

ADDENDUM NO. 1

Lord Howe Street Bridge Replacement

Essex County, NY

February 20, 2015

TO ALL HOLDERS OF BIDDING DOCUMENTS:

This Addendum, issued to bid document holders of record, indicates clarifications to the bid documents for the Lord Howe Street Bridge Replacement project. All clarifications described herein shall be incorporated into the Contractor's bid proposal. This Addendum is part of the Contract Documents. Adjustments required by each item shall be understood to apply to all document references affected by the clarifications described.

1. **General:** A Pre-Bid meeting was held for the project at the site on February 18, 2015 at 9:30 AM. Minutes from the meeting are enclosed and are a part of this Addendum and the Contract Documents.

**END OF ADDENDUM NO. 1
(attachments)**

PRE-BID MEETING MINUTES

Report Date: February 20, 2015
Project: Lord Howe Street Bridge Replacement

Attending: Carl B. Schoder, PE - Schoder Rivers Assoc.
Robert Leveille - Essex Co. DPW
Gregory Swart - AES Northeast, PLLC
David Rhodes - Stephen Miller General Contractors
Gary Olcott - Peckham Road Corporation
Dan Slifka, Jr. - IngCivil, Inc.
Robert Chase - Bast Hatfield Construction
Greg France - Ellsworth & Son Excavating, Inc.
Jeremy Fowler - Branon Construction
James Sprague - Reale Construction Co.
Peter Reale - Reale Construction Co.

Distribution: Via posting on the Essex County Website as a part of Addendum No. 1 for access by all holders of bidding documents.

A scheduled pre-bid meeting was held for the above referenced project on February 18, 2015 at 9:30 AM at the project site. The following items were discussed:

1. Schoder reviewed bidding and construction requirements for the project and similar items as stated in the bidding documents.
2. The existing water main on Lord Howe Street is assumed to be cast iron pipe. The contractor shall be responsible to verify the existing pipe type and to provide appropriate coupler(s) needed to connect to the existing pipe.
3. The existing water main to be replaced, which is attached to the east fascia of the existing bridge, is fed from the north only and serves an estimated 23 users on the south side of the bridge. Shutdown of water service for these users must be limited to one (1) eight (8) hour period, with notification to the Town of Ticonderoga Water Department as specified in Note 4 on Drawing C-5. The contractor shall schedule the work for the project to complete the water main relocation work prior to removal of the existing bridge superstructure and existing water main.
4. Schoder noted that all environmental protections required by the project design documents and by the permits for the project issued by the NYS Department of Environmental Conservation (NYSDEC) and the Adirondack Park Agency (APA) are a part of the work and must be strictly adhered to by the contractor. Copies of the NYSDEC and APA permits are attached at the end of this Addendum No. 1.
5. Existing overhead primary power lines have reportedly been deenergized by the utility company between poles NM-12 and NM-15. Electric service level power supply appears to remain in place and energized between these pole locations and appears to serve the residences at the northeast and southwest corners of the bridge. It shall be the contractor's responsibility to contact National Grid to verify that the primary power is deenergized and to coordinate any temporary relocations for the service level power line as required to provide safe separation distances for the construction of the project.

February 20, 2015

6. Attached to this Addendum No. 1 is a copy of the Pre-Bid Meeting Attendance Sheet for contact information for the attendees.

The meeting adjourned at 10:15 AM.

Respectfully submitted:

A handwritten signature in black ink, appearing to read "Carl B. Schoder". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Carl B. Schoder, PE
Principal

New York State Department of Environmental Conservation
Division of Environmental Permits, Region 5
1115 NYS Route 86, PO Box 296, Ray Brook, New York 12977
Phone: (518) 897-1234 • FAX: (518) 897-1394
Website: www.dec.ny.gov



Joe Martens
Commissioner

August 8, 2014

Attn: Robert Leveille
Essex County DPW
8053 US Rte 9
Elizabethtown, NY 12932

Re: DEC #5-1548-00239/00001
Lord Howe St Bridge
Town of Ticonderoga
County of Essex

Dear Permittee:

Enclosed is your permit which was issued in accordance with the applicable provisions of the Environmental Conservation Law. Questions regarding the terms of the permit should be directed to Rob Fiorentino at (518) 623-1234. Should your plans change, please contact this office to determine whether modifications of the permit are required.

Please note that it is the responsibility of the permittee and his agents to read and comply with all permit conditions. **Carefully review the project sketches attached to this permit. Minor changes may have been made in the location or dimensions of your project, or additional materials (i.e. filter fabric or rock rip-rap) may have been included in the plans.**

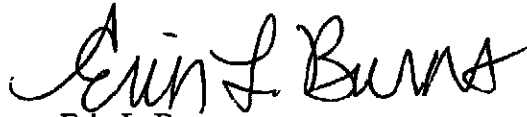
Further, the permit is valid only for the activity expressly authorized. Work beyond the scope of the permit shall be considered as work without a permit. Any failure to comply with these terms may be treated as a violation of the Environmental Conservation Law. Work done under this permit is subject to inspection by Forest Rangers and Environmental Conservation Officers.

THIS PERMIT DOES NOT ELIMINATE THE NEED TO OBTAIN APPROVALS FROM OTHER LOCAL OR STATE AGENCIES, OR FROM THE U. S. ARMY CORPS OF ENGINEERS (USACOE). IF YOUR PROJECT IS LOCATED WITHIN THE ADIRONDACK PARK OR LAKE GEORGE PARK, APPROVALS MAY BE REQUIRED FROM THE ADIRONDACK PARK AGENCY (APA) OR THE LAKE

Essex County DPW
August 8, 2014
Page Two

**GEORGE PARK COMMISSION (LGPC). FOR ADDITIONAL INFORMATION ON
APA REQUIREMENTS, CONTACT THE APA AT (518) 891-4050. FOR LGPC
REQUIREMENTS, CALL (518) 668-9347. FOR USACOE REQUIREMENTS CALL
(518) 270-0588.**

Sincerely,

A handwritten signature in black ink that reads "Erin L. Burns". The signature is fluid and cursive, with the first name "Erin" being more prominent than the last name "Burns".

Erin L. Burns
Deputy Regional Permit Administrator

ELB:ras
Enclosures

ec: Rob Fiorentino, Fisheries
John Connell, ACOE
Devan Korn, APA #P2014-118
Joan Ducharme
ECO Lt. Harold Barber



NOTICE OF INTENT TO INITIATE PROJECT CONSTRUCTION

NOTE: This notice must be mailed or faxed to the appropriate Department of Environmental Conservation Office listed below. Notice must be received by the Department at least 48 hours prior to initiation of construction activities.

The following information is to be filled out by DEC:

DEC Permit #: 5-1548-00239/00001
Permittee Name: Essex County
Address: 7551 Court St
Elizabethtown, NY 12932

Telephone Number: (518) 873-3353

The following information must be completed by the Permittee:

I plan on initiating work on my project on _____
month/day/year

My contractor is: _____

Address: _____

Telephone: _____

Please mail or FAX this form prior to initiating project to:

 X **NYSDEC**
Natural Resources Office
PO Box 296, Route 86
Ray Brook, NY 12977-0296
(518) 897-1291
(518) 897-1370 FAX

_____ **NYSDEC**
Natural Resources Office
232 Golf Course Road
Warrensburg, NY 12885-0220
(518) 623-1240
(518) 623-3603 FAX

New York State
Department of Environmental Conservation



The Department of Environmental Conservation (DEC) has issued permit(s) pursuant to the Environmental Conservation Law for work being conducted at this site. For further information regarding the nature and extent of work approved and any Departmental conditions on it, contact the Regional Permit Administrator listed below. Please refer to the permit number shown when contacting the DEC.

Regional Permit Administrator

Permit Number 5-1548-00239/00001

Expiration Date

October 1, 2016

Erin L. Burns
Erin L. Burns
Deputy Regional Permit Administrator

NOTE: This notice is NOT a permit



PERMIT
Under the Environmental Conservation Law (ECL)

GENERAL PERMIT GP-5-10-002
Protection of Waters

Permittee and Facility Information

Permit Issued To:
ESSEX COUNTY
7551 COURT ST
PO BOX 217
ELIZABETHTOWN, NY 12932-0217
(518) 873-3353

Facility:
LORD HOWE ST BRIDGE - TROUT BROOK
LORD HOWE ST, 150 FT S OF SCHUYLER ST
TICONDEROGA, NY 12883

Applicable DEC Region(s): 5

General Permit Authorized Activity: Any activity or combination of activities approved by and specifically described in this permit.

Facility Location: in TICONDEROGA in ESSEX COUNTY

Facility Principal Reference Point: NYTM-E: 625.958 NYTM-N: 4855.796

Project Location: 0.27 mi south of Rte 9N and Montcalm St

Specific Activities Authorized for this Permit: This permit authorizes the in-kind replacement of a 50' bridge over Trout Brook. The project will involve excavation for the placement of new footings and abutments. It will also involve the placement of approximately 1,000 square feet of rip rap with approximately 42 cubic feet below mean high water level (MHWL). There will be no in-stream equipment.

Permit Authorizations

Excavation & Fill in Navigable Waters - Under Article 15, Title 5

Permit ID 5-1548-00239/00001

New Permit

Effective Date: 8/8/2014

Expiration Date: 10/1/2016

Water Quality Certification - Under Section 401 - Clean Water Act

Permit ID 5-1548-00239/00002

New Permit

Effective Date: 8/8/2014

Expiration Date: 10/1/2016

Stream Disturbance - Under Article 15, Title 5

Permit ID 5-1548-00239/00003

New Permit

Effective Date: 8/8/2014

Expiration Date: 10/1/2016



NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

General Permit Authorized by

Permit Administrator: MARC S MIGLIORE , Regional Permit Administrator
Address: REGION 5 WARRENSBURG SUB-OFFICE
232 GOLF COURSE RD
WARRENSBURG, NY 12885

Date: 06/11/2010

This permit is not effective without the signature below:

Validation under this General Permit

Authorized By: ERIN L BURNS , Deputy Regional Permit Administrator
Address: NYSDEC REGION 5 HEADQUARTERS
1115 NYS ROUTE 86
PO BOX 296
RAY BROOK, NY 12977-0296

Authorized Signature:

 Date 8/8/14

Permit Components

NATURAL RESOURCE PERMIT CONDITIONS

WATER QUALITY CERTIFICATION SPECIFIC CONDITION

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

**NATURAL RESOURCE PERMIT CONDITIONS - Apply to the Following
Permits: EXCAVATION & FILL IN NAVIGABLE WATERS; WATER
QUALITY CERTIFICATION; STREAM DISTURBANCE**

1. **Contact DEC If Permit Is Unclear** If any portion of this permit is unclear or should you have any questions about the special permit conditions incorporated in this permit, please contact the Division of Environmental Permits. Calls can be made on weekdays (excluding holidays) between 8:30 a.m. and 4:30 p.m.



2. Floodplain Regulations The project must meet all local and federal floodplain regulations and, if applicable, a written approval from the floodplain administrator must be kept on file.

3. Other Agency Approvals This General Permit does not eliminate the need to obtain approvals from other local, state or federal agencies such as the Adirondack Park Agency (APA) for projects located within the Adirondack Park, the Lake George Park Commission (LGPC) for projects located in Lake George Park, the Hudson River-Black River Regulating District (HRBRD) for projects located on Great Sacandaga Lake or the U.S. Army Corps of Engineers (USACE) for projects which are located in federal waters or wetlands.

4. Prohibition Period for Trout All instream work, as well as any work that may result in the suspension of sediment, is prohibited during the trout spawning and incubation period commencing October 1 and ending April 30, unless project-specific authorization is granted.

5. Conformance With Plans All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such approved plans were prepared by Schoder Rivers Associates and received by DEC on July 2, 2014.

6. Notice of Intent to Commence Work The permittee shall submit a Notice of Intent to Commence Work to Bureau of Fisheries at least 48 hours in advance of the time of commencement and shall also notify him/her promptly in writing of the completion of work.

7. Post Permit Sign The permit sign enclosed with this permit shall be posted in a conspicuous location on the worksite and adequately protected from the weather.

WATER QUALITY

8. Precautions Against Contamination of Waters All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.

9. No Equipment in the Water Heavy equipment operation in the water is prohibited. With backhoes and similar heavy equipment, the bucket may enter the water.

10. No Dredging or Excavation No dredging, excavating or other alteration of shoreline or underwater areas is authorized by this permit, nor shall issuance of this permit be construed to suggest that the Department will issue a permit for such activities in the future.

11. Concrete Leachate During construction, no wet or fresh concrete or leachate shall be allowed to escape into any wetlands or waters of New York State, nor shall washings from ready-mixed concrete trucks, mixers, or other devices be allowed to enter any wetland or waters. Only watertight or waterproof forms shall be used. Wet concrete shall not be poured to displace water within the forms.

12. No Interference With Navigation There shall be no unreasonable interference with navigation by the work herein authorized.

13. Maintain Water Flow During Work During periods of work activity, flow immediately downstream of the work site shall equal flow immediately upstream of the work site.



14. Turbid Discharges Visibly turbid discharges from land clearing, grading or excavation activities, or de-watering operations shall not enter the stream, navigable water, or wetland. Prior to entry into stream, navigable water or wetland, any such discharge shall be:

- a. retained in an appropriately maintained upland settling basin;
- b. filtered through crushed stone, sand, straw bales, silt screening (maximum opening size of U.S. Sieve Number 20), etc.; or,
- c. directed to a grassy upland area a sufficient distance from the stream to prevent change in turbidity of the receiving water.

EROSION CONTROLS

15. Siltation Prevention Measures Siltation prevention measures, such as silt fencing, sediment traps or settling basins, shall be installed and maintained during the project, to prevent movement of silt and turbid waters from the project site into any watercourse, stream, water body or wetland.

16. Clearing of Vegetation Clearing of natural vegetation shall be limited to that material which poses a hazard or a hindrance to the construction activity.

17. Install and Maintain Erosion Controls Staked hay or straw bales or other DEC-approved erosion control measures are to be installed on the downslope edge of any disturbed areas. This barrier to sediments is to be put in place before any disturbance of the ground occurs and is to be maintained in a functional condition until all disturbed land is heavily vegetated.

18. Materials Removed from Bed and Banks Any debris or excess materials from construction of this project shall be immediately and completely removed from the bed and banks of all water areas to an appropriate upland area for disposal.

19. Seed, Mulch Disturbed Areas All areas of soil disturbance resulting from this project shall be seeded with an appropriate perennial grass, and mulched with straw immediately upon completion of the project, within two days of final grading, or by the expiration of the permit, whichever is first.

20. Vegetate All Disturbed Areas The permittee shall revegetate all exposed faces and disturbed areas to prevent soil erosion prior to the project completion or expiration date of this permit, whichever comes first.

PRE-CONSTRUCTION REQUIREMENTS

21. Filter Fabric Curtain Around Work Area A filter fabric (turbidity) curtain weighted across the bottom and suspended at the top by floats shall be positioned to enclose the work site before commencing operations. The curtain shall remain in place and in functional condition during all phases of the operations and remain in place until turbidity inside the curtain no longer exceeds ambient levels.

22. Sandbags Sandbags shall be of the filter fabric type, double bagged and individually tied to prevent sand leakage. They shall be placed and removed manually to prevent spillage. Only clean sand, free of debris, silt, fine particles, or other foreign substances shall be used to fill the bags. All bags shall be filled at an upland site where spillage will not enter the water, and all sand stored on-site shall be surrounded by straw bales or covered with a tarp to prevent erosion of the sand into the water.



23. Dewatering Within Cofferdam Dewatering within the coffer(s) shall be performed so as to minimize siltation and turbidity. Water taken from the coffered area will be passed through settling basins, filter material or other accepted devices to prevent the discharge of turbid water into Trout Brook. All fish trapped within the cofferdam during the dewatering process shall be returned, alive and unharmed, to the water outside the confines of the cofferdam.

24. Settling of Sediments Within Cofferdam The cofferdam shall remain in place until the water clarity in the coffered area matches the open water.

CONSTRUCTION REQUIREMENTS

25. Clean Fill Only All fill shall consist of clean soil, sand and/or gravel that is free of the following substances: asphalt, slag, flyash, broken concrete, demolition debris, garbage, household refuse, tires, woody materials including tree or landscape debris, and metal objects. The introduction of materials toxic to aquatic life is expressly prohibited.

26. No Rock From Stream/Lake No rock for use in construction is to come from the stream bed.

27. Contain Backfill Behind Breakwall Material used as backfill shall be sized to prevent the escape of such material from any openings in the breakwall. A non-biodegradable ground stabilization fabric or filter fabric may be employed to provide containment for such backfill material.

28. Repairs to Structures All repairs to existing structures shall be confined to replacement of existing elements with no change in design, dimension or materials, unless specifically authorized by this permit.

29. Installation of Riprap The stone riprap (revetment) installed must contain no more than one cubic yard of rock per running foot below mean high water. The revetment shall be placed on a layer of filter material such as gravel, small rock and/or woven filter cloth to provide positive drainage and better stability. The revetment toe stone must be keyed to a depth of at least one foot below the soil/waterbody interface, below the Mean High Water Elevation or be adequately fixed to bedrock. The face of the revetment must be sloped no steeper than one foot vertical to one and one-half feet horizontal (1:1.5).

30. Consolidation of Armor Stone Prohibited Armor stone may not be consolidated with concrete or by any other means.

31. Minimum Bridge Span and Culvert Diameter The minimum bridge span (abutment to abutment) and culvert diameter or span shall be equal to or greater than 1.25 times the channel bed width. The channel bed width shall be an average width measured at the project location and straight sections of stream upstream and downstream, which are not influenced by structures or representative of unusual channel characteristics. If this condition cannot be met, an individual permit will be required. Notwithstanding the aforementioned, all culverts must be designed to meet appropriate hydraulic capacity and structural integrity criteria.

32. Maintain Channel Geometry The stream channel bed width, depth and bank height immediately upstream and downstream of the project site shall be consistent with the average channel bed width of the stream. There shall be no widening or constriction of the stream channel bed through the road crossing, and no berms shall be constructed on the stream or river banks.



AREA RESTRICTIONS

33. State May Require Site Restoration If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.

34. State May Order Removal or Alteration of Work If future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.

35. State Not Liable for Damage The State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.

WATER QUALITY CERTIFICATION SPECIFIC CONDITIONS

1. Water Quality Certification The NYS Department of Environmental Conservation hereby certifies that the subject project will not contravene effluent limitations or other limitations or standards under Sections 301, 302, 303, 306 and 307 of the Clean Water Act of 1977 (PL 95-217) provided that all of the conditions listed herein are met.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.



A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC REGION 5 HEADQUARTERS
1115 NYS ROUTE 86
PO BOX 296
RAY BROOK, NY 12977 -0296

4. Submission of Renewal Application The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Excavation & Fill in Navigable Waters, Water Quality Certification, Stream Disturbance.

5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

- a. materially false or inaccurate statements in the permit application or supporting papers;
- b. failure by the permittee to comply with any terms or conditions of the permit;
- c. exceeding the scope of the project as described in the permit application;
- d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. Permit Transfer Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.


Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

A handwritten signature in black ink, appearing to be 'EJB'.

 Adirondack Park Agency	APA General Permit 2002G-3AAR	Permit No. 2014-118
	Application and Submission for General Permit Regulation Activity in APA Jurisdictional Freshwater Wetlands	

Instructions: Please answer all of the questions in each section and complete the required attachments. Submit this form with the required attachments in person or by mail to the Deputy Director, Regulatory Programs, Adirondack Park Agency at the above address. A site visit by Agency staff is required. You may not begin regulated activities at the project site until you have received this certification signed by Agency staff.

Name of Project Sponsor: ESSEX COUNTY DPM Authorized Representative: BOB LEVEILLE

Mailing Address: 8053 US 9, ELIZABETH TOWN, NY 12932

Telephone Number (daytime): 813-3744 FAX: 813-9195

Prior Agency Contact: MARC ROOKS

Have you had any previous discussions with Agency staff regarding the proposed activities involving wetlands or has any Agency staff visited the project site with you or your representative?

☐ No
☒ Yes, staff person's name: MARY O'DELL
 Date of Contact: 7/28/2014

Has the project site been the subject of a past Agency action (i.e., project permit, order, variance, jurisdictional inquiry, enforcement case or wetland flagging)?

☒ No
☐ Do not know
☐ Yes, If known, provide the following number and date:

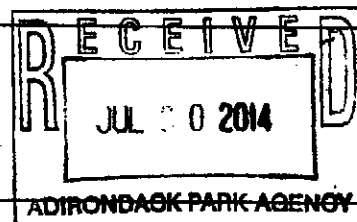
Past Project Permit, Order or Variance Number: _____
 Jurisdictional Inquiry Number: _____
 Enforcement Case Number: _____
 Wetland Boundary Flagging: _____

Contractor (if any, doing the proposed work in wetlands):

Name of Company: TO BE DETERMINED BY BID Authorized Representative: _____

Mailing Address: _____

Telephone No: _____ FAX: _____



Town(s): TICONDEROGA Village:

County (ies): ESSEX

Nearby Road(s): LORD HOWE ST

Nearby Waterbody: TROUT BROOK

Tax Map Number (s): (list all involved parcels):

Section _____ Block _____ Parcel _____ Section _____ Block _____ Parcel _____

REPLACE BRIDGE AT LORD HOWE ST
CROSSING OF TROUT BROOK.

By signing this permit application, the project sponsors agree to strictly comply with the terms and conditions of this application and certification.

X Robert R. Leville
Signature of Project sponsor

X _____
Signature of Project Site Landowner(s)

X _____
Signature of Authorized Representative(s) (if designated above)

Certain Regulated Activities in Wetlands

Applicability:

1. This general permit only applies where the sole basis of Agency permit jurisdiction over the project activity in question is due to involvement of wetlands pursuant to Section 810(1) of the APA Act or where the activity constitutes a "regulated activity" pursuant to 9 NYCRR 578.3 in or significantly impairing wetlands.
2. This general permit may not be used if the wetland activity in question also requires Agency approval due to involvement of a larger project, such as a subdivision or new land use or development under Sections 810 or 814 of the Adirondack Park Agency Act or for "rivers projects" under the New York State Wild, Scenic and Recreational Rivers System Act and 9 NYCRR Part 577 or requires a variance under Section 806 shoreline restrictions.

Field Visit Requirements: (to be completed by the project project sponsor prior to the field visit by Agency staff unless otherwise agreed to in advance by Agency staff)

1. Field delineate with stakes the centerline of any driveways, roads, underground or overhead utilities, utility poles, culverts or other structures to be located within wetlands.
2. Field delineate with stakes or colored flagging (except blue) the approximate location of all property lines that are located within 100 feet of the edge of any proposed work area.
3. Identify with colored flagging (except blue) or stakes the limits of the proposed temporary and/or permanent fill in wetlands.
4. Field delineate with stakes any new power poles to be located in wetlands.

Required Attachments: (your application will not be processed without all required attachments)

1. Attach a copy of current deed of record for the project site.
2. Attach a Property Boundary Map which may be either a labeled and scaled copy of a survey map, deed plot or current real property tax map clearly showing the property boundaries and labeled with the tax map number(s).
3. Attach a site plan map scaled at 1" = 40' (one inch equals forty feet) for each work site involving or affecting wetlands. Showing existing site conditions and the proposed development activities, including all existing and proposed roads, driveways, buildings, utility poles, lines and anchors, and drainage structures, temporary and permanent easements, areas of existing vegetation labeled as to covertime, limits of proposed vegetative clearing, existing wetland boundaries, limits of wetland disturbance or filling, and proposed mitigation, including wetland replacement areas, if any. The map should clearly show the date and name and title of the person who prepared the map.
4. Provide scaled sketches of the proposed work areas and activities, including plan view and cross sections through the area of wetland fill, plans and details of any temporary or permanent structures to be placed in or affecting wetlands, and temporary and permanent erosion and sediment control practices to be employed.
5. Attach a written explanation describing all of the following:
 - a) The purpose and need for the proposed activity involving or affecting existing wetlands,
 - b) why there is no practicable alternative to avoid working in the wetlands,
 - c) how impacts to the wetlands have been avoided and minimized to the greatest extent practicable,
 - d) the quantity in square feet of temporary excavation or fill and permanent excavation or fill,
 - e) all temporary and permanent erosion and sediment control practices to be used to protect the wetlands during and after construction,

- f) final site stabilization and restoration methods (e.g., topsoiling and seeding, planting of trees and shrubs), including plant names and sizes,
- g) all other proposed compensatory mitigation measures, including constructing replacement wetlands, if any, and construction activities sequence of work and proposed start date and estimated completion date.

CONDITIONS

1. The activities in or affecting existing APA-jurisdictional wetlands described in this application and in the required attachments may not be undertaken unless or until this application and certification is signed by authorized Agency staff.
2. Failure to comply with this general permit and approved attached site plan is a violation and may subject the project sponsor, successors and assigns to civil penalties and other legal proceedings, including modification, suspension or revocation of the permit.
3. By signing the application and certification, the permittee(s) and their contractor(s), if any, accept full legal responsibility for all damages, direct or indirect, of whatever nature and by whomever suffered, arising out of the project.
4. The Agency may conduct on-site investigations, examinations and evaluations as it deems necessary to ensure compliance with the terms and conditions of this permit. Such activities shall take place at reasonable times and upon advance notice where possible.
5. At the written request of the Agency, the permittee shall report in writing the status of the project, including details of compliance with any terms and conditions of this permit.
6. The permittee shall notify the Agency in writing of the project completion within five working days after the work authorized by the approved permit has been successfully completed.
7. All mobilization of equipment and materials shall occur prior to undertaking the work involving or affecting wetlands and shall be completed in the shortest necessary time span.
8. This permit does not grant the permittee any right to trespass upon the lands of, or interfere with the riparian rights of others in order to perform the permitted work, nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.
9. The permittee shall require that any agent, contractor, project engineer, or other person responsible for the overall supervision of this project read and understand this permit and approved plans and all terms and conditions prior to undertaking the project. Copies of the signed permit and approved plans shall be kept at the project site during all construction activities.
10. Any deviation from the type of project authorized by this permit or failure to comply precisely with all the terms and conditions of this permit and approved plans must be expressly approved in writing and in advance by authorized staff of the Agency.
11. The work shall be scheduled and conducted during drier periods (not during major storm events,

spring runoff, and thawing conditions) to avoid and minimize erosion of soils and to prevent silting and muddying of wetlands or surface waterbodies.

12. Prior to construction, including clearing and grubbing, silt fence, as shown on the approved plans, shall be properly installed with the bottom buried at least four inches. Silt fence and all other erosion control measures shall be installed and maintained as specified in and shown on the approved plans.
13. No mechanized equipment shall be driven in wetlands unless expressly authorized herein. Every effort shall be made to work from upland areas and to minimize disturbances to areas adjacent to wetlands. Only tracked equipment shall be used in wetlands.
14. Any cutting of vegetation along the shorelines of navigable waterbodies shall be in conformance with the Shoreline Restrictions of Section 806 of the Adirondack Park Agency Act. (A copy of the Shoreline Restrictions or the Citizen's Guide is available upon request).
15. No waste disposal, material or excavation stockpiling, or dewatering discharge shall occur in or within 50 feet of wetlands unless specifically authorized in the project plans.
16. All equipment, including but not limited to trucks, excavators, earth drills and tractors, shovels, picks and rakes, to be used on the site shall be washed with high pressure hoses and hot water prior to being brought on the site. The intent of this condition is to insure invasive plant species are not spread to the construction site.
17. The regulated wetland activities authorized herein, including site restoration activities, shall be completed by September 15, 2015.
(Date to be filled in by APA Representative)

SPECIAL CONDITIONS BY ACTIVITY

Underground utility line installation, repair or replacement

18. The installation or repair of underground utility lines shall not result in significant change in the preconstruction contours, flow or watertable characteristics of the wetland.
19. The area of wetland disturbance shall be limited to the minimum necessary to construct the utility line. Clearing of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to construction activities. Grading and grubbing of the wetland shall be minimized to the greatest extent practicable.
20. Where trenching for the installation or repair of underground utilities in wetlands, the top 12 inches of wetland soil shall be first removed and temporarily placed onto a geo-textile blanket running parallel to the trench. Sub-grade soils dug from the trench shall be sidecast on the opposite side of the trench onto another geo-textile blanket running parallel to the trench. All sidecast material shall be placed and stabilized in such a manner so as to prevent its dispersion by normal or high water flows.
21. The length of trench to be opened should be only that which can be opened and completed in one day. After installation or repair of the underground utilities, including placement of bedding materials, the sub-grade soils shall be backfilled into the trench, followed by the surface wetland soils. The wetland soil should be left 3 to 6 inches above the surrounding undisturbed wetland surface to allow

for settling. All excess material must be removed to upland areas and stabilized immediately upon completion of construction. The geo-textile blanket can be utilized for the next trench section or rolled up and taken offsite after the work is completed.

Culvert repairs, replacements, and extensions or new installations in wetlands

22. Existing pipe and box culverts shall be replaced at their existing location. Replacement culverts shall be installed so as to preserve the pre-construction water levels and flows and shall not inhibit the natural movement of fish. If the activity involves a DEC classified stream, also obtain and comply with an ECL Article 15 permit.
23. New culverts shall be installed so as to preserve the preconstruction water levels and flows and shall not inhibit the natural movement of fish.

Temporary access or detour drives, work pads or water control structures in wetlands

24. Any fills required for temporary construction access, detour and work pad facilities shall be of clean, heavy stone fill or other non-erodible material placed on geo-textile fabric up to the ordinary high water elevation.
25. Temporary construction access, detour and work pad facilities (including necessary fills) shall be located so as to avoid or minimize disturbance of the wetland, and appropriate temporary drainage measures must be taken to maintain preconstruction water flows and watertable characteristics.
26. Temporary water control structures (i.e. cofferdams) shall be of the type and size, and shall be placed in such a manner, so as to not impair surface water flow into or out of the wetland.
27. Temporary water control structures (i.e. cofferdams) shall be constructed of non-erodible materials, and located in such a manner, so as to prevent its dispersion or movement by normal or high water flows.
28. Temporary construction access, detour and work pad facilities (including necessary fills) shall be entirely removed following completion of construction activities, and the affected and adjacent area successfully restored to its preconstruction condition, including replacement planting of native trees and shrubs.

Widening or improvements to existing roads, driveways, or trails

29. Any permanent fill associated with widening or improvements to a pre-August 1, 1973 road, driveway or trail shall not exceed 300 square feet of permanent wetland excavation or fill per wetland complex. Compensatory mitigation shall be addressed as approved by Agency staff.
30. The placement of earthen fill for widening of pre-August 1, 1973 highways, bridges, driveways or trails shall be limited to the minimum necessary to bring the facility into compliance with current State design, safety and capacity standards and shall only be allowed as long as the proposed activity or improvement does not change the historic use of the

facility and the property or the character of the setting.

31. Stabilize road fill with native seed and straw or wood fiber mulch or rip rap, as approved, within 3 days of completion of fill activities.

Temporary access in wetlands for survey and exploratory activities

32. Any fills required for temporary access facilities shall be of clean, heavy stone fill or other non-erodible material placed on geo-textile fabric up to the ordinary high water elevation.
33. All test wells, test pits and bore holes located in wetlands shall be backfilled to the fullest extent possible with soil excavated from the well, pit or hole, with the upper 12 inches of wetland soil returned to the top of the hole. All excess material shall be immediately removed from the wetland and adjacent area and stabilized immediately upon completion of the activity.
34. The area of wetland disturbance shall be limited to the minimum necessary to perform the survey and/or exploratory activity. Cutting of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to the necessary activity. All cut vegetation shall be immediately removed from the wetland and adjacent area upon completion of the activity. Grubbing of stumps and roots shall be avoided.
35. Temporary access facilities (including necessary fills) shall be located so as to avoid or minimize disturbance of the wetland, and appropriate measures shall be taken to maintain preconstruction water flows and watertable characteristics.
36. Temporary access facilities (including necessary fills) shall be entirely removed following completion of the necessary activity, and the affected wetland and adjacent area shall be graded, seeded and restored to replicate preconstruction conditions (except that the planting of replacement trees and shrubs is not required).
37. All slurries, dusts, and liquids and other materials brought to the surface during drilling activities will be carried or pumped into an upland location and treated in such manner so that they or any effluent derived from them are not deposited into the wetland.

Overhead Utility Pole and Line Repair or Replacement

38. The area of wetland disturbance shall be limited to the minimum necessary to repair, replace or construct the utility pole and line. Clearing of existing vegetation shall be limited to that material which poses an immediate hazard or hindrance to construction activities. Grading and grubbing of the wetland shall be minimized to the greatest extent practicable.
39. When pole replacements occur in wetlands, the existing poles to be replaced shall be removed completely from the wetland, including that portion of the pole that was buried.
40. Whenever practicable, access through wetlands shall be done on frozen ground or with the use of wide-tracked vehicles. If temporary access or work pads are required, they shall be governed by the Conditions 22 thru 26 listed above.

(Additional conditions, if any, as determined by Agency staff)

X Mary O'Dell Date: 8/6/14
Signature of APA Environmental Program Specialist or Wetlands Biologist
(Required before regulated activity can be started)

X [Signature] Date: 8/7/14
Signature of Deputy Director, Regulatory Programs (or designee)
(Required before regulated activity can be started)

Attach as a part of the approved certification an 8-1/2" x 11" reduced copy of the overall site plan(s) referenced in Item 3. of the "Required Attachments" state above.

April 17, 2009

Lord Howe St. PREBID MEETING ATTENDANCE SHEET

Project: Bridge Replacement

Date: 2/18/15

Job No. 12-474.29

NAME	COMPANY	PHONE	EMAIL
Carl Schoder	SRA	518 761-0417	carl@sra-engineers.com
Robert HeVelle	Essex Co.	518 873 -0744	
DAVID RHODES	S.M.G.C.	518- 661-5601	DAVE@SMGC-INC.COM
Gary Swift	AES	518-561-1590	gswift@aes.net
Gary Olcott	PRC	518-572-8306	golcottjrc@gmail.com
DAN SLIFKA JR	NE	518-830261	dsrifka@ingcivilinc.com
ROBERT CHASE	P.H.	518-9448100	RECHASE@BOXX.com
Greg France	Ellsworth & Son, Excavating	518-792-9246	greg@ellsworthexcavating.com
Jeremy Fowler	Branon Construction	802-558-0379	jfowler@branonconstruction.com
Jim Sprague	RCC	518-552-1765	Jim@rccconstruction.com
PETER REALE	REALE Const	518-585418	