



City of Keene, New Hampshire

CONSERVATION COMMISSION

City Hall

Tuesday, February 19, 2019

4:30 PM

2nd Floor Conference Room

Commission Members

Alexander Von Plinsky, IV, Chair
Eloise Clark, Vice Chair
Denise Burchsted
Kenneth Bergman

Councilor George Hansel
Brian Reilly
Art Walker
Thomas P. Haynes, Alternate

No site visit this month

1. Call to Order
2. Approval of Meeting Minutes – January 22, 2018
3. Informational
 - a. Aquatic Resource Management Subcommittee Update
 - b. Updates to Section 2-774 of the City Code of Ordinances Related to Conservation Commission Powers, Duties, and Guidelines
 - c. Commission Presentation to Planning Licenses & Development Committee
4. Discussion Items
 - a. DES Wetlands Roxbury St/Beaver Brook
 - b. Greater Goose Pond Forest Stewardship Plan Presentation/Discussion
 - c. NHDES Shoreland tree cutting – Ashuelot River
 - d. Beauregard Property Acquisition
 - e. Community Development Department mission statement
5. 2019 – 2020 Commission Priorities
6. New or Other Business
7. Adjournment – Next meeting date Monday, March 18, 2019

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City of Keene
New Hampshire

CONSERVATION COMMISSION
MEETING MINUTES

Tuesday, January 22, 2019

4:30 PM

**2nd Floor Conference Room,
City Hall**

Members Present:

Alexander Von Plinsky IV, Chair
Eloise Clark, Vice Chair
Councilor George Hansel
Art Walker
Ken Bergman
Thomas Haynes, Alternate

Staff Present:

Rhett Lamb, Community Development
Director/Assistant City Manager

Members Not Present:

Denise Burchsted

Ms. Clark acted as chair of this meeting.

1) Call to Order

Vice Chair Clark called the meeting to order at 4:30 PM.

2) Approval of Minutes – December 17, 2018

On page 6, “Chair Hayne” should be changed to “Chair Haynes.”

Councilor Hansel moved to approve the minutes of December 17, 2018 as amended, which Mr. Reilly seconded and the Conservation Commission carried unanimously.

3) Informational

a. DES Shoreland Violation – 550 Court Street

Vice Chair Clark recalled a letter on this matter in the meeting packet. Along the riverbank adjacent to Cheshire Medical Center someone cut and stumped a significant number of trees; the area is adjacent to the path by the river, not near the drainage ditch. The Community Development Department sent a letter to inform NH Department of Environmental services (DES), who notified the property owner of the violation. The owner had 20 days to respond after the letter was sent on December 31. Thus at the time of this meeting the deadline had passed. The Commission was unsure if the cutting had anything to do with the adjacent helipad. The Commission will await additional updates from Mr. Lamb.

b. NH Association of Natural Resource Scientists Membership

Vice Chair Clark noted the Commission received a bill for \$125. The Commission has never paid for this membership historically and might just be on a mailing list. Mr. Bergman noted the membership fee for Conservation Commissions is actually only \$20; the \$125 fee is for individual memberships. Vice Chair Clark recalled the Commission has not decided yet whether

to continue paying for NH Association of Conservation Commissions membership. Councilor Hansel suggested requesting that someone from the organization give a presentation to the Commission to explain the benefits of membership.

Mr. Lamb said the Commission is already a member of this association, but he is unsure when that membership began. In his research, he found it is more so an organization to support individual professional natural resource scientists. There are a few community programs but he suspects the Commission is not getting value from a membership they do not know they have. While he doubts the association has a staff person in charge of outreach to prospective members, he will inquire if someone can visit from Concord; if that does not come to fruition, the Commission agreed to pass on this opportunity.

c. ARLAC Annual Report

Vice Chair Clark recalled a letter that she wrote on behalf of the Ashuelot River Local Advisory Committee (ARLAC) to share their annual report, which was included in the meeting packet. Each town along the river contributes \$125/year for water quality testing and they all receive a copy of the report; some smaller towns include the ARLAC report in their municipal annual reports. She also mentioned an article in the Keene Sentinel that covers ARLAC's interventions in the pipeline under the Ashuelot River, which was approved. Mr. Lamb recalled the Commission did not comment on the pipeline because there are no long-term or temporary wetland impacts and thus no permits were necessary; the City only had to approve a temporary construction license. Vice Chair Clark noted ARLAC requested that an engineer be present for installation to ensure no adverse impacts to the river, which was also approved.

d. Aquatic Resource Management Subcommittee Update

Mr. Haynes said the subcommittee has not met yet so there are no updates to report.

While not on the agenda, Vice Chair Clark recalled that a letter was to go out regarding wetland rulemaking. Mr. Lamb said that letter was not sent by January 18. In discussing updates to the City Code with department heads who reviewed the Commission's proposed changes, he was reminded that the Commission has a role to advise Council; therefore correspondences with a state agency should be reviewed by Council first. Mr. Haynes noted that moving forward the Commission will need to be proactive to ensure any such correspondences can go through a Council cycle before sending.

4) Discussion Items

a. Updates to Section 2-774 of the City Code of Ordinances Related to Conservation Commission Powers, Duties, and Guidelines

Mr. Lamb noted there were a few remaining scrivener's errors such as improperly labeled titles, which are not substantive. Mr. Lamb continued explaining the remaining substantive changes for Commission approval:

Mr. Lamb stated in Sec. 2-774 (4) – to change “Prevent a drastic alteration of natural topography, drainage, and scenery without review and public approval,” to “Develop Land Management Plans for City conservation lands to prevent a drastic alteration of natural topography, drainage, and scenery.”

Mr. Lamb noted the original intent of the language was to ensure that development of conservation lands went through some kind of review process, whether by the Commission or Planning Board, etc. However, it might have been misleading and made it seem like the Commission is responsible for holding public hearings about changes to any land of conservation interest. The new language makes clear that it is the Commission's responsibility to develop Land Management Plans, but only for City owned conservation lands as opposed to all private properties subject to permitting at the state level. This is not limited to conservation easements. This does not apply, for example, to the airport or surface water reservoirs in Roxbury.

The Commission discussed if the language should be edited to state more explicitly that this only applies to City-owned lands zoned for conservation. Mr. Lamb recalled it is the Committee's purview to make any changes; this is just draft language staff suggests. He thinks the Commission evaluates large conservation lands where drastic alterations are considered. The Commission discussed whether "*drastic*" is the appropriate word choice because it often has a negative connotation; they discussed alternatives such as *significant* and *substantial*. The Commission agreed initially to change the word *drastic* to *significant*. Following further discussion, however, the Commission concluded that the real intent of this duty is to prevent negative changes to these properties; some significant changes are positive ones. The Commission agreed to maintain the language as written, with the word *drastic*. The Commission discussed redundancies between this paragraph (4), which is about Land Management Plans, and paragraph (7), which is more about maintaining an index of lands. The Commission considered combining the two paragraphs, or moving (7) to precede (4). Ultimately, the Commission agreed to delete paragraph (7) and revise paragraph (4) to read: "Develop Land Management Plans and maintain an index for City conservation lands to prevent a drastic alteration of natural topography, drainage, and scenery."

Regarding Sec. 2-774 (12) – Mr. Lamb stated change "Act as a publicizing agent bringing Commission programs and problems of Commission management and control to the notice of the public," to "Inform the public about Commission programs and areas of concern."

Mr. Lamb stated the intent is to make this duty more about public involvement and education than reporting problems and concerns. The new language is a more general statement to ensure the Commission informs the public about their programs and actions.

The Commission agreed the new language as written is an appropriate, more concise change.

Mr. Lamb continued with Sec. 2-774 (20) – he stated change "Appear before state and federal agencies to request financial assistance, or to advocate changes in state laws and federal regulations as they affect the ability of the Commission to carry out its functions," to "Advise City Council on matters pertaining to the City's interest at the state and federal level in conservation/wetlands law and policy."

Mr. Lamb said the new language clarifies the Commission's responsibilities to evaluate and comment on conservation matters to state government. Other City committees have altered this language, so Mr. Lamb used the language from the Energy and Climate Committee's new guidelines, which the City Attorney suggested. The City should speak with one voice and this new language ensures that any Commission recommendations go before Council before rising to the state level.

Mr. Lamb stated this will require the Commission to be proactive, though the Council review process is more efficient than it used to be. The Commission should plan for a three week cycle for Council and Standing Committees to review a recommendation; if a matter is time sensitive, the Council can vote to act at the next meeting. The Commission agreed with the new language as written.

To follow through on these duties, the Commission requested a full list of City-owned conservation lands so they know what parcels they are responsible for developing Land Management Plans. Mr. Lamb recalled that as a part of their charge the Commission can choose what parcels to be involved with. Some parcels like Wheelock Park are already actively managed by the Parks & Rec Department, while parcels north of the park in the floodplain may need conservation management. There is a map of City conservation lands (which is always changing with new parcel acquisitions) that Mr. Lamb will share with the Commission. Councilor Hansel suggested adding it to the Commission webpage as it may be of interest to the public. The map includes the tax map parcel numbers for each property.

Mr. Reilly asked for an example of Sec. 2-774 (8). Mr. Lamb said this regards the Commission receiving gifts of money or property in the City's name. State statute allows commissions to accept gifts of cash and land. As written, this paragraph ensures any gifts are subject to the Council acceptance process. Mr. Reilly said this seems like an extra step and asked about instances when someone wants to donate land to the Commission but not the City. Mr. Lamb said the solution in such cases is a restriction on the use of the donation stipulating the City will own the land only for the purpose of conservation; this has happened in the City historically. Councilor Hansel added that having a donation go through the Council process allows the public to see what donations are being accepted and why. Mr. Lamb agreed and noted that the Commission must follow the Council approval process to use the Land Use Change Tax Fund to purchase land or assist with easement acquisition. Money the Commission uses from the annual operating budget does not require Council approval.

Councilor Hansel moved for the Conservation Commission to recommend that City Council accept updates to Sec. 2-774 of the City Code of Ordinances related to Conservation Commission powers, duties, and guidelines. Mr. Haynes seconded the motion, which the Conservation Commission carried unanimously.

Mr. Lamb will process this recommendation, which will progress through the Council approval process before the February Commission meeting.

b. Greater Goose Pond Forest Stewardship Plan Presentation/Discussion

Vice Chair Clark welcomed Jeff Littleton (by phone) and Swift Corwin, consultants for the Greater Goose Pond Forest (GGPF) Stewardship Plan. Mr. Littleton provided a general overview of the draft plan, which Commission members reviewed in advance of the meeting. The plan developed from on-site inventories to include an array of knowledge about GGPF based on the eight original goals in the conservation easement and the ninth additional goal of education. Recommendations in this plan were also based on feedback at the May 2018 public forum. This is a conservative and comprehensive view of GGPF, past management, current standing, and future needs and goals. The plan includes management options for the City's consideration to develop a final plan. Consultants discovered a lot of wildlife that would benefit from

management and this plan will help protect those features in the future. The public forum illustrated interest in GGPF wildlife and the plan proposes protections for those species and habitats, such as many birds of conservation concern.

Mr. Lamb explained where this plan is in the adoption process. The GGFP Stewardship Plan Subcommittee worked on this draft plan with Mr. Littleton and his team of consultants (including recreation and forestry). There will be one more public forum, scheduled tentatively for February 12. This discussion is for the Commission to decide if the plan is ready for public review; the goal is to edit the plan after the public forum followed by another Commission review before going to Council for adoption in March.

Councilor Hansel asked the difference in recreation and environmental values of the property; he thought the executive summary indicated potential conflicts. Mr. Littleton said there is potential for a perfect balance between recreation and any other management in the forest. The recreation consultant developed a detailed overview of GGFP recreation and provided options for the City to expand and enhance recreation. Councilor Hansel said he hopes the plan will clarify any conflicts or areas of concern that require immediate action. Mr. Littleton said there are a lot of issues to address on the trails such as tree root hazards and animal excrement. In general, the recreational trails look good but need some attention as outlined in the plan. Mr. Corwin elaborated that it will be important to re-mark the property lines so the public can distinguish public and private land. Additionally, there are so many trails right now, which can be confusing, so trails should be marked better. The consultants have looked at smaller parts of the property and developed needs and goals for those parcels so management will be sensitive to recreation.

Vice Chair Clark noted a well-demonstrated public aversion to tree cutting in the last decade. She expressed concern about public acceptance of some of the logging proposals in the plan. Mr. Corwin said he hopes this plan will be a teaching document with rationale for why actions are proposed. He thinks it is important to understand the context of the land and that these forests are not pristine and have been cut over time. The consultants believe there are long-term benefits of logging for wildlife in addition to utilizing the economic benefits of the forest.

Mr. Bergman said clearing/thinning wood stands promotes success for some forms of wildlife but not all; some birds listed in the plan would benefit from clearing while others need unfragmented forest. He asked if bird experts were consulted. Mr. Corwin noted that any cutting would be staggered over 10 years in small areas; it is not a complete overhaul of the forest. Mr. Bergman said 10 years is short in terms of the life of a forest and said it is not clear enough that cutting benefits some species but not others; Mr. Corwin reiterated that only a small portion of the forest would be impacted during that decade. Mr. Littleton said it is a complex issue and this project is sensitive, which is why he hired a consultant who used to work at NH Audubon, among others. He said the goal is a holistic plan that is sensitive to people who use the property in addition to as many species and habitats as possible. The plan cannot protect all species and habitats equally but there are areas where Keene can effect positive change; with neotropical birds, for example. The proposal calls for gentle maintenance and forest management; logging can be a stewardship method. His background is in conservation and he would like to walk the property with the Commission. The plan was developed to create a mindful balance between social, ecological, and economic values of GGPF. These are proposed ideas and he hopes the Commission will help build on those ideas and steer the plan.

Chair Von Plinsky recalled many mountain bikers perform unauthorized trail maintenance, such as leaf blowing the trails, contributing to the root problem; these practices are not good for the land long-term. He asked about trail maintenance and development. Mr. Corwin said there is an ongoing process of mountain bikers establishing new trails so the forest is overrun with unmarked paths. The first goal is to keep people from establishing new trails and the second goal is to mark well the trails we want people to use. Unfortunately, social media and GPS allow people to share trail changes, which often increases activity in unmarked areas of the park. Chair Von Plinsky and Councilor Hansel agreed the Commission will need to work with users on enforcement. Councilor Hansel suggested a master list of these priorities in the plan organized as short-, mid-, and long-term goals, which will help Council understand the plan. Mr. Littleton said the draft is a 10 year plan for recreational and forest management. Mr. Littleton will work with Mr. Lamb to revise the executive summary to include a clearer prioritized list for Council and the public; they will also work on a possible public presentation format to communicate this.

Vice Chair Clark recognized Steve Bill (prospective Commission member), who said he perceives GGPF with two major user populations: those who walk the pond loop and the mountain bikers. He thinks parts of the trail around the pond that were relocated are worse than the originals; they are not marked well and have steep slopes. He hopes walkers will be considered in addition to bikers for recreation. He also asked where the new parking lot will be. Mr. Lamb replied it will become more obvious when the City begins the dam repair project. It will be located at the southerly entrance where there is a large yellow gate currently; crews can access both areas of dam repair from that roadway. Mr. Bergman recalled that construction crews will place stones to support vehicles traversing vernal pools for dam repair; he asked if that is what will happen for the new multiuse bike path. Mr. Lamb will need to consult the City Engineer to answer that question. After the dam repair, most of the road will be removed and will become a formal path.

Mr. Reilly asked if mountain bikers seem interested the entire park or just the segments with trails. Mr. Corwin said there are trails everywhere now, though they are primarily concentrated on Drummer Hill.

Mr. Lamb said clarifying the extent of forest management will be essential as this plan moves forward publically. He also wants to be clear that terminology will be very important to the public and Council; regularly used terminology in the draft such as “forest and wildlife habitat management projects” sound like stewardship but actually mean logging. He does not want to present a term to the public that can be easily misinterpreted; Vice Chair Clark agreed. Mr. Corwin noted that they added more specific definitions of those terms in the glossary. Mr. Lamb does not want the public to have to find those definitions in the glossary. He said the plan makes a great argument for management for the right purposes but if trees will be removed, that should be clear. Councilor Hansel agreed that clear definitions are important and added that visual aids that represent the potential results will be helpful as well. Mr. Bergman agreed that visuals demonstrating the different fates of the woodland with and without management would be useful.

Mr. Haynes recalled the discussion of wildlife goals in the executive summary and suggested the action plan mimic that list of goals. For example, instead of discussing the various stands where cutting would benefit wildlife, use the goal of *improving browse and cover for wildlife* or *creating a diversified forest* as a way to develop an action plan that includes cutting. He suggested shaping the language so the action plan fits the habitats, improvements, and goals we

want; this is a way to have the timber justify the action plan. Mr. Littleton agreed that the action plan should be moved toward the wildlife and forest management section and he likes the focus Mr. Haynes suggested. In that case, Mr. Haynes suggested that *improve genetic quality and better stand regeneration* could be the action plan and then cutting is one step to accomplish that. Mr. Lamb said everyone agrees on the intent, but this discussion clarifies the importance of presentation; these ideas do not need to change, but if the plan begins listing the parcels for timber harvesting, the public will not understand the wildlife management value of that cutting. How it reads matters and the Commission and consultants should work hard to minimize misinterpretation. Mr. Haynes will send his remaining suggestions for rephrasing the action plan statements to Mr. Littleton. Mr. Littleton agreed this is a great exercise to refine the language and information to be useful for everyone.

Mr. Bergman asked if there would be signage to prevent users from entering areas of the forest during cutting and if so, how long those closures would last. Mr. Corwin said the goal is for operations to fit in small time frames and only close those areas being harvested. He prefers cutting in the winter because there are less users but the conditions are unpredictable. Most cutting will take place in the late summer when birds have stopped nesting and there are benefits of cutting for the soils.

Vice Chair Clark recalled many references to controlling invasive species in the action plan and asked what methods would be used to combat invasives. Mr. Corwin said he does not think chemical pesticides are practical because the worst invasives are around the gates. The prominent natural invasive in GGPF is beech, which can be controlled with silviculture. Vice Chair Clark noted that in some instances cutting can benefit invasive growth in the understory and asked if that is a concern. Mr. Corwin said it is a concern in some areas like those south of Goose Pond in the hemlock and pine areas. Mr. Littleton agreed that invasive species will be something important to monitor moving forward. Vice Chair Clark also noted the amount of wildlife habitat under the power lines, where the Public Utility Company maintains a shrub layer. She asked quality of the powerline vegetation, the amount of invasives in the area, and if cutting will encourage more invasives in the area. Mr. Littleton said natives and invasives are competing for that space, which makes management complex. He is more concerned about the wildlife that invasives at GGPF. He thinks the opportunity to create an endowment from timber harvesting is a great way to plan for invasive management in addition to parking and trail issues; Vice Chair Clark agreed. Overall, Vice Chair Clark said the draft plan is written and done well.

Commission members can send any comments, questions, or concerns to Mr. Littleton; please CC Mr. Lamb on those emails. Mr. Lamb explained the next steps. Because there were no substantive changes to the draft from this meeting he asked if the Commission was comfortable having him work on revisions with Mr. Littleton; this will allow the project to stay on schedule with a public forum in February. The Commission agreed to move forward because they will still have another opportunity to comment after the public forum. Mr. Corwin and Mr. Littleton agreed to prepare photos and maps to best illustrate the proposal to the public.

Vice Chair Clark expressed concern about secondary effects of logging such as roads for machinery and the spread of invasives. She also does not want to see a public firestorm over this proposal. Mr. Bergman added his concern about suppressing all the proposed operations into a 10 year period. Mr. Corwin acknowledged Mr. Bergman's concern and said they do not want to cut through the whole forest, but address small parts of the forest incrementally; much of the forest is ecological reserve areas. In this decade, cutting will promote a dynamic forest that can

move positively forward into the future. Mr. Littleton said the goal is to be adaptive through the whole process; he and Mr. Bergman agreed monitoring these changes is a good potential project for a KSC or Antioch student.

Mr. Reilly asked for copies of the appendices to the plan. Mr. Lamb noted there are several hundred pages of appendices. They are large files that are not easy to share via email; he will print one copy for the Commission to share and a copy will be available at the public forum.

c. Beauregard Property Acquisition

Mr. Lamb received the appraisal and will consult with the City Manager and report back at the February meeting.

5) Commission Membership

6) New or Other Business

Mr. Bergman sent an email to the Commission regarding the Community Development Department's charge. Councilor Hansel requested a discussion of the email on the February agenda.

7) Adjournment – Next Meeting Date *Tuesday, February 19, 2019*

Hearing no further business, Vice Chair Clark adjourned the meeting at 6:13 PM.

Respectfully submitted by,
Katie Kibler, Minute Taker

Reviewed by Rhett Lamb, ACM/Community Development Director

Leona Langella

From: Rhett Lamb
Sent: Thursday, February 14, 2019 3:40 PM
To: Leona Langella
Subject: FW: More tree-cutting on the Ashuelot (images 1-7 of 13)

From: Barbara Skuly [<mailto:bskuly@ne.rr.com>]
Sent: Wednesday, February 6, 2019 8:17 PM
To: Eloise Clark; Alexander VonPlinsky; Rhett Lamb; D Burchsted; Brian Reilly; Art Walker; Bill, Steven; Thomas Haynes; George Hansel
Cc: Ken Bergman
Subject: Re: More tree-cutting on the Ashuelot (images 1-7 of 13)

This is very bizarre as I have never seen so much persistent cutting. Has anyone contacted Jeff Blecharzyk? Would you forward him the pics and ask him what the progress is on the initial City complaint? It would be good to know who is doing the cutting and the location makes me think KSC. But what is going on? as it seems to be moving downstream and involve multiple parties!!

Barbara

On 2/5/2019 9:55 PM, Bergman, Kenneth wrote:

Conservation Commission members, and Barbara Skuly (ARLAC);

This afternoon as I walked along Martell Court from the athletic field complex south of Rt 101 back toward the Keene State campus, I approached the wooden foot bridge that runs under the highway (Rt 101) overpass. Glancing to the right I saw that someone had cut down a shrub or cluster of shrubs on the grassy highway embankment, on the south side of the Rt 101. That work took place 50 -- 100 yards from the footbridge.

Then, as I turned left toward the footbridge I saw that more woody stems had been cut down directly on the banks of the river. My memory is that there were 20 – 25 stumps, ranging in diameter from 2 to 6 inches (image #8 shows a stump with a quarter for scale). Some of them were several feet away from the bank; others were right on the bank, which is fairly steep there. The water current tends to be strong and fast there, maybe due to the influence of the concrete pillars that support the highway bridge. I also saw evidence of tree-cutting on the opposite (west) bank of the river, near the highway bridge abutments.

At that point, Mary Hamilton (from Swanzey) and a partner paddled their canoe up to the bank to leave the river. They are among the planners of the April Ashuelot Canoe Race and had been trying to assess the state of the river, but they hadn't been able to go very far upstream as their way was blocked by fallen trees. Mary also said that she had seen that the landscape crew that had worked near the hospital, north of the Rt 9-10 bypass bridge, had just thrown the tree trunks they cut down into the river. She said they didn't see any evidence in this case (the

Martell Court footbridge case) had been thrown into the river. She had apparently called the City of Keene after she saw the cutting by the hospital; apparently Susan Sielke wasn't the only one to call the City regarding the episode by the hospital.

It's possible that the tree cutting by Martell Court was done by NH DOT, as it occurred on both the east and west banks of the Rt 101 highway overpass, on the downstream side of that bridge, and some cutting had also occurred away from the river on the highway embankment closer to Main Street. Maybe someone thought that this woody growth weakens the river bank, but given how steep the bank is in this location and how fast the river runs here, I would wonder whether the root systems of these small trees don't tend to stabilize the bank, at least in the short run.

In either event, should we expect to see a PBN in City Hall for this work, whether done by a private contractor, Keene State College, or NH DOT?

A second batch of pictures will be attached to another email.

Sincerely,
Ken Bergman

Kenneth D. Bergman, PhD
Professor of Biology, emeritus
Keene State College
229 Main Street
Keene, NH 03435-2001
[wandering tattler on Flickr](#)



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management

Check the status of your application: www.des.nh.gov/onestop



RSA/Rule: [RSA 482-A/ Env-Wt 100-900](#)

Administrative Use Only	Administrative Use Only	Administrative Use Only	By _____ Date _____
			Check No. _____
			Amount _____
			Interest _____

1. REVIEW TIME: Indicate your Review Time below. To determine review time, refer to [Guidance Document A](#) for instructions.

- Standard Review (Minimum, Minor or Major Impact) Expedited Review (Minimum Impact only)

2. MITIGATION REQUIREMENT:
If mitigation is required a Mitigation-Pre Application meeting must occur prior to submitting this Wetlands Permit Application. To determine if Mitigation is Required, please refer to the [Determine if Mitigation is Required Frequently Asked Question](#).

Mitigation Pre-Application Meeting Date: Month: ___ Day: ___ Year: ___
 N/A - Mitigation is not required

3. PROJECT LOCATION:
Separate wetland permit applications must be submitted for each municipality that wetland impacts occur within.

ADDRESS: **Roxbury Street** TOWN/CITY: **Keene**

TAX MAP: **na** BLOCK: **na** LOT: **na** UNIT: **na**

USGS TOPO MAP WATERBODY NAME: **Beaver Brook** NA STREAM WATERSHED SIZE: **8.3 sq mi** NA

LOCATION COORDINATES (if known): **42.934487, -72.274325** Latitude/Longitude

4. PROJECT DESCRIPTION:
Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below.

The proposed project will replace the existing bridge (Bridge No. 140/077) carrying Roxbury Street over Beaver Brook (concrete channel). The existing bridge is a concrete slab with a 16.5 foot span. The proposed bridge is a three-sided rigid frame bridge with a 22 foot clear span, which will tie into the existing vertical walls of the approaches.

5. SHORELINE FRONTAGE:

NA This does not have shoreline frontage. SHORELINE FRONTAGE:
Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

6. RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT:
Please indicate if any of the following permit applications are required and, if required, the status of the application.
To determine if other Land Resources Management Permits are required, refer to the [Land Resources Management Web Page](#).

Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit Per RSA 485-A:17	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval Per RSA 485-A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Shoreland Permit Per RSA 483-B	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED

7. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:
See the Instructions & Required Attachments document for instructions to complete a & b below.

- a. Natural Heritage Bureau File ID: NHB **18** - **2800**
- b. [Designated River](#) the project is in ¼ miles of: _____; and
date a copy of the application was sent to the [Local River Management Advisory Committee](#): Month: ___ Day: ___ Year: ___
 N/A

8. APPLICANT INFORMATION (Desired permit holder)

LAST NAME, FIRST NAME, M.I.: **Blomquist, Kurt**

TRUST / COMPANY NAME: **City of Keene Public Works Dept.**

MAILING ADDRESS: **350 Marlboro Street**

TOWN/CITY: **Keene**

STATE: **NH**

ZIP CODE: **03431**

EMAIL or FAX: **kblomquist@ci.keene.nh.us**

PHONE: **(603) 352-6550**

ELECTRONIC COMMUNICATION: By initialing here: KB, I hereby authorize NHDES to communicate all matters relative to this application electronically.

9. PROPERTY OWNER INFORMATION (If different than applicant)

LAST NAME, FIRST NAME, M.I.:

TRUST / COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically.

10. AUTHORIZED AGENT INFORMATION

LAST NAME, FIRST NAME, M.I.: **Perron, Christine**

COMPANY NAME: **McFarland Johnson**

MAILING ADDRESS: **53 Regional Drive**

TOWN/CITY: **Concord**

STATE: **NH**

ZIP CODE: **03301**

EMAIL or FAX: **CPerron@mjinc.com**

PHONE: **(603) 225-2978**

ELECTRONIC COMMUNICATION: By initialing here CP, I hereby authorize NHDES to communicate all matters relative to this application electronically.

11. PROPERTY OWNER SIGNATURE:

See the Instructions & Required Attachments document for clarification of the below statements

By signing the application, I am certifying that:

1. I authorize the applicant and/or agent indicated on this form to act in my behalf in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.
2. I have reviewed and submitted information & attachments outlined in the Instructions and Required Attachment document.
3. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
4. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
5. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
6. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.47.
7. I have submitted a Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) to the NH State Historic Preservation Officer (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources while coordinating with the lead federal agency for NHPA 106 compliance.
8. I authorize NHDES and the municipal conservation commission to inspect the site of the proposed project.
9. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
10. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
11. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.
12. The mailing addresses I have provided are up to date and appropriate for receipt of NHDES correspondence. NHDES will not forward returned mail.


Property Owner Signature

Kurt Blomquist
Public Works Director
Print name legibly

2/25/19
Date

MUNICIPAL SIGNATURES

12. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

1. Waives its right to intervene per RSA 482-A:11;
2. Believes that the application and submitted plans accurately represent the proposed project; and
3. Has no objection to permitting the proposed work.

	Print name legibly	Date
--	--------------------	------

DIRECTIONS FOR CONSERVATION COMMISSION

1. Expedited review **ONLY** requires that the conservation commission's signature is obtained in the space above.
2. Expedited review requires the Conservation Commission signature be obtained **prior** to the submittal of the original application to the Town/City Clerk for signature.
3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will be reviewed in the standard review time frame.

13. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

	Patricia A. Little	Keene	1/25/19
Town/City Clerk Signature	Print name legibly	Town/City	Date

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3,1

1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will **NOT** receive the expedited review time.
2. **IMMEDIATELY** sign the original application form and four copies in the signature space provided above;
3. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
4. **IMMEDIATELY** distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board; and
5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. Submit the single, original permit application form bearing the signature of the Town/ City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery.

14. IMPACT AREA:

For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact

Permanent: impacts that will remain after the project is complete.

Temporary: impacts not intended to remain (and will be restored to pre-construction conditions) after the project is complete.

JURISDICTIONAL AREA	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY Sq. Ft. / Lin. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Wet meadow	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Intermittent stream	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Perennial Stream / River	/ <input type="checkbox"/> ATF	1500 / 180 <input type="checkbox"/> ATF
Lake / Pond	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Intermittent stream	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Perennial stream / River	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Lake / Pond	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Tidal water	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Salt marsh	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Sand dune	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland buffer	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Undeveloped Tidal Buffer Zone (TBZ)	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Previously-developed upland in TBZ	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Lake / Pond	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - River	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Tidal Water	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Vernal Pool	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	/	/

15. APPLICATION FEE: See the Instructions & Required Attachments document for further instruction

Minimum Impact Fee: Flat fee of \$ 200

Minor or Major Impact Fee: Calculate using the below table below

Permanent and Temporary (non-docking) 1500 sq. ft. X \$0.20 = \$ 300

Temporary (seasonal) docking structure: _____ sq. ft. X \$1.00 = \$

Permanent docking structure: _____ sq. ft. X \$2.00 = \$

Projects proposing shoreline structures (including docks) add \$200 = \$

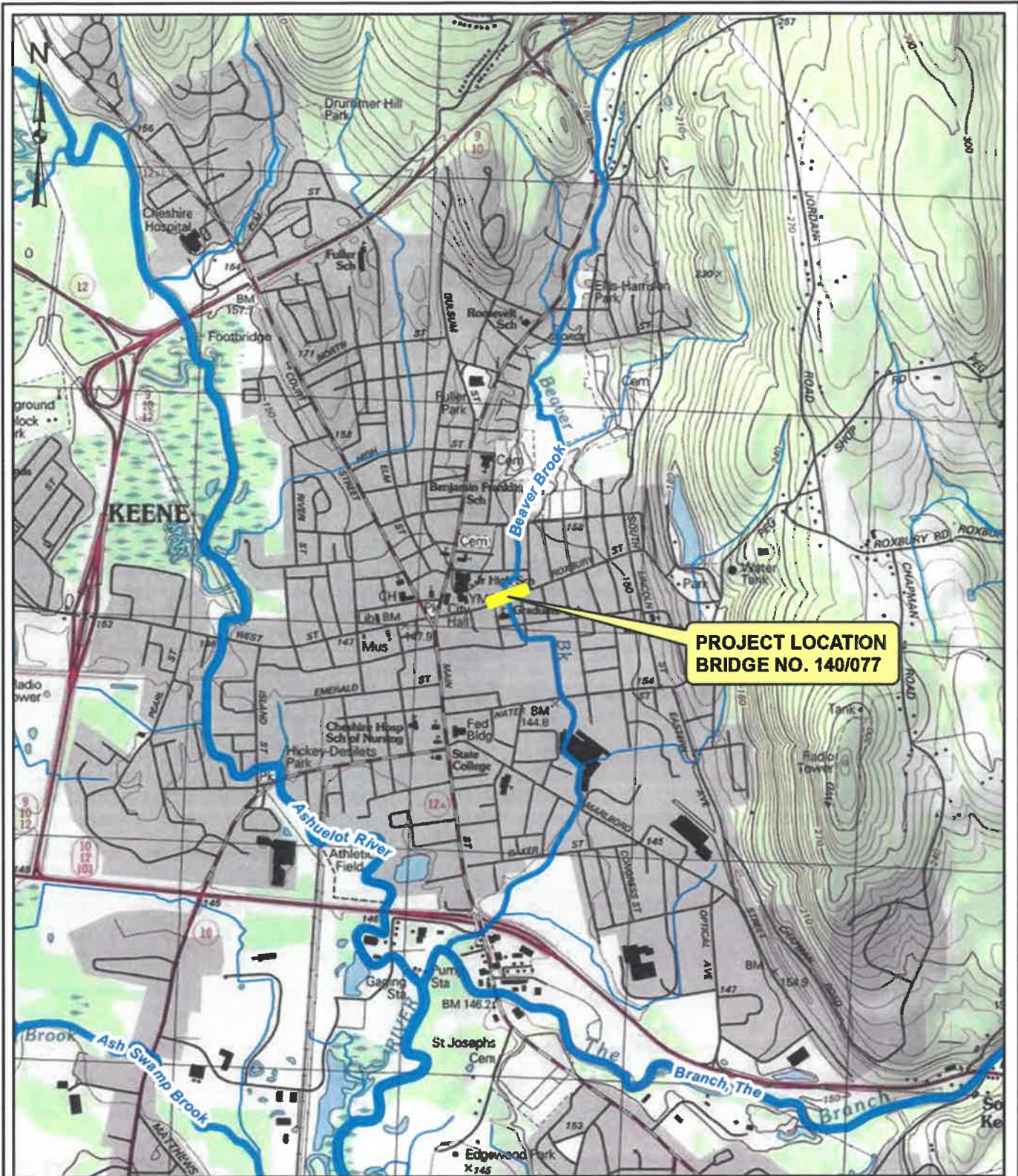
Total = \$ 300

The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 300

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

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

www.des.nh.gov



**PROJECT LOCATION
BRIDGE NO. 140/077**

**ROXBURY STREET BRIDGE REPLACEMENT
CITY OF KEENE, NEW HAMPSHIRE**

LOCATION MAP



SCALE: 1 inch = 2,000 feet	DATE: DECEMBER 2018	FIGURE: 1
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**City of Keene
Bridge Replacement
Roxbury Street over Beaver Brook**

Supplemental Project Description

The Roxbury Street Bridge (Bridge No. 140/077) spans 16'-6" over Beaver Brook in the City of Keene, New Hampshire. The bridge was constructed in 1950 and consists of a cast-in-place concrete deck slab supported by concrete abutments. The bridge abutments are supported on a concrete slab spanning the entire length and width of the bridge. The bridge has a 4° skew to Roxbury Street and is 50'-0" wide including 30'-0" curb-to-curb, two 6'-0" sidewalks, and a grass strip. The deck and superstructure are condition rated at 4 (poor), and the substructure is condition rated at 3 (serious). The roadway geometry, both vertical and horizontal, is satisfactory and will be retained. Due to the poor overall condition of the bridge, the existing structure will be removed in its entirety and a replacement bridge constructed.

Beaver Brook was fully channelized from Spring Street (upstream) to Harrison Street (downstream) as part of a flood mitigation project in the late 1960s. The concrete channel is typically 16'-0" wide but increases in width to accommodate existing bridges at various crossings. The channel upstream and downstream of Roxbury Street transitions out to a width of 22'-0" at the bridge location, with the transition occurring over a length of 8' to 12'. The existing bridge is 16'-6" and the original U-back masonry wingwalls tie into the flared approach walls.

There are a variety of utilities in the vicinity of the bridge including underground water, gas, sewer, and drainage, and overhead wires.

- The sanitary sewer consists of a 6" vitrified clay pipe constructed in 1928 and passes through the bottom of the bridge in a concrete encasement that extends approximately 15" above the bottom of the channel, creating a weir under the bridge that impedes aquatic organism passage.
- Four storm drainage pipes currently outlet into Beaver Brook through the bridge abutments. There is a 36" outfall through the southwest corner of the bridge abutment, an 8" outfall through the southeast corner, and a 6" and 10" outfall through the northeast corner of the abutment.

Stormwater entering the Roxbury Street drainage system generally flows southerly through two main service lines that generally run parallel to Washington Street and Court Street. A drainage area tributary to the Washington Street drainage system collects runoff from the developed area around Elm Street and adjacent neighborhoods. The Roxbury Street trunkline consists of a 36-inch brick arch that discharges into Beaver Brook through a 36-inch outfall. The Roxbury Street stormwater system experiences flooding in storm events more frequent than the 1-year storm event.

PROPOSED BRIDGE

The proposed bridge is a three-sided precast concrete rigid frame with precast curb walls and approach slabs. The proposed hydraulic opening is a 22'-0" clear span with a 6'-6" vertical opening (as measured from the streambed). The proposed overall bridge width is 49'-6", providing two 11'-0" travel lanes, 5'-0" shoulders (bicycle lanes), 2'-0" grass strips, and 6'-9" sidewalks.

The horizontal roadway alignment and vertical profile will be retained as they currently exceed the minimum design criteria. Increasing the vertical profile to provide for a larger hydraulic

**City of Keene
Bridge Replacement
Roxbury Street over Beaver Brook**

Supplemental Project Description

opening was briefly explored. Due to the close proximity of the driveways to the west of the bridge, it was determined that raising the profile significantly was not possible while still maintaining the existing driveway connections. The proposed approach roadway will provide two, 11-foot paved travel lanes with 5-foot shoulders (bicycle lanes), resulting in a 32'-0" overall roadway width. There will be a 2'-0" grass strip and 5'-0" sidewalk on each side of the roadway.

The proposed bridge, as a standalone structure, will be sized to accommodate the 50-year flood event with one foot of freeboard, but due to upstream and downstream system constraints, the proposed bridge will not meet minimum freeboard criteria at the end of construction. Raising the roadway is not practical at this location as the bridge geometry is firmly established by the existing concrete flood walls and is located in a residential area. The replacement bridge will slightly reduce the 50-year and 100-year flood elevations upstream of the bridge. If a future improvement project (that included replacing flood walls, bridges and other channel improvements) was completed to upgrade the existing Beaver Brook system to allow bridges to pass the 50-year event, the new wider Roxbury Street Bridge could be retained.

The existing sewer line under the bridge will be replaced and lowered to minimize or remove the existing weir under the bridge.

PROPOSED DRAINAGE WORK

The project will replace existing drainage pipes at the bridge to accommodate potential future upgrades to the drainage system that were recommended by a recent drainage study completed by the City of Keene. One recommendation from that study was that the existing 36" drain line on Roxbury Street coming from the west should be increased to a 60" diameter to alleviate flooding in and around the Central Square Area. Due to its larger size, the new 60" diameter drainage outfall will outlet through the channel wall in the southwest quadrant of the bridge instead of through the bridge abutment where it is currently located. The existing drainage outfall in the southeast quadrant of the bridge will be abandoned and the existing outfall in the northeast quadrant will be maintained through the bridge abutment, with the diameter of the pipe increasing to 24" in diameter.

Increasing the size of the drainage outlets at the bridge will help accommodate potential future upgrades in the drainage system to provide additional conveyance capacity in the City's existing drainage system, which will help minimize localized flooding that now occurs on a regular basis. Increasing the size of these outlets as part of the bridge replacement project will not alter the existing drainage patterns in this area of Keene. The proposed bridge replacement project will not result in an increase in impervious surface and will not increase the volume of stormwater runoff that drains to Beaver Brook. The catch basins in the project area all receive piped inflow from other basins. For this reason, deep sump catch basins were not considered since the minimal pretreatment they provide for flow-through basins does not justify their added expense.



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: Christine Perron, McFarland Johnson
53 Regional Drive
Concord, NH 03301

From: NH Natural Heritage Bureau

Date: 9/25/2018 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 9/7/2018

NHB File ID: NHB18-2800

Applicant: Christine Perron

Location: Keene
Roxbury Street over Beaver Brook (Bridge 140/070)

Project Description: The project proposes to replace the existing concrete slab bridge. Beaver Brook is fully channelized with a concrete channel and vertical concrete walls upstream and downstream of the bridge. The only anticipated impacts would be temporary impacts for stream diversion.

The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government.

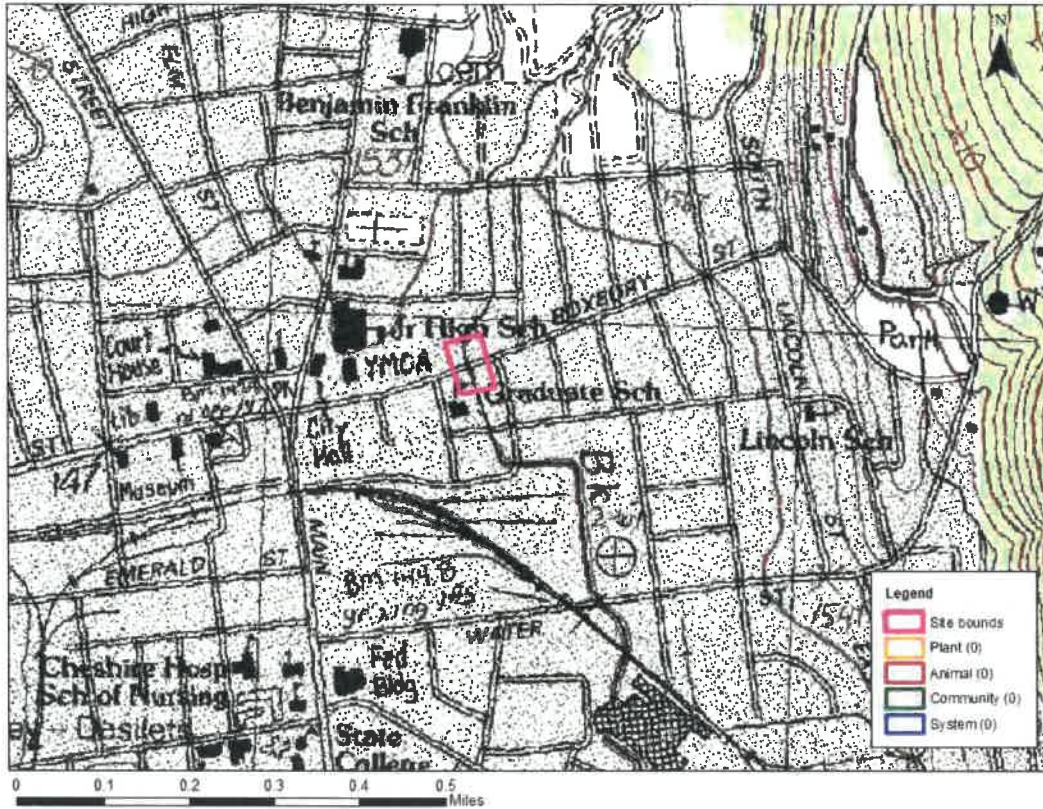
It was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 9/7/2018, and cannot be used for any other project.



NEW HAMPSHIRE NATURAL HERITAGE BUREAU
 NHB DATA CHECK RESULTS LETTER

MAP OF PROJECT BOUNDARIES FOR: **NHB18-2800**

NHB18-2800





United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:
Consultation Code: 05E1NE00-2019-SLI-0345
Event Code: 05E1NE00-2019-E-00775
Project Name: Roxbury Street-Keene NH

November 16, 2018

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Please mail 2 copies of the completed form and required material to:

Cultural Resources Staff
Bureau of Environment
NH Department of Transportation
7 Hazen Drive
Concord, NH 03302

RECEIVED
OCT 12 2018

DHR Use Only	
R&C #	10122
Log In Date	___/___/___
Response Date	___/___/___
Sent Date	___/___/___

**Request for Project Review by the
New Hampshire Division of Historical Resources
for **Transportation** Projects**

- This is a new submittal.
- This is additional information relating to DHR Review and Compliance (R&C)#:

GENERAL PROJECT INFORMATION

DOT Project Name & Number Keene 15854, City of Keene State Aid Bridge Project

Brief Descriptive Project Title Bridge Replacement

Project Location Roxbury Street

City/Town Keene

Lead Federal Agency and Contact (if applicable) Army Corps of Engineers
(Agency providing funds, licenses, or permits)

Permit Type and Permit or Job Reference # PGP

DOT Environmental Manager (if applicable) N/A

PROJECT SPONSOR INFORMATION

Project Sponsor Name City of Keene

Mailing Address 3 Washington St Phone Number 603-352-0133

City Keene State NH Zip 03431 Email

CONTACT PERSON TO RECEIVE RESPONSE

Name/Company Christine Perron, McFarland Johnson, Inc.

Mailing Address 53 Regional Drive Phone Number 603-225-2978

City Concord State NH Zip 03301 Email cperron@mjinc.com

This form is updated periodically. Please download the current form at <http://www.nh.gov/nhdhr/review>. Please refer to the Request for Project Review for Transportation Projects Instructions for direction on completing this form. Submit 2 copies of this project review form for each project for which review is requested. Include 1 self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, additional information will be needed to complete the Section 106 review. All items and supporting documentation submitted with a review request, including photographs and publications, will be retained by the DOT and the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process and the DHR's role in it, please visit our website at <http://www.nh.gov/nhdhr/review> or contact the R&C Specialist at christina.st.louis@nh.gov or 603.271.3558.

PROJECTS CANNOT BE PROCESSED WITHOUT THIS INFORMATION

10/22

Project Boundaries and Description

- Attach the relevant portion of a 7.5' USGS Map (photocopied or computer-generated) *indicating the proposed area of potential effect (APE)*. (See RPR for Transportation Projects Instructions and R&C FAQs for guidance. Note that the APE is subject to approval by lead federal agency and SHPO.)
- Attach a detailed narrative description of the proposed project.
- Attach current engineering plans with tax parcel, landscape, and building references, and areas of proposed excavation, if available.
- Attach photos of the project area/APE with mapped photo key (overview of project location and area adjacent to project location, and specific areas of proposed impacts and disturbances.) (Blank photo logs are available on the DHR website. Informative photo captions can be used in place of a photo log.)
- A DHR file review must be conducted to identify properties within or adjacent to the APE. Provide file review results in Table 1. (Blank table forms are available on the DHR website.)
File review conducted on 09/11/2018.*

*The DHR recommends that all survey/National Register nomination forms and their Determination of Eligibility (green) sheets are copied for your use in project development.

Architecture

Are there any buildings, structures (bridges, walls, culverts, etc.) objects, districts or landscapes within the APE? Yes No
If no, skip to Archaeology section. If yes, submit all of the following information:

- Attach completed Table 2.
- Photographs of *each* resource or streetscape located within the APE. Add to the mapped photo key and photo log noted above. (Digital photographs are accepted. All photographs must be clear, crisp and focused.)
- Copies of National Register boundary (listed or eligible) mapping, and add National Register boundaries for listed and eligible properties to the 7.5' USGS project map (if applicable).

Archaeology

Does the proposed undertaking involve ground-disturbing activity? Yes No
If yes, submit all of the following information:

- Description of current and previous land use and disturbances.
- Available information concerning known or suspected archaeological resources within the project area (such as cellar holes, wells, foundations, dams, etc.)

Please note that for many projects an architectural and/or archaeological survey or other additional information may be needed to complete the Section 106 process.

AGENCY COMMENT

This Space for DOT and Division of Historical Resources Use Only

Sent to DHR; Authorized DOT Signature: YE Date: 10/10/2018

- Insufficient information to initiate review.
- Additional information is needed in order to complete review.

Comments: NO ARCHAEOLOGICAL CONCERNS.

The Keene Downtown Hist Dist is a local hist dist. Is there a potential National Register-eligible hist district as well? What would the boundary be? Would the bridge & associated infrastructure to channel the brook contribute to a NR-eligible district here? Is the bridge individually eligible? These questions should be answered via standard survey methodology. Proceed w/ public involvement.

If plans change or resources are discovered in the course of this project, you must contact the Division of Historical Resources as required by federal law and regulation. Including coordination with Keene Hist Dist Commission
Authorized DHR Signature: Laura Black Date: Nov 6, 2018

**ROXBURY STREET OVER BEAVER BROOK (BRIDGE NO. 140/077)
KEENE, 15184**



**Photo 1 – Facing downstream side of Bridge 140/077.
Photograph taken 10/13/2015.**



**Photo 2 – Facing upstream toward Bridge 192/106 and Impact Locations A, B
Photograph taken 11/30/2017.**

**ROXBURY STREET OVER BEAVER BROOK (BRIDGE NO. 140/077)
KEENE, 15184**



Photo 3 – Facing Beaver Brook downstream from the bridge. Photo taken on 11/30/2017.



Photo 4 – Facing Beaver Brook upstream of the bridge. Photo taken on 11/30/2017.

**ROXBURY STREET OVER BEAVER BROOK (BRIDGE NO. 140/077)
KEENE, 15184**



Photo 5 – Adjoining property to the northeast (upstream, eastern side of the bridge). Photo taken on 11/30/2017.



Photo 6 – Adjoining property to the northwest (upstream, western side of the bridge). Photo taken on 11/30/2017.

**ROXBURY STREET OVER BEAVER BROOK (BRIDGE NO. 140/077)
KEENE, 15184**



Photo 7 – Adjoining property to the southeast (downstream, eastern side of the bridge). Photo taken on 11/30/2017.



Photo 8 – Adjoining parking lot to the southwest (downstream, western side of the bridge). Photo taken on 11/30/2017.

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Rhett Lamb

From: Bergman, Kenneth <kbergman@keene.edu>
Sent: Tuesday, January 22, 2019 3:15 PM
To: Rhett Lamb; Alexander VonPlinsky; Art Walker; Brian Reilly; Councilor George Hansel; D Burchsted; Eloise Clark; George Hansel; Katryna Kibler; Leona Langella; Mary Lou Sheats-Hall; Thomas Haynes
Subject: Community Development Department mission statement

In reviewing the City Council's revision of the CC's duties (which matches closely the draft document George Hansel shared with us, I noticed that our reporting "chain of command" reflects the title of the recently formed Department of Community Development.

The description of that department on the City website indicates that its function is "To develop and implement community based strategies to enhance economic opportunity, build strong neighborhoods and ensure a dynamic framework for quality growth and development while providing professional advice and technical expertise to promote and protect health and safety."

As someone who believes in the value of mission statements or statements of purpose, I wonder if, at some point, the last part of that sentence should be revised to read "promote and protect health, safety and *the environment*", In view of the department's oversight of the Conservation Commission, the Energy and Climate Committee, and the Greater Goose Pond Forest Stewardship Plan Committee.

I don't see a need to push for such a change immediately, but I wouldn't want to wait too long to have some discussion of this proposition. Ultimately, it would send the explicit message that economic development is to be pursued in ways that are environmentally sustainable and protective of natural resources. In my opinion, that point is not clearly implied by the phrase "quality growth and development." Maybe this idea could be placed on the agenda for some future CC meeting; I'm sure if CC support would just be the first of many obstacles to be overcome to win ultimate approval.

Ken Bergman

From: Rhett Lamb <rlamb@ci.keene.nh.us>
Date: Friday, January 18, 2019 at 11:37 AM
To: Alexander VonPlinsky <vonplinsky@gmail.com>, Art Walker <awalker@ne.rr.com>, Brian Reilly <reillybj@ne.rr.com>, Councilor George Hansel <ghansel@ci.keene.nh.us>, Denise Burchsted <dburchsted@keene.edu>, Eloise Clark <clarktreat@myfairpoint.net>, George Hansel <ghansel@filtrine.com>, Katryna Kibler <kkibler@ci.keene.nh.us>, "Bergman, Kenneth" <kbergman@keene.edu>, Leona Langella <llangella@ci.keene.nh.us>, Mary Lou Sheats-Hall <mshheatshall@ci.keene.nh.us>, Rhett Lamb <rlamb@ci.keene.nh.us>, Thomas Haynes <piperhistoricalservices@gmail.com>
Subject: 1/22 agenda packet link

CONFIDENTIALITY NOTICE

The information contained in this electronic message and any attachments to this message are intended for the exclusive use of the addressee(s) and may contain confidential, privileged or exempt information in accordance with NH RSA 91-A and other applicable laws or regulations. If you are not the intended recipient, please reply to the City of Keene sender or notify the