

STATE OF ILLINOIS)

COUNTY OF COOK) SS.

COUNTY OF WILL)

CLERK'S CERTIFICATE

I, **KRISTIN A. THIRION**, the duly elected and qualified Village Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois, do hereby certify that attached hereto is a true and correct copy of the Resolution now on file in my office, entitled:

RESOLUTION NO. 2017-R-043

A RESOLUTION APPROVING A CONSTRUCTION ENGINEERING SERVICES AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING, LTD. FOR THE RESURFACING OF 84TH AVENUE – FROM 159TH STREET TO 171ST STREET

which was passed by the Board of Trustees of the Village of Tinley Park at a regular meeting held on the 5th day of September, 2017, at which meeting a quorum was present, and approved by the President of the Village of Tinley Park on the 5th day of September, 2017.

I further certify that the vote on the question of the passage of the said Resolution by the Board of Trustees of the Village of Tinley Park was taken by the Ayes and Nays and recorded in the Journal of Proceedings of the Board of Trustees of the Village of Tinley Park, and that the result of said vote was as follows, to-wit:

AYES: Younker, Pannitto, Berg, Brady, Glotz, Mangin

NAYS: None

ABSENT: None

I do further certify that the original Resolution, of which the attached is a true copy, is entrusted to my care for safekeeping, and that I am the lawful keeper of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Village of Tinley Park, this day of , 2017.

Village Clerk

RESOLUTION NO. 2017-R-043

A RESOLUTION APPROVING A CONSTRUCTION ENGINEERING SERVICES AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING, LTD. FOR THE RESURFACING OF 84TH AVENUE – FROM 159TH STREET TO 171ST STREET

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a Agreement with Robinson Engineering, a true and correct copy of such Engineering Agreement being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Agreement be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Agreement" be entered into and executed by said Village of Tinley Park, with said Agreement to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Agreement.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 5th day of September, 2017, by the Corporate Authorities of the Village of Tinley


Park on a roll call vote as follows:

AYES: Younker, Pannitto, Berg, Brady, Glotz, Mangin

NAYS: None

ABSENT: None

APPROVED this 5th day of September, 2017, by the President of the Village of Tinley Park.



Village President

ATTEST:



Village Clerk

EXHIBIT 1

Local Agency Village of Tinley Park	L O C A L A G E N C Y	 Illinois Department of Transportation Construction Engineering Services Agreement For Federal Participation	C O N S U L T A N T	Consultant Robinson Engineering, Ltd.
County Cook				Address 17000 South Park Avenue
Section 17-00119-00-RS				City South Holland
Project No. MU65(437)				State Illinois
Job No. C-91-257-17				Zip Code 60473
Contact Name/Phone/E-mail Address Kevin Workowski (708) 444-5510 kworkowski@tinleypark.org				Contact Name/Phone/E-mail Address William Dolan, PE (708) 210-5677 wdolan@reltd.com

THIS AGREEMENT is made and entered into this 5th day of September, 2017 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT described herein. Federal-aid funds allotted to the LA 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	Authorized representative of the LA in immediate charge of the engineering details of the PROJECT
In Responsible Charge	A full time LA employee authorized to administer inherently governmental PROJECT activities
Contractor	Company or Companies to which the construction contract was awarded

Project Description

Name 84th Avenue Route FAU 1619 Length 1.5 Mi. Structure No. N/A

Termini 159th Street to 171st Street

Description: HMA surface removal and overlay with curb & gutter repair, ADA sidewalks and all incidental work 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 LA, 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 LA; 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 LA 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 LA 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 LA by the required form and number of copies, all partial and final payment estimates, change orders, records, documentation and reports required by the LA and the STATE.
 - m. Revision of contract drawings to reflect as built conditions.
 - n. Act as resident construction supervisor and coordinate with the LA 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 LA 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 LA 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 LA. 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 LA 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 LA 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 LA. Should any damage to persons or property result from the ENGINEER's error, omission or negligent act, the ENGINEER shall indemnify the LA, 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 LA.
 9. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.
 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 LA.
 12. To submit all invoices to the LA 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 LA AGREES,

1. To furnish a full time LA 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 LA, 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 LA, 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 LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA 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 LA, 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 LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA 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.

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 LA employee In Responsible Charge. The ENGINEER shall complete all services specified herein within a time considered reasonable to the LA, 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 LA 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 LA upon written notice to the ENGINEER, at the ENGINEER's last known address, with the understanding that should the AGREEMENT be terminated by the LA, 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 LA.
- 5. That any differences 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.
- 6. That in the event the engineering and inspection services to be furnished and performed by the LA (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 LA.

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 LA deems appropriate.

Agreement Summary


Prime Consultant:	TIN Number	Agreement Amount
Robinson Engineering, Ltd.	36-2407339	\$74,971.00
Sub-Consultants:	TIN Number	Agreement Amount
Geocon Professional Services	45-0644817	\$12,000.00
Sub-Consultant Total:		\$12,000.00
Prime Consultant Total:		\$74,971.00
Total for all Work:		\$86,971.00

Executed by the LA:

Village of Tinley Park
(Municipality/Township/County)

ATTEST:

By: 
 Kristin A. Thirion, Village Clerk

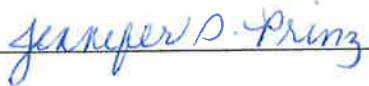
By: 
 Title: Jacob C. Vandenberg, Mayor


(SEAL)

Executed by the ENGINEER:

Robinson Engineering, Ltd.

ATTEST:

By: 
 Title: Jennifer S. Prinz, Director of Engineering

By: 
 Title: Patricia K. Barker, Vice President

Proposal for FAU 1619 84th Ave LAFO Resurfacing, Tinley Park, IL
GEOCON Proposal No. 17-P416

Sincerely,
GEOCON Professional Services, LLC



Doug R. Jury
Laboratory Manager

Attachments: Construction General Conditions

ACCEPTANCE OF PROPOSAL AND ENCLOSURES

FIRM: _____
SIGNATURE: _____
NAME: _____
TITLE: _____
DATE: _____



Geocon Proposal #		Estimate of Field & Laboratory Testing Inspection for FAU 1619 84th Ave LAFO Resurfacing Tinley Park												
Pay Item	Work Description	Quantity	Unit	Engineering Personnel (Hours)	Rate	Eng. Cost	Technician Personnel (Hours)		Rate	Tech. Cost	Laboratory Testing		Laboratory Cost	Pay Item Total
							Base Compaction Testing (Hours) *note 2,3,4	HMA Compaction Testing (Hours) *note 2,3,4	PCC Field Test (Hours) *note 2,3,4			PCC Cylinder Strength Test (ea.)	HMA Mix Sample Voids, VMA, Asphalt Binder	HMA Core Density (ea.)
40600827	Poly N50 IL4:75mm Level Binder MM	1,875	Ton					8.0		\$1,000.00		\$16.00	\$875.00	\$54.00
40603335	HMA Surface Cse N50 D	3,690	Ton					16.0		\$2,000.00				10
44201737	Class D Patches Ty I 8"	50	SqYd							\$0.00				
44201741	Class D Patches Ty II 8"	75	SqYd							\$0.00				
44201745	Class D Patches Ty III 8"	75	SqYd					4.0		\$500.00				3
44201747	Class D Patches Ty IV 8"	100	SqYd					4.0		\$500.00				3
Z0004522	HMA Driveway Pavement 6"	200	SqYd							\$0.00				
Z0004530	HMA Driveway Pavement 8"	30	SqYd							\$0.00				
42400200	PCC Sidewalk 5"	3,000	SqFt							\$0.00				
44200970	Class B Patches Ty II 10"	15	SqYd						4.0	\$500.00		5		
60603800	Comb Curb & Gutter Ty B 6.12	1,650	Ft							\$0.00				
60605000	Comb Curb & Gutter Ty B 6.24	750	Ft						4.0	\$500.00		5		
X4230720	PCC Driveway Pavement 7" Special	200	SqYd						4.0	\$500.00		5		
	Trip Charge 0.54/Mile (Portal to Portal)	12	Ea							\$0.00				
	Density Gauge	6	Day					8.0	4.0	\$240.00				
	Engineering Project Management	2	Hrs	2.0		\$332.00		6.0		\$240.00				
	Engineering Report Review	4.5	Hrs	4.5		\$495.00				\$0.00				
	Sub Totals			6.5		\$827.00	0.0	46.0	20.0	\$6,480.00		20	4	16
														Total
														\$11,991.00

Notes:

- Overtime will be invoiced at 1.5 x standard rate for work beyond eight (8) hours/day and Saturdays. 2 x standard rate for work on Sundays and holidays. 1.15 premiums for 2nd & 3rd shift
- Services and fees not listed will be quoted upon request. Payment for invoices will be due within 30 days of receipt of invoice.
- All field testing services will be with a minimum charge of 3 hours.
- Cylinder pickup will only be charged for days that a technician will not be onsite for PCC Testing.



2017 Construction Testing Rates

FIELD TESTING

Senior Engineering Technician Level I	\$125.00/Hour
• HMA Level I (Plant)Testing	
• HMA Density Testing	
• Soil Compaction	
• Sub-grade Inspections	
• Concrete Field Testing	
• Concrete Level I Plant Testing	
• Cylinder and Sample Pickup	
Trip Charge (Portal to Portal)	\$0.535/Mile
Core Machine Rental	\$145.00/Day
Nuclear Density Gauge	\$40.00/Day
PCC Cylinder Strength Testing	\$16.00/each
HMA Mix Sample (Volumetric Testing)	\$875.00/each
Senior Engineering Technician Level II	\$126.00/Hour
Senior Engineering Technician Level III	\$127.00/Hour

ENGINEERING SERVICES

Senior Project Engineer	
• Consultation	\$110.00/Hour
• Meeting Attendance	
• Report Review	
Principal Engineer	\$166.00/Hour
Administrative	\$71.00/hour

REMARKS:

1. All field testing services will be with a minimum charge of 3 hours.
2. Overtime will be invoiced at 1.5 x standard rate for work beyond eight (8) hours/day, Saturdays. 2 x standard rate for work on Sundays and holidays. 1.15 premiums for 2nd & 3rd shift.
3. Services and fees not listed will be quoted upon request. Payment for invoices will be due within 30 days of receipt of invoice.

GENERAL CONDITIONS
GEOCON PROFESSIONAL SERVICES, LLC
Construction Testing Services

Item 1. Scope of Work. GEOCON Professional Services, LLC (GEOCON) shall perform services in accordance with an "agreement" made with the "client". The agreement consists of GEOCON's proposal, Standard Fee Schedule, and these General Conditions. The "client" is defined as the person or entity requesting and/or authorizing the work, and in doing so, client represents and warrants that he is duly authorized in this role, even if performed on behalf of another party or entity, in which case the other party or entity is also considered as the client. The hiring of GEOCON signifies the acceptance of this proposal and the terms of this agreement.

The fees for services rendered will be billed in accordance with the Standard Fee Schedule; unit rates for services not covered in the Fee Schedule or elsewhere in the agreement can be provided. Any cost estimates stated in this contract shall not be considered as a firm figure unless otherwise specifically stated in this contract. The standard prices proposed for the work are predicated upon the client's acceptance of the conditions and allocations of risks and obligations described in the agreement. The client agrees to impart the terms of this agreement to any third party to whom client releases any part of GEOCON's work, GEOCON shall have no obligations to any party other than those expressed in this agreement.

Item 2. Site Access. The client will provide for the right-of-access to the work site. In the event the work site is not owned by the client, client represents to GEOCON that all necessary permissions for GEOCON to enter the site and conduct the work have been obtained. While GEOCON shall exercise reasonable care to minimize damage to the property, the client understands that some damage may occur during the normal course of work, that GEOCON has not included in its fee the cost of restoration of damage, and that client will pay for such restoration costs.

Item 3. Personnel Responsibility. The presence of GEOCON field representatives will be for the purpose of providing observation and field testing, and does not include supervision or direction of the actual work of the contractor, his employees or agents. The contractor (s) for this project should be so advised. The contractor should also be informed that neither the presence of, nor the observation and testing by GEOCON personnel shall excuse the contractor in any way for defects discovered in his work. It is understood that GEOCON will not be responsible for job or site safety of the project. Job and site safety will be the sole responsibility of the contractor unless contracted to others.

Item 4. Observations and Tests. The term "observation" implies only that GEOCON should observe the applicable portions of the work we have agreed to be involved with and perform tests, from which to develop an opinion as to whether the work essentially complies with the job requirements. Client shall cause all tests and observation of the site, materials, and work performed by GEOCON or others to be timely and properly performed in accordance with the plans, specifications and contract documents, and GEOCON's recommendations. No claims for loss, damage or injury shall be brought against GEOCON by client or any third party unless all tests and observations have been so performed and unless GEOCON's recommendations have been followed.

Item 5. Accuracy of Test Locations and Elevations. The accuracy and proximity of provided survey control will affect the accuracy of in-situ test location and elevation determinations. Unless otherwise noted, the accuracy of test locations and elevations will be commensurate only with pacing and approximate measurements or estimates.

Item 6. Degree of Certainty of Compliance. With any manufactured product, there are statistical variations in its uniformity, and in the accuracy of tests used to measure its qualities. As compared with other manufactured products, field construction usually has wider fluctuations in both product and test results. Thus, even with very careful observations and testing, it cannot be said that all parts of the product comply with the job requirements. Our proposal is for the Scope of Services requested by our client and as scheduled by the client or client's representative. The degree of certainty for compliance with project specifications is much greater with full-time observation and testing than it is with intermittent observation and testing.

Item 7. Hazardous Materials and Conditions. Prior to the start of services, or at the earliest time such information is learned, it shall be the duty of the client, or other involved or contacted parties, to advise GEOCON of any known or suspected undocumented fills, hazardous materials, by-products, or constituents, and any known environmental, geologic, and geotechnical conditions, which exist on or near any premises upon which work is to be performed by GEOCON employees or subcontractors or which in any other way may be pertinent to GEOCON's proposed services.

The discovery of unanticipated hazardous materials, or suspected hazardous materials, may require that special and immediate measures by exercised to protect the health and safety of GEOCON site personnel and/or the public. GEOCON may at its option and on the basis of its judgment and opinion, exercise such precautions to complete the project, or terminate further work on the project. In either case, the client will be notified as soon as practically possible, and the client agrees to bear all reasonable and equitable cost adjustments, if any, associated with such measures taken.

Item 8. Reports and Ownership of Documents. GEOCON will furnish three copies of the report to the client. Additional copies will be furnished to the owner or others at the rate specified in the fee schedule. All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by GEOCON as instruments of service, shall remain the property of GEOCON, unless there are other contractual agreements. GEOCON will retain final reports relating to the services performed for a period of 5 years following submission of the report. Client agrees to return upon demand and will not use for any purpose whatsoever all reports and other work furnished to client or his agent which are not paid for.

Item 9. Confidentiality. GEOCON shall hold confidential the business and technical information obtained or generated in performance of services under this agreement and identified in writing by the client as "confidential". GEOCON shall not disclose such information except if such disclosure is required by governmental statute, ordinance, or regulation; for compliance with professional standards of conduct for public safety, health, and welfare concerns; or for protection of GEOCON against claims or liabilities arising from performance of its services.

The technical and pricing information contained in any report or proposal submitted by GEOCON is to be considered confidential and proprietary, and shall not be released or otherwise made available to any third party without the express written consent of GEOCON.

Item 10. Standard of Care. GEOCON will perform the services under this agreement in accordance with generally accepted practice, in a manner consistent with that level of care and skill ordinarily exercised by members of this profession under similar circumstances. No other warranties implied or expressed, in fact or by law, are made or intended in this agreement. The client recognizes that subsurface soil, groundwater, and other materials can vary between sampling and testing points and with time, and that the interpretation of data, and opinions and recommendations made by GEOCON are based solely on obtained data. Such limitations can result in a redirection of conclusions and interpretations where new or changed information is obtained. GEOCON will not be responsible for the interpretation by others, of data obtained by GEOCON.

Item 11. Limitations of Liability. The client agrees to limit GEOCON's liability to the client and all parties claiming through the client or otherwise claiming reliance on GEOCON's services, allegedly arising from GEOCON's professional acts or errors and omissions, to a sum not to exceed the lesser of GEOCON's fees for the services performed on the project, or \$25,000.00, provided that such claims are not attributable to GEOCON's gross negligence or intentional misconduct. In this latter event, the limit of liability will be increased to \$25,000 less any applicable insurance amount covering alleged damages or claims. In no event shall GEOCON or any other party to this agreement, including parties which may have or claim to have a direct or indirect reliance on GEOCON's services, be liable to the other parties for incidental, indirect, or consequential damages arising from any cause.

Item 12. Insurance and Indemnity. GEOCON represents that the company maintains general liability and property damage insurance coverage considered adequate and comparable with coverage maintained by other similar firms, and that GEOCON's employees are covered by Workman's Compensation Insurance. Certificates of insurance can be provided to the client upon written request. GEOCON shall not be responsible for any loss, damage, or liability beyond the insurance limits and conditions. GEOCON agrees to indemnify the client from and save client harmless against any loss, damage, or liability stemming from acts of gross negligence by GEOCON. Except as expressly set forth in Item Nos, 11 and 12, the client agrees to hold GEOCON, its officers, directors, agents, and employees, harmless from any claims, suits or liability including but not limited to attorney fees, costs of settlement and other incidental costs, for personal injury, death, illness, property damage or any other loss, allegedly arising from or related to GEOCON's performance of work.

Item 13. Modification. This agreement and all attachments pursuant to this agreement represent the entire understanding between the parties, and neither the client nor GEOCON may amend or modify any aspect of this contract unless such alterations are reduced to writing and properly executed by the parties hereto. These terms and conditions shall supersede all prior or contemporaneous communications, representations, or agreements, and any provisions expressed or implied in the request for proposal, purchase order, authorization to proceed, or other contradictory provisions, whether written or oral.

Item 14. Termination. This agreement may be terminated by either party upon seven day's prior written notice. In the event of termination, GEOCON shall be compensated by the client for all services performed up to and including the termination date, including reimbursable expenses, and for the completion of such services and records as are necessary to place GEOCON's files in order and/or protect its professional reputation.

Item 15. Payment. Invoices for performed work will be submitted monthly for services rendered the prior month and/or upon completion of said services, payable within 30 days of invoice date. The fees quoted are based upon an expected timely payment. An interest charge of 1.5% per month will be added to delinquent charges; however, GEOCON at its option may terminate its services due to clients failure to pay when due. In the event of termination of services prior to completion, client shall compensate GEOCON for all services performed prior to and for such termination.

Item 16. Sample Disposal. Unless otherwise agreed, test specimens or samples will be disposed immediately upon completion of the test. All drilling samples or specimens will be disposed of thirty (30) days after submission of GEOCON's report.

ROBINSON ENGINEERING, LTD ("REL")

STANDARD TERMS AND CONDITIONS

CONTRACT – These Standard Terms and Conditions supplement the Agreement between the Local Agency ("LA") and the Consulting Engineer ("ENGINEER") [herein REL]:

STANDARD OF CARE - The standard of care for all professional engineering, survey or related professional services performed or furnished by REL under this Agreement will be the care and skill ordinarily used by members of the same profession practicing under similar circumstances at the same time and in the same locality. REL makes no warranties, express or implied, under this Agreement or otherwise, in connection with REL's services on this Project.

RELIANCE – REL may, without liability, rely on the accuracy and completeness of information provided by LA, LA's consultants and any contractors, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards without the need for verification.

CHANGES IN SCOPE –The proposed fees constitute REL's estimate to perform the services required to complete the Project. However, all required services are not always definable in the initial planning. Accordingly, circumstances may dictate a change in the scope of services to be performed. Where this occurs, changes in the Agreement shall be negotiated, an equitable adjustment made to REL's compensation and agreed to in writing by REL and LA.

DELAYS – REL shall complete its obligations within a reasonable time. If, through no fault of REL, such periods of time or dates are changed, or the orderly and continuous progress of REL's services is impaired, or REL's services are delayed or suspended, then the time for completion of REL's services, and the rates and amounts of REL's compensation, shall be adjusted equitably.

SUSPENSION & TERMINATION – LA may suspend the Project upon seven (7) days written notice to REL. If REL's services are substantially delayed through no fault of REL, REL may suspend services after giving seven (7) days written notice to LA. Either party may terminate this agreement upon thirty (30) days written notice to the other party in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

LA shall remain liable for, and shall promptly pay REL for all services rendered to the date of such suspension/termination of services plus suspension/termination charges incurred by REL. Suspension/ termination charges include the cost of assembling documents, personnel and equipment rescheduling or reassignment, and commitments made to others on LA's behalf.

OPINION OF PROBABLE COSTS - REL's opinions of probable Construction Cost are to be made on the basis of REL's experience and qualifications and represent REL's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, since REL has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, REL cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by REL.

REUSE OF PROJECT DELIVERABLES - All design documents prepared or furnished by REL are instruments of service, and REL retains all ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. LA shall not rely in any way on any Document unless it is in printed form, signed and sealed by REL or one of its Consultants.

RIGHT OF ENTRY – LA agrees to obtain legal right-of-entry on the property when entry to property is required by the work.

ENVIROMENTAL CONDITIONS OF SITE - REL's scope of services does not include any services related to any environmental issues related to the site including petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, or regulated by any Federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous waste, substance, or material.

RELATIONSHIP WITH CONTRACTORS – REL shall not at any time supervise, direct, or have control over any contractor's work, nor shall REL have authority over or responsibility for the means, methods, techniques, sequences, or procedures of

construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work. REL neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. REL shall have no authority to stop the work of any contractor on the Project.

LIMITATION OF LIABILITY – REL's total liability to LA for any and all claims for damages whatsoever, arising out of or in any way related to the Project or this Agreement, from any cause or causes, including but not limited to REL's negligence, errors, omissions, strict liability, or breach of contract, shall be limited as follows: REL's total liability shall not exceed the lesser of (1) \$1,000,000 (one million dollars) or (2) the remaining limits of any policy of insurance which provides coverage for LA's cause or causes of action, such remaining limits to be measured as of the date judgment is entered against REL or the date when LA and REL otherwise settle/resolve the cause or causes of action.

INSURANCE – REL shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and REL's business requirements. Certificates of Insurance shall be provided by REL upon written request.

MUTUAL WAIVER – To the fullest extent permitted by law, LA and REL waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.

GOVERNING LAW, JURISDICTION & VENUE – This Agreement shall be governed by, and construed in accordance with, the laws of the State of Illinois. Further, the parties agree and consent to the exclusive jurisdiction of the courts of the State of Illinois for all purposes regarding this Agreement and that venue of any action brought hereunder shall be exclusively in Cook County, IL.

NON-ENFORCEMENT – A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

ASSIGNMENT – A party shall not assign its rights or obligations pursuant to this Agreement without the express written permission and consent of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.


SURVIVAL – All express representations, waivers, indemnifications, and limitations of liability included in this Agreement shall survive its completion or termination for any reason.

THIRD PARTIES - Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by LA or REL to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement shall be for the sole and exclusive benefit of LA and REL and not for the benefit of any other party.

SEVERABILITY - Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon LA and REL, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.

STATUTE OF LIMITATIONS – to the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence to run, no later than the date of Substantial Completion of this Agreement.

CONFLICTS - If a conflict exists between the Agreement provisions and these Standard Terms and Conditions then these Standard Terms and Conditions shall prevail and control.

LA's Initial:  Date: _____
Supplements BLR 5510, 5511, 5512, 5520, 5530, 5610 & 5611



**Illinois Department
of Transportation**

**Local Public Agency
Construction Inspector**

John Fortmann, PE
Deputy Director Division of Highways
Regional Engineer
Department of Transportation
201 West Center Court
Schaumburg, Illinois 60196-1096

County	<u>Cook</u>
Municipality	<u>Village of Tinley Park</u>
Section	<u>17-00119-00-RS</u>
Route	<u>FAU 1619 (84th Avenue)</u>
Contract No.	<u></u>
Job No.	<u>C-91-257-17</u>
Project	<u>84th Avenue</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

9/1/17
Date

Doug Breshock, Field Superintendent

Signature and Title of Resident Construction Supervisor

Jason Vandercar

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 15-0389.

* 20 years of site work and road construction experience with various contractors.

* 2 years work experience as a construction engineer with Robinson Engineering

* Completed construction engineering/documentation for the 2015 road resurfacing project on 198th street in Lynwood. Contract 61B49

* Completed construction engineering/documentation for two 2015 Safe Routes to School sidewalk programs. These projects were contracts 61B29 (University Park) and 61B28 (Matteson).

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

Approved

9-4-17
Date

Kevin Workowski, Director of Public Works

Signature and Title of In Responsible Charge from BC-775

Instructions for Preparation of Form BC 776

23 CFR 635.105 requires that the state transportation department (STD) has responsibility for the construction of all Federal-aid projects, and is not relieved of such responsibility by authorizing performance of the work by a local public agency or other Federal agency.

A consultant may be utilized for periodic examination and consultation or for full-time technical inspection of construction. However, the prime responsibility for general supervision of the construction must remain with the state. The state (or county or municipality under agreement with the state) cannot be relieved of its responsibility to ensure that the work is performed in accordance with the approved project plans, specifications and estimate.

Therefore, the Department of Transportation requires the local public agency to submit the qualifications of all personnel who will be assigned to construction layout and inspection duties on each Federal-Aid project which will be constructed under the supervision of the county, municipality or other local public agency. This form will be approved by the resident construction supervisor. If the resident construction supervisor is a consultant, this form will also be approved by the local public agency employee in responsible charge.

If a consultant is named on this form, the approved form will be included as an attachment to the construction engineering consultant agreement.

The approved form will be submitted to the Deputy Director Division of Highways, Regional Engineer prior to the start of construction. This form should be discussed as part of the preconstruction conference and a copy of the approved form retained with the preconstruction meeting minutes.



Local Public Agency Resident Construction Supervisor/ In Responsible Charge

John Fortmann, PE
Deputy Director Division of Highways
Regional Engineer
Department of Transportation
201 West Center Court
Schaumburg, Illinois 60196-1096

County Cook
Municipality Village of Tinley Park
Section 17-00119-00-RS
Route FAU 1619 (84th Avenue)
Contract No.
Job No. C-91-257-17
Project 84th Avenue

- 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.

9-4-17
Date

[Handwritten Signature]

Kevin Workowski, Director of Public Works
Signature and Title (for the Local Public Agency)

Doug Breshock
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 14-0321.

- * Civil Engineering Technology Program, Purdue University
* 37 years work experience for Robinson Engineering, Ltd. in various roles
* Currently supervising a staff of 30 technicians, resident engineers and survey staff
* Performed IDOT inspection/supervision of over \$9,000,000 in transportation projects since 2007

9/1/17
Date

[Handwritten Signature]

Field Superintendent
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

Deputy Director Division of Highways 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

Instructions for Preparation of Form BC 775

23 CFR 635.105 requires that the state transportation department (STD) has responsibility for the construction of all Federal-aid projects, and is not relieved of such responsibility by authorizing performance of the work by a local public agency or other Federal agency.

When a project is located on a street or highway over which the STD does not have legal jurisdiction, or when special conditions warrant, the STD, while not relieved of overall project responsibility, may arrange for the local public agency having jurisdiction over such street or highway to perform the work with its own forces or by contract. In those instances where a local public agency elects to use consultants for construction engineering services, the local public agency shall provide a full-time employee of the agency to be in responsible charge of the project.

The full-time local public agency employee in responsible charge of the project shall perform the following duties and functions:

- Administer inherently governmental project activities, including those dealing with cost, time, adherence to contract requirements, construction quality and scope of projects;
- Maintain familiarity of day to day project operations, including project safety issues;
- Make or participate in decisions about changed conditions or scope changes that require change orders or supplemental agreements;
- Visit and review the project on a frequency that is commensurate with the magnitude and complexity of the project;
- Review financial processes, transactions and documentation to ensure that safeguards are in place to minimize fraud, waste, and abuse;
- Direct project staff, agency or consultant, to carry out project administration and contract oversight, including proper documentation; and
- Aware of the qualifications, assignments and on-the-job performance of the agency and consultant staff at all stages of the project.

The Department of Transportation, in accordance with the requirements, requires the local public agency to identify the local public agency employee who will be in responsible charge of each Federal-Aid project which will be constructed under the supervision of the county, municipality or other public agency. County Engineers, Municipal Engineers, and full-time local public agency employees registered as a professional engineer should be identified in the pre-construction meeting minutes. All other resident construction supervisors must submit their qualifications on this form for approval by the department. Resident construction supervisors who are consultants shall be certified in Documentation of Contract Quantities and their firm shall be prequalified in Construction Inspection.

This form will be completed by the applicant, endorsed by a representative of the local public agency, and submitted to the Deputy Director Division of Highways, Regional Engineer prior to the start of construction. This signatory for the local public agency should be the County Engineer or Municipal Engineer, as applicable. In the event a municipality does not have a Municipal Engineer, the applicant will be recommended by the appropriate municipal authority.

If a consultant is named on this form, the approved form will be included as an attachment to the appropriate construction engineering consultant agreement.

This document should be discussed as part of the preconstruction conference and a copy of the approved form retained with the preconstruction meeting minutes.