

# THE TOWN OF TICONDEROGA

## VETERAN'S ROAD CULVERT REPLACEMENT OVER FIVE MILE CREEK PIN 1761.09, D036296

### AMENDMENT NO. 1

**May 25, 2021 LETTING DATE**  
(Issued May 12, 2021)

#### NOTICE TO PROSPECTIVE BIDDERS

This Amendment No. 1 is issued to all bidders and is to be inserted into, and shall become part of, the Contract Documents.

This Amendment serves as an addition to the Bid Proposal, dated April 2021 prepared by Greenman-Pedersen, Inc.

Delete the following items:

Item No.	Unit	Quantity	Contract Proposal Page
<b>None</b>			

Change the ESTIMATE QUANTITIES for the following items:

Item No.	Unit	Existing Quantity	New Quantity
<b>None</b>			

Project Manual page deletions/additions/replacements are summarized in the following table:

Old Page	New Page	Description of Changes
3	3A	Added NYSDEC Permit to Supplemental Information
73	73A	Corrected contract completion dates
85-96	None	Delete Federal-Aid Construction Contract Provisions
97	97A	Delete Federal Davis Bacon Wage Note
99-108	None	Delete Federal Davis Bacon Wage Requirements
None	221-230	Added NYSDEC Permit

Plan sheet deletions/additions/replacements are summarized in the following table:

Old Sheet	New Sheet	Drawing #	Description of Changes
<b>None</b>			

Additional items addressed in this amendment:

ITEM #1:

Contractor Question: As a unit price job, following the NYSDOT format, is there any chance a CSV file with item numbers, item names and quantities could be provided on these types of contracts to all plan holders?

**Yes. The bid sheets in excel format are available to all plan holders upon request from the Engineer. The file will be provided to all plan holders with this Amendment.**

PLEASE BE GOVERNED ACCORDINGLY WHEN SUBMITTING BIDS

Please email the signed Amendment No. 1 to [skern@gpinet.com](mailto:skern@gpinet.com) at Greenman-Pedersen, Inc and include a printed copy in your bid package as acknowledgement.

I hereby certify that Amendment No. 1 has been received and that the contents of said Amendment are reflected in the price bid for this contract.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

Company Name:

\_\_\_\_\_

Address:

\_\_\_\_\_

\_\_\_\_\_

## TABLE OF CONTENTS

### **Veteran's Road Culvert Replacement over Five Mile Creek**

Town of Ticonderoga, Essex County, New York

D036296, PIN 1761.09

Invitation to Bidders .....	5
Instruction to Bidders.....	7
Bidder's Checklist.....	13

*(Forms listed below are to be returned with bid)*

• Bid Form .....	15
• Certified Copy of Resolution of Board of Directors.....	19
• Bid Sheets .....	21
• Lobbying Certifications .....	33
• Non-Collusive Bidding Certification.....	39
• Bid Bond .....	47
• Affidavit of Workers Compensation.....	49
• Iran Divestment Act Certification.....	51
• D/M/WBE Utilization Goals.....	53

*(Forms listed below are to be returned within 7 days of Bid Opening)*

• NYS Uniform Contracting Questionnaire.....	55
Agreement.....	73
Construction Payment Bond .....	79
Construction Performance Bond.....	81
Additional State and Federal Conditions .....	83
Wage Rates Special Note.....	97
<del>Federal Davis-Bacon Wage Rates.....</del>	<del>99</del>
Incorporation of NYSDOT Standard Specifications.....	109

#### **Post Award Forms:**

Change Order Form .....	113
Notice of Award (NOA) .....	115
Notice to Proceed (NTP).....	117

#### **Technical Specifications:**

Special Notes .....	121
Special Specifications .....	135
Essex County Public Water Utility Requirements .....	145

#### **Supplemental Information:**

Appendix C – Insurance Requirements – Public Works.....	159
Appendix D – Standard Clauses .....	161
Appendix E – General Specifications .....	181
ACOE Nationwide Permit .....	217
NYSDEC Permit .....	221

## **AGREEMENT BETWEEN OWNER AND CONTRACTOR**

This AGREEMENT made on the \_\_\_\_\_ day of \_\_\_\_\_ in the year 2021 by and between,  
 \_\_\_\_\_ (hereinafter called OWNER) and  
 \_\_\_\_\_ (hereinafter called the CONTRACTOR).

OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

### **ARTICLE 1 – WORK**

The CONTRACTOR shall complete all Work specified or indicated in the Contract Documents. The Work is generally described as follows:

*Veteran's Road Culvert Replacement over Five Mile Creek*

### **ARTICLE 2 – ENGINEER**

The Project has been designed by Greenman-Pedersen, Inc. who is hereinafter called ENGINEER and who is to act as OWNER's representative, assume all duties and responsibilities and have the rights and authority assigned to ENGINEER in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents.

### **ARTICLE 3 – CONTRACT TIME**

- 3.1. The Work will be substantially completed on or before **December 10, 2021** and ready for final payment on or before **April 29, 2022**.
- 3.2. Liquidated Damages: OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that the OWNER will suffer financial loss if the Work is not completed within the times specified in paragraph 3.1 above, plus any extensions thereof allowed. They also recognize delays, expense and difficulties involved in proving the actual loss suffered by the OWNER when the Work is not completed on time. Accordingly, instead of requiring such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER Liquidated Damages assessed in accordance with the current NYSDOT Standard Specifications, Section 108-03 and/or Table 108-1 "Schedule of Liquidated Damages" included below. If Section 108-03 and/or Table 108-1 are amended during the project, the amended provision shall control. The Reference to the "Commissioner of Transportation" shall be read to mean OWNER.

<b>Table 108-1 - SCHEDULE OF LIQUIDATED DAMAGES</b>		
<b>Original Total Contract Bid Price</b>		<b>Liquidated Damages per Calendar Day</b>
<b>From More Than</b>	<b>To and Including</b>	
\$0	\$100,000	\$500
\$100,000	\$500,000	\$1,000
\$500,000	\$2,000,000	\$1,500
\$2,000,000	\$5,000,000	\$2,000
\$5,000,000	\$10,000,000	\$2,500
\$10,000,000	\$20,000,000	\$4,000
\$20,000,000	-	\$7,000

**SPECIAL NOTE****NYSDOL STATE PREVAILING WAGE RATES**

The contractor shall ensure that workers are paid the appropriate wages and supplemental (fringe) benefits. Throughout the contract, the Contractor shall obtain and pay workers in accordance with periodic wage rate schedule updates from the NYS Department of Labor (NYSDOL). Wage rate amendments and supplements are available on the NYSDOL website at <https://www.labor.ny.gov/home/>. All changes or clarification of labor classification(s) and applicability of prevailing wage rates shall be obtained in writing from the Office of the Director, NYSDOL Bureau of Public Work.

The NYSDOL prevailing wage rate schedule for this contract has been determined and is available on the internet. The prevailing wage rate schedule is accessed by visiting the NYSDOL website, navigating to the appropriate web page and entering the Prevailing Rate Case No. (PRC#). The PRC# is 2021003116. The wage rate schedule for this project can be found at the following link: <https://applications.labor.ny.gov/wpp/showFindProject.do?method=showIt>

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION****Division of Environmental Permits, Region 5**

1115 State Route 86, PO Box 296, Ray Brook, NY 12977-0296

P: (518) 897-1234 | F: (518) 897-1394

www.dec.ny.gov

April 30, 2021

**Sent Via Email Only**

Robert Leveille  
Essex County DPW  
8065 NYS RTE 9  
Elizabethtown, NY 12932

**Re: Veterans Road Culvert**  
**DEC #5-1548-00220/00003**  
**Ticonderoga (T) Essex County**

Dear Robert Leveille:

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 Thomas Shanahan at (518) 897-1291. 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, approvals may be required from the Adirondack Park Agency (APA).

Sincerely,



Erin L. Burns  
Regional Permit Administrator

ec: Thomas Shanahan, DEC  
USACOE, NAN-2021-00246-UPO  
Joan Ducharme, OPP  
ECO Lt. Maxwell Nicols  
Melanie Osterhout, P.E.



Department of  
Environmental  
Conservation



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**Permittee and Facility Information**

**Permit Issued To:**  
Essex County  
7551 Court St  
PO Box 217  
Elizabethtown, NY 12932

**Facility:**  
VETERANS RD BRIDGE AT FIVE MILE  
CREEK  
TICONDEROGA, NY 12883

**Facility Location:** in TICONDEROGA in ESSEX COUNTY

**Facility Principal Reference Point:** NYTM-E: 624.33      NYTM-N: 4859.71  
Latitude: 43°52'48.0" Longitude: 73°27'08.5"

**Authorized Activity:** Removal of existing 10' span three sided box culvert, and replacement with a new 15' span three sided concrete culvert. Approximately 10 cubic yards of rip rap and native streambed material will be placed below the mean high water level. All work shall be done in accordance with approved plans, attached to and made part of the permit.

**Permit Authorizations**

**Stream Disturbance - Under Article 15, Title 5**

Permit ID 5-1548-00220/00003

New Permit

Effective Date: 4/30/2021

Expiration Date: 10/1/2023

**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.**

Permit Administrator: 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: Erin L. Burns

Date 04/30 / 2021

## Permit Components

### NATURAL RESOURCE PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

### NATURAL RESOURCE PERMIT CONDITIONS - Apply to the Following Permits: STREAM DISTURBANCE

#### REPORTING AND RECORD KEEPING

- 1. Other Agency Approvals** This 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 (HRBRRD) 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.
- 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. 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 GPI, received on March 3, 2021.
- 4. 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 them promptly in writing of the completion of work.

#### PRE-CONSTRUCTION REQUIREMENTS

- 5. Prohibition Period for In-water Work** All in-water work, as well as any work that may result in the suspension of sediment, is prohibited during the trout and salmon spawning and incubation period commencing October 1 and ending April 30, unless prior project-specific approval is granted by the Department.
- 6. 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.





**7. Install and Maintain Erosion Controls** Staked straw bales, silt fence 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 ground is heavily vegetated or otherwise stabilized. All erosion control measures intended to stabilize the work site shall be completed by October 1st of any calendar year. If work authorized by this permit cannot be completed by October 1st, interim stabilization measures consisting of erosion control matting or mulching shall be installed by October 1st and maintained in an effective condition until such time as authorized work resumes in the spring. Upon completion of work and satisfactory stabilization of disturbed areas, all erosion controls shall be entirely removed immediately.

**8. Silt Screen** If turbidity may be created as a result of this project, a silt screen curtain (maximum opening of U.S. Sieve No. 70) continually weighted across the bottom and suspended on floats or staked upright must be positioned to surround the work site. The curtain must remain in place for at least 12 hours after completion of the project or longer, if necessary.

**9. No Impedance to Aquatic Organisms** Structures must not impede upstream and downstream migration of aquatic organisms.

**10. Return Stranded Fish** Any fish remaining in the dewatered area shall be returned to the stream, lake or wetland.

**11. 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.

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

## CONSTRUCTION REQUIREMENTS

**13. Cofferdam Specifications** Any temporary cofferdam shall be constructed of materials such as sheet piling, sandbags or clean #1 or larger stone that will not contribute to turbidity or siltation of the waterbody. 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. The cofferdam shall be entirely removed immediately upon completion of work.

**14. Excavation for Authorized Structure Placement** Only that excavation minimally necessary for proper placement of the permitted structure is authorized. Excavation or, including but not limited to, dredging of waterway or freshwater wetland bottom sediments, for any purpose other than those authorized by this GP is expressly prohibited.

**15. Concrete Leachate** 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.

**16. Culvert Slope** For streams which have a slope of three percent (3%) or less at the project area, the embedded culvert shall be installed with a zero percent (0%) slope. For streams which have a slope of more than 3% at the project area, a bottomless culvert or bridge must be installed. An individual permit is required for projects which deviate from this condition.

**17. Embed Culverts** All culverts with bottoms, including round culverts, must be installed so that at least 20% of the culvert's vertical height is embedded below the existing stream bed at the outlet end of the culvert. The streambed material that was excavated to accommodate culvert placement shall then be spread evenly throughout the bottom of the new culvert. If it is not practical to spread streambed material throughout the entire bottom of the new culvert, material must be spread in the culvert at the inlet and outlet ends gradually up to streambed elevation to promote natural deposition. Culverts with bottoms, including round culverts, shall not be installed if the placement is on bedrock.

**18. 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.

**19. 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.

**20. No Machinery in Waterbody or Wetland** Machinery shall not be operated in or from any protected waterbody or in any portion of a regulated Freshwater Wetland without project-specific approval from the Department. However, with backhoes and similar heavy equipment, the bucket may enter the water or wetland, and is not considered operation in the water. Approval to operate machinery in or from the water shall be requested by checking "YES" following the question on the Authorization Form, and by providing written justification with submittal of the Form to the Regional Permit Administrator.

**21. Fill and Riprap at Culvert** Only compacted, clean earthen fill shall be used as backfill and fill around the culvert to minimize water infiltration around the culvert. Both ends of the culvert shall be adequately riprapped to prevent erosion and culvert failure during periods of high water flow.

**22. Materials Disposed at Upland Site** Any demolition debris, excess construction materials, and/or excess excavated materials shall be immediately and completely disposed of on an upland site more than 100 feet from any waterbody, including freshwater wetlands. These materials shall be suitably stabilized so as not to re-enter any water body, wetland, or wetland adjacent area.



**23. Stabilize Disturbed Areas** All disturbed stream banks **below** the normal high water elevation must be graded no steeper than 1 vertical to 2 horizontal slope, and adequately stabilized with stone riprap (native stone preferred). All other areas of soil disturbance **above** the ordinary high water elevation, or elsewhere, shall be seeded with a native perennial grass seed and mulched with straw within two (2) days of final grading. Mulch shall be maintained until suitable vegetative cover is established. Destroyed bank vegetation shall be replaced with shrub willow or silky dogwood plantings, for example, unless the natural growth disturbed consisted of species which immediately generate by "suckering."

**24. 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.

**25. 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.

**26. 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 lawfully 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.

### **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: Stream Disturbance.

**5. Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority 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.

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 5-1548-00220/00003

Expiration Date October 1, 2023

Erin L. Burns

Deputy Regional Permit Administrator

NOTE: This notice is **NOT** a permit



## **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 #:** 5-1548-00220/00003  
**Permittee Name:** Essex County  
**Address:** 7551 Court Street  
 Elizabethtown, NY 12932

**Telephone Number:** (518) 873-3744

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**

COPY COMPLETE ENGINEER'S ESTIMATE BELOW:

	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT IN WORDS		LEGEND			
1	202.120001	REMOVING EXISTING SUPERSTRUCTURES	LS	1	LUMP SUM		LS	LUMP SUM		
2	202.19	REMOVAL OF SUBSTRUCTURES	CY	110	PER CUBIC YARD		CY	PER CUBIC YARD		
3	203.03	EMBANKMENT IN PLACE	CY	420	PER CUBIC YARD		SY	PER SQUARE YARD		
4	203.07	SELECT GRANULAR FILL	CY	25	PER CUBIC YARD		LF	PER LINEAR FOOT		
5	203.21	SELECT STRUCTURAL FILL	CY	410	PER CUBIC YARD		SF	PER SQUARE FOOT		
6	203.25	SAND BACKFILL	CY	15	PER CUBIC YARD		CF	PER CUBIC FOOT		
7	206.01	STRUCTURE EXCAVATION	CY	870	PER CUBIC YARD		EA	EACH		
8	206.0201	TRENCH AND CULVERT EXCAVATION	CY	10	PER CUBIC YARD		LB	PER POUND		
9	207.20	GEOTEXTILE BEDDING	SY	90	PER SQUARE YARD		TON	PER TON		
10	207.26	PREFABRICATED COMPOSITE STRUCTURAL DRAIN	SY	90	PER SQUARE YARD		GAL	PER GALLON		
11	209.13	SILT FENCE - TEMPORARY	LF	300	PER LINEAR FOOT		QU	PER QUALITY UNIT		
12	304.12	SUBBASE COURSE, TYPE 2	CY	120	PER CUBIC YARD		DC	DOLLARS AND/OR CENTS		
13	402.128304	12.5 F3 TOP COURSE HMA, 80 SERIES COMPACTION	TON	54	PER TON		\$	DOLLARS AND/OR CENTS		
14	402.198904	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	30	PER TON		ELOC	EACH LOCATION		
15	402.378904	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON	44	PER TON		MNTH	PER MONTH		
16	407.0103	STRAIGHT TACK COAT	GAL	37	PER GALLON					
17	490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	385	PER SQUARE YARD					
18	552.2001	HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL	LF	105	PER LINEAR FOOT					
19	552.2101	ROCK SOCKETS FOR SOLDIER PILE AND LAGGING WALL	LF	40	PER LINEAR FOOT					
20	552.2201	SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL	LF	140	PER LINEAR FOOT					
21	552.230201	UNTREATED WOOD LAGGING FOR SOLDIER PILE AND LAGGING WALL	SF	1040	PER SQUARE FOOT					
22	553.020001	COFFERDAM (TYPE 2)	EA	2	EACH					
23	554.3001	GEOSYNTHETIC REINFORCED SOIL SYSTEM WALL - WELDED WIRE FORM	SF	140	PER SQUARE FOOT					
24	555.08	FOOTING CONCRETE, CLASS HP	CY	63	PER CUBIC YARD					
25	555.09	CONCRETE FOR STRUCTURES, CLASS HP	CY	45	PER CUBIC YARD					
26	556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	LB	9,500	PER POUND					
27	562.0101	REINFORCED CONCRETE SPAN UNITS	SY	60	PER SQUARE YARD					
28	568.54	STEEL BRIDGE RAILING (THREE RAIL)	LF	78	PER LINEAR FOOT					
29	568.70	TRANSITION BRIDGE RAILING	LF	128	PER LINEAR FOOT					
30	586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	EA	48	EACH					
31	595.50000018	SHEET-APPLIED WATERPROOFING MEMBRANE	SF	244	PER SQUARE FOOT					
32	606.10	BOX BEAM GUIDE RAILING	LF	66	PER LINEAR FOOT					
33	606.100002	BOX BEAM GUIDE RAILING (SHOP BENT)	LF	27	PER LINEAR FOOT					



34	606.120101	BOX BEAM END PIECE	EA	1	EACH					
35	606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE IIA	EA	3	EACH					
36	606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	355	PER LINEAR FOOT					
37	610.1402	TOPSOIL -ROADSIDE	CY	10	PER CUBIC YARD					
38	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	65	PER SQUARE YARD					
39	619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	1	LUMP SUM					
40	619.1715	TEMPORRY POSITIVE BARRIER - CATEGORY 5 (PINNING PROHIBITED)	LF	500	PER LINEAR FOOT					
41	620.04	STONE FILLING (MEDIUM)	CY	80	PER CUBIC YARD					
42	625.01	SURVEY OPERATIONS	LS	1	LUMP SUM					
43	627.50140008	CUTTING PAVEMENT	LF	60	PER LINEAR FOOT					
44	637.11	ENGINEER'S FIELD OFFICE - TYPE 1	MNTH	4	PER MONTH					
45	637.34	OFFICE TECHNOLOGY AND SUPPLIES	DC	1000	DOLLARS AND/OR CENTS					
46	646.23	LARGE SNOWPLOWING DELINEATOR	EA	13	EACH					
47	646.32	STEEL POST, 2.0 LB/FT	EA	9	EACH					
48	660.21160008	FURNISH AND INSTALL STEEL CASING 16 NPS (OUTSIDE DIAMETER)	LF	50	PER LINEAR FOOT					
49	663.0408	PLASTIC WATER PIPE, 8"	LF	50	PER LINEAR FOOT					
50	663.1808	BOLTED SLEEVE TYPE COUPLING, 8"	EA	2	EACH					
51	663.240803	INSULATION FOR BURIED WATER PIPE (8" WITH 3 IN THICK INSULATION)	LF	50	PER LINEAR FOOT					
52	663.29010407	TEMPORARY WATER MAIN - 04 NPS	LF	50	PER LINEAR FOOT					
53	663.4104	REMOVE AND DISPOSE OF EXISTING WATER MAIN, 4"	LF	50	PER LINEAR FOOT					
54	697.03	FIELD CHANGE PAYMENT	DC	24000	DOLLARS AND/OR CENTS					
55	698.04	ASPHALT PRICE ADJUSTMENT	DC	100	DOLLARS AND/OR CENTS					
56	698.05	FUEL PRICE ADJUSTMENT	DC	100	DOLLARS AND/OR CENTS					
57	699.040001	MOBILIZATION	LS	1	LUMP SUM					