

**TOWN OF ORFORD, NH
TOWN ROAD 100 BRIDGE REPLACEMENT
OVER ARCHERTOWN BROOK
D&K Project No. 624237**

ADDENDUM NO. 2

August 7, 2020

Page 1 of 1

TO: PROSPECTIVE BIDDERS

FROM: DuBois & King, Inc.
831 Union Avenue, Suite 2
Laconia, NH 03246

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents dated July 6, 2020. **NOTE: Contractor to Acknowledge receipt of this Addendum in the space provided on Page 1 of the Bid Form (Section 00410, Page 00410-1). Failure to do so may subject the Bidder to disqualification.**

I. CONTRACT DOCUMENTS (SPECIFICATIONS) CHANGES

None.

II. PLANS (DRAWINGS) CHANGES.

None.

III. ADDITIONAL INFORMATION OR CLARIFICATION

A. Temporary power shutdowns for structure erection shall be coordinated with:

B.G. Frazier, R/W-NAC
Right of Way Agent/Line Design Supervisor
New Hampshire Electric Cooperative, Inc.
Office# 603-536-8621
Fax# 603-536-8851
E-mail Address: Frazierb@nhec.com

B. The State of New Hampshire Department of Environmental Services has issued the **Wetlands and Non-Site Specific Permit 2020-00802.**

Delete the Appendix to the Specifications issued July 6, 2020 and **Replace** in its entirety with the attached Appendix.

IV. ATTACHMENTS

- NHDES Wetlands Permit Approval issued August 3, 2020
Wetlands and Non-Site Specific Permit 2020-00802

END ADDENDUM

APPENDIX

NHDES PERMIT



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

August 03, 2020

TOWN OF ORFORD
JOHN ADAMS
2529 RTE 25A
ORFORD NH 03777

Re: Wetlands Permit Approval (RSA 482-A)
NHDES File Number: 2020-00802
Subject Property: Town Road 100, Orford, Tax Map #08, Lot # ROW

Dear Mr. Adams:

Attached please find Wetlands Permit # 2020-00802 to dredge and fill 305 square feet (SF) within the banks of Archertown Brook (tier 3, impacting 76 linear feet) to replace twin temporary 6 foot diameter by 29 foot long culverts with a 19.5 foot span by 7 foot high by 24 foot wide box culvert installed in 2017 under a Federal Emergency Management Agency (FEMA) disaster declaration (DR-4329). Temporarily impact 796 SF within the bed and banks of Archertown Brook (74 linear feet) for access, installation, and erosion, sediment, and turbidity controls. In addition, restore 144 SF (20 linear feet) of channel bed by widening the channel at the inlet and outlet.

The decision to approve this project was based on the following findings:

1. This project is classified as a major impact project per Rule Env-Wt 903.01(g)(3)(b), for a project to replace a tier 3 stream crossing.
2. Per Rule Env-Wt 306.05, the applicant has addressed all of the required planning items that are used to determine the appropriate impact classification of a project and the type of approval required.
3. Per Rule Env-Wt 313.01(a)(2), all applicable conditions specified in Env-Wt 307 have been met.
4. Per Rule Env-Wt 313.03(a), the applicant has demonstrated that potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized.
5. The applicant has demonstrated specifically that each factor listed in Env-Wt 313.03(b) has been considered in the design of the proposed major project.
6. Per Rule Env-Wt 313.01(a)(1)(a), the applicant has met the requirements of Env-Wt 311.10 regarding functional assessments.
7. Per Rule Env-Wt 313.01(a)(4), all project-specific criteria established in Env-Wt 900 have been met.
8. Per Rule Env-Wt 313.01(a)(3), all resource-specific criteria established in Env-Wt 900 have been met.
9. This stream crossing is a tier 3 per Env-Wt 904.05(a)(1), as the contributing watershed is 640 acres or greater, and it is within a 100 year floodplain, per Env-Wt 904.05(a)(3).
10. Per Rule Env-Wt 904.10(a), the applicant has demonstrated that installing the structure specified in the applicable rule is not practicable, and has proposed an alternative design.
11. Per Rule Env-Wt 904.10(b), to request approval of the alternative design, the applicant has submitted a written request to the department, accompanied by a technical report prepared by a professional engineer that clearly explains how the proposed alternative meets the criteria for approval specified in Env-Wt 904.10(c).
12. Per Rule Env-Wt 904.10(c), the department has approved an alternative design for the tier 3 stream crossing as the report submitted pursuant to Env-Wt 904.10(b) demonstrated that adhering to the stated requirements is not practicable by providing the information listed in Env-Wt 904.10(c)(1) and (2).

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13. Per Rule Env-Wt 904.07(c)(1), the tier 3 stream crossing replacement project has been designed to meet the general design considerations specified in Env-Wt 904.01(a).
14. Per Rule Env-Wt 904.07(c)(2), the tier 3 stream crossing replacement project has been designed to be of sufficient size to accommodate the 100-year 24-hour design storm.
15. The tier 3 stream crossing replacement project has met the applicable design criteria in Rule Env-Wt 904.07(c)(5) through (c)(8).
16. Per Rule Env-Wt 311.06(h), the municipal conservation commission provided comments on the proposed project on June 30, 2020, and the applicant has addressed the comments.
17. Per Rule Env-Wt 311.06(j), as of the date of this permit, the applicant has not received comments from any federal agency.
18. The original crossing was a 12 foot 8 inch span by 7 foot 10 inch high by 40 foot long pipe arch culvert that washed out during a heavy rain event in July 2017. The crossing was situated on a dead end road that served two residences on the far side of the bridge, thus a temporary structure, twin 6 foot diameter by 29 foot long culverts, was installed under a FEMA Emergency Declaration (DR-4329). The current project has been partially funded by FEMA.

Any person aggrieved by this decision may appeal to the NH Wetlands Council (the Council) by filing an appeal that meets the requirements specified in RSA 482-A:10, RSA 21-O:14, and the rules adopted by the Council, Env-WtC 100-200. The appeal must be filed **directly with the Council within 30 days** of the date of this decision and must set forth fully **every ground** upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the Council.

Information about the Council, including a link to the Council's rules, is available at <http://nhec.nh.gov/> (or more directly at <http://nhec.nh.gov/wetlands/index.htm>.) Copies of the rules also are available from the NHDES Public Information Center at (603) 271-2975.

If you have any questions, please contact the NHDES Wetlands Bureau at (603) 271-2147.

Sincerely,



Jessica R. Bouchard
Wetlands Specialist
Land Resources Management, Water Division

cc: Orford Municipal Clerk/Conservation Commission
James Hall, Dubois & King, Inc.



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

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WETLANDS AND NON-SITE SPECIFIC PERMIT 2020-00802

NOTE CONDITIONS

PERMITTEE: TOWN OF ORFORD
JOHN ADAMS
2529 RTE 25A
ORFORD NH 03777

PROJECT LOCATION: TOWN ROAD 100, ORFORD
TAX MAP #08, LOT #ROW

WATERBODY: ARCHERTOWN BROOK

APPROVAL DATE: AUGUST 03, 2020

EXPIRATION DATE: AUGUST 03, 2025

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Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued by the New Hampshire Department of Environmental Services (NHDES). This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Dredge and fill 305 square feet (SF) within the banks of Archertown Brook (tier 3, impacting 76 linear feet) to replace twin temporary 6 foot diameter by 29 foot long culverts with a 19.5 foot span by 7 foot high by 24 foot wide box culvert installed in 2017 under a Federal Emergency Management Agency (FEMA) disaster declaration (DR-4329). Temporarily impact 796 SF within the bed and banks of Archertown Brook (74 linear feet) for access, installation, and erosion, sediment, and turbidity controls. In addition, restore 144 SF (20 linear feet) of channel bed by widening the channel at the inlet and outlet.

THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:

1. All work shall be done in accordance with the revised plans dated July 2, 2020 by Dubois & King, Inc., as received by the NH Department of Environmental Services (NHDES) on July 13, 2020, per Rule Env-Wt 307.16.
2. In accordance with Env-Wt 311.11(d), if the applicant is not the owner of the property, each property owner shall sign and date the application provided that property owner signatures shall not be required for transportation projects adjacent to existing rights-of-way where an easement will be obtained prior to the start of construction.
3. In accordance with Env-Wt 307.04(a), activities that produce suspended sediment in jurisdictional areas that provide value as fish spawning or nursery areas shall be done so as to avoid and minimize discharges of dredged material or placement of fill material during spawning or breeding seasons by using water quality protection techniques as specified in Env-Wt 307.
4. In accordance with Env-Wt 307.05(e), to prevent the use of soil or seed stock containing nuisance or invasive species, the contractor responsible for work shall follow Best Management Practices for the Control of Invasive and Noxious Plant Species (Invasive Plant BMPs).
5. In accordance with Env-Wt 307.03(b), all work, including management of soil stockpiles, shall be conducted so as to minimize erosion, minimize sediment transfer to surface waters or wetlands, and minimize turbidity in surface waters and wetlands using the techniques described in Env-Wq 1505.02, Env-Wq 1505.04, Env-Wq 1506, and Env-Wq 1508; the applicable BMP manual; or a combination thereof, if the BMP manual provides less protection to jurisdictional areas than the provisions of Env-Wq 1500.

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6. In accordance with Env-Wt 904.02(a)(1), in-stream work shall be done only during low flow or dry conditions.
7. In accordance with Env-Wt 904.02(b), work on stream crossings that requires any work in areas that are subject to flowing water shall maintain normal flows and prevent water quality degradation during the work by using best management practices, such as temporary by-pass pipes, culverts, or cofferdams.
8. In accordance with Env-Wt 307.10(c), turbidity controls shall be installed prior to construction and maintained during construction such that no turbidity escapes the immediate dredge area; and remain in place until suspended particles have settled and water at the work site has returned to normal clarity.
9. In accordance with Env-Wt 307.03(c)(1), water quality control measures shall be selected and implemented based on the size and nature of the project and the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to jurisdictional areas.
10. In accordance with Env-Wt 307.03(c)(3), water quality control measures shall be installed prior to start of work and in accordance with the manufacturer's recommended specifications or, if none, the applicable requirements of Env-Wq 1506 or Env-Wq 1508.
11. In accordance with Env-Wt 307.03(d), any sediment collected by water quality control measures shall be removed with sufficient frequency to prevent the discharge of sediment; and placed in an upland location in a manner that prevents its erosion into a surface water or wetland.
12. In accordance with Env-Wt 307.03(c)(6), water quality control measures shall remain in place until all disturbed surfaces are stabilized to a condition in which soils on the site will not experience accelerated or unnatural erosion by achieving and maintaining a minimum of 85% vegetative cover using an erosion control seed mix, whether applied in a blanket or otherwise, that is certified by its manufacturer as not containing any invasive species.
13. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
14. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.
15. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
16. In accordance with Env-Wt 307.10(f), dredged materials to be stockpiled in uplands shall be dewatered in sedimentation basins that are contained within turbidity controls that prevent turbid water from leaving the basins; and located outside of any jurisdictional area.
17. In accordance with Env-Wt 307.10(d), dredged materials shall be disposed of out of jurisdictional areas.
18. In accordance with Env-Wt 307.11(a), fill shall be clean sand, gravel, rock, or other material that meets the project's specifications for its use; and does not contain any material that could contaminate surface or groundwater or otherwise adversely affect the ecosystem in which it is used.
19. In accordance with Env-Wt 307.12(i), wetland areas where permanent impacts are not authorized shall be restored to their pre-impact conditions and elevation by replacing the removed soil and vegetation in their pre-construction location and elevation such that post-construction soil layering and vegetation schemes are as close as practicable to pre-construction conditions.
20. In accordance with Env-Wt 307.12(a), within 3 days of final grading or temporary suspension of work in an area that is in or adjacent to surface waters, all exposed soil areas shall be stabilized by seeding and mulching, if during the growing season; or mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1 if not within the growing season.

GENERAL CONDITIONS THAT APPLY TO ALL NHDES WETLANDS PERMITS:

1. Pursuant to RSA 482-A:12, a copy of the permit shall be posted in a secure manner in a prominent place at the site of the approved project.

2. In accordance with Env-Wt 313.01(a)(5), and as required by RSA 482-A:11, II, work shall not infringe on the property rights or unreasonably affect the value or enjoyment of property of abutting owners.
3. In accordance with Env-Wt 314.01, a standard permit shall be signed by the permittee and the principal contractor who will build or install the project prior to start of construction; and will not be valid until signed.
4. In accordance with Env-Wt 314.03(a), the permittee shall notify the department in writing at least one week prior to commencing any work under the permit.
5. In accordance with Env-Wt 314.08(a), the permittee shall file a completed notice of completion of work and certificate of compliance with the department within 10 working days of completing the work authorized by the permit.
6. In accordance with Env-Wt 314.06, transfer of this permit to a new owner shall require notification to and approval by NHDES.
7. In accordance with Env-Wt 307.02, in order to be in compliance with federal requirements, all work in areas under the jurisdiction of the U.S. Army Corps of Engineers (US ACE) shall comply with all conditions of the applicable state general permit (see attached notice).
8. In accordance with Env-Wt 307.06(a) through (c), no activity shall jeopardize the continued existence of a threatened or endangered species, a species proposed for listing as threatened or endangered, or designated or proposed critical habitat under the Federal Endangered Species Act, 16 U.S.C. §1531 et seq.; State Endangered Species Conservation Act, RSA 212-A; or New Hampshire Native Plant Protection Act, RSA 217-A. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel.

APPROVED:



Jessica R. Bouchard
Land Resources Management, Water Division

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BY SIGNING BELOW, I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.

OWNER'S SIGNATURE (required)

CONTRACTOR'S SIGNATURE (required)



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner



**NOTICE TO RECIPIENTS OF
MAJOR IMPACT NH WETLANDS PERMITS**

Your permit was approved by the New Hampshire Wetlands Bureau as a major impact project, and your project will be reviewed by the US Army Corps of Engineers for possible approval under the Army Corps New Hampshire State Programmatic General Permit – SPGP. The Army Corps will notify you within thirty (30) days as to whether you qualify.

*****NO WORK SHOULD BE DONE IN WETLANDS
UNTIL YOU RECEIVE THAT NOTICE*****

If you do not hear from the Army Corps within thirty (30) days, you should call them at 1-978-318-8335 (ME, NH, VT, CT, RI); 1-800-362-4367 (MA).

cc: US Army Corps of Engineers