

8-R-20

A RESOLUTION

Authorizing the Interim City Manager to Sign a Construction Engineering Agreement for Federal Participation with the Illinois Department of Transportation and Christopher Burke Engineering for the Howard Street Corridor Project

WHEREAS, the City of Evanston seeks utilize federal Surface Transportation Program grant funds to improve Howard Street between Sacramento Avenue and Winchester Avenue/Callan Avenue that lies within its boundaries with roadway resurfacing, curb and gutter removal and replacement, traffic signal improvements, and streetscape improvements including lighting, pavers, and landscaping, said improvement to be identified as IDOT State Section Number: 17-00281-00-RS, State Job Number: C-91-188-18, and Project Number: CJ5G(950) hereinafter referred to as the "Project"; and

WHEREAS, the State of Illinois and the City of Evanston wish to avail themselves of federal money committed to fund the Project and the City Council of the City of Evanston hereby determines it is in the best interests of the City to enter into the Construction Engineering Agreement with IDOT & Christopher Burke Engineering; and

WHEREAS, a portion of Howard Street is in Chicago and the City of Chicago also would like to improve Howard Street as described above as well, attached is an construction engineering agreement to avail the Surface Transportation Funds set forth Chicago's participation to fund the Construction Engineering in part; and

WHEREAS, the State of Illinois, City of Chicago, and the City of Evanston are all desirous of said Project because it will have immediate benefit to the residents of the area and permanent in nature,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EVANSTON, COOK COUNTY, ILLINOIS:

SECTION 1: The Interim City Manager is hereby authorized to sign and the City Clerk is hereby authorized to attest to the Construction Engineering Services Agreement to fund the Project, attached hereto as Exhibit A and incorporated herein by reference.

SECTION 2: The Interim City Manager is hereby authorized and directed to negotiate any additional conditions of the Construction Engineering Services Agreement as she may determine to be in the best interests of the City.

SECTION 3: That this Resolution 8-R-20 shall be in full force and effect from and after its passage and approval in the manner provided by law.



Stephen H. Hagerty, Mayor

Attest:



Devon Reid, City Clerk

Approved as to form:



Kelley A. Gandurski, Corporation Counsel

Adopted: January 13, 2020

EXHIBIT A

Construction Engineering Services Agreement For Federal Participation

Local Public Agency City of Evanston	LOCAL AGENCY  Illinois Department of Transportation Construction Engineering Services Agreement For Federal Participation	Consultant Christopher B. Burke Engineering, Ltd.
County Cook		Address 9575 W. Higgins Road, Suite 600
Section 17-00281-00-RS		City Rosemont
Project No. CJ5G (950)		State IL
Job No. C-91-188-18		Zip Code 60018
Contact Name/Phone/E-mail Address Sat Nagar, PE / Senior Project Mgr. 847.866.2967 / snagar@cityofevanston.org	Contact Name/Phone/E-mail Address Kevin Wilson, PE 847.823.0500 / kwilson@cbbel.com	

THIS AGREEMENT is made and entered into this _____ day of _____, _____ between the above Local Public Agency (LPA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT described herein. Federal-aid funds allotted to the LPA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) 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 In Responsible Charge	Authorized representative of the LPA in immediate charge of the engineering details of the PROJECT
Contractor	A full time LPA employee authorized to administer inherently governmental PROJECT activities Company or Companies to which the construction contract was awarded

Project Description

Name Howard Street Route FAU 1334 Length 7,000 FT Structure No. N/A
Termini Dodge Ave/California Ave to Custer Ave/Damen Ave

Description: The work consists of HMA resurfacing, combination curb and gutter, sidewalk, water main replacement, roadway lighting and modernization of traffic signals, as well as all incidental and collateral work necessary to complete the project.

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance of the engineering services for the LPA, in connection with the PROJECT hereinbefore described and checked below:
 - a. Proportion concrete according to applicable STATE Bureau of Materials and Physical Research (BMPR) Quality Control/Quality Assurance (QC/QA) training documents or contract requirements and obtain samples and perform testing as noted below.
 - b. Proportion hot mix asphalt according to applicable STATE BMPR QC/QA training documents and obtain samples and perform testing as noted below.
 - c. For soils, to obtain samples and perform testing as noted below.
 - d. For aggregates, to obtain samples and perform testing as noted below.

NOTE: For 1a. through 1d. the ENGINEER is to obtain samples for testing according to the STATE BMPR "Project Procedures Guide", or as indicated in the specifications, or as attached herein by the LPA; test according to the STATE BMPR "Manual of Test Procedures for Materials", submit STATE BMPR inspection reports; and verify compliance with contract specifications.

- e. Inspection of all materials when inspection is not provided at the sources by the STATE BMPR, and submit inspection reports to the LPA and the STATE in accordance with the STATE BMPR "Project Procedures Guide" and the policies of the STATE.
 - f. For Quality Assurance services, provide personnel who have completed the appropriate STATE BMPR QC/QA trained technician classes.
 - g. Inspect, document and inform the LPA employee In Responsible Charge of the adequacy of the establishment and maintenance of the traffic control.
 - h. Geometric control including all construction staking and construction layouts.
 - i. Quality control of the construction work in progress and the enforcement of the contract provisions in accordance with the STATE Construction Manual.
 - j. Measurement and computation of pay items.
 - k. 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.
 - l. Preparation and submission to the LPA by the required form and number of copies, all partial and final payment estimates, change orders, records, documentation and reports required by the LPA and the STATE.
 - m. Revision of contract drawings to reflect as built conditions.
 - n. Act as resident construction supervisor and coordinate with the LPA employee In Responsible Charge.
2. Engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with the AGREEMENT.
 3. To furnish the services as required herein within twenty-four hours of notification by the LPA employee In Responsible Charge.
 4. To attend meetings and visit the site of the work at any reasonable time when requested to do so by representatives of the LPA or STATE.
 5. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without the written consent of the LPA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
 6. The ENGINEER shall submit invoices, based on the ENGINEER's progress reports, to the LPA employee In Responsible Charge, no more than once a month for partial payment on account for the ENGINEER's work completed to date. Such invoices shall represent the value, to the LPA of the partially completed work, based on the sum of the actual costs incurred, plus a percentage (equal to the percentage of the construction engineering completed) of the fixed fee for the fully completed work.
 7. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable to improvement of the SECTION; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
 8. That the ENGINEER shall be responsible for the accuracy of the ENGINEER's work and correction of any errors, omissions or ambiguities due to the ENGINEER'S negligence which may occur either during prosecution or after acceptance by the LPA. Should any damage to persons or property result from the ENGINEER's error, omission or negligent act, the ENGINEER shall indemnify the LPA, the STATE and their employees from all accrued claims or liability and assume all restitution and repair costs arising from such negligence. The ENGINEER shall give immediate attention to any remedial changes so there will be minimal delay to the contractor and prepare such data as necessary to effectuate corrections, in consultation with and without further compensation from the LPA.
 9. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LPA.
 10. The undersigned certifies neither the ENGINEER nor I have:
 - a) employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT;
 - b) agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or

- c) paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - d) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - e) have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
 - f) are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) of this certification; and
 - g) have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
11. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LPA.
 12. To submit all invoices to the LPA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
 13. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the work called for in the AGREEMENT.
 14. To be prequalified with the STATE in Construction Inspection when the ENGINEER or the ENGINEER's assigned staff is named as resident construction supervisor. The onsite resident construction supervisor shall have a valid Documentation of Contract Quantities certification.
 15. Will provide, as required, project inspectors that have a valid Documentation of Contract Quantities certification.

II. THE LPA AGREES,

1. To furnish a full time LPA employee to be In Responsible Charge authorized to administer inherently governmental PROJECT activities.
2. To furnish the necessary plans and specifications.
3. To notify the ENGINEER at least 24 hours in advance of the need for personnel or services.
4. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee Formulas

- FF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or
- FF = 14.5%[(2.3 + R)DL + IHDC]

Where: DL = Direct Labor
 IHDC = In House Direct Costs
 OH = Consultant Firm's Actual Overhead Factor
 R = Complexity Factor
 FF=Fixed Fee
 SBO = Services by Others

Total Compensation = DL +IHDC+OH+FF+SBO

Specific Rate (Pay per element)

Lump Sum _____

5. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

With Retainage

- a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **Final Payment** – Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

Without Retainage

- a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LPA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
 - b) **Final Payment** – Upon approval of the work by the LPA but not later than 60 days after the work is completed and reports have been made and accepted by the LPA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
6. The recipient shall not discriminate on the basis on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).
7. To submit approved form BC 775 (Exhibit C) and BC 776 (Exhibit D) with this AGREEMENT.
8. To certify by execution of this AGREEMENT that the selection of the ENGINEER was performed in accordance with the Local Government Professional Services Selection Act 50 ILCS 510, the Brooks Act 40USC 11, and Procurement, Management, and Administration of Engineering and Design related Services (23 CFR part 172). Exhibit C is required to be completed with this agreement.

III. It is Mutually Agreed,

1. That the ENGINEER and the ENGINEER's subcontractors will maintain all books, documents, papers, accounting records and other evidence pertaining to cost incurred and to make such materials available at their respective offices at all reasonable times during the AGREEMENT period and for three years from the date of final payment under this AGREEMENT, for inspection by the STATE, Federal Highway Administration or any authorized representatives of the federal government and copies thereof shall be furnished if requested.
2. That all services are to be furnished as required by construction progress and as determined by the LPA employee In Responsible Charge. The ENGINEER shall complete all services specified herein within a time considered reasonable to the LPA, after the CONTRACTOR has completed the construction contract.
3. That all field notes, test records and reports shall be turned over to and become the property of the LPA and that during the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
4. That this AGREEMENT may be terminated by the LPA upon written notice to the ENGINEER, at the ENGINEER's last known address, with the understanding that should the AGREEMENT be terminated by the LPA, the ENGINEER shall be paid for any services completed and any services partially completed. The percentage of the total services which have been rendered by the ENGINEER shall be mutually agreed by the parties hereto. The fixed fee stipulated in numbered paragraph 4d of Section II shall be multiplied by this percentage and added to the ENGINEER's actual costs to obtain the earned value of work performed. All field notes, test records and reports completed or partially completed at the time of termination shall become the property of, and be delivered to, the LPA.
5. That any differences between the ENGINEER and the LPA 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 LPA, and a third member appointed by the two other members for disposition and that the committee's decision shall be final.

6. That in the event the engineering and inspection services to be furnished and performed by the LPA (including personnel furnished by the ENGINEER) shall, in the opinion of the STATE be incompetent or inadequate, the STATE shall have the right to supplement the engineering and inspection force or to replace the engineers or inspectors employed on such work at the expense of the LPA.
7. That the ENGINEER has not been retained or compensated to provide design and construction review services relating to the contractor's safety precautions, except as provided in numbered paragraph 1f of Section I.
8. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (A) abide by the terms of the statement; and
 - (B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
 - (1) the dangers of drug abuse in the workplace;
 - (2) the grantee's or contractor's policy of maintaining a drug free workplace;
 - (3) any available drug counseling, rehabilitation and employee assistance program; and
 - (4) the penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is convicted, as required by section S of the Drug Free Workplace Act.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
- (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

9. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT-assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination this AGREEMENT or such other remedy as the LPA deems appropriate.
10. When the ENGINEER is requested to complete work outside the scope of the original AGREEMENT, a supplemental AGREEMENT will be required. Supplements will also be required for the addition or removal of subconsultants, direct costs, the use of previously unspecified staff, and other material changes to the original AGREEMENT.

AVERAGE HOURLY PROJECT RATES

FIRM Christopher B. Burke Engineering, Ltd.
 Local Agency Evanston
 Section 17-00281-00-RS
 Project CJ5G (950)
 Job No: C-91-188-18

DATE 11/25/19

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Preconstruction Services			Shop Drawing Review			Construction Observation			Construction Documentat			Materials QA Testing		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
PRINCIPAL	60.00	0																	
ENGINEER VI	70.00	0																	
ENGINEER V	65.52	750	11.15%	7.31	5	4.00%	2.62				540	12.23%	8.01	200	12.70%	8.32			
ENGINEER IV	53.82	3645	54.20%	29.17	80	64.00%	34.44	100	50.00%	26.91	2400	54.36%	29.26	800	50.79%	27.34			
ENGINEER III	46.70	2055	30.56%	14.27	40	32.00%	14.94	100	50.00%	23.35	1200	27.18%	12.69	575	36.51%	17.05			
ENGINEER I/II	33.08	275	4.09%	1.35							275	6.23%	2.06						
SURVEY V	60.00	0																	
SURVEY IV	60.00	0																	
SURVEY III	57.75	0																	
SURVEY II*	43.30	0																	
SURVEY I*	34.50	0																	
ENGINEERING TECHN	60.00	0																	
ENGINEERING TECHN	48.25	0																	
ENGINEERING TECHN	51.44	0																	
ENGINEERING TECHN	20.67	0																	
CAD MANAGER	59.92	0																	
ASST. CAD MANAGER	51.33	0																	
CAD II *	46.92	0																	
GIS SPECIALIST III	49.00	0																	
GIS SPECIALIST I/II*	32.00	0																	
LANDSCAPE ARCHITE	55.50	0																	
ENVIRONMENTAL RES	60.00	0																	
ENVIRONMENTAL RES	53.13	0																	
ENVIRONMENTAL RES	40.67	0																	
ENVIRONMENTAL RES	31.13	0																	
ENVIRONMENTAL RES	38.50	0																	
ADMINISTRATIVE*	36.28	0																	
ENGINEERING INTERN	16.00	0																	
TOTALS		6725	100%	\$52.10	125	100.00%	\$52.01	200	100%	\$50.26	4415	100%	\$52.02	1575	100%	\$52.71	0	0%	\$0.00

AVERAGE HOURLY PROJECT RATES

FIRM Christopher B. Burke Engineering, Ltd.
Local Agency Evanston
Section 17-00281-00-RS
Project CJ5G (950)
Job No: C-91-188-18

DATE 11/25/19

SHEET 2 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Project Close-Out			Record Drawings														
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
PRINCIPAL	60.00																		
ENGINEER VI	70.00																		
ENGINEER V	65.52	5	1.52%	0.99															
ENGINEER IV	53.82	225	68.18%	36.70	40	50.00%	26.91												
ENGINEER III	46.70	100	30.30%	14.15	40	50.00%	23.35												
ENGINEER I/II	33.08																		
SURVEY V	60.00																		
SURVEY IV	60.00																		
SURVEY III	57.75																		
SURVEY II*	43.30																		
SURVEY I*	34.50																		
ENGINEERING TEC	60.00																		
ENGINEERING TEC	48.25																		
ENGINEERING TEC	51.44																		
ENGINEERING TEC	20.67																		
CAD MANAGER	59.92																		
ASST. CAD MANAG	51.33																		
CAD II *	46.92																		
GIS SPECIALIST III	49.00																		
GIS SPECIALIST I/II	32.00																		
LANDSCAPE ARCH	55.50																		
ENVIRONMENTAL P	60.00																		
ENVIRONMENTAL P	53.13																		
ENVIRONMENTAL P	40.67																		
ENVIRONMENTAL P	31.13																		
ENVIRONMENTAL P	38.50																		
ADMINISTRATIVE*	36.28																		
ENGINEERING INT	16.00																		
TOTALS		330	100%	\$51.84	80	100%	\$50.26	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

PAYROLL RATES

FIRM NAME Christopher B. Burke Engineering, L DATE 11/25/19
 PRIME/SUPPLEMENT _____

ESCALATION FACTOR 0.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
PRINCIPAL	\$60.00	\$60.00
ENGINEER VI	\$70.00	\$70.00
ENGINEER V	\$65.52	\$65.52
ENGINEER IV	\$53.82	\$53.82
ENGINEER III	\$46.70	\$46.70
ENGINEER I/II	\$33.08	\$33.08
SURVEY V	\$60.00	\$60.00
SURVEY IV	\$60.00	\$60.00
SURVEY III	\$57.75	\$57.75
SURVEY II*	\$43.30	\$43.30
SURVEY I*	\$34.50	\$34.50
ENGINEERING TECHNICIAN V	\$60.00	\$60.00
ENGINEERING TECHNICIAN I	\$48.25	\$48.25
ENGINEERING TECHNICIAN I	\$51.44	\$51.44
ENGINEERING TECHNICIAN I	\$20.67	\$20.67
CAD MANAGER	\$59.92	\$59.92
ASST. CAD MANAGER	\$51.33	\$51.33
CAD II *	\$46.92	\$46.92
GIS SPECIALIST III	\$49.00	\$49.00
GIS SPECIALIST I/II*	\$32.00	\$32.00
LANDSCAPE ARCHITECT	\$55.50	\$55.50
ENVIRONMENTAL RESOURC	\$60.00	\$60.00
ENVIRONMENTAL RESOURC	\$53.13	\$53.13
ENVIRONMENTAL RESOURC	\$40.67	\$40.67
ENVIRONMENTAL RESOURC	\$31.13	\$31.13
ENVIRONMENTAL RESOURC	\$38.50	\$38.50
ADMINISTRATIVE*	\$36.28	\$36.28
ENGINEERING INTERN	\$16.00	\$16.00

Subconsultants

FIRM NAME Christopher B. Burke Engineering, Ltd.

DATE 11/25/19

PRIME/SUPPLEMENT _____

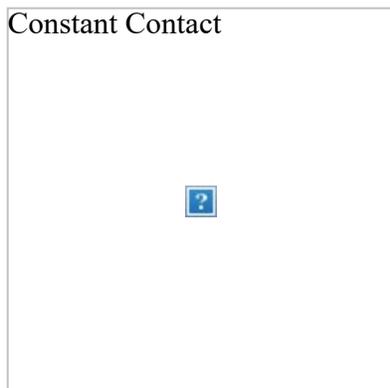
NAME	Direct Labor Total	Contribution to Prime Consultant
------	--------------------	----------------------------------

Material Service Testing		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00

Total 0.00 0.00

From: [Constant Contact Billing](#)
To: [Julie Cahill](#)
Subject: Constant Contact Payment Receipt for Julie Cahill
Date: Wednesday, October 23, 2019 1:30:42 AM

Thank you for your recent payment. Your payment receipt is found below.



Payment Receipt
for October 23, 2019

Christopher B. Burke Engineering, Ltd.
Attn.: Julie Cahill
9575 W. Higgins Road
Suite 600
Rosemont, IL 60018
US
8478230500

Today's Date: October 23, 2019
Payment Date: October 23, 2019
Payment Method: American Express

User Name: jcahill@cbbel.com

Thank you for your payment!

Description	Amount Paid
Payment - Credit Card	\$47.81

Amounts shown may reflect sales tax which is applicable in certain areas.

Note you can continue to view payment receipts online. Log into your Constant Contact account, click the [My Account](#) link in the upper right hand corner of the Home page, and choose the View Payment Receipts option.

You may also use the Opt In/Out of Payment Receipt E-Mails link on the [My Account](#) page to opt out of receiving payment receipt emails in the future.

We appreciate your business.
Best Regards,
Constant Contact Billing
1601 Trapelo Road, Suite 329 - Waltham, MA 02451

Questions? Please give us a call!
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And if you haven't yet checked out **Constant Contact Community**, don't wait another minute! Community empowers small organizations to gain maximum impact from their marketing activities by offering a place for conversation, connection and collaboration with others like them to learn, share and grow their business. [Check it out today!](#)



The Burke Group
 9575 W. Higgins Rd.
 Rosemont, IL 60018
 February 27, 2017

Code	Description	Price	Per
111	8.5x11 RIP'd Color laser copies. Fiery's	\$ 0.60	per side
117	11x17 RIP'd Color laser copies. Fiery's	\$ 0.70	per side
151	Premium color poster	\$ 4.00	sqft
155	Operator required-processing charge	\$ 25.00	quarter hr
157	Color scan to pdf	\$ 1.40	sqft
400	8.5x11 B/W impressions	\$ 0.07	page
400W	8.5x11 B/W impressions (Walk Up)	\$ 0.07	page
403	8.5x11 Color paper stock	\$ 0.10	sheet
404	8.5x11 Card Stock	\$ 0.12	sheet
405	8.5x11 Sticky Back	\$ 1.00	sheet
409	Clear 4 mil mylar cover	\$ 0.50	sheet
413	8.5x11 Monochrome scan	\$ 0.075	side
413-1	11x17 Monochrome scan	\$ 0.075	side
414	8.5x14 B/W impression	\$ 0.12	sheet
417	11x17 B/W Impression	\$ 0.12	page
417W	11x17 B/W Impression(Walk Up)	\$ 0.09	page
418	11x17 Card Stock	\$ 0.19	sheet
419	11x17 Colored paper	\$ 0.16	sheet
420	1/4 Plastic comb binding	\$ 1.40	each
421	3/8 Plastic comb binding	\$ 1.60	each
422	1/2 Plastic comb binding	\$ 2.40	each
423	5/8 Plastic comb binding	\$ 2.50	each
424	3/4 Plastic comb binding	\$ 2.75	each
425	7/8 Plastic comb binding	\$ 2.90	each
426	1" Plastic comb binding	\$ 3.05	each
427	1-1/8" Plastic comb binding	\$ 3.55	each
428	1-1/4" Plastic comb binding	\$ 3.85	each
429	1-1/2" Plastic comb binding	\$ 4.00	each
430	1-3/4" Plastic comb binding	\$ 4.50	each
431	2" Plastic comb binding	\$ 4.70	each
438	Stapling	\$ 0.05	set
444-1	Plastic jackets	\$ 1.25	each
444	Misc. Charges	\$ 1.25	each
455	Imaging on tabs	\$ 0.15	impression
456	Tab card stock	\$ 0.75	sheet
470	Handwork	\$ 45.00	hour
472	Fan folding 11x17 to 8.5x11	\$ 0.03	sheet
473	Inserting	\$ 0.04	sheet
474	Drilling-Standard 2 or 3 holes	\$ 2.50	500 sheets
502	8.5x11 small format color scan	\$ 0.075	per side
502-1	11x17 Small format color scan	\$ 0.075	per side
580	Mounting on 3/16 foamcore	\$ 3.45	sqft
73	overtime	\$ 50.00	hour
77777	Paper per case or package 8.5x11, 8.5x14, 11x17	Subject to	change
800	Digital bond prints/plots	\$ 0.18	sqft
800h	Half size bond prints/plots	\$ 0.18	sqft
802	Scan Setup	\$ 2.00	sheet
822	Scan to file	\$ 2.00	sheet
850	Large document velium prints	\$ 0.40	sqft
872	Folding	\$ 0.05	sqft
870	Handwork	\$ 45.00	hour
885	Mylar reproduction	\$ 1.75	sqft
900	Digital bond prints/plots	\$ 0.18	sqft
900h	Half size bond prints/plots	\$ 0.18	sqft
905	Color inkjet plots	\$ 4.00	sqft
905-0	EGG (Engineering Grade) plots	\$ 1.35	sqft
905-2	EGG Scans	\$ 6.00	sheet
910	Mylar prints/plots	\$ 1.75	sqft
924	Burn a CD	\$ 12.00	each
925	File conversion processing	\$ 0.75	sheet
950	Vellum Plots	\$ 1.25	sqft

NEW CODE

**PAYROLL ESCALATION TABLE
FIXED RAISES
COST PLUS FIXED FEE**

FIRM NAME
PRIME/SUPPLEMENT

Material Service Testing, Inc.
Prime

DATE 11/21/19
PTB NO. _____

CONTRACT TERM 18 MONTHS
START DATE 3/1/2020
RAISE DATE 3/1/2021

OVERHEAD RATE 160.39%
COMPLEXITY FACTOR 0
% OF RAISE 3.00%

ESCALATION PER YEAR

3/1/2020 - 3/1/2021

3/2/2021 - 9/1/2021

12
18

6
18

= 66.67%
= 1.0100

34.33%

The total escalation for this project would be:

1.00%

QA TESTING TASKS AND DESCRIPTIONS, Evanston-Howard Street Corridor Improvement Project - Phase III

Task No.	Description	Type	AASHTO/ASTM	Unit Rate**	Quantity	Total
1	Conduct a passing TSR test using 150-mm molds and Superpave gyratory compaction using current IDOT procedure. May require more than one TSR if antistriper is required. (Includes aggregate separation, batching, blending, mixing)	HMA	T 283	1363.00		0.00
2	Superpave bituminous mix design verification: A: Gmm; Gmb; two ignition oven tests with washed gradation; reflux extraction; and asphalt content and gradation correction factor determination from ignition and reflux. Verification conducted from premixed, pre-made samples ready for testing. Includes TSR on provided specimens prepared at required air void content.	HMA	Gmm -T 209 Gmb -T 166 Ign - T 308 Ext - T 164 TSR - T 283 Gradation -T 27	1352.00		0.00
3	Superpave bituminous mix design verification (for N90 and N105): B: Gmm; Gmb; two ignition oven tests with washed gradation; reflux extraction; and asphalt content and gradation correction factor determination from ignition and reflux; reflux extraction of one Gmm test sample; reflux extraction of one Gmb test sample. Verification conducted from premixed samples ready for testing. Includes TSR on provided specimens prepared at required air void content.	HMA	Gmm -T 209 Gmb -T 166 Ign - T 308 Ext - T 164 TSR - T 283 Gradation -T 27	1881.00		0.00
4	Single point asphalt mix design: Includes aggregate separation, washed gradations, blending, mixing, Gmm, Gmb, and analysis	HMA	Gradation -T 27 Mixing -TP 4 Gmm -T 209 Gmb -T 166	1500.00		0.00
5	Superpave bituminous mix design including Hamburg Wheel: A: Gmm; Gmb; two ignition oven tests with washed gradation; reflux extraction; and asphalt content and gradation correction factor determination from ignition and reflux. Verification conducted from premixed, pre-made samples ready for testing. Includes TSR on provided specimens prepared at required air void content.	HMA	Gmm -T 209, T384 Gmb -T 166 Ign - T 308 Ext - T 164 TSR - T 283 Gradation -T 27	1691.00		0.00
6	Superpave bituminous warm mix design(Chemical Only) AASHTO M323,AASHTO T209-05-Illinois Modified 4/1/08, AASHTO 166-07-Illinois Modified 4/1/10, AASTHOT308-09- Illinois Modified 4/1/10, AASHTO T164-94-Illinois Modified 4/1/10, AASHTO T283-02-Illinois Modified 4/1/09,AASHTO T30-93, Illinois Modified- 11/1/96. Includes Hamburg Wheel.	HMA	T209, T166, T308, T164, T283, T30	7250.00		0.00
7	Superpave HMA mix design . AASHTO T209-05-Illinois Modified 4/1/08, AASHTO 166-07-Illinois Modified 4/1/10, AASTHOT308-09- Illinois Modified 4/1/10, AASHTO T164-94- Illinois Modified 4/1/10, AASHTO T283-02-Illinois Modified 4/1/09,AASHTO T30-93, Illinois Modified- 11/1/96. Includes Hamburg Wheel.	HMA	T206, T166, T308, T164, T283, T30	6500.00		0.00
8	Superpave bituminous warm mix design(Chemical Only) AASHTO M323,AASHTO T209-05-Illinois Modified 4/1/08, AASHTO 166-07-Illinois Modified 4/1/10, AASTHOT308-09- Illinois Modified 4/1/10, AASHTO T164-94- Illinois Modified 4/1/10, AASHTO T283-02-Illinois Modified 4/1/09,AASHTO T30-93, Illinois Modified- 11/1/96. Includes Hamburg Wheel. FOAM METHOD	HMA	T209, T166, T308, T164, T283, T30	25000.00		0.00
9	Draindown test, an additional requirement for SMA and SML mix designs	HMA	T 305	151.00		0.00
10	Superpave bituminous mix design verification: A: Gmm; Gmb; and reflux extraction. Verification conducted from premixed samples ready for testing.	HMA	T 283	659.00		0.00
11	Reflux extraction using a plant or otherwise premixed sample, including wash gradation & splitting as needed. RAP & HMA	HMA	T 164 & T27	268.00	6	1608.00
12	Reflux extraction using a plant or otherwise premixed sample, including wash gradation & splitting as needed. RAS	HMA	T164, T30	600.00		0.00
13	Maximum specific gravity (Gmm or "D") using a plant or otherwise premixed sample, including splitting as needed (2 tests, averaged as one value).	HMA	T 209	219.00	6	1314.00
14	Mixture bulk specific gravity (Gmb or "d") using a plant or otherwise premixed sample, including splitting as needed (2 tests averaged as one value).	HMA	T 166	200.00	6	1200.00
15	Ignition oven test, reporting asphalt content only using a plant or otherwise premixed sample, including splitting as needed.	HMA	T 308	128.00		0.00
16	Ignition oven test, reporting asphalt content and washed gradation using a plant or otherwise premixed sample, including splitting as needed.	HMA	T 308 & T 27	180.00		0.00
17	Nuclear asphalt content – Conduct a nuclear asphalt content test using a plant or otherwise premixed sample, including pan preparation.	HMA	T 287	254.00		0.00
18	TSR verification using a plant or otherwise premixed sample.	HMA	T 283	557.00		0.00
19	Mix Analysis & TSR: Gmm, Gmb, and reflux extraction plus TSR completed on the same plant or otherwise premixed samples	HMA	T 209, T 166, T 164, T 283	1175.00		0.00
20	Core density testing, per core	HMA	T 166	67.00		0.00
21	Flow & Stability 6" specimens	HMA	T 245 Modified	231.00		0.00

22	Hamburg Wheel Testing on Pavement Cores includes prep and trimming the specimens (20,000 cycles @ 50C)	HMA	T 324	1475.00		0.00
23	Hamburg Wheel Testing on Loose HMA by SGC (20,000 cycles @ 50C)	HMA	T 324	1250.00		0.00
24	Hamburg Wheel Testing on Pavement Cores includes prep and trimming the specimens (10,000 cycles @ 50C)	HMA	T 324	1475.00		0.00
25	Hamburg Wheel Testing on Loose HMA by SGC (10,000 cycles @ 50C)	HMA	T 324	1250.00		0.00
26	Hamburg Wheel on prepared sample AASHTO T324-Illinois Modified		T324	750.00		0.00
27	RAP - Loss of Abrasion using Micro-Deval (on Extracted Material)	HMA	T 327	431.00		0.00
28	RAP Aggregate Bulk Dry Specific Gravity (Gsb)	HMA		207.00		0.00
29	Warm Mix Asphalt (WMA) Mix Design using a Foamer (four point design includes aggregate generation, mixing, blending, TSR and four ignition batches)	HMA	M 323 & T 283	N/A		
30	Average rate for HMA Level I Technician (per hour)	HMA		147.00		0.00
31	Average rate for HMA Level II Technician (per hour)	HMA		163.00		0.00
32	Average rate for HMA Level III Technician (per hour)	HMA		173.00		0.00
33	Average rate for Density Technician (per hour)	HMA		137.00		0.00
34	AASHTO D7313 standard for the DCT - On prepared specimens Deliver to Lab	HMA		400.00		0.00
35	AASHTO D7313 standard for the DCT -For HMA plant samples delivered to lab required specimens	HMA		750.00		0.00
36	Concrete breaks: Cylinder (wet curing) using neoprene pads 6x12	PCC	T 22 (ASTM C39)	26.00	52	1352.00
37	Concrete breaks: Cylinder (wet curing) using neoprene pads 4x8	PCC		26.00		0.00
38	Concrete breaks: Cylinder (dry curing) using neoprene pads 6x12	PCC		24.00		0.00
39	Concrete breaks: Cylinder (dry curing) using neoprene pads 4x8	PCC	T 22 (ASTM C39)	24.00		0.00
40	Concrete breaks: Cylinder (sulfur capped) 6x12	PCC	ASTM 617 & 1231	48.00		0.00
41	Concrete breaks: Cylinder (sulfur capped) 4x8	PCC		48.00		0.00
42	Concrete breaks: Beams center point loading (with curing)	PCC	T 177	44.00		0.00
43	Concrete breaks: Beams 1/3 point loading (with curing)	PCC	(ASTM C78)	54.00		0.00
44	Concrete core cutting and sample preparation	PCC		170.00		0.00
45	Concrete Level I Technician with Equipment (per hour)	PCC		147.00		0.00
46	Concrete Level II Technician with Equipment (per hour)	PCC		163.00		0.00
47	Washed gradation including splitting as needed	AGG	T 27	133.00		0.00
48	Fine particle size classification – gradation and hydrometer analysis	AGG	T 88	170.00		0.00
49	Coarse aggregate specific gravity test, reporting Gsb, Gsa, Gsb (SSD) and absorption (Submerged Method)	AGG	T 85	205.00		0.00
50	Fine aggregate specific gravity test, reporting Gsb, Gsa, Gsb (SSD) and absorption (Submerged Method)	AGG	T 84	259.00		0.00
51	Aggregate specific gravity verification – Fine aggregate (Submerged Method)	AGG	T 84	200.00		0.00
52	Aggregate specific gravity verification – Coarse aggregate (Submerged Method)	AGG	T 85	229.00		0.00
53	Aggregate voids - Fine Aggregate	AGG		250.00		0.00
54	Aggregate voids - Coarse aggregate	AGG		250.00		0.00
55	Aggregate specific gravity verification – reclaimed asphalt pavement (RAP- Vacuum Method)	AGG	Manual of Test Procedures Appendix B21	208.00		0.00
56	Aggregate specific gravity verification – recycled asphalt shingles (RAS - Vacuum Method) average of two tests	AGG	T 209 (Modified)	219.00		0.00
57	Slag counts (Ignition test plus count)	AGG		229.00		0.00
58	Aggregate proctors (complete) MOD	AGG	T 180	250.00		0.00
59	Fine Aggregate Angularity (FAA)	AGG		161.00		0.00
60	Flat and Elongated	AGG		150.00		0.00
61	ASTM D6928 and 7428 Resistance of Coarse/Fine Aggregate to Degradation by abrasion in Micro-Deval apparatus	AGG		380.00		0.00
62	Aggregate Technician 5 day (per hour)	AGG		158.00		0.00
63	Standard Proctor	SOIL	T 99	175.00		0.00
64	Liquid & Plastic Limit	SOIL	T 89 & T 90	155.00		0.00
65	Hydrometer Analysis (AASHTO T88)	SOIL	T 88	206.00		0.00
66	Soils Technician (S-33 Certified)	SOIL		158.00		0.00

67	Laboratory Technician (per hour) IDOT Laboratory (Level II)	MISC		158.00		0.00
68	Source Inspector (per hour) (Non-union)	MISC		176.00		0.00
69	Sample pick-up (per hour)	MISC		300.00		0.00
70	Core cutting: traffic control only	MISC		Actual Cost (requires 2-3 quotes)		
71	Core cutting: mobilization to job site	MISC		Actual Cost (requires 2-3 quotes)		
72	Core cutting: coring for density, per core under 12" depth	MISC		170.00		0.00
73	Core cutting: coring for density, per core over 12" depth	MISC		198.00		0.00
74	Core sawing: concrete & bituminous	MISC		76.00		0.00
75	Polarized Light Microscopy (PLM) – Test method to identify asbestos following: EPA 600/R-93/116. Laboratories shall be accredited through the National Institute of Standards and Technology (NIST).	MISC		39.00		0.00
76	Project Manager	MISC		176.00		0.00
77	Mileage (*per IDOT policy)	MISC	up to State Rate Maximum			0.00
78	Vehicle Cost (daily)	MISC		65.00		0.00
79	Average rate for Overtime (per hour)	MISC	1.5 times hourly rate			0.00
80	Average rate for Overtime Holidays and Sundays (per hour)	MISC	2.0 times hourly rate			0.00
81	Average Night Differential, additional cost for labor outside standard working hour, (per hour)	MISC	1.15 times hourly rate			0.00
82	Per Diem	MISC		Negotiated		
83	Accommodations	MISC		Negotiated		
84	PGE Gradation Test - Washed or Dry	AGG		347.00		0.00
85	Organic Content By Wet Combustion	SOIL		92.00		0.00
86	Concrete Core Specimen - preparation and compression tests-per core	PCC		75.00		0.00
87	Compressive Strength of Lightweight Insulating Concrete-per cylinder	PCC		48.00		0.00
88	Shotcrete Panel Coring - 6 cores per panel	PCC		300.00		0.00
89	Compressive Strength of Shotcrete Panel Cores-per core	PCC		75.00		0.00
90	Nuclear Density Gauge - Per Day	MISC		95.00		0.00
91	Determination of Applied Prime	HMA		158.00		0.00
	Total					5474.00
**	For Expedited Services (48 hour or less turnaround) there is a 50% upcharge to Standard Rates.					



CHRISTOPHER B. BURKE ENGINEERING, LTD.

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

December 2, 2019

City of Evanston
2100 Ridge Avenue
Evanston, IL 60201-2798

Attention: Sat Nagar, Senior Project Manager

Subject: Howard Street, Phase III Engineering Services

Dear Sat:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal to provide construction engineering services for the Howard Street Improvements Project. The limits of the project are Howard Street from Hartery Avenue to Callan Street. The project will be constructed in three distinct Phases over 2 construction seasons (2020 and 2021) and is currently scheduled for a January 2020 letting.

Below is our Understanding of the Assignment, proposed Scope of Services and Estimate of Fee.

UNDERSTANDING OF THE ASSIGNMENT

The CBBEL construction staff and our subconsultants, including Material Service Testing, Inc., will diligently represent the City of Evanston on a day to day basis. Our goal is to handle all issues directly on site so that the only feedback the City receives is compliments on a successful project. This project will require a very proactive approach given that several businesses and residents along the corridor will be impacted by the proposed construction improvements. The project will also require experience with the installation of utilities, traffic control, erosion control, PCC pavement and flatwork, traffic signals, landscaping and pavement markings. The CBBEL team has experience with this scope of work and will ensure that the contractor meets the intent of the contract plans and specifications.

CBBEL will hold a pre-construction field meeting with all utility agencies to establish the appropriate contacts to resolve any conflicts and coordinate adjustments in a timely manner. CBBEL will coordinate with the City to verify that all existing water valves are in

good operating condition to ensure a proper shutdown of the water main so that all who are affected are properly notified.

Our proposed team is versed with IDOT documentation and procedures. Much of our staff is certified with IDOT for Documentation of Contract Quantities. CBBEL believes in administering the project close-out from set-up through the end of the project in order to minimize the duration for final close-out after substantial completion.

SCOPE OF SERVICES

Task 1 – Pre-Construction Services:

- Attend a pre-construction conference with the contractor, City, and other parties.
- Attend any public information meetings with the contractor, City, and other parties.
- Obtain from the contractor a list of proposed suppliers and subcontractors. Make recommendations to the City regarding the suitability of the subcontractors for the proposed work.
- Review the construction schedule submitted by the contractor for compliance with the contract.
- Review the plans for constructability and potential conflicts. Complete preliminary design and layout of ADA corners at areas where existing grades may make it difficult to build the sidewalk according to IDOT standards.

Task 2 – Construction Observation:

Construction Observation

- A. Observe the progress and quality of the executed work. Determine if the work is proceeding in accordance with the Contract Documents. CBBEL shall keep the City informed of the progress of the work, guard the City against defects and deficiencies in the work, and advise the City of all observed deficiencies of the work and disapprove or reject all work failing to conform to the Contract Documents.
- B. Provide extensive on-site observations of the work in progress and field checks of materials and equipment through a Resident Engineer and Inspectors (as necessary), who shall:
 - Serve as the City's liaison with the contractor working principally through the contractor's field superintendent.
 - Be present whenever the contractor is performing work on-site, associated with the project.
 - Attend all construction conferences. Arrange a schedule of progress meetings and other job conferences as required. Maintain and circulate copies of records of the meetings.

- Review contractor's progress on a bi-weekly basis and update the progress schedule. Compare actual progress to the contractor's approved schedule. If the project falls 14 calendar days behind schedule, work with the contractor to determine the appropriate course of action to get back on schedule. The contractor is required to submit a revised schedule for approval prior to further payments being made.
 - Maintain orderly files of correspondence, reports of job conferences, shop drawings and other submissions, reproductions or original contract documents including all addenda, change orders and additional drawings issued subsequent to the award of the contract.
 - Record names, addresses and telephone numbers of all contractors, subcontractors, and major material suppliers.
- C. Determine if the project has been completed in accordance with the contract documents and if the contractor has fulfilled all obligations.
- D. Except upon written instruction of the City, the Resident Engineer or Inspector shall not authorize any deviation from the Contract Documents.
- E. Alert the Contractor's field superintendent when materials or equipment are being installed before approval of shop drawings or samples, where such are required, and advise the City when it is necessary to disapprove work as failing to conform to the Contract Documents.
- F. The Resident Engineer provided by CBBEL will be familiar with the frequency of QA testing as required by the City or IDOT and outlined in their Project Procedures Guide. The Resident Engineer will coordinate the QA material testing and review all required reports submitted by both the contractor's QC sub-contractor and City's QA consultant for compliance with the project specifications.
- G. The CBBEL team is familiar with the level of effort necessary to keep adjacent businesses and residents informed of the status throughout this lengthy and disruptive project. CBBEL will distribute materials, address all stakeholder concerns, and coordinate all construction related impacts with stakeholders. CBBEL will identify one person on our team to act as the stakeholder liaison and all information will flow through them. Public outreach may include a website, social media, mailers, handouts, etc. to successfully coordinate the project.
- H. CBBEL will coordinate with CDOT throughout the project and keep them informed of all progress meetings and other issues.

Traffic Control Inspection

Perform barricade checks as outlined in Section 700: Work Zone Traffic Control of IDOT's Construction Manual. At a minimum, CBBEL shall perform the following:

- One detailed daytime inspection per week and two detailed nighttime inspections per month. These inspections shall be recorded in a format in accordance with City policy or Form BC 726, Traffic Control Inspection Report.

- In addition, the Resident Engineer will drive through the jobsite daily and document the drive through in the project diary.
- Also, during any proposed winter shutdowns, two drive-thrus per week will be performed.

If major deficiencies are observed, the Resident Engineer will notify the contractor immediately and insure that the contractor takes the appropriate actions as outlined in the contract documents.

Construction Documentation

- A. Keep an inspector's daily report book in the City's format, or other required format appropriate for the project, recording hours on the job site, weather conditions, general and specific observations, daily activities, quantities placed, inspections, decisions, and list of visiting officials, as outlined in IDOT's Construction Manual. Use ICORS to document the diary and daily quantities for any projects including IDOT or Federal Funding.
- B. Prepare pay estimates and change orders. Review applications for payment with the Contractor for compliance with established submission procedure and forward them with recommendations to the City. Use ICORS to process pay estimates and change orders for any projects including IDOT or Federal Funding.
- C. Obtain and document all material inspection received from the Contractor as outlined in the Project Procedures Guide of IDOT's Construction Manual. Use MISTIC to document any materials for any projects including IDOT or Federal Funding.

Task 3 – Survey: *Layout Verification*

- Verify initial geometric controls.
- Perform periodic measurements to assure the contractor's construction staking and construction layout is accurate per plans.
- Perform before and after cross sections of earth excavation to verify quantities as required by IDOT.

Task 4 – Utility Coordination:

- Assist the City before the project begins to have all utilities in conflict with the proposed sidewalk relocated. Communicate with the IDOT Utility Section to issue permits in a timely manner.
- Cooperate with the contractor in dealing with the various local agencies and utility companies having jurisdiction over the Project in order to complete service connections to public utilities and facilities.

- During construction, review contractor layout and compare with JULIE utility markings to identify conflicts that have not been relocated. Propose redesign of sidewalk construction when possible, or communicate additional utility relocation with each utility company.

Task 5 – Project Closeout:

- CBBEL will review and verify the accuracy of the contractor’s record drawings. During construction, the CBBEL Resident Engineer will keep diligent records of changes to verify contractor accuracy. In addition, CBBEL will provide as-built drawings in a shape file per COE Water Department requirements.
- Prior to final inspection, submit to the Contractor a list of observed items requiring correction and verify that each correction has been made.
- Conduct final inspection with the City and prepare a final list of items to be corrected.
- Verify that all items on the final list have been corrected and make recommendations to the City concerning acceptance.
- CBBEL will provide a shape file of all City utilities meeting the requirements of the City.

ESTIMATE OF FEE

Our fee for services is \$999,992.89. An itemized breakdown is provided on the attached Cost Estimate of Consultant Services.

Please feel free to contact us anytime.

Sincerely,

Michael Kerr, PE
Executive Vice President

THIS PROPOSAL ACCEPTED BY:

BY: _____
TITLE _____
DATE: _____

Christopher B. Burke
Engineering, Ltd.

BY: _____
TITLE _____
DATE: _____

City of Evanston

RE
 Inspector
 Doc Tech/Engineer
 Total

2020												Yearly Total
PRE					CONST OBSERVATION					DOCUMENTATION		
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		20	80	80	40	200	200	200	160	160	100	1240
					20	40	40	40				140
					20	40	40	40	40	40	40	260
0	0	20	80	80	80	280	280	280	200	200	140	1640
	0	20	80	80	80	280	280	280	200	200	140	

RE
 Inspector
 Doc Tech/Engineer
 Total

2021												Yearly Total
DOCUMENTATION			CONST OBSERVATION						CONST/CLOSE OUT			
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
100	100	160	240	240	240	240	240	240	200	160	100	2260
			240	240	240	240	240	240	200			1640
40	40	40	120	120	120	120	120	120	120	120	105	1185
140	140	200	600	600	600	600	600	600	520	280	205	5085
140	140	200	600	600	600	600	600	600	520	280	205	

2020 1640
 2021 5085
 sum 6725



Local Public Agency Resident Construction Supervisor/ In Responsible Charge

Anthony Quigley
Regional Engineer
Department of Transportation
201 West Center Court
Schaumburg, Illinois 60196

County Cook
Municipality City of Evanston
Section 17-00281-00-RS
Route FAU 1334
Contract No. 61G30
Job No. C-91-188-18
Project CJ5G (950)

- 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.

Date Signature and Title (for the Local Public Agency)

Kevin Wilson, PE
Applicants Name (Type or Print)

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 prequalified in Construction Inspection and my Documentation of Contract Quantities certificate number is 17-12354.

See attached resume.

November 25, 2019 Date Signature of Applicant Assist. Dept. Head, Construction Engineering Job Title of Applicant

Based on the above information and my knowledge of the applicant's experience and training, it is my opinion that the applicant is qualified to serve as the resident construction supervisor on this construction project.

Approved Date Regional Engineer

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: 17
YEARS WITH CBBEL: 17

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. 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

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 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 full-depth 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

Gregory Renshaw, Research Engineer ICT



**Local Public Agency
Construction Inspector**

Anthony Quigley
Regional Engineer
Department of Transportation
201 West Center Court
Schaumburg, Illinois 60196

County	<u>Cook</u>
Municipality	<u>City of Evanston</u>
Section	<u>17-00281-00-RS</u>
Route	<u>FAU 1334</u>
Contract No.	<u>61G30</u>
Job No.	<u>C-91-188-18</u>
Project	<u>CJ5G (950)</u>

I consider the following individual to be qualified as a local public agency construction inspector. In addition, I certify that adequate instruction has been given this individual concerning the requirements of the contract, specifications and construction manual which pertain to the work which he/she will inspect. This individual has been instructed on the proper procedures for any necessary tests. Furthermore, if a consultant, this individual has a valid Documentation of Contract Quantities certification.

Approved November 25, 2019
Date

 Assistant Dept. Head, Construction Engineering
Signature and Title of Resident Construction Supervisor

Michael Rodak
Applicants Name (Type or Print)

The following describes the educational background, experience and other qualifications of the named applicant to serve as an inspector on this project.

For Consultants Employees: Documentation of Contract Quantities certificate number is 17-12678.

See attached resume.

If the Resident from BC-775 is a consultant, the local public agency employee in responsible charge must also approve this individual.

Approved _____
Date

Signature and Title of In Responsible Charge from BC-775



YEARS EXPERIENCE: 32

YEARS WITH CBBEL: 1

EDUCATION

Bachelor of Science, 1987
Civil Engineering & Technology
Southern Illinois University

Associate in Science, 1983
College of DuPage

CERTIFICATIONS

Documentation of Contract
Quantities, IDOT, 17-12678

Illinois Construction Records
System (ICORS) Training
Seminar, IDOT

Materials Management of
Job Sites, IDOT

PROFESSIONAL DEVELOPMENT

ACI Concrete Field Testing
Technician - Grade I

Quality Management,
American Society of Quality

IDOT QC/QA Courses:
Mixture Aggregate
Technician Course

Bituminous Concrete Density
Tester Course

Hot Mix Asphalt Level I & II

Portland Cement Concrete
Level I & II

Construction Materials
Inspection Documentation
Course

Division of Aeronautics (IDA)
RE Training

Michael Rodak

Senior Construction Engineer

Mr. Rodak is experienced in construction engineering for highway and municipal roadways, bridges and related infrastructure construction. He brings to CBBEL 31 years of experience serving as an Assistant Resident Engineer, Resident Engineer, Senior Materials Coordinator, and Project Manager for public agency, municipal, and private development projects. Mr. Rodak also has experience in geotechnical and construction materials engineering. He is currently responsible for managing various construction engineering projects and any associated junior staff.

US Route 52 & River Road (IDOT Contract #61D82), Shorewood: Resident Engineer. \$3.2 million project consisting of HMA surface removal and resurfacing, pavement widening, combination concrete curb and gutter removal and replacement, construction of a new pedestrian bridge, new drainage structures and storm sewer, removal and replacement of the roadway lighting and traffic signals, ditch regrading, landscaping, sidewalk replacement, and installation of detectable warnings. Construction was performed in 3 stages and was coordinated with local businesses in order to maintain access to them at all times.

Reconstruction of I-55 (Stevenson Expressway) and US 41 (Lake Shore Drive) Interchange Outbound Structures, IDOT*: Materials Coordinator. \$74 million bridge, retaining walls, and pavement reconstruction project which consisted of 3 new bridges construction, roadway reconstruction, retaining wall construction, bridge removal, utility and water main relocation, special waste excavation, earth excavation and embankment, new storm and combined sewers, relocation of Metra catenary and overhead power lines, sidewalks, curb and gutter, pavement marking and signage, roadway lighting, ITS, concrete abutments, steel furnishing and erection, bridge deck and parapets, traffic control and protection, and urban enhancements.

Bishop Ford at Stony Island Feeder Interchange, IDOT*: Materials Coordinator. \$42 million bridge and pavement reconstruction project consisting of 2 complete bridge replacements, 2 new bridge decks and bearing replacement, 2 bridge rehabilitations and 1 bridge removal. Construction included new traffic signal and drainage improvements at 2 intersections on 103rd Street. Project also included reconstruction of Stony Island Extension, which included new jointed pavement and drainage improvements. Project contained work on multiple interchange ramps and various electrical improvements project wide.

DuPage Airport, Runway 2R-20L Extension and Safety Area Improvements*: Resident Engineer. \$3.5 million runway extension project. Work consisted of airfield pavement removal, construction of 1343' of new 100-foot wide PCC pavement, including grading/mass earthwork, new granular sub base, and new asphalt treated permeable base course. Drainage improvements, runway lighting improvements, signage modifications, pavement under drain system installation, and pavement removal and remarking were also performed. IDOT IDEA documentation procedures were followed.

Chicago Shoreline Protection Project (43rd to 45th Street Revetment Reconstruction)*: Materials Coordinator/Assistant Resident Engineer. \$13.8 million reconstruction of Lake Michigan shoreline revetment. Work consisted of excavation and demolition of existing revetment, salvage, storing and reusing existing limestone blocks for offshore reef structure. New revetment consisted of anchored sheet pile bulkhead, extending 10 to 30' lakeward, with wales and tie-rods. Concrete rubble fill was imported and processed prior to placement. H-pile foundations were installed for new reinforced concrete slabs, step stones, and wave deflectors. Work scope also included construction of miscellaneous concrete structures, placement of new earth fill, construction of new lake-front trail, and widening/resurfacing of the existing trail. Project was administered by CDOT and included project specifications developed by USACE and Chicago Park District. CDOT project documentation procedures were utilized.

I-57 Resurfacing, Will County, IDOT District One*: Materials Coordinator. \$11.4 million resurfacing of I-57 from Will County Line Road to just north of 175th Street. Work included inspection of milling of existing HMA surface and placing of Polymerized HMA binder course and surface course on the mainline. Also included was the milling and resurfacing of ramps and shoulders, placement of pavement markings, Class A patching and detector loops.

Arterial Street Resurfacing, CDOT/ARRA Streets, Central and North Areas, Chicago*: Resident Engineer. \$14.5M project funded by the American Recovery and Reinvestment Act (ARRA). Project rehabilitated over 15 miles of City of Chicago arterial roadways. Work included pavement patching and resurfacing of 20 City streets. Other work performed included curb and gutter replacement, sidewalk replacement, PCC bus pad installation, traffic signal and Red-Light Camera work, tree planting and landscaping. Project streets were located in business and residential areas with several streets located within the Loop.

Cantera, Warrenville*: Project Manager. \$39 million, 650-acre multi-use private development, constructed on site of former sand and gravel quarry. Earthwork operations involved moving 3.5 million cubic yards of soil. Infrastructure work included sanitary sewer, storm sewer, water main, roadway widening, intersection reconfiguration (signals and roadway), roadway and bike path construction, parking lot construction, and

water tower construction. Project management included liaison to public agencies, review contractor bids and recommend contractor selections, prepare construction estimated budgets and schedules, direct and submit documentation on all soil and construction materials testing, prepare contractor pay recommendations, coordinate and manage infrastructure construction.

**prior experience*



Certificate of Proficiency

This certificate is awarded to

Michael Rodak

for successfully completing the examination for

Documentation of Contract Quantities

Certificate Number: 17-12678
Effective Date: 4/5/2017
Expiration Date: 4/5/2021
Professional Development Hours: 0

A handwritten signature in black ink, appearing to read 'Paul A. Loete', positioned above a horizontal line.

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

A handwritten signature in black ink, appearing to read 'Gregory Renshaw', positioned above a horizontal line.

Gregory Renshaw, Research Engineer ICT