



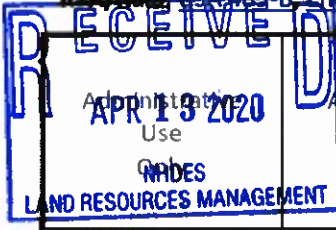
SHORELAND PERMIT BY NOTIFICATION (PBN)

Water Division/ Shoreland Program
Land Resources Management



Check the status of your PBN: <https://www.des.nh.gov/onestop/>

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



Administrative Use Only	<input checked="" type="checkbox"/> PBN Accepted, Expires: 4/16/2025	Reviewer Initials: RA-D
	<input type="checkbox"/> PBN Rejected	Admin Initials: SM
	File Number: 2020-00739	Amount: 400 -
	Check No. 163035	

This form requests authorization to excavate, fill, or construct new structures within the protected shoreland, which is 250 feet landward of the reference line, 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 type or print clearly. **Please note:** Notification packages missing required components will be rejected and the fee will not be returned.

1. PROPERTY OWNER			
LAST NAME, FIRST NAME, M.I.: City of Keene Public Works (Attn: Blomquist, Kurt)			
ADDRESS: 350 Marlboro Street	TOWN/ CITY: Keene	STATE: NH	ZIP CODE: 03431
PHONE: (603) 352-6550	EMAIL:		
2. PROJECT LOCATION			
ADDRESS: Winchester Street, Island Street, & Pearl Street	TOWN/ CITY: Keene	STATE: NH	ZIP CODE: 03431
WATERBODY NAME: Ashuelot River	TAX MAP: N/A - ROW	LOT NUMBER: N/A - ROW	
3. CONTRACTOR OR AGENT			
LAST NAME, FIRST NAME, M.I.: Hoffmann, Stephen			
ADDRESS: 53 Regional Drive	TOWN/ CITY: Concord	STATE: NH	ZIP CODE: 03301
PHONE: (603) 225 2978	EMAIL: shoffmann@mjinc.com		
4. PROJECT DESCRIPTION			
<p>Provide a brief description of the proposed project including square footage of impacts and dimensions of new structures. The proposed action involves replacing the existing Winchester Street and Key Road Intersection and the Intersection of Winchester Street, Pearl Street and Island Street with hybrid two-lane roundabouts with necessary associated widening. The proposed project also includes reconstruction of the Island Street Bridge, construction of stormwater treatment areas, and drainage upgrades.</p>			
<p>TOTAL SQUARE FEET OF IMPACT: 68,385 TOTAL SQUARE FEET OF NEW <u>IMPERVIOUS</u> AREA: 14,713</p> <p>Total Impact area is determined by the sum of all areas disturbed by excavation, filling, 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.</p>			

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

5. PBN CRITERIA: Check one of the following project type criteria. (RSA 483-B:5-b)

<input type="checkbox"/> 1. STANDARD PBN Project	This project impacts less than 1,500 square feet of which no more than 900 square feet is a net increase in impervious area.
<input type="checkbox"/> 2.	This project is directly related to stormwater management improvements, erosion control, or environmental restoration or enhancement. PBN Impact Limit: None / Fee: \$200.
<input type="checkbox"/> 3.	Per Env-Wq 1406.05, this project consists of geotechnical borings, test wells, drinking water wells or is a site remediation project. PBN Impact Limit: None / Fee: Capped at \$400.

4. Maintenance, repairs, and improvements of public utilities, public roads, and public access facilities

6. FEE

The base PBN fee is \$200 for restoration of water quality improvement projects, and \$400 for all other PBN projects. The special project types in Section 5 have alternate fee schedules as listed above.

Checks and money orders payable to "Treasurer - State of NH". **TOTAL FEE: \$ 400**

7. PHOTOS

Required for all projects.	Dated photographs of <u>each</u> area proposed to be impacted.
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8. PLAN REQUIREMENTS: 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.

Required for all projects.	A clear and detailed plan of work depicting, at a minimum, all the impact areas, the <u>reference line</u> and property lines. Plans that are not to scale must show all relevant distances from the reference line and dimensions.	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes an increase in <u>impervious</u> (i.e. non-permeable) area. Plans must include the dimensions and locations of all existing and proposed <u>impervious surfaces</u> within 250 feet of the <u>reference line</u> . Decks are typically considered impervious.	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	< 20%	This project proposes an increase in <u>impervious area</u> , and the total post-construction impervious area within 250 feet of the <u>reference line</u> 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 <u>impervious area</u> within 250 feet of the reference line will be greater than 20% but less than 30%. Plans must include a <u>stormwater management system</u> that will infiltrate increased stormwater runoff from development per <u>RSA 483-B:9, V(g)(2)</u> and in accordance with <u>Env-Wq 1500</u> .
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	> 30%	This project proposes an increase in <u>impervious area</u> such that the total impervious area within 250 feet of the <u>reference line</u> will be greater than 30%. Plans must include a <u>stormwater management system</u> designed and certified by a professional engineer to account for all new development, <u>and</u> plans must demonstrate how the vegetation point score is met per RSA 483-B:9, V(g)(1,3).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes impacts within 50 feet of the reference line. Plans and photos must show each area of the <u>Waterfront Buffer</u> that will be impacted, including groundcover, and calculate the tree point scores in accordance with the <u>Vegetation Management Fact Sheet</u> .	

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project proposes Impacts between 50 and 150 feet of the <u>reference line</u> . Plans must depict the 25% area of the Woodland Buffer to be designated and maintained as natural woodland. See the <u>Vegetation Management Fact Sheet</u> .
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project proposes to install or expand an <u>accessory structure</u> , such as a patio or shed, within 50 feet of the <u>reference line</u> . 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> . The <u>shoreland frontage</u> on this lot is: <u>274</u> linear feet. <input type="checkbox"/> N/A – There is no direct frontage on this lot.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	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.

9. CONDITIONS: Initial each of the required conditions below. (Env-Wq 1406.20)

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.

10. CERTIFICATIONS: Initial each of the required certifications below. (Env-Wq 1406.18)

1. The property owner shall sign the notification form below.

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; and the signer understands that incomplete notifications shall be rejected and the notification fee shall not be returned. The signer is subject to the applicable penalties in RSA 641, *Falsification In Official Matters*.

11. SIGNATURE OF OWNER

OWNER SIGNATURE:		PRINT NAME LEGIBLY:	DATE:
		Robert Blomquist Public Works Dir	26 March 2020

Mail your complete application form and supporting materials to: NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

lrm@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
 www.des.nh.gov

KEENE WINCHESTER STREET RECONSTRUCTION SHORELAND PERMIT BY NOTIFICATION APPLICATION

SUPPLEMENTAL PROJECT NARRATIVE

Proposed Project:

The proposed action involves replacing the existing Winchester Street and Key Road intersection and as well as the intersection of Winchester Street, Pearl Street and Island Street with hybrid two-lane roundabouts with necessary associated widening. The proposed project also includes reconstruction of the Island Street Bridge, construction of stormwater treatment areas, drainage upgrades.

Lot:

For the purpose of this Shoreland Permit Application the "Lot" is defined as the area of land within the Protected Shoreland (within 250 feet of the Reference Line) and within the limits of existing right-of-way and permanent easements. The total area of the lot is approximately 2.2 acres. The majority of the "Lot" consists of the existing pavement surfaces of Winchester Street, Island Street, and Pearl Street, in Keene, New Hampshire. The entire project area and the "Lot" are located in a densely developed, urban, area. The surrounding area consists of a mix of dense residential and commercial development. Large street trees are scattered throughout. The portions of the lot that do not include the existing roadways, sidewalks, parking lots and driveways pavement, consists primarily of maintained turfgrass areas. Almost the entire area of the "Lot" has been previously disturbed and no longer exists in a natural state.

Several parcels of land adjacent to the project have been identified as Urbanized Shoreland Exemption Areas. The portion of the project north of the Island Street Bridge is located entirely within an SWQPA Urban Exempt Area. Portions of the project along Pearl Street are also located within a SWQPA Urban Exempt Area.

Work within the Protected Shoreland consists of: full depth roadway reconstruction of portions of Winchester Street, Island Street, and Pearl Street; reconfiguration of the existing intersection of the aforementioned streets including the construction of a roundabout; the construction of new sidewalks; the replacement of a drainage outlet south of the Winchester Street Bridge; removal of an existing drainage outlet north of the Winchester Street Bridge; construction of a stormwater treatment area in the northwest quadrant of the Winchester Street Bridge; reconstruction of the Island Street Bridge; and associated grading required for the roadway reconstruction. All impacted areas will be stabilized and revegetated with grass mix following construction.

Impervious Surface:

The proposed project will result in a net increase of approximately 29,185 square feet or 0.67 acres of impervious surfaces (this number is for the entire project including areas outside the Protected Shoreland). Currently there are no formal stormwater treatment areas that provide treatment for stormwater runoff within the project area. The project is proposing drainage upgrades and improvements including the construction of three stormwater treatment areas. The proposed stormwater treatment areas will treat approximately 2.52 acres of impervious pavement, compared to the 0.67 acres of additional impervious added from the proposed roadway project.