



June , 2021

Ms. Nancy Zahler, Supervisor
Town of Ulysses
10 Elm Street
Trumansburg, New York 14886

Attn: Michelle Wright

Re: Cemetery Road Bridge Replacement over Trumansburg Creek PIN 3756.59
Town of Ulysses, Tompkins County, New York
File: 586.016

Dear Michelle:

Barton & Loguidice, D.P.C. (B&L) providing our Engineering Supplemental Agreement # 1, for the Construction Support/Inspection estimate for the anticipated 16 week construction duration.

Included please find the associated attachments and exhibits as follows:

- Engineering Supplemental Agreement #1
- Attachment A – Project Description and Funding
- Attachment B – Task List and Technical Assumptions
- Attachment C – Staffing Rates, Hours, Reimbursables, and Fee

Our Construction Administration/Inspection Fee as stated above is based on the 120-day contract duration, assuming a 40-hour work week plus 5 hrs/wk overtime for the Resident Engineer during the months of August to November. Additionally, we have established 4 hours per week for a Construction Manager to provide Office support to process payments, prepare change orders, facilitate submittals, complete As-built drawings, etc. (See staffing hour for a more detailed estimate manhour breakdown of anticipated staff).

In addition to the CA/CI supplement, we have included a proposed supplement to the design phase on account of several elements that required additional engineering effort. Specifically, in reviewing the project scope and time spent, the items we've identified include:

- ROW coordination. While the ROW easements were officially handled by NYSDOT, B&L was needed to facilitate questions and requests that came from the ROW process both from NYSDOT and from the affected property owners. Most significantly was what stemmed from the Vogel property including items such as the invasive species topic (Japanese knotweed), the temporary driveway alignment and profile, and the concerns regarding their buried utilities.
- Utility coordination: The extent of the utility relocations and effort to coordinate with both the utility owners and property owners went beyond a typical project. Multiple conversations and iterations for the final layout were required to accommodate the project needs with a design that met the adjacent property owners' satisfaction.



- Precast concrete arch bid alternate: A bid alternate was carried in the drawings and the spec book to bid both the standard rigid frame and an arch-profile structure as desired by the Town/Village and required by the County.

We've identified this effort equates to approximately \$4,500 in B&L effort beyond the original scope of the project and we respectfully request that you approve a supplement to accommodate this time.

This proposed supplement as presented in the included attachments include the proposed CA/CI phase as well as the engineering supplement.

Should you have any questions, please call me at (315) 457-5200.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

Matthew J. Schooley, P.E.
Principal

MJS/jjb
Attachments

cc: Sandra Lusher – NYSDOT Region 3 RLPL

**Architectural/ Engineering
Consultant Agreement**

Supplemental Agreement No. 1

PIN (s) 3756.59

Municipal Contract No. _____

Agreement made this _____ day of _____, _____ by and between

TOWN OF ULYSSES

(the "**Municipality**")

having its principal office at **10 Elm Street, Trumansburg, New York 14886** (the "Municipality")

and

BARTON & LOGUIDICE, D.P.C.

with its office at **443 Electronics Parkway, Liverpool, New York 13088**

(the "**Consultant**")

WITNESSETH:

WHEREAS, in connection with a federal-aid project funded through the New York State Department of Transportation ("NYSDOT") identified for the purposes of this agreement as **Cemetery Road over Trumansburg Creek Bridge Replacement** (as described in detail in Attachment A annexed hereto, the "Project") the Municipality has sought to engage the services of a Consultant Engineer) to perform the scope of services described in Attachment "B" of the original agreement as annexed hereto; and

WHEREAS, in accordance with required consultant selection procedures, including applicable requirements of NYSDOT and/or the Federal Highway Administration ("FHWA") the Municipality has selected the Consultant to perform such services in accordance with the requirements of this Agreement; and

WHEREAS, _____, is authorized to enter this Agreement on behalf of the Municipality,

NOW, THEREFORE, the parties hereto agree as follows:

ARTICLE 1. DOCUMENTS FORMING THIS AGREEMENT

This agreement consists of the following:

- Agreement Form - this document titled "Architectural/Engineering Consultant Agreement";
- Attachment "A" - Project Description and Funding;
- Attachment "B" – Scope of Services;
- Attachment "C" - as applicable, Staffing Rates, Hours, Reimbursables and Fee.

ARTICLE 2. SCOPE OF SERVICES/STANDARD PRACTICES AND REQUIREMENTS.

2.1 The CONSULTANT shall render all services and furnish all materials and equipment necessary to provide the Municipality with plans, estimates and other services and deliverables more specifically described in Attachment "B" of the original agreement as supplemented by Attachment "B" herein.

2.2 The CONSULTANT shall ascertain the applicable practices of the Municipality, NYSDOT and/or FHWA prior to beginning any of the work of this PROJECT. All work required under this Agreement shall be performed in accordance with these practices, sound engineering standards, practices and criteria, and any special requirements, more particularly described in Attachment "B".

2.3 Except as herein modified, the Original Agreement dated August 12, 2019, including any amendments or revisions thereto not modified herein, remains in full force and effect.

2.4 The CONSULTANT will commence work no later than ten (10) days after receiving notice to proceed from the Municipality.

ARTICLE 3. COMPENSATION METHODS, RATES AND PAYMENT

3.1 As full compensation for Consultant 's work, services and expenses hereunder the Municipality shall pay to the CONSULTANT, and the CONSULTANT agrees to accept compensation based the methods designated and described below. Payment of the compensation shall be in accordance with the Interim Payment procedures shown in the table and the final payment procedure in Article 6.

3.2 For services rendered pursuant to this combined Supplement, the CONSULTANT shall be paid on a Cost Plus Fixed Fee Method, as described in Section 3.1 of the original agreement, with an amount not to exceed **\$136,700**.

3.3 The revised maximum amount payable shall be increased to **\$293,500** as shown on Attachment A. Direct Technical Salaries for 2021 shall not exceed the maximums shown in Exhibit A of Attachment C unless approved in writing by the Municipality. The overhead allowance shall be in accordance with the terms of the original agreement, at **1.75%** for Office and **1.27%** for field, in all events not to exceed a revised maximum of **1.85%** and is subject to audit. The fixed fee for these supplemental services will be **\$10,100**.

IN WITNESS WHEREOF, the parties have duly executed this Agreement effective the day and year first above written.

Reference: Municipality Contract Supplemental Agreement #1

Municipality TOWN OF ULYSSES	Consultant BARTON & LOGUIDICE, D.P.C.
by: _____	by: _____
Date:	Date:

STATE OF NEW YORK

ss:

COUNTY OF _____

On this _____ day of _____, 20____ before me, the subscriber, personally appeared to me known, who, being by me duly sworn, did depose and say; that he/she resides in the _____, New York; that he/she is the _____ of _____, New York, the corporation described in and which executed the foregoing instrument; that he/she is the authorized with the execution of the matter herein provided for, and that he/she signed and acknowledged the said instrument in his/her position as a duly authorized representative of County.

Notary Public, _____ County, N.Y.

STATE OF NEW YORK)
COUNTY OF ONONDAGA)

On this _____ day of _____, 20____, before me personally came *Matthew J Schooley* to me known, who being by me duly sworn, did depose and say that he resides in the *Town of Aurelius, New York*; that he is the *Principal*, of the corporation described in and which executed the above instrument; that he is the authorized with the execution of the matter herein provided for, and that he signed and acknowledged the said instrument in his position as a duly authorized representative of the corporation.

Notary Public, *Onondaga* County, NY

ATTACHMENT A

Project Description and Funding

Attachment A
Architectural/ Engineering Consultant Agreement
Project Description and Funding

PIN: 3756.59
BIN: 3210360

Main Agreement Amendment to Agreement [add identifying #]

Supplement to Agreement No. 1

Phase of Project Consultant to work on:

P.E./Design ROW Incidentals ROW Acquisition Construction, C/I, & C/S

Dates or term of Consultant Performance:

Start Date: July 1, 2021

Finish Date: December 31, 2021

PROJECT DESCRIPTION:

Cemetery Road over Trumansburg Creek Bridge Replacement

Project Location:

**Town of Ulysses
Tompkins County**

Consultant Work Type(s): See Attachment B for more detailed Task List.

MAXIMUM AMOUNT OF FUNDS FOR ALL COMPENSATION PAYABLE UNDER THIS AGREEMENT FOR THE SCOPE OF WORK DESCRIBED IN ATTACHMENT B FOR THE PROJECT DESCRIBED IN THIS ATTACHMENT A, OTHERWISE IN ACCORDANCE WITH THE CHOSEN METHOD OF COMPENSATION AND OTHER TERMS OF THIS AGREEMENT:

Original MAP:	\$152,000
Supplemental Agreement #1:	<u>\$141,500</u>
Revised Maximum Amount Payable:	\$293,500

Footnotes:

ATTACHMENT B

Scope of Services

SUPPLEMENTAL SCOPE OF SERVICES

CONSTRUCTION PHASE SERVICES

Cemetery Road over Trumansburg Creek Bridge Replacement

BIN 3210360

PIN 3756.59

June 2021

Section 9 - Construction Inspection

9.01 Equipment

The **Contractor** will furnish office space and basic office furnishings for the **Consultant**, as part of the contract.

The **Consultant** will furnish all other office, field and field laboratory supplies and equipment required to properly perform the inspection services listed below.

9.02 Inspection

The **Consultant** must provide, to the satisfaction of the **Municipality**, contract administration and construction inspection services from such time as directed to proceed until the completion of the final agreement and issuance of final payment for the contract. The **Consultant** must assume responsibility, as appropriate, for the administration of the contract including maintaining complete project records, processing payments, performing detailed inspection work and on-site field tests of all materials and items of work incorporated into the contract consistent with federal policies and the specifications and plans applicable to the project.

9.03 Municipal Project Engineer

The **Municipality** will assign a Project Engineer to the contract covered by this agreement. This Project Engineer will be the **Municipal's** official representative on the contract and the **Consultant** must report to and be directly responsible to said Project Engineer.

9.04 Ethics

Prior to the start of work, the **Consultant** will submit to the **Municipality** a statement regarding conflicts of interest.

9.05 Health and Safety Requirements

The **Consultant** must provide all necessary health and safety related training, supervision, equipment and programs for their inspection staff assigned to the project.

9.06 Staff Qualifications and Training

The **Consultant** must provide sufficient trained personnel to adequately and competently perform the requirements of this agreement. The **Consultant** will recommend inspectors to the Sponsor for approval prior to their assignment to the project. Resumes, proof of required certification and the proposed initial salary shall be furnished. The Sponsor may want to interview before approval, and reserves the right to disapprove any application. The employment of all consultant personnel is conditional, subject to satisfactory performance, as determined by the Sponsor.

For all construction inspection agreements, it is mandatory that all technician personnel be identified by the National Institute for Certification in Engineering Technologies (NICET) certification levels in the staffing tables. In addition, all Transportation Engineering Technicians-Construction assigned to the project at and above level III, Engineering and Senior Engineering Technicians, must be certified by NICET. Transportation Engineering Technicians-Construction below level III assigned to the project must have successfully completed the General Work Element requirements and at least those Special Work Elements which apply to their specific project assignments at the level of their rating.

In lieu of the NICET certification requirements, the Sponsor may accept evidence that the person proposed for employment (1) has satisfactorily performed similar duties as a former NYS Department of Transportation (NYSDOT) employee or (2) has a combination of education and appropriate experience commensurate with the scope of the position in question.

Technicians employed by the **consultant** that perform field inspection of Portland cement concrete shall possess a current certification from the American Concrete Institute (ACI) as a Concrete field-testing Technician-Grade 1, or have completed all of the following NICET work elements, which are equivalent to the ACI certification:

NICET LEVEL	NICET CODE	NICET WORK ELEMENT
I	82019	Sample Fresh Concrete
I	82020	Slump Test
II	84068	Air Content, Pressure
II	84069	Air Content, Gravimetric
II	84070	Air Content, Volumetric
II	84076	Field Prepared Test Specimens

Inspectors designated as the responsible person in charge of work zone traffic control must have sufficient classroom training, or a combination of classroom training and experience, to develop needed knowledge and skills. Acceptable training should consist of a formal course presented by a recognized training program which includes at least two full days of classroom training. A minimum of two days classroom training is normally required, although one day of classroom training plus responsible experience may be considered. Recognized training providers include American Traffic Safety Services Association (ATSSA), National Safety Council (NSC), Federal Highway Administration’s National Highway Institute (FHWA-NHI), and accredited colleges and universities with advanced degree programs in Civil/Transportation/Traffic Engineering. Former DOT employees may be considered on the basis of at least one day of formal classroom training combined with responsible M&PT experience.

Technicians employed by the **consultant** who perform field inspection of geotechnical construction (earthwork), including, but not limited to embankment construction, subbase placement, structure and culvert backfill placement, and testing of earthwork items for in-place density and/or gradation, shall possess a current certification and/or proof of training from the following organization:

North East Transportation Technician Certification Program (NETTCP) Soils and Aggregate Inspector Certification. An alternative to the certification/training listed above would be proof of previous training (within the past 5 years) of the NYSDOT Earthwork Inspectors School, given by the Department’s Geotechnical Engineering Bureau.

9.07 Scope of Services/Performance Requirements

- Quality

The Consultant will enforce the specifications and identify in a timely manner to the **Municipality** local conditions, methods of construction, errors on the plans or defects in the work or materials which would conflict with the quality of work, and conflict with the successful completion of the project.

- Record Keeping & Payments to the Contractor

All records must be kept in accordance with the NYSDOT Manual for Uniform Record Keeping as well as any requirements required by the **Municipality**. The **Consultant** must take all measurements and collect all other pertinent information necessary to prepare daily inspection reports, monthly and final estimates, survey notes, record plans showing all changes from contract plans, photographs of various phases of construction, and other pertinent data, records and reports for proper completion of records of the contract to ensure that the Contractor complies with the Contract Plans and Specifications.

Any record plans, engineering data, survey notes or other data provided by the **Municipality** should be returned to the **Municipality** at the completion of the contract. Original tracings of record plans, maps, engineering data, the final estimate and any other engineering data produced by the **Consultant** will bear the endorsement of the **Consultant**. Any documents that require an appropriate review and approval of a Professional Engineer (P.E.) licensed and registered to practice in New York State must be signed by the P.E.

Unless otherwise modified by this agreement, the **Consultant** will check, and when acceptable, approve all structural shop drawings.

The **Consultant** must submit the final estimate of the contract to the **Municipality** within four (4) weeks after the date of acceptance of the contract. All project records must be cataloged, indexed, packaged, and delivered to the **Municipality** within five (5) weeks after the date of the acceptance of the contract.

- Health & Safety/Maintenance and Protection of Traffic

1. The **Consultant** must ensure that all inspection staff assigned to the project are knowledgeable concerning the health and safety requirements of the contract per **Municipality** policy, procedures and specifications and adhere to all standards. Individual inspectors must be instructed relative to the safety concerns for construction operations they are assigned to inspect to protect their personal safety, and to ensure they are prepared to recognize and address any contractor oversight or disregard of project safety requirements.
2. The **Consultant** is responsible for monitoring the Contractor's and Subcontractor's efforts to maintain traffic and protect the public from damage to person and property within the limits of, and for the duration of the contract.

- Monitoring Equal Opportunity/Labor Requirements

The **Consultant** must assign to one individual the responsibility of monitoring the Contractor's adherence to Equal Opportunity and Labor requirements contained in the contract. When monitoring the Contractor's Equal Opportunity and Labor compliance, the Consultant, will utilize the guidance contained in the contract, standard specifications and the **Sponsor's** policies. The Consultant is also to input required disadvantaged business enterprise (DBE) information into the NYSDOT maintained Equitable Business Opportunities (EBO) database.

<https://www.dot.ny.gov/dotapp/ebo>

Section 10 – Estimating & Technical Assumptions – PIN 3756.59

10.01 Estimating Assumptions (Barton & Loguidice, D.P.C.)

Section 9 Estimate construction will be for a 16-week duration.

Estimated Staffing Hours						
		PRN	ME	CM	PE	SET
9.01	Equipment (Hours incorporated in other tasks)					
9.02	Inspection	See Staffing Table				
9.03	Construction Manager reporting progress (Hours incorporated in other tasks)					
9.04	Ethics (Hours incorporated in other tasks)					
9.05	Health & Safety Requirements (Hours incorporated in other tasks)					
9.06	Staff qualifications/training (Hours incorporated in other tasks)					
9.07	Scope of services/performance requirements					
	Quality	4				
	Progress payments/record keeping (1 payment/month)	2		4		
	As-Built plans/closeout			32		8
	Shop Drawing Review				40	
Total		6		36	40	8

Construction Inspection will include but not be limited to:

- Providing on-site construction inspection and oversight to ensure the quality of construction and conformity with the final plans and specifications.
- Project documentation.
- Preparation of progress payments.
- Development of as-built plans.

Estimate construction will begin on August 1, 2021 and will be completed by November 26, 2021.

Note: Refer to staffing table for miscellaneous hours required for support staff.

ATTACHMENT C

Staffing Rates, Hours, Reimbursables, and Fee

Exhibit A, Page 1
Barton & Loguidice, D.P.C.
Salary Schedule

JOB TITLE	ASCE (A) OR NICET (N) GRADE		AVERAGE HOURLY RATES PRESENT 2021	MAXIMUM HOURLY RATES 2021
	Principal	IX	(A)	\$ 81.50
Senior Vice President	IX	(A)	\$ 81.50	\$ 81.50
Vice President	IX	(A)	\$ 77.01	\$ 81.50
Senior Associate	VIII	(A)	\$ 67.93	\$ 73.00
Associate	VIII	(A)	\$ 67.44	\$ 69.80
Senior Managing Landscape Architect	VII	(A)	\$ 62.17	\$ 75.40
Senior Managing Engineer	VII	(A)	\$ 60.46	\$ 72.00
Senior Project Manager	VII	(A)	\$ 60.34	\$ 71.70
Chief Engineer	VII	(A)	\$ 54.40	\$ 68.00
Senior Managing Hydrogeologist	VII	(A)	\$ 57.75	\$ 62.50
Senior Managing Environmental Scientist	VII	(A)	\$ 53.00	\$ 53.00
Senior Managing Industrial Hygienist	VII	(A)	\$ 51.00	\$ 51.00
Managing Engineer	VI	(A)	\$ 52.86	\$ 72.30
Lead Asset Management Specialist	VI	(A)	\$ 62.55	\$ 62.55
Managing Landscape Architect	VI	(A)	\$ 51.47	\$ 59.70
Project Manager	VI	(A)	\$ 49.02	\$ 52.00
Lead Engineer	VI	(A)	\$ 49.21	\$ 51.85
Managing Community Planner	VI	(A)	\$ 50.40	\$ 50.40
Lead Environmental Scientist	VI	(A)	\$ 45.00	\$ 50.00
Managing Hydrogeologist	VI	(A)	\$ 47.98	\$ 49.45
Construction Manager	VI	(A)	\$ 44.00	\$ 44.00
Senior Staff Engineer	VI	(A)	\$ 39.00	\$ 41.50
Senior Managing Community Planner	V	(A)	\$ 55.70	\$ 55.70
Senior Construction Manager	V	(A)	\$ 54.00	\$ 54.00
Senior Project Engineer	V	(A)	\$ 44.73	\$ 53.00
Senior Project Landscape Architect	V	(A)	\$ 37.25	\$ 39.80
Senior Project Community Planner	V	(A)	\$ 33.35	\$ 33.50
Staff Intern Architect	IV	(A)	\$ 42.00	\$ 42.00
Project Engineer	IV	(A)	\$ 38.58	\$ 41.60
Project Architect	IV	(A)	\$ 39.75	\$ 39.75
Senior Staff Environmental Scientist	IV	(A)	\$ 38.75	\$ 39.00
Senior Land Surveyor	IV	(A)	\$ 37.50	\$ 38.00
Staff Engineer	IV	(A)	\$ 36.50	\$ 37.70
Project Industrial Hygienist	IV	(A)	\$ 33.40	\$ 33.40
Crew Chief	IV	(A)	\$ 28.75	\$ 32.50
Staff Industrial Hygienist	IV	(A)	\$ 31.70	\$ 31.70
Staff Field Scientist	IV	(A)	\$ 30.70	\$ 30.70
Staff Environmental Scientist	IV	(A)	\$ 25.80	\$ 26.60
Engineer III	III	(A)	\$ 36.51	\$ 41.60
Project Environmental Scientist	III	(A)	\$ 33.40	\$ 33.40
Intern Architect III	III	(A)	\$ 30.50	\$ 30.50
Asset Management Specialist I	III	(A)	\$ 29.65	\$ 29.65
Staff Hydrogeologist	III	(A)	\$ 26.50	\$ 26.50
Environmental Scientist III	III	(A)	\$ 25.00	\$ 25.00
Hydrogeologist III	III	(A)	\$ 24.75	\$ 24.75
Staff Assistant Landscape Architect	III	(A)	\$ 28.20	\$ 28.20
Engineering Designer II	II	(A)	\$ 46.75	\$ 52.00
Engineer II	II	(A)	\$ 33.41	\$ 42.00
Community Planner II	II	(A)	\$ 27.35	\$ 27.90
Hydrogeologist II	II	(A)	\$ 23.78	\$ 25.50
Environmental Scientist II	II	(A)	\$ 22.53	\$ 23.20
Engineering Designer I	I	(A)	\$ 42.00	\$ 42.00
Engineer I	I	(A)	\$ 30.76	\$ 31.75
Community Planner I	I	(A)	\$ 25.00	\$ 25.00
Assistant Landscape Architect I	i	(A)	\$ 23.50	\$ 23.50
Environmental Scientist I	i	(A)	\$ 21.20	\$ 22.00
Resident Engineer	IV	(N)	\$ 42.00	\$ 54.00
Senior Engineering Technician	IV	(N)	\$ 38.08	\$ 39.40
Senior Asset Management Technician	IV	(N)	\$ 36.00	\$ 36.00
Senior Inspector	III	(N)	\$ 34.28	\$ 43.00
Senior CAD Technician	III	(N)	\$ 25.50	\$ 25.50
Engineering Technician	II	(N)	\$ 30.00	\$ 30.00
GIS Analyst II	II	(N)	\$ 24.00	\$ 24.00
Inspector	I	(N)	\$ 30.50	\$ 30.50
Instrument Operator	i	(N)	\$ 20.88	\$ 21.00
Industrial Hygienist I	I	(N)	\$ 17.50	\$ 17.50
Contract Specialist	N/A		\$ 32.31	\$ 38.00
Engineering Aide	N/A		\$ 31.50	\$ 31.50
Senior Group Technical Assistant	N/A		\$ 24.93	\$ 28.30
Group Technical Assistant	N/A		\$ 19.20	\$ 25.10
Intern	N/A		\$ 15.06	\$ 15.50

OVERTIME POLICY

Category A - No overtime compensation

Category B - Overtime compensated at straight time rate

Category C - Overtime compensated at straight time rate x 1.50

Overtime applies to hours worked in excess of the normal working hours of 40 hours per week.

Exhibit A, Page 2
 Staffing Table - Construction Administration and Inspection

Cemetery Road over Trumansburg Creek Bridge Replacement - CA/CI
 PIN 3756.59; BIN 3210360

JOB TITLE	ASCE (A) OR NICET (N) GRADE	9.01 & 9.02												9.03		TOTAL HOURS	PROJ'D HOURLY RATE	DIRECT TECHNICAL LABOR	PROJ'D O'TIME HOURS	DIRECT O'TIME PREM.	DIRECT TECHNICAL O'TIME											
		Jan '19	Feb '19	March '19	April '19	May '19	June '19	July '19	Aug '19	Sept '19	Oct. '19	Nov. '19	Dec. '19	Total	9.07																	
		Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT	Reg. OT																	
Principal	IX														0	0	6	6	\$81.50	\$489.00												
Senior Vice President	IX														0	0		0	\$81.50	\$0.00												
Vice President	IX														0	0		0	\$77.01	\$0.00												
Associate	VIII														0	0		0	\$67.44	\$0.00												
Senior Managing Engineer	VII														0	0		0	\$60.46	\$0.00												
Managing Engineer	VI														0	0		0	\$52.86	\$0.00												
Construction Manager	VI														8	16	16	16	16	16	24	96	0	36	132	\$44.00	\$5,808.00					
Senior Project Engineer	V														0	0		0	\$44.73	\$0.00												
Project Engineer	IV														0	0		40	\$38.58	\$1,543.20												
Project Environmental Scientist	III														0	0		0	\$33.40	\$0.00												
Environmental Scientist III	III														0	0		0	\$25.00	\$0.00												
Engineer III	III														0	0		0	\$36.51	\$0.00												
Engineer II	II														0	0		0	\$33.41	\$0.00												
Engineer I	I														0	0		0	\$30.76	\$0.00												
Resident Engineer	IV														8	176	16	176	16	176	16	176	16	8	720	64	784	\$42.00	\$32,928.00	64	\$21.00	\$1,344.00
Senior Engineering Technician	IV														0	0		8	\$38.08	\$304.64												
Project Industrial Hygienist	IV														0	0		0	\$33.40	\$0.00												
Senior Inspector	III														0	0		0	\$34.28	\$0.00												
Engineering Aide	N/A														0	0		0	\$31.50	\$0.00												
Senior Group Technical Assistant	N/A														0	0		2	\$24.93	\$49.86												
TOTAL		0	0	0	0	0	0	0	0	0	0	16	0	192	16	192	16	192	16	192	16	32	0			92	972		\$41,122.70		\$1,344.00	

Exhibit B, Page 1
Estimate of Direct Non-Salary Cost

Cemetery Road over Trumansburg Creek Bridge Replacement - CA/CI
PIN 3756.59; BIN 3210360

Construction Inspection & Administration

1. Travel, Lodging and Subsistence

Trips to	trips	miles per					
Site/Town (by EIC)	120	5	miles/trip	600			
Misc. (by CM)	12	150	miles/trip	1800			
		Total Mileage		2400	@	\$0.575	\$1,380.00

TOTAL TRAVEL, LODGING, & SUBSISTENCE \$1,380

2. Reproduction, Drawings & Report

	each	sheets/set	sets		
Reports					
Daily Inspection	0.05	140	2	\$14.00	
Miscellaneous	0.05	400	1	20.00	
Plans/Cross-Sections					
As-Built Drawings	1.00	34	3	102.00	

TOTAL DRAWING, REPORT, REPRODUCTION \$136

3. Mail, Postage & Shipping \$100

4. Appia License (1 @ \$1900 each) \$1,900

5. Plant Fabrication Inspection - Precast (estimated) \$15,000

6. Part Time Inspector/ QA/QC \$0

7. QA/QC Field Compaction/Concrete Testing (subcontracted, estimated) \$10,000

TOTAL DIRECT NON - SALARY COST \$28,520

Exhibit C
Supplemental Scope Summary

Cemetery Road over Trumansburg Creek Bridge Replacement - CA/CI
PIN 3756.59; BIN 3210360

	Supplemental Design		CA/CI - 09
	<u>TOTAL</u>		<u>TOTAL</u>
	.121 Phase		.321 Phase
Item IA, Direct Technical Salaries (estimated) subject to audit	\$ 1,500.00	\$	8,194.70 office
		\$	32,928.00 field
Item IB, Direct Technical Salaries Premium Portion of overtime subject to audit (estimate)	\$ -	\$	1,344.00
Item II, Direct Non-Salary Cost (estimated) subject to audit	\$ -	\$	3,520.00
Item II Direct Non-Salary Cost (estimated) subject to audit (Sub-Contractor Cost)	\$ -	\$	10,000.00
Item III, Overhead (estimated) subject to audit			
office rate 1.75 %	\$ 2,625.00	\$	14,340.73 office
field rate 1.27 %		\$	41,818.56 field
Item IV, Fixed Fee (negotiated)	\$ 400.00	\$	9,700.00
Item II Direct Non-Salary Cost (estimated) subject to audit (Subconsultant Cost)	\$ -	\$	15,000.00
TOTAL ESTIMATED PROJECT COST	\$ 4,525.00	\$	136,845.99
Maximum Amount Payable - Supplemental Agreement No. 1	\$ 4,600.00	\$	136,900.00
Previous Maximum Amount Payable	\$ 152,000.00		
Revised Maximum Amount Payable (Proposed)	\$ 156,600.00	\$	136,900.00
TOTAL AMOUNT DESIGN & CI		\$	293,500.00