

# PROFESSIONAL SERVICES AGREEMENT

## Construction Management Services Various Various (Task Orders)

BETWEEN



COOK COUNTY GOVERNMENT

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

AND

INFRASTRUCTURE ENGINEERING, INC.

**Contract No. 2316-05022D**

**Section No. 24-CMSVV-05-PV**

**Purchase Order No. 70000349944**

NON-FEDERALLY FUNDED CONTRACT

**PROFESSIONAL SERVICES AGREEMENT**

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- Exhibit 1 Board Authorization
- Exhibit 2 Scope of Services
- Exhibit 3 Key Personnel
- Exhibit 4 Schedule of Compensation
- Exhibit 5 Minority and Women Owned Business Enterprise Commitment
- Exhibit 6 Evidence of Insurance
- Exhibit 7 Identification of Subconsultants
- Exhibit 8 Economic Disclosure Statement and Execution Document

## **AGREEMENT**

This Agreement is made and entered into by and between the County of Cook, a public body corporate of the State of Illinois, on behalf of Office of the Chief Procurement Officer hereinafter referred to as “County” and Infrastructure Engineering Incorporated, doing business as a Corporation of the State of Illinois, hereinafter referred to as “Consultant”, pursuant to authorization by the Cook County Board of Commissioners on March 13, 2025, as evidenced by Board Authorization letter attached hereto as EXHIBIT “5”.

## **BACKGROUND**

*The County of Cook issued a Request for Qualifications “RFQ” for Construction Management Services Various Various (Task Orders). Submittals were evaluated in accordance with the evaluation criteria published in the RFQ. The Consultant was selected based on the submittal submitted and evaluated by the County representatives.*

*Consultant represents that it has the professional experience and expertise to provide the necessary services and further warrants that it is ready, willing and able to perform in accordance with the terms and conditions as set forth in this Agreement.*

**NOW, THEREFORE**, the County and Consultant agree as follows:

## **TERMS AND CONDITIONS**

### **ARTICLE 1) INCORPORATION OF BACKGROUND**

The Background information set forth above is incorporated by reference as if fully set forth here.

### **ARTICLE 2) DEFINITIONS**

#### **a) Definitions**

The following words and phrases have the following meanings for purposes of this Agreement:

**"Additional Services"** means those services which are within the general scope of Services of this Agreement, but beyond the description of services required under Article 3, and all services reasonably necessary to complete the Additional Services to the standards of performance required by this Agreement. Any Additional Services requested by the Using Agency require the approval of the Chief Procurement Officer in a written amendment to this Agreement before Consultant is obligated to perform those Additional Services and before the County becomes obligated to pay for those Additional Services.

"**Agreement**" means this Professional Services Agreement, including all exhibits attached to it and incorporated in it by reference, and all amendments, modifications or revisions made in accordance with its terms.

"**Chief Procurement Officer**" means the Chief Procurement Officer for the County of Cook and any representative duly authorized in writing to act on his behalf.

"**Services**" means, collectively, the services, duties and responsibilities described in Article 3 of this Agreement and any and all work necessary to complete them or carry them out fully and to the standard of performance required in this Agreement.

"**Subcontractor**" or "**Subconsultant**" means any person or entity with whom Consultant contracts to provide any part of the Services, of any tier, suppliers and materials providers, whether or not in privity with Consultant.

"**Using Agency**" shall mean the department of agency within Cook County including elected officials.

**b) Interpretation**

- i) The term "**include**" (in all its forms) means "include, without limitation" unless the context clearly states otherwise.
- ii) All references in this Agreement to Articles, Sections or Exhibits, unless otherwise expressed or indicated are to the Articles, Sections or Exhibits of this Agreement.
- iii) Words importing persons include firms, associations, partnerships, trusts, corporations and other legal entities, including public bodies, as well as natural persons.
- iv) Any headings preceding the text of the Articles and Sections of this Agreement, and any tables of contents or marginal notes appended to it are solely for convenience or reference and do not constitute a part of this Agreement, nor do they affect the meaning, construction or effect of this Agreement.
- v) Words importing the singular include the plural and vice versa. Words of the masculine gender include the correlative words of the feminine and neuter genders.
- vi) All references to a number of days mean calendar days, unless expressly indicated otherwise.

**c) Incorporation of Exhibits**

The following attached Exhibits are made a part of this Agreement:

Exhibit 1	Board Authorization
Exhibit 2	Scope of Services
Exhibit 3	Key Personnel
Exhibit 4	Schedule of Compensation
Exhibit 5	Minority and Women Owned Business Enterprise Commitment
Exhibit 6	Evidence of Insurance
Exhibit 7	Identification of Subconsultants
Exhibit 8	Economic Disclosure Statement and Execution Document

**ARTICLE 3) DUTIES AND RESPONSIBILITIES OF CONSULTANT**

**a) Scope of Services**

This description of Services is intended to be general in nature and is neither a complete description of Consultant's Services nor a limitation on the Services that Consultant is to provide under this Agreement. Consultant must provide the Services in accordance with the standards of performance set forth in Section 3c. The Services that Consultant must provide include, but are not limited to, those described in Exhibit 1, Scope of Services and Time Limits for Performance, which is attached to this Agreement and incorporated by reference as if fully set forth here.

**b) Deliverables**

In carrying out its Services, Consultant must prepare or provide to the County various Deliverables. "**Deliverables**" include work product, such as written reviews, recommendations, reports and analyses, produced by Consultant for the County.

The County may reject Deliverables that do not include relevant information or data, or do not include all documents or other materials specified in this Agreement or reasonably necessary for the purpose for which the County made this Agreement or for which the County intends to use the Deliverables. If the County determines that Consultant has failed to comply with the foregoing standards, it has 30 days from the discovery to notify Consultant of its failure. If Consultant does not correct the failure, if it is possible to do so, within 30 days after receipt of notice from the County specifying the failure, then the County, by written notice, may treat the failure as a default of this Agreement under Article 9.

Partial or incomplete Deliverables may be accepted for review only when required for a specific and well-defined purpose and when consented to in advance by the County. Such Deliverables will not be considered as satisfying the requirements of this Agreement and partial or incomplete Deliverables in no way relieve Consultant of its commitments under this Agreement.

**c) Standard of Performance**

Consultant must perform all Services required of it under this Agreement with that degree of skill, care and diligence normally shown by a consultant performing services of a scope and purpose and magnitude comparable with the nature of the Services to be provided under this Agreement. Consultant acknowledges that it is entrusted with or has access to valuable and confidential information and records of the County and with respect to that information, Consultant agrees to be held to the standard of care of a fiduciary.

Consultant must assure that all Services that require the exercise of professional skills or judgment are accomplished by professionals qualified and competent in the applicable discipline and appropriately licensed, if required by law. Consultant must provide copies of any such licenses. Consultant remains responsible for the professional and technical accuracy of all Services or Deliverables furnished, whether by Consultant or its Subconsultants or others on its behalf. All Deliverables must be prepared in a form and content satisfactory to the Using Agency and delivered in a timely manner consistent with the requirements of this Agreement.

If Consultant fails to comply with the foregoing standards, Consultant must perform again, at its own expense, all Services required to be re-performed as a direct or indirect result of that failure. Any review, approval, acceptance or payment for any of the Services by the County does not relieve Consultant of its responsibility for the professional skill and care and technical accuracy of its Services and Deliverables. This provision in no way limits the County's rights against Consultant either under this Agreement, at law or in equity.

**d) Personnel**

**i) Adequate Staffing**

Consultant must, upon receiving a fully executed copy of this Agreement, assign and maintain during the term of this Agreement and any extension of it an adequate staff of competent personnel that is fully equipped, licensed as appropriate, available as needed, qualified and assigned exclusively to perform the Services. Consultant must include among its staff the Key Personnel and positions as identified below. The level of staffing may be revised from time to time by notice in writing from Consultant to the County and with written consent of the County, which consent the County will not withhold unreasonably. If the County fails to object to the revision within 14 days after receiving the notice, then the revision will be considered accepted by the County.

ii) **Key Personnel**

Consultant must not reassign or replace Key Personnel without the written consent of the County, which consent the County will not unreasonably withhold. "**Key Personnel**" means those job titles and the persons assigned to those positions in accordance with the provisions of this Section 3.d(ii). The Using Agency may at any time in writing notify Consultant that the County will no longer accept performance of Services under this Agreement by one or more Key Personnel listed. Upon that notice Consultant must immediately suspend the services of the key person or persons and must replace him or them in accordance with the terms of this Agreement. A list of Key Personnel is found in Exhibit 1, Scope of Services.

iii) **Salaries and Wages**

Consultant and Subconsultants must pay all salaries and wages due all employees performing Services under this Agreement unconditionally and at least once a month without deduction or rebate on any account, except only for those payroll deductions that are mandatory by law or are permitted under applicable law and regulations. If in the performance of this Agreement Consultant underpays any such salaries or wages, the Comptroller for the County may withhold, out of payments due to Consultant, an amount sufficient to pay to employees underpaid the difference between the salaries or wages required to be paid under this Agreement and the salaries or wages actually paid these employees for the total number of hours worked. The amounts withheld may be disbursed by the Comptroller for and on account of Consultant to the respective employees to whom they are due. The parties acknowledge that this Section 3.d(iii) is solely for the benefit of the County and that it does not grant any third party beneficiary rights.

e) **Minority and Women Owned Business Enterprises Commitment**

In the performance of this Agreement, including the procurement and lease of materials or equipment, Consultant must abide by the minority and women's business enterprise commitment requirements of the Cook County Ordinance, (Article IV, Section 34-267 through 272) except to the extent waived by the Compliance Director, which are set forth in Exhibit 3. Consultant's completed MBE/WBE Utilization Plan evidencing its compliance with this requirement are a part of this Agreement, in Form 1 of the MBE/WBE Utilization Plan, upon acceptance by the Compliance Director. Consultant must utilize minority and women's business enterprises at the greater of the amounts committed to by the Consultant for this Agreement in accordance with Form 1 of the MBE/WBE Utilization Plan.

**f) Insurance**

The Contractor, at its cost, shall secure and maintain at all times, unless specified otherwise, until completion of the term of this Contract the insurance specified below.

Nothing contained in these insurance requirements is to be construed as limiting the extent of the Contractor’s responsibility for payment of damages resulting from its operations under this Contract. If the Contractor maintains broader coverage and/or higher limits than the minimums shown below, Cook County requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to Cook County.

The Contractor shall require all Subcontractors to provide the insurance required in this Contract, or Contractor may provide the coverages for Subcontractors. All Subcontractors are subject to the same insurance requirements as Contractor except paragraph (d) Excess/Umbrella Liability or unless specified otherwise.

The Cook County Department of Risk Management maintains the right to modify, delete, alter or change these requirements.

**Coverages**

**(a) Workers Compensation Insurance**

Workers' Compensation shall be in accordance with the laws of the State of Illinois or any other applicable jurisdiction.

The Workers Compensation policy shall also include the following provisions:

- Employers' Liability coverage with a limit of
- \$1,000,000 each Accident
- \$1,000,000 each Employee
- \$1,000,000 Policy Limit for Disease

**(b) Commercial General Liability Insurance**

The Commercial General Liability shall be on an occurrence form basis (ISO Form CG 0001 or equivalent) to cover bodily injury, personal injury and property damage.

Each Occurrence	\$1,000,000
General Aggregate	\$2,000,000
Completed Operations Aggregate	\$2,000,000

The General Liability policy shall include the following coverages:

- (1) All premises and operations;
- (2) Contractual Liability;
- (3) Products/Completed Operations;
- (4) Severability of interest/separation of insureds clause

(c) **Commercial Automobile Liability Insurance**

When any vehicles are used in the performance of this contract, Contractor shall secure Automobile Liability Insurance for bodily injury and property damage arising from the Ownership, maintenance or use of owned, hired and non-owned vehicles with a limit no less than \$1,000,000 per accident.

(d) **Excess/Umbrella Liability**

Such policy shall be excess over Commercial General Liability, Automobile Liability, and Employer's Liability with limits not less than the following amounts:

Each Occurrence: \$2,000,000

(e) **Professional Liability (Errors & Omissions)**

The Contractor shall secure insurance appropriate to the Contractor's profession covering all claims arising out of the performance or nonperformance of professional services for the County under this Contract. This insurance shall remain in force for the life of the Contractor's obligations under this Contract and shall have a limit of liability of not less than \$1,000,000 per claim.

~~(f) **Contractors' Pollution Legal Liability and/or Asbestos Legal Liability**~~

~~When any work is performed which may cause a pollution exposure, the Contractor shall maintain coverage with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.~~

~~(g) **Builder's Risk (Course of Construction)**~~

~~When the Contractor undertakes any construction, including improvements, betterments, and/or repairs, the Contractor shall secure insurance appropriate to protect the interests of both Cook County and the Contractor covering property under construction and equipment and materials to be installed. An Installation Floater may be acceptable if the project does not involve new or major reconstruction. Builder's Risk (Course of Construction) insurance utilizing an "All Risk" (Special Perils) coverage form must include limits equal to the completed value of the project and no coinsurance penalty provisions. The Contractor may submit evidence of Builder's Risk insurance in the form of Course of Construction coverage. Such coverage shall name Cook County as a loss payee as their interest may appear.~~

(h) **Railroad Protective Liability Insurance**

Contractors who perform work within 50-feet of any railroad-owned property are required to have Railroad Protective Liability.

(i) **Network Security & Privacy Liability (Cyber)**

The Contractor shall secure coverage for first and third-party claims with limits not less than \$1,000,000 per occurrence or claim, \$1,000,000 aggregate.

**Additional requirements**

(a) **Additional Insured**

The required insurance policies, with the exception of Workers Compensation and Errors & Omissions, shall name Cook County, its officials, employees and agents as additional insureds with respect to operations performed on a primary and non-contributory basis. Any insurance or self-insurance maintained by Cook County shall be excess of the Contractor's insurance and shall not contribute with it. The full policy limits and scope of protection shall apply to Cook County as an additional insured even if they exceed the minimum insurance requirements specified herein. The insurance limits required herein may be satisfied by a combination of primary, umbrella and/or excess liability insurance policies. If any such policy is written on a claims-made form:

- (1) The retroactive coverage date shall be no later than the effective date of this contract.
- (2) If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date on or before this contract effective date, the Contractor must maintain "extended reporting" coverage for a minimum of three (3) year after completion of services.

All insurance companies providing coverage shall be licensed or approved by the Department of Insurance, State of Illinois, and shall have a financial rating no lower than (A-) VII as listed in A.M. Best's Key Rating Guide, current edition or interim report. Companies with ratings lower than (A-) VII will be acceptable only upon consent of the Cook County Department of Risk Management.

(b) **Insurance Notices**

The Contractor shall provide the Office of the Chief Procurement Officer with thirty (30) days advance written notice in the event any required insurance will be cancelled, materially reduced or non-renewed. The Contractor shall secure replacement coverage to comply with the stated insurance requirements and provide new certificates of insurance to the Office of the Chief Procurement Officer.

Prior to the date on which the Contractor commences performance of its part of the work, the Contractor shall furnish to the Office of the Chief Procurement Officer certificates of insurance maintained by Contractor. The receipt of any certificate of insurance does not constitute Contract by the County that the insurance requirements have been fully met or that the insurance policies indicated on the certificate of insurance are in compliance with insurance required above.

In no event shall any failure of the County to receive certificates of insurance required hereof or to demand receipt of such Certificates of Insurance be construed as a waiver of the Contractor's obligations to obtain insurance pursuant to these insurance requirements.

(c) **Waiver of Subrogation Endorsements**

All insurance policies must contain a Waiver of Subrogation Endorsement in favor of Cook County.

**g) Indemnification**

The Consultant covenants and agrees to indemnify and save harmless the County and its commissioners, officials, employees, agents and representatives, and their respective heirs, successors and assigns, from and against any and all costs, expenses, attorney's fees, losses, damages and liabilities incurred or suffered directly or indirectly from or attributable to any claims arising out of or incident to the performance or nonperformance of the Contract by the Consultant, or the acts or omissions of the officers, agents, employees, Consultants, subconsultants, licensees or invitees of the Consultant. The Consultant expressly understands and agrees that any Performance Bond or insurance protection required of the Consultant, or otherwise provided by the Consultant, shall in no way limit the responsibility to indemnify the County as hereinabove provided.

**h) Confidentiality and Ownership of Documents**

Consultant acknowledges and agrees that information regarding this Contract is confidential and shall not be disclosed, directly, indirectly or by implication, or be used by Consultant in any way, whether during the term of this Contract or at any time thereafter, except solely as required in the course of Consultant's performance hereunder. Consultant shall comply with the applicable privacy laws and regulations affecting County and will not disclose any of County's records, materials, or other data to any third party. Consultant shall not have the right to compile and distribute statistical analyses and reports utilizing data derived from information or data obtained from County without the prior written approval of County. In the event such approval is given, any such reports published and distributed by Consultant shall be furnished to County without charge.

All documents, data, studies, reports, work product or product created as a result of the performance of the Contract (the "Documents") shall be included in the Deliverables and shall be the property of the County of Cook. It shall be a breach of this Contract for the Consultant to reproduce or use any documents, data, studies, reports, work product or product obtained from the County of Cook or any Documents created hereby, whether such reproduction or use is for Consultant's own purposes or for those of any third party. During the performance of the Contract Consultant shall be responsible of any loss or damage to the Documents while they are in Consultant's possession, and any such loss or damage shall be restored at the expense of the Consultant. The County and its designees shall be afforded full access to the Documents and the work at all times.

**Confidentiality: All of the reports, pictures, information, or data, prepared or assembled by the Design Consultant, its employees, and any of its Subconsultants, Subcontractors or Suppliers under the above mentioned Contract are confidential. This also includes any reports, pictures, information, or data provided to the Design Consultant, its employees, and its Subconsultants, Subcontractors or Suppliers. The Design Consultant agrees that, except as specifically authorized herein or as may be required by law, it shall not make available said reports, pictures, information, or data, to any other individual or organization without**

**the express written approval by the Cook County Chief Procurement Officer or authorized designee (i.e. Department of Transportation and Highways). Failure to comply with this requirement may be deemed a material breach of the Contract. This requirement will survive expiration or termination of this Contract.**

**i) Patents, Copyrights and Licenses**

If applicable, Consultant shall furnish the Chief Procurement Officer with all licenses required for the County to utilize any software, including firmware or middleware, provided by Consultant as part of the Deliverables. Such licenses shall be clearly marked with a reference to the number of this County Contract. Consultant shall also furnish a copy of such licenses to the Chief Procurement Officer. Unless otherwise stated in these Contract documents, such licenses shall be perpetual and shall not limit the number of persons who may utilize the software on behalf of the County.

Consultant agrees to hold harmless and indemnify the County, its officers, agents, employees and affiliates from and defend, as permitted by Illinois law, at its own expense (including reasonable attorneys', accountants' and consultants' fees), any suit or proceeding brought against County based upon a claim that the ownership and/or use of equipment, hardware and software or any part thereof provided to the County or utilized in performing Consultant's services constitutes an infringement of any patent, copyright or license or any other property right.

In the event the use of any equipment, hardware or software or any part thereof is enjoined, Consultant with all reasonable speed and due diligence shall provide or otherwise secure for County, at the Consultant's election, one of the following: the right to continue use of the equipment, hardware or software; an equivalent system having the Specifications as provided in this Contract; or Consultant shall modify the system or its component parts so that they become non-infringing while performing in a substantially similar manner to the original system, meeting the requirements of this Contract.

**j) Examination of Records and Audits**

The Consultant agrees that the Cook County Auditor or any of its duly authorized representatives shall, until expiration of three (3) years after the final payment under the Contract, have access and the right to examine any books, documents, papers, canceled checks, bank statements, purveyor's and other invoices, and records of the Consultant related to the Contract, or to Consultant's compliance with any term, condition or provision thereof. The Consultant shall be responsible for establishing and maintaining records sufficient to document the costs associated with performance under the terms of this Contract.

The Consultant further agrees that it shall include in all of its subcontracts hereunder a provision to the effect that the Subcontractor agrees that the Cook County Auditor or any of its duly authorized representatives shall, until expiration of three (3) years after final payment under the subcontract, have access and the right to examine any books,

documents, papers, canceled checks, bank statements, purveyor's and other invoices and records of such Subcontractor involving transactions relating to the subcontract, or to such Subcontractor compliance with any term, condition or provision thereunder or under the Contract.

In the event the Consultant receives payment under the Contract, reimbursement for which is later disallowed by the County, the Consultant shall promptly refund the disallowed amount to the County on request, or at the County's option, the County may credit the amount disallowed from the next payment due or to become due to the Consultant under any contract with the County.

To the extent this Contract pertains to Deliverables which may be reimbursable under the Medicaid or Medicare Programs, Consultant shall retain and make available upon request, for a period of four (4) years after furnishing services pursuant to this Agreement, the contract, books, documents and records which are necessary to certify the nature and extent of the costs of such services if requested by the Secretary of Health and Human Services or the Comptroller General of the United States or any of their duly authorized representatives.

If Consultant carries out any of its duties under the Agreement through a subcontract with a related organization involving a value of cost of \$10,000.00 or more over a 12 month period, Consultant will cause such subcontract to contain a clause to the effect that, until the expiration of four years after the furnishing of any service pursuant to said subcontract, the related organization will make available upon request of the Secretary of Health and Human Services or the Comptroller General of the United States or any of their duly authorized representatives, copies of said subcontract and any books, documents, records and other data of said related organization that are necessary to certify the nature and extent of such costs. This paragraph relating to the retention and production of documents is included because of possible application of Section 1861(v)(1)(I) of the Social Security Act to this Agreement; if this Section should be found to be inapplicable, then this paragraph shall be deemed inoperative and without force and effect.

**k) Subcontracting or Assignment of Contract or Contract Funds**

Once awarded, this Contract shall not be subcontracted or assigned, in whole or in part, without the advance written approval of the Chief Procurement Officer, which approval shall be granted or withheld at the sole discretion of the Chief Procurement Officer. In no case, however, shall such approval relieve the Consultant from its obligations or change the terms of the Contract. The Consultant shall not transfer or assign any Contract funds or any interest therein due or to become due without the advance written approval of the Chief Procurement Officer. The unauthorized subcontracting or assignment of the Contract, in whole or in part, or the unauthorized transfer or assignment of any Contract funds, either in whole or in part, or any interest therein, which shall be due or are to become due the Consultant shall have no effect on the County and are null and void.

Prior to the commencement of the Contract, the Consultant shall identify in writing to the Chief Procurement Officer the names of any and all Subcontractors it intends to use in the performance of the Contract by completing the Identification of Subcontractor/Supplier/Subconsultant Form (“ISF”). The Chief Procurement Officer shall have the right to disapprove any Subcontractor. All Subcontractors shall be subject to the terms of this Contract. Consultant shall incorporate into all subcontracts all of the provisions of the Contract which affect such subcontract. Copies of subcontracts shall be provided to the Chief Procurement Officer upon request.

The Consultant must disclose the name and business address of each Subcontractor, attorney, lobbyist, accountant, consultant and any other person or entity whom the Consultant has retained or expects to retain in connection with the Matter, as well as the nature of the relationship, and the total amount of the fees paid or estimated to be paid. The Consultant is not required to disclose employees who are paid or estimated to be paid. The Consultant is not required to disclose employees who are paid solely through the Consultant’s regular payroll. “Lobbyist” means any person or entity who undertakes to influence any legislation or administrative action on behalf of any person or entity other than: (1) a not-for-profit entity, on an unpaid basis, or (2), himself.

“Lobbyist” also means any person or entity any part of whose duties as an employee of another includes undertaking to influence any legislative or administrative action. If the Consultant is uncertain whether a disclosure is required under this Section, the Consultant must either ask the County, whether disclosure is required or make the disclosure.

The County reserves the right to prohibit any person from entering any County facility for any reason. All Consultants and Subcontractor of the Consultant shall be accountable to the Chief Procurement Officer or his designee while on any County property and shall abide by all rules and regulations imposed by the County.

**I) Professional Social Services**

In accordance with 34-146, of the Cook County Procurement Code, all Consultants or providers providing services under a Professional Social Service Contracts or Professional Social Services Agreements, shall submit an annual performance report to the Using Agency, i.e., the agency for whom the Consultant or provider is providing the professional social services, that includes but is not limited to relevant statistics, an empirical analysis where applicable, and a written narrative describing the goals and objectives of the contract or agreement and programmatic outcomes. The annual performance report shall be provided and reported to the Cook County Board of Commissioners by the applicable Using Agency within forty-five days of receipt. Failure of the Consultant or provider to provide an annual performance report will be considered a breach of contract or agreement by the Consultant or provider, and may result in termination of the Contract or agreement.

For purposes of this Section, a Professional Social Service Contract or Professional Social Service Agreement shall mean any contract or agreement with a social service provider, including other governmental agencies, nonprofit organizations, or for profit business

enterprises engaged in the field of and providing social services, juvenile justice, mental health treatment, alternative sentencing, offender rehabilitation, recidivism reduction, foster care, substance abuse treatment, domestic violence services, community transitioning services, intervention, or such other similar services which provide mental, social or physical treatment and services to individuals. Said Professional Social Service Contracts or Professional Social Service Agreements do not include CCHHS managed care contracts that CCHHS may enter into with health care providers.

#### **ARTICLE 4) TERM OF PERFORMANCE**

##### **a) Term of Performance**

This Agreement takes effect when approved by the Cook County Board and its term shall begin on April 15, 2025, ("**Effective Date**") and continue until April 14, 2030 or until this Agreement is terminated in accordance with its terms, whichever occurs first.

##### **b) Timeliness of Performance**

- i) Consultant must provide the Services and Deliverables within the term and within the time limits required under this Agreement, pursuant to the provisions of Section 4.a and Exhibit 1. Further, Consultant acknowledges that TIME IS OF THE ESSENCE and that the failure of Consultant to comply with the time limits described in this Section 4.b may result in economic or other losses to the County.
- ii) Neither Consultant nor Consultant's agents, employees nor Subcontractors are entitled to any damages from the County, nor is any party entitled to be reimbursed by the County, for damages, charges or other losses or expenses incurred by Consultant by reason of delays or hindrances in the performance of the Services, whether or not caused by the County.

##### **c) Agreement Extension Option**

The Chief Procurement Officer may at any time before this Agreement expires to extend this Agreement under the same terms and conditions as this original Agreement, except as provided otherwise in this Agreement, by notice in writing to Consultant. After notification by the Chief Procurement Officer, this Agreement must be modified to reflect the time extension in accordance with the provisions of Section 10.c.

#### **ARTICLE 5) COMPENSATION**

##### **a) Basis of Payment**

The County will pay Consultant according to the Schedule of Compensation in the attached Exhibit 4 for the successful completion of services.

**b) Method of Payment**

All invoices submitted by the Consultant shall be in accordance with the cost provisions contained in the Agreement and shall contain a detailed description of the Deliverables, including the quantity of the Deliverables, for which payment is requested. All invoices for services shall include itemized entries indicating the date or time period in which the services were provided, the amount of time spent performing the services, and a detailed description of the services provided during the period of the invoice. All Contracts for services that are procured as Sole Source must also contain a provision requiring the Contractor to submit itemized records indicating the dates that services were provided, a detailed description of the work performed on each such date, and the amount of time spent performing work on each such date. All invoices shall reflect the amounts invoiced by and the amounts paid to the Consultant as of the date of the invoice. Invoices for new charges shall not include "past due" amounts, if any, which amounts must be set forth on a separate invoice. Consultant shall not be entitled to invoice the County for any late fees or other penalties.

In accordance with Section 34-177 of the Cook County Procurement Code, the County shall have a right to set off and subtract from any invoice(s) or Contract price, a sum equal to any fines and penalties, including interest, for any tax or fee delinquency and any debt or obligation owed by the Consultant to the County.

The Consultant acknowledges its duty to ensure the accuracy of all invoices submitted to the County for payment. By submitting the invoices, the Consultant certifies that all itemized entries set forth in the invoices are true and correct. The Consultant acknowledges that by submitting the invoices, it certifies that it has delivered the Deliverables, i.e., the goods, supplies, services or equipment set forth in the Agreement to the Using Agency, or that it has properly performed the services set forth in the Agreement. The invoice must also reflect the dates and amount of time expended in the provision of services under the Agreement. The Consultant acknowledges that any inaccurate statements or negligent or intentional misrepresentations in the invoices shall result in the County exercising all remedies available to it in law and equity including, but not limited to, a delay in payment or non-payment to the Consultant, and reporting the matter to the Cook County Office of the Independent Inspector General.

When a Consultant receives any payment from the County for any supplies, equipment, goods, or services, it has provided to the County pursuant to its Agreement, the Consultant must make payment to its Subcontractors within 15 days after receipt of payment from the County, provided that such Subcontractor has satisfactorily provided the supplies, equipment, goods or services in accordance with the Contract and provided the Consultant with all of the documents and information required of the Consultant. The Consultant may delay or postpone payment to a Subcontractor when the Subcontractor's supplies, equipment, goods, or services do not comply with the requirements of the Contract, the Consultant is acting in good faith, and not in retaliation for a Subcontractor exercising legal or contractual rights.

**c) Funding**

The source of funds for payments under this Agreement is identified in Exhibit 2, Schedule of Compensation. Payments under this Agreement must not exceed the dollar amount shown in Exhibit 2 without a written amendment in accordance with Section 10.c.

**d) Non-Appropriation**

If no funds or insufficient funds are appropriated and budgeted in any fiscal period of the County for payments to be made under this Agreement, then the County will notify Consultant in writing of that occurrence, and this Agreement will terminate on the earlier of the last day of the fiscal period for which sufficient appropriation was made or whenever the funds appropriated for payment under this Agreement are exhausted. Payments for Services completed to the date of notification will be made to Consultant. No payments will be made or due to Consultant and under this Agreement beyond those amounts appropriated and budgeted by the County to fund payments under this Agreement.

**e) Taxes**

Federal Excise Tax does not apply to materials purchased by the County by virtue of Exemption Certificate No. 36-75-0038K. Illinois Retailers' Occupation Tax, Use Tax and Municipal Retailers' Occupation Tax do not apply to deliverables, materials or services purchased by the County by virtue of statute. The price or prices quoted herein shall include any and all other federal and/or state, direct and/or indirect taxes which apply to this Contract. The County's State of Illinois Sales Tax Exemption Identification No. is E-9998-2013-07.

**f) Price Reduction**

If at any time after the contract award, Consultant makes a general price reduction in the price of any of the Deliverables, the equivalent price reduction based on similar quantities and/or considerations shall apply to this Contract for the duration of the Contract period. For purposes of this Section 5.f., Price Reduction, a general price reduction shall include reductions in the effective price charged by Consultant by reason of rebates, financial incentives, discounts, value points or other benefits with respect to the purchase of the Deliverables. Such price reductions shall be effective at the same time and in the same manner as the reduction Consultant makes in the price of the Deliverables to its prospective customers generally.

**g) Consultant Credits**

To the extent the Consultant gives credits toward future purchases of goods or services, financial incentives, discounts, value points or other benefits based on the purchase of the materials or services provided for under this Contract, such credits belong to the County

and not any specific Using Agency. Consultant shall reflect any such credits on its invoices and in the amounts it invoices the County.

## **ARTICLE 6) DISPUTES**

Any dispute arising under the Contract between the County and Consultant shall be decided by the Chief Procurement Officer. The complaining party shall submit a written statement detailing the dispute and specifying the specific relevant Contract provision(s) to the Chief Procurement Officer. Upon request of the Chief Procurement Officer, the party complained against shall respond to the complaint in writing within five days of such request. The Chief Procurement Officer will reduce her decision to writing and mail or otherwise furnish a copy thereof to the Consultant. The decision of the Chief Procurement Officer will be final and binding. Dispute resolution as provided herein shall be a condition precedent to any other action at law or in equity. However, unless a notice is issued by the Chief Procurement Officer indicating that additional time is required to review a dispute, the parties may exercise their contractual remedies, if any, if no decision is made within sixty (60) days following notification to the Chief Procurement Officer of a dispute. No inference shall be drawn from the absence of a decision by the Chief Procurement Officer.

Notwithstanding a dispute, Consultant shall continue to discharge all its obligations, duties and responsibilities set forth in the Contract during any dispute resolution proceeding unless otherwise agreed to by the County in writing.

## **ARTICLE 7) COOPERATION WITH INSPECTOR GENERAL AND COMPLIANCE WITH ALL LAWS**

The Consultant, Subcontractor, licensees, grantees or persons or businesses who have a County contract, grant, license, or certification of eligibility for County contracts shall abide by all of the applicable provisions of the Office of the Independent Inspector General Ordinance (Section 2-281 et. seq. of the Cook County Code of Ordinances). Failure to cooperate as required may result in monetary and/or other penalties.

The Consultant shall observe and comply with the laws, ordinances, regulations and codes of the Federal, State, County and other local government agencies which may in any manner affect the performance of the Contract including, but not limited to, those County Ordinances set forth in the Certifications attached hereto and incorporated herein. Assurance of compliance with this requirement by the Consultant's employees, agents or Subcontractor shall be the responsibility of the Consultant.

The Consultant shall secure and pay for all federal, state and local licenses, permits and fees required hereunder.

## **ARTICLE 8) SPECIAL CONDITIONS**

### **a) Warranties and Representations**

In connection with signing and carrying out this Agreement, Consultant:

- i) warrants that Consultant is appropriately licensed under Illinois law to perform the Services required under this Agreement and will perform no Services for which a professional license is required by law and for which Consultant is not appropriately licensed;
- ii) warrants it is financially solvent; it and each of its employees, agents and Subcontractors of any tier are competent to perform the Services required under this Agreement; and Consultant is legally authorized to execute and perform or cause to be performed this Agreement under the terms and conditions stated in this Agreement;
- iii) warrants that it will not knowingly use the services of any ineligible consultant or Subcontractor for any purpose in the performance of its Services under this Agreement;
- iv) warrants that Consultant and its Subcontractors are not in default at the time this Agreement is signed, and has not been considered by the Chief Procurement Officer to have, within 5 years immediately preceding the date of this Agreement, been found to be in default on any contract awarded by the County;
- v) represents that it has carefully examined and analyzed the provisions and requirements of this Agreement; it understands the nature of the Services required; from its own analysis it has satisfied itself as to the nature of all things needed for the performance of this Agreement; this Agreement is feasible of performance in accordance with all of its provisions and requirements, and Consultant warrants it can and will perform, or cause to be performed, the Services in strict accordance with the provisions and requirements of this Agreement;
- vi) represents that Consultant and, to the best of its knowledge, its Subcontractors are not in violation of the provisions of the Illinois Criminal Code, 720 ILCS 5/33E as amended; and
- vii) acknowledges that any certification, affidavit or acknowledgment made under oath in connection with this Agreement is made under penalty of perjury and, if false, is also cause for termination under Sections 9.a and 9.c.

**b) Ethics**

- i) In addition to the foregoing warranties and representations, Consultant warrants:
  - (1) no officer, agent or employee of the County is employed by Consultant or has a financial interest directly or indirectly in this Agreement or the

compensation to be paid under this Agreement except as may be permitted in writing by the Board of Ethics.

- (2) no payment, gratuity or offer of employment will be made in connection with this Agreement by or on behalf of any Subcontractors to the prime Consultant or higher tier Subcontractors or anyone associated with them, as an inducement for the award of a subcontract or order.

**c) Joint and Several Liability**

If Consultant, or its successors or assigns, if any, is comprised of more than one individual or other legal entity (or a combination of them), then under this Agreement, each and without limitation every obligation or undertaking in this Agreement to be fulfilled or performed by Consultant is the joint and several obligation or undertaking of each such individual or other legal entity.

**d) Business Documents**

At the request of the County, Consultant must provide copies of its latest articles of incorporation, by-laws and resolutions, or partnership or joint venture agreement, as applicable.

**e) Conflicts of Interest**

- i) No member of the governing body of the County or other unit of government and no other officer, employee or agent of the County or other unit of government who exercises any functions or responsibilities in connection with the Services to which this Agreement pertains is permitted to have any personal interest, direct or indirect, in this Agreement. No member of or delegate to the Congress of the United States or the Illinois General Assembly and no Commissioner of the Cook County Board or County employee is allowed to be admitted to any share or part of this Agreement or to any financial benefit to arise from it.
- ii) Consultant covenants that it, and to the best of its knowledge, its Subcontractors if any (collectively, "**Consulting Parties**"), presently have no direct or indirect interest and will not acquire any interest, direct or indirect, in any project or contract that would conflict in any manner or degree with the performance of its Services under this Agreement.
- iii) Upon the request of the County, Consultant must disclose to the County its past client list and the names of any clients with whom it has an ongoing relationship. Consultant is not permitted to perform any Services for the County on applications or other documents submitted to the County by any of Consultant's past or present clients. If Consultant becomes aware of a conflict, it must immediately stop work on the assignment causing the conflict and notify the County.

- iv) Without limiting the foregoing, if the Consulting Parties assist the County in determining the advisability or feasibility of a project or in recommending, researching, preparing, drafting or issuing a request for proposals or bid specifications for a project, the Consulting Parties must not participate, directly or indirectly, as a prime, Subcontractor or joint venturer in that project or in the preparation of a proposal or bid for that project during the term of this Agreement or afterwards. The Consulting Parties may, however, assist the County in reviewing the proposals or bids for the project if none of the Consulting Parties have a relationship with the persons or entities that submitted the proposals or bids for that project.
- v) The Consultant further covenants that, in the performance of this Agreement, no person having any conflicting interest will be assigned to perform any Services or have access to any confidential information, as defined in Section 3.h of this Agreement. If the County, by the Chief Procurement Officer in his reasonable judgment, determines that any of Consultant's Services for others conflict with the Services Consultant is to render for the County under this Agreement, Consultant must terminate such other services immediately upon request of the County.
- vi) Furthermore, if any federal funds are to be used to compensate or reimburse Consultant under this Agreement, Consultant represents that it is and will remain in compliance with federal restrictions on lobbying set forth in Section 319 of the Department of the Interior and Related Agencies Appropriations Act for Fiscal year 1990, 31 U.S.C. § 1352, and related rules and regulations set forth at 54 Fed. Reg. 52,309 ff. (1989), as amended. If federal funds are to be used, Consultant must execute a Certification Regarding Lobbying, which will be attached as an exhibit and incorporated by reference as if fully set forth here.

**f) Non-Liability of Public Officials**

Consultant and any assignee or Subcontractor of Consultant must not charge any official, employee or agent of the County personally with any liability or expenses of defense or hold any official, employee or agent of the County personally liable to them under any term or provision of this Agreement or because of the County's execution, attempted execution or any breach of this Agreement.

**ARTICLE 9) EVENTS OF DEFAULT, REMEDIES, TERMINATION, SUSPENSION AND RIGHT TO OFFSET**

**a) Events of Default Defined**

The following constitute events of default:

- i) Any material misrepresentation, whether negligent or willful and whether in the inducement or in the performance, made by Consultant to the County.
- ii) Consultant's material failure to perform any of its obligations under this Agreement including the following:
  - (a) Failure due to a reason or circumstances within Consultant's reasonable control to perform the Services with sufficient personnel and equipment or with sufficient material to ensure the performance of the Services;
  - (b) Failure to perform the Services in a manner reasonably satisfactory to the Chief Procurement Officer or inability to perform the Services satisfactorily as a result of insolvency, filing for bankruptcy or assignment for the benefit of creditors;
  - (c) Failure to promptly re-perform within a reasonable time Services that were rejected as erroneous or unsatisfactory;
  - (d) Discontinuance of the Services for reasons within Consultant's reasonable control; and
  - (e) Failure to comply with any other material term of this Agreement, including the provisions concerning insurance and nondiscrimination.
- iii) Any change in ownership or control of Consultant without the prior written approval of the Chief Procurement Officer, which approval the Chief Procurement Officer will not unreasonably withhold.
- iv) Consultant's default under any other agreement it may presently have or may enter into with the County during the life of this Agreement. Consultant acknowledges and agrees that in the event of a default under this Agreement the County may also declare a default under any such other Agreements.
- v) Failure to comply with Article 7 in the performance of the Agreement.
- vi) Consultant's repeated or continued violations of County ordinances unrelated to performance under the Agreement that in the opinion of the Chief Procurement Officer indicate a willful or reckless disregard for County laws and regulations.

**b) Remedies**

The occurrence of any event of default permits the County, at the County's sole option, to declare Consultant in default. The Chief Procurement Officer may in his sole discretion give Consultant an opportunity to cure the default within a certain period of time, which period of time must not exceed 30 days, unless extended by the Chief Procurement Officer. Whether to declare Consultant in default is within the sole discretion of the

Chief Procurement Officer and neither that decision nor the factual basis for it is subject to review or challenge under the Disputes provision of this Agreement.

The Chief Procurement Officer will give Consultant written notice of the default, either in the form of a cure notice ("**Cure Notice**"), or, if no opportunity to cure will be granted, a default notice ("**Default Notice**"). If the Chief Procurement Officer gives a Default Notice, he will also indicate any present intent he may have to terminate this Agreement, and the decision to terminate (but not the decision not to terminate) is final and effective upon giving the notice. The Chief Procurement Officer may give a Default Notice if Consultant fails to affect a cure within the cure period given in a Cure Notice. When a Default Notice with intent to terminate is given as provided in this Section 9.b and Article 11, Consultant must discontinue any Services, unless otherwise directed in the notice, and deliver all materials accumulated in the performance of this Agreement, whether completed or in the process, to the County. After giving a Default Notice, the County may invoke any or all of the following remedies:

- i) The right to take over and complete the Services, or any part of them, at Consultant's expense and as agent for Consultant, either directly or through others, and bill Consultant for the cost of the Services, and Consultant must pay the difference between the total amount of this bill and the amount the County would have paid Consultant under the terms and conditions of this Agreement for the Services that were assumed by the County as agent for the Consultant under this Section 9.b;
- ii) The right to terminate this Agreement as to any or all of the Services yet to be performed effective at a time specified by the County;
- iii) The right of specific performance, an injunction or any other appropriate equitable remedy;
- iv) The right to money damages;
- v) The right to withhold all or any part of Consultant's compensation under this Agreement;
- vi) The right to consider Consultant non-responsible in future contracts to be awarded by the County.

If the Chief Procurement Officer considers it to be in the County's best interests, he may elect not to declare default or to terminate this Agreement. The parties acknowledge that this provision is solely for the benefit of the County and that if the County permits Consultant to continue to provide the Services despite one or more events of default, Consultant is in no way relieved of any of its responsibilities, duties or obligations under this Agreement, nor does the County waive or relinquish any of its rights.

The remedies under the terms of this Agreement are not intended to be exclusive of any other remedies provided, but each and every such remedy is cumulative and is in addition to any other remedies, existing now or later, at law, in equity or by statute. No delay or omission to exercise any right or power accruing upon any event of default impairs any such right or power, nor is it a waiver of any event of default nor acquiescence in it, and every such right and power may be exercised from time to time and as often as the County considers expedient.

**c) Early Termination**

In addition to termination under Sections 9.a and 9.b of this Agreement, the County may terminate this Agreement, or all or any portion of the Services to be performed under it, at any time by a notice in writing from the County to Consultant. The County will give notice to Consultant in accordance with the provisions of Article 11. The effective date of termination will be the date the notice is received by Consultant or the date stated in the notice, whichever is later. If the County elects to terminate this Agreement in full, all Services to be provided under it must cease and all materials that may have been accumulated in performing this Agreement, whether completed or in the process, must be delivered to the County effective 10 days after the date the notice is considered received as provided under Article 11 of this Agreement (if no date is given) or upon the effective date stated in the notice.

After the notice is received, Consultant must restrict its activities, and those of its Subcontractors, to winding down any reports, analyses, or other activities previously begun. No costs incurred after the effective date of the termination are allowed. Payment for any Services actually and satisfactorily performed before the effective date of the termination is on the same basis as set forth in Article 5, but if any compensation is described or provided for on the basis of a period longer than 10 days, then the compensation must be prorated accordingly. No amount of compensation, however, is permitted for anticipated profits on unperformed Services. The County and Consultant must attempt to agree on the amount of compensation to be paid to Consultant, but if not agreed on, the dispute must be settled in accordance with Article 6 of this Agreement. The payment so made to Consultant is in full settlement for all Services satisfactorily performed under this Agreement.

Consultant must include in its contracts with Subcontractors an early termination provision in form and substance equivalent to this early termination provision to prevent claims against the County arising from termination of subcontracts after the early termination. Consultant will not be entitled to make any early termination claims against the County resulting from any Subcontractor's claims against Consultant or the County to the extent inconsistent with this provision.

If the County's election to terminate this Agreement for default under Sections 9.a and 9.b is determined in a court of competent jurisdiction to have been wrongful, then in that case the termination is to be considered to be an early termination under this Section 9.c.

**d) Suspension**

The County may at any time request that Consultant suspend its Services, or any part of them, by giving 15 days prior written notice to Consultant or upon informal oral, or even no notice, in the event of emergency. No costs incurred after the effective date of such suspension are allowed. Consultant must promptly resume its performance of the Services under the same terms and conditions as stated in this Agreement upon written notice by the Chief Procurement Officer and such equitable extension of time as may be mutually agreed upon by the Chief Procurement Officer and Consultant when necessary for continuation or completion of Services. Any additional costs or expenses actually incurred by Consultant as a result of recommencing the Services must be treated in accordance with the compensation provisions under Article 5 of this Agreement.

No suspension of this Agreement is permitted in the aggregate to exceed a period of 45 days within any one year of this Agreement. If the total number of days of suspension exceeds 45 days, Consultant by written notice may treat the suspension as an early termination of this Agreement under Section 9.c.

**e) Right to Offset**

In connection with performance under this Agreement, the County may offset any excess costs incurred:

- i) if the County terminates this Agreement for default or any other reason resulting from Consultant's performance or non-performance;
- ii) if the County exercises any of its remedies under Section 9.b of this Agreement;  
or
- iii) if the County has any credits due or has made any overpayments under this Agreement.

The County may offset these excess costs by use of any payment due for Services completed before the County terminated this Agreement or before the County exercised any remedies. If the amount offset is insufficient to cover those excess costs, Consultant is liable for and must promptly remit to the County the balance upon written demand for it. This right to offset is in addition to and not a limitation of any other remedies available to the County.

**f) Delays**

Consultant agrees that no charges or claims for damages shall be made by Consultant for any delays or hindrances from any cause whatsoever during the progress of any portion of this Contract.

**g) Prepaid Fees**

In the event this Contract is terminated by either party, for cause or otherwise, and the County has prepaid for any Deliverables, Consultant shall refund to the County, on a prorated basis to the effective date of termination, all amounts prepaid for Deliverables not actually provided as of the effective date of the termination. The refund shall be made within fourteen (14) days of the effective date of termination.

**ARTICLE 10) GENERAL CONDITIONS**

**a) Entire Agreement**

**i) General**

This Agreement, and the exhibits attached to it and incorporated in it, constitute the entire agreement between the parties and no other warranties, inducements, considerations, promises or interpretations are implied or impressed upon this Agreement that are not expressly addressed in this Agreement.

**ii) No Collateral Agreements**

Consultant acknowledges that, except only for those representations, statements or promises expressly contained in this Agreement and any exhibits attached to it and incorporated by reference in it, no representation, statement or promise, oral or in writing, of any kind whatsoever, by the County, its officials, agents or employees, has induced Consultant to enter into this Agreement or has been relied upon by Consultant, including any with reference to:

- (a) the meaning, correctness, suitability or completeness of any provisions or requirements of this Agreement;
- (b) the nature of the Services to be performed;
- (c) the nature, quantity, quality or volume of any materials, equipment, labor and other facilities needed for the performance of this Agreement;
- (d) the general conditions which may in any way affect this Agreement or its performance;
- (e) the compensation provisions of this Agreement; or
- (f) any other matters, whether similar to or different from those referred to in (a) through (e) immediately above, affecting or having any connection with this Agreement, its negotiation, any discussions of its performance or those employed or connected or concerned with it.

iii) **No Omissions**

Consultant acknowledges that Consultant was given an opportunity to review all documents forming this Agreement before signing this Agreement in order that it might request inclusion in this Agreement of any statement, representation, promise or provision that it desired or on that it wished to place reliance. Consultant did so review those documents, and either every such statement, representation, promise or provision has been included in this Agreement or else, if omitted, Consultant relinquishes the benefit of any such omitted statement, representation, promise or provision and is willing to perform this Agreement in its entirety without claiming reliance on it or making any other claim on account of its omission.

b) **Counterparts**

This Agreement is comprised of several identical counterparts, each to be fully signed by the parties and each to be considered an original having identical legal effect.

c) **Contract Amendments**

The parties may during the term of the Contract make amendments to the Contract but only as provided in this section. Such amendments shall only be made by mutual agreement in writing.

In the case of Contracts not approved by the Board, the Chief Procurement Officer may amend a contract provided that any such amendment does not extend the Contract by more than one (1) year, and further provided that the total cost of all such amendments does not increase the total amount of the Contract beyond \$200,000.00. Such action may only be made with the advance written approval of the Chief Procurement Officer. If the amendment extends the Contract beyond one (1) year or increases the total award amount beyond \$200,000.00 then Board approval will be required.

No Using Agency or employee thereof has authority to make any amendments to this Contract. Any amendments to this Contract made without the express written approval of the Chief Procurement Officer is void and unenforceable.

Consultant is hereby notified that, except for amendments which are made in accordance with this Section 10.c. Contract Amendments, no Using Agency or employee thereof has authority to make any amendment to this Contract.

**d) Governing Law and Jurisdiction**

This Contract shall be governed by and construed under the laws of the State of Illinois. The Consultant irrevocably agrees that, subject to the County's sole and absolute election to the contrary, any action or proceeding in any way, manner or respect arising out of the Contract, or arising from any dispute or controversy arising in connection with or related to the Contract, shall be litigated only in courts within the Circuit Court of Cook County, State of Illinois, and the Consultant consents and submits to the jurisdiction thereof. In accordance with these provisions, Consultant waives any right it may have to transfer or change the venue of any litigation brought against it by the County pursuant to this Contract.

**e) Severability**

If any provision of this Agreement is held or considered to be or is in fact invalid, illegal, inoperative or unenforceable as applied in any particular case in any jurisdiction or in all cases because it conflicts with any other provision or provisions of this Agreement or of any constitution, statute, ordinance, rule of law or public policy, or for any other reason, those circumstances do not have the effect of rendering the provision in question invalid, illegal, inoperative or unenforceable in any other case or circumstances, or of rendering any other provision or provisions in this Agreement invalid, illegal, inoperative or unenforceable to any extent whatsoever. The invalidity, illegality, inoperativeness or unenforceability of any one or more phrases, sentences, clauses or sections in this Agreement does not affect the remaining portions of this Agreement or any part of it.

**f) Assigns**

All of the terms and conditions of this Agreement are binding upon and inure to the benefit of the parties and their respective legal representatives, successors and assigns.

**g) Cooperation**

Consultant must at all times cooperate fully with the County and act in the County's best interests. If this Agreement is terminated for any reason, or if it is to expire on its own terms, Consultant must make every effort to assure an orderly transition to another provider of the Services, if any, orderly demobilization of its own operations in connection with the Services, uninterrupted provision of Services during any transition period and must otherwise comply with the reasonable requests and requirements of the Using Agency in connection with the termination or expiration.

**h) Waiver**

Nothing in this Agreement authorizes the waiver of a requirement or condition contrary to law or ordinance or that would result in or promote the violation of any federal, state or local law or ordinance.

Whenever under this Agreement the County by a proper authority waives Consultant's performance in any respect or waives a requirement or condition to either the County's or Consultant's performance, the waiver so granted, whether express or implied, only applies to the particular instance and is not a waiver forever or for subsequent instances of the performance, requirement or condition. No such waiver is a modification of this Agreement regardless of the number of times the County may have waived the performance, requirement or condition. Such waivers must be provided to Consultant in writing.

**i) Independent Consultant**

This Agreement is not intended to and will not constitute, create, give rise to, or otherwise recognize a joint venture, partnership, corporation or other formal business association or organization of any kind between Consultant and the County. The rights and the obligations of the parties are only those expressly set forth in this Agreement. Consultant must perform under this Agreement as an independent Consultant and not as a representative, employee, agent, or partner of the County.

This Agreement is between the County and an independent Consultant and, if Consultant is an individual, nothing provided for under this Agreement constitutes or implies an employer-employee relationship such that:

- i) The County will not be liable under or by reason of this Agreement for the payment of any compensation award or damages in connection with the Consultant performing the Services required under this Agreement.
- ii) Consultant is not entitled to membership in the County Pension Fund, Group Medical Insurance Program, Group Dental Program, Group Vision Care, Group Life Insurance Program, Deferred Income Program, vacation, sick leave, extended sick leave, or any other benefits ordinarily provided to individuals employed and paid through the regular payrolls of the County.
- iv) The County is not required to deduct or withhold any taxes, FICA or other deductions from any compensation provided to the Consultant.

**j) Governmental Joint Purchasing Agreement**

Pursuant to Section 4 of the Illinois Governmental Joint Purchasing Act (30 ILCS 525) and the Joint Purchase Agreement approved by the Cook County Board of Commissioners (April 9, 1965), other units of government may purchase goods or services under this contract.

In the event that other agencies participate in a joint procurement, the County reserves the right to renegotiate the price to accommodate the larger volume.

**k) Comparable Government Procurement**

As permitted by the County of Cook, other government entities, if authorized by law, may wish to purchase the goods, supplies, services or equipment under the same terms and conditions contained in this Contract (i.e., comparable government procurement). Each entity wishing to reference this Contract must have prior authorization from the County of Cook and the Consultant. If such participation is authorized, all purchase orders will be issued directly from and shipped directly to the entity requiring the goods, supplies, equipment or services supplies/services. The County shall not be held responsible for any orders placed, deliveries made or payment for the goods, supplies, equipment or services supplies/services ordered by these entities. Each entity reserves the right to determine the amount of goods, supplies, equipment or services it wishes to purchase under this Contract.

**l) Force Majeure**

Neither Consultant nor County shall be liable for failing to fulfill any obligation under this Contract if such failure is caused by an event beyond such party's reasonable control and which is not caused by such party's fault or negligence. Such events shall be limited to acts of God, acts of war, fires, lightning, floods, epidemics, or riots.

**m) Federal Clauses**

The following provisions apply to all Contracts which are funded in whole or in part with federal funds including without limitation the following.

1. Interest of Members of or Delegates to the United States Congress

In accordance with 41 U.S.C. § 22, the Contractor agrees that it will not admit any member of or delegate to the United States Congress to any share or part of the Contract or any benefit derived therefrom.

2. False or Fraudulent Statements and Claims

(a) The Contractor recognizes that the requirements of the Program Fraud Civil Remedies Act of 1986, as amended, 49 U.S.C. §§ 3081 et seq and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, apply to its actions pertaining to the Contract. Accordingly, by signing the Contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, or it may make pertaining to the Contract, including without limitation any invoice for its services. In addition to other penalties that may be applicable, the Contractor also acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986, as amended, on the Contractor to the extent the Federal Government deems appropriate.

(b) The Contractor also acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification to the County or Federal Government in

connection with an urbanized area formula project financed with Federal assistance authorized by 49 U.S.C. § 5307, the Government reserves the right to impose on the Contractor the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1), to the extent the Federal Government deems appropriate.

### 3. Federal Interest in Patents

(a) General. If any invention, improvement, or discovery of the Contractor is conceived or first actually reduced to practice in the course of or under the Contract, and that invention, improvement, or discovery is patentable under the laws of the United States of America or any foreign country, the Contractor agrees to notify County immediately and provide a detailed report.

(b) Federal Rights. Unless the Federal Government later makes a contrary determination in writing, the rights and responsibilities of the County, Contractor, and the Federal Government pertaining to that invention, improvement, or discovery will be determined in accordance with applicable Federal laws and regulations, including any waiver thereof. Unless the Federal Government later makes a contrary determination in writing, the Contractor agrees that, irrespective of its status or the status of any subcontractor at any tier (e.g., a large business, small business, non profit organization, institution of higher education, individual), the Contractor agrees it will transmit to the Federal Government those rights due the Federal Government in any invention resulting from the contract.

### 4. Federal Interest in Data and Copyrights

(a) Definition. The term "subject data" used in this section means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under the Contract. Examples include, but are not limited, to: computer software, engineering drawings and associated lists, specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term "subject data" does not include financial reports, cost analyses, and similar information incidental to Contract administration.

(b) Federal Restrictions. The following restrictions apply to all subject data first produced in the performance of the Contract. Except as provided in the Contract and except for its own internal use, the Contractor may not publish or publicly reproduce subject data in whole or in part, or in any manner or form, nor may the Contractor authorize others to do so, without the written consent of the County and the Federal Government, until such time as the Federal Government may have either released or approved the release of such data to the public.

(c) Federal Rights in Data and Copyrights. In accordance with subparts 34 and 36 of the Common Rule, the County and the Federal Government reserve a royalty free, non exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for County or Federal Government purposes, the types of subject data described below. Without the copyright owner's consent, the County and Federal Government may not extend their license to other parties.

(1) Any subject data developed under the contract or subagreement financed by a federal Grant Agreement or Cooperative Agreement, whether or not a copyright has been obtained; and

- (2) Any rights of copyright which the Contractor purchases ownership with Federal assistance.
- (d) Special Federal Rights for Planning Research and Development Projects. When the Federal Government provides financial assistance for a planning, research, development, or demonstration project, its general intention is to increase public knowledge, rather than limit the benefits of the project to participants in the project. Therefore, unless the Federal Government determines otherwise, the Contractor on a planning, research, development, or demonstration project agrees that, in addition to the rights in data and copyrights set forth above, the County or Federal Government may make available to any third party either a license in the copyright to the subject data or a copy of the subject data. If the project is not completed for any reason whatsoever, all data developed under the project will become subject data and will be delivered as the County or Federal Government may direct. This subsection, however, does not apply to adaptations of automatic data processing equipment or previously existing software programs for the County's use whose costs are financed with Federal transportation funds for capital projects.
- (e) Hold Harmless. Unless prohibited by state law, upon request by the County or the Federal Government, the Contractor agrees to indemnify, save, and hold harmless the County and the Federal Government and their officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by the Contractor of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data furnished under the Contract. The Contractor will not be required to indemnify the County or Federal Government for any such liability arising out of the wrongful acts of employees or agents of the County or Federal Government.
- (f) Restrictions on Access to Patent Rights. Nothing contained in this section on rights in data will imply a license to the County or Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the County or Federal Government under any patent.
- (g) Application on Materials Incorporated into Project. The requirements of Subsections 2, 3, and 4 of this Section do not apply to material furnished by the County and incorporated into the work.

#### 5. Records and Audits

Contractor will deliver or cause to be delivered all documents (including but not limited to all Deliverables and supporting data, records, graphs, charts and notes) prepared by or for the County under the terms of this Agreement to the County promptly in accordance with the time limits prescribed in this Contract, and if no time limit is specified, then upon reasonable demand therefor or upon termination or completion of the Services hereunder. In the event of the failure by the Contractor to make such delivery, then and in that event, the Contractor will pay to County reasonable damages the County may sustain by reason thereof.

The County and the Federal Government will have the right to audit all payments made to the Contractor under this Agreement. Any payments to the Contractor which exceed

the amount to which the Contractor is entitled under the terms of this Agreement will be subject to set off.

The Contractor will keep and retain records relating to this Agreement and will make such records available to representatives of the County and the Federal Government, including without limitation the sponsoring federal agency, other participating agencies, and the Comptroller General of the United States, at reasonable times during the performance of this Agreement and for at least five years after termination of this Agreement for purposes of audit, inspection, copying, transcribing and abstracting.

No provision in this Agreement granting the County or the Federal Government a right of access to records is intended to impair, limit or affect any right of access to such records which the County or the Federal Government would have had in the absence of such provisions.

#### 6. Environmental Requirements

The Contractor recognizes that many Federal and state laws imposing environmental and resource conservation requirements may apply to the Contract. Some, but not all, of the major Federal Laws that may affect the Contract include: the National Environmental Policy Act of 1969, as amended, 42 U.S.C. §§ 4321 et seq.; the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. and scattered sections of 29 U.S.C.; the Clean Water Act, as amended, scattered sections of 33 U.S.C. and 12 U.S.C.; the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6901 et seq.; and the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq. The Contractor also recognizes that U.S. EPA, U.S. DOT and other agencies of the Federal Government have issued and are expected in the future to issue regulations, guidelines, standards, orders, directives, or other requirements that may affect the Contract. Thus, the Contractor agrees to adhere to, and impose on its subcontractors, any such Federal requirements as the Federal Government may now or in the future promulgate. Listed below are requirements of particular concern.

The Contractor acknowledges that this list does not constitute the Contractor's entire obligation to meet all Federal environmental and resource conservation requirements. The Contractor will include these provisions in all subcontracts.

(a) Environmental Protection. The Contractor agrees to comply with the applicable requirements of the National Environmental Policy Act of 1969, as amended, 42 U.S.C. §§ 4321 et seq. in accordance with Executive Order No. 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations," 59 Fed. Reg. 7629, Feb. 16, 1994; U.S. DOT statutory requirements on environmental matters at 49 U.S.C. § 5324(b); Council on Environmental Quality regulations on compliance with the National Environmental Policy Act of 1969, as amended, 40 C.F.R. Part 1500 et seq.; and U.S. DOT regulations, "Environmental Impact and Related Procedures," 23 C.F.R. Part 771 and 49 C.F.R. Part 622.

(b) Air Quality. The Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. Specifically, the Contractor agrees to comply with applicable requirements of U.S. EPA regulations, "Conformity to State of Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 U.S.C. or the Federal Transit Act," 40 C.F.R. Part 51, Subpart T; and

“Determining Conformity of Federal Actions to State or Federal Implementation Plans,” 40 C.F.R. Part 93. The Contractor further agrees to report and require each subcontractor at any tier to report any violation of these requirements resulting from any Contract implementation activity to the County and the appropriate U.S. EPA Regional Office.

(c) Clean Water. The Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§ 1251 et seq. The Contractor further agrees to report and require each subcontractor at any tier to report any violation of these requirements resulting from any Contract implementation activity to the County and the appropriate U.S. EPA Regional Office.

(d) List of Violating Facilities. The Contractor agrees that any facility to be used in the performance of the Contract or to benefit from the Contract will not be listed on the U.S. EPA List of Violating Facilities (“List”), and the Contractor will promptly notify the County if the Contractor receives any communication from the U.S. EPA that such a facility is under consideration for inclusion on the List.

(e) Preference for Recycled Products. To the extent practicable and economically feasible and to the extent that it does not reduce or impair the quality of the work, the Contractor agrees to use recycled products in performance of the Contract pursuant to U.S. Environment Protection Agency (U.S. EPA) guidelines at 40 C.F.R. Parts 247 253, which implement section 6002 of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6962.

#### 7. No Exclusionary or Discriminatory Specifications

Apart from inconsistent requirements imposed by Federal statute or regulations, the Contractor agrees that it will comply with the requirements of 49 U.S.C. § 5323(h)(2) by refraining from using any Federal assistance to support subcontracts procured using exclusionary or discriminatory specifications.

#### 8. No Federal Government Obligations to Third Parties

The Contractor agrees that, absent the Federal Government's express written consent, the Federal Government will not be subject to any obligations or liabilities to any contractor or any other person not a party to the Grant Agreement or Cooperative Agreement between the County and the Federal Government which is a source of funds for this Contract. Notwithstanding any concurrence provided by the Federal Government in or approval of any solicitation, agreement, or contract, the Federal Government continues to have no obligations or liabilities to any party, including the Contractor.

#### 9. Allowable Costs

Notwithstanding any compensation provision to the contrary, the Contractor's compensation under this Contract will be limited to those amounts which are allowable and allocable to the Contract in accordance with OMB Circular A 87 and the regulations in 49 C.F.R. Part 18. To the extent that an audit reveals that the Contractor has received payment in excess of such amounts, the County may offset such excess payments against any future payments due to the Contractor and, if no future payments are due or if future

payments are less than such excess, the Contractor will promptly refund the amount of the excess payments to the County.

#### 10. Trade Restrictions

Contractor certifies that neither it nor any Subcontractor:

- (a) is owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- (b) has knowingly entered into any contract or subcontract with a person that is a citizen or national of a foreign country on said list, nor is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- (c) will procure, subcontract for, or recommend any product that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no Notice to Proceed will be issued to an entity who is unable to certify to the above. If Contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project, the USDOT may direct, through the County, cancellation of the Contract at no cost to the Government.

Further, Contractor agrees that it will incorporate this provision for certification without modification in each subcontract. Contractor may rely on the certification of a prospective Subcontractor unless it has knowledge that the certification is erroneous. Contractor will provide immediate written notice to the County if it learns that its certification or that of a Subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. Each Subcontractor must agree to provide written notice to Contractor if at any time it learns that its certification was erroneous by reason of changed circumstances. Nothing contained in the foregoing will be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision.

The knowledge and information of the Contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 100.

#### 11. Contract Work Hours and Safety Standards Act

If applicable according to their terms, the Contractor agrees to comply and assures compliance with sections 102 and 107 of the Contract Work Hours and Safety Standards Act, as amended, 40 U.S.C. §§ 327 through 333, and implementing U.S. DOL regulations, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction (also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act)," 29 C.F.R. Part 5; and U.S. DOL regulations, "Safety and Health Regulations for Construction," 29 C.F.R. Part 1926. In addition to other requirements that may apply:

- (a) In accordance with section of the Contract Work Hours and Safety Standards Act, as amended, 40 U.S.C. §§ 327 through 332, the Contractor agrees and assures that, for

the Contract, the wages of every mechanic and laborer will be computed on the basis of a standard work week of 40 hours, and that each worker will be compensated for work exceeding the standard work week at a rate of not less than 1.5 times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The Contractor agrees that determinations pertaining to these requirements will be made in accordance with applicable U.S. DOL regulations, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction (also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act)," 29 C.F.R. Part 5.

(b) In accordance with section 107 of the Contract Work Hours and Safety Standards Act, as amended, 40 U.S.C. § 333, the contractor agrees and assures that no laborer or mechanic working on a construction contract will be required to work in surroundings or under working conditions that are unsanitary, hazardous, or dangerous to his or her health and safety, as determined in accordance with U.S. DOL regulations, "Safety and Health Regulations for Construction," 29 C.F.R. Part 1926.

## 12. Copyright Ownership

Consultant and the County intend that, to the extent permitted by law, the Deliverables to be produced by Consultant at the County's instance and expense pursuant to this Agreement are conclusively deemed "works made for hire" within the meaning and purview of Section 101 of the United States Copyright Act, 17 U.S.C. §101 et seq. (the "Copyright Act"), and that the County will be the copyright owner of the Deliverables and of all aspects, elements and components of them in which copyright can subsist.

To the extent that any Deliverable does not qualify as a "work made for hire," Consultant irrevocably grants, conveys, bargains, sells, assigns, transfers and delivers to the County, its successors and assigns, all right, title and interest in and to the copyrights and all U.S. and foreign copyright registrations, copyright applications and copyright renewals for them, and other intangible, intellectual property embodied in or pertaining to the Deliverables prepared for the County under this Agreement, free and clear of any liens, claims or other encumbrances, to the fullest extent permitted by law. Consultant will execute all documents and perform all acts that the County may reasonably request in order to assist the County in perfecting its rights in and to the copyrights relating to the Deliverables, at the sole expense of the County.

Consultant warrants to County, its successors and assigns, that on the date of transfer Consultant is the lawful owner of good and marketable title in and to the copyrights for the Deliverables and has the legal rights to fully assign them. Consultant further warrants that it has not assigned any copyrights nor granted any licenses, exclusive or nonexclusive, to any other party, and that it is not a party to any other agreements or subject to any other restrictions with respect to the Deliverables. Consultant warrants and represents that the Deliverables are complete and comprehensive, and the Deliverables are a work of original authorship.

## 13. Visual Rights Act Waiver

The Consultant/Contractor waives any and all rights that may be granted or conferred under Section 106A and Section 113 of the United States Copyright Act, (17 U.S.C. § 101 et seq.) (the "Copyright Act") in any work of visual art that may be provided

pursuant to this Agreement. Also, the Consultant/Contractor represents and warrants that the Consultant/Contractor has obtained a waiver of Section 106A and Section 113 of the Copyright Act as necessary from any employees and subcontractors, if any.

#### 14. Equal Employment Opportunity

During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been

received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

15. Copeland "Anti-Kickback" Act (40 U.S.C. 3145))

All contracts and subgrants in excess of \$2000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

16. Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708)

Where applicable, all contracts awarded by recipients in excess of \$100,000 that involve the employment of mechanics or laborers shall include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR part 5). Under 40 U.S.C. 3702 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

17. Rights to Inventions Made Under a Contract or Agreement

Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

18. Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended

Contracts and subgrants of amounts in excess of \$150,000 shall contain a provision that requires the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.). Violations shall be

reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

19. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

20. Debarment and Suspension (E.O.s 12549 and 12689)

No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension." This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.

**ARTICLE 11) NOTICES**

All notices required pursuant to this Contract shall be in writing and addressed to the parties at their respective addresses set forth below. All such notices shall be deemed duly given if hand delivered or if deposited in the United States mail, postage prepaid, registered or certified, return receipt requested. Notice as provided herein does not waive service of summons or process.

If to the County:       Cook County Office Building  
                                  Department of Transportation and Highways  
                                  69 West Washington Street, Suite 2400  
                                  Chicago, Illinois 60602  
                                  Contract No. 2316-05022D  
                                  Attention: Superintendent

and

Cook County Chief Procurement Officer  
161 North Clark Street, Suite 2300  
Chicago, Illinois 60601  
Contract No. 2316-05022D  
Attention: Cook County Chief Procurement Officer

If to Consultant:       Infrastructure Engineering, Inc.  
1 South Wacker Drive, Suite 2650  
Chicago, Illinois 60606  
Contract No. 2316-05022D  
Attention: Ken Smorynski, Vice President  
C: 773/562/0945  
[smorynski@infrastructure-eng.com](mailto:smorynski@infrastructure-eng.com)

Changes in these addresses must be in writing and delivered in accordance with the provisions of this Article 11. Notices delivered by mail are considered received three days after mailing in accordance with this Article 11. Notices delivered personally are considered effective upon receipt. Refusal to accept delivery has the same effect as receipt.

## **ARTICLE 12)   AUTHORITY**

Execution of this Agreement by Consultant is authorized by a resolution of its Board of Directors, if a corporation, or similar governing document, and the signature(s) of each person signing on behalf of Consultant have been made with complete and full authority to commit Consultant to all terms and conditions of this Agreement, including each and every representation, certification and warranty contained in it, including the representations, certifications and warranties collectively incorporated by reference in it.

EXHIBIT 1

Board Authorization



# Board of Commissioners of Cook County

118 North Clark Street  
Chicago, IL

## Legislation Details (With Text)

**File #:** 25-0783      **Version:** 1      **Name:** Contract for Construction Management Services – Various Various-Co number-2316-05022D

**Type:** Contract (Highway)      **Status:** Approved

**File created:** 12/30/2024      **In control:** Transportation Committee

**On agenda:** 2/6/2025      **Final action:** 3/13/2025

**Title:** PROPOSED CONTRACT (TRANSPORTATION AND HIGHWAYS)

Department(s): Transportation and Highways

Vendor: Infrastructure Engineering, Inc., Chicago, Illinois

Request: Authorization for the Chief Procurement Officer to enter into and execute contract.

Good(s) or Service(s): Professional Services - Construction Management Services

Location: Countywide

Section: 23-CMSVV-05-PV

Contract Value: \$8,000,000.00

Contract period: 4/15/2025 - 4/14/2030

Contract Utilization: The vendor has met the Minority- and Women-owned Business Enterprise Ordinance via: Direct participation. The prime vendor is a certified MBE.

Potential Fiscal Year Budget Impact:

Account

Motor Fuel Tax: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
11300.1500.29150.560019	\$750,000.00	\$1,000,000.00	\$1,000,000.00	\$500,000.00	
\$500,000.00	\$250,000.00				
11300.1500.29150.521536	\$750,000.00	\$1,000,000.00	\$1,000,000.00	\$500,000.00	
\$500,000.00	\$250,000.00				

Accounts: Motor Fuel Tax 11300.1500.29150.560019 (\$4,000,000.00); 11300.1500.29150.521536 (\$4,000,000.00)

Contract Number(s): 2316-05022D

Summary: The Department of Transportation and Highways respectfully requests approval of the proposed Contract between Cook County and Infrastructure Engineering, Inc., Chicago, Illinois.

This contract provides construction management services involving construction supervision, coordination, inspection and documentation in pre-construction, construction and post construction phases (in accordance with the Illinois Department of Transportation (IDOT standards). The Consultant will provide full time individuals who will work under the direction of the Department's Bureau of Construction in the roles of Project Manager, Resident Engineer(s), Assistant Resident Engineer(s) and/or inspector(s), as an extension of and supplement to the Bureau of Construction. Coordination with adjacent property owners, businesses, community stakeholders and utility companies as well as coordination with the various Municipal, County, State and Federal departments

shall be integral to these responsibilities. All services will be requested on as-needed basis.

Request for Qualification (RFQ) procedures were followed in accordance with the Cook County Procurement Code. Infrastructure Engineering, Inc. was selected based on established evaluation criteria.

**Sponsors:**

**Indexes:** JENNIFER (SIS) KILLEN, Superintendent, Department of Transportation and Highways

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
3/13/2025	1	Board of Commissioners	approve	Pass
3/11/2025	1	Transportation Committee		
2/6/2025	1	Board of Commissioners	refer	Pass

**PROPOSED CONTRACT (TRANSPORTATION AND HIGHWAYS)**

**Department(s):** Transportation and Highways

**Vendor:** Infrastructure Engineering, Inc., Chicago, Illinois

**Request:** Authorization for the Chief Procurement Officer to enter into and execute contract.

**Good(s) or Service(s):** Professional Services - Construction Management Services

**Location:** Countywide

**Section:** 23-CMSVV-05-PV

**Contract Value:** \$8,000,000.00

**Contract period:** 4/15/2025 - 4/14/2030

**Contract Utilization:** The vendor has met the Minority- and Women-owned Business Enterprise Ordinance via: Direct participation. The prime vendor is a certified MBE.

**Potential Fiscal Year Budget Impact:**

Account

Motor Fuel Tax:	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
11300.1500.29150.560019	\$750,000.00	\$1,000,000.00	\$1,000,000.00	\$500,000.00	\$500,000.00	\$250,000.00
11300.1500.29150.521536	\$750,000.00	\$1,000,000.00	\$1,000,000.00	\$500,000.00	\$500,000.00	\$250,000.00

**Accounts:** Motor Fuel Tax 11300.1500.29150.560019 (\$4,000,000.00); 11300.1500.29150.521536 (\$4,000,000.00)

**Contract Number(s):** 2316-05022D

**Summary:** The Department of Transportation and Highways respectfully requests approval of the proposed Contract between Cook County and Infrastructure Engineering, Inc., Chicago, Illinois.

This contract provides construction management services involving construction supervision, coordination, inspection and documentation in pre-construction, construction and post construction phases (in accordance with the Illinois Department of Transportation (IDOT standards). The Consultant will provide full time individuals who will work under the direction of the Department’s Bureau of Construction in the roles of Project Manager, Resident Engineer(s), Assistant

Resident Engineer(s) and/or inspector(s), as an extension of and supplement to the Bureau of Construction. Coordination with adjacent property owners, businesses, community stakeholders and utility companies as well as coordination with the various Municipal, County, State and Federal departments shall be integral to these responsibilities. All services will be requested on as-needed basis.

Request for Qualification (RFQ) procedures were followed in accordance with the Cook County Procurement Code. Infrastructure Engineering, Inc. was selected based on established evaluation criteria.

## EXHIBIT 2

### Scope of Services

The selected team of consulting firms will be asked to do various construction management engineering tasks on projects and initiatives throughout the county on an as-needed basis via authorized work orders.

#### **A1.1 Administrative Tasks**

The Consultant shall maintain a database to document and track various tasks, deliverables, and budget issued under this contract. The consultant shall also be available for a weekly check-in call or in-person meeting with the County to provide general status updates for tasks and/or the contract itself.

The team is expected to interact with the public as a representative of the County. It is expected that the team will coordinate with various property owners, businesses, community stakeholders, utility companies, local, state and federal entities.

The Consultant will provide Unmanned Aircraft System (UAS) primarily for photographic and video documentation of the project. The consultant is responsible to ensure that all FAA, federal, state, and CCDOTH requirements, including use of the Drone Zone portal or the Low Altitude Authorization and Notification Capability (LAANC) program, are met prior to any drone usage. Cook County must be indemnified in the UAS specific insurance.

#### **A1.2 Technical Tasks**

All services are to be performed in accordance with Cook County Department of Transportation and Highways (CCDOTH) and Illinois Department of Transportation (IDOT) requirements. Reference materials that the team will be required to utilize are the CCDOTH's Construction Bureau Manual, policies, procedures, IDOT's Standard Specifications for Road and Bridge Construction, manuals, checklists, procedures, guides. Also, all services must be performed in a manner which fulfills all criteria related to local, state, and federal grant funds as required.

The Consultant will provide Construction Management Services (CMS) for the project using CCDOTH's web-based project management systems (currently e-Builder). The services will be inclusive of manpower, materials, tools, equipment, software and incidentals required to successfully accomplish the project. All such resources will be up-to-date in meeting the regional industry standards normally associated with and essential to these services.

The Consultant will assemble a team that has the expertise required for the project's stated work. The team will provide the required services, as set forth below, and ensure the performance and completion of the project in accordance with its contract.

**Construction Management Services include but are not limited to the following:**

***Pre-Construction Phase***

- Review all project bid/contract documents, plans and specifications, addenda, quantities, elevations and dimensions.
- Review and document existing site conditions. Anticipate any potential conflicts / issues and develop alternative solutions.
- Perform original cross-sectioning.
- Set up master file system/project box (daily diary, field books, quantity books, as built plans, forms, reports, logs etc.) following the Cook County Construction Bureau Manual policies and procedures.
- Review and fulfill all reporting requirements for project grants, agreements and permits.
- Coordinate, monitor and document utility and other permit work.
- Chair and/or participate in various meetings; Prepare/compile/distribute required meeting materials (pre-meeting: agenda, topic items, etc.; post-meeting: meeting minutes, action items, etc.).

***Construction Phase***

- Perform outreach to the municipalities, property owners, businesses, other community stakeholders and the general public.
- Review the project progress schedule for compliance with contract milestones; Monitor progress of work in accordance with approved schedule; Recommend actions if actual progress is behind approved schedule.
- Maintain master file system/project box (daily diary, field books, quantity books, as built plans, forms, reports, logs etc.), following Cook County Construction Bureau Manual policies and procedures, and ensure it remains neatly arranged and in proper order and up to date.
- Keep all project documentation (daily diary, field books, quantity books, as-built plans, forms, reports, logs, etc.) up to date and include all relevant observations/information.
- Review all submittals, RFIs, extra work and AUPs for compliance with the construction contract and respond accordingly; Maintain logs, track status, and ensure timely turnaround.
- Inspect the establishment and maintenance of traffic control and protection and pedestrian access for conformance with the contract plans and documents; Perform all necessary traffic control and pedestrian access checks, document deficiencies and provide to the contractor for timely action; Verify satisfactory correction within the allotted time; Otherwise, inform the Department of deficiencies not corrected by the Contractor and impose traffic control deficiency deduction until resolved.
- Monitor and document erosion control; Ensure conformity with the contract plans and documents.
- Verify construction layout; Inspect and monitor materials, ensure proper certification; Inspect general construction for compliance with all contract documents.
- Perform checks of sidewalks, ramps and crosswalks for compliance with ADA requirements and fulfill all reporting requirements.

- Resolve construction design and other issues; Issue field orders and update field order log; Negotiate contract extra work and AUPs; Incorporate all revisions into project documentation and reflect on as-built plans.
- Chair and/or participate in various meetings; Prepare/compile/distribute required meeting materials (pre-meeting: agenda, topic items, etc.; post-meeting: meeting minutes, action items, etc.).
- Measure, calculate and quantify items; Prepare progressive documentation.
- Prepare pay estimates and change orders.
- Prepare weekly and monthly project reports as required by work performed and funding source.
- Coordinate, monitor and document utility and other permit work.
- Review material test reports for concrete, asphalt and aggregates; Update and issue material test reports log
- Maintain a running list of all remedial work items and periodically provide to contractor for timely action; Facilitate timely and satisfactory completion of all work and acceptance of the project.
- Perform final inspection of the project with the Department, Contractor(s), local and/or state agency representatives; Indicate all remedial work items on the final inspection report and provide to the
- Contractor for timely action; Verify satisfactory completion of all remedial work within the allotted time and provide a recommendation to the Department for acceptance of the project; Otherwise, inform the Department of remedial work not completed by the Contractor and impose liquidated damages until resolved.
- Review and fulfill all construction requirements and reporting for project grants, agreements and permits.

### ***Post Construction Phase***

- Complete evaluations for all Contractors who performed work on the project per requirements from funding source.
- Conduct post construction meeting(s) with all interested parties.
- Transmit all warranties/guarantees.
- Complete, review, and compile final quantities and all final documentation.
- Prepare balancing change order.
- Complete and submit the master file system/project box following the Cook County Construction Bureau Manual policies and procedures include but are not limited to the following:
  - field books
  - quantity books
  - daily diary
  - as built plans (must be hard copy)
  - forms, reports, logs
- Finalize all reporting requirements for project grants, agreements and permits.

All final documentation shall be submitted in hard copy and electronic format. The Department must receive the master file system/project box (complete with all field books, quantity books, daily diary, as built plans, forms, reports, logs, and all other supporting delivery tickets, certifications, documentation, etc.) from the Consultant no later than 60 days after the substantial completion date, as indicated in the contract work order Exhibit – Schedule for the project or as revised and approved.

## EXHIBIT 3

### Key Personnel



Indicates Key Personnel

Indicates Key Support Personnel

**PROJECT PRINCIPAL**   
Ken Smorynski, PE, SE (IEI)  
PE License # 062.051758  
SE License # 081.005763

**QUALITY LEAD**   
Hasan Ahmed, PE (IEI)  
PE License # 062-069729

**PROJECT MANAGER/  
CONSTRUCTABILITY REVIEW**   
Jeff Pollack, PE (IEI)  
PE License # 062.053249

**RESIDENT ENGINEER**   
Chirag Dave, PE (IEI), PE License # 062.068578

**ASSISTANT RESIDENT ENGINEERS**   
Hussain Alsayed, PE (IEI), PE License # 062.072892  
Patience Bonglack, PE (TEG), PE License # 062-067306

**CONSTRUCTION SERVICES**

**SUPPORT SERVICES**

**CONSTRUCTION INSPECTORS**   
Structural Inspector Lead:  
Jay Pathak, PE (TS)  
PE License # 062.064485  
Roadway Inspector Lead:  
Mohammed Mateen (IEI)  
Doc certificate # 20.18103  
Senior Inspector:  
Dwayne Commodore (TEG)  
Doc certificate # 21.19396  
Inspector:  
Raquib Khursiwala (APS)  
Doc certificate # 22.19525  
Inspector:  
Mohammed Mazheruddin (APS)  
Doc certificate # 21.19253

**MATERIALS ENGINEERS**   
Material Inspector:  
Vijay Patel (INT)  
Doc certificate # 20.16306  
Material Engineer:  
Arun Tailor (INT)  
Doc certificate # 19.16116

**DOCUMENTATION ENGINEERS**   
Documentation Engineer:  
Randy Maamari, EIT (AEG)  
EIT #061.040946  
Doc certificate # 20.16727  
Documentation Engineer:  
Farshad Rajeei (IEI)  
Doc certificate # 21.18161

**ROADWAY DESIGN**   
Raspal Bajwa, PE (IEI)  
PE License # 062.050163  
Kyle Duffy, PE (TS)  
PE License # 062.068505

**STRUCTURAL DESIGN**   
Pankaj Kumar, PE,SE (IEI)  
PE License # 062.072063  
SE License # 081.007577

**SURVEYING**   
Survey Chief: Roark Rogers, PLS (AEG)  
PLS License # 035.003765  
Survey Tech: Joseph Mack (AEG)

**UTILITY CONFLICT COORDINATOR**   
Duane Mahone, PE (IEI)  
PE License # 062.065167

**AGENCY COORDINATOR**   
Adam Ralph, PE (IEI)  
PE License # 062.068161

**UNMANNED AIRCRAFT SYSTEM LEAD**   
Jimmy Noland, PE (AEG)  
Remote Pilot Cert # 4819137

Key Personnel and % Availability	
100%	Infrastructure Engineering Inc. (IEI); Our Key Construction Staff including our proposed RE, Mr. Chirag Dave, PE is available to work 100%. Our support staff is available and fully committed to work on this project on as-needed basis.
100%	APS Consulting, Inc.(APS); 100% key staff availability
100%	Atlas Engineering Group, Ltd. (AEG); 100% key staff availability
100%	Interra, Inc. (INT); 100% key staff availability
100%	TransLand Engineering Group, LLC (TEG); 100% key staff availability
100%	TranSystems Corporation (TS); 100% key staff availability



# SECTION 6A

## KEY PERSONNEL RESUMES



# Jeffrey Pollack, PE

Project Manager / Constructability Review

Mr. Pollack brings over 40 years of experience in construction and engineering consultation. For 17 years, he was focused on project engineering and project management, overseeing various transportation and infrastructure projects.

For over 20 years, Mr. Pollack has been consulting as a Resident Engineer and Senior Construction Inspection Manager, managing teams to deliver complex, multi-million-dollar transportation projects for the Chicago Transit Authority (CTA), Illinois State Toll Highway Authority (Tollway), the Illinois Department of Transportation (IDOT), the Chicago Department of Transportation (CDOT), Cook County, and the City of Waukegan.

## EXPERIENCE

**Interchange Reconstruction of I-55 from I-80 to US 52 and Auxiliary Lanes on I-55, Bridge Rehab at US 52 and I-55; Illinois Department of Transportation (IDOT); Will County, IL** – Project Manager. The improvements under 62H15 are roadway reconstruction and widening of IL 59, Rock Run Crossings Drive and Seil Road as well as the complete reconfiguration of the existing traditional partial diamond interchange into a proposed full Diverging Diamond Interchange at I-55 and IL-59. Work includes but not limited to new ramps and pavement construction, approach slabs, retaining wall, Noise Abatement Walls, Bridge railing, fencing, Traffic signals, double box culvert, pipe culvert, jacked-in-place pipe, storm sewer, six stormwater detention ponds, shared-use path, roadway lighting, ITS and collateral work necessary to complete the project. 62H16 consists of bridge rehab, channelization and traffic signal modernization at US 52 (Jefferson St) and I-55 interchange and all the work associated.

**Cermak Road Vertical Clearance Improvement Spec Number: 1201397; Chicago Department of Transportation (CDOT); Chicago, IL** – Project Manager. The general scope included service required for the construction inspection and supervision for removal of existing roadway pavement, asphalt surface removal, sidewalk removal, driveway pavement removal, median removal, buried streetcar track removal, excavation, granular sub-base, P.C.C. base course, HMA binder and surface course, combination concrete curb and gutter, concrete sidewalk, ADA sidewalk ramps, P.C.C. driveway pavement, P.C.C. medians, P.C.C. crash wall, impact attenuators, drainage structures, storm sewer, sewer lining, adjustment of existing structures, temporary pavement, new street lighting, viaduct lighting, topsoil, sodding, signage, and pavement markings. The construction cost of this project is approximately \$ 6.0 million.

**RR-18-4434; Illinois State Toll Highway Authority; Kane/DuPage County, IL** –

- **Contract RR-19-4474: Pavement and Structural Reconstruction and Rehabilitation at Reagan Memorial Tollway (I-88) MP 118.1 (Plaza 61) to MP 123.5 (IL Route 59)** – Resident Engineer. This project includes rehabilitation of existing mainlines and ramps pavement; structure rehabilitation of mainline of Eola Rd. Bridge and EJ&E Railroad Bridge; replacement of the existing bridges

## HIGHLIGHTS

### YEARS OF INDUSTRY EXPERIENCE

40 Years

### EDUCATION

#### B.S. Civil Engineering

University of Illinois at Chicago (UIC)  
Chicago, IL

#### B.S. Civil Engineering

Ural State University  
Chelyabinsk, Russia

### LICENSE(S)

#### Professional Engineer:

IL #062053249

### CERTIFICATIONS/ CONTINUING EDUCATION

#### IDOT

Documentation of Contract Quantities,  
Illinois, United States, No. 24-21587

Erosion and Sediment Control Workshop Module III: Inspection Module

Mixture Aggregate technician, Illinois

Portland Cement Concrete Level II, Illinois

#### CTA

Rail Safety Training

e-Builder Training

#### OSHA

30 Hour Construction Safety

### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
01/2012 – Present



over the Illinois Prairie Path with new asphalt pavement and a three-sided cast-in-place Pedestrian Culvert; installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement patches; pavement asphalt overlay; pavement markings; milling and overlay shoulders; delineators and signage installation; maintenance of traffic; erosion and sediment control. The construction cost of this project is approximately \$33.2 million.

- **Contract 4451: Pavement and Structural Preservation and Rehabilitation at Reagan Memorial Tollway (I-88) MP 113.6 (IL Route 56) to MP 123.9 (IL Route 59) – Resident Engineer.** This project includes rehabilitation of existing mainline and ramp pavements; structure rehabilitation of Mainline Bridges – No. 811, 812, 802, 803, 807, 809, 819, 821; installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement markings, delineators, and signage installation; maintenance of traffic. The construction cost of this project is approximately \$8.1 million. IEI team provided on-site inspection, reviewed and approved submittals, processed RFI's, pushed the contract schedule, processed all documentation and pay applications, and provided review of contract documents and coordinated construction changes.

**Jackson Park Roadway Framework Improvements; Chicago Department of Transportation (CDOT); Chicago, IL – Constructability Review Engineer** for Phase I and Phase II Roadway and Structural Improvements in and around Jackson Park for the City of Chicago from IEI's main office in downtown Chicago. The City of Chicago is updating the South Lakefront Framework Plan in consideration of several changes planned for Jackson Park including the formation of the Obama Presidential Campus (OPC), the restoration and merger of the Jackson Park and South Shore Golf Courses and the roadway improvements to support the OPC and golf course. The joint venture team C\*NECT is performing preliminary infrastructure concept design, contract development for the preliminary and final design engineering required for implementation of roadway improvements that will consider increased safety, road-way mobility and pedestrian accommodations in and around Jackson Park.

**Illinois Route 83 Resurfacing/Illinois 72 (Higgins Road) to Illinois 64 (North Avenue); Illinois Department of Transportation (IDOT); Cook/DuPage Counties, IL – Resident Engineer.** Work included HMA pavement patching, mainline with shoulder milling and resurfacing, new pavement for the extension of the left turn lanes at Foster Avenue, Hillside Drive, and Mark Street, new storm sewers and catch basins, ditch grading between Devon Avenue and Mark Street, median surface removal and replacement with topsoil and seed, curb and gutter removal and replacement at various locations, drainage structure and storm sewer cleaning throughout, detector loop replacement throughout, installation of thermoplastic pavement markings, and raised reflective pavement markers.

**71st Street Streetscaping between Jeffrey and Yates; Chicago Department of Transportation; Chicago IL - Project Manager** for Chicago Department of Transportation 71st St. streetscape. The scope includes inspection and documentation of pavement removal & replacement, conduit installation, light pole removal and replacement, light pole foundation and sidewalk installation, concrete QC, ADA QC, and landscaping items. Professional Services: 2015; Construction: 2014

**New Bridge Construction-Illinois Department of Transportation, District 4, Colmar, IL – Project Manager** with District 4. IEI services have included monitoring driving of metal H-pile and sheet pile. In addition, performed concrete quality control tests for bridge structure and super structure. Scope of work also included performing construction inspection for project quality and assisting in construction layout for new bridge piers, precast concrete beams, and new roadway.



# Chirag Dave, PE

## Resident Engineer

Mr. Dave is a licensed professional engineer in Illinois with more than 18 years of construction engineering and project management experience. As a resident engineer, Mr. Dave has managed various road and bridge construction projects successfully throughout the Chicago area. He has extensive experience working on projects for CCDOTH, IDOT, Tollway, CDOT, and other agencies. Mr. Dave's strong technical background and nearly two decades of field experience make him a key person within the construction project management team.

### EXPERIENCE

**Madison Street/Joliet Road Intersection Reconstruction; Village of Burr Ridge; IL** - Resident Engineer responsible for construction observation; material testing coordination; construction documentation; monitoring punch list completion work; and facilitating final project closeout. The project addressed congestion and traffic movement issues by converting the existing all-way stop intersection to a signalized intersection. The project was funded by IDOT and the Village of Burr Ridge, and IDOT documentation procedures were followed.

**Illinois Prairie Path Pedestrian Bridge over the EJ&E Railroad Construction Services; DuPage County Division of Transportation; Wayne, IL** - Resident Engineer responsible for the construction of new pedestrian truss superstructure; removal of the existing at-grade gravel approaches; and new aggregate trail with landscaping on the Illinois Prairie Path from Army Trail southeasterly for 600 feet in the Village of Wayne. Major construction activities included the placement of test piles and data calculations; installation of piles, pile caps, piers, pier caps, and bearings; bridge deck placements; and deck pour. The project was funded by IDOT and DuPage County, and IDOT documentation procedures were followed.

**Wesley Street/Manchester Road Bridge Replacement Construction Services; City of Wheaton; Wheaton, IL** - Assistant Resident Engineer responsible for the removal and replacement of a historic Truss Bridge and Manchester Bridge; structural repair of concrete abutments; micro silica overlay; construction of parapet walls; realignment and profile adjustments of six impacted roadways; installation of new street lighting with the improvement of a signalized intersection; full depth HMA placement; and pavement markings, reflectors, landscaping, and traffic control for staging operations. Mr. Dave was fully involved in construction activities and project documentation, such as generating pay estimates and authorizations; and submitting material inspections. The project was funded by IDOT, and IDOT documentation procedures were followed.

**Contract RR-19-4474: Pavement and Structural Reconstruction and Rehabilitation at Reagan Memorial Tollway (I-88) MP 118.06 (Plaza 61) to MP 123.46 (IL Route 59)** - Assistant Resident Engineer. This project includes rehabilitation of existing mainlines and ramps pavement; structure rehabilitation of mainline of Eola Rd. Bridge and EJ&E Railroad Bridge; Replace the existing bridges

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

18 Years

#### EDUCATION

Master of Engineering and Construction Management  
Illinois Institute of Technology  
Chicago, IL

M.S. Technology  
Construction & Project Management  
CEPT University  
India

B.S. Civil Engineering  
Sardar Vallabhbhai Patel  
Institute of Technology  
India

#### LICENSES

Professional Engineer  
IL #062068578

#### CERTIFICATIONS/ CONTINUING EDUCATION

Illinois DOT Documentation of Contract Quantities, Illinois, United States, No. 24-21568

E-Builder Certification Spring 2014

OSHA 30-Hour Construction  
Serial #: 14417988

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
06/2014 - Present



over the Illinois Prairie Path with new asphalt pavement and Three-Sided Cast in Place Concrete Structures; installation of guardrail; regrading and shaping ditches; sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement patches; pavement asphalt overlay; pavement markings; milling and overlay shoulders; delineators and signage installation; maintenance of traffic; erosion and sediment control. The construction cost of this project is approximately \$33.2 million.

**Contract 4451: Pavement and Structural Preservation and Rehabilitation at Reagan Memorial Tollway (I-88) MP 113.6 (IL Route 56) to MP 123.9 (IL Route 59)** – Assistant Resident Engineer. Rehabilitation of existing pavement and ramp pavements; structure rehabilitation of Mainline Bridges, installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement markings, delineators and signage installation; maintenance of traffic. IEI and its team provided on-site inspection, review and approve submittals, process RFI's, push the contract schedule, process all documentation, and pay applications, and provide review of contract documents and coordinate construction changes.

**71st Street Streetscape Phase One Construction - Jeffery Blvd. to South Shore Drive; CDOT; Chicago, IL** – Resident Engineer. This project includes sidewalk, landscaping, lighting and roadway improvements from Jeffery Boulevard to South Shore Drive. Phase one of this construction project was limited to improvements in the parkways and curb lines of 71st Street. This includes but is not limited to sidewalk, curb & gutter and partial pavement removal and replacement, drainage structure replacement, landscaping work, street lighting removal/replacement, permeable paver installation; community banner installation and inspection, benches, bike racks, trash receptacles and other street furniture installation. Project was completed on time and within budget including successful closeout.

**Rt. 83 Resurfacing Project; Illinois Department of Transportation (IDOT); Bensenville, IL** – Assistant Resident Engineer for the resurfacing of approximately eight miles of roadway, reconstruction of the median, and replacing traffic detector loops. Located between the intersection of Illinois Routes 83 and 64 (south) and the intersection of Illinois Routes 83 and 72 (north), the project included two separate construction contracts. Contract 60N49 included the north section of the roadway extending between IL Routes 72 and 19, and Contract 60V54 included the south section of the roadway extending between IL Routes 19 and 64. This significantly improved the deteriorating condition of the pavement and median and provided a safer and more efficient roadway.

**Chicago Neighborhood Engineering and Construction Team (C\*NECT); Chicago Department of Transportation (CDOT); Chicago, IL** – Project Programming, Survey and Estimate Section Manager. Mr. Dave is responsible for submitting cost estimates for concrete and asphalt surveys per current CDOT standards. Mr. Dave is managing a large team very efficiently to submit surveys on time. Mr. Dave's responsibilities includes but not limited to assign projects to surveyors, coordinate with surveyors to resolve any field issues, assign projects to reviewer and resolve technical issues if any, performing final review on asphalt and concrete projects and submitting it to CDOT, Coordinate and assist project admit team on particular requests, Coordination with CDOT liaisons.

#### CONTINUED:

IDOT Erosion and Sediment Control Workshop Module I: Fundamental Module, Issued: 10/3/2016

IDOT Erosion and Sediment Control Workshop Module III: Inspection Module, Issued: 10/14/2016

IDOT Portland Cement Concrete Level I, Illinois, Issued: 05/26/2006

IDOT Portland Cement Concrete Level II, Illinois, Issued: 03/24/2009

IDOT Hot Mix Asphalt Level I, Illinois, United States Issued: 02/08/2008

IDOT Hot Mix Asphalt Level II, Illinois, United States Issued: 04/24/2009

IDOT, Geotechnical Field Testing & Inspection, S-33. Issued: 02/24/2011

IDOT - Technology Transfer Training - Piling, Illinois, United States, No. Serial No. 833648 Issued: 03/01/2011

IDOT Mat Mgmt RE Train, Illinois, United States Issued: 02/11/2010



# Hussain Alsayed, PE

## Assistant Resident Engineer

Mr. Alsayed has seven years of construction management and roadway design experience and has successfully worked as a Documentation Engineer on previous Tollway projects. Mr. Alsayed is also experienced in the inspection of maintenance of traffic (MOT), drainage systems, erosion control, traffic signals, street lighting, roadway signage, pavement repairs, and underground structures, such as water mains, water service lines, storm sewers, and sanitary sewers. His experience also includes preparing as-built drawing sets, meeting minutes, progress meeting agendas, change orders, extra work orders, and RFIs. He also worked on document control (reports, certified payrolls, revised project schedules, submittals, etc.). His construction oversight, documentation talents, and great management skills were key in IEI's deliver of a fast-paced, demanding Capital Improvement Program for the City of Waukegan and the Tollway.

### EXPERIENCE

**Contract Number: 1555-14475-EC8: Southland Fiber Network Expansion-Resident Engineer.** The general scope included Phase III engineering service required for the construction inspection and supervision for the fiber network expansion at Chicago Southland. The purpose of the fiber network expansion project is to provide Chicago southland users with a rapid and reliable network to enhance existing business and attract new business and investors. The project will also connect additional communities and police departments to increase safety and development opportunities in the area. The work includes installation of underground coilable nonmetallic conduit by directional boring, installation of 144 & 44 strand fiber optic cables, installation of fiber optic handholes with warning post. The construction cost of this project is approximately \$ 3.0 million.

**Capital Improvement Program Management; City of Waukegan; Waukegan, IL** – Resident Engineer. The City of Waukegan embarked on an ambitious 5-year Capital Improvement Program (CIP) that included approximately \$150M in capital improvements. As part of this program, IEI assisted the city in the management, coordination, and delivery of the program. This included managing design consultants, providing design support, bidding support, and construction management support. The 2018 Asphalt and Sidewalk programs totaled more than \$9M in construction costs for roadway rehabilitation, curb and sidewalk improvements, and ADA ramp improvements. IEI's construction and design team assessed the delivery of the 2018 program and assisted in moving forward with design considerations, specifications, construction quality standards, and quantity control for additional CIP improvement packages and delivery in 2019 and future years. This allowed the City of Waukegan to maximize its value for the capital improvement program.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

7 Years

#### EDUCATION

M.S. Construction Engineering and Management  
University of Illinois

B.S. Civil Engineering  
Purdue University  
Northwest, IN

#### LICENSES

Professional Engineer  
IL #062072892

#### CERTIFICATIONS/ CONTINUING EDUCATION

Illinois DOT Documentation of Contract Quantities, Illinois, United States, No. 22-20369  
Issued: 10/13/2022

IDOT Mixture Aggregate

IDOT Erosion and Sediment Control Mod. 1 & Mod. 3

OSHA 30-Hour Construction MOOD622

ACI, Concrete Field-Testing Tech. Grade 1, ID #01897404

ISTHA - E-Builder Certification, 2019

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
04/2018 – Present

**RR-18-4434; Illinois State Toll Highway Authority; Kane County/DuPage County, IL –**

- Contract RR-19-4474: Pavement and Structural Reconstruction and Rehabilitation at Reagan Memorial Tollway (I-88) MP 118.1 (Plaza 61) to MP 123.5 (IL Route 59) - Office/Field Engineer. This project included the rehabilitation of existing mainlines and ramps pavement; structure rehabilitation of the mainline of Eola Rd. Bridge and EJ&E Railroad Bridge; replacement of the existing bridges over the Illinois Prairie Path with new asphalt pavement and a three-sided cast-in-place Pedestrian Culvert; installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement patches; pavement asphalt overlay; pavement markings; milling and overlay shoulders; delineators and signage installation; maintenance of traffic; erosion and sediment control. The construction cost of this project was approximately \$33.2M.
- Contract 4451: Pavement and Structural Preservation and Rehabilitation at Reagan Memorial Tollway (I-88) MP 113.6 (IL Route 56) to MP 123.9 (IL Route 59) – Office/Field Engineer. This project included rehabilitation of existing mainline and ramp pavements; structure rehabilitation of Mainline Bridges – No. 811, 812, 802, 803, 807, 809, 819, 821; installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement markings, delineators, and signage installation; maintenance of traffic. IEI team provided on-site inspection, reviewed and approved submittals, processed RFI's, pushed the contract schedule, processed all documentation and pay applications, provided review of contract documents, and coordinated construction changes. The construction cost of this project was approximately \$8.1M.

**ADA Sidewalk Improvement at IL-136 (14th Ave); IDOT; Whiteside County, IL –** Civil Engineer responsible for designing ADA ramps and sidewalks along 14th Ave for improvement. A quantity and cost takeoff was performed for the project materials, including earth excavation, topsoil, portland cement concrete, detectable warnings tiles, curb and gutter removal and replacement, sidewalk removal, asphalt patches, utility adjustment, and pavement markings.

**Various ADA Ramp Locations Phase I; Illinois Department of Transportation (IDOT); Southern Cook County, IL –** Quantity take off and cost estimate for multiple intersection in different townships within the county. Civil Engineer responsible for reviewing the design of ADA ramps and sidewalks to calculate the required quantities and costs for remove and replace materials. Materials including earth excavation, topsoil, portland cement concrete, detectable warnings tiles, curb and gutter remove and replace, sidewalk removal, asphalt patches, utilities adjustment and pavement markings.

**Chicago Street, Widening and Reconstruction of R-34740; INDOT; Hammond, IN –** Inspector responsible for providing on-site construction inspection for the roadway widening and reconstruction for Chicago St. The construction cost for the project was \$8M where the construction limits start at Calumet St and end at White Oak Ave approximately 1 mile in length. The construction scope was to rebuild the street with a new underground water main, storm and sanitary sewer, new sidewalk, curb and gutter, and all needed utilities. Mr. Alsayed's responsibilities included assuring work was completed to the design plans and INDOT specifications; soil density testing; soil for structure backfill sampling, asphalt plate sampling; concrete slump testing, concrete air pressure testing; concrete yield testing; deflection testing using Light Wight Deflectometer (LWD); compaction testing using Dynamic Cone Penetrometer (DCP); grade review; spot elevation surveying; MOT inspection; daily pay item quantity logs; and contractor coordination.

**PN 7454, In house DWM PM- DVP and PN 7155, Private Contract DWM PM-CM; CDWM; Chicago, IL –** Civil Engineer responsible for on-site estimates, mainline sewers to be replaced, and evaluating the pavement condition, ramp condition, and curb and gutter condition at various locations.



# Farshad Rajeei

## Documentation Engineer

Mr. Rajeei has four years of experience in construction management, inspection, and documentation. His areas of focus include inspecting HMA and concrete works, including ADA curbs, ramps and sidewalks; curb and gutter and foundations for street lighting; and bus pad and traffic signals.

Mr. Rajeei has managed the completion of daily inspection reports and recording of work quantities completed by the prime contractor and subcontractors. His project experience also includes surveying concrete sidewalks, curbs, gutters, and asphalt alleys.

### EXPERIENCE

**IDOT 62H15 and 62H16 – Documentation Engineer. Interchange Reconstruction of I-55 from I-80 to US 52 and add Auxiliary Lanes on I-55, Bridge Rehab at US 52 and I-55** – Project Manager. The improvements under 62H15 are roadway reconstruction and widening of IL 59, Rock Run Crossings Drive and Seil Road as well as the complete reconfiguration of the existing traditional partial diamond interchange into a proposed full Diverging Diamond Interchange at I-55 and IL-59. Work includes but not limited to new ramps and pavement construction, approach slabs, retaining wall, Noise Abatement Walls, Bridge railing, fencing, Traffic signals, double box culvert, pipe culvert, jacked-in-place pipe, storm sewer, six stormwater detention ponds, shared-use path, roadway lighting, ITS and collateral work necessary to complete the project. 62H16 consists of bridge rehab, channelization and traffic signal modernization at US 52 (Jefferson St) and I-55 interchange and all the work associated.

**Contract 4753: Western Access Tollway (I-490) Bridge for Runway 9L Approach Lighting System with Sequence Flashing (ALSF) M.P 5.4 (Contract Amount ~ \$6.5M)** – Documentation Engineer. The scope of work consists of removing and construction light bars located along runway 9L. The work will include constructing the light bars onto proposed bridge No. 1685W and foundations, constructing duct banks, handholes, site work, removing and replacing the entire ALSF system electrical cables, Furnishing and installing new LIR Pole assemblies, Control System Modifications and other work associated with these items.

**Contract 4704: Western Access Tollway (I-490) Advance Earthwork, Drainage, and Retaining Wall Construction. Devon Ave to South of Touhy Ave. M.P 4.3 to M.P 5.6** – Documentation Engineer. Construction of a four-lane, grass-roots highway facility along the western side of O’Hare International Airport. Work included earth moving operations, retaining wall construction, ramp construction at the Touhy interchange, mainline pavement construction, installation of a new instrument landing system (ILS) bridge for the Runway 9L approach, and construction of a new Chicago Police Department canine (K-9) training facility for the northwest side of O’Hare Airport. The work is part of the Tollway’s Move Illinois capital program. IEI is working as a sub-consultant to Milhouse providing Documentation support and Field inspection coordination.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

4 Years

#### EDUCATION

**M.S. Civil Engineering**  
Illinois Institute of Technology  
Chicago, IL

**B.S. Civil Engineering**  
K.N. Toosi University  
Tehran, Iran

#### CERTIFICATIONS/ CONTINUING EDUCATION

Illinois DOT Documentation of Contract Quantities, Illinois, United States, No. 21-18161

#### IDOT

Mixture Aggregate Technician

HMA Level 1

PCC 1/ACI Course

IDOT Nuclear Density Tester Course

Erosion & Sediment Control Workshop Module 1: Fundamentals

Erosion & Sediment Control Workshop Module 1: Inspection Module

#### OSHA

10 Hour Construction Safety Serial #30490789

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
03/2020 – Present



**Contract RR-19-4474: Pavement and Structural Reconstruction and Rehabilitation at Reagan Memorial Tollway (I-88) MP 118.06 (Plaza 61) to MP 123.46 (IL Route 59) – Field Engineer.** This project includes rehabilitation of existing mainlines and ramps pavement; structure rehabilitation of Mainline Bridges – No. 811, 812, 802, 803, 807, 809, 819, 821; installation of guardrail; regrading and shaping ditches, sign truss repair, pipe cured-in-place lining; topsoil and seeding; pavement markings, delineators, and signage installation; maintenance of traffic. The construction cost of this project is approximately \$8.1 million. IEI and its team provided on-site inspection, review and approved submittals, process RFI's, pushed the contract schedule, processed all documentation, and pay applications, and provided review of contract documents and coordinate construction changes.

**CIC Surveys; Chicago Department of Transportation (CDOT); Chicago, IL –** Execute CS (Concrete Sidewalk), CC (Concrete Curb), AA (Alley Resurface), and AR (Alley Return) surveys and assist with reviewing and Quantity take-offs (QTO). Also layout work orders; performing QA/QC for ADA ramps, create field books and as-built plans for HMA (N-70), PCC works (5" & 8" Sidewalks, 10" Bus Pad, Base Course 7" & 9" and curb & gutters), Pavement Marking and Sign Installation; create punch list.

**North Cherry Avenue Railroad Removal and Resurface; Chicago Department of Transportation (CDOT); Chicago, IL –** As a Construction Inspector, duties included creating quantity estimate at the phase 1; monitoring and inspecting railroad removal and excavation stage; inspecting and measuring PCC base course 10" (HMA done by City In-House crew.). The construction limits start at W North Ave and end at N North Branch Street in Goose Island; approximately 0.7 miles in length.

**Reagan Memorial Tollway (I-88) Pavement and Structure Reconstruction and Rehabilitation; Illinois State Toll Highway Authority; Chicago, IL –** Assisted w/ daily activity reports (crew, equipment, activities done) and as-builts. Took measurements for pavement patching (Type I, II, III and IV) and assisted in documentation; Mile post 118.06 to mile post 123.46.

**Chicago Avenue Sidewalk Reconstruction; Chicago Department of Transportation (CDOT); Chicago, IL –** Inspector provided on-side construction inspection for the sidewalk and curb & gutter reconstruction for W Chicago Ave. the construction limits start at N Lamon Ave and end at N Austin Blvd approximately 1.4 miles in length. Construction scope was to rebuild damaged sidewalks, curb and gutters, and all needed utilities. Responsibilities included assuring work was completed to the design plans and IDOT specifications, concrete slump testing and concrete air pressure testing.



# Mohammed Mateen

## Senior Construction Inspector

Mr. Mateen brings over 30 years of diverse construction engineering experience that includes highway, bridge, local street, and underground utility projects. Mr. Mateen is highly knowledgeable of the standards and specifications for the Illinois State Toll Highway Authority, Illinois Department of Transportation (IDOT), the Chicago Department of Transportation (CDOT), the Chicago Transit Authority (CTA), the Metropolitan Water Reclamation District (MWRD) of Greater Chicago, and the Cook County Department of Transportation and Highways (CCDOH).

Mr. Mateen is a Senior Structural Inspector and has worked on many bridge construction projects throughout the Chicagoland area.

### EXPERIENCE

**Task Order #07 Systemwide Construction Management Services; Illinois State Toll Highway Authority Construction Upon Request (CUR 21-1); Various Counties, IL** – Senior Inspector. The \$14.4 million project has thus far involved task orders related to concrete pavement repairs on I-90 from Kishwaukee River to River Road; Pavement Repairs of I-294 from I-55 to Balmoral and systemwide; and Structural Rehabilitation of I-294, I-90 and Route 390 from Gary Ave. to Lively Blvd. IEI provided phase III engineering services as a subconsultant for pavement repairs and bridge expansion joint repair/replacements. This project is ongoing.

**Task Order # 01 Bridge Reconstruction at I-88 and Farnsworth Ave; Illinois State Toll Highway Authority Construction Upon Request (CUR 14-3); Aurora, IL** – Senior Inspector. The \$19 million Farnsworth Avenue Interchange Project, reconstructing the Farnsworth Avenue Bridge over the Reagan Memorial Tollway (I-88) in Aurora extended the life of the interchange, increase traffic capacity and provided safe and convenient travel for Tollway customers. More than 30,000 vehicles use this interchange daily. The project scope included the construction of a new bridge, ramp reconfiguration, installation of energy-efficient LED lighting and the addition of a bicycle and pedestrian path across the bridge. The project required coordination with multiple agencies including the Illinois Department of Transportation, the city of Aurora, Aurora Township, DuPage and Kane Counties, local fire and police departments, as well as Chicago Premium Outlets shopping area. IEI provided a senior construction inspector and oversight for the bridge and roadway scope as a sub-consultant to HOH Group. Work on the project was completed in 2017.

**Structural Repair of Pier at Pulaski Viaduct, North of I-55; Chicago Department of Transportation (CDOT); Chicago, IL** – Resident Engineer for structural repair for one of the Piers which includes installation of Mega-Shore Tower to support the beams, removal of loose and unsound concrete, place reinforcement bars lap with existing bars, form and place concrete.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

30+ Years

#### EDUCATION

##### B.S. Civil Engineering

Osmania University, India

#### CERTIFICATIONS/ CONTINUING EDUCATION

Illinois DOT Documentation of Contract Quantities, Illinois, United States, No. 20-18103

##### OSHA

30 Hour Construction Safety (Clicksafety) Issued 02-10-2021, Serial #31489444

##### IDOT

Erosion and Sediment Control Workshop Module III: Inspection Module

Erosion and Sediment Control Workshop Module I: Fundamental Module

Mixture Aggregate Technician Course

E-Builder Certification

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc. 2003 – Present



**Milling & Resurfacing on Jane Addams Memorial Tollway (I-90) MP 17 to MP 45; Illinois State Toll Highway Authority; IL** – Worked as lead field inspector for Roadway & Bridge rehabilitation to the Tollway construction project consists of 18-mile long two lane highway east & west bounds (most of the work performed during night hours). Responsibilities include construction inspection, layout, prepare construction daily progress reports on Proliance and set up daily traffic control protection. Project consists of patching mainline & shoulders (inside/outside), milling & resurfacing with HMA & SMA, remove & replacement of guardrail.

**EB Roadway and Bridge Reconstruction and Widening Mannheim Road to Kennedy Expressway (M.P. 76.6 to M.P. 78.9) Illinois State Toll Highway Authority** – Resident Inspector. Responsibilities included performing work inspection, maintaining accurate work progress records, submitting daily activity reports on E-builder, calculation of pay quantities and submitting DR's. Projects involved EB reconstruction of roadway and lane widening, existing pavement removal, earth excavation, prepping aggregate subgrade, WMA stabilized sub base, PCC jointed pavement (12" -13"), WMA shoulders, aggregate shoulders, temporary and permanent roadway lighting, temporary and permanent pavement markings, reconstruction of bridges, Mannheim-WCRR-Higgins, construction of piers, abutments, bridge approach slabs, bridge decks, reconstruction of median barrier wall, extension of retaining (MSE) wall, construction of noise abatement walls, construction of permanent and temporary drainage structures.

**Replacement of Triple Box Culvert (US RT 45); Illinois Department of Transportation (IDOT); Prairie Creek, Gilman, IL** – Senior Inspector. Managed the whole project from start to finish, which involved removal of the existing two-span bridge and the replacement with a triple box culvert (cast in place). Work performed included layout; shooting grades; construction inspection & documentation for bridge deck pavement removal/replacement; preparation of daily progress reports and IDRs; calculation of pay quantities.

**Grand Ave. Bridge Repair; Illinois Department of Transportation (IDOT); Waukegan, IL** – Worked as field engineer for IDOT bridge project that involved removal and replacement of bridge deck patches, full and partial along with expansion dams, structural repair, form concrete overlay placement. Performed sounding bridge deck, layout, inspection, daily inspection reports and calculation of pay quantities.

**Chicago Skyway, 67th Street to 95th Street; Chicago Department of Transportation (CDOT); Chicago, IL** – Lead Field Inspector for field operations, layout, construction, and payments for the removal and construction of a bridge deck, rehabilitation of five bridges and a new roadway with reversible lanes, construction, and underground utilities. Roadway responsibilities included earth excavation, sub base, PCC base course, bituminous concrete binder/surface course, landscaping, pavement markings, street lights and toll lights. Drainage responsibilities included installation of drainage structures, MH, CB, inlets, and 5,000 feet of storm sewer (12-36 inches). Structural responsibilities included the removal and reconstruction of a reinforced bridge deck with piers and five various bridges rehabilitations.

**Wacker Drive Reconstruction; Chicago Department of Transportation (CDOT); Chicago, IL** – Construction Inspector for the Upper and Lower Wacker Drive Reconstruction Project. Responsibilities included layout and inspection for removal & replacement of pre-stressed bridge decks, column foundations, grade beams, enclosed drainage system, water mains and utilidor duct bank. Work tasks involved documentation, preparation of daily reports and T&M work sheets.

**Milling & Resurfacing on Interstate Highway (I-57); Illinois Department of Transportation (IDOT); IL** – Worked as lead field engineer for IDOT multiple projects which consisted of 5-miles of patching, milling and resurfacing on Interstate I-57 including resurfacing interchange ramps, patching (partial deck repairs) at overhead structures, slope wall repairs, drainage, landscaping, earth excavation and traffic control protection. Work performed layout, construction inspection & documentation, calculate pay quantities and prepare IDRs.

**Wisconsin State Line to IL Route 173 Intersection Reconstruction, (F.A.P. Route 880, IL Route 131, Section 31 N-5); Illinois Department of Transportation, District 1; Lake County, IL** – Resident Engineer for the reconstruction and widening of Russel Road and IL Route 131 intersection and resurfacing of sections of Russel Road and IL Route 131. The project includes total pavement replacement at the intersections and milling and resurfacing of the leg section; drainage improvements, and the installation of new traffic signals with loop detectors.



**EDUCATION**

Master of Science, Road Management and Engineering with Distinction  
University of Birmingham, United Kingdom, 2020

Bachelor of Science, Civil Engineering  
University of Minnesota-Twin Cities, 2014

**PROFESSIONAL REGISTRATIONS**

Professional Engineer: Illinois # 06.2070742

**ADDITIONAL CERTIFICATION/TRAINING**

OSHA 30-Hour Construction Safety & Health Documentation of Contract Quantities #21-18397 Construction and Materials Management Systems (CMMS)  
ACI Concrete Field-Testing Technician Grade I Concrete Structures  
Concrete Superstructures  
Erosion and Sediment Control Module I and III  
Earth Excavation and Embankment Inspection  
Portland Cement Concrete Level I & II  
Small Drainage Structures  
ADA Public Right-of-Way  
MicroStation  
Experience with HDM-4 (Highway Development and Management Model)  
Proficient in Microsoft Excel, Microsoft PowerPoint and Microsoft Word  
Soil Field Testing and Inspection  
Work Zone Safety & Traffic Control  
Highway Safety Barrier Installation, Inspection, and maintenance

**PROFESSIONAL AFFILIATIONS**

ACEC-IL City of Chicago Agencies Committee  
Conference of Minority Transportation Officials (COMTO Chicago)  
Women's Transportation Seminar (WTS Official)  
American Council of Engineering Companies (ACEC Illinois)  
Illinois Association of Highway Engineers  
National Society of Black Engineers

**INDUSTRY TENURE**

10 Years

**EXPERIENCE OVERVIEW**

Ms. Bonglack is a licensed professional Engineer with experience in a wide range of transportation planning, design, and construction management. As a project manager for TransLand, she has held various positions which include Resident Engineer, Assistant RE, Document Technician and Construction Inspector on Tollway projects. Prior to joining TransLand, she was a CE III with IDOT-District 1. She was responsible for administering state and federally funded highway improvements contracts. Her areas of excellence include serving as a resident engineer on CM contracts, managing numerous construction projects, coordinating with clients, and training and mentoring junior staff. Most of her projects included underground utilities including but not limited to water main installation, sanitary sewer repair/installation and storm sewer repair/installation.

**SELECT PROJECT/EMPLOYMENT EXPERIENCE**

**Illinois State Toll Highway Authority I-21-4838 Tri-State Tollway (I-294) Landscape Planting Improvements (BNSF) MP 26.5 to MP 26.8 | Resident Engineer**

The work under this contract includes installation of trees and mulch, plant care of installed trees during the period of establishment, seeding, erosion control, Landscape restoration and maintenance of traffic.

Patience responsibilities include daily inspection and daily activity reports (DAR), Resident Engineer Daily Entries (REDD), tracking extra work for payment, completing authorizations, change orders and extra work orders on eBuilder, traffic control and protection, lead weekly progress meetings, run pay estimates, processing all request made by the contractor and all processes associated with project closeout.

**Illinois State Toll Highway Authority I-21-4838 Tri-State Tollway (I-294) Landscape Planting Improvements (BNSF) MP 26.5 to MP 26.8 | Assistant Resident Engineer**

This construction contract award provides for the fabrication of ITS devices and fiber materials that will be installed on the Tri-State Tollway (I-294) from St. Charles Road to Wolf Road. The work includes the fabrication, shipping, and storage of electric and fiber optic cable, light poles, ITS disconnect switches, miscellaneous work

Patience responsibilities include inspecting material testing and inspection, Resident Engineer Daily Entries (REDD), lead weekly progress meetings, run pay estimates, processing all request made by the contractor and all processes associated with project closeout.



**TransLand Engineering Group: Illinois State Toll Highway Authority Tri-State (I-294) Roadway and Bridge Reconstruction NB I-294/I-290/I-88 Interchange Roosevelt Road to St. Charles Road | Construction Inspector**

The scope of work under this ongoing contract consist of pavement removal, pavement widening, bridge rehabilitation and construction, bridge removal, retaining wall repairs and construction, noise abatement wall construction, noise abatement wall removal, mechanically stabilized earth retaining wall removal, concrete retaining wall removal, utility protection for 72" and 90" watermain, drainage and utility improvements, Intelligent Transportation System (ITS) infrastructure, temporary and permanent lighting systems, erosion control measures and landscaping improvements, signing, maintenance of traffic operations, and other miscellaneous work.

Patience responsibilities on this project include daily inspection of removal and installation of drainage systems (storm sewers, pipe underdrains, catch basins, manholes) and tracking for payment, earth excavation, erosion and sediment control, removal and disposal of unsuitable materials, ground stabilization, traffic control and protection and completing daily project documentation in eBuilder.

**Previous Employers**

**Consulting Firm: Bridge Bundle Project, Michigan Department of Transportation, Assistant Resident Engineer**

Patience served as the assistant resident Engineer on a Bridge Bundle Project for Michigan Department of Transportation. The goal of the project was to reduce the number of closed, serious or critical bridges in the state. The project required project management, construction engineering and inspection, fabrication inspection, material testing and construction staking services. As assistant resident Engineer, she served as owner's representative for inspection and contract administration during construction projects. Managed the consultant contract including responsibility for accounts receivable, subconsultant management, and client management interface. Verified and ensured construction activities were performed in compliance with contract documentation which included reviewing programs for conformance with clients and/or contract standards as well as relayed review claims, change orders, request for time extensions to client.

**Illinois Department of Transportation, District 1, Senior Construction Inspector Engineer CE III**

**IDOT Contract #62H45 IL 58 (Route 377) from IL 43 to West of US 41 – Assistant Resident Engineer**

This 2.5-mile resurfacing improvement and pedestrian ramp project from IL Route 58 (Dempster Street) to the Village of Morton Grove and Skokie included drainage improvements to the storm sewers, curb and gutter removal and replacement, hot-mix asphalt removal, pavement patching, resurfacing with hot-mix asphalt level binder and surface course, placement of thermoplastic pavement markings, curb and gutter removal and replacement, maintenance of traffic, and ADA ramp improvement.

**IDOT Contract #60X41 Harts Road at North Branch Chicago River – Construction Inspector**

This project included bridge structure replacement in the Village of Niles at Harts Road and extended east to the west of Harts Road and North Riverside Drive for 0.07 miles. Work inspected under this contract consisted of earth and channel excavation, trench backfill, storm sewer removal and replacement, drainage improvements, non special waste disposal, bridge superstructure removal and replacement, substructure repair, removal and replacement of existing sidewalk, and replacement of existing guardrails, maintenance of traffic, catch basins, and outfall. The river channel and riverbanks in the vicinity of the bridge were stabilized with stone slope mattress and the roadway and bridge was striped to accommodate one 11-foot through lane, one 5-foot sidewalk and one 3-foot shoulder in each direction.



## VIJAYKUMAR PATEL

### QA Technician/Inspector

Vijay is a Materials Quality Technician for INTERRA and has more than 16 years of experience in the construction engineering field. He has worked as an inspector and technician on IDOT, Illinois Tollway, Public Building Commission, MWRDGC, municipalities, and on many other distinct projects. His experience involves field and plant testing, inspection of asphalt, concrete, aggregate, and soil.

### Relevant Project Experience

#### VILLAGE OF BURR RIDGE, VARIOUS PROJECTS

INTERRA, Inc. has provided Quality Assurance Services for the Village of Burr Ridge for more than 20 years. The work has involved Quality Assurance involving concrete and hot mix asphalt (HMA). INTERRA's role includes on-site material testing and material Quality Assurance services on various Burr Ridge projects. He has provided testing and inspection for asphalt, soil, and concrete in the field. For concrete the testing includes slump, air content, temperature, and casting cylinder specimens which were transported to the INTERRA laboratory. He has performed testing and inspection for concrete pour for curbs. For asphalt and soil, samples are being collected and transported for testing at the INTERRA laboratory.

#### COOK COUNTY 2038-185068: PAVEMENT MAINTENANCE SOUTH: MAY 2023-PRESENT

For this Cook County project spanning the western and southern suburbs, INTERRA is providing testing and inspection services. The total construction cost for this project is \$17.4M. Vijay is performing soils, concrete and hot-mix-asphalt testing in the field. He is providing Longitudinal Joint Sealant (LJS) testing and tack coat testing during the paving operations. Vijay is responsible for all the HMA QA for the various mixes under the Local Roads HMA specification (LR 1030-2) for the 5 different streets at various locations. INTERRA is responsible for creating the mix sampling and field QA core random test locations and implementing the random tests on mix samples and field densities and cores. All the samples are tested at the INTERRA laboratory located in Bolingbrook and results are uploaded into the Cook County Materials System and IDOT's QMP package within 48 hours of testing. Comparisons are made with the QC results and any tests outside of the acceptable limits and any non-comparisons are reported to our client immediately.

### CERTIFICATIONS AND TRAINING

- ACI LEVEL I FIELD TECHNICIAN
- ACI LAB STRENGTH TESTING
- U.S. DOT HAZMAT
- PCC I/DOT/ACI COURSE
- PCI LEVEL 1 AND II FIELD TECHNICIAN
- IDOT DOCUMENTATION (20-16306)
- IDOT GEOTECHNICAL S-33
- IDOT 3-DAY MIX AGGREGATE
- IDOT 5-DAY MIX AGGREGATE
- IDOT HMA I, II, III
- IDOT PCC I, II
- IDOT BITUMINOUS CONCRETE DENSITY TESTER
- BNSF SAFETY
- HIGH STRENGTH BOLTING OF STEEL STRUCTURES
- ICBO CERTIFIED
- RADIATION SAFETY TRAINING
- CANADIAN NATIONAL SAFETY
- GLOBALLY HARMONIZED SYSTEM
- FIREPROOFING SPECIAL INSPECTOR (ICC)
- SOIL SPECIAL INSPECTOR (ICC)
- REINFORCED CONCRETE SPECIAL INSPECTOR (ICC)
- SPRAY- APPLIED FIREPROOFING SPECIAL INSPECTOR (ICC)
- OSHA 10-HOUR CONSTRUCTION SAFETY AND HEALTH
- ERAILSAFE SYSTEM BADGE
- CANADIAN NATIONAL SAFETY

### SPECIALIZED SKILLS

- HIGH PERFORMANCE CONCRETE (HPC)
- LATEX CONCRETE
- FLOOR FLATNESS
- HMA PLANT INSPECTION

**YEARS OF EXPERIENCE** 21



**DUPAGE COUNTY: PAVEMENT MAINTENANCE NORTH**

Vijay is currently performing Quality Assurance services as part of the DuPage County Pavement Maintenance North Project. He is providing testing and inspection for asphalt, soil, and concrete in the field. For concrete the testing includes slump, air content, temperature, and casting cylinder specimens which were transported to the INTERRA laboratory. He is performing testing and inspection for concrete pour for curbs. For asphalt and soil, samples are being collected and transported for testing at the INTERRA laboratory.

**DUPAGE COUNTY: PAVEMENT MAINTENANCE SOUTH**

For this DuPage County Pavement Maintenance South project, Vijay performed material testing and material inspection services on both asphalt and concrete in the field. For asphalt he verified the density and temperature results. For concrete he ensured the slump, temperature, and air content met the project requirements. He also made cylinder specimens for compressive strength testing. The cylinders were then transported to the INTERRA laboratory.

**IDOT, 6IH48: EAST NEW YORK STREET:**

For this IDOT project which took place in the City of Aurora the work included resurfacing, new curbs and gutters, along with sidewalk replacement. The project location was from Ohio Street to Farnsworth Avenue on East New York Street. Both testing and inspection were conducted for asphalt and concrete. Vijay covered both binder and surface asphalt. Also, the Local Roads HMA specification (LR 1030.2) was followed on this project and Vijay was responsible for implementing the random tests on mix samples and field densities and cores. He also made cylinders which were transported to the INTERRA laboratory.

**IDOT, 60R06: US ROUTE 34 AT THE CANADIAN NATIONAL (CN) RAILROAD BRIDGE CONSTRUCTION:**

These 27,000,000 projects is in the City of Aurora, 1.5 miles west of Illinois Route 59, where Ogden Avenue crosses the EJ&E/CN Railroad. Duties included testing floor flatness using his Dipstick Training. Vijay was also responsible for plant and field testing and inspection of both asphalt and concrete. For concrete he verified the testing results for slump, temperature, air content, and cast cylinder specimens which were transported to the INTERRA laboratory. Concrete work included curbs, gutters, and noise walls. For soil, the services included compaction testing and Dynamic Cone Penetrometer (DCP) testing to determine the strength of the soil.

**IDOT, 61G74: VETERANS TRAIL SPRING CREEK TO 159<sup>TH</sup>:**

Work on this current IDOT project consists of the construction of an asphalt trail which includes pedestrian tunnels, retaining walls, box culverts, storm sewers, sidewalks, curbs, gutters, fencing, and pavement markings. This project takes place in the City of Lockport in Will County. Vijay is conducting soil testing and inspection services. He is verifying the soil bearing capacity for the foundation. Dynamic Cone Penetrometer (DCP) testing is being conducted to verify the stability of the soil. Cuts are also being performed. Vijay is also performing field asphalt density testing.

**IDOT, 62D36: US ROUTE 20 AT WEST UNION ROAD:**

Work on this current project includes the construction of a turnabout in addition to pavement widening and reconstruction and new sidewalk, curbs, and gutters. This IDOT project takes place at US Route 20 at West Union Road. INTERRA conducts Quality Assurance services on soil, concrete, and asphalt. For soil, Vijay is completing compaction services as well as density and moisture tests. The Dynamic Cone Penetrometer (DCP) test is being completed on the subgrade. For asphalt, grinding compaction test verification is being performed. Vijay also cast cylinder specimens which were transported to the INTERRA laboratory.



## ARUN TAILOR

### Materials Coordinator

Arun Tailor joined INTERRA with an extensive list of credentials and experience in the construction engineering field. He has more than 20 years of experience working as a Construction Material Manager, Laboratory Manager, Geotechnical Project Manager, Material Coordinator, and Field Engineer. Arun has successfully managed and supervised numerous IDOT, CDOT, ISTHA, airport, county, CTA, Metra, and various private residential, commercial, and industrial projects. He is knowledgeable and experienced with field and laboratory testing with soil, aggregate, concrete, asphalt, structural steel reinforcement, welding, bolting, among many others. He is experienced with IDOT, ISTHA, CDOT guidelines, standards, and specifications. He is proficient with field level work to management, providing the basis of understanding of all aspects of a construction project and the importance of quality control and material testing as well as the importance of providing effective solutions for the client.

Arun has covered QC/QA construction inspection, material testing projects including coordinating with clients, scheduling, and the supervision of field technicians. He has resolved project issues as they occur during the construction, reviewed, and submitted daily field activity reports, laboratory results, future scheduling, and established client relationships. In addition, he has maintained the records of more than 20+ Nuclear gauge calibrations, maintenance, leak tests, annual refresher training, HAZMAT training, Radiation exposure results, IEMA audit, License, and amendments.

#### Relevant Project Experience

##### **COOK COUNTY PAVEMENT REHABILITATION PROGRAM SOUTH CORRIDORS: MAY 2023 -PRESENT**

INTERRA is providing testing and inspection services for this cook county project. The total construction cost for this project is \$17.4M. Arun is the Project Engineer/Materials Coordinator on this project and is responsible for QA Materials Technicians scheduling, attending materials and other meetings related to material deficiencies and resolving field and laboratory issues that arise. He is responsible to review and comment on Quality Control plans and

#### EDUCATION

SOUTH GUJARAT UNIVERSITY  
B.S.E. CIVIL ENGINEERING (2001)

GUJARAT STATE GHANDINAGAR,  
A.S. CIVIL ENGINEERING (1994)

#### CERTIFICATIONS AND TRAINING

- ACI LEVEL I CONCRETE LAB TESTING
- ACI LEVEL I CONCRETE FIELD TESTING
- ACI LEVEL I CONCRETE STRENGTH TESTING
- ACI LEVEL I AGGREGATE TESTING
- ACI LAB STRENGTH TESTING
- IDOT DOCUMENTATION (24-21687)
- IDOT GEOTECHNICAL S-33
- IDOT CONSTRUCTION MATERIALS INSPECTION DOCUMENTATION
- IDOT BITUMINOUS CONCRETE DENSITY TESTER
- IDOT GEOTECHNICAL FIELD TESTING & INSPECTION
- IDOT 3-DAY MIX AGGREGATE
- IDOT BRIDGE CONSTRUCTION INSPECTOR
- IDOT HMA I, II, III
- IDOT PCC I, II, III
- LANDAUER RADIATION SAFETY
- ICC MASTER OF SPECIAL INSPECTION
- ICC SPRAY-APPLIED FIREPROOFING SPECIAL INSPECTOR
- ICC PRESTRESSED CONCRETE SPECIAL INSPECTOR
- ICC STRUCTURAL WELDING SPECIAL INSPECTOR
- ICC STRUCTURAL STEEL & BOLTING SPECIAL INSPECTOR
- ICC STRUCTURAL MASONRY SPECIAL

**YEARS OF EXPERIENCE** 20



all QC & QA reports submitted on the CCHD website. Responsibilities include tracking and reviewing material inspection documentation and performing the QC-QA comparisons on all the PCC & HMA inspections. He communicates with the Resident Engineer and follows-up on any deficient materials placed with the contractor to ensure that correction actions have been implemented to correct any failing tests.

**IDOT, 61B94: CEDAR ROAD OVER SPRING CREEK:**

For this IDOT project the work included replacing the bridge carrying Cedar Road over Spring Creek approximately 1.1 miles north of US 6. Arun conducted Material Coordination duties which included tracking and reviewing material inspection documentation and being proactive in acquiring the proper evidence of inspection. He also reviewed QC plans for concrete, asphalt, aggregate, and for soil. Arun ensured that testing procedures were adhered to according to plans and specifications at the plant and project site. He also managed and coordinated staff and made sure that all reports were completed.

**FOREST PRESERVE DISTRICT OF COOK COUNTY: VILLA SANTA MARIA CONVENT:**

For this Forest Preserve District of Cook County project INTERRA performed geotechnical investigation to aid in the design of improvements for the pavement. Arun monitored the single ring infiltration testing and the drilling that took place. He also completed Daily Observation Reports.

**ILLINOIS TOLLWAY, RR-19-4480: GEOTECHNICAL SERVICES UPON REQUEST:**

INTERRA performed Geotechnical Services Upon Request for the entire Illinois Tollway system, a project which began in 2020. Geotechnical work involved managing subconsultants, ensuring the accuracy of the data and the timely completion of services, planning, and coordinating geotechnical and environmental soil borings, providing evaluation of stockpile materials for geotechnical and environmental suitability for the Illinois Tollway, IDOT, and UPRR specifications. Arun provided services for Task 9 which consisted of Dynamic Cone Penetrometer (DCP) testing and single ring infiltration testing.

**CERTIFICATIONS AND TRAINING (CONTINUED)**

- ICC SOILS SPECIAL INSPECTOR
- ICC REINFORCED CONCRETE SPECIAL INSPECTOR
- PCC I/IDOT/ACI COURSE
- PTI LEVEL I UNBONDED PT – FIELD INSTALLATION #01008202
- NICET CONSTRUCTION MATERIALS TESTING CONCRETE LEVEL I #126319
- NICET CONSTRUCTION MATERIALS TESTING SOILS LEVEL I & II #126319
- NICET CONSTRUCTION MATERIALS TESTING ASPHALT LEVEL I #126319
- CDA CARE FAR 139.303 TRAINING
- CONTRACTOR FAR PART 139
- AIRPORT 2021 REFRESHER SIGNATORY
- AIA PHASE I ESA - RECS
- AIA COLD WEATHER CONCRETE
- AIA GEOTECHNICAL DESIGN OF SAFE WORKING PLATFORMS
- ATL CORROSION OF EMBEDDED STEEL IN HARDENED CONCRETE
- ATL CONCRETE MATURITY IN COLD WEATHER
- ASCE INNOVATIVE GEOTECHNOLOGIES
- DFI S3: SLOPE SUPPORT STABILIZATION
- NRMCA PERVIOUS CONCRETE TECHNICIAN
- AWS - AWS QC1 STANDARD
- ACCP LEVEL II
- OSHA 10-HOUR
- NIIT COMPUTERDROME – 26 HOURS
- NIIT WEB-CENTRIC COMPUTING

**SPECIALIZED SKILLS**

- CONSTRUCTION LAB MANAGER
- QA/QC MANAGER
- FIELD CONSTRUCTION MANAGEMENT
- FIELD QUALITY MANAGEMENT
- GEOTECHNICAL ENGINEERING



## Randy Maamari, EIT Project Engineer

Randy Maamari, EIT is our Civil Engineer/Field Engineer with experience in Phase I, II, and III engineering projects utilizing MicroStation and AutoCAD. His experience includes erosion control, drainage design, hydraulic modeling design of stormwater, roadway design, construction inspection, and contract administration. He assists in site planning and design, engineering calculations, construction permitting preparation, preliminary construction cost estimates, and construction management.

### REGISTRATIONS:

Engineer-in-Training (EIT):  
Illinois #061-040946

### EDUCATION:

Bachelor of Science  
Civil Engineering  
University of Illinois at Urbana-  
Champaign (2020)

### CERTIFICATIONS:

ACI Concrete Field-Testing  
Technician - Grade I #01873002  
IDOT STTP-S33 Soils Field  
Testing and Inspection #5080948  
IDOT PCC Level II  
IDOT Mixture Aggregate  
Technician  
IDOT HMA Level II  
IDOT Nuclear Density Tester  
IDOT Documentation of Contract  
Quantities, 20-16727  
Erosion and Sediment Control  
Module I  
Erosion and Sediment Control  
Module III  
Designated Erosion Control  
Inspector, Lake County  
OSHA 10-Hour Construction

### EXPERTISE:

e-Builder  
ICORS  
CMMS  
MicroStation  
AutoCAD  
Microsoft Office Suite  
Creo Parametric 3D Modeling  
Software  
SAP 2000  
Languages: C++, R code

### AFFILIATIONS:

American Society of Civil  
Engineers (ASCE)

### PROJECT EXPERIENCE:

**Illinois Tollway, Project No. RR-22-9244 Weigh-In-Motion Installation I-88 - Reagan Memorial Tollway at Milepost 115.4 and Milepost 120.3 in DuPage County and Kane County, Illinois:** Project Engineer supported the installation of the WIM Systems on I-88 EB at MP. 115.4 and I-88 WB at MP. 120.3. The scope included the installation of WIM device poles (with IP cameras and over height transmitters) and foundations (ground and median mounted), installation of WIM precast panels, installation of VWIM cabinet and associated sensors/loops, tying into an existing transformer power source for power connectivity, installation of frame-mounted disconnect switches, installation of new conduit, power cables, junction boxes, and electric handholes, pavement patching, maintenance of traffic, and site restoration. Responsibilities included maintaining project documentation utilizing e-Builder, construction inspection, weekly progress meetings, submittal of pay estimates and change orders, submittal review, RFI review, material coordination, daily activity reports, weekly reports, traffic control reports, and coordination with stakeholders.

**Illinois Tollway, Project No. RR-21-4589 Weigh-In-Motion Replacement I-94 - Tri-State Tollway at Milepost 3.1 in Lake County, Illinois:** Project Engineer supported the replacement of the WIM System on I-94 EB at MP. 3.1. The scope included the removal of the existing WIM System, installation of new WIM device poles (with IP cameras and over height transmitters) and foundations (ground and median mounted), installation of WIM precast panels, installation of new VWIM cabinet and associated sensors/loops, tying into an existing transformer power source for power connectivity, installation of new frame-mounted disconnect switches, installation of new conduit, power cables, junction boxes, and electric handholes, pavement patching, maintenance of traffic, and site restoration. Responsibilities included maintaining project documentation utilizing e-Builder, construction inspection, weekly progress meetings, submittal of pay estimates and change orders, submittal review, daily activity reports, weekly reports, traffic control reports, and coordination with stakeholders.

**Illinois Tollway, Project No. RR-21-4583R Weigh-In-Motion Replacement I-355 - Veterans Memorial Tollway at Milepost 2.2 in Will County, Illinois:** Project Engineer supported the replacement of the WIM System on I-355 NB at MP. 2.2. The scope included the removal of the existing WIM System, installation of new WIM device poles (with IP cameras and over height transmitters) and foundations (ground and median mounted), installation of WIM precast panels, installation of new VWIM cabinet and associated sensors/loops, tying into an existing transformer power source for power connectivity, installation of new frame-mounted disconnect switches, installation of new conduit, power cables, junction boxes, and electric handholes, pavement patching, maintenance of traffic, and site restoration. Responsibilities included maintaining project documentation utilizing e-Builder, construction inspection, weekly progress meetings, submittal of pay estimates and change orders, daily activity reports, weekly reports, traffic control reports, coordination with stakeholders, WIM Testing, and project closeout.



Randy Maamari, EIT  
Project Engineer

**IDOT PTB 203-19 / C-91-223-22 Standard Overlay. ADA Improvements at Des Plaines Avenue from Madison Street to Roosevelt Road in Cook County, Illinois:** Project Engineer supported the roadway and ADA improvements project on Des Plaines Ave from Madison Street to Roosevelt Road. The scope included removing and replacing sidewalk, curb & gutter, PCC driveway pavement, ADA improvements, HMA patching, HMA surface removal, structure adjustments, temporary pavement markings, conduit installation, and concrete foundations for pedestrian signal posts. Responsibilities included construction inspection, daily and weekly reports, traffic control reports, and stakeholder coordination.

**Waste Management Route 83 Improvements, Grayslake, Illinois:** Project Engineer supporting roadway improvements on IL-83 north of Peterson Road in Grayslake. The scope included the removal of existing pavement, subgrade undercuts, turn lane improvements, curb & gutter, PCC driveway pavement, HMA paving with binder and surface course, pavement markings, and landscaping. Responsibilities included construction inspection, daily and weekly reports, traffic control reports, project documentation, material submittal review, tracking and review of extra work submittals, progress meetings, and project closeout.

**IDOT, PTB 203-19 / C-91-015-17 Pulaski Road at Ford City Drive Bridge Removal/Roadway Improvements, Cook County, Illinois:** Project Engineer supported bridge removal and roadway improvements project on Pulaski Rd from 76<sup>th</sup> Street to 77<sup>th</sup> Street and Ford City Drive in the City of Chicago. The scope included removing and replacing the sidewalk, curb, gutter, milling, HMA pavement patching, detector loop installation, structure adjustments, HMA paving with leveling binder and surface course, pavement markings, and landscaping. Performed construction inspection, provided daily reports to IDOT representatives, coordinated with stakeholders, and prepared project documentation.

**DuPage County, 22-PVMKG-10-GM Pavement Marking Maintenance Project, Various County Routes, Illinois:** Project Engineer supported the installation of pavement markings and project closeout. Scope included removing existing pavement markings and installing thermoplastic, urethane, and spray thermoplastic pavement markings. Conducted stakeholder coordination and construction inspection. Provided daily and weekly reports to county representatives, project documentation, preparation, and submittal of pay estimates and change orders, and project closeout.

**DuPage County, Intersection improvements at C.H. 4 Bloomingdale Road and C.H. Geneva Road Project, Illinois:** Project Engineer was responsible for the completion of traffic signal improvements, punch-list work, and project closeout. Work included traffic signal foundation placement and installation, controller cabinet installation, mast arm and post assembly and installation, video detection, and emergency pre-emption installation. Responsibilities included construction observation, daily reports, weekly reports, quantity documentation, resolving design issues, and project closeout.

**Village of Northbrook, Master Stormwater Plan Improvement Projects, MSMP Project #26 – Cedar Court, Floral Drive, Holly Court, Landwehr Road & Sunset Trail, Illinois:** Project Engineer was responsible for the construction of a storm sewer project for the Village of Northbrook. Work included the removal of existing storm sewers, installation of new storm sewers and structures located in the parkway and under pavement, paved ditch installation, pavement patching and resurfacing, and surface restoration. Responsibilities included contract review, permit coordination, approving material submittals, weekly progress meetings, stakeholder coordination, construction observation, coordinating subcontractors, tracking and review of extra work submittals, resolving design conflicts with existing utilities, reviewing quantities with the contractors, preparation, and submittal of pay estimates and change orders, daily and weekly reports to village representatives, ICORS documentation, and project closeout.

**Village of Northbrook, Master Stormwater Plan Improvement Projects, MSMP Project #29 – First Street & Center Avenue, Illinois:** Project Engineer was responsible for the construction of a storm sewer/water main project for the Village of Northbrook. Work included removing existing storm sewers, installing new storm sewers and structures located in the parkway and under pavement, water main installation by directional boring, water service replacements, pavement patching and resurfacing, and surface restoration. Responsibilities included contract review, permit coordination, approving material submittals, weekly progress meetings, stakeholder coordination, construction observation, coordinating subcontractors, water main testing and disinfection, tracking and reviewing extra work submittals, resolving design conflicts with existing utilities, reviewing quantities with the contractors, preparation, and submittal of pay estimates and change orders, daily and weekly reports to village representatives, and project closeout.

**Illinois Tollway, RR-18-4382 Stearns School Road Bridge Reconstruction Over I-94, Illinois:** Field Engineer was responsible for construction observation, weekly progress meetings, submittal review, pay estimate review, and preparation, and maintaining documentation utilizing e-Builder.

**Jyotish “Jay” Pathak, PE**  
**Construction Inspector**

*Jay has more than 25 years of experience in construction engineering. He has significant experience working on mega roadway, highway, bridge, sewer and water main, water line, landscaping, utilities, high rise and residential buildings, and commercial building projects for the Cook County Department of Transportation and Highways, Chicago Department of Water Management, Chicago Department of Transportation, and Illinois Department of Transportation.*

**Various Various Bridge Rehabilitation, CDOT**

Jay served as Senior Construction Engineer on this project that included the reconstruction of 31st, 39th, and 43<sup>rd</sup> Street bridges over I-90/I-94. Work on these projects included the removal and reconstruction of the bridge super structures, piers and abutment work, replacement of existing steel bearings to elastomeric expansion bearing assemblies, reconstruction of bridge approach pavements and roadways including curb and gutters, utilities and lighting work, and traffic signalization improvements. This work was done while also coordinating with CTA, IDOT, CDOT, and east 95th Street at South Chicago Avenue. These projects involved the reconstruction of east 95th Street at South Chicago Avenue with inclusion of pavement and other storm sewer and electrical work.

**US 12 (LaGrange Road) over Santa Fe Drive, S&S Canal, IM Canal & ICG Railroad, IDOT**

Jay is serving as Construction Engineer on this project providing construction inspections services for the improvement of US 12 (LaGrange Road) over Santa Fe Drive, S&S Canal, IM Canal and the CN/ICG Railroad. This project includes removing and replacing the existing bridge decks with a new PCC deck. The bridge will be widened to be 43'-6" out to out which will provide three 11' wide lanes with 3'-8' wide inside and outside shoulders. The existing lighting system on both northbound bridges will be replaced and upgraded to LED luminaires. The southbound bridges will have the existing lighting retrofit with LED luminaires and concrete on the piers will be repaired and the steel girders painted.

**Jane Byrne Interchange, Northbound I-90/94**  
**Reconstruction, Chicago, IL****Registration**

Professional Engineer, Illinois, #062-064485

**Education**

B.S. in Civil Engineering, Gujarat University, India, 1976

**Certifications**

- ▶ IDOT Documentation of Contract Quantities, #22-20399
- ▶ IDOT STTP-S 33 field testing inspection
- ▶ IDOT Bituminous Concrete Level 1 & 2
- ▶ IDOT PCC Level I & II
- ▶ IDOT Mixture Aggregate
- ▶ IDOT Bridge Construction Inspection
- ▶ IDOT Survey I & II, III
- ▶ IDOT Highway Engineering Principles
- ▶ IDOT Trenching and Shoring Safety
- ▶ IDOT Reclaimed Asphalt Pavement

**Training**

- ▶ Construction Scheduling
- ▶ Intermediate AutoCAD
- ▶ OSHA (10 hours)

**Years of Experience**

25



Jay is currently serving as Construction Engineer on this \$55 million project, located along I-90/94 from south of Roosevelt Road to south of Grand Avenue, spans nearly two miles. Work consists of the reconstruction of 0.75 miles of the northbound Dan Ryan Expressway, reconstruction of 0.75 miles of the northbound Kennedy Expressway, and resurfacing of 0.5 miles of the northbound Kennedy Expressway. Additional work includes construction of a new northbound I-90/94 collector-distributor (C-D) road from Harrison Street to Lake Street and construction of the mainline tie-ins of ramps from both eastbound and westbound Eisenhower Expressway (I-290). Partial reconstruction includes the northbound I-90/94 ramps, Roosevelt Road entrance ramp, Taylor Street entrance ramp, Jackson Boulevard entrance ramp, Madison Street exit ramp, Washington Boulevard exit ramp, Randolph Street exit ramp, and Lake Street exit ramp. Also, part of this project is the construction of five retaining walls as well as modifications to six existing walls. Mainline expressway reconstruction includes the installation of 12" of aggregate subgrade improvement, 4" HMA stabilized sub-base and 12.5" of continuously reinforced concrete pavement. Other work includes erosion control and protection, utility relocations, special waste excavation, earth excavation and embankment, storm sewers, pavements, pavement marking and signage, roadway lighting, Intelligent Transportation Systems (ITS), traffic control and protection, urban enhancements, and all incidental and collateral work necessary to complete the project.

**I-90/94 at I-290/Ida B. Wells Drive (Jane Byrne Interchange) Miscellaneous Interchange Ramps at Various Locations, Chicago, IL**

Jay served as Construction Engineer on this \$66 million Jane Byrne Interchange Reconstruction project. This project included six separate construction contracts including storm sewer work that included 230 feet of 78" storm sewer, 270 feet of 42" storm sewer, 270 feet of 36" storm sewer, 220 feet of 30" storm sewer, 1,350 feet of 24" storm sewer, 250 feet of 21" storm sewer, 2,480 feet of 18" storm sewer, 6,250 feet of 15" storm sewer, and 15,900 feet of 12" storm sewer. The first contract was \$56 million reconstruction and realignment of the NW Flyover bridge, the second \$8 million reconstruction and realignment of the Ramp NE bridge, the third \$66 million reconstruction and realignment of the Ramp SE, Ramp WS, Ramp WN, and SB Taylor Bypass bridges, the fourth \$22 million reconstruction of the EB I-290 bridge over I-90/94, the fifth \$10 million reconstruction of the WB I-290 mainline pavement from I-90/94 to Racine, and lastly the \$55 million reconstruction of the NB I-90/94 mainline from Roosevelt Road to Lake Street. Water main work included 270 feet of 16" water main, 80 feet of 30" steel casing pipe, and 290 feet of 16" water main rehabilitation which included lining, televising, and pressure testing. This project was the recipient of a 2022 ACEC Engineering Excellence Merit Award.



DWAYNE COMMODORE  
Senior Construction Inspection



**EXPERIENCE OVERVIEW**

Mr. Commodore (Dwayne) has been in the industry for over 33 years with 32 of those years of experience working for IDOT. He was an RE at IDOT District 1, South Cook County for over 13 years. In his role as RE, he managed over 40 projects, some of which have a similar scope to these projects. As an RE at IDOT he is familiar with IDOT'S specifications and standards, as well as IDOT's documentation process and will ensure all work is completed to IDOT's required standards. He will oversee the contractor and conduct progress meetings with contractor and report to IDOT on the quality of the work, provide project oversight, manage inspection staff, maintain proper documentation of work, communicate and coordinate with all stakeholders, prepare pay estimates and change orders, and ensure work is completed within budget in a timely manner.

**SELECT PROJECT/EMPLOYMENT EXPERIENCE**

**IDOT 62R55: BRIGGS STREET BRIDGE OVER FAI ROUTE 80 (I-80): BRIDGE REPLACEMENT AND BRIDGE WIDENING, TransLand - Assistant Resident Engineer**

The Briggs Street Bridge over I-80 reconstruction project limits begins just north of the eastbound I-80 ramp intersection and ends just south of the westbound I-80 ramp intersection for an approximate length of 980 feet (0.186 miles). The scope of work for this project includes:

- Replacement and widening (including vertical clearance improvements) of the bridge carrying Briggs Street over I-80
- Replacement and widening of the Briggs Street pavement approaching the bridge over I-80 including resurfacing of existing pavement to tie into existing to remain.
- Replacement and upgrading of the existing drainage system, signing, roadway lighting and traffic signal interconnect infrastructure.
- All incidental and ancillary work necessary to complete the project as shown in the plans and as described herein.

As the Assistant RE, Dwayne has been responsible for documenting all weekly reports and entering all IDRs into CMMS, creating all pay estimates and authorization changes, assist the RE with all progress meetings, minutes, agenda, performed SWPPP/Erosion Control Inspection, and construction inspection services as well as traffic control inspections.

**IDOT-D1 Bureau of Construction, South Cook & Will County Areas, IDOT-D8, East St. Louis Region - Resident Engineer**

Responsible for the management of over \$50 Million dollars for IDOT Construction and Maintenance projects involving bridge repair or replacement, electrical improvements, PCC and HMA pavement construction. Implemented contract change orders and maintained an average final cost within +/-10% of contract price.

**EDUCATION**

Bachelor of Science, Civil Engineering,  
University of Illinois at Urbana, 1990

**IDOT ADDITIONAL TRAINING**

IDOT Documentation of Contract Quantities:  
Cert. #: 21-19396

Construction and Materials Management  
Systems Training (CMMS)

IDOT Specialized Training in Bridge & Road  
Construction Inspection, Materials,  
Documentation, and Management

**INDUSTRY TENURE**

33 Years



## DWAYNE COMMODORE

Senior Construction Inspection

Led and trained over 35 Construction Inspection Crews composed of new Engineering Graduates as well as Veteran Inspectors and Engineers.

Directed, inspected, surveyed, and provided layout for construction methods for highway, electrical, and geotechnical contractors. Supervised, provided, and monitored all Contract Documentation. Measured and recorded quantities of equipment and manpower in addition to calculating dollar amounts for payment.

Performed and supervised material testing and layout required for QCP and PFP quality control pay for performance.

### **Sample List Of IDOT-District1 Completed Similar Projects:**

#### **IDOT Contract #60W90 Traffic Signal Modernization & Channelization (159th St. @ Torrence Ave. Calumet City, IL)**

Work performed under this contract included tree removal, removal of unsuitable soil and non-special waste soil, remove and replace curb, and sidewalk, earth excavation, landfill placement, pavement patching, hot-mix asphalt resurfacing, hot-mix base course widening, drainage structure reconstruction, sewer pipes under main line, and side street pavement, thermoplastic pavement markings, raised reflective pavement markers, and landscaping.

#### **IDOT Contract #60D70 Latex Bridge Deck Overlay & Bridge Repair (Harlem Ave over Stony Creek)**

Work performed under this contract included, concrete median removal, profile calculations and layout of full and partial depth patching, layout for shotcrete concrete structure repair of abutments and piers, concrete slope wall repair, beam jacking for repairing and painting of all bridge bearings. Latex Bridge Deck Overlay and HMA Approach Pavement Construction.

#### **IDOT Contract # 62K25 Bridge Deck Beams & Bearings Painting, Garfield Blvd. (55th St) over I-94 & CTA Railroad Tracks**

Work required installing containment housing to safely remove Lead Paint and Rust Special Waste from existing bridge deck beams and bearings then re-painted steel with 3 coats of paint. Daytime and Nighttime Lane closures required on Dan Ryan Expressway. Extensive coordination required with CTA Railroad Flaggers and Traffic Control Subcontractor.

#### **IDOT Contract #62J12 Various Expressway Full and Partial Depth HMA Pavement Patching on I-94, I-57, and I-80.**

Evaluated pavement and laid out patches. Replaced thermoplastic pavement markings, raised reflective pavement reflectors, and detector loops. Directed staging of nighttime traffic control to do repairs at over 100 different locations.

#### **IDOT Contracts #60L98 HMA Resurfacing, Sewer Pipe & Drainage Structure Installation, ADA Ramp & Sidewalk Improvements.**

Work performed under this contract included tree removal, removal of unsuitable soil and non-special waste soil, curb and sidewalk replacement, earth excavation and fill, pavement patching, hot-mix asphalt resurfacing, hot-mix base course widening, drainage structure reconstruction, new sewer pipes under main line and side street pavement, formed in place concrete Inlet and outlet construction of head walls and concrete floors, sewer junction box construction, thermoplastic pavement markings, raised reflective pavement markers and landscaping.

#### **IDOT Contract #60I64 Class D-Patching, HMA Resurfacing & Concrete Pavement Overlay, and New Sewer Pipe Installation Pulaski Road (95th St. to 103rd St.)**

Work required identifying stressed pavement areas for full depth or partial depth Class D-patching, HMA pavement resurfacing of an urban roadway with a high average daily traffic volume. Adjustment or reconstruction of various drainage structures, traffic signal hand holes, gas valve and water valve structures found in pavement. Reconstructed curb, gutter, driveway, and various sidewalk locations in order to build ADA compliant ramps. Also, work performed under this contract included removal of unsuitable and non-special waste soil, earth excavation, landfill, thermoplastic pavement markings, raised pavement reflectors, detector loop replacement, and landscaping. Installed a 6ft sewer pipeline and connected outflow to the Water Reclamation Deep Tunnel Sewer System to reduce area flooding.



## RAQUIB KHURSIWALA

Field Engineer / Construction Inspector

Excellence in Infrastructure Consulting

### EDUCATION

B. S. in Civil Engineering  
India 2000

### PROFESSIONAL REGISTRATION & TRAINING

IDOT Documentation of Contract  
Quantities – 22-19525

PCC Concrete Level-I

### EXPERIENCE:

15 Years Total

3 Years with Firm

### OFFICE LOCATION

Chicago, IL

### Profile

Raquib has over 17 years of work experience in the fields of Civil Engineering and Construction Management with responsibilities in diverse aspects of construction. Performed roles of field engineer and construction inspector. Offers an extensive background in overseeing a variety of projects including Roadway, underground utilities, sewer and drainage systems, retaining walls, streetscapes, concrete medians and landscaping. IDOT Documentation of Contract Quantities certified since 2017.

### Selected Project Experience

- **IDOT PTB 203-003: Phase III Various Routes, Various Counties,** Construction Inspector as a subconsultant providing monitoring and inspection of roadway and bridge construction and rehabilitation projects. Projects included roadway resurfacing, roadside safety, signage and striping. Responsible for measurement, quantity calculations, daily reports and coordination with the Resident Engineer.
- **Pavement Maintenance South 2021 Contract, Cook County DOT** - Construction Inspector for the pavement maintenance contract South 2021 for Cook County DOT at various locations throughout Cook County. Work involved ADA Ramps, sidewalks, asphalt paving and layout phases, streetlights and sewer work. Prepared IDRs, progress reports and other measurements and documentation.
- **Burley Ave. (122nd St. to 126th Pl.) and 122nd St. (Avenue O to Burley Ave.) CDOT B-1-428** - Construction Inspector for the construction of new roadway pavement, a shared use path, and landscaped parkway on S. Burley Ave. from E.122nd St. to E. 126th Pl. and on 122nd St. from S. Avenue O to S. Burley Ave. Followed IDOT documentation standards.
- **Chicago Department of Transportation – Bridge and Viaduct Painting Contract 9 / CDOT E-4-700** – Construction Inspector responsible for the inspection of painting of various bridges in the City of Chicago. Responsible to conduct field inspections, documentation, appropriate weather conditions check, safety checks, traffic control & environmental checks.
- **Chicago Department of Transportation – Bridge and Viaduct Painting Contract 10 / CDOT E-4-701**– Construction Inspector responsible for the inspection of painting of various bridges in the City of Chicago. Responsible to conduct field inspections, documentation, appropriate weather conditions check, safety checks, traffic control & environmental checks.
- **Chicago Department of Transportation – Rel 3: Streets for Cycling; Phase IV, Project 3A / CDOT D-6-107** – Construction Inspector responsible for the inspection of sidewalk, curb & gutter, accessible ramps, speed bumps, asphalt & concrete pavements, utilities and striping. Responsibilities included supervision of work done by contractors, inspection and authorizing necessary changes due to existing conditions, review contract documents, providing daily, weekly and project progress reports, conduct measurements and surveys for the project.
- **Chicago Department of Water Management – North Lamington Sewer Improvement Project-7159** – Construction Engineer responsible for the inspection of reinforced concrete sewer 60 inch to 30 inch diameter pipes. Work included excavation, trenching, grading, backfilling, compaction of excavations, restoration of pavements, curbs, walkways, landscaped areas and removal of all construction debris. Inspected all work, recorded calculations, prepared daily reports, SWR and monitored concrete tests and asphalt tests performed by others.

5519 N. Cumberland Ave.  
Suite 1011  
Chicago, IL 60656  
312.324.0336



# MOHAMMED MAZHERUDDIN

Civil Engineer

Excellence in Infrastructure Consulting

### EDUCATION

Master of Science (MS) in Engineering, Indiana Tech University IN – Dec 2020

Bachelor of Engineering in Civil Engineering, Jawaharlal Technology University, Hyderabad, India - May 2018

### PROFESSIONAL REGISTRATION & TRAINING

IDOT Documentation of Contract Quantities – 21-19253

### EXPERIENCE:

3+ Years Total

2+ Years with Firm

### OFFICE LOCATION

Chicago, IL

### Profile

Mr. Mazheruddin (Mazher) has 3+ years of experience following completing of his Master of Science in Engineering in 2020. He has a Bachelor of Engineering in Civil Engineering.

### EXPERIENCE

- **Central Ave. Bridge Emergency Deck Repairs**, Cook County. Construction engineer providing site inspection and documentation for bridge deck repairs. Oversaw construction activities and documented quantities for construction work.
- **Lake Cook Road, Arlington Heights Rd to Raupp Blvd.**, Cook County. Construction inspector for roadway resurfacing, ADA accessibility improvements, traffic signal modernization and pavement marking improvements. Overseeing construction activities, documenting quantities and providing daily inspection reports.
- **Lincoln and Ashland Intersection Reconstruction**, Chicago DOT. Site inspector as part of Phase III Prime Consultant for intersection reconstruction in Chicago. Duties included site inspection and documentation.
- **IDOT Various Routes, Various Projects**, Lake County. Construction inspector for various roadway rehabilitation projects. Projects included resurfacing, striping, shoulder improvements and utility improvements. Monitored construction, documented quantities and provided Inspector's Daily Reports.
- **Chicago Department of Water Management – TOR #25, PN #7110** – Beach and Midway Sewer Improvements – Construction Engineer responsible for the close out work for reinforced concrete sewer construction. Work included excavation, trenching, grading, backfilling, compaction of excavations, restoration of pavements, curbs, walkways, landscaped areas and removal of all construction debris.
- **C\*NECT: Program Manager Consultant – CDOT Capital Improvements Projects**, Chicago, IL. Providing construction support services for Chicago citywide program involving various community infrastructure projects, including roadway resurfacing, surveys, sidewalks, ramp reconstruction and curb and gutter repairs. Providing field support, construction estimates, documentation of quantities. Providing mobile data collection surveys using mobile tablet applications. Working on project scheduling, field layouts, materials orders and tracking, coordination with other construction projects and other critical issues in the construction process. Ensuring all work is in compliance with local, state and federal codes and is documented according to IDOT and CDOT procedures.

5519 N. Cumberland Ave.  
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## SECTION 6B

### KEY SUPPORT PERSONNEL RESUMES



# Ken Smorynski, PE, SE

## Project Principal

Mr. Smorynski has more than 31 years of professional experience related to the engineering and management of transportation projects, and has a unique combination of Phase I and Phase II engineering project experience. As Project Manager, he has overseen projects ranging from intersection improvements to widening and reconstruction of high-volume urban arterials with interstate interchanges. Mr. Smorynski served as the Project Manager for Tollway's rehabilitation and construction of I-355 Veterans Memorial Tollway M.P. 12.3 (I-55) to M.P. 29.8 (Army Trail Road), Contract RR-11-5638. He was also the Structural QC Engineer for Tollway's rebuild of I-294, the Elgin O'Hare Western Access, Jane Addams Memorial Tollway System (I-90) Interchange, Eastbound Collector Distributor Road, Contract I-17-4675.

### EXPERIENCE

**Elgin O'Hare Western Access, Jane Addams Memorial Tollway System (I-90) Interchange, Eastbound Collector Distributor Road, Contract I-17-4675; Illinois State Toll Highway Authority; Cook County, IL** – Structural QC Engineer responsible for the construction of new lanes to serve as the eastbound collector-distributor roadway for the Elgin O'Hare Western Access (EOWA) and I-90 interchange between Elmhurst Road and Mount Prospect Road. The scope of engineering services includes field studies and inspections; surveying; geotechnical investigation; environmental studies; review and verification of Phase I plans; new bridge structure over Higgins Creek; noise abatement and retaining walls; sign structures, drainage improvements; ITS work; erosion control and landscape; protection and/or relocation of utilities; pavement markings; roadway signing; barrier warrant analysis and installation of guardrail; lighting; maintenance of traffic plans; coordination with adjacent projects; local agencies; USACE, IDNR and utilities; specifications; cost estimation; and all appurtenant and miscellaneous items.

**Roadway Rehabilitation and Misc. Construction, I-355 Veterans Memorial Tollway M.P. 12.3 (I-55) to M.P. 29.8 (Army Trail Road), Contract RR-11-5638 Illinois Tollway; Illinois State Toll Highway Authority; Various Locations, IL** – Project Manager for roadway rehabilitation on the mainline from I-55 to 83rd Street, Collector Distributor Roads at Butterfield, and on the mainline from North Avenue to Army Trail Road. Concrete pavement patching; extension in median barrier wall and bridge parapet height; existing bridges repair; rehabilitation of shoulders; drainage improvements; barrier warrant analysis and installation of guardrail; anchors and terminals; erosion control and landscape; protection of utilities; maintenance of traffic plans; pavement markings; roadway signing; coordination with local agencies and utilities; permits; specifications; cost estimations; repairs of 24 mainline bridge structures; retaining and noise abatement walls; I-88 underpass lighting replacement; and four overhead segmental bridge structures repair were completed in this project.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

31 Years

#### EDUCATION

##### M.B.A.

University of Illinois  
Urbana-Champaign, IL

##### M.S. Civil Engineering

University of Illinois  
Urbana-Champaign, IL

##### B.S. Civil Engineering

University of Illinois  
Urbana-Champaign, IL

#### LICENSES

**Professional Engineer**  
IL #062051758

**Structural Engineer**  
IL #081005763

#### CERTIFICATIONS/ CONTINUING EDUCATION

##### IDOT

National Bridge Inspections  
Standards (NBIS) Program  
Manager

#### PROFESSIONAL AFFILIATIONS

American Society of Civil  
Engineers (ASCE)

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
01/2012 – Present



**Veterans Memorial Tollway (I-355) Rehabilitation, RR-16-4256; Illinois State Toll Highway Authority; Chicago, IL** – Project Manager. IEI is the prime consultant to provide Phase II Engineering Services for the preparation of contract plans and specifications for rehabilitation of the Veterans Memorial Tollway (I-355). The work includes I-355 mainline patching; resurfacing; lighting replacement; median barrier and bridge parapet extension; rehabilitation of retaining wall; and noise abatement.

**CDOT Jackson Park Roadway Framework Improvements; C\*NECT LLC; Chicago, IL** – Project Manager for Phase I and Phase II Roadway and Structural Improvements in and around Jackson Park for the City of Chicago. C\*NECT, a joint venture of IEI and Civiltech Engineering, Inc. is providing the Chicago Department of Transportation (CDOT) Phase I and Phase II engineering services for roadway improvements to support the South Lakefront Framework Plan, which includes the Obama Presidential Center in Jackson Park, Chicago, Illinois. The project purpose is to implement a number of transportation improvements to provide increased safety, roadway mobility and pedestrian accommodations in and around Jackson Park.

The Phase I services for this task order include data collection; preparation of base maps and mosaics; geometric studies; safety studies including crash analysis; capacity analysis including intersection design studies; route and topographic surveys; bridge inspections and condition reports; location drainage studies; cost estimates; and public involvement. This project is being processed as an Environmental Assessment/Finding of No Significant Impact (EA/FONSI) and a Combined Design Report (CDR) is being prepared. The project involves significant environmental studies and is utilizing the NEPA/404 Merger Process. A Public Hearing was held in fall of 2020.

The Phase II services include final design and preparing plans, specifications and estimates for the two (2) initial construction bid packages which include:

- Roadway widening and rehabilitation of Lake Shore Drive between 57th Street and Hayes Drive
- Sidewalk, multiuse path and ADA Improvements throughout Jackson Park and the surrounding area
- Complete Street and Traffic Calming Improvements along Stony Island Avenue between 57th Street and 69th Street
- Traffic Signal Improvements along Lake Shore Drive between 57th Street and 67th Street and Stony Island Avenue between 57th Street and 69th Street
- Street Lighting Improvements along Lake Shore Drive between 57th Street and 67th Street, along Stony Island Avenue between 57th Street and 69th Street, and pedestrian lighting improvements at various locations throughout the park
- Reconfiguration and partial relocation of Cornell Drive in Jackson Park
- Roadway Drainage Improvements throughout Jackson Park and surrounding area
- Existing bridge and underpass widenings on Lake Shore Drive between 57th Street and 67th Street, bridge rehabilitation of the Hayes Drive arch bridge and three (3) new pedestrian underpasses beneath Hayes Drive in Jackson Park

**Central Tri-State Tollway (I-294); Illinois State Toll Highway Authority; Cook County, IL** – Structural QC Engineer for several task orders relating to the rebuilding of the Tri-State tollway. The largest task order involves reconfiguring the Ogden Avenue interchange from a full cloverleaf to a partial cloverleaf. He set the geometry for the reconfigure ramps. He led the team of engineers to produce final construction plans. Other task orders included design of a cul-de-sac and noise abatement walls.

**System Wide DUR, RR-13-5681; Illinois State Toll Highway Authority; Illinois** – Structural QC/QA for providing engineering design services under a design upon request (DUR) contract agreement with the Tollway. Task work includes: pavement preservation and rehabilitation, roadside safety repairs and lighting upgrades and LED retrofit from I-294 M.P. 0.0 to M.P. 17.6.; structural repair and preservation of 40 bridges and five (5) additional structures from I-294 M.P. 0.0 to M.P. 17.6.; drainage study, drainage system televising and improvements; lighting upgrades along I-88 and I-294; and improvements at the Central Administration (CA) Building Parking Lots.



# Hasan Ahmed, P.E.

## Quality Lead

Mr. Ahmed brings over 10 years of civil engineering experience with a focus on construction engineering and inspection. His career spans multiple roles, including Construction Inspector, Resident Engineer, and Project Manager.

Mr. Ahmed has led projects involving resurfacing, pavement construction, bridge replacement, tunnels, and drainage systems. He is adept in managing construction requirements, change management, and cost control, having collaborated with agencies such as IDOT, Illinois State Toll Highway Authority, Chicago Department of Transportation, and the Chicago Department of Aviation. His expertise also extends to departmental management, including staffing, revenue generation, client invoicing, and budget control.

### EXPERIENCE

**Elgin O'Hare Western Access, I-490 from Touhy Avenue to Devon Ave (4708CM); Illinois State Toll Highway Authority; Elk Grove Village, IL** – Project Manager/Resident Engineer. The project involves significant advancements in highway construction including earth moving, MSE retaining walls, pile driving, and drainage infrastructure. Key elements include the construction of a new Chicago Police Department facility and infrastructure improvements, including an 84-inch storm sewer jack and bore beneath UPRR. Mr. Ahmed managed project coordination with multiple agencies and partners, overseeing over 100 change orders while ensuring budget adherence and project delivery.

**RWY 9L ALSF Relocation (4753C); Illinois State Toll Highway Authority; Elk Grove Village, IL** – Project Manager/Resident Engineer. This project includes the installation of a new structure to carry Approach Lighting towers over the proposed I-490. Mr. Ahmed's responsibilities encompassed managing earth excavation, pile driving, concrete structures, and electrical infrastructure, ensuring all components were constructed as per specifications and project requirements.

**Red Line South Extension; Chicago Transit Authority (CTA); Chicago, IL** – Project Engineer for the 5.6-mile extension starting from the existing terminal at 95th Street/Dan Ryan and terminating at 130th Street. The RLE project would include four new fully accessible stations near 103rd Street, 111th Street and 130th Street, within the Roseland, West Pullman, and Riverdale community areas. Estimated Construction Cost – \$3.6B. IEI is a JV partner of the REDifine Southside Partners team with WSP USA Inc., and Patrick Engineering Inc.

**I-490/I-90 Interchange (4705C); Illinois State Toll Highway Authority; IL** – Lead Construction Engineer. The project entails the construction of new PCC pavement ramps, extensive earth excavation, and installation of drilled shaft foundations. Mr. Ahmed coordinated inspection and materials testing teams, managed Authorizations, Change Orders, and Extra Work Orders, and resolved design issues to ensure project compliance and successful completion.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

10 Years

#### EDUCATION

**B.S. Civil Engineering**  
Georgia Institute of Technology, Atlanta, GA

#### LICENSE(S)

**Professional Engineer:**  
IL #062-069729

#### CERTIFICATIONS/ CONTINUING EDUCATION

**IDOT**  
Documentation of Contract Quantities Cert #20-17897  
Erosion and Sediment Control Modules I & III  
FAR Part 139.303

#### OSHA

30-Hour Construction Safety and Health #24-602015903

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
06/2024– Present



**Kankakee River Bridge, I-57; IDOT, IL** – Assistant Resident Engineer. Managed the demolition and reconstruction of twin river bridges, involving extensive foundation work, structural steel installation, and concrete paving. Responsibilities included construction inspection, documentation, and coordination of inspection and testing activities.

**Median Crossovers, I-57; IDOT, IL** – Construction Inspector. Oversaw the paving of medians, including earth excavation, subbase material placement, and construction of HMA shoulders. Duties involved daily inspections, surveying, and QA concrete testing.

**Intelligent Transportation Systems; IDOT, IL** – Civil Engineer II. Responsible for the maintenance and operation of dynamic message signs and CCTV cameras, including on-site repairs and preparation of plans for new signage and detection devices. Coordinated with utilities, railroads, and adjacent IDOT offices for system upgrades and maintenance.

**O'Hare and Midway International Airports; Chicago Department of Aviation; Chicago, IL** – Resident Engineer. Managed inspection, documentation, and quality control for various airport projects. Key projects included:

- **Leak Repairs to Concourse B & C Pedestrian Tunnels:** Coordinated waterproofing measures and structural repairs while minimizing impacts on airport operations.
- **Recirculation Bridge Replacement:** Oversaw the replacement of a bridge serving emergency routes, including structural repairs and re-routing of utility systems.
- **North Airfield Sanitary Sewer Relocation:** Managed the installation of new sanitary sewer lines and a lift station, coordinating with airport tenants and agencies.
- **Taxiway-A Extension:** Supervised the construction and paving of new taxiway sections, including drainage and lighting improvements.



# Raspal Bajwa, PE, CFM

## Roadway Design Support

Mr. Bajwa has almost 40 years of civil engineering experience. His background spans multiple market sectors, offering varied and substantial project engineering and management capabilities.

His roadway and transportation engineering experience includes roadway geometrics design; 3-D digital terrain modeling; pavement design; pavement rehabilitation; roadway safety and barrier warrant analysis; complex highway signing and pavement markings; drainage and stormwater management; grading and earthwork calculations; driveways and parking lots; loading docks; construction staging; maintenance of traffic; utilities and permit coordination; cost estimation; and construction coordination and inspections.

### EXPERIENCE

**Roadway Drainage and Pavement Improvement Projects; Cook County Department of Transportation and Highways (CCDOH); Cook County, IL – Project Manager for preparation of plans, specifications, and estimates for drainage improvement (Bid A) and pavement improvement (Bid B) projects throughout the Cook County highway system. The project includes:**

- **Drainage Improvement Projects:** Damaged Storm Sewer Pipe - Quentin Road, south of Palatine Road, Palatine, IL. Walters Road, East of Christina Lane, Northbrook, IL. Will Cook Road, north of Oak Hill Drive, Orland Park, IL. 171st Street, just west of 80th Avenue, Tinley Park, IL. 780 Sunset Ridge Road, Northbrook, IL. Sunset Ridge Road at Landreth Lane, Northbrook, IL. West Bartlett Road, Bartlett, IL. 1366 West 87th Street, Willow Springs, IL.
- **Pavement Improvement Projects:** Buffalo Grove Road– NB & SB Turn Bay Pavement at Dundee Road, Buffalo Grove, IL. Buffalo Grove Road– NB & SB Turn Bay Pavement at Cobbler Lane, Buffalo Grove, IL. Dempster Avenue - Wolf Road to Route 83, Des Plaines, IL. Lake Cook Road west of Sanders Road, EB outside Lane, Riverwoods, IL. 8850 Ridgeland Avenue Southbound, Oak Lawn, IL. 87th Street at Ridgeland Avenue, Oak Lawn, IL. 87th Street at Oketo Avenue, Bridgeview, IL. 87th Street at 83rd Avenue, Hickory Hills, IL. 108th Avenue South of 153rd Street, Orland Park, IL. 175th Street - Oak Park Avenue to Ridgeland Ave, Tinley Park, IL.

**CREATE 75th Street Corridor Improvement; P-2, P-3 & EW-2 Project; Illinois Department of Transportation (IDOT), Chicago, IL – Senior Drainage Engineer Project involved improvements over 8 miles, including railroad track realignment, street bridge and embankment widening, retaining walls, closure of the Union Avenue viaduct, and construction of two railroad flyover structures. Responsibilities included stormwater management, coordination with stakeholders, and preparation of drainage reports and 30% plans.**

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

39 years

#### EDUCATION

**M.S. Transportation Engineering**  
Illinois Institute of Technology

**M.S. Surveying and Photogrammetry**  
Indian Institute of Technology

**B.S. Civil Engineering**  
G.B. Pant University, India

#### LICENSES

**Professional Engineer:**  
IL #062050163  
IN #0403996  
WI #30848006  
CA #64931  
IA #17089  
TX #146596  
GA #051411

#### CERTIFICATIONS/ CONTINUING EDUCATION

Certified Floodplain Manager (CFM)

IAFSM – Working Across Disciplines to Solve Floodplain and Stormwater Problems

Two-Dimensional Hydraulic Modeling of Rivers at Highway Encroachments FHWA-NHI135095

#### PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers (ASCE)

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
03/2003 – Present



**Tri-State Tollway Design Upon Request; Illinois State Toll Highway Authority; Cook and DuPage Counties, IL** – Project Manager. Managed multiple task orders for road rehabilitation, widening, structural design, bridge replacement, and maintenance of traffic. The scope included reconstruction of the Central Tri-State Tollway from 95th Street to Balmoral Avenue to add lanes, wider shoulders, and improve safety.

**Elgin O’Hare Western Access; Jane Addams Memorial Tollway System (I-90) Interchange; Eastbound Collector Distributor Road; Illinois Department of Transportation (IDOT); Cook County, IL** – Project Manager. Managed the construction of new lanes for the eastbound collector-distributor roadway between Elmhurst Road and Mount Prospect Road. Scope included field studies, surveying, geotechnical investigation, environmental studies, bridge construction, noise abatement, drainage improvements, and coordination with local agencies.

**Jane Addams Memorial Tollway; (I-90) Reconstruct and Add Lane MP 68.2 (IL 53) to MP 61.3 (Higgins Rd) Project, Contract I-11-4017; Illinois State Toll Highway Authority; Cook County, IL** – Project Manager. Oversaw preparation of contract plans for the construction of seven retaining walls and rehabilitation of an existing retaining wall. Tasks included feasibility study, drainage design, undercutting unsuitable materials, and coordination for erosion control and traffic maintenance.

**Engineering Design Services, DUR RR-08-5563; Illinois State Toll Highway Authority, IL** – Project Manager. Provided engineering design services for I-294 wrap-up work between I-90 and Dempster Street. Tasks included guardrail installation, noise abatement walls, barrier walls, lighting, and maintenance of traffic. Managed tasks involving utility coordination, construction schedule, and cost estimates.

**System Wide DUR RR-13-5681; Illinois State Toll Highway Authority; IL** – Project Manager. Provided engineering design services for design upon request (DUR) under a four-year contract agreement. Work tasks included:

- Task Order - South Tri-State Pavement Preservation and Rehabilitation; Roadside Safety Repairs
- Task Order - Bridge Inspection and Repair Drawings for 40 Bridges
- Task Order - Drainage Study I-294
- Task Order - Clean and Televisive Drainage System
- Task Order - Lighting Upgrade, I-88
- Task Order - Eastbound I-80 to Northbound I-294 Ramp A Drainage Investigation
- Task Order - Tollway’s Central Administration (CA) Building Site Improvements
- Task Order - Permeable Parking Lot Pavements White Paper Development

**Roadway Rehabilitation and Miscellaneous Construction, I-355 Veterans Memorial Tollway M.P. 12.3 (I-55) to M.P. 29.8 (Army Trail Road); Contract RR-11-5638; Illinois State Toll Highway Authority** – Project Manager. Oversaw roadway rehabilitation, including concrete pavement patching, bridge repairs, drainage improvements, and more. The project had a construction cost of over \$24 million.

**Jane Addams Memorial Tollway (I-90), Elmhurst Road Interchange Reconstruction Project, Contract I-11 4020; Illinois State Toll Highway Authority; Cook County, IL** – Project Manager. Improvements included reconstructing and replacing the partial access interchange with a new full-service interchange—a double crossover diamond (DCD) interchange. Tasks included preparation of contract plans for three retaining walls and related improvements.



# Pankaj Kumar, PE, SE

## Structural Design Support

Mr. Kumar has 16 years of professional experience including the design and analysis of bridges and transportation related structures. He has experience performing condition assessments, preparing reports, performing bridge designs, and preparing contract plans and specifications.

He has worked on structures ranging from culverts to complex urban interchanges including cantilever sign supports and sign bridges. He has experience performing engineering services for various combined sewer upgrade projects throughout the City of Chicago.

### EXPERIENCE

**Truss Bridge Repair over the Calumet-Sag Channel; Cook County Department of Transportation and Highways (CCDOH); Cook County, IL** – Structural Project Engineer for providing design calculations, design details and specifications for repair details for four truss bridges over the Calumet-Sag Channel. The previous truss bridges had deteriorated areas of the structural steel identified during recent bridge inspection. The repairs that were required are based on the recommendations from the Draft Inspection Memorandum.

**Addison Creek Reservoir; Metropolitan Water Reclamation District (MWRD); Melrose Park, IL** – Structural Project Engineer. Mr. Kumar provided the preliminary engineering services which consists of three grading plans for the reservoir and surrounding property while also allowing areas for a spillway chute, access roads and truck driving facilities. The access roads will have three alternate plans: from the top to the bottom of the reservoir, from Lake Street to the reservoir, and the best location for an entrance off Lake Street. Other offsite improvements consist of peak hour turning movement counts, expected truck routes and the impact that construction vehicles will have on adjacent roadways and intersections and propose improvements. Structural scope of services includes design of Intake structure, drop structure, spillway, control structure and debris piers.

**PTB 173-001 Wood Street/Ashland Avenue South of US Route 6 (159th street) to 138th St.; Illinois Department of Transportation (IDOT); Chicago, IL** – Structural Engineer provided Phase II design services for the widening of the existing four lane cross section to a five-lane cross section from the south limit to approximately 142nd Street. From 142nd street to just north of the Indiana Harbor Belt Railroad (IHBRR) bridges a three-lane cross section will be constructed. A shared use path was constructed on the west side of the corridor and a sidewalk on the east side of the corridor. Thornton Avenue intersected Wood Street at a substandard angle and caused confusion and there were sight distance issues at the intersection. Thornton Road was realigned to improve the intersection angle and provide better sight lines. A new separate closed system was constructed from 159th Street (US 6) to the Little Calumet River, which included a new outfall within the right-of-way to the river. All intersections within the project with existing traffic signals were replaced with the exception of 138th Street which had its traffic signals relocated.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

16 Years

#### EDUCATION

**B.T. Civil Engineering**  
Indian Institute of Technology  
Kanpur, India, 2007

#### LICENSES

**Structural Engineer:**  
IL: #081007577

**Professional Engineer:**  
WI: #42104-6  
IL: #062.072063  
MI: #6201310374  
NY: #24GE05832100

#### CERTIFICATIONS/ CONTINUING EDUCATION

**IDOT**  
NHI Safety Inspection of  
In-Service Bridges

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
06/2021 – Present

#### PROFESSIONAL AFFILIATIONS

American Society of Civil  
Engineers, member  
ASCE Illinois, member



**Tri-State Tollway Design Upon Request Contract I-19-4498; Illinois State Toll Highway Authority; Cook County, IL** – Structural Engineer to provide Phase II engineering services for \$5 million design contract to perform work tasks that include preparation of contract plans and engineering studies and other technical services as directed by the Illinois Tollway. The overall scope involves various supplement tasks to mainline contracts for reconstruction of the Central Tri-State Tollway improvements are from 95th Street (milepost 17.5) in the Village of Bridgeview to Balmoral Avenue (milepost 40.0) in the Village of Rosemont. The portion of the highway will be widened to added lanes, wider shoulders, and safety. The total construction cost of tasks is \$45 million. The task assignments include:

- **Ogden Avenue Parclo and Bridge Work:** The scope of work includes rehabilitation of the Ogden Avenue over Tri-State Tollway (I-294), pavement widening for auxiliary lane from WB Ogden Avenue to NB I-294, removal of existing non-reinforced raised median and replacement with reinforced approach slab for Ogden Avenue bridge, new traffic signal with interconnection to Ogden Avenue signal system, partial reconstruction for reconfiguration of Ogden Avenue Interchange, HMA overlay of ramps, noise abatement wall, drainage improvements, roadway lighting, guardrail and other miscellaneous required work.
- **Final Design and Plans for Proposed Noise Abatement Walls with Foundations in Cohesionless Soils including Structure Mounted NAW:** The scope involves final design and plans for 8 ground mounted Noise Abatement Walls and 1 Structure Mounted Noise. Finalized grading, earthwork, and drainage for Tollway ROW in the area behind the walls. Evaluate potential utility conflicts and design to avoid these conflicts.
- **Overhead Sign Structures and Gantry Foundations** – Final design and plans for various span type and cantilever OHSS structures and 6 single span gantry foundations in non-standard tollway soil conditions.

**Veterans Memorial Tollway (I-355) Rehabilitation; Illinois State Toll Highway Authority; Will and DuPage Counties, IL** – Structural Engineer for the bridge inspection and repair project led by Patrick Engineering. The scope included Phase II Engineering Services for the preparation of contract plans and specifications for rehabilitation of the Veterans Memorial Tollway (I-355) bridges. The work included superstructure, deck, and substructure repairs along with crash wall and median barrier transitions.

**System wide DUR; Illinois State Toll Highway Authority; IL** – As a Structural Engineer, provided design services upon request. Project tasks included system-wide sign structure, noise abatement wall, and retaining wall repairs, as well as bridge structure repairs and on call as-needed work related to the Tollway system and reconstruction/rehabilitation of I-294/I-88 ramps.

- **DUR Task #09 – South Tri-State Structural Repair and Preservation by Infrastructure Engineering, Inc. for Contract RR-13-5681.** The project involved visual field inspection, technical memorandum and repair drawings preparation for the 37 bridges from I-294 Milepost 0.0 to Milepost 17.6. Inspection and repair drawings were prepared for five (5) additional structures. The task order scope included maintenance of traffic, specifications and estimation of cost for the proposed Repair and Preservation.

**I-39 and U.S. Route 20; Illinois Department of Transportation (IDOT); Winnebago County, IL** – Project Structural Engineer. IEI was selected as a sub-consultant to Hanson Professional Services, Inc. for the preparation of bridge condition reports and TS&L Drawings for 4 bridges. IEI developed the bridge condition reports and TS&L drawings for the Structure No. 101-0067 – I-39 Eastbound over CC&P Railroad, Structure No. 101-0068 – I-39 Westbound over CC&P Railroad, Structure No. 101-0069 – I-39 Westbound over C&NW Railroad, and Structure No. 101-0069 – I-39 Eastbound over C&NW Railroad.

**Jackson Park Transportation Roadway, Obama Presidential Center; Chicago Department of Transportation (CDOT); Chicago, IL** – As a Structural Project Engineer, Mr. Kumar performed design engineering for structural improvements in and around Jackson Park for the City of Chicago during the preliminary and design phases. The City of Chicago is updating the South Lakefront Framework Plan in consideration of a number of changes planned for Jackson Park including the formation of the Obama Presidential Campus (OPC), the restoration and merger of the Jackson Park and South Shore Golf Courses, and the roadway improvements to support the OPC and golf course. IEI's responsibilities include preliminary infrastructure concept design and contract development for the preliminary engineering required for the implementation of roadway improvements that consider increased safety, roadway mobility, and pedestrian accommodations in and around Jackson Park.



# Duane Mahone, P.E.

## Utility Conflict Coordinator

Mr. Mahone has more than 16 years of experience in construction and project management, roadway design, intersection design, traffic studies, drainage, Intelligent Transportation System (ITS), site design and development, and retaining wall and bridge construction.

He has served as Project Engineer on a wide variety of transportation projects such as new highway construction, corridor studies, highway/interstate rehabilitation, and lane additions to urban/rural highways, urban street construction, and streetscape projects as well as land development projects. Mr. Mahone's comprehensive design and construction management experience makes him a valuable team member in managing heavy construction projects.

### EXPERIENCE

**Chicago Transit Authority (CTA) Red Line Extension Project; Chicago IL** – Lead Utilities Coordinator for the CTA's 5.6-mile heavy transit rail line extension project in the City of Chicago. As part of the Preliminary Engineering Consulting team led by TyLin, IEI responsibilities included the identification and depiction of existing utilities and profiles, analysis of utility impacts with the proposed base case design, and coordination with utilities owners to confirm ownership impacts to utilities. Duane led IEI's team with the development of a utility management plan and utility matrix to maximize utility avoidance and reduce the overall risk of delay to the RLE Project.

**CDOT Jackson Park Roadway Framework Improvements; Chicago, IL** – Project Manager, Utility and Constructability Engineer for Phase I and Phase II Roadway and Structural Improvements in and around Jackson Park for the City of Chicago from IEI's main office in downtown Chicago. Duane Mahone served as the Utility and Constructability Engineer for Phase I and Phase II of the CDOT Jackson Park Roadway Framework Improvements. His role encompassed leading utility coordination efforts with various agencies and private utility companies. This project involves significant infrastructure updates, including the formation of the Obama Presidential Campus, the restoration of Jackson Park and South Shore Golf Courses, and extensive roadway improvements. Duane's responsibilities included overseeing the relocation of major utilities such as a 36-inch water main and numerous telecom and gas lines, coordinating sewer interceptor and pump station relocations, and ensuring effective utility integration into the overall project. The project, with an anticipated construction cost of approximately \$170M, aims to enhance roadway safety, mobility, and pedestrian accommodations in the Greektown Historic District.

- **Utility Coordination:** Mr. Mahone Led the utility coordination efforts involving major relocations and integrations. This included working with various stakeholders such as the City of Chicago, Peoples Gas, AT&T, Verizon, Crown Castle, and others to manage utility relocations and adjustments.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

16 Years

#### EDUCATION

**B.S. Civil Engineering**  
University of Wisconsin,  
Platteville, WI

#### LICENSE(S)

**Professional Engineer:**  
IL #062065167

#### CERTIFICATIONS/ CONTINUING EDUCATION

##### IDOT

Erosion and Sediment Control  
Module 1: Fund

Hot Mix Asphalt 1 Nuclear  
Density

Mixture Aggregate Technician

Documentation of Contract  
Quantities

##### OSHA

30 Hour Construction Safety

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
04/2016– Present

#### PROFESSIONAL AFFILIATIONS

ASCE, Member  
NSBE, Member



- **Major Utility Relocations:** Supervised the relocation of a 36-inch water main along Stony Island from 59th Street to 65th Place, a 12-inch water main along Hayes Drive, and significant telecom infrastructure including AT&T, Verizon, and Crown Castle facilities. Managed the coordination of sewer interceptor relocations with MWRD and DWM, and facilitated sewer lining and sanitary sewer relocations, including up to 36-inch sewers.
- **Pump Station Management:** Oversaw the relocation and new construction of pump stations to accommodate the project's infrastructure needs.
- **Constructability Review:** Conducted thorough reviews of the constructability aspects of the project, ensuring that utility relocations and integrations were seamlessly incorporated into the overall construction plan. This involved assessing potential conflicts, optimizing utility placements, and coordinating with construction teams to ensure timely and efficient implementation.
- **Infrastructure Improvements:** Supported the overall project scope, which includes widening and reconstructing Lake Shore Drive, Stony Island Avenue, and other key roads; improving sidewalks, ADA accessibility, and street lighting; and conducting traffic studies. Key infrastructure elements included viaduct improvements, new street construction, and bridge rehabilitation and widening.
- **Project Management:** Coordinated with the joint venture team C\*NECT, handling detailed planning and execution phases. Managed utility-related aspects across multiple project packages, including significant roadway and bridge work.

**PSB 15-2 Item #2 Inspection; Illinois State Toll Highway Authority; Cook County, IL** – The \$3.4 billion Elgin O'Hare Western Access Project (EOWA) near Chicago's O'Hare International Airport addresses many transportation needs by improving travel efficiency, providing western access to the airport, creating opportunities for jobs and economic development, enhancing multi-modal connections and reducing congestion. The project included 17 miles of new roads with 15 new or improved interchanges as part of a new, all electronic toll road that included rehabilitating and widening Illinois Route 390, formerly known as the Elgin O'Hare Expressway, and extending it east along Thorndale Avenue to O'Hare and building a new roadway around the western border of O'Hare linking the Jane Addams Memorial Tollway (I-90) and the Tri-State Tollway (I-294).

**ISTHA M-7 Rockford Maintenance Facility Site Reconstruction; Illinois Tollway; Rockford, IL** – As Project Engineer, responsible for construction staging, site ingress and egress, pavement reconstruction, stormwater management, landscape and soil erosion/sedimentation control measures, detention ponds, bio-swales, pavement markings and signage. The scope of work included site lighting design, construction staging, and maintenance of traffic and studies of construction impacts to local facilities. This project included coordination with the Tollway-hired Architect to design the site layout buildings, ensuring protection and / or relocation of utilities, environmental mitigation and management of contaminated materials, coordination of all project site-related permits and approvals by authorities having jurisdiction. The final PS&E documents incorporated the Design Architect's building footprints and Building Construction Cost Estimates

**Bridge Reconstruction and Widening, Jane Addams Memorial Tollway M.P. 50.1 over C&NW Railroad; Illinois Tollway Authority; Elgin, IL** – As Assistant Resident Engineer, responsibilities included construction management and inspection for the removal of the existing EB & WB 3-span concrete beam bridge over the railroad and the construction of a single-span steel-plate girder replacement dual bridge. Maintained coordination with the Contractor, reviewed all Inspector Daily Reports, checked the documentation of pay items and coordinated the submittals of shop drawings. Conducted weekly progress meetings, coordinated with the railroad for compliance with its agreement with the Tollway and managed the preparation of final measurements, calculations and the preparation of final contract documents after completion of the Punch List.



# Adam Ralph, P.E.

## Agency Coordinator

Mr. Ralph has focused much of his engineering career on stormwater management, hydraulics, and hydrology of both large and small infrastructure projects. He has completed multiple drainage studies, developed site designs incorporating green infrastructure, performed hydraulic and hydrologic stormwater modeling, and completed drainage permit and design reviews for local agencies. His projects have incorporated flood control, storm system design, stormwater detention, streambank stabilization, and permeable pavements. He has proficiency in hydraulic and hydrologic modeling of tributaries, culverts, and stormwater systems using XPSWMM, HEC-RAS, HEC-HMS, and HY-8.

Mr. Ralph has worked on drainage and hydraulic projects for the Metropolitan Water Reclamation District of Greater Chicago, Cook County Department of Transportation and Highways, Chicago Department of Transportation, Illinois Tollway, and multiple other local municipalities.

### EXPERIENCE

**Elgin O'Hare Western Access, Jane Addams Memorial Tollway System (I-90) Interchange, Eastbound Collector Distributor Road. Contract I-17-4675; Illinois Tollway; Chicago, IL** – Project Civil Engineer. The project involves construction of new lanes to serve as the eastbound collector-distributor roadway for the Elgin O'Hare Western Access (EOWA) and I-90 interchange between Elmhurst Road and Mount Prospect Road. The scope of engineering services includes field studies and inspections, surveying, geotechnical investigation, environmental studies, review and verification of phase I plans, new bridge structure over Higgins Creek, crash worthy noise abatement wall, sign structures, drainage improvements, ITS work, erosion control and landscape, protection and/or relocation of utilities, pavement markings, roadway signing, barrier warrant analysis and installation of guardrail, lighting, maintenance of traffic plans, coordination with adjacent projects, local agencies, USACE, IDNR and utilities, specifications, cost estimation, and all appurtenant and miscellaneous items.

**CDOT Jackson Park Roadway Framework Improvements; CNECT LLC, Chicago, IL** – Project Engineer for Phase I and Phase II Roadway and Structural Improvements in and around Jackson Park for the City of Chicago. Provided conceptual parking lot layout and prepared Intersection Design Studies. The City of Chicago is updating the South Lakefront Framework Plan in consideration of a number of changes planned for Jackson Park including the formation of the Obama Presidential Campus (OPC), the restoration and merger of the Jackson Park and South Shore Golf Courses and the roadway improvements to support the OPC and golf course. C\*NECT will perform preliminary infrastructure concept design and contract development for the preliminary engineering required for implementation of roadway improvements that will consider increased safety, roadway mobility and pedestrian accommodations in and around Jackson Park.

### HIGHLIGHTS

#### YEARS OF INDUSTRY EXPERIENCE

14 Years

#### EDUCATION

##### M.B.A. Business

University of Chicago Booth School, Chicago, IL

##### B.S. Civil Engineering

Purdue University, West Lafayette, IN

#### LICENSE(S)

##### Professional Engineer:

IL #062.068161

#### CERTIFICATIONS/ CONTINUING EDUCATION

NASSCO Pipeline Assessment & Certification Program

#### EMPLOYMENT HISTORY

Infrastructure Engineering Inc.  
01/2015– Present

#### PROFESSIONAL AFFILIATIONS

ASCE, Member

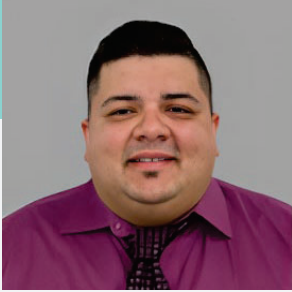


**Design Upon Request (DUR) - Systemwide; Illinois State Tollway; Chicago, IL** – Project Engineer for a series of tasks for the Illinois State Tollway including pavement repairs, systemwide sign structure, noise abatement wall and retaining wall repairs; bridge structure repairs, and on call as-needed work related to the Tollway system and reconstruction/rehabilitation of I-294/I-88 ramps. The tasks are described below.

- **DUR Task #03** – Clean and Televis Drainage Structures, I-294 MP 6 to 17.6 by Infrastructure Engineering Inc. for Contract RR-13- 5681. The task order scope included inspection of roadway drainage structures, roadside ditches, culverts and mainline bridge drainage structures; and preparation of plans, specifications, and estimates for a cleaning and televising contract package.
- **DUR Task #04** – LED Retrofit, I-88 Mile Post 113.8 to Mile Post 139.1. The task order required the completion of barrier warrant analyses for the design and replacement of a corroded sign truss as well as several new lighting controller boxes for the proposed LED lighting upgrade.
- **DUR Task #08** – South Tri-State Pavement Preservation and Rehabilitation; Roadside Safety Repairs by Infrastructure Engineering, Inc. for Contract RR-13-5681. The project involved pavement preservation and rehabilitation, roadside safety repairs and lighting upgrades and LED retrofit from I-294 Milepost 0.0 to Milepost 17.6. The southbound I-294 ramp to the westbound I-80 was evaluated for rehabilitation and reconstruction. The task order scope involved data collection and inspections of pavement, lighting and roadside safety, pickup survey, barrier warrant analysis, maintenance of traffic, preparation of plans and specifications and estimation of cost for the proposed rehabilitation and upgrades.
- **DUR Task #09** – South Tri-State Structural Repair and Preservation by Infrastructure Engineering, Inc. for Contract RR-13-5681. The project involved visual field inspection, technical memorandum and repair drawings preparation for the 37 bridges from I-294 Milepost 0.0 to Milepost 17.6. Inspection and repair drawings were prepared for five (5) additional structures. The task order scope included maintenance of traffic, specifications and estimation of cost for the proposed Repair and Preservation.

**Tri-State Tollway Design Upon Request, Illinois Tollway Contract I-19-4498** – Lead utility coordinator for IEI's design work of several task orders. The overall scope involves various supplemental tasks to mainline contracts for reconstruction of the Central Tri-State Tollway improvements from 95th Street (milepost 17.5) in the Village of Bridgeview to Balmoral Avenue (milepost 40.0) in the Village of Rosemont. The portion of the highway will be widened to added lanes, wider shoulders, and safety. The total construction cost of tasks is \$45 million. The task assignments include:

- **Ogden Avenue Parclo and Bridge Work:** The scope of work includes rehabilitation of the Ogden Avenue over Tri-State Tollway (I-294), pavement widening for auxiliary lane from WB Ogden Avenue to NB I-294, removal of existing non-reinforced raised median and replacement with reinforced approach slab for Ogden Avenue bridge, new traffic signal with interconnection to Ogden Avenue signal system, partial reconstruction for reconfiguration of Ogden Avenue Interchange, HMA overlay of ramps, noise abatement wall, drainage improvements, roadway lighting, guardrail and other miscellaneous required work.
- **Composite Pavement Overlay I-294 - 95th to I-55:** This task involves design and plans preparation for HMA overlay on Portland cement concrete pavement from 95th Street to I-55 in accordance with Illinois Tollway guidelines and standards.
- **Tri-state Tollway (I-294) drainage and landscape improvements and concrete cleaning and staining Mannheim Road to Balmoral Avenue:** The scope involves design and improvement plans preparation for grading and drainage, right of way fence, guardrail, staining concrete structures, driveway pavement, asphalt surface removal, crash wall construction, drainage cleaning and televising, landscaping, and maintenance of traffic.
- **Advance Pavement Rehabilitation, Tri-state Tollway (I-294) from BNSF Railway to Ogden Avenue:** The scope includes preparation of contract plans, specifications, and estimates for the proposed improvements, pickup survey, drainage improvements on shoulders, guardrail and barrier warrant analysis, and coordination with mainline design section engineers.



Jimmy Noland  
Field Technician

#### EDUCATION:

High School Diploma  
Royal Palm Beach H.S.  
Royal Palm Beach, FL (2006)

#### CERTIFICATIONS:

IDOT, BLRS – Flagger  
Safety, Serial #4983140  
Documentation of Contract  
Quantities: #24-22498  
Remote Pilot Certification:  
#4819137

#### EXPERTISE:

e-Builder  
Trimble Access  
ESRI ArcGIS  
ESRI App Suite  
MH Corbin Highway Data  
Management (HDM)  
Miovision Datalink and Traffic  
Data Online  
Diamond Centurion Tube  
HDM Counter Software  
Microsoft Excel  
Microsoft Access  
Microsoft Word

Jimmy Noland is a Field Technician with experience in setting up and operating survey equipment such as the Trimble S3 and SX10 as well as the R10 GPS. He is also CTA safety certified. He also has experience in construction inspection and is in the process of getting documentation certification.

#### PROJECT EXPERIENCE:

**Illinois Tollway, Project No. RR-22-9244 Weigh-In-Motion Installation I-88 Ronald Reagan Memorial Tollway at Mileposts 115.4 and 120.3:** Field inspector providing construction inspection, and documentation support to the team. Performs on-site inspection, reviews layout of contract including design changes prepares and maintains documentation, assists with pay estimates, extra work orders, and change orders preparation.

**Cook County Department of Transportation & Highways, TO# 8 Crack Sealing, Illinois:** Served as a construction inspector on the systemwide crack sealing operation. Responsible for all documentation and material data collection, field surveys on all track locations to help determine the viability of work, and document preexisting conditions. Assisted with the preparation of weekly reports, pay estimates, and extra work orders/ change orders.

**Illinois Tollway, RR-21-9229 Systemwide CUR TO 1, Illinois:** Served as a construction inspector for a guardrail repair and installation project. Responsibilities included construction inspection, and documentation reviewed the layout of the contract including design changes, assisted with pay estimates, extra work orders, and change orders.

**IDOT, PTB 201/47, Field Collection of Traffic Data on Various Routes for Various Counties in Districts 1 & 3, Bureau of Programming, Illinois:** Providing field collection of traffic data at 7392 locations utilizing NC-300 magnetic lane counters, tube counters, and Miovision Scout equipment. His responsibilities include planning weekly routes, traffic counters placement on designated routes, compiling data, and performing preliminary QC.

**IDOT, PTB 193/45, Field Collection of Traffic Data on Various Routes for Various Counties in Districts 1 & 3, Bureau of Programming, Illinois:** Providing field collection of traffic data at 7392 locations utilizing NC-300 magnetic lane counters, tube counters, and Miovision Scout equipment. His responsibilities include planning weekly routes, traffic counters placement on designated routes, compiling data, and performing preliminary QC.



**Kyle Duffy, PE**  
**Roadway Design Engineer**

*Kyle has 11 years of experience as a Project Manager, Project Engineer, Design Engineer, and Assistant Resident Engineer. He has a wide range of experience with preliminary engineering studies, design engineering projects, and construction contracts for various municipalities, counties, and the Illinois Tollway.*



**On-Call Phase II Design Engineering, WO #12 – PPRP North and South, Cook County, IL, Cook County Department of Transportation and Highways**

Project Manager for this work order that involved finalizing the design of eight sets of plans that were previously prepared to approximately the 90% level by others, and preparation of one new set of plans. The new set of plans to be prepared consists of rehabilitation of the segment of Quentin Road between Dundee Road and Lake Cook Road in the Village of Palatine. Responsibilities include oversight of the overall project, as well as delivering project administration and coordination, attending meetings, and QA/QC of all project deliverables.

**On-Call Phase II Design Engineering, WO #22 - ADA Curb Ramp Replacement, Cook County, IL, Cook County Department of Transportation and Highways**

Project Manager for this work order which required desktop reviews of available tax map information and field verifications of over 400 corners throughout Cook County. TranSystems is providing oversight, coordination, and quality reviews for our subconsultants who are preparing the design plans for these ADA improvements. Coordination with the County’s Traffic Signal Division is ongoing to ensure that the ADA designs provided in this contract are cohesive with traffic signal modernization designs being done in-house by the County.

**Randall Road Reconstruction and Widening, McHenry County, IL**

Design Engineer assisting with public outreach and maintenance of traffic plans to complete the controversial Phase I design (by others) and prepare Phase II contract documents. The new design improves the corridor by widening and reconstructing this vital arterial to provide three (3) through lanes in each direction, a fourth outside auxiliary lane within critical segments, improved access, and dual left turn lanes with exclusive right turn lanes at the major signalized intersections. Triple left turn lanes will be used along Algonquin Road to accommodate access to the major shopping centers on all four corners. An extensive public outreach campaign was required with the general public, elected officials, property owners, and business owners to move the project forward.

**Registration**

Professional Engineer, Illinois, #062-068505

**Education**

B.S. in Civil and Environmental Engineering, University of Illinois, 2012

**Training**

- ▶ OSHA 10-Hour Construction Safety

**Years of Experience**

11

**Professional Organizations**

ACEC IL



### **IL 120 Corridor at Gilmer Road, Lake County, IL**

Design Engineer for the study to determine the future northern terminus of Gilmer Road in the Village of Volo. Existing westbound traffic along Illinois Route 120 queues from the U.S. Route 12 intersection into the Gilmer Road intersection. As traffic continues to grow, the problem will increase. The Illinois Route 120 Corridor Feasibility Study evaluated future improvements to the US Route 12 and Illinois Route 60 intersections. Improvements to the US Route 12 intersection may include widening at the signalized intersection or conversion to an interchange. These improvements will necessitate a realignment of Gilmer Road at its northern terminus.

### **East New York Street, Aurora, IL**

Project Engineer for this resurfacing project that was designed using 3R criteria (rehabilitation, restoration, and/or resurfacing) and processed using a State Approved BLR 19100 form. The project included replacement of all curb and gutter, sidewalks, driveways, and curb ramps to be in compliance with ADA criteria. Water main and lead service line replacement plans were developed prior to the letting of the 3R project. Plans, specifications, and estimate are included in the scope of services and the project was completed in the fall of 2022.

### **Central Tri-State Design, ISTHA**

Project Engineer for this Phase II project with services consisting of preparation of contract plans, specifications, estimates, and project-related permits for a 3.7-mile-long segment of I-294. This design section is one of the most critical segments to the success of the overall Central Tri-State Corridor improvement, as it is one of the most congested and highly travelled segments on the entire Tollway system. Separate contract plans, specifications and estimates are being prepared for six (6) distinct contract work packages that comprise this design section. These packages include: three (3) mainline contracts; the I-294 over I-55 bridges contract; the I-55 Flyover (Ramp A) contract; and the FCWRD sewer relocation contract. Services include survey, right-of-way verification, plats and legals, geotechnical investigations, subsurface utility engineering (SUE), concept design verification, geometric studies, roadside safety analysis, bridge design, retaining wall design, noise abatement wall design, drainage design, maintenance of traffic design, lighting design, 3D modelling, environmental reviews, permitting, and utility coordination.

### **Bridge Reconstruction, Bypass US Route 20 Bridge over Jane Addams Memorial Tollway, ISTHA**

Project Manager for this project that includes the preparation of contract plans and specifications for the proposed reconstruction of Bypass US Route 20 bridges over the Jane Addams Memorial Tollway (I-90) in Boone County, Illinois. Services are being provided by TranSystems as a subconsultant to Rubinos & Mesia Engineers, Inc. These services include environmental studies, coordination with IDOT District 2, INVEST, and preparation of a project development report in compliance with standards for federal funding eligibility. The construction of this project is being led by the Illinois Tollway in a partnership with IDOT.



## Roark Rogers, PLS Survey Manager/ Crew Chief

### REGISTRATIONS:

Professional Land Surveyor  
Illinois: #035-003765  
Wisconsin: #2724-008  
Washington: #37537

### EDUCATION:

Bachelor of Science  
Industrial Technology/Survey  
Southern Illinois University  
(2008)

### CERTIFICATIONS:

Railroad Safety Training  
(BNSF, UP, CN, CTA)  
ISO 9001 8-Hr. Internal  
Auditor Training  
OSHA 40-Hr. (HAZWOPER  
w/annual update)

### EXPERTISE:

Survey Management  
Project Management  
Quality Assurance

### AFFILIATIONS:

Illinois Professional Land  
Surveying Association  
(IPLSA)  
National Society of  
Professional Surveyors  
(NSPS)

Roark Rogers is a Professional Land Surveyor with more than 25 years of experience in all phases of land surveying operations, including direction of crews, research, fieldwork, construction control and staking, boundary analysis, legal descriptions, and completion of final plats and documentation. Roark has supported numerous ALTA/NSPS Land Title Surveys, boundary surveys, and route surveys and directed quality assurance (QA) / quality control (QC) project reviews for land development and route acquisitions with consultant teams contracted to many municipalities and other agencies, including the DuPage County Division of Transportation, DuPage County Division of Storm Water Management, Illinois Tollway, Illinois Department of Transportation (IDOT), Cook County Department of Transportation and Highways (CCDOH), and Chicago Department of Transportation (CDOT). He is experienced with the latest data collection platforms, including scanning, GPS, robotic total station, and survey instrumentation.

### PROJECT EXPERIENCE:

**CCDOH, 1628-15166 C Construction Management Services, Various:** Survey Manager was responsible for contract documents including plans, specifications, and estimates with supporting engineering analysis for various projects throughout Cook County. The scope of services included intersection design, traffic signal design, small roadway segments/roadway corridors, structures, and design of drainage/flooding solutions; completion of ongoing plans, specifications, and estimates; updating County standard details and specifications; identification and preparation of grant applications for project funding; and various project permitting (IDOT, Metropolitan Water Reclamation District [MWRD], Army Corps of Engineers [ACE], Forest Preserve of Cook County [FPCC], Illinois Environmental Protection Agency [IEPA], Ill. Dept. of Natural Resources [IDNR], Federal Emergency Management Agency [FEMA], U.S. Fish and Wildlife [USFW], etc.). WO12 Pavement Preservation and Rehabilitation Program (PPRP) North and South Survey areas for ADA compliance. WO17 Pavement Preservation and Rehabilitation Program (PPRP) North and South Survey areas for Drainage Structures. WO22 ROW verification.

**CCDOH, Roselle Road and Hartford Drive Intersection, Schaumburg, Illinois:** Survey Manager was responsible for various Phase II engineering services. Services included topographic survey, traffic data collection, and coordination with Chicago Metropolitan Agency for Planning (CMAP). Also provided Intersection Capacity Analyses for existing and future traffic data and developed Alternate Geometric Studies for proposed safety-related improvements. These improvements include signal equipment, pavement marking, signage, and ADA-compliant ramps.

**CCDOH, 1655-15826 Construction Management Services, Various, Illinois:** Survey Manager was responsible for Phase II engineering services on various Job Order Contracting (JOC) projects along a Cook County-owned network of roadways. Responsibilities included providing a quick turnaround of design plans, specifications, and cost estimates for various roadway maintenance and drainage improvement projects.

**IDOT, Various Counties:** Survey Crew Chief/Project Manager on two contracts oversaw various work orders for various locations through support for CAD, Field, QA/QC, and project schedule and budget. Senior Surveyor for plats and legal



Roark Rogers, PLS  
Director of Survey

descriptions for Land Acquisitions, including 1) Project included map location, control, & coordinates; legal descriptions on Parcel takes; and Easements. 2) Coordinated safety measures for survey crews on IDOT ROW, 3) Established control in Illinois State Plane East NAD83 datum, 4) Directed & operated field surveys with GPS and Total station, 5) Processed data and responsible for review and submittal of deliverables to the client for the following:

- District 1: DuPage County, IL 59 at IL 38 Survey
- District 1: Cook Co., Higgins Road at Martingale Road Survey
- District 1: DuPage County, US 34 at Columbia Avenue Survey
- District 2: Ogle County, Topography for 4000+ feet of ROW in Rochelle, IL
- District 2: Lee County, Tree survey along 2.5 miles of IL 26

**City of Chicago Department of Aviation, O'Hare International Airport Rental Car JUF Off-Site Rental Car Service Center Sites Project, Illinois:** Survey Manager provided a survey for stormwater improvement plans for a 66-acre site, enclosed by Bessie Coleman Drive on the west side, I-190 on the south side, Manheim Road on the east side, and new Coffey Road on the north side. The proposed site is a tributary to Higgins Creek via a box culvert under Manheim Road. This site is within the limits of the O'Hare Modernization Program Stormwater Plan and the ATS Extension Project. Proposed improvements include new storm sewers, connecting to an existing trunk sewer, control structures, and a new additional bio-infiltration basin. Responsibilities entailed providing Surveying Services for the 66-acre site, including site survey, controls and elevations, construction verification, and end-of-project as-built topography. Directed field surveys with GPS and Total Station, supervised survey crews performing existing conditions and construction inspection surveys for topographic data for basin B along Lot E parking lot, ditch lines, outfall structures, and all existing topographic elements. Also, coordinated safety measures for survey crews, established control in Illinois State Plane East NAD83 datum (1997), map location, control, coordinates and elevations, and contours, processed data, and was responsible for review and submittal of deliverables to the client.

**Chicago Department of Aviation, Midway Airport Parking Garage Expansion, Illinois:** Lead Surveyor/QAQC Manager/Field Technician provided topographic and boundary survey coordination and supervision of survey crews for proposed airport parking expansion construction, coordinated safety measures for survey crews, processed data, and was responsible for the review, implementation of QA/QC procedures, submittal and coordination of deliverables to the client, construction supervision to ensure adherence to contract documents and documentation of contract quantities.

**MWRDGC, Stormwater Master Plan Preliminary Engineering, Cook and DuPage County, Illinois:** Project Surveyor supported Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) for projects in the following two areas:

- Melvina Ditch Reservoir and Bedford Park Reservoir Expansion Preliminary Engineering in the following areas: South from West 73<sup>rd</sup> Street to West 95<sup>th</sup> Street and East from Harlem Avenue to Melvina Avenue: The project consisted of reservoir topographic location and main storm sewers detail, overflow topographic locations and ditch cross sections at Nashville Avenue, south of 95<sup>th</sup> Street. The scope of work and the site conditions required the use of the latest survey equipment such as GPS Receivers and Robotic Total Stations.
- South from 65<sup>th</sup> Street to 111<sup>th</sup> Street and East from Oak Park Avenue to LaGrange Road including Lucas Ditch and Lucas Diversion Ditch. Provided stream surveys within the length of the project, including cross-sections at various critical points of the streams. Located profiles of roads adjacent to the streams also the main storm sewers including Roberts Road, overflow topographic locations, and golf course detention areas all flowing toward Stone Creek. The scope of work and the site conditions require the use of the latest survey equipment such as GPS Receivers and Robotic Total Stations.



Joseph Mack,  
Survey Technician

Joseph Mack is a Survey Crew Chief with more than 21 years of experience in all phases of land surveying operations, including direction of crews, research, fieldwork, construction control, and staking. Joseph is also experienced with the latest data collection platforms, robotics, scanning, and survey instrumentation.

#### PROJECT EXPERIENCE:

**CCDOTH, Contract No: 1628-15166 C - Cook County Department of Transportation and Highways, Construction Management Services – Various:** Survey Crew Chief responsible for contract documents including plans, specifications, and estimates with supporting engineering analysis for various projects throughout Cook County. The scope of services may include, intersection design, traffic signal design, small roadway segments/roadway corridors, structures, and design of drainage/flooding solutions; completion of ongoing plans, specifications, and estimates; updating County standard details and specifications; identification and preparation of grant applications for project funding; and various project permitting (Ill. Dept. of Trans. (IDOT), Metropolitan Water Reclamation District (MWRD), Army Corps of Engineers (ACOE), Forest Preserve of Cook County (FPCC), Illinois Environmental Protection Agency (IEPA), Ill. Dept. of Natural Resources (IDNR), Federal Emergency Management Agency (FEMA), U.S. Fish and Wildlife (USFW), etc.). WO12 Pavement Preservation and Rehabilitation Program (PPRP) North and South Survey areas for ADA compliance. WO17 Pavement Preservation and Rehabilitation Program (PPRP) North and South Survey areas for Drainage Structures.

**CCDOTH, Roselle Road and Hartford Drive Intersection, Schaumburg, Cook County, Illinois:** Survey Crew Chief was responsible for various phase II engineering services. Services included: topographic survey, traffic data collection, and coordination with the Chicago Metropolitan Agency for Planning (CMAP). Also provided Intersection Capacity Analyses for existing and future traffic data and developed Alternate Geometric Studies for proposed safety-related improvements. These improvements include signal equipment, pavement marking, signage, and ADA-compliant ramps.

**CCDOTH, Contract No. 1655-15826 - Cook County Department of Transportation and Highways, Construction Management Services – Various:** Survey Crew Chief was responsible for Phase II engineering services on various Job Order Contracting (JOC) projects along Cook County-owned network of roadways. Responsibilities included providing a quick turnaround of design plans, specifications, and cost estimates for various roadway maintenance and drainage improvement projects.

**IDOT, PTB 188-15 D-91-277-18 Various Land Survey Projects Region One, District One, Illinois:** Survey Crew chief as a subconsultant to Mackie Consultants projects; **Work order one.** Atlas provided professional survey work to complete the Plat of Highways at IL Route 56 and IL Route 53. Survey work completed was as follows: 23 permanent Right-of-Way and Temporary Easement takes, topography, boundary analysis of 16 property index numbers, Right-of-Way analysis, 23 legal descriptions, drafting the Plat of highways (including control monument sheets), parcel area and closure reports and setting proposed Right of Way corners. **Work Order Five.** Atlas coordinated with others to break down existing Sections and clarify the I-80 corridor in District 1.

**IDOT, US 45 (LaGrange Road) under Metra and N & S Railroad, 131st Street to 179th Street, District 1, Orland Park, Illinois:** Survey Crew Chief provided traffic signals, light pole foundation grades, and locations when information was not provided in the construction plans. MicroStation was used in cutting cross-sections for earthwork quantities. This project entailed Phase III construction inspection and surveying services for US 45 (LaGrange Road) under Metra & N&S RR, 131st St. to 179th St. The project included a Railroad Bridge Contract, replacing a one-span bridge with a two-span steel bridge accommodating two tracks and widening and reconstruction of US 45. The contract involved the realignment of the Metra

#### EDUCATION:

Construction & Engineering Studies  
Moraine Valley Community College (1992)

#### CERTIFICATIONS:

Railroad Safety Training  
BNSF (Burlington, Northern, and Santa Fe)  
UP (Union Pacific)  
CN (Canadian National)  
Metra

#### EXPERTISE:

Trimble SX10 Scanning Total Station/TSC7  
Trimble Business Center (TBC)  
Trimble R10/TSC3  
Trimble S5/TSC3  
MicroStation

#### AFFILIATIONS:

Local 130 Technical Engineer (1996-2000)



Joseph Mack,  
Survey Technician

Southwest Service Line onto the new railroad bridge along with the relocation of the commuter platform at 143rd Street. A quality assurance survey was performed to check the contractor's construction layout, subgrade, and top-of-capping checks to ensure proper yields. Cross sections were performed before construction and then as-builts were prepared after construction for earthwork calculations. The project entailed redesigning several intersection grading plans to improve a smoother transition and better drainage.

**Peoples Gas, Nicor, Com Ed Topographic Surveying Projects, Chicago, Illinois:** Survey Crew Chief responsible for providing full right-of-way topographic survey data collection along various Chicagoland streets. The survey data collected is used by gas and telecommunication entities for conduit design and/or replacement along the various routes. The topographic surveys are completed within the requested periods with daily data uploads. Assists with this control using GPS and collects full right-of-way topo along the designated routes which include all above-ground utilities, utility locate paint marking, building lines, curbs, traffic sensors, bus pads, concrete/asphalt seams, sidewalk, ADA ramps, poles, and trees. Pole heights, types, sizes, and lean are also documented, and photographs of the project limits are taken.

**Nicor Gas (EN Engineering), TO6 Nicor Gas -12" Main Install, Illinois:** Survey Crew Chief duties and field work to confirm existing field conditions, utilities, right of ways, and establish existing grade for proposed Nicor Gas main relocation project along 200 linear feet of Fullerton Ave. in Cook County, Illinois. The scope of work needed for this project included: a topographic and boundary survey including a Level B SUE study.

**Nicor Gas, Vault Area Survey, Illinois:** This project replaced an existing gas vault in Justice, IL. The project location is the northeast intersection of Oak Grove Avenue and I-294 Frontage Road. A Level B SUE Study was conducted to map all lines within the project area and extend approximately 20' past ROW lines or to the nearest obstruction. Lines to be mapped include gas mains, liquid lines, sewer/sanitary mains, electrical conduit, telecommunication lines, etc. All above-ground obstructions within the project area should be GPS located including, but not limited to, utility poles, corner foundations of electrical towers, fire hydrants, valve boxes, pedestals, storm inlets, manholes, fences, culverts, ditches, curbs, sidewalks, and trees. Subsurface utilities are to be depicted by Quality Level B as defined in CI/ASCE 38-02 "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data".

**City of Chicago Department of Aviation, O'Hare International Airport, Rental Car Joint Use Facility (JUF) Off-Site Rental Car Service Center Sites Project, Illinois:** Survey Crew Chief. This project involves proposed stormwater improvement plans for a 66-acre site, enclosed by Bessie Coleman Drive on the west side, I-190 on the south side, Manheim Road on the east side, and new Coffey Road on the north side. The proposed site is a tributary to Higgins Creek via a box culvert under Manheim Road. This site is within the limits of the O'Hare Modernization Program Storm Water Plan and the ATS Extension Project. Proposed improvements include new storm sewers, connecting to an existing trunk sewer, control structures, and a new additional bio-infiltration basin. Responsibilities also include providing Surveying Services for the 66-acre site, including site survey, controls and elevations, construction verification, and end-of-project as-built topography. Direct field surveys with GPS and Total Station, supervise survey crews performing existing conditions and construction inspection surveys for topographic data for basin B along Lot E parking lot, ditch lines, outfall structures, and all existing topographic elements. Also, coordinated safety measures for survey crews established control in Illinois State Plane East NAD83 datum (1997), mapped location, control, coordinates and elevations, and contours, processed data, and was responsible for review and submittal of deliverables to the client.

**Illinois Tollway PSB-19-3 / I-20-4533 I-294 Roadway and Bridge Widening and Reconstruction (M.P 32.4 to M.P.33.5), Illinois:** Survey Crew Chief responsible for Phase III construction engineering services. Responsible for survey quality assurance and assignments by resident engineer. Verify subgrade, top of capping, HMA, and PCC pavement where proper yields are achieved. Removal of the existing two bridges over Union Pacific and Metra tracks with two new bridges to accommodate the widening of I-294 northbound and southbound. The project consists of new PCC pavement, MSE walls, drainage, barrier walls, noise walls, lighting, overhead signage, and ITS systems. Responsible for horizontal and vertical survey control, the cross-section of existing conditions, and as built of final conditions.

**Dan Ryan Reconstruction 71st Street to I-57 and Halsted Street, Illinois:** Survey Crew Chief assisted with reconstructing southbound lanes and adding new lanes, 3 miles of new retaining walls, reconstruction of the 76th Street bridge, high mast towers, new storm sewer drainage system and improvement of the frontage roads. His duties included quality assurance of the contractor's construction layout, subgrade checks, as-built cross-sectioning, and as-built drainage structures.

## EXHIBIT 4 Schedule of Compensation

The following overhead rates will be permanent for the contract base years. Updated overhead rates may be considered for extensions. Consultant must submit a request in writing to the Department of Transportation and Highways for consideration.

Infrastructure Engineering, Inc. – 151.20%  
APS Consulting, Inc. – 91.92%  
Atlas Engineering Group – 164.00%  
Interra, Inc. – 132.67%  
Transland Engineering Group, LLC – 107.83%  
TranSystems Corporation – Field Rate 118.21% Home Rate 134.03%

### **Wage Rates:**

All billable wages shall be actual, not to exceed \$90.00 / Hour.

### **No Retainage will be withheld.**

**Monthly Invoicing:** The consultant must submit original invoices on a monthly basis to the Department to apply against the contract (PO). Consultant must support each invoice with reasonable detail including subconsultant costs. Consultant must maintain complete documentation of all costs incurred for review and audit by the County or its designated representative(s). Consultant must submit each invoice in the format directed by the Department with progress report identifying any variances from budget or schedule and explaining the reasons for such variances.

**Method of Payment:** Cost Plus Fixed Fee (CPFF) method of compensation based on BLR 5514.

**CPFF formula:** Compensation = DL+DC+OH+FF

### **Where Fixed Fee (FF):**

For Prime Agreements is:  $(0.33 + R) DL + \%DL = FF$   
 $\%DL = 10\%$  of Direct Labor (DL) of Subs

For Sub-Consultants  
 $(0.33 + R)DL$

Note: The Total Fixed Fee cannot exceed 15% of DL + OH unless expressly stated in the advertisement. For Prime Consultants, the Total Fixed Fee includes the Subconsultant %DL.

### **Where:**

R= Complexity Factor: 0  
DL = Direct Labor  
DC= Direct Cost  
OH= Overhead Rate

### **Escalation Rate:**

The percentage used to project the consultant's current hourly rate throughout the life of the contract to account for future raises will be 3% per year, effective January 1 of each year.





Construction Management Services Various-Variou (Task Orders) Contract

Department of Transportation and Highways

Company: Atlas Engineering Group, Ltd.

Contract # 2316-05022 D

\$90 Cap on Max Rate

Average and Maximum Hourly Rates by Classification

Labor Classification	Calendar Year 2025		Calendar Year 2026		Calendar Year 2027		Calendar Year 2028		Calendar Year 2029		Calendar Year 2030	
	Avg. Rate	Max. Rate	Avg. Rate	Max. Rate	Avg. Rate	Max. Rate	Avg. Rate	Max. Rate	Avg. Rate	Max. Rate	Avg. Rate	Max. Rate
Principal	\$86.00	\$90.00	\$88.58	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
Construction Management Director	\$86.00	\$90.00	\$88.58	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
Survey Director	\$71.07	\$74.00	\$73.20	\$76.22	\$75.40	\$78.51	\$77.66	\$80.86	\$79.99	\$83.29	\$82.39	\$85.79
Construction Manager	\$70.04	\$73.00	\$72.14	\$75.19	\$74.31	\$77.45	\$76.53	\$79.77	\$78.83	\$82.16	\$81.20	\$84.63
Senior Project Manager	\$80.99	\$83.00	\$83.42	\$85.49	\$85.92	\$88.05	\$88.50	\$90.00	\$90.00	\$90.00	\$90.00	\$90.00
Project Manager	\$78.97	\$81.00	\$81.34	\$83.43	\$83.78	\$85.93	\$86.29	\$88.51	\$88.88	\$90.00	\$90.00	\$90.00
Field Engineer V	\$79.83	\$82.00	\$82.22	\$84.46	\$84.69	\$86.99	\$87.23	\$89.60	\$89.84	\$90.00	\$90.00	\$90.00
Field Engineer IV	\$65.92	\$68.00	\$67.90	\$70.04	\$69.93	\$72.14	\$72.03	\$74.31	\$74.19	\$76.53	\$76.42	\$78.83
Field Engineer III	\$54.91	\$58.00	\$56.56	\$59.74	\$58.25	\$61.53	\$60.00	\$63.38	\$61.80	\$65.28	\$63.65	\$67.24
Field Engineer II	\$43.60	\$46.00	\$44.91	\$47.38	\$46.26	\$48.80	\$47.64	\$50.27	\$49.07	\$51.77	\$50.54	\$53.33
Field Engineer I	\$41.20	\$44.00	\$42.44	\$45.32	\$43.71	\$46.68	\$45.02	\$48.08	\$46.37	\$49.52	\$47.76	\$51.01
Engineer Technician III	\$59.23	\$61.00	\$61.00	\$62.83	\$62.83	\$64.71	\$64.72	\$66.66	\$66.66	\$68.66	\$68.66	\$70.72
Engineer Technician II	\$42.23	\$44.50	\$43.50	\$45.84	\$44.80	\$47.21	\$46.15	\$48.63	\$47.53	\$50.09	\$48.96	\$51.59
Engineer Technician I	\$27.81	\$32.00	\$28.64	\$32.96	\$29.50	\$33.95	\$30.39	\$34.97	\$31.30	\$36.02	\$32.24	\$37.10
Field Technician IV	\$59.23	\$61.00	\$61.00	\$62.83	\$62.83	\$64.71	\$64.72	\$66.66	\$66.66	\$68.66	\$68.66	\$70.72
Field Technician III	\$46.87	\$49.00	\$48.27	\$50.47	\$49.72	\$51.98	\$51.21	\$53.54	\$52.75	\$55.15	\$54.33	\$56.80
Field Technician II	\$42.23	\$45.00	\$43.50	\$46.35	\$44.80	\$47.74	\$46.15	\$49.17	\$47.53	\$50.65	\$48.96	\$52.17
Field Technician I	\$33.99	\$36.00	\$35.01	\$37.08	\$36.06	\$38.19	\$37.14	\$39.34	\$38.26	\$40.52	\$39.40	\$41.73
Survey Chief	\$58.71	\$63.00	\$60.47	\$64.89	\$62.29	\$66.84	\$64.15	\$68.84	\$66.08	\$70.91	\$68.06	\$73.03
Surveyor	\$39.40	\$44.00	\$40.58	\$45.32	\$41.80	\$46.68	\$43.05	\$48.08	\$44.34	\$49.52	\$45.67	\$51.01
Senior CADD Technician	\$42.75	\$45.00	\$44.03	\$46.35	\$45.35	\$47.74	\$46.71	\$49.17	\$48.11	\$50.65	\$49.55	\$52.17
CADD Technician	\$35.54	\$38.00	\$36.60	\$39.14	\$37.70	\$40.31	\$38.83	\$41.52	\$39.99	\$42.77	\$41.19	\$44.05
Intern	\$22.66	\$25.00	\$23.34	\$25.75	\$24.04	\$26.52	\$24.76	\$27.32	\$25.50	\$28.14	\$26.27	\$28.98

Escalation Rate: The percentage used to project the consultant's current hourly rate throughout the life of the contract to account for future raises will be 3% per year, effective January 1 of each year.









# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 23, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Michael Sutton  
INFRASTRUCTURE ENGINEERING, INC.  
One South Wacker Drive  
2650  
Chicago, IL 60606

Dear Michael Sutton,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2022. Your firm's total annual transportation fee capacity will be \$28,800,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 151.20% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2023. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

## SEFC PREQUALIFICATIONS FOR INFRASTRUCTURE ENGINEERING, INC.

CATEGORY	STATUS
Structures - Highway: Complex	A
Structures - Highway: Advanced Typical	X
Highways - Roads and Streets	X
Location Design Studies - New Construction/Major Reconstruction	X
Special Studies - Feasibility	X
Location Design Studies - Rehabilitation	X
Special Services - Sanitary	X
Special Services - Construction Inspection	X
Structures - Highway: Typical	X
Structures - Highway: Simple	X
Special Plans - Traffic Signals	X
Special Studies - Traffic Studies	X
Highways - Freeways	X
Special Studies - Safety	X
Location Design Studies - Reconstruction/Major Rehabilitation	X
Hydraulic Reports - Waterways: Typical	X
Special Studies- Location Drainage	X
Hydraulic Reports - Waterways: Complex	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST

## Engineering Prequalification and Agreement System

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- [EPAS Home](#)
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- [Reports](#)
- [User Administration](#)
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### INFRASTRUCTURE ENGINEERING, INC.

Welcome to the Illinois Department of Transportation Consultant Engineering Prequalification and Agreement System (EPAS). All firms that desire to be prequalified with IDOT must submit via the SEFC Application. All firms that desire to be considered for the Professional Transportation Bulletin Items must submit Statements of Interest through the SOI Application. The required data has not changed for prequalification or Statements of Interest. All Prequalification and Statements of Interest are paperless.

### SEFC Applications

App Id	Date Submitted	Fiscal Year Ending Date	Type	Overhead %	Status	Category/Comments	Additional Info	Approval Letter
<a href="#">SEFC ID : 11702</a>	09/17/2024	12/31/2023	RenewSEFC	145.29	RANKING_COMPLETE	<a href="#">View</a>	<a href="#">View</a>	
<a href="#">SEFC ID : 11359</a>	02/01/2024	12/31/2022	AmendSEFC	151.20	APPROVED	<a href="#">View</a>	<a href="#">View</a>	<input type="button" value="Approval Letter"/>



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

August 7, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Shakti Joshi  
APS CONSULTING, INC.  
5519 N. Cumberland Ave., Suite 1011  
Chicago, IL 60656

Dear Shakti Joshi,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2023. Your firm's total annual transportation fee capacity will be \$4,800,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 91.92% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2024. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

## SEFC PREQUALIFICATIONS FOR APS CONSULTING, INC.

CATEGORY	STATUS
Highways - Freeways	X
Highways - Roads and Streets	X
Special Services - Construction Inspection	X
Airports - Design	A
Special Studies- Location Drainage	X
Hydraulic Reports - Waterways: Typical	X
Location Design Studies - Rehabilitation	A

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

December 4, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Natalia Homedi  
ATLAS ENGINEERING GROUP  
710 Estate Drive  
Deerfield, IL 60015

Dear Natalia Homedi,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2023. Your firm's total annual transportation fee capacity will be \$20,000,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 164.00% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2024. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

## SEFC PREQUALIFICATIONS FOR ATLAS ENGINEERING GROUP

CATEGORY	STATUS
Structures - Highway: Complex	X
Structures - Moveable	X
Airports - Design	X
Special Plans - Traffic Signals	X
Special Studies - Traffic Studies	X
Special Services - Construction Inspection	X
Hydraulic Reports - Waterways: Typical	X
Special Studies- Location Drainage	X
Hydraulic Reports - Waterways: Complex	X
Hydraulic Reports - Pump Stations	X
Location Design Studies - Reconstruction/Major Rehabilitation	X
Special Studies - Safety	X
Location Design Studies - Rehabilitation	X
Highways - Roads and Streets	X
Highways - Freeways	X
Special Services - Surveying	X
Structures - Highway: Simple	X
Location Design Studies - New Construction/Major Reconstruction	X
Structures - Railroad	X
Structures - Highway: Typical	X
Airports - Construction Inspection	X
Transportation Studies - Railway Engineering	X
Structures - Highway: Advanced Typical	X
Special Services - Subsurface Utility Engineering	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 11, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Sudhakar Rao Doppalapudi  
INTERRA, Inc.  
600 Territorial Drive  
Suite G  
Bolingbrook, IL 60440

Dear Sudhakar Rao Doppalapudi,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Jun 30, 2023. Your firm's total annual transportation fee capacity will be \$9,000,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 132.67% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until June 30, 2024. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

**SEFC PREQUALIFICATIONS FOR INTERRA, Inc.**

<b>CATEGORY</b>	<b>STATUS</b>
Special Services - Construction Inspection	X
Geotechnical Services - General Geotechnical Services	X
Geotechnical Services - Structure Geotechnical Reports (SGR)	X
Geotechnical Services - Subsurface Explorations	X
Special Services - Quality Assurance PCC & Aggregate	X
Special Services - Quality Assurance HMA & Aggregate	X
Airports - Construction Inspection	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

August 8, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Yvonne Owusu-Safo  
TransLand Engineering Group, LLC  
2300 Cabot Drive  
Suite 375  
Lisle, IL 60532

Dear Yvonne Owusu-Safo,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2023. Your firm's total annual transportation fee capacity will be \$2,400,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 107.83% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2024. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

**SEFC PREQUALIFICATIONS FOR TransLand Engineering Group, LLC**

<b>CATEGORY</b>	<b>STATUS</b>
Special Services - Construction Inspection	X
Highways - Roads and Streets	X
Location Design Studies - Rehabilitation	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 9, 2024

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

John Fortmann  
TRANSYSTEMS CORPORATION  
1475 East Woodfield Road  
Suite 600  
Schaumburg, IL 60173

Dear John Fortmann,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2023. Your firm's total annual transportation fee capacity will be \$132,800,000.

Your firm's Field rate of 118.21% and Home rate of 134.03% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2024. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,  
Jack Elston, P.E.  
Bureau Chief  
Bureau of Design and Environment

## SEFC PREQUALIFICATIONS FOR TRANSYSTEMS CORPORATION

CATEGORY	STATUS
Special Studies - Signal Coordination & Timing (SCAT)	X
Hydraulic Reports - Waterways: Typical	X
Special Studies- Location Drainage	X
Structures - Highway: Advanced Typical	X
Transportation Studies - Mass Transit	X
Special Services - Electrical Engineering	X
Special Services - Mechanical	X
Highways - Freeways	X
Structures - Highway: Simple	X
Location Design Studies - Rehabilitation	X
Hydraulic Reports - Pump Stations	X
Special Services - Architecture	X
Location Design Studies - Reconstruction/Major Rehabilitation	X
Structures - Highway: Complex	X
Environmental Reports - Environmental Assessment	X
Transportation Studies - Railway Engineering	X
Special Studies - Traffic Studies	X
Transportation Studies - Railway Planning	X
Structures - Moveable	X
Special Plans - Lighting: Typical	X
Hydraulic Reports - Waterways: Complex	X
Special Services - Project Controls	X
Special Services - Public Involvement	X
Structures - Highway: Typical	X
Location Design Studies - New Construction/Major Reconstruction	X
Special Services - Landscape Architecture	X
Special Studies - Safety	X
Special Services - Construction Inspection	X
Special Studies - Feasibility	X
Special Plans - Traffic Signals	X
Highways - Roads and Streets	X

Structures - Railroad	X
Environmental Reports - Environmental Impact Statement	X
Structures: Major River Bridges	X
Special Services - Surveying	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST

## EXHIBIT 5

### Minority and Women Owned Business Enterprise Commitment



Date: January 2, 2025

TO: Raffi Sarrafian, Chief Procurement Officer  
 Office of the Chief Procurement Officer

FROM: *JEANETTA CARDINE*  
 Jeanetta Cardine, Deputy Director  
 Compliance Center of Excellence  
 Center of Business Enterprise Development

RE: Contract No. 2316-05022D  
 Construction Management Services Various (Task Orders)  
 Department of Transportation and Highways

The Center of Business Enterprise Development is in receipt of the above-referenced contract and has reviewed this contract for compliance with the Minority- and Women- owned Business Enterprises (MBE/WBE) Ordinance. After careful review of our records as reported by the vendor, it has been determined the vendor is in compliance with the MBE/WBE Ordinance.

Contractor: Infrastructure Engineering, Inc.  
 Original Contract Value: \$8,000,000.00  
 Original Contract Term: 4/15/2025 – 4/14/2030  
 RFQ: Professional Services  
 Participation Goal: 35% MBE/WBE Direct Participation

**MBE/WBE Utilization Original Contract (\$8,000,000.00)**

<b>MBE/WBE</b>	<b>Status</b>	<b>Certifying Agency</b>	<b>Commitment Direct</b>
Infrastructure Engineering, Inc.	MBE-AA-M	Cook County	52%
APS Consulting, Inc.	MBE-AAPI-M	City of Chicago	9%
Atlas Engineering Group	WBE-C-F	City of Chicago	11%
Interra, Inc.	MBE-AAPI-M	City of Chicago	7%
Transland Eng Group LLC	MBE-AA-F	Cook County	11%
<b>Total</b>			<b>90%</b>



**COOK COUNTY**  
OFFICE OF THE  
**Chief Procurement  
Officer**

The Center of Business Enterprise Development has been advised by the Requesting Department that this contract is one of four contracts to be awarded via this RFQ solicitation. Revised MBE/ WBE forms were used in the determination of the responsiveness of this contract.

JC/db/mk

CC: Lillian Lee, (OCPO)  
Cho Ng (DOTH)  
Nathan Roseberry (DOTH)  
Pui Szeto (DOTH)

**MBE/WBE UTILIZATION PLAN - FORM 1**

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entities listed in the General Conditions – Section 19.

**I. BIDDER/PROPOSER MBE/WBE STATUS:** (check the appropriate line)

Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of current Letter of Certification)

Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at [www.cookcountyil.gov/contractcompliance](http://www.cookcountyil.gov/contractcompliance))

Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II below and the Letter(s) of Intent – Form 2).

II.

Direct Participation of MBE/WBE Firms

Indirect Participation of MBE/WBE Firms

**NOTE: Where goals have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to achieve Direct Participation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to achieve Direct Participation have been exhausted. Only after written documentation of Good Faith Efforts is received will Indirect Participation be considered.**

MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

MBE/WBE Firm: Infrastructure Engineering Inc.

Address: 1 S Wacker Drive, Ste 2650

E-mail: ksmorynski@infrastructure-eng.com

Contact Person: Ken Smorynski Phone: 312-960-1260

Dollar Amount Participation: \$ DUR - 52%

Percent Amount of Participation: 52 %

\*Letter of Intent attached? Yes X No \_\_\_\_\_

\*Current Letter of Certification attached? Yes x No \_\_\_\_\_

MBE/WBE Firm: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Dollar Amount Participation: \$ \_\_\_\_\_

Percent Amount of Participation: \_\_\_\_\_ %

\*Letter of Intent attached? Yes \_\_\_\_\_ No \_\_\_\_\_

\*Current Letter of Certification attached? Yes \_\_\_\_\_ No \_\_\_\_\_

*Attach additional sheets as needed.*

**\* Letter(s) of Intent and current Letters of Certification must be submitted at the time of bid.**

**MBE/WBE UTILIZATION PLAN - FORM 1**

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entities listed in the General Conditions – Section 19.

I. **BIDDER/PROPOSER MBE/WBE STATUS:** (check the appropriate line)

Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of current Letter of Certification)

Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at [www.cookcountyil.gov/contractcompliance](http://www.cookcountyil.gov/contractcompliance))

Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II below and the Letter(s) of Intent – Form 2).

II.  **Direct Participation of MBE/WBE Firms**                       **Indirect Participation of MBE/WBE Firms**

**NOTE: Where goals have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to achieve Direct Participation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to achieve Direct Participation have been exhausted. Only after written documentation of Good Faith Efforts is received will Indirect Participation be considered.**

MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

MBE/WBE Firm: APS Consulting, Inc.  
Address: 5519 N Cumberland Ave., Ste. #1011, Chicago, IL 60656  
E-mail: sjoshi@apsae.com  
Contact Person: Shakti Joshi Phone: 312-324-0336  
Dollar Amount Participation: \$ DUR-9%  
Percent Amount of Participation: 9 %  
\*Letter of Intent attached? Yes X No \_\_\_\_\_  
\*Current Letter of Certification attached? Yes X No \_\_\_\_\_

MBE/WBE Firm: Atlas Engineering Group, Ltd.  
Address: 710 Estate Drive, Deerfield, IL 60015  
E-mail: nhomedi@aegroupltd.com  
Contact Person: Natalia Homedi Phone: 847-753-8020  
Dollar Amount Participation: \$ DUR-11%  
Percent Amount of Participation: 11 %  
\*Letter of Intent attached? Yes X No \_\_\_\_\_  
\*Current Letter of Certification attached? Yes X No \_\_\_\_\_

*Attach additional sheets as needed.*

**\* Letter(s) of Intent and current Letters of Certification must be submitted at the time of bid.**

**MBE/WBE UTILIZATION PLAN - FORM 1**

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entities listed in the General Conditions – Section 19.

I. **BIDDER/PROPOSER MBE/WBE STATUS:** (check the appropriate line)

Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of current Letter of Certification)

Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at [www.cookcountyil.gov/contractcompliance](http://www.cookcountyil.gov/contractcompliance))

Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II below and the Letter(s) of Intent – Form 2).

II.  **Direct Participation of MBE/WBE Firms**                       **Indirect Participation of MBE/WBE Firms**

**NOTE: Where goals have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to achieve Direct Participation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to achieve Direct Participation have been exhausted. Only after written documentation of Good Faith Efforts is received will Indirect Participation be considered.**

MBEs/WBEs that will perform as subcontractors/suppliers/consultants include the following:

MBE/WBE Firm: Interra, Inc.  
Address: 600 Territorial Dr, Ste G, Bolingbrook, IL 60440  
E-mail: dsrao@interraservices.com  
Contact Person: Sudhakar Rao Doppalapudi Phone: 630-754-8700  
Dollar Amount Participation: \$ DUR-7%  
Percent Amount of Participation: 7 %  
\*Letter of Intent attached? Yes X No \_\_\_\_\_  
\*Current Letter of Certification attached? Yes X No \_\_\_\_\_

MBE/WBE Firm: TransLand Engineering Group, LLC  
Address: 2300 Cabot Drive, Lisle, IL 60532  
E-mail: ysafo@translandengineering.com  
Contact Person: Yvonne Owusu-Safo Phone: 331-401-5785  
Dollar Amount Participation: \$ DUR-11%  
Percent Amount of Participation: 11 %  
\*Letter of Intent attached? Yes X No \_\_\_\_\_  
\*Current Letter of Certification attached? Yes X No \_\_\_\_\_

*Attach additional sheets as needed.*

**\* Letter(s) of Intent and current Letters of Certification must be submitted at the time of bid.**

**MBE/WBE LETTER OF INTENT - FORM 2**

M/WBE Firm: Infrastructure Engineering, Inc.

Certifying Agency: Cook County

Contact Person: Ken Smorynski, Vice President, Chicago Operations

Certification Expiration Date: 9/22/2024

Address: 1 S. Wacker Dr., Ste. 2650

Ethnicity: Black/African American

City/State: Chicago, IL Zip: 60606

Bid/Proposal/Contract #: 2316-05022A

Phone: 312-425-9560 Fax: 312-425-9564

FEIN #: 363527342

Email: KSmorynski@infrastructure-eng.com

Participation:  Direct  Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

No  Yes – Please attach explanation. Proposed Subcontractor(s): \_\_\_\_\_

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: *(If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)*

**Construction Engineering**

Indicate the **Dollar Amount**, **Percentage**, and the **Terms of Payment** for the above-described Commodities/ Services: DUR - 52%; PWP

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Ken Smorynski  
Signature (M/WBE)

Ken Smorynski  
Signature (Prime Bidder/Proposer)

**Ken Smorynski**

**Ken Smorynski**

Print Name

Print Name

**Infrastructure Engineering, Inc.**

**Infrastructure Engineering, Inc.**

Firm Name

Firm Name

**8/13/2024**

**8/13/2024**

Date

Date

Subscribed and sworn before me

Subscribed and sworn before me

this 13<sup>TH</sup> day of August, 2024.

this 13<sup>th</sup> day of August, 2024.

Notary Public Siobhan Sutton

Notary Public Siobhan Sutton



SEAL



SEAL

**MBE/WBE LETTER OF INTENT - FORM 2**

M/WBE Firm: APS Consulting, Inc.  
 Contact Person: Shakti S. Joshi  
 Address: 5519 N Cumberland Ave., Suite 1011  
 City/State: Chicago, IL Zip: 60656  
 Phone: (312) 324-0336 Fax: (312) 324-0337  
 Email: sjoshi@apsae.com

Certifying Agency: City of Chicago  
 Certification Expiration Date: 07/01/2025  
 Ethnicity: Asian  
 Bid/Proposal/Contract #: RFQ #2316-05022  
 FEIN #: 20-4223984

Participation:  Direct  Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

No  Yes - Please attach explanation. Proposed Subcontractor(s): \_\_\_\_\_

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: (If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

Construction Inspection Support

Indicate the **Dollar Amount**, **Percentage**, and the **Terms of Payment** for the above-described Commodities/ Services:

DUR - 9%; PWP

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Shakti S. Joshi  
 Signature (M/WBE)  
 Shakti S. Joshi / President  
 Print Name  
APS Consulting, Inc.  
 Firm Name  
August 08, 2024  
 Date

Ken Smorzynski  
 Signature (Prime Bidder/Proposer)  
 Ken Smorzynski, Vice President, Chicago Operations  
 Print Name  
Infrastructure Engineering, Inc.  
 Firm Name  
August 13, 2024  
 Date

Subscribed and sworn before me  
 this 8th day of August, 2024

Notary Public Ana M. Ogden

Subscribed and sworn before me  
 this 13th day of August, 2024

Notary Public Siobhan Sutton





**Cook County MBE/WBE Non-Construction Certification Reciprocal Affidavit**

Firm Name APS Consulting, Inc.

Address 5519 N. Cumberland Ave, Suite 1011 City Chicago

County Cook State IL Zip 60656

Phone (312) 324-0336 Email mkuehl@apsae.com

I Matthew Kuehl, Department Manager  
(Authorized Representative) (Print Title)

of APS Consulting, Inc. do hereby affirm:  
(Name of Firm)

1) APS Consulting, Inc. is a Minority and/or Women Business Enterprise currently certified by the City of Chicago as: [ ] Black- [ ] Hispanic-  Asian- [ ] Woman-owned business.  
(Name of Firm)

2) With respect to APS Consulting, Inc., the personal net worth of the qualifying (51%) individual(s) does not exceed \$2,767,082.23, excluding the individual's ownership interest in the M/WBE firm and the equity of the owner's primary residence, and otherwise meets the requirements of Chapter 34, Article IV of the Cook County Procurement Code. (As per Section 34-263 of the Cook County Procurement Code, an individual's personal net worth includes only his or her own Share of assets held jointly or as community/marital property with the individual's spouse.)  
(Name of Firm)

3) The average annual gross receipts of APS Consulting, Inc. as derived from tax filings over the five most recent years, does not exceed the Small Business Size Standards published by the U.S. Small Business Administration found in Title 13, Code of Federal Regulations, Part 121. (<http://www.sba.gov/content/small-business-size-standards>)  
(Name of Firm)

Upon penalty of perjury, I Matthew Kuehl affirm that, to the best of my knowledge and belief, the information herein is true and accurate.  
(Authorized Representative)

Signature [Signature] Title Department Manager Date 12/26/2024

Subscribed and sworn to before me this 26 day of December, 2024  
(Month) (Year)

[Signature]  
(Notary's Signature)



My Commission Expires 7-16-2027

PLEASE NOTE: This affidavit is good for a period of one year from the date of sworn signature. Any changes to your firm within that year may require a new form.

MBE/WBE LETTER OF INTENT - FORM 2

M/WBE Firm: Atlas Engineering Group, Ltd.

Certifying Agency: City of Chicago

Contact Person: Natalia Homedi, PE

Certification Expiration Date: 02/01/2026

Address: 710 Estate Drive

Ethnicity: Caucasian

City/State: Deerfield, IL Zip: 60015

Bid/Proposal/Contract #: 2316-05022A

Phone: 847-753-8020 Fax: 847-753-8023

FEIN #: 14-1990721

Email: nhomedi@aegroupltd.com

Participation:  Direct  Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

No  Yes – Please attach explanation. Proposed Subcontractor(s): \_\_\_\_\_

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: (if more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Indicate the Dollar Amount, Percentage, and the Terms of Payment for the above-described Commodities/ Services:

DUR - 11%; PWP

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Natalia M. Homedi  
Signature (M/WBE)

Ken Smorynski  
Signature (Prime Bidder/Proposer)

Natalia Homedi, PE  
Print Name

Ken Smorynski, Vice President, Chicago Operations  
Print Name

Atlas Engineering Group, Ltd.  
Firm Name

Infrastructure Engineering, Inc.  
Firm Name

08/09/2024  
Date

August 13, 2024  
Date

Subscribed and sworn before me  
this 9th day of August, 2024.

Subscribed and sworn before me  
this 13th day of August, 2024.

Notary Public Jeffery J Kraines

Notary Public Siobhan Sutton





**Cook County MBE/WBE Non-Construction Certification Reciprocal Affidavit**

Firm Name Atlas Engineering Group, Ltd.

Address 710 Estate Dr City Deerfield

County Lake State Illinois Zip 60015

Phone (847) 7538020 Email nhomedi@aegroupltd.com

I Natalia Homedi, President

(Authorized Representative)

(Print Title)

of Atlas Engineering Group, Ltd. do hereby affirm:

(Name of Firm)

- 1) Atlas Engineering Group, Ltd. is a Minority and/or Women Business Enterprise currently certified by the City of Chicago as: [ ] Black- [ ] Hispanic- [ ] Asian- [X] Woman-owned business.  
(Name of Firm)
- 2) With respect to Atlas Engineering Group, Ltd., the personal net worth of the qualifying individual(s) does not exceed \$2,767,082.23, excluding the individual's ownership interest in the M/WBE firm and the equity of the owner's primary residence, and otherwise meets the requirements of Chapter 34, Article IV of the Cook County Procurement Code. (As per Section 34-263 of the Cook County Procurement Code, an individual's personal net worth includes only his or her own Share of assets held jointly or as community/marital property with the individual's spouse.)  
(Name of Firm)
- 3) The average annual gross receipts of Atlas Engineering Group, Ltd. as derived from tax filings over the five most recent years, does not exceed the Small Business Size Standards published by the U.S. Small Business Administration found in Title 13, Code of Federal Regulations, Part 121. (<http://www.sba.gov/content/small-business-size-standards>)  
(Name of Firm)

Upon penalty of perjury, I Natalia Homedi affirm that, to the best of my knowledge and belief, the information herein is true and accurate.  
(Authorized Representative)

Signature Natalia Homedi Title President Date 12/23/2024

Subscribed and sworn to before me this 23 day of Dec. / 2024  
(Month) (Year)

Eyad Homedi  
(Notary's Signature)



My Commission Expires 6/19/2025

MBE/WBE LETTER OF INTENT - FORM 2

M/WBE Firm: Interra, Inc.  
Contact Person: Sanjeev Bandi  
Address: 600 Territorial Drive  
City/State: Bolingbrook Zip: 60440  
Phone: 6307548700 Fax: \_\_\_\_\_  
Email: sbandi@interraservices.com

Certifying Agency: Cook County  
Certification Expiration Date: 10/15/2025  
Ethnicity: Indian  
Bid/Proposal/Contract #: 2316-05022A  
FEIN #: 36-4045796

Participation:  Direct  Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

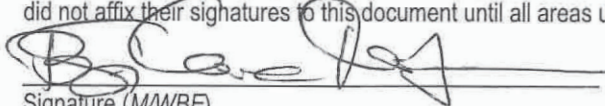
No  Yes - Please attach explanation. Proposed Subcontractor(s): \_\_\_\_\_

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: (If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

**Various Various Construction Services**

Indicate the **Dollar Amount**, **Percentage**, and the **Terms of Payment** for the above-described Commodities/ Services:  
DUR-7%; PWP

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.


  
Signature (M/WBE)

Sanjeev Bandi  
Print Name

Interra, Inc.  
Firm Name

8/9/2024  
Date

Subscribed and sworn before me  
this 8 day of August, 2024

Notary Public 



  
Signature (Prime Bidder/Proposer)

Ken Smorynski, Vice President, Chicago Operations  
Print Name

Infrastructure Engineering, Inc.  
Firm Name

August 13, 2024  
Date

Subscribed and sworn before me  
this 13th day of August, 2024

Notary Public 





Cook County MBE/WBE Non-Construction Certification Reciprocal Affidavit

Firm Name Interra, Inc.

Address 600 Territorial Drive, Ste. G City Bolingbrook

County Will County State IL Zip 60440

Phone (630) 754-8700 Email dsrao@interraservices.com

I, Sudhakar Rao Doppalapudi, CEO

(Authorized Representative)

(Print Title)

of Interra, Inc. do hereby affirm:

(Name of Firm)

1) Interra, Inc. is a Minority and/or Women Business Enterprise currently

(Name of Firm)

certified by the City of Chicago as: [ ] Black- [ ] Hispanic- [x] Asian- [ ] Woman-owned business.

2) With respect to Interra, Inc., the personal net worth of the qualifying

(Name of Firm)

(51%) individual(s) does not exceed \$2,767,082.23, excluding the individual's ownership interest in the M/WBE firm and the equity of the owner's primary residence, and otherwise meets the requirements of Chapter 34, Article IV of the Cook County Procurement Code. (As per Section 34-263 of the Cook County Procurement Code, an individual's personal net worth includes only his or her own Share of assets held jointly or as community/marital property with the individual's spouse.)

3) The average annual gross receipts of Interra, Inc.

(Name of Firm)

as derived from tax filings over the five most recent years, does not exceed the Small Business Size Standards published by the U.S. Small Business Administration found in Title 13, Code of Federal Regulations, Part 121. (<http://www.sba.gov/content/small-business-size-standards>)

Upon penalty of perjury, I Sudhakar Rao Doppalapudi affirm that, to the best of my knowledge

(Authorized Representative)

and belief, the information herein is true and accurate.

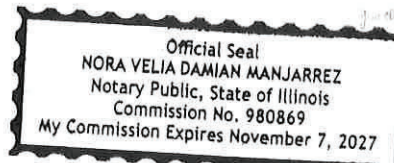
Signature [Signature] Title CEO Date 12/24/2024

Subscribed and sworn to before me this 24 day of December / 2024  
(Month) (Year)

[Signature]  
(Notary's Signature)

Notary's Seal

My Commission Expires November 7, 2027



PLEASE NOTE: This affidavit is good for a period of one year from the date of sworn signature. Any changes to your firm within that year may require a new form.

**MBE/WBE LETTER OF INTENT - FORM 2**

M/WBE Firm: TransLand Engineering Group, LLC

Certifying Agency: Cook County

Contact Person: Yvonne Owusu-Safo

Certification Expiration Date: 2/5/2026

Address: 2300 Cabot Drive, Suite 375

Ethnicity: African American

City/State: Lisle Zip: 60502

Bid/Proposal/Contract #: RFQ #2316-05022A

Phone: (331) 401-5785 Fax: \_\_\_\_\_

FEIN #: 82-1311878

Email: ysafo@translandengineering.com

Participation:  Direct  Indirect

Will the M/WBE firm be subcontracting any of the goods or services of this contract to another firm?

No  Yes - Please attach explanation. Proposed Subcontractor(s): \_\_\_\_\_

The undersigned M/WBE is prepared to provide the following Commodities/Services for the above named Project/ Contract: (If more space is needed to fully describe M/WBE Firm's proposed scope of work and/or payment schedule, attach additional sheets)

541330 - Construction Inspection

Indicate the **Dollar Amount**, **Percentage**, and the **Terms of Payment** for the above-described Commodities/ Services:

DUR - 11%; PWP

THE UNDERSIGNED PARTIES AGREE that this Letter of Intent will become a binding Subcontract Agreement for the above work, conditioned upon (1) the Bidder/Proposer's receipt of a signed contract from the County of Cook; (2) Undersigned Subcontractor remaining compliant with all relevant credentials, codes, ordinances and statutes required by Contractor, Cook County, and the State to participate as a MBE/WBE firm for the above work. The Undersigned Parties do also certify that they did not affix their signatures to this document until all areas under Description of Service/ Supply and Fee/Cost were completed.

Yvonne Owusu-Safo  
Signature (M/WBE)

Ken Smorynski  
Signature (Prime Bidder/Proposer)

Yvonne Owusu-safo

Ken Smorynski, Vice President, Chicago Operations

Print Name

Print Name

TransLand Engineering Group, L

Infrastructure Engineering, Inc.

Firm Name

Firm Name

8/13/2024

August 13, 2024

Date

Date

Subscribed and sworn before me

Subscribed and sworn before me

this 13 day of August, 2024

this 13th day of August, 2024

Notary Public Linda Zable

Notary Public Siobhan Sutton





OFFICE OF CONTRACT COMPLIANCE

**Nicole Mandeville**

DIRECTOR, CONTRACT COMPLIANCE

161 N. Clark Street, Suite 2300 • Chicago, Illinois 60601 • (312) 603-5502

**TONI PRECKWINKLE**

PRESIDENT

**Cook County Board  
of Commissioners**

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1st District

VACANT  
2nd District

BILL LOWRY  
3rd District

STANLEY MOORE  
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SCOTT R. BRITTON  
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KEVIN B. MORRISON  
15th District

FRANK AGUILAR  
16th District

SEAN M. MORRISON  
17th District

September 19, 2024

Michael Sutton  
Infrastructure Engineering, Inc.  
1 S. Wacker Dr.  
Suite 2650  
Chicago, IL 60606

**Annual Certification Renewal: September 22, 2025**

Dear Mr. Sutton:

Congratulations on your continued eligibility for certification as a **Minority Business Enterprise (MBE)**, by Cook County Government. This certification does not expire; however, you must re-validate your firm's certification annually.

In the past, we have provided annual letters, this practice will no longer continue given that your firm will remain certified indefinitely based on your compliance to programmatic requirements. Please refer to this letter, the Vendor Directory, and your account dashboard for evidence of certification.

As a condition of continued Certification, you must file a **No Change Affidavit** within **ninety(90)calendar days prior** to the date of the annual renewal. Failure to file this affidavit may result in the removal of your Certification. You must notify Cook County's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **ten(10)calendar days** of such change.

Cook County Government may commence action to remove your firm as a certified vendor if you fail to notify us of any changes of facts affecting your firm's Certification, fails to submit annual renewals, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of your status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Your firm's participation on Cook County contracts will be credited toward **Minority Business Enterprise (MBE)** goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward **Minority Business Enterprise (MBE)** goals will be given only for work done in the specialty category.

Thank you for your continued interest in Cook County Government's Minority, Women, Veteran, Service-Disabled Veteran, and Persons with Disabilities Business Enterprise Programs.

Sincerely,

The Office of Contract Compliance

Page 2

September 19, 2024

Michael Sutton  
Infrastructure Engineering, Inc.

This firm is Certified under the following commodity codes/area(s) of specialty:

**NAICS 541330: CONSTRUCTION ENGINEERING SERVICES**  
**NAICS 541330: ENGINEERING CONSULTING SERVICES**  
**NAICS 541330: ENGINEERING SERVICES**



CITY OF CHICAGO

DEPARTMENT OF PROCUREMENT SERVICES

OCT 10 2023

Shakti S. Joshi  
APS Consulting, Inc.  
5519 N. Cumberland Ave., Ste. #1011  
Chicago, IL 60656

RE: CONTINUATION OF CERTIFICATION

Dear Mr. Joshi:

We are pleased to inform you that **APS Consulting, Inc.** continues to be certified as a **Minority-Owned Business Enterprise ("MBE")** which expired **July 1, 2023** and will remain effective for as long as your firm continues to meet all certification eligibility requirements and is contingent upon the firm affirming its eligibility by filing an **annual No-Change Affidavit** each year. In the past, the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. Therefore, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 calendar days before your annual anniversary date of July 1<sup>st</sup>.**

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification, you must **file an annual No-Change Affidavit 60 calendar days before your anniversary date of July 1<sup>st</sup>.** Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the anniversary date for timely processing. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

You shall be deemed to have had your certification lapse and will be ineligible to participate as an **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change.

You have an obligation to cooperate with the City with any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at [chicagoinspectorgeneral.org](http://chicagoinspectorgeneral.org), or 866-IG-TIPLINE (866-448-4754).**

If you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

**NAICS Code(s):**

**541330 - Civil Engineering Services**

**541330 - Construction Engineering Services**

Your firm's participation on City contracts will be credited only toward **MBE** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,



Tammi Morgan  
Contracting Equity Officer

TM/sl





CITY OF CHICAGO

DEPARTMENT OF PROCUREMENT SERVICES

MAR 15 2021

Natalia Homedi  
Atlas Engineering Group, LTD.  
3100 Dundee Rd., Suite 502  
Northbrook, IL 60062

Dear Ms. Homedi:

We are pleased to inform you that **Atlas Engineering Group, LTD.** has been recertified as a **Women-Owned Business Enterprise (“WBE”)** by the City of Chicago (“City”). This **WBE** certification is valid until **2/1/2026**; however your firm’s certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. Therefore, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City’s certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an **annual No-Change Affidavit**. Your firm’s annual No-Change Affidavit is due by **2/1/2022, 2/1/2023, 2/1/2024 and 2/1/2025**. Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm’s five year certification will expire on **2/1/2026**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **12/1/2025**.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm’s eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, “False Claims”, of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **WBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;

- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at [chicagoinspectorgeneral.org](http://chicagoinspectorgeneral.org), or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

**NAICS Code(s):**

**237310- Construction Management, Highway, Road, Street and Bridge**

**541330- Construction Engineering Services; Engineering Consulting Services**

**541370- Land Surveying Services**

Your firm's participation on City contracts will be credited only toward **WBE** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,



Shannon E. Andrews  
Chief Procurement Officer

SEA/fn



CITY OF CHICAGO

DEPARTMENT OF PROCUREMENT SERVICES

NOV 1 - 2020

Sudhakar Rao Doppalapudi  
Interra, Inc.  
600 Territorial Dr., Suite G  
Bolingbrook, IL 60440

Dear Mr. Doppalapudi:

We are pleased to inform you that **Interra, Inc.** has been recertified as a **Minority-Owned Business Enterprise ("MBE")** by the City of Chicago ("City"). This **MBE** certification is valid until **10/15/2025**; however, your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. Therefore, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five-year period stated above, you must file an **annual No-Change Affidavit**. Your firm's annual No-Change Affidavit is due by **10/15/2021, 10/15/2022, 10/15/2023, and 10/15/2024**. Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five-year certification will expire on **10/15/2025**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five-year anniversary date. Therefore, you must file for recertification by **10/15/2025**.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as an **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

*One*

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at [chicagoinspectorgeneral.org](http://chicagoinspectorgeneral.org), or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

**NAICS Code(s):**

- 541330 - Civil Engineering Services**
- 541330 - Construction Engineering Services**
- 541330 - Engineering Services**
- 541330 - Environmental Engineering Services**
- 541330 - Geological Engineering Services**
- 541380 - Geotechnical Testing Laboratories or Services**
- 541380 - Testing Laboratories (except medical, veterinary)**

Your firm's participation on City contracts will be credited only toward **MBE** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

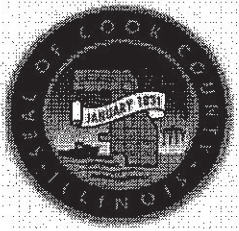
Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,



Shannon E. Andrews  
Chief Procurement Officer

SEA/kr



OFFICE OF CONTRACT COMPLIANCE

**Nicole Mandeville**

DIRECTOR

161 N. Clark Street, Suite 2300 • Chicago, Illinois 60601 • (312) 603-5502

**TONI PRECKWINKLE**

PRESIDENT

**Cook County Board  
of Commissioners**

TARA STAMPS  
1st District

DENNIS DEER  
2nd District

BILL LOWRY  
3rd District

STANLEY MOORE  
4th District

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5th District

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8th District

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9th District

BRIDGET GAINER  
10th District

JOHN P. DALEY  
11th District

BRIDGET DEGNEN  
12th District

JOSINA MORITA  
13th District

SCOTT R. BRITTON  
14th District

KEVIN B. MORRISON  
15th District

FRANK J. AGUILAR  
16th District

SEAN M. MORRISON  
17th District

March 6, 2024

Yvonne Owusu-Safo, President  
Transland Engineering Group, LLC  
1111 Burlington Ave., Suite 108H  
Lisle, IL 60532

**Annual Certification Renewal: February 5, 2025**

Dear Ms. Owusu-Safo:

Congratulations on your continued eligibility for Certification as a **Minority-owned Business Enterprise ("MBE")**, **Women-owned Business Enterprise ("WBE")**, by Cook County Government.

As a condition of continued Certification, you must file a **No Change Affidavit** within **ninety (90) calendar days prior** to the date of the annual renewal, **February 5th**. Failure to file this affidavit may result in the termination of your Certification. In addition, you must notify Cook County's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **ten (10) calendar days** of such change.

Cook County Government may commence action to remove your firm as a certified vendor if you fail to notify us of any changes of facts affecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of your status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

**NAICS CODES:**

**541330 – Civil Engineering Services; Construction Engineering Services; Engineering Consulting Services; Engineering Design Services; Engineering Services; Erosion Control Engineering Services; Traffic Engineering Consulting Services**

Your firm's participation on Cook County contracts will be credited toward **MBE/WBE** goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward **MBE/WBE** goals will be given only for work done in the specialty category.

Thank you for your continued interest in Cook County Government's Minority, Women, Veteran, Service-Disabled Veteran, and Persons with Disabilities Business Enterprise Programs.

Sincerely,

*Desiree M. Otkins*

Desiree M. Otkins, EMBA  
Deputy Director, Contract Compliance

DMO/rl

**Certified Directory**  
As of 12/26/2024 3:11:06 PM

The information provided in this file is not to be used for unsolicited advertising, spam, or any other unauthorized use.

Company Name	DBA Name	Owner First	Owner Last	Physical Address	City	St	Zip	Mailing Address	City	St	Zip	Phone	Fax	Email	Agency	Certification	Ethnicity	Certifi	Renewa	Expiratio
APS Consulting, Inc.		Shakti	Joshi	5519 N. Cumberland Avenue, Suite 1011	Chicago	IL	60656	5519 N. Cumberland Avenue, Suite 1011	Chicago	IL	60656	312-324-0936	312-324-0337	sjoshi@apsae.com	Chicago	MBE	Asian American	10/27/2024	7/1/2025	7/1/2025
Atlas Engineering Group, LTD	N/A	Natalia N.	Homedti	710 Estate Drive	Deerfield	IL	60015	710 Estate Drive, Suite 502	Deerfield	IL	60015	847-753-8920	847-753-8023	nhomedti@aegroupitd.com	Chicago	WBE	Caucasian	3/1/2024	2/1/2025	2/1/2025
Infrastructure Engineering, Inc.		Michael	Sutton	1 S Wacker Dr, Ste. 2650	Chicago	IL	60606	141 West 36th Street, Suite 1804	New York	NY	10018	312-425-9960	312-425-9564	ssutton@infrastructure-eng.com	Cook County	MBE	African-American (Black)	9/19/2024	9/22/2025	9/22/2029
Interra, Inc.		Sudhakar Rao	Doppalapudi	600 Territorial Drive, Suite G	Bolingbrook	IL	60440	600 Territorial Drive, Suite G	Bolingbrook	IL	60440	630-754-8700	630-754-8705	dsrao@interraservices.com	Chicago	MBE	Asian American	9/18/2024	10/15/2025	10/15/2025
Transland Engineering Group, LLC		Yvonne	Owusu-Safo	1111 Burlington Ave, Suite 108H	Lisle	IL	60532	2468 Reflections Drive	Aurora	IL	60502	630-244-2553		ysafo@translandengineering.com	Cook County	MBE	African-American (Black)	3/6/2024	2/5/2025	2/5/2025

**I. POLICY AND GOALS**

A. It is the policy of the County of Cook to prevent discrimination in the award of or participation in County Contracts and to eliminate arbitrary barriers for participation in such Contracts by local businesses certified as a Minority Business Enterprise (MBE) and Women-owned Business Enterprise (WBE) as both prime and sub-contractors. In furtherance of this policy, the Cook County Board of Commissioners has adopted a Minority- and Women-owned Business Enterprise Ordinance (the "Ordinance") which establishes annual goals for MBE and WBE participation as outlined below:

Contract Type	Goals	
	MBE	WBE
Goods and Services	25%	10%
Construction	24%	10%
Professional Services	35% Overall	

B. **The County shall set contract-specific goals, based on the availability of MBEs and WBEs that are certified to provide commodities or services specified in this solicitation document. The MBE/WBE participation goals for this Agreement is [thirty-five percent (35%)].** A Bid, Quotation, or Proposal shall be rejected if the County determines that it fails to comply with this General Condition in any way, including but not limited to: (i) failing to state an enforceable commitment to achieve for this contract the identified MBE/WBE Contract goals; or (ii) failing to include a Petition for Reduction/Waiver, which states that the goals for MBE/WBE participation are not attainable despite the Bidder or Proposer Good Faith Efforts, and explains why. If a Bid, Quotation, or Proposal is rejected, then a new Bid, Quotation, or Proposal may be solicited if the public interest is served thereby.

C. To the extent that a Bid, Quotation, or Proposal includes a Petition for Reduction/Waiver that is approved by the Office of Contract Compliance, the Contract specific MBE and WBE participation goals may be achieved by the proposed Bidder or Proposer's status as an MBE or WBE; by the Bidder or Proposer's enforceable joint-venture agreement with one or more MBEs and/or WBEs; by the Bidder or Proposer entering into one or more enforceable subcontracting agreements with one or more MBE and WBE; by the Bidder or Proposer establishing and carrying out an enforceable mentor/protégé agreement with one or more MBE and WBE; by the Bidder or Proposer actively engaging the Indirect Participation of one or more MBE and WBE in other aspects of its business; or by any combination of the foregoing, so long as the Utilization Plan evidences a commitment to meet the MBE and WBE Contract goals set forth in (B) above, as approved by the Office of Contract Compliance.

D. A single Person, as defined in the Procurement Code, may not be utilized as both an MBE and a WBE on the same Contract, whether as a Consultant, Subcontractor or supplier.

- E. Unless specifically waived in the Bid or Proposal Documents, this Exhibit; the Ordinance; and the policies and procedures promulgated thereunder shall govern. If there is a conflict between this Exhibit and the Ordinance or the policies and procedures, the Ordinance shall control.
- F. A Consultant's failure to carry out its commitment regarding MBE and WBE participation in the course of the Contract's performance may constitute a material breach of the Contract. If such breach is not appropriately cured, it may result in withholding of payments under the Contract, contractual penalties, disqualification and any other remedy provided for in Division 4 of the Procurement Code at law or in equity.

## **II. REQUIRED BID OR PROPOSAL SUBMITTALS**

A Bidder or Proposer shall document its commitment to meeting the Contract specific MBE and WBE participation goals by submitting a Utilization Plan with the Bid or Proposal. The Utilization Plan shall include (1) one or more Letter(s) of Intent from the relevant MBE and WBE firms; and (2) current Letters of Certification as an MBE or WBE. Alternatively, the Bidder or Proposer shall submit (1) a written Petition for Reduction/Waiver with the Bid, Quotation or Proposal, which documents its preceding Good Faith Efforts and an explanation of its inability to meet the goals for MBE and WBE participation. The Utilization Plan shall be submitted at the time that the bid or proposal is due. **Failure to include a Utilization Plan will render the submission not Responsive and shall be cause for the CPO to reject the Bid or Proposal.**

### **A. MBE/WBE Utilization Plan**

Each Bid or Proposal shall include a complete Utilization Plan, as set forth on Form 1 of the M/WBE Compliance Forms. The Utilization Plan shall include the name(s), mailing address, email address, and telephone number of the principal contact person of the relevant MBE and WBE firms. If the Bidder or Proposer submits a Bid or Proposal, and any of their subconsultants, suppliers or consultants, are certified MBE or WBE firms, they shall be identified as an MBE or WBE within the Utilization Plan.

#### **1. Letter(s) of Intent**

Except as set forth below, a Bid or Proposal shall include, as part of the Utilization Plan, one or more Letter(s) of Intent, as set forth on Form 2 of the M/WBE Compliance Forms, executed by each MBE and WBE and the Bidder or Proposer. The Letter(s) of Intent will be used to confirm that each MBE and WBE shall perform work as a Subcontractor, supplier, joint venture, or consultant on the Contract. Each Letter of Intent shall indicate whether and the degree to which the MBE or WBE will provide goods or services directly or indirectly during the term of the Contract. The box for direct participation shall be marked if the proposed MBE or WBE will provide goods or services directly related to the scope of the Contract. The box for Indirect participation shall be marked if the proposed MBE or WBE will not be directly involved in the Contract but will be utilized by the Bidder or Proposer for other services not related to the Contract. Indirect

Participation shall not be counted toward the participation goal. Each Letter of Intent shall accurately detail the work to be performed by the relevant MBE or WBE firm, the agreed dollar amount, the percentage of work, and the terms of payment.

**Failure to include Letter(s) of Intent will render the submission not Responsive and shall be cause for the CPO to reject the Bid or Proposal.**

All Bids and Proposals must conform to the commitments made in the corresponding Letter(s) of Intent, as may be amended through change orders.

The Contract Compliance Director may at any time request supplemental information regarding Letter(s) of Intent, and such information shall be furnished if the corresponding Bid or Proposal is to be deemed responsive.

## 2. Letter(s) of Certification

Only current Letter(s) of Certification from one of the following entities may be accepted as proof of certification for MBE/WBE status, provided that Cook County's requirements for certification are met:

- County of Cook
- City of Chicago

Persons that are currently certified by the City of Chicago in any area other than Construction/Public Works shall also complete and submit a MBE/WBE Reciprocal Certification Affidavit along with a current letter of certification from the City of Chicago. This Affidavit form can be downloaded from [www.cookcountyil.gov/contractcompliance](http://www.cookcountyil.gov/contractcompliance).

The Contract Compliance Director may reject the certification of any MBE or WBE on the ground that it does not meet the requirements of the Ordinance, or the policies and rules promulgated thereunder.

## 3. Joint Venture Affidavit

In the event a Bid or Proposal achieves MBE and/or WBE participation through a Joint Venture, the Bid or Proposal shall include the required Joint Venture Affidavit, which can be downloaded from [www.cookcountyil.gov/contractcompliance](http://www.cookcountyil.gov/contractcompliance). The Joint Venture Affidavit shall be submitted with the Bid or Proposal, along with current Letter(s) of Certification.

## B. Petition for Reduction/Waiver

In the event a Bid or Proposal does not meet the Contract specific goals for MBE and WBE participation, the Bid or Proposal shall include a Petition for Reduction/Waiver, as set forth on Form 3. The Petition for Reduction/Waiver shall be supported by sufficient

evidence and documentation to demonstrate the Bidder or Proposer's Good Faith Efforts in attempting to achieve the applicable MBE and WBE goals, and its inability to do so despite its Good Faith Efforts.

**Failure to include Petition for Reduction/Waiver will render the submission not Responsive and shall be cause for the CPO to reject the Bid or Proposal.**

### **III. REDUCTION/WAIVER OF MBE/WBE GOALS**

#### **A. Granting or Denying a Reduction/Waiver Request.**

1. The adequacy of the Good Faith Efforts to utilize MBE and WBE firms in a Bid or Proposal will be evaluated by the CCD under such conditions as are set forth in the Ordinance, the policies and rules promulgated thereunder, and in the "Petition for Reduction/Waiver of MBE/WBE Participation Goals" – Form 3 of the M/WBE Compliance Forms.
2. With respect to a Petition for Reduction/Waiver, the sufficiency or insufficiency of a Bidder or Proposer's Good Faith Efforts shall be evaluated by the CCD as of the date upon which the corresponding Bid or Proposal was due.
3. The Contract Compliance Director or his or her duly authorized Waiver Committee may grant or deny the Petition for Reduction/Waiver based upon factors including but not limited to: (a) whether sufficient qualified MBE and WBE firms are unavailable despite good faith efforts on the part of the Bidder or Proposer; (b) the degree to which specifications and the reasonable and necessary requirements for performing the Contract make it impossible or economically infeasible to divide the Contract into sufficiently small tasks or quantities so as to enable the Bidder or Proposer to utilize MBE and WBE firms in accordance with the applicable goals; (c) the degree to which the prices or prices required by any potential MBE or WBE are more that 10% above competitive levels; and (d) such other factors as are determined relevant by the Contract Compliance Director or the duly authorized Waiver Committee.
4. If the Contract Compliance Director or the duly authorized Waiver Committee determines that the Bidder or Proposer has not demonstrated sufficient Good Faith Efforts to meet the applicable MBE and WBE goals, the Contract Compliance Director or the duly authorized Waiver Committee may deny a Petition for Reduction/Waiver, declare the Bid or Proposal non-responsive, and recommend rejection of the Bid, Quotation, or Proposal.

### **IV. CHANGES IN CONSULTANT'S UTILIZATION PLAN**

- A. A Consultant, during its performance of the Contract, may not change the original MBE or WBE commitments specified in the relevant Utilization Plan, including but not limited to, terminating a MBE or WBE Contract, reducing the scope of the work to be performed by a MBE/WBE, or decreasing the price to a MBE/WBE, except as

otherwise provided by the Ordinance and according to the policies and procedures promulgated thereunder.

- B. Where a Person listed under the Contract was previously considered to be a MBE or WBE but is later found not to be, or work is found not to be creditable toward the MBE or WBE goals as stated in the Utilization Plan, the Consultant shall seek to discharge the disqualified enterprise, upon proper written notification to the Contract Compliance Director, and make every effort to identify and engage a qualified MBE or WBE as its replacement. Failure to obtain an MBE or WBE replacement within 30 business days of the Contract Compliance Director's written approval of the removal of a purported MBE or WBE may result in the termination of the Contract or the imposition of such remedy authorized by the Ordinance, unless a written Petition for Reduction/Waiver is granted allowing the Consultant to award the work to a Person that is not certified as an MBE or WBE.

## **V. NON-COMPLIANCE**

If the CCD determines that the Consultant has failed to comply with its contractual commitments or any portion of the Ordinance, the policies and procedures promulgated thereunder, or this Exhibit, the Contract Compliance Director shall notify the Consultant of such determination and may take any and all appropriate actions as set forth in the Ordinance or the policies and procedures promulgated thereunder which includes but is not limited to disqualification, penalties, withholding of payments or other remedies in law or equity.

## **VI. REPORTING/RECORD-KEEPING REQUIREMENTS**

The Consultant shall comply with the reporting and record-keeping requirements in the manner and time established by the Ordinance, the policies and procedure promulgated thereunder, and the Contract Compliance Director. Failure to comply with such reporting and record-keeping requirements may result in a declaration of Contract default. Upon award of a Contract, a Consultant shall acquire and utilize all Cook County reporting and record-keeping forms and methods which are made available by the Office of Contract Compliance. MBE and WBE firms shall be required to verify payments made by and received from the prime Consultant.

## **VII. EQUAL EMPLOYMENT OPPORTUNITY**

Compliance with MBE and WBE requirements will not diminish or supplant other legal Equal Employment Opportunity and Civil Rights requirements that relate to Consultant and Subcontractor obligations.

Any questions regarding this section should be directed to:

Contract Compliance Director  
161 North Clark Street, Suite 2300  
Chicago, Illinois 60601  
Contract No. 2316-05022D  
(312)603-5502

EXHIBIT 6  
Evidence of Insurance



EXHIBIT 7

Identification of Subconsultants



Contract #: 2316-05022A

**Cook County  
Office of the Chief Procurement Officer  
Identification of Subcontractor/Supplier/Subconsultant Form**

<b>OCPO ONLY:</b>	
<input type="checkbox"/>	Disqualification
<input type="checkbox"/>	Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. **The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract.** In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Bid/RFP/RFQ No.: 2316-05022A	Date: 8/1/2024
Total Bid or Proposal Amount: TBD	Contract Title: Construction Management Services Various Variou
Contractor: Infrastructure Engineering Inc.	Subcontractor/Supplier/ Subconsultant to be added or substitute: APS Consulting, Inc.
Authorized Contact for Contractor: Ken Smorynski, PE, SE	Authorized Contact for Subcontractor/Supplier/ Subconsultant: Shakti S. Joshi
Email Address (Contractor): ksmorynski@infrastructure-eng.com	Email Address (Subcontractor): sjoshi@apsae.com
Company Address (Contractor): 1 S Wacker Drive, Suite 2650	Company Address (Subcontractor): 5519 N. Cumberland Ave., Suite 1011
City, State and Zip (Contractor): Chicago, IL 60606	City, State and Zip (Subcontractor): Chicago, IL 60656
Telephone and Fax (Contractor): 312-425-9560	Telephone and Fax (Subcontractor): (312) 324-0336 / (312) 324-0337
Estimated Start and Completion Dates (Contractor): Start TBD; Completion 5 years	Estimated Start and Completion Dates (Subcontractor): TBD

**Note:** Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

<u>Description of Services or Supplies</u>	<u>Total Price of Subcontract for Services or Supplies</u>
Construction Management Support Services	TBD

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor. This disclosure is made with the understanding that the Contractor is not under any circumstances relieved of its abilities and obligations, and is responsible for the organization, performance, and quality of work. **This form does not approve any proposed changes, revisions or modifications to the contract approved MBE/WBE Utilization Plan. Any changes to the contract's approved MBE/WBE/Utilization Plan must be submitted to the Office of the Contract Compliance.**

Infrastructure Engineering Inc.

Contractor

Ken Smorynski, PE, SE

Name

Vice President Illinois Region

Title

*Ken Smorynski*

8/14/2024

Prime Contractor Signature

Date



Contract #: 2316-05022A

**Cook County**  
**Office of the Chief Procurement Officer**  
**Identification of Subcontractor/Supplier/Subconsultant Form**

<b>OCPO ONLY:</b>	
<input type="checkbox"/>	Disqualification
<input type="checkbox"/>	Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. **The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract.** In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Bid/RFP/RFQ No.: 2316-05022A	Date: 08/14/2024
Total Bid or Proposal Amount: TBD	Contract Title: CM Services Var Var (Task Orders) Contract
Contractor: Infrastructure Engineering Inc.	Subcontractor/Supplier/ Subconsultant to be added or substitute: Atlas Engineering Group, LTD
Authorized Contact for Contractor: Ken Smorynski, PE, SE	Authorized Contact for Subcontractor/Supplier/ Subconsultant: Natalia Homedi, PE
Email Address (Contractor): ksmorynski@infrastructure-eng.com	Email Address (Subcontractor): nhomedi@aegroupltd.com
Company Address (Contractor): 1 S Wacker Drive, Suite 2650	Company Address (Subcontractor): 710 Estate Drive Ave,
City, State and Zip (Contractor): Chicago, IL 60606	City, State and Zip (Subcontractor): Deerfield, IL 60015
Telephone and Fax (Contractor): 312-425-9560	Telephone and Fax (Subcontractor): 847-753-8020, 847-753-8023(fax)
Estimated Start and Completion Dates (Contractor): Start TBD; Completion 5 years	Estimated Start and Completion Dates (Subcontractor): Start TBD; Completion 5 years

**Note:** Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

<u>Description of Services or Supplies</u>	<u>Total Price of Subcontract for Services or Supplies</u>
Construction Management Services for pre-const, construction and post-const phases.	TBD

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor. This disclosure is made with the understanding that the Contractor is not under any circumstances relieved of its abilities and obligations, and is responsible for the organization, performance, and quality of work. **This form does not approve any proposed changes, revisions or modifications to the contract approved MBE/WBE Utilization Plan. Any changes to the contract's approved MBE/WBE/Utilization Plan must be submitted to the Office of the Contract Compliance.**

Infrastructure Engineering Inc.

Contractor

Ken Smorynski, PE, SE

Name

Vice President Illinois Region

Title

*Ken Smorynski*

8/14/2024

Prime Contractor Signature

Date



Contract #: 2316-05022A

**Cook County**  
**Office of the Chief Procurement Officer**  
**Identification of Subcontractor/Supplier/Subconsultant Form**

<b>OCPO ONLY:</b>	
<input type="checkbox"/>	Disqualification
<input type="checkbox"/>	Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. **The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract.** In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Bid/RFP/RFQ No.: 2316-05022A	Date: 08/14/2024
Total Bid or Proposal Amount: TBD	Contract Title: CM Services Var Var (Task Orders) Contract
Contractor: Infrastructure Engineering Inc.	Subcontractor/Supplier/ Subconsultant to be added or substitute: Interra, Inc.
Authorized Contact for Contractor: Ken Smorynski, PE, SE	Authorized Contact for Subcontractor/Supplier/ Subconsultant: Sanjeev Bandi
Email Address (Contractor): ksmorynski@infrastructure-eng.com	Email Address (Subcontractor): sbandi@interraservices.com
Company Address (Contractor): 1 S Wacker Drive, Suite 2650	Company Address (Subcontractor): 600 Territorial Drive
City, State and Zip (Contractor): Chicago, IL 60606	City, State and Zip (Subcontractor): Bolingbrook, IL 60440
Telephone and Fax (Contractor): 312-425-9560	Telephone and Fax (Subcontractor): 6306751369
Estimated Start and Completion Dates (Contractor): Start TBD; Completion 5 years	Estimated Start and Completion Dates (Subcontractor): Start TBD; Completion 5 years

**Note:** Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

<u>Description of Services or Supplies</u>	<u>Total Price of Subcontract for Services or Supplies</u>
Construction Management Services for pre-const, construction and post-const phases.	TBD

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor. This disclosure is made with the understanding that the Contractor is not under any circumstances relieved of its abilities and obligations, and is responsible for the organization, performance, and quality of work. **This form does not approve any proposed changes, revisions or modifications to the contract approved MBE/WBE Utilization Plan. Any changes to the contract's approved MBE/WBE/Utilization Plan must be submitted to the Office of the Contract Compliance.**

Infrastructure Engineering Inc.

Contractor

Ken Smorynski, PE, SE

Name

Vice President Illinois Region

Title

*Ken Smorynski*

8/14/2024

Prime Contractor Signature

Date



Contract #: 2316-05022A

Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form

OCPO ONLY:
Disqualification
Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract.

Table with 2 columns: Contractor information and Subcontractor information. Rows include Bid/RFP/RFQ No., Date, Total Bid or Proposal Amount, Contractor Name, Authorized Contact, Email Address, Company Address, City, State and Zip, Telephone and Fax, and Estimated Start and Completion Dates.

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Table with 2 columns: Description of Services or Supplies and Total Price of Subcontract for Services or Supplies. Row: Construction Management Services for pre-const, construction and post-const phases. Price: TBD

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor.

Infrastructure Engineering Inc.
Contractor
Ken Smorynski, PE, SE
Name
Vice President Illinois Region
Title
8/14/2024
Date
Prime Contractor Signature



Contract #: 2316-05022A

**Cook County  
Office of the Chief Procurement Officer  
Identification of Subcontractor/Supplier/Subconsultant Form**

<b>OCPO ONLY:</b>	
<input type="checkbox"/>	Disqualification
<input type="checkbox"/>	Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. **The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract.** In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Bid/RFP/RFQ No.: 2316-05022A	Date: 08/14/2024
Total Bid or Proposal Amount: TBD	Contract Title: CM Services Var Var (Task Orders) Contract
Contractor: Infrastructure Engineering Inc.	Subcontractor/Supplier/ Subconsultant to be added or substitute: TranSystems
Authorized Contact for Contractor: Ken Smorynski, PE, SE	Authorized Contact for Subcontractor/Supplier/ Subconsultant: Anthony J. Quigley
Email Address (Contractor): ksmorynski@infrastructure-eng.com	Email Address (Subcontractor): ajquigley@transystems.com
Company Address (Contractor): 1 S Wacker Drive, Suite 2650	Company Address (Subcontractor): 1475 E. Woodfield Road, Suite 600
City, State and Zip (Contractor): Chicago, IL 60606	City, State and Zip (Subcontractor): Schaumburg, IL 60173
Telephone and Fax (Contractor): 312-425-9560	Telephone and Fax (Subcontractor): 847-407-5230
Estimated Start and Completion Dates (Contractor): Start TBD; Completion 5 years	Estimated Start and Completion Dates (Subcontractor): Start TBD; Completion 5 years

**Note:** Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

<u>Description of Services or Supplies</u>	<u>Total Price of Subcontract for Services or Supplies</u>
Construction Management Services for pre-const, construction and post-const phases.	TBD

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor. This disclosure is made with the understanding that the Contractor is not under any circumstances relieved of its abilities and obligations, and is responsible for the organization, performance, and quality of work. **This form does not approve any proposed changes, revisions or modifications to the contract approved MBE/WBE Utilization Plan. Any changes to the contract's approved MBE/WBE/Utilization Plan must be submitted to the Office of the Contract Compliance.**

Infrastructure Engineering Inc.

Contractor

Ken Smorynski, PE, SE

Name

Vice President Illinois Region

Title

*Ken Smorynski*

8/14/2024

Prime Contractor Signature

Date

## EXHIBIT 8

### Economic Disclosure Statement and Execution Document

**COOK COUNTY  
ECONOMIC DISCLOSURE STATEMENT  
AND EXECUTION DOCUMENT  
INDEX**

<b>Section</b>	<b>Description</b>	<b>Pages</b>
1	Instructions for Completion of EDS	EDS i - ii
2	Certifications	EDS 1- 2
3	Economic and Other Disclosures, Affidavit of Child Support Obligations, Disclosure of Ownership Interest and Familial Relationship Disclosure Form	EDS 3 – 12
4	Cook County Affidavit for Wage Theft Ordinance	EDS 13-14
5	Contract and EDS Execution Page	EDS 15
6	Cook County Signature Page	EDS 16

**SECTION 1**  
**INSTRUCTIONS FOR COMPLETION OF**  
**ECONOMIC DISCLOSURE STATEMENT AND EXECUTION DOCUMENT**

This Economic Disclosure Statement and Execution Document (“EDS”) is to be completed and executed by every Bidder on a County contract, every Proposer responding to a Request for Proposals, and every Respondent responding to a Request for Qualifications, and others as required by the Chief Procurement Officer. The execution of the EDS shall serve as the execution of a contract awarded by the County. The Chief Procurement Officer reserves the right to request that the Bidder or Proposer, or Respondent provide an updated EDS on an annual basis.

**Definitions.** Terms used in this EDS and not otherwise defined herein shall have the meanings given to such terms in the Instructions to Bidders, General Conditions, Request for Proposals, Request for Qualifications, as applicable.

*Affiliate* means a person that directly or indirectly through one or more intermediaries, Controls is Controlled by, or is under common Control with the Person specified.

*Applicant* means a person who executes this EDS.

*Bidder* means any person who submits a Bid.

*Code* means the Code of Ordinances, Cook County, Illinois available on municode.com.

*Contract* shall include any written document to make Procurements by or on behalf of Cook County.

*Contractor* or *Contracting Party* means a person that enters into a Contract with the County.

*Control* means the unfettered authority to directly or indirectly manage governance, administration, work, and all other aspects of a business.

*EDS* means this complete Economic Disclosure Statement and Execution Document, including all sections listed in the Index and any attachments.

*Joint Venture* means an association of two or more Persons proposing to perform a for-profit business enterprise. Joint Ventures must have an agreement in writing specifying the terms and conditions of the relationship between the partners and their relationship and respective responsibility for the Contract

*Lobby* or *lobbying* means to, for compensation, attempt to influence a County official or County employee with respect to any County matter.

*Lobbyist* means any person who lobbies.

*Person* or *Persons* means any individual, corporation, partnership, Joint Venture, trust, association, Limited Liability Company, sole proprietorship or other legal entity.

*Prohibited Acts* means any of the actions or occurrences which form the basis for disqualification under the Code, or under the Certifications hereinafter set forth.

*Proposal* means a response to an RFP.

*Proposer* means a person submitting a Proposal.

*Response* means response to an RFQ.

*Respondent* means a person responding to an RFQ.

*RFP* means a Request for Proposals issued pursuant to this Procurement Code.

*RFQ* means a Request for Qualifications issued to obtain the qualifications of interested parties.

**INSTRUCTIONS FOR COMPLETION OF  
ECONOMIC DISCLOSURE STATEMENT AND EXECUTION DOCUMENT**

**Section 1: Instructions.** Section 1 sets forth the instructions for completing and executing this EDS.

**Section 2: Certifications.** Section 2 sets forth certifications that are required for contracting parties under the Code and other applicable laws. Execution of this EDS constitutes a warranty that all the statements and certifications contained, and all the facts stated, in the Certifications are true, correct and complete as of the date of execution.

**Section 3: Economic and Other Disclosures Statement.** Section 3 is the County's required Economic and Other Disclosures Statement form. Execution of this EDS constitutes a warranty that all the information provided in the EDS is true, correct and complete as of the date of execution, and binds the Applicant to the warranties, representations, agreements and acknowledgements contained therein.

**Required Updates.** The Applicant is required to keep all information provided in this EDS current and accurate. In the event of any change in the information provided, including but not limited to any change which would render inaccurate or incomplete any certification or statement made in this EDS, the Applicant shall supplement this EDS up to the time the County takes action, by filing an amended EDS or such other documentation as is required.

**Additional Information.** The County's Governmental Ethics and Campaign Financing Ordinances impose certain duties and obligations on persons or entities seeking County contracts, work, business, or transactions, and the Applicant is expected to comply fully with these ordinances. For further information please contact the Director of Ethics at (312) 603-4304 (69 W. Washington St. Suite 3040, Chicago, IL 60602) or visit the web-site at [cookcountyil.gov/ethics-board-of](http://cookcountyil.gov/ethics-board-of).

**Authorized Signers of Contract and EDS Execution Page.** If the Applicant is a corporation, the President and Secretary must execute the EDS. In the event that this EDS is executed by someone other than the President, attach hereto a certified copy of that section of the Corporate By-Laws or other authorization by the Corporation, satisfactory to the County that permits the person to execute EDS for said corporation. If the corporation is not registered in the State of Illinois, a copy of the Certificate of Good Standing from the state of incorporation must be submitted with this Signature Page.

If the Applicant is a partnership or joint venture, all partners or joint venturers must execute the EDS, unless one partner or joint venture has been authorized to sign for the partnership or joint venture, in which case, the partnership agreement, resolution or evidence of such authority satisfactory to the Office of the Chief Procurement Officer must be submitted with this Signature Page.

If the Applicant is a member-managed LLC all members must execute the EDS, unless otherwise provided in the operating agreement, resolution or other corporate documents. If the Applicant is a manager-managed LLC, the manager(s) must execute the EDS. The Applicant must attach either a certified copy of the operating agreement, resolution or other authorization, satisfactory to the County, demonstrating such person has the authority to execute the EDS on behalf of the LLC. If the LLC is not registered in the State of Illinois, a copy of a current Certificate of Good Standing from the state of incorporation must be submitted with this Signature Page.

If the Applicant is a Sole Proprietorship, the sole proprietor must execute the EDS.

A "Partnership" "Joint Venture" or "Sole Proprietorship" operating under an Assumed Name must be registered with the Illinois county in which it is located, as provided in 805 ILCS 405 (2012), and documentation evidencing registration must be submitted with the EDS.

Effective October 1, 2016 all foreign corporations and LLCs must be registered with the Illinois Secretary of State's Office unless a statutory exemption applies to the applicant. Applicants who are exempt from registering must provide a written statement explaining why they are exempt from registering as a foreign entity with the Illinois Secretary of State's Office.

**SECTION 2****CERTIFICATIONS**

THE FOLLOWING CERTIFICATIONS ARE MADE PURSUANT TO STATE LAW AND THE CODE. THE APPLICANT IS CAUTIONED TO CAREFULLY READ THESE CERTIFICATIONS PRIOR TO SIGNING THE SIGNATURE PAGE. SIGNING THE SIGNATURE PAGE SHALL CONSTITUTE A WARRANTY BY THE APPLICANT THAT ALL THE STATEMENTS, CERTIFICATIONS AND INFORMATION SET FORTH WITHIN THESE CERTIFICATIONS ARE TRUE, COMPLETE AND CORRECT AS OF THE DATE THE SIGNATURE PAGE IS SIGNED. THE APPLICANT IS NOTIFIED THAT IF THE COUNTY LEARNS THAT ANY OF THE FOLLOWING CERTIFICATIONS WERE FALSELY MADE, THAT ANY CONTRACT ENTERED INTO WITH THE APPLICANT SHALL BE SUBJECT TO TERMINATION.

**A. PERSONS AND ENTITIES SUBJECT TO DISQUALIFICATION**

No person or business entity shall be awarded a contract or sub-contract, for a period of five (5) years from the date of conviction or entry of a plea or admission of guilt, civil or criminal, if that person or business entity:

- 1) Has been convicted of an act committed, within the State of Illinois, of bribery or attempting to bribe an officer or employee of a unit of state, federal or local government or school district in the State of Illinois in that officer's or employee's official capacity;
- 2) Has been convicted by federal, state or local government of an act of bid-rigging or attempting to rig bids as defined in the Sherman Anti-Trust Act and Clayton Act. Act. 15 U.S.C. Section 1 *et seq.*;
- 3) Has been convicted of bid-rigging or attempting to rig bids under the laws of federal, state or local government;
- 4) Has been convicted of an act committed, within the State, of price-fixing or attempting to fix prices as defined by the Sherman Anti-Trust Act and the Clayton Act. 15 U.S.C. Section 1, *et seq.*;
- 5) Has been convicted of price-fixing or attempting to fix prices under the laws the State;
- 6) Has been convicted of defrauding or attempting to defraud any unit of state or local government or school district within the State of Illinois;
- 7) Has made an admission of guilt of such conduct as set forth in subsections (1) through (6) above which admission is a matter of record, whether or not such person or business entity was subject to prosecution for the offense or offenses admitted to; or
- 8) Has entered a plea of *nolo contendere* to charge of bribery, price-fixing, bid-rigging, or fraud, as set forth in subparagraphs (1) through (6) above.

In the case of bribery or attempting to bribe, a business entity may not be awarded a contract if an official, agent or employee of such business entity committed the Prohibited Act on behalf of the business entity and pursuant to the direction or authorization of an officer, director or other responsible official of the business entity, and such Prohibited Act occurred within three years prior to the award of the contract. In addition, a business entity shall be disqualified if an owner, partner or shareholder controlling, directly or indirectly, 20% or more of the business entity, or an officer of the business entity has performed any Prohibited Act within five years prior to the award of the Contract.

**THE APPLICANT HEREBY CERTIFIES THAT:** The Applicant has read the provisions of Section A, Persons and Entities Subject to Disqualification, that the Applicant has not committed any Prohibited Act set forth in Section A, and that award of the Contract to the Applicant would not violate the provisions of such Section or of the Code.

**B. BID-RIGGING OR BID ROTATING**

**THE APPLICANT HEREBY CERTIFIES THAT:** *In accordance with 720 ILCS 5/33 E-11, neither the Applicant nor any Affiliated Entity is barred from award of this Contract as a result of a conviction for the violation of State laws prohibiting bid-rigging or bid rotating.*

**C. DRUG FREE WORKPLACE ACT**

**THE APPLICANT HEREBY CERTIFIES THAT:** The Applicant will provide a drug free workplace, as required by (30 ILCS 580/3).

**D. DELINQUENCY IN PAYMENT OF TAXES**

**THE APPLICANT HEREBY CERTIFIES THAT:** *The Applicant is not an owner or a party responsible for the payment of any tax or fee administered by Cook County, such as bar award of a contract or subcontract pursuant to the Code, Chapter 34, Section 34-171.*

**E. HUMAN RIGHTS ORDINANCE**

No person who is a party to a contract with Cook County ("County") shall engage in unlawful discrimination or sexual harassment against any individual in the terms or conditions of employment, credit, public accommodations, housing, or provision of County facilities, services or programs (Code Chapter 42, Section 42-30 *et seq.*).

**F. ILLINOIS HUMAN RIGHTS ACT**

**THE APPLICANT HEREBY CERTIFIES THAT:** *It is in compliance with the Illinois Human Rights Act (775 ILCS 5/2-105), and agrees to abide by the requirements of the Act as part of its contractual obligations.*

**G. INSPECTOR GENERAL (COOK COUNTY CODE, CHAPTER 34, SECTION 34-174 and Section 34-250)**

The Applicant has not willfully failed to cooperate in an investigation by the Cook County Independent Inspector General or to report to the Independent Inspector General any and all information concerning conduct which they know to involve corruption, or other criminal activity, by another county employee or official, which concerns his or her office of employment or County related transaction.

The Applicant has reported directly and without any undue delay any suspected or known fraudulent activity in the County's Procurement process to the Office of the Cook County Inspector General.

**H. CAMPAIGN CONTRIBUTIONS (COOK COUNTY CODE, CHAPTER 2, SECTION 2-585)**

**THE APPLICANT CERTIFIES THAT:** It has read and shall comply with the Cook County's Ordinance concerning campaign contributions, which is codified at Chapter 2, Division 2, Subdivision II, Section 585, and can be read in its entirety at [www.municode.com](http://www.municode.com).

**I. GIFT BAN, (COOK COUNTY CODE, CHAPTER 2, SECTION 2-574)**

**THE APPLICANT CERTIFIES THAT:** It has read and shall comply with the Cook County's Ordinance concerning receiving and soliciting gifts and favors, which is codified at Chapter 2, Division 2, Subdivision II, Section 574, and can be read in its entirety at [www.municode.com](http://www.municode.com).

**J. LIVING WAGE ORDINANCE PREFERENCE (COOK COUNTY CODE, CHAPTER 34, SECTION 34-160;**

Unless expressly waived by the Cook County Board of Commissioners, the Code requires that a living wage must be paid to individuals employed by a Contractor which has a County Contract and by all subcontractors of such Contractor under a County Contract, throughout the duration of such County Contract. The amount of such living wage is annually by the Chief Financial Officer of the County, and shall be posted on the Chief Procurement Officer's website.

The term "Contract" as used in Section 4, I, of this EDS, specifically excludes contracts with the following:

- 1) Not-For Profit Organizations (defined as a corporation having tax exempt status under Section 501(C)(3) of the United State Internal Revenue Code and recognized under the Illinois State not-for-profit law);
- 2) Community Development Block Grants;
- 3) Cook County Works Department;
- 4) Sheriff's Work Alternative Program; and
- 5) Department of Correction inmates.

**SECTION 3**

**REQUIRED DISCLOSURES**

**1. DISCLOSURE OF LOBBYIST CONTACTS**

List all persons that have made lobbying contacts on your behalf with respect to this contract:

Name	Address
None.	
_____	_____
_____	_____
_____	_____

**2. LOCAL BUSINESS PREFERENCE STATEMENT (CODE, CHAPTER 34, SECTION 34-230)**

*Local business* means a Person, including a foreign corporation authorized to transact business in Illinois, having a bona fide establishment located within the County at which it is transacting business on the date when a Bid is submitted to the County, and which employs the majority of its regular, full-time work force within the County. A Joint Venture shall constitute a Local Business if one or more Persons that qualify as a "Local Business" hold interests totaling over 50 percent in the Joint Venture, even if the Joint Venture does not, at the time of the Bid submittal, have such a bona fide establishment within the County.

a) Is Applicant a "Local Business" as defined above?

Yes:  \_\_\_\_\_ No:  \_\_\_\_\_

b) If yes, list business addresses within Cook County:

One South Wacker Drive., Suite 2650

Chicago, IL 60606

\_\_\_\_\_

\_\_\_\_\_

c) Does Applicant employ the majority of its regular full-time workforce within Cook County?

Yes:  \_\_\_\_\_ No:  \_\_\_\_\_

**3. THE CHILD SUPPORT ENFORCEMENT ORDINANCE (CODE, CHAPTER 34, SECTION 34-172)**

Every Applicant for a County Privilege shall be in full compliance with any child support order before such Applicant is entitled to receive or renew a County Privilege. When delinquent child support exists, the County shall not issue or renew any County Privilege, and may revoke any County Privilege.

**All Applicants are required to review the Cook County Affidavit of Child Support Obligations attached to this EDS (EDS-5) and complete the Affidavit, based on the instructions in the Affidavit.**

**4. REAL ESTATE OWNERSHIP DISCLOSURES.**

The Applicant must indicate by checking the appropriate provision below and providing all required information that either:

- a) The following is a complete list of all real estate owned by the Applicant in Cook County:

**PERMANENT INDEX NUMBER(S):** None.

**(ATTACH SHEET IF NECESSARY TO LIST ADDITIONAL INDEX NUMBERS)**

**OR:**

- b)  The Applicant owns no real estate in Cook County.

**5. EXCEPTIONS TO CERTIFICATIONS OR DISCLOSURES.**

If the Applicant is unable to certify to any of the Certifications or any other statements contained in this EDS and not explained elsewhere in this EDS, the Applicant must explain below:

N/A

If the letters, "NA", the word "None" or "No Response" appears above, or if the space is left blank, it will be conclusively presumed that the Applicant certified to all Certifications and other statements contained in this EDS.

**COOK COUNTY DISCLOSURE OF OWNERSHIP INTEREST STATEMENT**

The Cook County Code of Ordinances (§2-610 *et seq.*) requires that any Applicant for any County Action must disclose information concerning ownership interests in the Applicant. This Disclosure of Ownership Interest Statement must be completed with all information current as of the date this Statement is signed. Furthermore, this Statement must be kept current, by filing an amended Statement, until such time as the County Board or County Agency shall take action on the application. The information contained in this Statement will be maintained in a database and made available for public viewing. **County reserves the right to request additional information to verify veracity of information contained in this statement.**

If you are asked to list names, but there are no applicable names to list, you must state NONE. An incomplete Statement will be returned and any action regarding this contract will be delayed. A failure to fully comply with the ordinance may result in the action taken by the County Board or County Agency being voided.

"Applicant" means any Entity or person making an application to the County for any County Action.

"County Action" means any action by a County Agency, a County Department, or the County Board regarding an ordinance or ordinance amendment, a County Board approval, or other County agency approval, with respect to contracts, leases, or sale or purchase of real estate.

"Person" "Entity" or "Legal Entity" means a sole proprietorship, corporation, partnership, association, business trust, estate, two or more persons having a joint or common interest, trustee of a land trust, other commercial or legal entity or any beneficiary or beneficiaries thereof.

This Disclosure of Ownership Interest Statement must be submitted by :

- 1. An Applicant for County Action and
- 2. A Person that holds stock or a beneficial interest in the Applicant and is listed on the Applicant's Statement (a "Holder") must file a Statement and complete #1 only under **Ownership Interest Declaration.**

Please print or type responses clearly and legibly. Add additional pages if needed, being careful to identify each portion of the form to which each additional page refers.

This Statement is being made by the  Applicant or  Stock/Beneficial Interest Holder

This Statement is an:  Original Statement or  Amended Statement

**Identifying Information:**

Name Infrastructure Engineering Inc.

D/B/A: \_\_\_\_\_ FEIN # Only: 363527342

Street Address: 1 S. Wacker Dr., Ste. 2650

City: Chicago State: IL Zip Code: 60606

Phone No.: 312-425-9560 Fax Number: 312-425-9564 Email: msutton@infra-eng.com

Cook County Business Registration Number: N/A  
(Sole Proprietor, Joint Venture Partnership)

Corporate File Number (if applicable): N/A

**Form of Legal Entity:**

Sole Proprietor  Partnership  Corporation  Trustee of Land Trust

Business Trust  Estate  Association  Joint Venture

Other (describe) \_\_\_\_\_

**Ownership Interest Declaration:**

1. List the name(s), address, and percent ownership of each Person having a legal or beneficial interest (including ownership) of more than five percent (5%) in the Applicant/Holder.

Name	Address	Percentage Interest in Applicant/Holder
Michael Sutton	1839 Ashland Ave. Evanston, IL 60201	58.4%
Kashif Khan	12408 Gaskin Way Carmel, IN 46032	10.6%
Antoinette R. Coates	7725 S. Paxton Ave Chicago, IL 60649	10%
Ken Smorynski	3739 N. Bosworth Ave, Chicago, IL 60613	9%
Aaron Patterson	4823 S. Kenwood Ave., Chicago, IL 60615	7%

2. If the interest of any Person listed in (1) above is held as an agent or agents, or a nominee or nominees, list the name and address of the principal on whose behalf the interest is held.

Name of Agent/Nominee	Name of Principal	Principal's Address
None.		

3. Is the Applicant constructively controlled by another person or Legal Entity? [  ] Yes [  ] No  
If yes, state the name, address and percentage of beneficial interest of such person, and the relationship under which such control is being or may be exercised.

Name	Address	Percentage of Beneficial Interest	Relationship
None.			

**Corporate Officers, Members and Partners Information:**

For all corporations, list the names, addresses, and terms for all corporate officers. For all limited liability companies, list the names, addresses for all members. For all partnerships and joint ventures, list the names, addresses, for each partner or joint venture.

Name	Address	Title (specify title of Office, or whether manager or partner/joint venture)	Term of Office
Michael Sutton	1839 Ashland Ave. Evanston, IL 60201	CEO & Treasurer	1997-current
Ken Smorynski	3739 N. Bosworth Ave, Chicago, IL 60613	Secretary	2021-current

**Declaration (check the applicable box):**

- I state under oath that the Applicant has withheld no disclosure as to ownership interest in the Applicant nor reserved any information, data or plan as to the intended use or purpose for which the Applicant seeks County Board or other County Agency action.
- I state under oath that the Holder has withheld no disclosure as to ownership interest nor reserved any information required to be disclosed.

COOK COUNTY DISCLOSURE OF OWNERSHIP INTEREST STATEMENT SIGNATURE PAGE

Michael Sutton

CEO

Name of Authorized Applicant/Holder Representative (please print or type)

Title

*Michael Sutton*

8/9/2024

Signature

Date

msutton@infra-eng.com

312-425-9560

E-mail address

Phone Number

Subscribed to and sworn before me  
this 9th day of August, 2024.

My commission expires: 01/11/2026

X

*Siobhan Sutton*

Notary Public Signature

Notary Seal





**COOK COUNTY BOARD OF ETHICS**  
 69 W. WASHINGTON STREET, SUITE 3040  
 CHICAGO, ILLINOIS 60602  
 312/603-4304 Office 312/603-9988 Fax

**FAMILIAL RELATIONSHIP DISCLOSURE PROVISION**

**Nepotism Disclosure Requirement:**

Doing a significant amount of business with the County requires that you disclose to the Board of Ethics the existence of any familial relationships with any County employee or any person holding elective office in the State of Illinois, the County, or in any municipality within the County. The Ethics Ordinance defines a significant amount of business for the purpose of this disclosure requirement as more than \$25,000 in aggregate County leases, contracts, purchases or sales in any calendar year.

If you are unsure of whether the business you do with the County or a County agency will cross this threshold, err on the side of caution by completing the attached familial disclosure form because, among other potential penalties, any person found guilty of failing to make a required disclosure or knowingly filing a false, misleading, or incomplete disclosure will be prohibited from doing any business with the County for a period of three years. The required disclosure should be filed with the Board of Ethics by January 1 of each calendar year in which you are doing business with the County and again with each bid/proposal/quotation to do business with Cook County. The Board of Ethics may assess a late filing fee of \$100 per day after an initial 30-day grace period.

The person that is doing business with the County must disclose his or her familial relationships. If the person on the County lease or contract or purchasing from or selling to the County is a business entity, then the business entity must disclose the familial relationships of the individuals who are and, during the year prior to doing business with the County, were:

- its board of directors,
- its officers,
- its employees or independent contractors responsible for the general administration of the entity,
- its agents authorized to execute documents on behalf of the entity, and
- its employees who directly engage or engaged in doing work with the County on behalf of the entity.

Do not hesitate to contact the Board of Ethics at (312) 603-4304 for assistance in determining the scope of any required familial relationship disclosure.

**Additional Definitions:**

“*Familial relationship*” means a person who is a spouse, domestic partner or civil union partner of a County employee or State, County or municipal official, or any person who is related to such an employee or official, whether by blood, marriage or adoption, as a:

- |                                  |  |                                       |
|----------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Parent  | <input type="checkbox"/> Grandparent     | <input type="checkbox"/> Stepfather   |
| <input type="checkbox"/> Child   | <input type="checkbox"/> Grandchild      | <input type="checkbox"/> Stepmother   |
| <input type="checkbox"/> Brother | <input type="checkbox"/> Father-in-law   | <input type="checkbox"/> Stepson      |
| <input type="checkbox"/> Sister  | <input type="checkbox"/> Mother-in-law   | <input type="checkbox"/> Stepdaughter |
| <input type="checkbox"/> Aunt    | <input type="checkbox"/> Son-in-law      | <input type="checkbox"/> Stepbrother  |
| <input type="checkbox"/> Uncle   | <input type="checkbox"/> Daughter-in-law | <input type="checkbox"/> Stepsister   |
| <input type="checkbox"/> Niece   | <input type="checkbox"/> Brother-in-law  | <input type="checkbox"/> Halfbrother  |
| <input type="checkbox"/> Nephew  | <input type="checkbox"/> Sister-in-law   | <input type="checkbox"/> Halfsister   |

**COOK COUNTY BOARD OF ETHICS  
FAMILIAL RELATIONSHIP DISCLOSURE FORM**

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**A. PERSON DOING OR SEEKING TO DO BUSINESS WITH THE COUNTY**

Name of Person Doing Business with the County: Infrastructure Engineering Inc.

Address of Person Doing Business with the County: 1 S. Wacker Dr., Ste. 2650, Chicago, IL 60606

Phone number of Person Doing Business with the County: 312-425-9560

Email address of Person Doing Business with the County: msutton@infra-eng.com

If Person Doing Business with the County is a Business Entity, provide the name, title and contact information for the individual completing this disclosure on behalf of the Person Doing Business with the County:

Kenneth Smorynski, Vice President, Chicago Operations 1 S. Wacker Dr., Ste. 2650, Chicago, IL 60606

ksmorynski@infrastructure-eng.com

**B. DESCRIPTION OF BUSINESS WITH THE COUNTY**

*Append additional pages as needed and for each County lease, contract, purchase or sale sought and/or obtained during the calendar year of this disclosure (or the proceeding calendar year if disclosure is made on January 1), identify:*

The lease number, contract number, purchase order number, request for proposal number and/or request for qualification number associated with the business you are doing or seeking to do with the County: \_\_\_\_\_

2316-05022D

The aggregate dollar value of the business you are doing or seeking to do with the County: \$8Million

The name, title and contact information for the County official(s) or employee(s) involved in negotiating the business you are doing or seeking to do with the County: Lillian Lee Sr. Contract Negotiator ; lillian.lee@cookcountyll.gov

The name, title and contact information for the County official(s) or employee(s) involved in managing the business you are doing or seeking to do with the County: nathan Roseberry ; nathan.roseberry@cookcountyll.gov

**C. DISCLOSURE OF FAMILIAL RELATIONSHIPS WITH COUNTY EMPLOYEES OR STATE, COUNTY OR MUNICIPAL ELECTED OFFICIALS**

*Check the box that applies and provide related information where needed*

- The Person Doing Business with the County **is an individual** and there is **no familial relationship** between this individual and any Cook County employee or any person holding elective office in the State of Illinois, Cook County, or any municipality within Cook County.
- The Person Doing Business with the County **is a business entity** and there is **no familial relationship** between any member of this business entity’s board of directors, officers, persons responsible for general administration of the business entity, agents authorized to execute documents on behalf of the business entity or employees directly engaged in contractual work with the County on behalf of the business entity, and any Cook County employee or any person holding elective office in the State of Illinois, Cook County, or any municipality within Cook County.

**COOK COUNTY BOARD OF ETHICS  
FAMILIAL RELATIONSHIP DISCLOSURE FORM**

The Person Doing Business with the County **is an individual** and **there is a familial relationship** between this individual and at least one Cook County employee and/or a person or persons holding elective office in the State of Illinois, Cook County, and/or any municipality within Cook County. **The familial relationships are as follows:**

Name of Individual Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
N/A			

*If more space is needed, attach an additional sheet following the above format.*

The Person Doing Business with the County **is a business entity** and **there is a familial relationship** between at least one member of this business entity’s board of directors, officers, persons responsible for general administration of the business entity, agents authorized to execute documents on behalf of the business entity and/or employees directly engaged in contractual work with the County on behalf of the business entity, on the one hand, and at least one Cook County employee and/or a person holding elective office in the State of Illinois, Cook County, and/or any municipality within Cook County, on the other. **The familial relationships are as follows:**

Name of Member of Board of Director for Business Entity Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
N/A			

Name of Officer for Business Entity Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
N/A			

Name of Person Responsible for the General Administration of the Business Entity Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
---	--	--	----------------------------------

N/A

Name of Agent Authorized to Execute Documents for Business Entity Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
--	--	--	----------------------------------

N/A

Name of Employee of Business Entity Directly Engaged in Doing Business with the County	Name of Related County Employee or State, County or Municipal Elected Official	Title and Position of Related County Employee or State, County or Municipal Elected Official	Nature of Familial Relationship*
--	--	--	----------------------------------

N/A

*If more space is needed, attach an additional sheet following the above format.*

**VERIFICATION:** To the best of my knowledge, the information I have provided on this disclosure form is accurate and complete. I acknowledge that an inaccurate or incomplete disclosure is punishable by law, including but not limited to fines and debarment.

  
 \_\_\_\_\_  
 Signature of Recipient

8/9/2024  
 \_\_\_\_\_  
 Date

**SUBMIT COMPLETED FORM TO:** Cook County Board of Ethics  
 69 West Washington Street, Suite 3040, Chicago, Illinois 60602  
 Office (312) 603-4304 – Fax (312) 603-9988  
 CookCounty.Ethics@cookcountyil.gov

\* Spouse, domestic partner, civil union partner or parent, child, sibling, aunt, uncle, niece, nephew, grandparent or grandchild by blood, marriage (i.e. in laws and step relations) or adoption.

SECTION 4

**COOK COUNTY AFFIDAVIT FOR WAGE THEFT ORDINANCE**

Effective May 1, 2015, every Person, **including Substantial Owners**, seeking a Contract with Cook County must comply with the Cook County Wage Theft Ordinance set forth in Chapter 34, Article IV, Section 179. Any Person/Substantial Owner, who fails to comply with Cook County Wage Theft Ordinance, may request that the Chief Procurement Officer grant a reduction or waiver in accordance with Section 34-179(d).

"Contract" means any written document to make Procurements by or on behalf of Cook County.

"Person" means any individual, corporation, partnership, Joint Venture, trust, association, limited liability company, sole proprietorship or other legal entity.

"Procurement" means obtaining supplies, equipment, goods, or services of any kind.

"Substantial Owner" means any person or persons who own or hold a twenty-five percent (25%) or more percentage of interest in any business entity seeking a County Privilege, including those shareholders, general or limited partners, beneficiaries and principals; except where a business entity is an individual or sole proprietorship, Substantial Owner means that individual or sole proprietor.

All Persons/Substantial Owners are required to complete this affidavit and comply with the Cook County Wage Theft Ordinance before any Contract is awarded. Signature of this form constitutes a certification the information provided below is correct and complete, and that the individual(s) signing this form has/have personal knowledge of such information. **County reserves the right to request additional information to verify veracity of information contained in this Affidavit.**

**I. Contract Information:**

Contract Number: 2316-05022  
County Using Agency (requesting Procurement): Department of Transportation and Highways

**II. Person/Substantial Owner Information:**

Person (Corporate Entity Name): Infrastructure Engineering Inc.  
Substantial Owner Complete Name: Michael Sutton  
FEIN# 363527342



E-mail address: msutton@infra-eng.com

Street Address: 1 S. Wacker Dr., Ste. 2650, Chicago, IL 60606

City: Chicago State: IL Zip: 60606



**III. Compliance with Wage Laws:**

Within the past five years has the Person/Substantial Owner, in any judicial or administrative proceeding, been convicted of, entered a plea, made an admission of guilt or liability, or had an administrative finding made for committing a repeated or willful violation of any of the following laws:

- No *Illinois Wage Payment and Collection Act, 820 ILCS 115/1 et seq., YES or NO*
- No *Illinois Minimum Wage Act, 820 ILCS 105/1 et seq., YES or NO*
- No *Illinois Worker Adjustment and Retraining Notification Act, 820 ILCS 65/1 et seq., YES or NO*
- No *Employee Classification Act, 820 ILCS 185/1 et seq., YES or NO*
- No *Fair Labor Standards Act of 1938, 29 U.S.C. 201, et seq., YES or NO*
- No *Any comparable state statute or regulation of any state, which governs the payment of wages YES or NO*

If the Person/Substantial Owner answered "Yes" to any of the questions above, it is ineligible to enter into a Contract with Cook County, but can request a reduction or waiver under **Section IV**.

**IV. Request for Waiver or Reduction**

If Person/Substantial Owner answered "Yes" to any of the questions above, it may request a reduction or waiver in accordance with Section 34-179(d), provided that the request for reduction of waiver is made on the basis of one or more of the following actions that have taken place:

- No            There has been a bona fide change in ownership or Control of the ineligible Person or Substantial Owner. YES or NO
- No            Disciplinary action has been taken against the individual(s) responsible for the acts giving rise to the violation. YES or NO
- No            Remedial action has been taken to prevent a recurrence of the acts giving rise to the disqualification or default. YES or NO
- No            Other factors that the Person or Substantial Owner believe are relevant. YES or NO

The Person/Substantial Owner must submit documentation to support the basis of its request for a reduction or waiver. The Chief Procurement Officer reserves the right to make additional inquiries and request additional documentation.

**V. Affirmation**

The Person/Substantial Owner affirms that all statements contained in the Affidavit are true, accurate and complete.

Signature: Michael Sutton Date: 8/9/2024

Name of Person signing (Print): Michael Sutton Title: CEO

Subscribed and sworn to before me this 9th day of August, 2024

X Siobhan Sutton  
Notary Public Signature

Notary Seal

Note: The above information is subject to verification prior to the award of the Contract.



SECTION 5

CONTRACT AND EDS EXECUTION PAGE

The Applicant hereby certifies and warrants that all of the statements, certifications and representations set forth in this EDS are true, complete and correct; that the Applicant is in full compliance and will continue to be in compliance throughout the term of the Contract or County Privilege issued to the Applicant with all the policies and requirements set forth in this EDS; and that all facts and information provided by the Applicant in this EDS are true, complete and correct. The Applicant agrees to inform the Chief Procurement Officer in writing if any of such statements, certifications, representations, facts or information becomes or is found to be untrue, incomplete or incorrect during the term of the Contract or County Privilege.

Execution by Corporation

Infrastructure Engineering Inc.  
Corporation's Name  
312-425-9560  
Telephone  
Ken Smogorzinski  
Secretary Signature

Kashif Khan  
President's Printed Name and Signature  
kkhan@infrastructure-eng.com  
Email  
8/9/2024  
Date

Execution by LLC

LLC Name  
Date

\*Member/Manager Printed Name and Signature  
Telephone and Email

Execution by Partnership/Joint Venture

Partnership/Joint Venture Name  
Date

\*Partner/Joint Venturer Printed Name and Signature  
Telephone and Email

Execution by Sole Proprietorship

Printed Name Signature  
Date

Assumed Name (if applicable)  
Telephone and Email

Subscribed and sworn to before me this

9th day of August, 2024.

Siobhan Sutton  
Notary Public Signature

My commission expires:

01/11/2026

Notary Seal



\*If the operating agreement, partnership agreement or governing documents requiring execution by multiple members, managers, partners, or joint venturers, please complete and execute additional Contract and EDS Execution Pages.

**SECTION 6  
COOK COUNTY SIGNATURE PAGE**

ON BEHALF OF THE COUNTY OF COOK, A BODY POLITIC AND CORPORATE OF THE STATE OF ILLINOIS, THIS CONTRACT IS HEREBY EXECUTED BY:

**Raffi  
Sarraffian**

Digitally signed by Raffi Sarraffian  
Date: 2025.04.24 11:19:05 -05'00'

\_\_\_\_\_  
Cook County Chief Procurement Officer

\_\_\_\_\_  
Date

APPROVED AS TO FORM:

*Brian Tracy*

\_\_\_\_\_  
Assistant State's Attorney  
(Required on contracts over \$1,000,000)

\_\_\_\_\_  
Date

**CONTRACT TERM & AMOUNT**

2316-05022D

\_\_\_\_\_  
Contract #

April 15, 2025 through April 14, 2030

\_\_\_\_\_  
Original Contract Term

\_\_\_\_\_  
Renewal Options (If Applicable)

\$8,000,000.00

\_\_\_\_\_  
Contract Amount

March 13, 2025

\_\_\_\_\_  
Cook County Board Approval Date (If Applicable)

**APPROVED BY THE BOARD OF  
COOK COUNTY COMMISSIONERS**

**MAR 13 2025**

**COM** \_\_\_\_\_