M.I.: Carbonneau, Lee			
MAILING ADDRESS: 25 Nashua Road	TOWN/ CITY: Bedford	STATE: NH	ZIP CODE: 03110
PHONE: 603-637-1150	EMAIL: lcarbonneau@normandean.com		
SECTION 4 - PROJECT DESCRIPTION (Env-Wq 1406.17)			
Provide a brief description of the proposed project including square footage of impacts and dimensions of new structures.			
Five I-93 northbound bridges will be preserved. One of these bridges, Manchester Bridge # 123/118 crosses Steven's Pond. Steven's Pond shoreland impacts include 16,373 sf of repairs/resurfacing of existing pavement, piers, and abutments. No new structures will be added and no tree clearing will occur in the Shoreland zone. Appropriate stormwater control measures (SCM) will be employed.			
TOTAL SQUARE FEET OF IMPACT: 16,373 TOTAL SQUARE FEET OF NET CHANGE IN <u>IMPERVIOUS</u> AREA: 0			
Total impact area is determined by the sum of all areas disturbed by excavation, fill, and construction. Examples include, but are not limited to: constructing new driveways, constructing new structures, removing or replacing structure foundations, grading, and installing a new septic system or well.			

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

SECTION 5 - PBN CRITERIA (RSA 483-B:5-b; Env-Wq 1406.05)		
Check one of the following project type criteria.		
<input type="checkbox"/> 1. This project impacts less than 1,500 square feet in total, with a net increase in impervious area, if any, of no more than 900 square feet. <i>PBN Impact Limit: 1,500 square feet/ Fee: \$400.</i>		
<input type="checkbox"/> 2. This project is proposed for the purpose of stormwater management improvements, erosion control, or environmental restoration or enhancement. <i>PBN Impact Limit: None/ Fee: \$200.</i>		
<input checked="" type="checkbox"/> 3. The project is for the maintenance, repair, and improvement of public utilities, public roads, and public access facilities. <i>PBN Impact Limit: None/ Fee: \$400.</i>		
<input type="checkbox"/> 4. The project consists of geotechnical borings, test wells, drinking water wells or is a site remediation project and meets the requirements of Env-Wq 1406.05. <i>PBN Impact Limit: None / Fee: \$400.</i>		
SECTION 6 - FEE (RSA 483-B:5-b; Env-Wq 1406.16)		
Consult Section 5 to determine fee. Make checks and money orders payable to "Treasurer - State of NH". Undated checks cannot be accepted. TOTAL FEE: \$400		
SECTION 7 - PHOTOS (RSA 483-B:5-b; Env-Wq 1406.16)		
<input checked="" type="checkbox"/> Dated photographs of each area proposed to be impacted are required for all projects.		
SECTION 8 - PLAN REQUIREMENTS (RSA 483-B:5-b; Env-Wq 1406.16)		
Check YES or NO to all statements, and review the applicable plan requirements. If your plans do not include the information that is required, your notification will be rejected.		
<input checked="" type="checkbox"/> YES	Required for all projects: A clear and detailed plan of work depicting, at a minimum, all impact areas, the reference line , and property lines. Plans that are not to scale must show all relevant dimensions and distances from the reference line and dimensions.	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes an increase in impervious (i.e. non-permeable) area. Plans must include the dimensions and locations of all existing and proposed impervious surfaces on the lot that are within 250 feet of the reference line. Decks are typically considered impervious.	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	< 20%	This project proposes an increase in impervious area, and the total post-construction impervious area on the lot within 250 feet of the reference line will not exceed 20%.
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	20 – 30%	This project proposes an increase in impervious area such that the total impervious area of the lot within 250 feet of the reference line will be greater than 20% but less than 30%. Plans must include a stormwater management system that will infiltrate increased stormwater runoff from development per RSA 483-B:9, V(g)(2) and in accordance with Env-Wq 1500 .
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	> 30%	This project proposes an increase in impervious area such that the total impervious area on the lot within 250 feet of the reference line will be greater than 30%. Plans must include a stormwater management system designed and certified by a professional engineer to account for all new development, and plans must demonstrate how the vegetation point score is met per RSA 483-B:9, V(g)(1,3) .
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes impacts within 50 feet of the reference line. Plans and photos must show each area of the waterfront buffer that will be impacted, including groundcover, and calculate the tree and sapling point scores in accordance with the Vegetation Management Fact Sheet .	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes impacts between 50 and 150 feet of the reference line. Plans must depict the 25% area of the woodland buffer to be designated and maintained as natural woodland. See the Vegetation Management Fact Sheet .	

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<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<p>This project proposes to install or expand an <u>accessory structure</u>, such as a patio or shed, within 50 feet of the reference line. All plans <i>must</i> demonstrate that the height, size, and setback limitations for accessory structures will be met. These limitations are described within the <u>Accessory Structure Fact Sheet</u>.</p> <p>The <u>shoreland frontage</u> on this lot is: <input type="text"/> linear feet. <input type="checkbox"/> N/A – There is no direct frontage on this lot.</p>
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<p>This project proposes a pervious (i.e. permeable) surface technology. Plans must include the location and type of the surface and a cross-section depicting the construction method, materials, and specifications as to how this surface will be maintained as a pervious technology. The notification must also include a maintenance plan describing how the surfaces will be maintained pervious.</p>

SECTION 9 - CONDITIONS (Env-Wq 1406.20; RSA 483-B:9, V, (d))

Initial each of the required conditions below.

1. Erosion and siltation control measures shall: be installed prior to the start of work; be maintained throughout the project; and remain in place until all disturbed surfaces are stabilized.
2. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
3. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
4. Any fill used shall be clean sand, gravel, rock, or other suitable material.
5. For any project where mechanized equipment will be used, orange construction fence shall: be installed prior to the start of work at the limits of the temporary impact area as shown on the plans approved as part of a permit or accepted as part of the permit by notification; be maintained throughout the project; and remain in place until all mechanized equipment has been removed from the site.

SECTION 10 - CERTIFICATIONS (Env-Wq 1406.18)

Initial each of the required certifications below.

1. The property owner shall sign the notification form below.
2. The signature(s) shall constitute certification that: the information provided is true, complete, and not misleading to the knowledge and belief of the signer; the signer understands that any permit by notification obtained based on false, incomplete, or misleading information is not valid; the project as proposed complies with the minimum standards established in RSA 483-B:9, V and will be constructed in strict accordance with the proposal; the signer accepts the responsibility for understanding and maintaining compliance with RSA 483-B and these rules; the signer understands that an accepted shoreland permit by notification shall not exempt the work proposed from other state, local, or federal approvals; the signer understands that incomplete notifications shall be rejected and the notification fee shall not be returned; and the signer is subject to the applicable penalties in RSA 641, *Falsification In Official Matters*.
3. The signature of the property owner certifies that the property owner has authorized the agent to act on the property owner's behalf for purposes of the notification. (Not Applicable)

SECTION 11 - REQUIRED SIGNATURE (RSA 483-B:5-b; Env-Wq 1406.18)

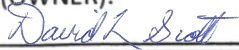
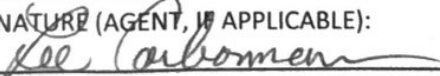
SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: David L. Scott	DATE: 3/23/2023
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Lee E. Carbonneau	DATE: 3/3/23



Photo 1. Looking west to temporary impact area B (Google Street View, October 2022)



Photo 2. Looking east to temporary impact area A (Google Street View, October 2022)

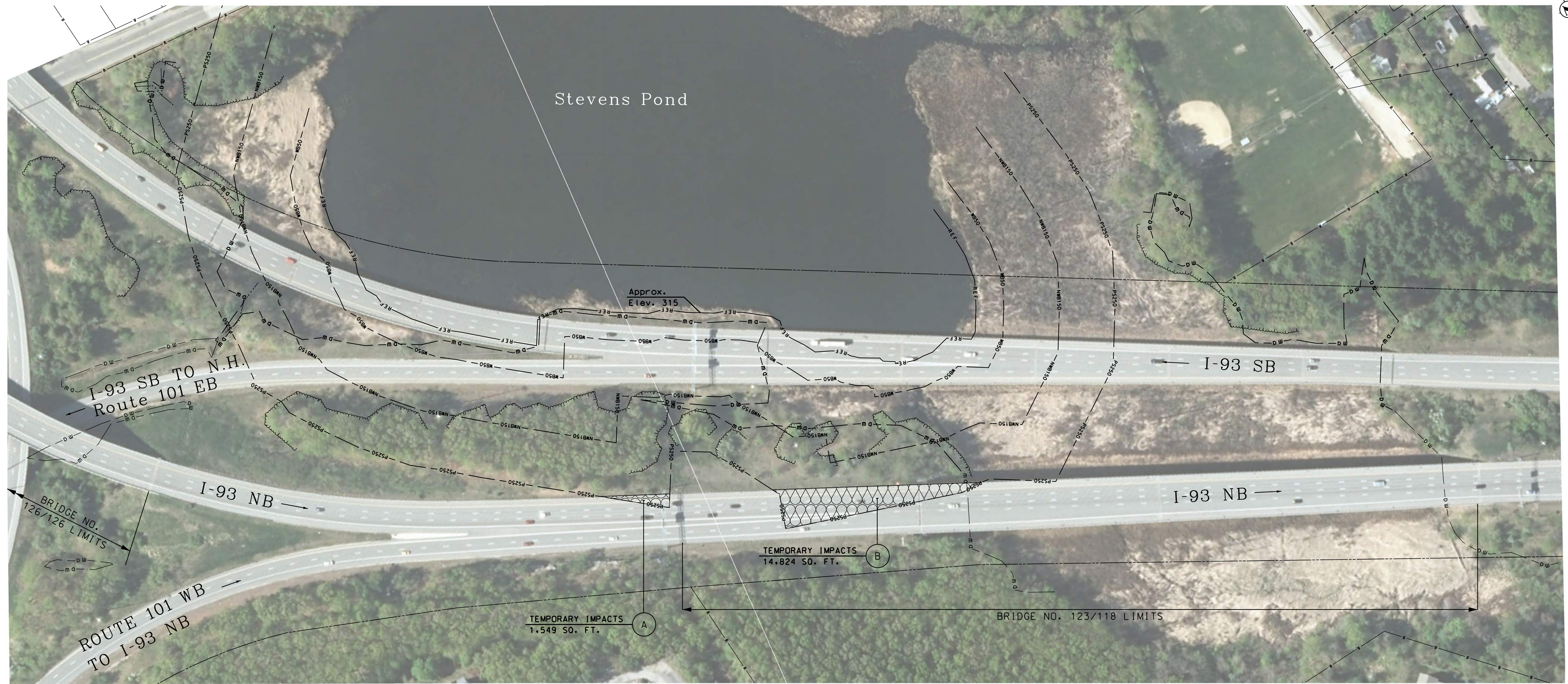
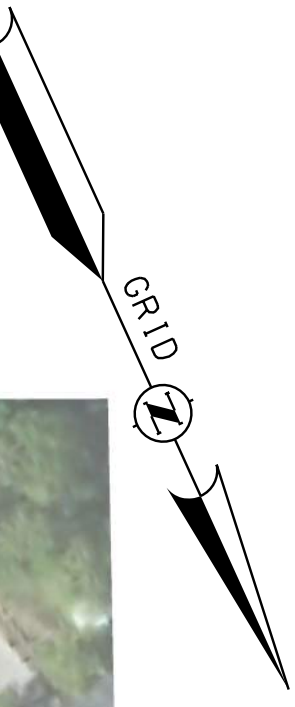


Photo 3. Looking west toward emergent wetland under temporary impact area B (June 20, 2022)



Photo 4. Looking east to bridge abutment at temporary impact area B (June 20, 2022)

SDR PROCESSED	DATE	AS BUILT DETAILS
NEW DESIGN	DATE	DATE
SHEET CHECKED	DATE	DATE
DESCRIPTION	STATION	STATION
DESCRIPTION	STATION	STATION



LEGEND

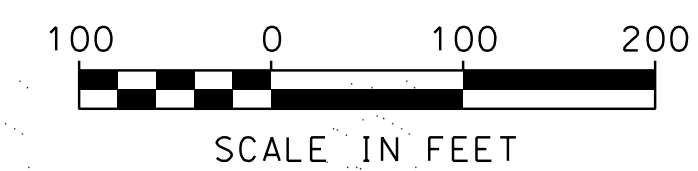
(X) SHORELAND IMPACT LOCATION

TYPE OF SHORELAND IMPACT	SHADING/HATCHING
REF TO WB50	
WB50 TO NWB150	
NWB150 TO PS250	

LOCATION	AREAS (SF)		
	REF TO WB50	WB50 TO NWB150	NWB150 TO PS250
A	0	0	1,549
B	0	0	14,824

TOTAL REF TO WB50 = 0 SF
 TOTAL WB50 TO NWB150 = 0 SF
 TOTAL NWB150 TO PS250 = 16,373 SF
 TOTAL IMPACTS REF TO PS250 = 16,373 SF

- NOTE:**
- NO NET PERMANENT CHANGE IN IMPERVIOUS AREA.
 - IMPACT AREAS A AND B ARE REPAIRS/RESURFACING OF EXISTING PAVEMENT, PIERS, AND ABUTMENTS.



STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SHORELAND PERMIT APPLICATION PLAN			
STEVEN'S POND, MANCHESTER, NH			
DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
42753shrp1an	42753	1	1