			DRAFT						
Municipality Lake County Division of Transportation	L O C	Illinois Department of Transportation	C O	Name Christopher B. Burke Engineering, Ltd					
Township	A L	Preliminary/Construction	N S U	Address 9575 W Higgins Road, Suite 600					
County Lake County Div. of Transportation	A G E	Engineering Services Agreement For	L T A	City Rosemont					
Section 12-00999-31-WR	C Y	Non-Motor Fuel Tax Funds	T	State IL 60018					

THIS AGREEMENT is made and entered into this ______ day of _____, 2021 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above PROJECT. Non-Motor Fuel Tax Funds, allotted to the LA by the State of Illinois under the general supervision of in coordination with the State Department of Transportation, hereinafter called the "DEPARTMENT", will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:

Regional Engineer	Deputy Director Division of Highways, Regional Engineer, Department of Transportation
Resident Construction Supervisor	Authorized representative of the LA in immediate charge of the engineering details of the PROJECT
Contractor	Company or Companies to which the construction contract was awarded

Name IL120 Widen. & Resurf. Route IL 120 Length .31 miles Structure No.

Termini Knight Avenue to IL Route 131

Description

This work consists of HMA Widening of Illinois Route 120 from 4 to 5 lanes, nonmotorized travel and ADA curb ramp improvements, Class D Patching, resurfacing of adjacent roadway, storm sewer installation, thermoplastic pavement markings, traffic signal work, and other related items.

Agreement Provisions

The Engineer Agrees,

- 1. To perform or be responsible for the performance of the following engineering services for the LA in connection with the proposed improvement herein before described, and checked below:
 - a. A Make such detailed surveys as are necessary for the preparation of detailed roadway plans.
 - b. Make stream and flood plain hydraulic surveys and gather high water data and flood histories for the preparation of detailed bridge plans.
 - c. A Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.
 - d. A Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.

- e. Prepare Army Corps of Engineers Permit, Division of Water Resources Permit, Bridge waterway sketch and/or Channel Change sketch, Utility plan and locations and Railroad Crossing work agreements.
- f. Prepare Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
- NOTE Four copies to be submitted to the Regional Engineer
- g. A Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all documents, if required shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.
- h. Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.
- i. Assist the LA in the receipt and evaluation of proposals and the awarding of the construction contract.
- j. Furnish or cause to be furnished:
 - (1) Proportioning and testing of concrete mixtures in accordance with the "Manual of Instructions for Concrete Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT and promptly submit reports on forms prepared by said Bureau.
 - (2) Proportioning and testing of bituminous mixtures (including extracting test) in accordance with the "Manual of Instructions for Bituminous Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT, and promptly submit reports on forms prepared by said Bureau.
 - (3) All compaction tests as required by the specifications and report promptly the same on forms prepared by the Bureau of Materials and Physical Research.
 - (4) Quality and sieve analyses on local aggregates to see that they comply with the specifications contained in the contract.
 - (5) Inspection of all materials when inspection is not provided at the sources by the Bureau of Materials and Physical Research, of the DEPARTMENT and submit inspection reports to the LA and the DEPARTMENT in accordance with the policies of the said DEPARTMENT.
- k. \square Furnish or cause to be furnished
 - (1) A resident construction supervisor, inspectors, and other technical personnel to perform the following work: (The number of such inspectors and other technical personnel required shall be subject to the approval of the LA.)
 - a. Continuous observation of the work and the contractor's operations for compliance with the plans and specifications as construction proceeds, but the ENGINEER does not guarantee the performance of the contract by the contractor.
 - b. Establishment and setting spot checking of lines and grades.
 - c. Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.
 - d. Supervision of inspectors, proportioning engineers and other technical personnel and the taking and submitting of material samples.
 - e. Revision of contract drawings to reflect as built conditions.
 - f. Preparation and submission to the LA in the required form and number of copies, all partial and final payment estimates, change orders, records and reports required by the LA and the DEPARTMENT.
 - g. At least one DECI-certified employee available for erosion control inspection duties
- NOTE: When Federal funds are used for construction and the ENGINEER or the ENGINEER's assigned staff is named as resident construction supervisor, the ENGINEER is required to be prequalified with the STATE in Construction Inspection. The onsite resident construction supervisor and project inspectors shall possess valid Documentation of Contract Quantities certification.

- 2. That all reports, plans, plats and special provisions construction documentation to be furnished by the ENGINEER pursuant to this agreement will be in accordance with the current standard specifications and policies of the DEPARTMENT & the LA, it being understood that all such reports, plats, plans and drafts construction documentation shall before being finally accepted, be subject to approval by the LA and the said DEPARTMENT.
- 3. To attend conferences at any reasonable time when requested to do so by the LA or representatives of the DEPARTMENT.
- 4. In the event plans, surveys or construction staking are found to be in error during the construction of the PROJECT and revisions of the plans or survey or construction staking corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the contractor.
- 5. The basic survey notes and sketches, charts, computations and other data prepared or obtained by the ENGINEER pursuant to this agreement will be made available upon request to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
- 6. To make such changes in working plans, including all necessary preliminary surveys and investigations, as may be required after the award of the construction contract and during the construction of the improvement.
- 7. That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.
- 8. To submit, upon request by the LA or the DEPARTMENT a list of the personnel and the equipment he/she proposes to use in fulfilling the requirements of this AGREEMENT.

The LA Agrees,

- 1. To pay the Engineer as compensation for all services performed as stipulated in paragraphs 1a, 1g, 1i, 2, 3, 5 and 6 in accordance with one of the following methods indicated by a check mark:
 - a A sum of money equal to ______ percent of the awarded contract cost of the proposed improvement as approved by the DEPARTMENT.
 - b. A sum of money equal to the percentage of the awarded contract cost for the proposed improvement as approved by the DEPARTMENT based on the following schedule:

Schedule for Percentages Based on Awarded Contract Cost

Awarded Cost	Percentage F	ees
Under \$50,000		(see note)
		%
		%
		%
		%
		%

Note: Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1e, 1f, 1h, 1j and 1k of THE ENGINEER AGREES at the hourly rates stipulated below for personnel assigned to this PROJECT as payment in full to the ENGINEER for the actual time spent in providing these services the hourly rates to include profit, overhead, readiness to serve, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under paragraphs 1b, 1c, 1d, 1e, 1f, 1j and 1k of THE ENGINEER AGREES. If the ENGINEER sublets all or a part of this work, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge. "Cost to ENGINEER" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm including the Principal Engineer perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.

Grade Classification of Employee	Hourly Rate
ENG V (K. Wilson)	\$66.83
ENG V (J. HEINZ) ENG IV (K. Betke)	\$66.83
ENVIRO SPEC. III (K. Hansen)	\$41.00

The hourly rates itemized above shall be effective the date the parties, hereunto entering this AGREEMENT, have affixed their hands and seals and shall remain in effect until 12/31/2021. In event the services of the ENGINEER extend beyond 12/31/2021, the hourly rates will be adjusted yearly by addendum to this AGREEMENT to compensate for increases or decreases in the salary structure of the ENGINEER that are in effect at that time.

The Total Not-to-Exceed Contract Amount shall be \$186,525.07 as shown on the attached Exhibit A – Construction Engineering (Cost Estimate of Consultant Services)

- 3. That payments due the ENGINEER for services rendered pursuant to this AGREEMENT will be made as soon as practicable after the services have been performed. in accordance with the following schedule:
 - a. Upon completion of detailed plans, special provisions, proposals and estimate of cost being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee based on the above fee schedule and the approved estimate of cost.
 - b. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee (excluding any fees paragraphs 1j and 1k of the ENGINEER AGREES), based on the above fee schedule and the awarded contract cost, less any previous payment.
 - c. Upon completion of the construction of the improvement, 90 percent of the fee due for services stipulated in paragraphs 1j and 1k.
 - d. Upon completion of all final reports required by the LA and the DEPARTMENT and acceptance of the improvement by the DEPARTMENT, 100 percent of the total fees due under this AGREEMENT, less any amounts previously paid.

By mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the work progresses.

"actual cost" being defined as material costs plus actual payrolls, insurance, social security and retirement deductions and profit. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost.

5. That should the LA require changes in any of the detailed plans, specifications or estimates (except for those required pursuant to paragraph 4 of THE ENGINEER AGREES) after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus *see percent to cover profit, overhead CECS

and readiness to serve - "actual cost" being defined as in paragraph 4 above. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans.

- 6. That should the LA extend completion of the improvement beyond the time limit given in the contract, the LA will pay the ENGINEER, in addition to the fees provided herein, his actual cost incurred beyond such time limit "actual cost" being defined as in paragraph 4 above.
- 7. To submit approved forms BC 775 and BC 776 with this AGREEMENT when federal funds are used for construction.

It is Mutually Agreed,

- That any difference between the ENGINEER and the LA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
- 2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all drawings, specifications, partial and completed estimates and data if any from traffic studies and soil survey and subsurface investigations construction documentation with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
- That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under the AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.
- 4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty the LA shall have the right to annul this contract without liability.

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed in quadru-triplicate counterparts, each of which shall be considered as an original by their duly authorized offices.

Executed by the LA:		County of Lake (Municipality/Township/County) State of Illinois, acting by and through its							
Ву		County Board	,						
Lake County	Clerk	Ву							
(Seal)		Title: Chair of the County Board							
		RECOMMENDED FOR EXECUTION							
		Shane E. Schneider, P.E. Director of Transportation/ County Engineer Lake County							
Executed by the ENGINEER:		Christopher B. Burke Engineering, Ltd.							
		9575 W Higgins Road, Suite 600, Rosemont, IL 60018	3						
ATTEST:									
Ву		Michael Kerr, PE							
Title:		Title: President							
Printed 12/22/2020	Page 5 of 6	BLR 05512 (Rev. 0	1/10/12)						

COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

Christopher B. Burke Engineering, Ltd. Lake County Div of Trans

12-00999-31-WR

IL120 Widen and Resurf

FIRM Local Agency Section Project Job No:

OVERHEAD RATE **COMPLEXITY FACTOR**

Cost Plus Fixed Fee 2

DBE				OVERHEAD			Outside	SERVICES		
	ITEM	MANULOUDC	DAVDOLL	OVERITEAD	DIDECT		Direct	BY	DDE	TOTAL
DROP	I I EW	WANHOURS	PATROLL	Č.	DIRECT	FIXED	Direct	ВТ	DBE	TOTAL
вох				FRINGE BENF	COSTS	FEE	Costs	OTHERS	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(B-G)
	Pre-Construction	42	2,383.26	3,154.48		794.82				6,332.56
	Utility Coordination	40	2,249.60	2,977.57		750.24				5,977.41
	Public Outreach	40	2,249.60	2,977.57		750.24				5,977.41
	Construction Observaton	980	54,717.40	72,423.95	5,720.00	19,077.65				151,939.00
	Record Drawings	20	1,124.80	1,488.79		375.12				2,988.71
	Post-Construction	82	4,632.86	6,132.05		1,545.06				12,309.97
	Testing Services by Others (MSL Retainer)		0.00	0.00		0.00		1,000.00		1,000.00
	Subconsultant DL									0.00
	TOTALS	1204	67,357.52	89,154.41	5,720.00	23,293.13	0.00	1,000.00	0.00	186,525.07

DBE

PREPARED BY THE AGREEMENTS UNIT

DF-824-039 DATEREV 12/04

132.36% 0

14.50% [(2.3 +R) DL + IHDC]

DF-824-039 REV 12/04

AVERAGE HOURLY PROJECT RATES

FIRM	Christopher B. Burke Engineering	g, Ltd.				
Local Agency	Lake County Div of Trans					
Section	12-00999-31-WR	DATE	12/21/20			
Project	IL120 Widen and Resurf	· · · · · · · · · · · · · · · · · · ·				
Job No:	0	SHEET	1	OF	5	
		-		-		

PAYROLL	AVG	TOTAL PROJECT RATES	3		Pre-Construction			Utility Coordination		Public Outreach			Construction Observaton			Record Drawings			
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
PRINCIPAL	60.00	0																	
ENGINEER VI	70.00	0																	
ENGINEER V	66.83	24	1.99%	1.33	2	4.76%	3.18							20	2.04%	1.36			
ENGINEER IV	56.24	1140	94.68%	53.25	40	95.24%	53.56	40	100.00%	56.24	40	100.00%	56.24	920	93.88%	52.80	20	100.00%	56.24
ENGINEER III	45.95	0																	
ENGINEER I/II	34.03	0																	
SURVEY V	60.00	0																	
SURVEY IV	60.00	0																	
SURVEY III	59.50	0																	
SURVEY II	48.50	0																	
SURVEYI	35.83	0																	
ENGINEERING TECHNICIAN V	60.00	0																	
ENGINEERING TECHNICIAN IV	52.17	0																	
ENGINEERING TECHNICIAN III	48.13	0																	
ENGINEERING TECHNICIAN I/II	22.33	0																	
CAD MANAGER	60.00	0																	
CAD II	47.25	0																	
GIS SPECIALIST III	51.00	0																	
GIS SPECIALIST I/II	34.00	0																	
LANDSCAPE ARCHITECT	58.00	0																	
LANDSCAPE DESIGNER I/II	32.00	0																	
ENVIRONMENTAL RESOURCE SPECIALIST V	60.00	0																	
ENVIRONMENTAL RESOURCE SPECIALIST IV	53.80	0																	
ENVIRONMENTAL RESOURCE SPECIALIST III	41.00	40	3.32%	1.36										40	4.08%	1.67			
ENVIRONMENTAL RESOURCE SPECIALIST I/II	28.00	0																	
ENVIRONMENTAL RESOURCE TECHNICIAN*	40.00	0																	
ADMINISTRATIVE	37.19	0																	
ENGINEERING INTERN	16.10	0																	
TOTALS		1204	100%	\$55.94	42	100.00%	\$56.74	40	100%	\$56.24	40	100%	\$56.24	980	100%	\$55.83	20	100%	\$56.24

DF-824-039 REV 12/04

AVERAGE HOURLY PROJECT RATES

FIRM	Christopher B. Burke Engineerii	ng, Ltd.			
Local Agency	Lake County Div of Trans		DATE	12/21/20	
Section	12-00999-31-WR				
Project	IL120 Widen and Resurf				
Job No:	0		SHEET	2 OF	5
PAYROLL	AVG Post-Construction	Testing Services by Others (N			

	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
PRINCIPAL	60.00																		
ENGINEER VI	70.00																		
ENGINEER V	66.83	2	2.44%	1.63															
ENGINEER IV	56.24	80	97.56%	54.87															
ENGINEER III	45.95																		
ENGINEER I/II	34.03																		
SURVEY V	60.00																		
SURVEY IV	60.00																		
SURVEY III	59.50																		
SURVEY II	48.50																		
SURVEY I	35.83																		
ENGINEERING TEC	60.00																		
ENGINEERING TEC	52.17																		
ENGINEERING TEC	48.13																		
ENGINEERING TEC	22.33																		
CAD MANAGER	60.00																		
CAD II	47.25																		
GIS SPECIALIST III	51.00																		
GIS SPECIALIST I/II	34.00																		
LANDSCAPE ARCH	58.00																		
LANDSCAPE DESIG	32.00																		
ENVIRONMENTAL	60.00																		
ENVIRONMENTAL	53.80																		
ENVIRONMENTAL	41.00																		
ENVIRONMENTAL	28.00																		
ENVIRONMENTAL	40.00																		
ADMINISTRATIVE	37.19																		
ENGINEERING INT	16.10																		
TOTALS		82	100%	\$56.50	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

PAYROLL RATES

FIRM NAME PRIME/SUPPLEMENT

Christopher B. Burke Engineering, L DATE

ESCALATION FACTOR

0.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
PRINCIPAL	\$70.00	\$60.00
ENGINEER VI	\$70.00	\$70.00
ENGINEER V	\$66.83	\$66.83
ENGINEER IV	\$56.24	\$56.24
ENGINEER III	\$45.95	\$45.95
ENGINEER I/II	\$34.03	\$34.03
SURVEY V	\$70.00	\$60.00
SURVEY IV	\$67.50	\$60.00
SURVEY III	\$59.50	\$59.50
SURVEY II	\$48.50	\$48.50
SURVEYI	\$35.83	\$35.83
ENGINEERING TECHNICIAN V	\$68.08	\$60.00
ENGINEERING TECHNICIAN IV	\$52.17	\$52.17
ENGINEERING TECHNICIAN III	\$48.13	\$48.13
ENGINEERING TECHNICIAN I/II	\$22.33	\$22.33
CAD MANAGER	\$63.67	\$60.00
CAD II	\$47.25	\$47.25
GIS SPECIALIST III	\$51.00	\$51.00
GIS SPECIALIST I/II	\$34.00	\$34.00
LANDSCAPE ARCHITECT	\$58.00	\$58.00
LANDSCAPE DESIGNER I/II	\$32.00	\$32.00
ENVIRONMENTAL RESOURCE SPECIALIST V	\$70.00	\$60.00
ENVIRONMENTAL RESOURCE SPECIALIST IV	\$53.80	\$53.80
ENVIRONMENTAL RESOURCE SPECIALIST III	\$41.00	\$41.00
ENVIRONMENTAL RESOURCE SPECIALIST I/II	\$28.00	\$28.00
ENVIRONMENTAL RESOURCE TECHNICIAN*	\$40.00	\$40.00
ADMINISTRATIVE	\$37.19	\$37.19
ENGINEERING INTERN	\$16.10	\$16.10

DF-824-039 REV 12/04

12/21/20

PAYROLL ESCALATION TABLE FIXED RAISES



Subconsultants

Christopher B. Burke Engineering, Ltd. DATE FIRM NAME PRIME/SUPPLEMENT ____

12/21/20

NAME	Direct Labor Total	Contribution to Prime Consultant
L		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
Total	0.00	0.00

		2021											
	Pre-Construction / Utility Coordination			Construction Observation / Public Outreach							Record D Post-Con	Total	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Project Manager			2	2	3	3	3	3	3	3		2	24
Resident Engineer		40	40	40	160	160	160	160	160	80	80	20	1100
Public Outreach Assistant					8	8	8	8	8				40
Environmental Engineer			4	4	4	4	4	4	4	4	4	4	40
		40	46	46	175	175	175	175	175	87	84	26	1204



Local Public Agency Resident Construction Supervisor/ In Responsible Charge



Regional Engineer		
Anthony Quigley		
Department of Transportation		
Address		
201 West Center Court		
City	State	Zip Code
Schaumburg	IL	60196
I recommend the following indiv	vidual as a loc	al nublic agency en

Contract Number	District	Le	tting Date
	1		
Municipality			
Lake County Division	of Trar	sporta	ation
Route		County	
IL 120/Knight to Gree	n Bay	Lake	
Project Number		Job Nu	mber
Section Number			
12-00999-31-WR			

I recommend the following individual as a local public agency employee qualified to be resident construction supervisor and to be in responsible charge of this construction project.

☑ I certify that I am in responsible charge as defined by the department of this construction project. Since the local public agency does not have a local public agency employee qualified to be the resident construction supervisor, I am recommending a consulting engineer to serve as resident construction supervisor.

Signature (for the local public agency) Date

Title	

Applicants Name

Kevin Wilson, PE

The following describes my educational background, experience and other qualifications to be resident construction supervisor of this construction project for the Local Public Agency.

For Consultants:	I certify that my firm is pre-qualified in Cons	truction Inspection.	Documentation of Contract Quantities certificate number
			17-12354

See attached resume.									
Signature of Applicant	Date								
Lel-	12/21/2020								
Job Title of Applicant		-							
Asst. Dept. Head, Construction Engi	Asst. Dept. Head, Construction Engineering								
Based on the above information and my knowledge of the applicant's experience and training, it is my opinion that the applicant is qualified o serve as the resident construction supervisor on this construction project.									
Regional Engineer Signature	Date Approved								

cc: Engineer of Local Roads and Streets, Central Bureau of Local Roads and Streets Engineer of Construction, Central Bureau of Construction Resident Construction Supervisor Local Public Agency



YEARS EXPERIENCE: 18 YEARS WITH CBBEL: 18

EDUCATION

Bachelor of Science, 2002 Civil Engineering University of Illinois at Urbana-Champaign

PROFESSIONAL REGISTRATION

Professional Engineer, IL, 062.059552, 2006

CERTIFICATIONS

Documentation of Contract Quantities, IDOT, 17-12354

Material Management of Job Sites, IDOT

PROFESSIONAL DEVELOPMENT

IDOT QC/QA Courses: Mixture Aggregate Technician Course

Bituminous Concrete Level 1 Technician Course

Bituminous Concrete Level 2 Technician Course

Portland Cement Concrete Level 1

Troxler Nuclear Gauge Safety Training Class

STTP-S11 Hot Mix Asphalt Field Inspection

STTP-S33 Soils Field Testing and Inspection

TT - ADA/PROWAG

Kevin Wilson, PE

Assistant Department Head, Construction Engineering

Civil Engineer experienced in construction engineering serving as the Assistant Department Head of the Construction Department.. Responsibilities include construction observation, project reports, documentation of quantities, review of contractor pay estimates, coordination of materials testing and inspection, site surveys and interaction with the contractor and client. Observed activities include roadway, water main, sanitary sewer, storm sewer, streambank stabilization, and retaining wall construction. Civil design experience consists of resurfacing and reconstruction projects which have included water main, storm sewer, sanitary sewer, and combined sewer design.

CONSTRUCTION

North Shore Avenue Sewer Separation, Lincolnwood: Resident Engineer responsible for the construction engineering and observation of storm sewer installation ranging in size from 12" to 60"; the purpose was to install a large diameter storm sewer system in a combined sewer area to reduce flooding and resident sewer backups. The project included a 60" storm sewer outfall to North Shore Channel; 256 feet of 60" storm sewer jacked in place under McCormick Boulevard; HMA pavement removal and replacement; and removal and replacement of PCC curb, sidewalk, and driveways. The project was funded by an MWRD grant and local funds.

Transmission Main Project, Lincolnwood: Engineering Manager and Resident Engineer (2019) responsible for the construction engineering and observation of the installation of approximately 14,000 lineal feet of 20" ductile iron water main, 4,000 lineal feet of 8" water main, and 387 lineal feet of horizontal directional drilling of 24" HDPE water main. The purpose of the project was to connect to a new water source in the City of Evanston and discontinue purchasing water from City of Chicago. Additional improvements to complete the project included storm sewer repairs; cured-in-place pipe liner; pavement patching and resurfacing; miscellaneous curb, sidewalk, and driveway repairs; landscaping; and mechanical improvements at the Village reservoir. Coordination was required with the City of Evanston, Village of Skokie, CTA, MWRD, and other various stakeholders.

Sherman Avenue Improvements, Evanston: Resident Engineer for Sherman Ave Improvements from Church St to Davis St. This streetscape project included ductile iron water main replacement, replacement of brick paver sidewalk with concrete sidewalks and brick ribbon, curb replacement, roadway resurfacing, roadway and decorative lighting replacements in Downtown Evanston. Responsibilities included construction observation, material inspection, public relations with business owners and residents, and contract documentation.

FAU Route 2853 (Chicago Avenue/Sheridan Road), Evanston: Resident Engineer for construction of Chicago Ave through downtown Evanston and Sheridan Rd through the Northwestern University Campus to the Wilmette Village limit. Net length of improvements was 1.87 miles; Chicago Ave included HMA resurfacing, Sheridan Rd included 3 to 4 lanes of PCC reconstruction with new protected bike lanes. New items related to protected bike lane included bicycle traffic signals and radar detection. Additional work included new traffic signals, ADA improvements, water main replacement, and landscaping. Project was on an accelerated schedule in order to accommodate Northwestern University school calendar and was funded with Federal, ITEP, and Local funds.

Twin Lakes Subdivision Sidewalk Improvements, Villa Park: Resident Engineer for construction of a new sidewalk in a subdivision with an existing rural ditch typical section. Sidewalk construction included approx. 74,000 SF of new PCC Sidewalk with ADA accessible crossings. Additional improvements included installation of pipe culverts, driveway replacements, and ditch regrading to accommodate new drainage patterns. A retaining wall was installed adjacent to the sidewalk in front of Target due to ROW space restrictions. Project was funded with Federal and Local Funds.

2016 Road Program, Wilmette: Resident Engineer responsible for construction engineering and observation for resurfacing or rehabilitation of 5,050 LF of roadways throughout the Village. Roadway construction included approx. 14,000 SY of HMA partial depth resurfacing, and approx. 1,300 SY of brick pavement reusing existing brick pavers. Additional improvements included reconstruction of sidewalks, curb and gutter, and additional drainage improvements as necessary. Project was funded with MFT and Local Funds.

FAP Route 326 (IL 47), IDOT, Yorkville: Providing Phase III assistance to IDOT Resident Engineer and Inspectors from 2012-2015. Serving as Assistant Resident Engineer responsible for construction documentation and observation; managed CBBEL and subconsultant staff that assisted with documentation and observation. Project included 5.04 km of pavement reconstruction, lane additions, storm sewer, traffic signals, and other work along IL Route 47 from just north of IL Route 71 continuing northerly to just north of US Route 34.

ADA Ramp Program, CDOT: Resident Engineer responsible for construction engineering and observation of replacement of previously constructed ADA ramp locations not meeting CDOT ADA requirements. Far South Area included 12 ramp locations and South Area included 40 locations. CDOT QC/QA requirements for ADA ramp replacements were followed. Engineering responsibilities included submittal review, daily observation, measurement

Christopher B. Burke Engineering, Ltd. | 9575 W. Higgins Road, Suite 600 | Rosemont, IL 60018 | 847.823.0500 | cbbel.com | kwilson@cbbel.com

of quantities, pay estimates, coordination of material inspection, and documentation on CDOT's online web system.

Book Road LAPP Resurfacing, Naperville: Resident Engineer responsible for construction engineering and observation for resurfacing of Book Rd from 111th St to 87th St Roadway construction included 3.07 miles of partial-depth asphalt pavement. Resurfacing required approx. 2,700 tons of Polymer HMA N50 Leveling Binder and 6,300 tons of Polymer HMA N90 Surface Course "F" Mix. Additional roadway improvements included curb and gutter spot repairs, utility structure adjustments, and thermoplastic pavement markings. Sidewalk improvements were completed where necessary, including new sidewalk ramps meeting ADA standards at all roadway crossings within the project limits.

Road and Relief Sewer Project, Wilmette: Project Engineer and Resident Engineer responsible for construction engineering and observation including: verifying that contractor was in conformance with plans and specifications, preparing pay estimates and change orders. Project consisted of partial depth resurfacing of over 1.1 total miles of various residential roadway improvements. Utility construction included 600' of 18" sanitary sewer removal and replacement, 396' of 18" Relief Sewer, 768' of 24" Relief Sewer, 984' of 42" Relief Sewer, 14 Relief Sewer manholes and a 10' diameter junction chamber. Project was funded using MFT and Local Funds.

Conway Park Sidewalk Improvements, Conway Park Owners Association, Lake Forest: Resident Engineer responsible for construction engineering and observation including: verifying that contractor was in conformance with plans and specifications, preparing pay estimates and change orders. Project consisted of constructing a 36,000 SF sidewalk to provide a continuous walking path throughout the Conway Park office park corridor. Additional improvements included removing and replacing curb and gutter, improving handicap accessibility, pavement markings, and landscaping regarding and restoration.

Glenview Road Resurfacing, Wilmette: Resident Engineer responsible for construction engineering and observation including: verifying that contractor was in conformance with plans and specifications, preparing pay estimates and change orders. Project consisted of resurfacing over 0.5 miles asphalt pavement. Additional improvements included curb and gutter spot repairs, sidewalk replacement, and PCC Driveway replacement. Detector loop replacement was coordinated with CCHD. Project was funded using ERP funds.

95th Street LAPP Resurfacing, Naperville: Resident Engineer responsible for construction engineering and observation for resurfacing of 95th St from Plainfield-Naperville Rd to IL Route 59. Roadway construction included approx. 67,100 SY of partial-depth asphalt pavement. Resurfacing required approx. 3,600 tons of Polymer HMA N50 Leveling Binder, and 6,200 tons of Polymer HMA N90 Surface Course "F" Mix. Additional roadway improvements included curb and gutter spot repairs, utility structure adjustments, and thermoplastic pavement markings. Sidewalk improvements were completed where necessary, including new ramps meeting ADA standards.

2010 Road Program, Wilmette: Resident Engineer responsible for construction engineering, layout, and observation for reconstruction and resurfacing of various streets. Roadway construction included approx. 1.03 total miles of various residential roadway improvements. Utility construction included 845 LF of combination sewer removal and replacement, reconnecting existing sewer services, and manhole removal and replacement. Roadway improvements included curb and gutter removal and replacement, driveway removal and replacement, landscaping and pavement markings.

10th Street/Wilmette Avenue ARA Resurfacing, Wilmette: Resident Engineer responsible for construction engineering and observation for resurfacing of 10th St and Wilmette Ave. Roadway construction included approx. 12,000 SY of HMA resurfacing, curb and gutter spot repairs, sidewalk improvements with new ramps meeting ADA standards, and various other roadway improvements.

Arrowhead Subdivision Roadway Improvements, Algonquin: Resident Engineer responsible for construction engineering and observation. Roadway construction included approx. 18,000 SY of fulldepth asphalt pavement, curb and gutter construction, and various other roadway improvements. Utility construction included approx. 6,000 LF of storm sewer, 2,500 LF of water main, and additional drainage improvements where necessary.

Huntington Drive North Resurfacing (ARRA), Algonquin: Resident Engineer responsible for construction engineering and observation. Roadway construction included approx. 15,500 SY of partial depth resurfacing, and approx. 1,900 SY of HMA pavement patching. Additional improvements included reconstruction of sidewalks, curb and gutter, and additional drainage improvements as necessary.

2009 LAPP Program (Various Streets), Algonquin: Resident Engineer responsible for construction engineering and observation for resurfacing and reconstruction of various streets throughout the Village. Roadway construction included approx. 64,000 SY of partial depth resurfacing, 6,400 SY of full-depth reconstruction, and HMA pavement patching. Additional improvements included reconstruction of driveways, sidewalks, curb and gutter, and detector loop installation. Reconstruction of Bunker Hill Dr was completed at night in order to minimize impact to the traveling public.

Randall Road and Huntington Drive Traffic Signal Modernization, Algonquin: Resident Engineer responsible for construction engineering and observation for installation of timed pedestrian signals and crosswalk improvements at the intersection of Randall Rd and Huntington Dr. Project was located within McHenry County ROW and required coordination between the Village and the County.

2009 MFT Street Program, Algonquin: Resident Engineer responsible for construction engineering and observation for resurfacing of Butterfield Dr and Providence Dr. Roadway construction included HMA pavement patching, and approx. 4,700 SY of hot-in-place heater scarifying of existing pavement before HMA surface course placement.





Certificate of Proficiency

This certificate is awarded to

Kevin Edward Wilson

for successfully completing the examination for **Documentation of Contract Quantities**

Certificate Number: 17-12354 Effective Date: 1/18/2017 Expiration Date: 1/18/2021 Professional Development Hours: 0

Paul A. Loete, P.E. - Director of Highways PI/Chief Engineer

Gregary Renshaw, Research Engineer ICT



Local Public Agency Construction Inspector



Regional Engineer					Contract Number	District	Letting Date
Anthony Quigley						1	
					Municipality		
Department of Transportation					Lake County Divis	ion of Tra	nsportation
Address					Route		County
201 West Center Court					IL 120/Knight to G	reen Bay	Lake
City	State	Zip Code			Project Number		Job Number
Schaumburg	IL	60196					
					Section Number		
					12-00999-31-WR		
pertain to the work which he/she w Furthermore, if a consultant, this ir Approved Signature and Title of Resident Co	<i>ill inspect.</i> Thindividual has a	s individual ha valid Docume ervisor	as bee entatior Date	n instructed n of Contrac 21/2020	on the proper procedures of Quantities certification.	for any nece	essary tests.
Applicants Name							
The following describes the educa on this project. For Consultants Employees: Doci	tional backgrou umentation of C	ind, experiend	ce and	other qualif ertificate nu	ications of the named appli Imber is 20-18113	cant to serve	e as an inspector
See attached resume.							
If the Resident from BC-775 is a c Approved Signature and Title of In Responsi	onsultant, the lo	ocal public ag n BC-775	Date	mployee in	responsible charge must a	lso approve	this individual.
Signature and thile of in Responsi	bie Griarge IIO	100-773					

Kevin Betke, PE

Senior Construction Engineer

YEARS EXPERIENCE: 28 Years with CBBEL: 21

EDUCATION

Bachelor of Science, 1992 Civil Engineering University of Illinois at Urbana-Champaign

PROFESSIONAL REGISTRATION

Professional Engineer, IL, 062.053510, 1999

Professional Engineer, CA, 53944, 1995

CERTIFICATIONS

Documentation of Contract Quantities, IDOT, 20-18113

Designated Erosion Control Inspector (DECI), Lake County

PROFESSIONAL DEVELOPMENT

Designated Erosion Control Inspector Workshop, Lake County, 2014

Radiological Worker II Training

OSHA 40-Hour and Supervisors Safety Training per 29 CFR 1910.120

Certified Operator, Troxler Nuclear Density Gauge

First Aid/Cardiopulmonary Resuscitation Training Professional Engineer responsible for field construction projects as Resident Engineer. Duties include construction observation to ensure adherence to drawings and specifications, measurement and tracking of job quantities for as-built records and pay estimates, monitoring and reporting Contractor progress and serving as the owner representative.

2019/2020 Charles Brown Park Drainage Basin Improvements, Libertyville: Resident Engineer for improvements to stormwater storage basin. Excavated three forebays to increase storage. Dredged existing channel to improve flow characteristics. Revegetated entire area with appropriate native seed mixes. Installed upsized storm sewer with gravity bypass to improve outflow. Removed and replaced four pumps in lift station to upgrade performance and added SCADA capabilities for remote operation and monitoring.

2019 Storm Sewer Improvements, Lake Bluff: Resident Engineer for storm sewer improvements in two neighborhoods to relieve flooding. Project included installing large diameter storm sewer in the ROW and through neighboring back yards with associated road and property restoration. Jacked 36" steel casing under Route 176 under IDOT Permit to create new drainage pathway and alleviate flooding on several residential parcels.

2019 Alley Improvements, Zion: Resident Engineer for annual road and alley program in Zion using MFT funds. Designed and installed storm sewer in alleys to solve drainage problems. Reconstructed alleys using an inverted crown cross section to direct drainage into new storm sewer and away from residences.

2018 Mannheim/Higgins Road Improvements for Site Development, Des Plaines: Resident Engineer for 2 contracts let by the City of Des Plaines in support of new site development. Extended and improved water, storm and sanitary sewer to the site. Reconfigured Mannheim Road to create 2 new entrances to the site. Project also includes removal and replacement of a bridge spanning Willow Creek and relocation of street lighting on Mannheim Road. Total construction cost expected to be \$2 million.

2017 Road Program, Libertyville: Resident Engineer for annual residential pavement rehabilitation program valued at \$3.5 million construction cost. Work included assessment and repair of curb, sidewalk and sewers. Existing HMA streets were milled, patched and resurfaced. Existing PCC base streets with HMA overlay were milled, patched with PCC and overlaid. Existing PCC streets were patched with PCC, edge ground and overlaid with HMA.

Bridge Maintenance Program, Highland Park: Constructed new cast-in-place pedestrian bridge spanning a ravine 145' wide by 40' deep at Cary Ave. Performed concrete patching, waterproofing and asphalt overlay on a 100-year-old concrete bridge spanning a ravine 210' wide by 50' deep at Roger Williams Ave. Removed and replaced bridge bearings and expansion joints, refreshed waterproofing and asphalt overlay at the Linden Ave. bridge.

Central Road Bike Lane Improvements, Des Plaines: Resident Engineer for Local Agency Contract constructing 6 foot wide bike lanes for two miles in the shoulder on both sides of Central Rd (Wolf Rd to East River Rd). In addition to constructing new HMA shoulders, project included drainage improvements, many pockets of non-special waste disposal, widening at intersections, installation of solar powered pedestrian actuated flashers and landscaping. Project was started in fall 2015 and will be complete in spring 2016.

Schaumburg Convention Center Improvements: Resident Engineer for road and drainage improvements. Work involved expanding an existing detention basin on the property and constructing new 36" storm sewer in order to take the existing detention area out of service so that I-90 can expand to create the Meacham Road interchange. As part of the project, Convention Center parking lots were reconfigured, re-landscaped and new lighting was installed. To maintain necessary stormwater volume requirements, 2 permeable paver parking lots were constructed and the water level in existing site ponds was lowered by altering the weir and orifice plates. Project required cooperation with several Tollway contracts, the Village, and the tenants of Schaumburg Convention Center complex that regularly hosts large events.

Powis Road Improvements, Wayne: Resident Engineer for Local Agency contract to improve Powis Rd (Army Trail to Smith). Typical rural section maintenance project involving milling, patching, storm crossings, level binder, surface, striping, shouldering and restoration.

Atkinson Road Extension, Grayslake: Resident Engineer for improvements. The new Atkinson Rd from Route 137 to Route 120 consists of 2,500' of new pavement and 1,000' of improved pavement, storm sewer and drainage ditches and improvements to 2 signalized intersections. Work included over 60,000 CY of earthwork through 2 wetlands and construction of a pond and depressional storage area. Work was substantially completed on accelerated schedule in only 18 weeks with a construction cost of almost \$4 million.

Highland Road Improvements, Grayslake: Resident Engineer. Curb and gutter and sidewalk were added to both sides of the road and storm sewer was constructed to relieve flooding conditions.

Christopher B. Burke Engineering, Ltd. | 9575 W. Higgins Rd., Ste. 600 | Rosemont, IL 60018 | 847.823.0500 | cbbel.com | kbetke@cbbel.com

2011 Road Program, Zion: Resident Engineer. Scope included full depth reconstruction of residential streets, spot curb and sidewalk repairs and drainage improvements.

2010, 2011, 2012 Road Program, Cary: Resident Engineer for annual road program that includes curb and gutter and sidewalk repair, storm sewer improvements, full depth removal and replacement of asphalt pavement and improvements to subgrade.

Midlothian Sanitary Sewer, Hawthorn Woods: Resident Engineer for installation of sanitary sewer between Hawthorn Woods and Lake Zurich. Project included 2 new lift stations, approx. 5,000' of gravity sewers and 10,000' of forcemain.

Northside Park, Wheaton Park District: Resident Engineer for project involving hydraulic and environmental improvements to a series of ponds. Work included dredging, slope restoration, establishment of a vegetative buffer, installation of bridges and docks, and a detention pond.

Downtown Development, LincoInshire: Resident Engineer for a site development involving mass clearing and grading, stormwater detention, revegetation, water main and a 10' tall decorative concrete retaining wall.

IL 21 at Olde Half Day Road Improvements, LincoInshire: Project involved realignment and reconstruction. Sewer and water were relocated to upgrade the systems and fit the new alignment and a new traffic signal was constructed.

Quentin Road Watermain, Hawthorn Woods: Project involved installation of over 5,000' of 12" watermain to service new residential developments. Due to access difficulties, wetlands considerations and the desire to save trees in a forested section, over half of the watermain was installed by directional bore. One section was bored using HDPE pipe to accommodate a 15' grade change under a creek that was pulled using a continuous, fusion-welded section of pipe 650' long.

Special Service Area Program, Hawthorn Woods: Resident Engineer for design and preparation of contract documents for an annual reconstruction/resurfacing program. Each year the Village reconstructs/resurfaces approx. 6 miles of residential streets and typically includes ditch regrading, storm sewer and complete parkway restoration. In addition, areas which have drainage problems are field surveyed to determine if a viable economic solution is available.





Certificate of Proficiency

This certificate is awarded to

Kevin James Betke

for successfully completing the examination for **Documentation of Contract Quantities**

Certificate Number: 20-18113 Effective Date: 12/8/2020 Expiration Date: 12/8/2024 Professional Development Hours: 14

Tim Vell

Tim Kell - Engineer of Construction

Gregary J. Renshaw, P.E. - Senior Research Engineer ICT

Recipient	Donor	Description (e.g., cash, type of item, in-kind service, etc.)	Amount/Value	Date Made
Judy Martini	CBBEL	Political Donation	\$250	5/2018
Judy Martini	CBBEL	Political Donation	\$250	9/2017
Judy Martini	CBBEL	Political Donation	\$250	5/2016
Judy Martini	CBBEL	Political Donation	\$250	12/2015
Aaron Lawler	CBBEL	Political Donation	\$1,000	11/2016
Aaron Lawler	CBBEL	Political Donation	\$1,000	9/2015



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/15/2019

I

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.									
IM If th	IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).								
PROL	DUCER				CONTACT Gail Pope				
Don	ne Insurance Group, Inc				PHONE (708) 42	29-3100	FAX	(708) 4	29-3105
777	7 W. 159th Street				E-MAIL ADDRESS. Gail.Pope	@Donnelnsura	ance.com		
Suite	e B				INS	SURER(S) AFFOR	DING COVERAGE		NAIC #
Tinle	ey Park			IL 60477	INSURERA: The Pho	enix Ins Co			25623
INSU	RED				INSURER B: The Trav	elers Ind Co			25658
	Christopher B. Burke Engineering	g Ltd.			INSURER C :				
	9575 W. Higgins Road				INSURER D :				
	Suite 600				INSURER E :				
	Rosemont			IL 60018	INSURER F :				
COV	/ERAGES CERT	FIFIC	ATE	NUMBER: 2018-2019			REVISION NUMBER:		
TH INI CE EX	HIS IS TO CERTIFY THAT THE POLICIES OF IN DICATED. NOTWITHSTANDING ANY REQUIR ERTIFICATE MAY BE ISSUED OR MAY PERTA (CLUSIONS AND CONDITIONS OF SUCH POL	NSUR REME JN, TH	ANCE NT, TE HE INS S. LIM	LISTED BELOW HAVE BEEN RM OR CONDITION OF ANY SURANCE AFFORDED BY THE ITS SHOWN MAY HAVE BEEN	ISSUED TO THE INSUE CONTRACT OR OTHER POLICIES DESCRIBEI REDUCED BY PAID CL	RED NAMED AI DOCUMENT V DHEREIN IS SI AIMS.	BOVE FOR THE POLICY PERIM MTH RESPECT TO WHICH TH JBJECT TO ALL THE TERMS,	OD IIS	
INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	:	
							EACH OCCURRENCE	<mark>\$</mark> 1,00	0,000
	CLAIMS-MADE 🗡 OCCUR						PREMISES (Ea occurrence)	\$ 300,0	000
	Blanket Contractual Liability						MED EXP (Any one person)	\$ 10,0	00
Α		Y	Y	680-3H482979	10/15/2018	10/15/2019	PERSONAL & ADV INJURY	\$ 1,000,000 \$ 2,000,000	
	GEN'LAGGREGATE LIMIT APPLIES PER:						GENERALAGGREGATE		
	POLICY X PRO- JECT X LOC						PRODUCTS - COMP/OP AGG	\$ 2,00	0,000
	OTHER:							\$	
	AUTOMOBILE LIABILITY			-			(Ea accident)	\$ 1,00	0,000
							BODILY INJURY (Per person)	\$	
в		Y	Y	BA-6760L521	10/15/2018	10/15/2019	BODILY INJURY (Per accident)	\$	
							(Per accident)	\$	
								\$	00.000
_		~			10/15/2019	10/15/2010	EACH OCCURRENCE	\$ 10,0	00,000
в	EXCESS LIAB CLAIMS-MADE	T	T	CUP-2C/ 69665	10/15/2018	10/15/2019	AGGREGATE	\$_10,0	
							PER OTH-	\$	
	AND EMPLOYERS' LIABILITY Y/N							. 1.00	000
A	OFFICER/MEMBER EXCLUDED?	N/A	Y	UB-7J091851	10/15/2018	018 10/15/2019		\$ 1,000,000	
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	<u>s</u> 1.00	0.000
	DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$	
DESC	L CRIPTION OF OPERATIONS / LOCATIONS / VEHICLE	S (AC	ORD 1	01, Additional Remarks Schedule,	may be attached if more s	pace is required)	<u> </u>		
Proj	ect: 180373 LCDOT PHASE III Services – IL	.120 \	Niden	& Resurf. Section 12-00999	-31-WR Additional Ins	sured:Lake Co	unty Division of		
Tran	sportation. General liability policy includes	blank	et ad	ditional insured status, primar	y and non-contributory	coverage and	waiver of subrogation, in any		
insu	red status and waiver of subrogation, in any	writte	ensa en con	tract requiring insurance. 30	day notice of cancellat	ion. Umbrella	follows form.		
	- · ·			-					
	•								
CER					CANCELLATION				
			-						DEFORE
					SHOULD ANY OF T THE EXPIRATION D	HE ABOVE DE	SCRIBED POLICIES BE CAN , NOTICE WILL BE DELIVERI	SELLEC ED IN	BEFUKE
	Lake County Division of Transpo	rtatio	n		ACCORDANCE WIT	TH THE POLIC	PROVISIONS.		
	600 West Winchester Road								
					AUTHORIZED REPRESE	NTATIVE			
	Libertyville			IL 60048		119.11. ~	M Renno		
						www	AND THE		
						© 1988-2015	ACORD CORPORATION.	All rig	nts reserved.

The ACORD name and logo are registered marks of ACORD

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED (ARCHITECTS, ENGINEERS AND SURVEYORS)

This endorsement modifies insurance provided under the following: COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. The following is added to SECTION II – WHO IS AN INSURED:

Any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:

- a. Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
- b. If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies, or in connection with premises owned by or rented to you.

The person or organization does not qualify as an additional insured:

- c. With respect to the independent acts or omissions of such person or organization; or
- d. For "bodily injury", "property damage" or "personal injury" for which such person or organization has assumed liability in a contract or agreement.

The insurance provided to such additional insured is limited as follows:

- e. This insurance does not apply on any basis to any person or organization for which coverage as an additional insured specifically is added by another endorsement to this Coverage Part.
- f. This insurance does not apply to the rendering of or failure to render any "professional services".
- g. In the event that the Limits of Insurance of the Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement does not increase the limits of insurance described in Section III – Limits Of Insurance.

- h. This insurance does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "productscompleted operations hazard" unless the "written contract reauirina insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.
- 2. The following is added to Paragraph 4.a. of SECTION IV COMMERCIAL GENERAL LIABILITY CONDITIONS:

The insurance provided to the additional insured is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover. However, if you specifically agree in the "written contract requiring insurance" that this insurance provided to the additional insured under this Coverage Part must apply on a primary basis or a primary and non-contributory basis, this insurance is primary to other insurance available to the additional insured which covers that person or organizations as a named insured for such loss, and we will not share with the other insurance, provided that:

- (1) The "bodily injury" or "property damage" for which coverage is sought occurs; and
- (2) The "personal injury" for which coverage is sought arises out of an offense committed;

after you have signed that "written contract requiring insurance". But this insurance provided to the additional insured still is excess over valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under any other insurance. 3. The following is added to Paragraph 8., Transfer Of Rights Of Recovery Against Others To Us, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury", "property damage" or "personal injury" arising out of "your work" performed by you, or on your behalf, done under a "written contract requiring insurance" with that person or organization. We waive this right only where you have agreed to do so as part of the "written contract requiring insurance" with such person or organization signed by you before, and in effect when, the "bodily injury" or "property damage" occurs, or the "personal injury" offense is committed. **4.** The following definition is added to the **DEFINITIONS** Section:

"Written contract requiring insurance" means that part of any written contract under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After you have signed that written contract;
- b. While that part of the written contract is in effect; and
- c. Before the end of the policy period.

Page 2 of 2



WORKERS COMPENSATION AND EMPLOYERS LIABILITY POLICY

ENDORSEMENT WC 00 03 13 (00)-01

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

SCHEDULE

DESIGNATED PERSON:

DESIGNATED ORGANIZATION:

ALL PERSONS OR ORGANIZATIONS THAT ARE PARTIES TO A CONTRACT THAT REQUIRES YOU TO OBTAIN THIS AGREEMENT, PROVIDED YOU EXECUTED THE CONTRACT BEFORE THE LOSS.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- A. BROAD FORM NAMED INSURED
- **B. BLANKET ADDITIONAL INSURED**
- C. EMPLOYEE HIRED AUTO
- D. EMPLOYEES AS INSURED
- E. SUPPLEMENTARY PAYMENTS INCREASED LIMITS
- F. HIRED AUTO LIMITED WORLDWIDE COV-ERAGE – INDEMNITY BASIS
- G. WAIVER OF DEDUCTIBLE GLASS

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph A.1., Who Is An Insured, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph c. in A.1., Who Is An Insured, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which

- H. HIRED AUTO PHYSICAL DAMAGE LOSS OF USE – INCREASED LIMIT
- I. PHYSICAL DAMAGE TRANSPORTATION EXPENSES – INCREASED LIMIT
- J. PERSONAL PROPERTY
- K. AIRBAGS
- L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS
- M. BLANKET WAIVER OF SUBROGATION
- N. UNINTENTIONAL ERRORS OR OMISSIONS

this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

- C. EMPLOYEE HIRED AUTO
 - 1. The following is added to Paragraph A.1., Who Is An Insured, of SECTION II – COV-ERED AUTOS LIABILITY COVERAGE:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

- 2. The following replaces Paragraph b. in B.5., Other Insurance, of SECTION IV – BUSI-NESS AUTO CONDITIONS:
 - b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:
 - (1) Any covered "auto" you lease, hire, rent or borrow; and
 - (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your

COMMERCIAL AUTO

permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph A.1., Who Is An Insured, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

- E. SUPPLEMENTARY PAYMENTS INCREASED LIMITS
 - 1. The following replaces Paragraph A.2.a.(2), of SECTION II – COVERED AUTOS LIABIL-ITY COVERAGE:
 - (2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
 - 2. The following replaces Paragraph A.2.a.(4), of SECTION II – COVERED AUTOS LIABIL-ITY COVERAGE:
 - (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.
- F. HIRED AUTO LIMITED WORLDWIDE COV-ERAGE – INDEMNITY BASIS

The following replaces Subparagraph (5) in Paragraph B.7., Policy Period, Coverage Territory, of SECTION IV – BUSINESS AUTO CONDI-TIONS:

(5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30 days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

- (a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:
 - (i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.
 - (ii) Neither you nor any other involved "insured" will make any settlement without our consent.
 - (iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".
 - (iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE.
 - (v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.
- (b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess, contingent or on any other basis.
- (c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

(d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE - GLASS

The following is added to Paragraph D., Deductible, of SECTION III – PHYSICAL DAMAGE COVERAGE:

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

The following replaces the last sentence of Paragraph A.4.b., Loss Of Use Expenses, of SEC-TION III – PHYSICAL DAMAGE COVERAGE:

However, the most we will pay for any expenses for loss of use is \$65 per day, to a maximum of \$750 for any one "accident".

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph A.4.a., Transportation Expenses, of SECTION III – PHYSICAL DAMAGE COVER-AGE:

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph A.4., Coverage Extensions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

Personal Property

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

(1) Owned by an "insured"; and

(2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph B.3., Exclusions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

Exclusion 3.a. does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs A.1.b. and A.1.c., but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated.

We will pay up to a maximum of \$1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph A.2.a., of SECTION IV – BUSINESS AUTO CONDITIONS:

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

- (a) You (if you are an individual);
- (b) A partner (if you are a partnership);
- (c) A member (if you are a limited liability company);
- (d) An executive officer, director or insurance manager (if you are a corporation or other organization); or
- (e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph A.5., Transfer Of Rights Of Recovery Against Others To Us, of SECTION IV – BUSINESS AUTO CONDI-TIONS:

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by

COMMERCIAL AUTO

such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph B.2., Concealment, Misrepresentation, Or Fraud, of SECTION IV – BUSINESS AUTO CONDITIONS: The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

DATE (MM/DD/YYYY) 3/15/2019

TH CH BH RH	HIS CERTIFICATE IS ISSUED AS A ERTIFICATE DOES NOT AFFIRMAT ELOW. THIS CERTIFICATE OF INS EPRESENTATIVE OR PRODUCER, A	MATT IVELY SURAN	ER OR NCE IE C	OF INFORMATION ONLY NEGATIVELY AMEND, DOES NOT CONSTITU ERTIFICATE HOLDER.	AND EXTENTE TE A C	CONFERS N ND OR ALTI CONTRACT I	O RIGHTS I ER THE CO BETWEEN T	JPON THE CERTIFICATE HC VERAGE AFFORDED BY TH HE ISSUING INSURER(S), A	Older. This IE Policies JUTHORIZED
IM th	PORTANT: If the certificate holder e terms and conditions of the policy	is an , certa	ADE ain p	DITIONAL INSURED, the olicies may require an e	policy ndorse	ies) must be ment. A stat	endorsed. ement on th	If SUBROGATION IS WAIVE is certificate does not confer	D, subject to rights to the
PROF	DUCER	3611161	143)	•	CONTA	CT Shawna 7	amora		
Ass	surance Agency, Ltd.				PHONE	Ext). (847) 4	53-7120	FAX (A/C. No): (847)	440-9127
One	e Century Centre				E-MAIL	ss: szamoral	Dassurancea	gency.com	
Sch	naumburg, IL 60173				ADDRE	INS	URER(S) AFFOR		NAIC #
	0.				INSURE	RA: Starr Su	rolus Lines In	surance Company	
INSU	RED	CHRIBE	BU-01		INSURE	RB:			
	ristopher B. Burke Engineering, LTI	כ			INSURE	RC:			
957 Sui	te 600				INSURE	RD:		- terdenitif (*	
Ros	semont IL 60018				INSURE	RE:			
					INSURE	RF:			
CO	VERAGES CER	TIFIC	ATE	E NUMBER: 970600029				REVISION NUMBER:	
TH IN CE E>	HIS IS TO CERTIFY THAT THE POLICIES DICATED. NOTWITHSTANDING ANY RI ERTIFICATE MAY BE ISSUED OR MAY KCLUSIONS AND CONDITIONS OF SUCH	OF II Equir Pert/ Polic	NSUF EME AIN, CIES.	RANCE LISTED BELOW HA NT, TERM OR CONDITION THE INSURANCE AFFORD LIMITS SHOWN MAY HAVE	VE BEE OF AN ED BY BEEN	N ISSUED TO Y CONTRACT THE POLICIE REDUCED BY	THE INSURE OR OTHER I S DESCRIBED PAID CLAIMS	D NAMED ABOVE FOR THE PO DOCUMENT WITH RESPECT TO D HEREIN IS SUBJECT TO ALL	DLICY PERIOD WHICH THIS THE TERMS,
INSR LTR	TYPE OF INSURANCE	INSR	WVD	POLICY NUMBER		(MM/DD/YYYY)	(MM/DD/YYYY)	LIMITS	
								EACH OCCURRENCE \$	
	COMMERCIAL GENERAL LIABILITY							PREMISES (Ea occurrence) \$	
	CLAIMS-MADE OCCUR							MED EXP (Any one person) \$	
								PERSONAL & ADV INJURY \$	
								GENERAL AGGREGATE \$	
	GEN'L AGGREGATE LIMIT APPLIES PER:							PRODUCTS - COMP/OP AGG \$	
	POLICY JECT LOC							COMBINED SINGLE LIMIT	
								(Ea accident) \$	
								BODILY INJURY (Per person) \$	
								BODILY INJURY (Per accident) \$	
	HIRED AUTOS							(Per accident)	
								\$	
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE \$	
	EXCESS LIAB CLAIMS-MADE							AGGREGATE \$	
	DED RETENTION \$							\$ WC STATU- OTH-	
	AND EMPLOYERS' LIABILITY Y/N							TORY LIMITS	
	ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A						E.L. EACH ACCIDENT \$	
	(Mandatory in NH)							E.L. DISEASE - EA EMPLOYEE \$	
	DESCRIPTION OF OPERATIONS below			SI SI DECOSOONA		6/1/2019	6/1/2010	E.L. DISEASE - POLICY LIMIT \$	00.000
Î				SLSLFR020220010		0/1/2010	0/1/2018	General Aggregate \$4,0	00,000
DESC	CRIPTION OF OPERATIONS / LOCATIONS / VEHIC of of Insurance	LES (A	ttach	ACORD 101, Additional Remarks	Schedule	, if more space is	; required)		
				······	CAN				
	Lake County Division of Ti 600 West Winchester Roa	anspo d	ortat	tion	SHC THE ACC	DULD ANY OF EXPIRATION CORDANCE WI	THE ABOVE D N DATE THI TH THE POLIC	ESCRIBED POLICIES BE CANCE EREOF, NOTICE WILL BE D CY PROVISIONS.	LLED BEFORE ELIVERED IN
	Libertyville IL 60048				3.	nil & to	baras		

CERTIFICATE OF LIABILITY INSURANCE

© 1988-2010 ACORD CORPORATION. All rights reserved.

ACOR

The ACORD name and logo are registered marks of ACORD