

PROFESSIONAL SERVICES AGREEMENT

Preliminary Engineering Services

1st Avenue and Union Pacific Grade Separation (CREATE GS12)

BETWEEN



COOK COUNTY GOVERNMENT

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS

AND

AECOM TECHNICAL SERVICES, INC.

Contract No. 2485-04041A

Section No. 24-1STUP-00-GS

PURCHASE ORDER NO. 70000381809

FEDERALLY FUNDED CONTRACT

PROFESSIONAL SERVICES AGREEMENT

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- 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 AECOM Technical Services, Inc., doing business as a Corporation of the State of California hereinafter referred to as “Consultant”, pursuant to authorization by the Cook County Board of Commissioners on November 20th, 2025, as evidenced by Board Authorization letter attached hereto as EXHIBIT “1”.

BACKGROUND

The County of Cook issued a Request for Qualifications “RFQ” for 1st Avenue and Union Pacific Grade Separation (CREATE GS12). 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 | Disadvantage 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 2, 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 3, Key Personnel.

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) **Disadvantage Business Enterprises Commitment**

In the performance of this Agreement, including the procurement and lease of materials or equipment, Consultant must abide by the Disadvantage business enterprise commitment requirements of the Cook County except to the extent waived by the Compliance Director, which are set forth in Exhibit 5. Consultant's completed DBE Utilization Plan evidencing its compliance with this requirement is a part of this Agreement, in Forms 1 & 2 of the DBE Utilization Plan, upon acceptance by the Compliance Director. Consultant must utilize Disadvantage business enterprises at the greater of the amounts committed to by the Consultant for this Agreement in accordance with Forms 1 & 2 of the DBE 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.

l) 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 December 1st, 2025 ("**Effective Date**") and continue until November 30th, 2028 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 4. 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 elect 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 4, Schedule of Compensation. Payments under this Agreement must not exceed the dollar amount shown in Exhibit 4 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 and further provided that the total cost of all such amendments does not increase the total amount of the Contract beyond \$200,000. Such action may only be made with the advance written approval of the Chief Procurement Officer. If the amendment increases the total award amount beyond \$200,000 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 sub agreement 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. 2485-04041A
 Attention: Superintendent

and

Office of the Chief Procurement Officer
161 North Clark Street, Suite 2300
Chicago, Illinois 60602
Contract No. 2485-04041A
Attention: Cook County Chief Procurement Officer

If to Consultant: AECOM Technical Services, Inc.
130 E. Randolph Street, Suite 2400
Chicago, Illinois 60601
Contract No. 2485-04041A
Attention: Tim Whalen, Vice President

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

EXHIBIT 2

Scope of Services

**Preliminary Engineering Services
1st Avenue and Union Pacific Grade Separation (CREATE GS12)**

**CONTRACT NO. 2485-04041A
SECTION NO. 24-1STUP-00-GS**

DESCRIPTION OF ENGINEERING SERVICES

OVERVIEW

The Cook County Department of Transportation and Highways (CCDOTH) is seeking Preliminary Engineering Services and Preparation of Phase I Study for the 1st Avenue and Union Pacific Railroad Grade Separation (CREATE GS12). This project includes the preparation of a full preliminary engineering and environmental (Phase I) study (through design approval) for a potential grade separation of 1st Avenue where it crosses the Union Pacific Railroad (UPRR) / Metra tracks located in the Village of Maywood along with preparation of land use and urban design recommendations for the neighborhood immediately surrounding the project for each alternative to be carried forward. Coordination with the existing crossing at 5th Street will be considered, with some type of advance warning system concept developed for the crossing in conjunction with the alternatives analysis.

The Phase I will likely follow the Illinois Department of Transportation's (IDOT's) National Environmental Policy Act (NEPA) scoping process by establishing the "Purpose and Need"; identifying and assessing reasonable alternatives that are technically and economically feasible and accomplish the underlying Purpose and Need; and Preferred Alternative documentation to be prepared and coordinated with the NEPA/Section 404 Merger Team. Major deliverables will likely include a Project Development Report (PDR) for Categorical Exclusion (CE) – Federal Approval, Type, Size and Location Plans (TS&L), Location Drainage Study (LDS), and a Subarea Traffic Study. Other deliverables noted below in the individual tasks will be prepared to support the aforementioned documents. Exact processing and deliverables will be coordinated through coordination with IDOT. The Phase I study is federally funded by the Surface Transportation Program (STP) Shared funds.

The AECOM Team will develop and evaluate reasonable alternatives that are technically and economically feasible and a preliminary evaluation of these alternatives will be conducted to determine which alternatives have a fatal flaw (e.g. engineering feasibility) and which alternatives will meet the Purpose and Need of the project. Those alternatives that do not have a fatal flaw and that meet the Purpose and Need of the project will constitute the range of reasonable alternatives. The reasonable alternatives will then be subject to more in-depth evaluation, increasing in detail as the alternatives analyses progresses. The "no-build" alternative and alternatives that are provided to the design team through public and agency coordination will also be considered.

Traffic, economic and environmental impacts of the selected reasonable alternatives will be evaluated in accordance with the guidelines set forth in the IDOT Bureau of Local Roads and Streets (BLRS) Manual.

AECOM Technical Services, Inc. (AECOM) will lead a team that includes GSG Consultants, Inc., Peralte-Clark, R.M. Chin & Associates, Rubinos & Mesia Engineers, Inc., and Sanchez & Associates, P.C. to deliver the Phase I Study.

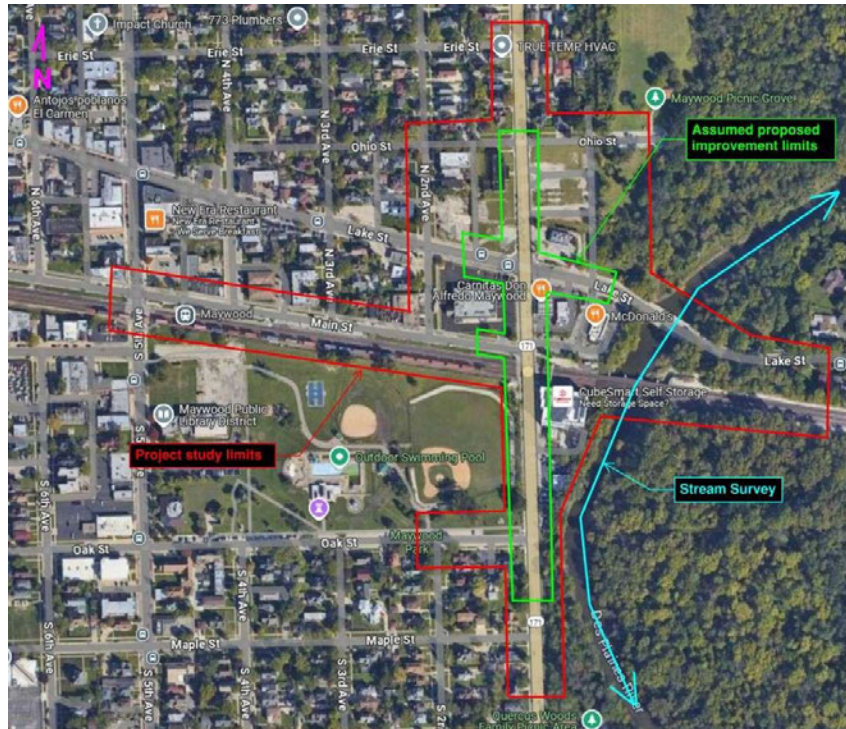


Exhibit 1 – Phase I Study Project Limits

DETAILED SCOPE OF SERVICES

Task 1 – Data Collection

The AECOM team will perform the following existing data collection and analysis tasks for the project:

- Collect field data on existing roadway and rail conditions including signage inventory, bicycle/pedestrian facilities, gate down time and train counts at existing at-grade crossings in the project study area
- Obtain, review, and incorporate information from any existing as-built plans, specifications, and addenda as well as prior feasibility studies
- Coordinate with local stakeholders to understand current and future land use plans near the project area prior to initiating alternative development
- Create an existing data tracking log
- Create existing conditions exhibit showing the key project constraints

It is anticipated that IDOT/CCDOH/Village of Maywood will provide the following as part of Task 1 – Data Collection:

- Traffic signal timings at 14 intersections listed below in Task 6 (IDOT/Village of Maywood)

- Crash data at 14 intersections listed below in Task 6 (CCDOETH)
- Development/Site plan drawings for adjacent properties (Village of Maywood)
- Existing as-builts of past roadway improvement projects (IDOT/Village of Maywood)

Utility Investigation and Coordination

AECOM will utilize the existing utility information provided by Sanchez and create a utility conflicts log based on the proposed design of the preferred alternative documenting the anticipated conflicts between the existing utilities and the proposed design. This log will be included in the project report and distributed to all impacted utility companies.

Sanchez & Associates, P.C. (Sanchez) is responsible for contacting JULIE and performing Level D, C, and B utility locates and the creation of SUE sheets as detailed in *Attachment 1* (Sanchez's detailed scope of services).

AECOM will provide subconsultant coordination efforts as part of Task 1.

Deliverables include:

- Existing Data Tracking Log
- Existing Conditions Exhibit
- Existing sign inventory photo log
- Utility conflicts log
- Utility coordination letters

Task 2 – Surveying

Sanchez & Associates, P.C. (Sanchez) is responsible for performing survey work. Refer to *Attachment 1* for Sanchez's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 2.

Task 3 – Geotechnical/Pavement Analysis

GSG Consultants, Ltd. (GSG) is responsible for performing the Geotechnical and pavement analysis. Refer to *Attachment 2* for GSG's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 3.

Task 4 – Environmental Studies

Prepare Biological and Cultural ESR Screening Forms and subsequently the Environmental Survey Request (ESR) and obtain all required environmental clearances for the project. Assume two ESR submittals. The initial submittal will include a "desktop" survey of available information from the IDNR and USFWS for threatened and endangered species. A photolog of structures older than 40 years will be provided. The ESR and the Illinois HARGIS Site will provide supplemental information for cultural and historic resources. An addendum ESR is included in the scope to update the environmental conditions as needed.

Based on the wetland delineations provided by GSG, and the proposed project improvements limits, a Wetland Impact Evaluation (WIE) form will be prepared and submitted. This will include potential wetland impact exhibits and an evaluation of wetland impacts.

Sections 4(f) and 106 documentation and coordination. There are five known historic (Section 106) sites or public lands (Section 4(f)/6(f)) within the project area that may be affected, including:

- Maywood Home for Soldiers' Widows
- Underground Railroad Memorial
- Veterans Memorial Maywood Park
- Mads C. Larson House
- Forest Preserve District of Cook County

The Section 106 and 4(f) processes will be followed to document these sites, provide a photo-log, and to determine potential impacts. We are assuming a de minimis level of documentation will be required. AECOM will coordinate with the local community, SHPO, and other parties as needed (up to 5 in-person or virtual meetings) to secure the clearances necessary to allow the project to proceed. Public notices would also be required for the approval process.

404 Permitting. Is not included with this scope of work and will be deferred to Phase II.

Community Impacts. A grade separation can introduce various changes to a community. These may be in the form of travel pattern changes, neighborhood severances, separation of residential and service areas, and aesthetics. An evaluation of potential community impacts will be provided.

GSG Consultants, Ltd. (GSG) is responsible for performing additional environmental tasks. Refer to *Attachment 2* for GSG's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 4.

Deliverables Include:

- ESR Submittal
- AESR Submittal
- Wetland Impact Evaluation Form (WIE)
- 4(f) de-minimis reports
- Section 106 historic coordination

Task 5 – Drainage Studies

- Review of Existing Drainage Data - This task involves reviewing information provided by IDOT-Hydraulics and the Village of Maywood, including existing drainage / hydraulic studies and contract drawings within the project vicinity. As a portion of the Des Plaines River floodplain project falls within a floodplain extending across 1st Avenue just south of the grade crossing within the project limits, the design team will coordinate with IDOT-Hydraulics to determine if relevant hydrologic and hydraulic analyses have already been performed and are readily available for the UPRR & Des Plaines River waterway crossing. Additionally, as this is part of a Zone AE floodplain, we assume that the effective (HEC-2) hydraulic model that includes the relevant hydrologic information can be

obtained from FEMA. The design team will obtain feedback on any existing flooding concerns. This information will be used to help resolve flooding concerns during LDS development. The design team will also reach out to CDWM to obtain existing information related to sewer atlases to be reviewed in detail to determine the best proposed approach to overall design.

- Survey and Field Verification – The Phase I study will require performing field checks to verify the drainage survey vs. as-built drawings vs. previous drainage / hydraulic studies performed along the corridor for IDOT. The field visits will also help verify overflows from adjacent local roads, tributary areas to the various outlets, and note any existing flooding conditions / concerns not noted in the pavement incident reports. Survey will obtain the most up-to-date invert elevations and pipe sizes. This information will also be useful to evaluate any proposed utility or structure foundation locations so that conflicts can be identified and/or avoided.
- Drainage Design Alternative Analysis – Drainage design support shall be included for up to three alternatives to compare high-level detention & proposed drainage improvements for the purpose of comparing and selecting the preferred alternative. Detailed detention storage and storm sewer design calculations will not be included as part of these high-level alternative studies.
- Location Drainage Study (LDS): Once the preferred alternative is selected, prepare a Location Drainage Study of the project site including an analysis of the existing drainage system, an analysis of existing outlets, an evaluation of the need for storm water detention and compensatory storage, and design of proposed drainage improvements. Identify sensitive outfalls and complete the drainage report in accordance with IDOT Drainage requirements and the requirements of the MWRD Watershed Management Ordinance (WMO). LDS shall meet all IDOT requirements.
- Stormwater Detention/Management Plan: Identify and recommend a preferred stormwater detention solution. Provide preliminary design of detention facilities that include anticipated layout, outfalls, volume, and elevations.
- Temporary Drainage: Once the preferred alternative is selected the design team will prepare a high-level temporary drainage layout for the temporary roadway runaround to construct the underpass/overpass. This layout would include rerouting the existing combined sewer system to the adjacent side streets and constructing a temporary proposed drainage system to drain the temporary pavement. The temporary drainage system will be designed for the 2-year storm event.
- Compensatory Storage: Compute compensatory storage calculations suitable for preliminary design as applicable. Prepare a preliminary grading plan showing compensatory storage for work within regulatory wetland and floodplain areas. Prepare preliminary grading plans or cross sections as appropriate for compensatory storage areas for work within the floodplain. Compute compensatory storage calculations suitable for preliminary design.
- Optional scope – Pump Station Hydraulic Report: It is anticipated that a pump station hydraulic report will be required if the underpass option is chosen. This work would include developing an XP SWMM model for existing/proposed conditions, determining preliminary pump sizes and number of pumps, pump turn on/off elevations, sizing of the wet well, and any underground storage facility and/or oversized pipes required to maintain the outflow release rates to the Village's sewer system.

- Optional scope – Bridge Hydraulic Report: Depending on the extent of the geometric improvements, a hydraulic report will be developed for the Des Plaines River crossing of Lake Street. The proposed bridge will be designed to meet IDNR-OWR requirements by not increasing the 100-year headwater elevation by more than 0.10 ft, while obtaining a 2 ft clearance between the 50-year natural highwater elevation and the low beam of the bridge. The waterway information tables will be developed for the effective and design models.

Deliverables include:

- Location Drainage Study
- Pump Station Hydraulic Report (with the underpass option)
- Bridge Hydraulic Report (depending on extent of geometric improvements)

Task 6 – Traffic and Crash Studies

Traffic Data Collection

AECOM will obtain 48-hour traffic counts at the following 14 intersections:

- North 1st Avenue and Chicago Avenue
- North 1st Avenue and Lake Street
- 1st Avenue and Main Street
- South 1st Avenue and Oak Street
- South 1st Avenue and Washington Boulevard
- North 5th Avenue and Chicago Avenue
- North 5th Avenue and Lake Street
- 5th Avenue and Main Street
- South 5th Avenue and St. Charles Road
- South 5th Avenue and Oak Street
- South 5th Avenue and Washington Boulevard
- Thatcher Avenue and Chicago Avenue
- Thatcher Avenue and Lake Street
- Thatcher Avenue and Washington Boulevard

The traffic counts will be performed on a Tuesday/Wednesday or Wednesday/Thursday during a non-holiday week while school is in session. Traffic counts will include classifications by Passenger cars (PC), Single Unit Truck (SU), and Multiple Unit Truck (MU) on a 15-minute interval. Pedestrian and bicycle counts will also be included. Bicycle counts will differentiate between bicycles riding on roadway and bicycles in crosswalks. Motorcycles should be considered included with Passenger Cars (PCs). Traffic video cameras will be deployed for data collection. All cameras shall be pointed in the direction of the UP railroad tracks and gate downtime information will be requested from UP. The video will be sent to Miovision for processing and the data will be converted into volume diagram exhibits by AECOM. IDOT will provide existing signal timings and record drawings for intersections under State jurisdiction and the Village of Maywood will provide existing signal timings and record drawings for intersections under local jurisdiction, if available. In addition, the AECOM team will review the Miovision video to determine a 48-hour weekday train count and record the gate down time for the UP Railroad at the 1st Avenue grade crossing.

CMAP Coordination

The AECOM team will coordinate with the Chicago Metropolitan Agency for Planning (CMAP) for 2050 projected average daily traffic (ADT) volumes for the intersection locations listed above for four scenarios:

- No Build opening year
- Build opening year
- No Build 2050
- Build 2050

The team will develop exhibits that show existing and projected ADTs and design hourly volumes (DHVs) for five scenarios (existing conditions plus the four No Build and Build scenarios listed above). The Design Hourly Volumes will be calculated and balanced for all four No Build and Build scenarios.

Existing & No-Build Capacity Analysis

This task performs capacity analysis for the existing conditions and for the no-build scenarios in the project's opening year and 2050 for the 14 intersections identified above. Capacity analysis will be performed utilizing Synchro 12 software for AM and PM weekday peak hours.

Alternatives Capacity Analysis

This task performs capacity analysis using Synchro 12 software for AM and PM weekday peak hours for the project's opening year and 2050 for each of the three finalist alternatives at up to five intersection locations per alternative for the purposes of a comparative analysis and selection of the preferred alternative. Capacity analysis will be performed utilizing Synchro 12 software for AM and PM weekday peak hours.

Preferred Alternative Capacity Analysis

This task performs proposed capacity analysis for design year 2050 for the selected preferred alternative at the 14 intersections (or comparable locations) listed above. Capacity analysis will be performed utilizing Synchro 12 software for AM and PM weekday peak hours.

The capacity analysis results will be included in the IDS deliverables as outlined in Task 7. Red-time queue calculations will be performed. AECOM will provide recommendations related to signal phasing, timing, and coordination; potential geometric changes, including turn lane storage lengths, where necessary. Signal warrant analysis will also be provided for up to five (5) intersections. Design variances and exceptions, if necessary, for level of service, storage, and taper lengths will be included in the analysis with justification.

The location of dynamic message signs will be identified for future use at the 5th Avenue/UP grade crossing for the purposes of informing the motoring public about alternate route availability.

Crash and Safety Analysis

AECOM will complete a safety analysis in accordance with IDOT BLRS requirements and CCDOTH standards. Traffic data and most recent 5-year crash data will be obtained for the project area and a safety analysis will be conducted for the proposed improvement limits in order to provide a predictive safety performance measure comparing the existing, no-build, and finalist alternative configurations. This analysis will be done using Highway Safety Manual (HSM) procedures and utilized to help evaluate the selection of the preferred

alternative and included in the project report. The safety analysis scope does not include any updates based on revisions to the crash or traffic data. This effort will include the following 5 safety analysis scenarios:

- Existing
- No-Build 2050
- Finalist Alternative 1
- Finalist Alternative 2
- Finalist Alternative 3

The safety analysis will be summarized in a safety memo and included in the project report.

Peralte-Clark (P-C) is responsible for performing the crash analysis tasks. Refer to *Attachment 3* for P-C's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 6.

Deliverables include:

- Existing traffic data and Miovision site access
- CMAP traffic projections
- Traffic memorandum with peak hour turning movement diagrams
- Synchro files for all capacity analyses performed
- Safety memorandum with crash diagrams

Task 7 – Alternatives Analysis & Geometrics

7.1 Alternatives Analysis

AECOM will perform an alternatives analysis for the project using value planning methodology and in accordance with NEPA requirements to determine the preferred alternative which will consist of the following steps:

- Analysis of existing condition data to determine the constraints, needs, and desires for the project. This will include preliminary outreach to users, owners, and stakeholders to document and understand the goals of the project (Public outreach is covered in Task 12 – Public Involvement)
- Development and approval of a project purpose and need statement by IDOT/FHWA and the NEPA/404 merger team as required
- An internal brainstorm session to develop a list of alternatives to be evaluated. Up to six (6) initial alternatives will be considered, likely to consist of the following.
 - No-build
 - RR GS – Over 1st Avenue
 - RR GS – Under 1st Avenue
 - Roadway GS – Over UPRR/Metra
 - Roadway GS – Under UPRR/Metra
 - One additional unidentified alternative
- These identified alternatives will undergo a high-level comparative analysis to determine feasibility and alignment with the purpose and need. A workshop meeting will be held with IDOT & CCDOTH

to present these high-level initial alternatives in PowerPoint format and identify if there are any additional alternatives that IDOT or CCDOTH would like the team to consider.

- AECOM will submit a Preliminary Alternatives Memorandum to IDOT D1 staff and CCDOTH staff soliciting formal feedback on the initial alternatives discussed in the workshop meeting and confirming the alternatives to be carried forward through the alternatives evaluation process.
- Once confirmation of the preliminary alternatives to be studied is achieved, AECOM will advance the development of these alternatives using a comparative analysis and evaluation criteria representing the needs and desires of the project.
- Once the preliminary alternatives have been developed to a sufficient level of detail and evaluated for feasibility and against the evaluation criteria developed for the project, AECOM will hold another CCDOTH/IDOT Alternatives discussion meeting as well as attend an IDOT/FHWA coordination meeting and/or NEPA/404 merger meeting to present the three (3) finalist alternatives to be carried forward and presented to the public. Prior to this meeting, each alternative being carried forward will be developed to a sufficient level of detail to allow for assessment of footprint needs and allow for the ability to quantify environmental, ROW, cost, and constructability impacts
- AECOM will then prepare a Finalist Alternatives Memorandum which presents the three most viable alternatives to move forward into detailed analysis. Plans for each finalist alternative to be carried forward will be developed to a sufficient level of detail to allow for assessment of footprint needs and allow for the ability to quantify environmental, ROW, cost, and constructability impacts. The memo will need to be reviewed and approved by IDOT/FHWA and the NEPA/404 merger team as required prior to presenting the three finalist alternatives to the public.
- Upon receiving public feedback, the three finalist alternatives will undergo a final round of detailed alternatives evaluation and comparative analysis that includes traffic operations and a planning-level cost comparison. The detailed analysis, relevant stakeholder feedback, and public feedback will be presented in a meeting with IDOT/CCDOTH and summarized in a memo and submitted to CCDOTH, IDOT, FHWA, and the NEPA/404 merger team to gain approval of the preferred alternative.
- Once concurrence is received, a final public meeting will be held (See Task 12) to present the preferred alternative to the public.
- After concurrence of the preferred alternative, AECOM will develop 30% plans and obtain IDOT approvals on all technical deliverables. Further scope detail and deliverables related to geometric design and plan development of the preferred alternative can be found in the subsequent Geometric Design scope section.

Peralte-Clark (P-C) will assist AECOM in the alternatives analysis and evaluation process. Refer to *Attachment 3* for P-C's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 7.

Deliverables related to alternatives analysis include:

- Purpose and Need Statement
- Preliminary Alternatives Presentation and Memorandum (including high-level typical sections and exhibits for 6 alternatives)
- Finalist Alternatives Presentation and Memorandum (including typical sections, plans, and exhibits)

- Preferred Alternative Presentation and Memorandum to obtain concurrence on the preferred alternative (including typical sections, plans, and exhibit)

7.3 Railroad Coordination

Throughout the alternatives analysis process, coordination with the Illinois Commerce Commission (ICC), Union Pacific Railroad (UP) and Metra will be conducted. The project team will hold coordination meetings during the data collection phase, alternatives evaluation phase, and for presentation of the final preferred alternative with the affected RR stakeholders. Concept exhibits and layout of any impacted RR facilities (including track and signal equipment) will be provided and coordinated at each meeting for both permanent conditions and potential temporary impacts or track configurations (such as a shoo-fly). A final Railroad impacts memorandum will be generated and agreement on the preferred alternative from the ICC will be obtained and included in the project report. All memorandum submittals (draft and final) will be first coordinated for comment through CCDOTH before submitting to the ICC.

Deliverables related to railroad coordination include:

- Three (3) virtual railroad coordination meetings
- Railroad Alternatives Memorandum (for documentation of ICC approval)

7.3 Site Improvements and Architectural Design

The engineering teams will work with the landscape architecture / architecture team early in design to consider site issues and opportunities within the scope area, including public realm and open space impacts. We will tour the site to review issues and opportunities, unique utilities and infrastructure, pedestrian, train and vehicular circulation, open space programming, and historic features.

AECOM will develop high level option diagrams and concept plans for streetscape improvements, potential open space expansion, approach conditions and architectural enhancements to retaining walls and over / underpasses for up to three alternative designs. For each of the three finalist alternatives, graphics provided by the AECOM team will include a preliminary site plan, one (1) wall / railing design elevation view, and one (1) section detail for the proposed improvements.

The site design team will develop content for the three public meetings and integrate client, partner agency and public feedback to generate the Preferred Alternative.

Deliverables include:

- Site Concept Plan for up to three alternative designs, including one (1) round of CCDOTH revisions
- Supporting presentation graphics including section, elevation and contextually relevant precedent images
- Preferred Alternative Plan and Section / Elevation, including one (1) round of CCDOTH revisions
- One site visit and up to eight (8) site and architectural design coordination meetings with stakeholders

7.4 Geometric Design

After selection of the preferred alternative, AECOM will refine the design and develop the required plans and documentation up to a Phase I quality (30% design) level as required for geometric approval by CCDOTH and IDOT. AECOM will utilize applicable CCDOTH and IDOT design and CAD standards.

The tasks and deliverables for this task are as follows:

- Design refinement of the preferred alternative
- Development of 30% CAD base files including:
 - Alignment
 - Profile
 - Geometry
 - Pavement Marking
 - Concept lighting and traffic signal locations
 - Construction limits
 - Proposed Right-of-Way
 - Autoturn
 - Sign distance calculations
 - Preliminary ADA and driveway layout
- Development of a preliminary 3D model and cross sections to aid in construction limits and right-of-way impact identification
- Draft 30% geometric submittal including:
 - Typical Sections (8 - 8.5x11 sheets)
 - Plan-profile sheets (5 - 50-scale sheets)
 - Cross section sheets (114 sections, every 50' plus driveways)
 - IDS Sheets up to 5 intersections
 - Plan sheets with capacity analysis tables (from Task 6 traffic analysis)
 - Profile sheets
 - AutoTURN sheets
 - ADA details (not included with draft submittal)
 - ADA project alert form (not included with draft submittal)
 - Design exception forms and exhibits
 - Packaging and submittal to IDOT
- Final 30% geometric submittal including:
 - Typical Sections (8 - 8.5x11 sheets)
 - Plan-profile sheets (6 - 50-scale sheets)
 - Cross section sheets (114 sections, every 50' plus driveways)
 - IDS Sheets (up to 5 intersections)
 - Plan sheets with capacity analysis tables (from Task 6 traffic analysis)
 - Profile sheets
 - AutoTURN sheets
 - ADA details
 - ADA project alert form
 - Design exception forms and exhibits
 - Packaging and submittal to IDOT

Exclusions:

- Submittals for CCDOTH review only are not included (deliverables will be transmitted directly to IDOT BLRS through the CCDOTH project manager)

Deliverables include:

- Preferred alternative CAD files
- Draft 30% geometric submittal to IDOT
- Final 30% geometric submittal to IDOT
- ADA project alert form

Task 8 – Structural Analysis

Alternatives Evaluation Bridge Studies

Three grade separation alternatives will be conceptually developed and evaluated from a structural perspective. These alternatives will generally align with the three finalist alternatives as outlined in Task 7 – Alternatives analysis. AECOM will perform a comparative evaluation of each alternative focusing on feasibility of implementation, potential structural considerations, and broad community impacts.

The finalist structural alternatives anticipated to be analyzed include:

- Alternative 1: Road Overpass (single structure) – Raising 1st Avenue over the Metra/UP tracks. This option will include a single structure that spans both the Metra/UP tracks and Lake Street.
- Alternative 2: Road Overpass (two separate structures) – Raising 1st Avenue over the Metra/UP tracks. This option will include a structure that spans over the Metra/UP tracks and a separate structure that spans over Lake Street .
- Alternative 3: Road Underpass – Lowering 1st Avenue beneath the Metra/UP tracks. This option will include a structure that carries the Metra/UP railroad over 1st Ave.

Once the preferred alternative has been selected, AECOM will perform a bridge type study to document the recommended bridge type for the project in a memorandum. Construction costs will be included to support the recommended bridge type decision. To ensure cohesive integration and execution of lighting and aesthetic elements for the preferred alternative, AECOM will coordinate among relevant disciplines. An evaluation of accelerated bridge construction (ABC) methods will also be documented and provided to IDOT and the County. Throughout the process of evaluating all three bridge alternatives, AECOM will coordinate with Union Pacific Railroad (UPRR) and Metra to ensure that proposed designs align with operational constraints, safety standards, clearance requirements, and long-term rail infrastructure needs.

Alternatives Evaluation Wall Studies:

Rubinos & Mesia Engineers, Inc. (RME) is responsible for performing the retaining wall studies for the project. Refer to *Attachment 4* for RME's detailed scope of services.

Additional Considerations & Exclusions:

It is understood that the above alternatives may evolve during the course of the alternatives evaluation.

Additional bridge structures or retaining walls beyond those outlined above are excluded from this scope and would require a contract supplement to be added. Structural analysis under this task will be conceptual in nature and intended to inform high-level decision-making. It will not include final engineering design, detailed calculations, or construction documents, except for approximate structure depths or bridge types necessary for comparative analysis. The cost estimate will cover only major structural components and will include an appropriate contingency allowance.

Bridge TS&L Plan Development

Once the preferred alternative is selected, AECOM will prepare TS&L plans for the preferred bridge alternative in accordance with IDOT guidelines. It is assumed the preferred alternative will consist of a single bridge structure of up to 800' in length or two bridge structures up to 400' in length each. The plan will define:

- Preliminary bridge geometry, including span lengths and configuration
- Cross-sectional elements
- Superstructure type evaluation, considering long-term maintenance, cost, and clearance requirements
- Foundation concept recommendations based on geotechnical considerations
- Architectural treatment options for parapets and retaining walls

Retaining Wall TS&L Plan Development

Rubinos & Mesia Engineers, Inc. (RME) is responsible for performing the Retaining Wall TS&L plans for the project. Refer to *Attachment 4* for RME's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 8.

Deliverables include:

- Bridge conceptual plans (3 Alternatives) use Concept Structural Evaluation (3 Alternatives)
- Bridge Type Study with memorandum
- Evaluation of Accelerated Bridge Construction (ABC) methods
- Bridge TS&L plans – CCDOTH submittal
- Bridge TS&L plans – IDOT submittal

Task 9 – Maintenance of Traffic Analysis

AECOM will utilize construction staff to perform a high-level constructability review of the three finalist alternatives to evaluate feasibility and potential challenges during construction to allow a comparative analysis during the alternatives evaluation process. The AECOM team will also perform a constructability review of the preferred alternative 30% plans to help refine the design and identify potential challenges during construction and help establish an effective traffic staging plan.

Peralte-Clark (P-C) is responsible for performing the maintenance of traffic analysis and tasks. Refer to *Attachment 3* for P-C's detailed scope of services.

AECOM will provide subconsultant coordination efforts as part of Task 9.

Deliverables include:

- Constructability Review of 3 finalist alternatives
- Constructability Review of preferred alternatives

Task 10 – Quantity Calculation and Cost Estimate

Planning level costs will be developed for each of the 6 preliminary alternatives for comparative purposes to aid in the alternative's evaluation process. A Phase I level quantity calculation and cost estimate will be developed for the 3 finalist alternatives to be used in the comparison and evaluation process. Once the preferred alternative has been selected, a Phase I engineer's estimate of cost will be developed and included in the final PDR.

Deliverables:

- Alternatives Planning Costs
- Phase I Preferred Alternative Cost Estimate

Task 11 – Project Development Report

AECOM will prepare a Project Development Report (PDR) using the IDOT BLR 22210 form and incorporate all required attachments. These attachments are expected to include documentation of environmental coordination and approvals, stakeholder coordination, public involvement, alternatives and geometrics approval, drainage approval, and other engineering aspects of the project. A draft PDR will first be submitted to CCDOTH & IDOT. After review comments are received and addressed, a final PDR incorporating all previous comments and showing final approvals for the project will also be submitted to CCDOTH for review, comments will be addressed, and it will be resubmitted to IDOT for final design approval.

Deliverables include:

- Draft Project Report - electronic format (word document for editing text, complete document including all appendices in pdf format). 1 hard copy included for IDOT review.
- Final Project Report – electronic format (word document for editing text, complete document including all appendices in pdf format). 1 hard copy included for IDOT review.

Task 12 – Public Involvement

AECOM will support R.M. Chin (Chin) during the public involvement process including providing engineering drawings, project information, and conceptual exhibits to be used in the development of public meeting and outreach materials. AECOM will review the Stakeholder improvement Plan and coordinate reviews between Chin and CCDOTH. They will also attend individual stakeholder meeting (12), municipal meetings (8), Community Advisory Group meetings (3), public information meetings (2), and the public hearing (1) for the project. Review and technical support for up to 100 comment responses throughout the duration of the project will be provided.

AECOM will provide the technical content for the project newsletter, social media, and website updates. They will also be responsible for generating up to four proposed 3D renderings which are expected to

include the three finalist alternatives and one preferred alternative to be shown at the final public information meeting and to be used in public and stakeholder engagement.

A project video will be developed and included as part of the final public information meeting/hearing to present the preferred alternative to the public and to be posted on the project website. The video will include concept 3D renderings of the proposed design, drone footage of the existing project limits, and an overview of the preferred alternative key features. The length of the video is not to exceed 5 minutes

R.M. Chin & Associates, Inc. (Chin) is responsible for leading the public involvement. Refer to *Attachment 5* for Chin's detailed scope of services.

Deliverables include:

- Technical support for public materials development
- Review and coordination of PI deliverables
- 3D renderings of alternatives (4)
- Project video
- Public and Stakeholder Meeting Attendance
- Public comment response support (100)

As mentioned above, AECOM will provide coordination efforts as part of Task 12.

Task 13 – Stakeholder Coordination

The AECOM Team will lead and participate in the following coordination meetings. Agendas, materials, and meeting minutes will be provided for all meetings as listed below:

- CCDOTH Project Kickoff Meeting including attendance, agenda, materials preparation, and meeting minutes (4 people, in-person)
- CCDOTH meetings - Schedule, lead, and coordinate regular monthly virtual meetings with CCDOTH to provide general status updates for tasks and the overall contract. Agendas shall be transmitted to CCDOTH via email no less than 24 hours in advance of each meeting. Meeting minutes shall be produced and distributed to CCDOTH within 5 business days of each meeting. A 36-month design process is anticipated for this contract. Assume 36 meetings with CCDOTH (2 people, virtual)
- IDOT kickoff and ongoing quarterly coordination meetings including attendance, agenda, materials preparation, and meeting minutes (2 people, virtual)
- Yearly FHWA project update meetings (3) including attendance, agenda, materials preparation, and meeting minutes (2 people, in-person)
- ICC/Metra/UPRR Coordination meetings to discuss impacts to the public, railroad facilities and concurrence with the proposed design including exhibits, agendas, and meeting minutes – Assume 4 meetings (3 people, virtual)
- Emergency services meetings (2) to discuss short and long term impacts to emergency services including attendance, agenda, materials preparation, and meeting minutes (2 people, in-person)
- Army Corps of Engineers Jurisdictional Meeting (1) including attendance, agenda, materials preparation, and meeting minutes (2 people, virtual)
- Coordination meetings with MWRD (2) including attendance, agenda, materials preparation, and meeting minutes (2 people, virtual)

- Village of Maywood coordination meetings (4) including attendance, agenda, materials preparation, and meeting minutes (3 people, in-person)
- IDOT Detour Committee meeting (1) including attendance, agenda, materials preparation, and meeting minutes (2 people, in-person)

Task 14 – Project Administration and Management

AECOM will initiate project setup for contract administration and project management. This task includes the following:

- Project kick-off & closeout procedures in accordance with CCDOTH requirements
- Preparation of monthly progress narrative and scope creep log for inclusion with monthly invoices and preparation of overall invoice package for monthly submission
- Review all subconsultant invoices for accuracy as part of total invoice packaging
- Prepare, maintain, and update project schedule as required
- Create and maintain a database to document and track the various tasks, deliverables, and budgeting under this contract.
- ProjectWise hosting and coordination

Task 15 – Quality Assurance / Quality Control (QA/QC)

AECOM will prepare a quality management plan for the project to standardize and document all internal QA/QC review processes. Prior to presenting any Deliverables to CCDOTH, AECOM will perform QA/QC of the documentation in accordance with ISO 9001:215 policies to confirm the accuracy and quality of each review.

SCHEDULE:

The period of performance for this service is assumed to be three (3) years from Notice to Proceed.

EXCLUSIONS:

- Value Engineering Study
- Design of a railroad crossing notification system
- Utility relocation plans



Sanchez and Associates, P.C. has developed this scope of work for the topographic and right-of-way survey as required for the design efforts for the grade separation of the Union Pacific Railroad at 1st Avenue in the Village of Maywood, Cook County, Illinois. See attached Exhibit A for Limits of Survey.

SCOPE OF SERVICES

1. Coordination / Safety Training

- 1.4 Coordinate with railroad company to obtain the right of entry to access the METRA/Union Pacific Railroad and the private properties.
- 1.4 Obtain safety railroad training from Union Pacific Railroad to access the railroad right-of-way and perform the topographic survey.

2. Survey Control

- Establish survey control at approximately 700 feet intervals or at locations as required for the project (e.g., RR spikes, "Mag-Nails", 5/8" rebar, etc.) for data collection in required areas of the project.
- Coordinates will be based on the Illinois State Plane Coordinate System, East Zone (2011 Adjustment).
- GPS Double Observations of survey control monuments and temporary control points.
- Survey accuracy will adhere to IDOT and CCDTH survey and CAD standards.
- Establish project benchmarks and run differential level circuits to establish third order accuracy elevations on all control points and benchmarks. Descriptions and field sketches of all benchmarks will be provided in field book. Elevations will be referenced to the North American Vertical Datum of 1988 (NAVD88).
- Office calculations, adjustments, tabulation of coordinates and elevations for all project control.
- We will establish around 10 survey control points along the limits of the project. Also, we will provide reference-tie sketches that allow project control points to be recovered during the construction phase of the project.

3. Topographic Survey

Note: Some of the tasks required for the survey will be obtained by conventional survey methods (total station and leveling), some will require the use of GPS technology, and some will require the use of LiDAR Scanning technology to successfully complete the job. The method to be used will depend on the existing conditions and with the intent of providing a highly detailed survey without jeopardizing the safety of the public and field surveyors. We will provide to AECOM the LiDAR point cloud in a format that will allow the file to be opened and viewed, and elevations of points can be identified.

Limits of the survey are shown on the attached aerial sketch and include the following limits:

3.1 Street Surveys

Provide a topographic survey and cross sections and within the limits shown in red in the attached aerial sketch and more particularly described below.

3.1.a - 1st Avenue

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from 200 feet south of Maple Street to 50 feet north of Erie Street (about 2350 feet long). It includes the parking lots and building faces of properties east and adjacent to 1st Avenue from the railroad tracks to Ohio Street.



3.1.b - Ohio Street

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from 450 feet east to 400 feet west of the center of 1st Avenue.

3.1.c - Lake Street

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from 1000 feet east to 400 feet west of the center of 1st Avenue.

3.1.d – Main Street

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from 1st Avenue to 50 west of N. 5th Avenue (1400 feet long).

3.1.e - North 2nd Avenue

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from Main Street to 50 feet north of Ohio Street (650 feet long).

3.1.f – Des Plaines Avenue

Topographic survey and cross-sections at 50 ft intervals and up to 10 ft beyond existing ROW from Lake Street to 50 feet north of Ohio Street (500 feet long).

3.1.g – Oak Street

Full cross-sections at 50 ft intervals from right-of-way to right-of-way from center of 1st Avenue to 500 ft west.

3.2 Railroad Survey - Union Pacific/METRA Railroad

3.2.a Topographic survey and cross-sections at 50 ft intervals up to 10 ft beyond the existing ROW from 50 feet west of N. 5th Avenue to 450 feet east of the east abutment of the railroad bridge over Des Plaines River (about 2400 feet long),

3.2.b Railroad Bridge Survey

Bridge survey includes location of bottom and top of piers and abutments, low girder elevation, bridge deck.

4. Subsurface Utility Engineering (SUE)

4.1 Manhole Details

SUE

Utility structures for sanitary, storm, and water lines within the limits of the street topographic survey described above. We will survey and open for identification, invert, directions, and sizes of pipes, provide field sketches, and incorporate utility lines in CAD survey base map.

4.2 SUE Quality Level C

Utilities shall be identified by the field survey or maps and atlases provided by the utility owner. The utility survey shall be completed to “Attribute Quality Level C” as specified in the Standard Guideline for Collection and Depiction of Existing Utility Data” (American Society of Civil Engineers, CI/ASCE 38-02) This scope includes reviewing and comparing the underground record maps provided by the various utility companies and the surveyed above ground utility structures. Limits for QL C are within the limits of the topographic survey as described above and shown within the limits in red in the attached aerial sketch,

shown in and Utility Designation (QLB) over approximately 46,000 linear feet, where we will identify and mark existing underground utilities using electromagnetic locating methods

4.2 SUE Quality Level B

Provide SUE Quality Level B (QL B) services in accordance with ASCE 38-22 standards. This scope includes Utility Designation (QLB) over approximately 46,000 linear feet, where we will identify and mark existing underground utilities using electromagnetic locating methods. Limits for QL-b are shown in green in attached aerial sketch. Additionally, we will conduct an overhead utility pole inventory along the project area, with an estimated total of 19 poles to be located and documented.

Provide SUE Utilities in 3D ORD Microstation drawing following IDOT's requirements for SUE 3D Modeling of utility lines.

4.3 SUE Quality Level A

Provide potholes with vacuum excavating equipment for 7 locations in support of Quality Level A (QLA), We will perform seven test holes, specifically five between 3.29 feet and 6.56 feet deep, and two between 6.57 feet and 13.12 feet deep. To facilitate this work, pavement coring will be conducted at each of the 7 pothole locations. Each test hole will be surveyed upon completion to accurately record horizontal and vertical utility locations.

Locations will be incorporated in survey base map file.

Include price as a contingency.

5. Stream Survey

Obtain profile at low point of stream at 100-foot intervals for 1,000-foot upstream and 1,000 ft downstream of the Des Plaines River bridge at the Union Pacific Railroad bridge. Cross sections defining the Creek (low point, channel, top of bank, water level at the time of survey at the following locations:

At u/s & d/s face of Lake Street bridge.

100 ft u/s

200 ft u/s

500 ft u/s

700 ft u/s

1000 ft u/s

At u/s & d/s face of U.P. Railroad bridge

100 ft d/s

200 ft d/s

500 ft d/s

700 ft d/s

1000 ft d/s

Obtain bridge clearances at both u/s and d/s faces of Lake Street bridge over the Des Plaines River and at the Union Pacific Railroad bridge

Note: Provide surveyed profile and cross sections in a Microstation base map drawing (ORD format).

Drafting of profile and/or cross sections for the stream survey are not required for this scope of work

6. Establishing Limits of Existing Right-of-Way

Limits for the survey and determination of the existing right-of-way are shown in green in the attached aerial sketch

6.1 Data Compilation

- 6.1.a Obtain record documents for the right of way from Cook County and IDOT.
- 6.1.b Obtain Title information for 10 properties located along 1st Avenue. The client will determine the properties once a preliminary analysis of the existing right-of-way is completed
- 6.1.c Review the obtained/furnished survey information.
- 6.1.d Catalog and summarize data and transfer to working drawings. Provide necessary data to field crews.

6.2 Field Survey to determine Boundaries and Right-of-Way

- 6.2.a Review title commitments and boundary information obtained by Sanchez.
- 6.2.b Obtain location of field monuments and ties to occupation, as required.
- 6.2.c Field surveys of occupations such as fences, edges of pavements, curbs, sidewalks, buildings etc.
- 6.2.d Download, edit, adjust data.

6.3 Boundary Analysis along Existing Right-of-Way

- 6.3.a Perform a boundary analysis from record deeds, found survey monuments and occupation along the property lines to determine the limits of the existing rights-of-way and property corners.
- 6.3.b Determine the limits of Right-of-Way and incorporate right-of-way in CAD ORD file using IDOT CAD standards.

6.4 Create Plats of Highway

Note: This item is not included as part of the scope of work. Limits of existing right-of-way will be provided only in CAD ORD format.

7 Control/Quality Assurance of Topographic Survey

- Perform a quality assurance of survey control and level circuits to verify observations do not exceed tolerance established for this project.
- Perform a field verification of scanned and surveyed data to verify all field survey was completed within the tolerances established for project and verify no topographic features were omitted to surveyed.
- Report to client if any deviations in quality or scope of work occurred during the survey.

EXHIBIT A – LIMITS OF SURVEY





Geotechnical Engineering & Pavement Analysis CREATE Grade Separation GS12 – Phase I Engineering 6/20/2025

The anticipated project scope will include improvements to 1st Avenue and the existing at-grade crossing with the Union Pacific Railroad's (UPRR) tracks in the Village of Maywood, IL. The Phase I Engineering will evaluate the alternatives to eliminate the at-grade crossing. It is anticipated that new bridge structures and retaining walls will be considered, in addition to the improvements to 1st Avenue pavements. The preliminary evaluation will determine if an overpass or an underpass is a feasible alternative. The project limits provided by AECOM (see attached) are: from Maple Street to Erie Street along 1st Avenue, approximately 2,000 feet in South-North direction. In East-West direction, the project limits are approximately 200 feet west of 1st Ave and 300 to 400 feet east of 1st Ave along Ohio street, Lake Street, Main street and Oak Street, respectively.

GSG's scope includes geotechnical investigation, pavement design, hazardous waste assessment and environmental studies. The following sections provide the details and approaches for each scope.

A. Geotechnical Engineering

GSG will advance soil borings in accordance with the IDOT's latest version of the Geotechnical Manual (2020) and AREMA Design Manual. GSG will secure the Right-of-Entry Agreement from the railroads and obtain all required permits and railroad protective insurance as required by the railroad.

Proposed Railroad Bridge

We will advance 8 borings for the abutment and pier foundations of the railroad bridge (assuming the bridge is a 3-span structure and 2 borings will be drilled for each substructure). Per the IDOT Geotechnical Manual, the borings will extend to the top of bedrock, which is anticipated at depths between 75 and 85 feet. Twenty (20) feet bedrock cores will be collected from each boring. In-situ vane shear testing will be completed if soils less than 0.5 TSF are encountered. If the borings near the railroad is within 25 feet from the center of the track, flaggers will be required.

Proposed Retaining Walls

It is anticipated that retaining walls will be necessary, extending north and south from the bridge on each side of 1st Avenue. The maximum wall height adjacent to the bridge could be up to 30 feet. Assuming the wall height drops to below 20 feet at about 150 feet north/south of





the bridge abutment. Per the IDOT Manual, borings will be completed at 50-foot spacing for walls higher than 20 feet and 75-foot spacing for walls lower than 20 feet along each retaining wall, to depths of twice the height of the walls. A total of forty (40) borings will be completed, to depths ranging from 20 to 90 feet or bedrock depths along the length of all 4 walls. Since the wall starts at the bridge abutment location, the bridge abutment boring can be used for the 4 walls. Borings will be completed to a depth of twice the height of the exposed retaining walls from the bottom of the wall. For the underpass, the boring drilled from the existing grade should be three times the wall height. Details of the wall borings are summarized in the table below.

| Location | Assumed start of wall | Assumed end of wall | Wall length | Boring depth-overpass | Boring depth-underpass | Number of borings |
|------------|-----------------------|---------------------|-------------|-----------------------|------------------------------------|-------------------|
| North | Railroad | Ohio Street | 550 | 20 to 60 | 20 to 90 or bedrock depth | 9 |
| | | | 550 | | | 9 |
| Oak Street | | 550 | 9 | | | |
| | | 550 | 9 | | | |
| South | | | | | | |

Due to the proximity of the Des Plains River, four (4) of the retaining wall borings will be converted into temporary piezometers in order to obtain delayed groundwater readings for use in the design of the retaining walls and drainage systems and providing construction recommendations.

Proposed Roadway Improvements

For proposed roadway improvements, borings to a depth of 10 feet will be spaced approximately 300 feet in alternating directions of traffic and will include cores of the existing pavement section and subgrade. The following table summarizes the proposed roadway borings.

| Street | Improvement Length (feet) | Number of SGB borings |
|------------------------|---------------------------|-----------------------|
| 1 st Avenue | 1,400 | 6 |
| Lake Street | 650 | 2 |
| Main street | 350 | 1 |

Below is GSG’s project approach for investigating and reporting.





1.0 Subsurface Exploration

- A. Conduct a visual reconnaissance of the project area to evaluate access for drilling equipment and locate proposed soil boring locations.
- B. Clear Underground Utilities—GSG will Lay out the soil borings based on the site reconnaissance. We will also contact JULIE to clear underground utilities within the proposed boring locations.
- C. Arrange for traffic control for soil borings requiring traffic control during field activities.
- D. Mobilize truck-mounted drill rigs to the project area and perform subsurface exploration activities. Soil samples will be collected using split-barrel samples utilizing the Standard Penetration Test (SPT) procedures.
- E. An experienced geotechnical engineer or geologist will supervise subsurface exploration and sampling activities. All material recovered from each split barrel will be carefully examined and visually classified at the time of sampling by the field geotechnical engineer. The field geotechnical engineer will prepare a written record (field log) providing SPT results, soil classification, field observations, and other relevant data.
- F. Backfill each borehole with soil cuttings or grout mix, based on the subsurface condition after completion of all field explorations and after all samples, observations and information have been collected. Patch the top of each borehole with asphalt or concrete mixed in accordance with the existing surface.

2.0 Laboratory Testing Program

GSG will perform a laboratory testing program on selected soil samples. The type of laboratory testing program is dependent upon the type of soil encountered, but will generally include visual engineering classification, natural moisture content, unit weight, unconfined compressive strength tests, and Atterberg limits testing.

3.0 Geotechnical Analysis and Reporting

GSG will prepare a Structural Geotechnical Report (SGR) for the bridge and retaining walls and a Roadway Geotechnical Report (RGR) for the proposed roadway construction upon completion of all field explorations and laboratory testing. The reports will include exhibits showing boring locations, boring logs, soil test data, and results of all special studies and analyses, engineering recommendation for the proposed project, construction considerations, and all other information specified by the IDOT Geotechnical Manual (2020).

The final SGR will be completed with the final TS&L plans. The report will include foundation recommendations for the bridge and retaining walls, global slope stability analysis, and





construction recommendations, as specified by the IDOT's Geotechnical Manual (2020) and current AREMA Design Manual.

The RGR will utilize roadway borings as well as the bridge and retaining wall borings. The report will include all engineering analysis, pavement design recommendations, subgrade improvement/ remediation, and construction recommendations, as necessary. We will also include recommendations regarding underground utilities excavation and placement, and other project related components.

| Improvement | # borings | Boring Depth | Estimated Footage |
|------------------|-----------------------------|--|-------------------|
| Bridge | 8 borings | 75 to 85 feet, plus 20-foot rock cores | 680 |
| Retaining Walls | 36 borings 4 piezometers | 20 to 90 feet or bedrock depth | 1,440 |
| Roadway/Pavement | 9 borings/pavement cores | 10 feet each | 90 |
| Total | 53 | | 2,210 |

Deliverable – SGR for the proposed bridge and retaining walls and RGR for the proposed roadway construction.

B. Pavement Design

GSG will complete pavement design for the project area, including 1st Avenue, Lake Street and local roads based on the final proposed improvement and traffic data of the project area. The pavement design will be completed in accordance with the IDOT local road procedures.

Deliverable - Pavement Design Tech Memo.

C. Hazardous Waste Assessment

The Hazardous Waste Assessment will be completed in two stages. The first stage involves conducting a Preliminary Environmental Site Assessment (PESA) to identify potential recognized environmental conditions within the proposed project right-of-way. The second stage entails completing a Preliminary Site Investigation (PSI) to determine the nature and extent of contaminated materials at the site. PSI will be completed by others in a future Phase. Detailed description of the project approach for the first stage is provided below.

- 1. Preliminary Environmental Site Assessment (PESA)** The purpose of the PESA is to determine the location of potential sources of recognized environmental conditions within the local road portions of the project limit. IDOT will conduct a separate PESA for portions of the project area under their jurisdiction. GSG will conduct PESA in accordance the





requirements of IDOT requirements and will follow Chapter 27 “Environmental Surveys” of IDOTs Bureau of Design & Environment manual procedures, and ISGS’ publication “A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation Projects”. The scope of work will include:

- a. Regulatory Background Review – GSG will obtain and review a copy of the federal and state government records for property in accordance with the ASTM standards.
- b. Review Historical Aerial Photographs and/or Sanborn Maps – GSG will review available historical aerial photographs and or Sanborn Maps within the project limits.
- c. Site Reconnaissance – GSG will perform a site reconnaissance of all accessible areas of the project area and adjoining properties. We will inspect the adjoining properties from the site and public points of view to identify any potential source of environmental concern to the site posed by adjoining properties. We will note the site condition, location of stained or discolored soil, underground utilities, pipelines, drums and chemical containers, location of PCB-containing transformers, and any evidence of underground storage tanks and above-ground storage tanks.

Deliverable – GSG will prepare a report summarizing the site investigation findings and showing the locations of Recognized Environmental Conditions for the local roads portion of the Project Area. IDOT will conduct a separate PESA for the portions of the Project Area that are under their jurisdiction.

D. Environmental Studies

Wetland Delineation – GSG will conduct a desktop investigation of the referenced site to identify background information related to wetlands and waterways that may apply to the on-site investigation for full ESR limits (see attached).

1. Upon completion of the desktop investigation, GSG will complete the onsite investigation to identify the regulatory boundaries of wetlands and waterways that may occur within and adjacent to the site. Features that are identified in the field will be marked with survey flags, cataloged, and recorded by GPS. GSG will follow current USACE guidance in identifying wetlands and waterways within the site.
2. Following completion of the on-site investigation, GSG will prepare a wetland and waterway technical report summarizing the findings of the desktop and on-site investigations. The report will include figures depicting the identified features in relation to the site, as well as applicable buffer zones, applicable to Cook County. The report will include an opinion of the jurisdictional authority of the USACE.
3. Jurisdictional Determination - If required, GSG will submit a Jurisdictional Determination request to the USACE. A Jurisdictional Determination is required to determine if the on-





site wetlands and waterways are under the jurisdictional authority of the US Army Corps of Engineers.

4. Wetland Impact Evaluation – GSG will complete and submit the IDOT Wetland Impact Evaluation online form using information gathered during the wetland delineation and Phase I design information.
5. Joint Permit Application Support – GSG will prepare a Join Application Form for Illinois and submit the form and required information (including soil erosion and sediment control plans provided by others) to the US Army Corps of Engineers, Illinois EPA, and Illinois DNR under the assumption that the wetland/waterway impacts associated with the proposed activity would qualify for Nationwide or Regional Permit programs.
6. GSG will prepare a Cook County Watershed Management Ordinance if impacts associated with the proposed activity affect areas regulated under the WMO.

Deliverables: Wetland Delineation Report, Wetland Impact Evaluation, Jurisdictional Determination form, if required, and Completed Joint Application, if required.

Tree Survey-GSG will perform a tree survey within the project limits using the direct count method where right-of-way or easements are expected to have adverse impact or require removal of the trees. The tree survey will follow the IDOT Departmental Policies (D&E – 18), which specifies that all landscaped trees (regardless of size), as well as volunteer trees with a diameter breast height (DBH) of six (6) inches or greater, will be surveyed. The tree survey will include the following tasks:

- a. Trees will be tagged by nailing a metal tag with a unique identification number to the trunk of each recorded tree.
- b. Tree species will be recorded, and tree sizes will be measured and listed by trunk diameter (in inches) at 54" above grade (diameter breast high or DBH). Sizes of multi-stem (M/S) trunks will be added together and presented as one size.
- c. Tree type, health, and structure of each tree will be noted.
- d. All records will be listed by station and offset. Based on the proposed geometrics, a recommendation will be made for each tree. The recommendation will be to either remove the tree, have the tree remain or protect the tree.

Deliverables: Tree survey summary report, Tabulated tree information table and digital geo-location information.

Bridge Bat Assessment – GSG will complete a Bridge Bat Assessment at the Lake Street bridge and the railroad bridge crossing the DesPlaines River. One update of the bat forms during Phase I is anticipated due to the 2-year expiration period

Deliverables: Bridge Bat Assessment form for each qualifying structure within the project limits.





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Project Understanding

- The Chicago Region Environmental and Transportation Efficiency (CREATE) Program is a public-private partnership with the goal of modernizing Chicago's rail infrastructure. Started in 2003, it addresses the City's critical role as the busiest rail hub in North America, where over 1,300 passenger and freight trains go through daily which is approximately one-quarter of all United States rail traffic.
- 1st Avenue and the Union Pacific Grade Separation (GS12) is located in Maywood, Illinois and includes 26,800 vehicles per day along 1st Avenue and 110 passenger and freight trains daily at the crossing. 1st Avenue and Lake Street are under the jurisdiction and maintenance of the Illinois Department of Transportation (IDOT), with all other roadways under local jurisdiction.
- The project will consist of a grade separated underpass or overpass at the 1st Avenue grade crossing.
- AECOM was selected by the Cook County Department of Transportation and Highways (CCDOH) to conduct a Phase I Study of the grade crossing, determine a preferred alternative and resulting impacts going through the NEPA process. Peralte-Clark (P-C) is part of the AECOM Team that will perform safety studies, maintenance of traffic concepts to assist with the analysis of the range of alternatives and preferred alternative, a Transportation Management Plan, and participate in determining a range of alternatives.
- AECOM will be the main point of contact with CCDOH and provide the necessary information for P-C to complete the scope of services for this project.



1. Scope of Services

The following is our proposed scope of services for Phase I Engineering on this project:

1. Data Collection, Compilation, Review, and Evaluation

- This task includes obtaining pertinent data required to complete Peralte-Clark's portion of the Phase I work, including but not necessarily limited to the following information:
 - Meeting minutes (to be provided by AECOM)
 - CMAP Projections (by others)
 - Traffic counts including bicyclists and pedestrians, peak hour diagrams, traffic capacity analyses and Traffic Analysis Report (completed by others)
 - Transit data including METRA and PACE
 - Rail crossing data including number of trains per day and duration of gates down data (to be provided by AECOM)
 - Latest 5 years of crash data (to be provided by AECOM)
 - Cook County GIS data (to be provided by AECOM)
 - Location of utilities in CAD (to be provided by AECOM)
 - Available roadway plans (to be provided by AECOM)
 - Available rail plans (to be provided by AECOM)
 - Available Right-of-way data (to be provided by AECOM)
- Specific work items under this task will include:
 - Collect data
 - Perform field visit and prepare photo log
 - Review, analyze, and catalog project data

6. Traffic and Crash Studies

Documentation and review of existing crash data will be performed for the project area and any notable crash trends documented and crash diagrams provided for the most recently available 5-year set of crash data. A crash report will be prepared utilizing this crash data. One update to the crash report using data from a subsequent year is anticipated.

The findings of both studies will be documented in a Crash and Safety Memorandum. The Draft and Final versions of the memorandum will be submitted to CCDOTH and IDOT for review and approval.

Specific work items under this task will include:

Crash Report

- Crash Analysis
 - Prepare crash summary tables, collision diagrams, and identify crash patterns for up to 17 intersections and 16 segments
 - Evaluate crash data and identify countermeasures
 - One site visit to support technical memorandum findings

**CREATE GS-12 – 1st Avenue**

- Prepare Crash Analysis Report
 - Develop Crash Analysis Report Format
 - Prepare maps, tables, and exhibits
 - Prepare Crash Analysis Report text assuming one (1) Draft submittal and one (1) Final submittal for review and comment
 - Preparation of text for inclusion in the Project Development Report. Assume one (1) revision based on comments

The following assumptions are also made with respect to the development of crash analyses:

- HSM analysis by others
- Crash analyses will need to be updated once, as new crash information is released for subsequent year(s)
- Traffic analyses will be conducted by others

Deliverables

- Crash Analysis Report

7. Alternatives Analysis and Geometrics

Peralte-Clark will participate in alternative development workshops/meetings to develop a range of concept alternatives and provide input on the evaluation matrix for alternative evaluations.

Specific work items under this task will include:

- Attend two (2) workshops/brainstorming meetings to discuss the range of alternatives based on the purpose and need of the project (in-person)
- Attend a meeting to discuss the alternatives carried forward
- Review evaluation criteria/matrix for evaluation of the initial range of alternatives and alternatives carried forward.

The following assumptions are also made with respect to this task:

- AECOM to provide necessary information for P-C to prepare for workshops/brainstorming meetings
- There will be no deliverables for P-C

9. Maintenance of Traffic Analysis (MOT)

Peralte-Clark will perform a construction staging analysis for roadway MOT alternatives to support the IL 171 mainline alternatives analysis efforts and aid in the evaluation of the finalist alternatives. The scope also includes development of a construction staging memo with typical sections and exhibits identifying the expected sequencing and impacts for the preferred alternative during construction. The construction staging memo will be submitted to CCDOTH for review and submitted to IDOT for approval. Any proposed ROW needed to accommodate the preferred alternative MOT will be assessed and coordinated with AECOM.



CREATE GS-12 – 1st Avenue

A Traffic Management Plan (TMP) will be developed in accordance with IDOT standards including a delay and queue traffic analysis of the impacted IDOT intersections, typical sections, and concept staging exhibits for the preferred alternative. The TMP will be submitted to IDOT BLRS for review and a copy sent to CCDOTH. P-C will coordinate with the IDOT Detour Committee for any proposed detours (see Item 16).

Specific work tasks will include:

Concept Alternatives

- Develop three (3) concept level MOT analyses for the following alternatives: Roadway Over (two (2) Alternatives), and Roadway Under
 - Roadway Over (1 bridge) – West runaround and East runaround
 - Roadway Over #2 (2 bridges) – West runaround and East runaround
 - Roadway Under – West runaround and East runaround
- Develop up to two (2) detour routes
- Prepare detour route exhibits; two (2) exhibits at 1"=100' scale
- Prepare concept exhibits for three (3) concept plan view alternatives at 1"=100' scale.
- Assume one (1) sheet per concept for review by AECOM (no profile, cross sections, or drainage assessment will be developed for the MOT/staging concepts).
- Assume 2 (two) revisions.
- Coordination with structural and drainage teams

Alternatives Carried Forward (Roadway Over and Roadway Under Alternatives)

- Update concept staging analyses for the Alternatives Carried Forward (assume three (3) Build alternatives)
- Includes two (2) variations of each alternative
- Includes horizontal geometrics, profile assessment of each alternative
- Drainage evaluation of the Alternatives Carried Forward (by others)
- Update detour routes for the Alternative Carried Forward; assume same detour for each alternative.
- Update detour route exhibits; two (2) exhibits at 1"=100' scale
- Prepare four (4) typical sections per alternative (2 along 1st Avenue, 1 along Main Street, 1 along Lake Street; bridge typical section by others)
- Coordination with structural and drainage teams
- Prepare plan view MOT exhibits for Roadway Over (2 alts) and Roadway Under – total of four (6) exhibits at 1"=100' scale
- Revise MOT exhibits up to two (2) times

Preferred AlternativeMaintenance of Traffic (MOT)/Staging

- Determine anticipated construction stages
- Identify Preferred MOT Alternative
- Drainage evaluation of the preferred alternative MOT/staging (by others)
- Traffic Analysis for intersection improvements at Lake Street (by others)
- Temporary Roadway Geometrics



CREATE GS-12 – 1st Avenue

- Prepare horizontal and vertical geometrics including cross sections for the Preferred Alternative MOT/staging using ORD Release 3 software
- Develop intersection geometrics for relocated signalized intersection at Lake Street based on traffic analysis and required lane configuration and storage lengths (by others)
- Prepare turning movement analyses using AutoTurn for the Preferred Alternative (assume 5 intersections, 2 updates)
- Evaluate ROW impacts for the preferred alternative MOT/staging
- Prepare MOT Traffic Maintenance Memorandum. Assume 2 (two) submittals

Transportation Management Plan (TMP)

- Prepare Transportation Management Plan (TMP) Report (Assume 2 submittals)
- Prepare Exhibits
- Update Staging typical sections
- Prepare work zone horizontal plan exhibits
- Prepare detour route traffic analysis (by others)
- Prepare narrative for TMP
- Prepare form D1 OP0042
- Prepare traffic control typical sections
- Coordination with structural and drainage teams

Deliverables:**Concept Alternatives**

- Plan view exhibits for three (3) MOT Concept Alternatives (1"=100')
- Detour route exhibits for two (2) detours (1"=100')

Alternatives to Be Carried Forward

- Typical sections for two (2) Alternatives to Be Carried Forward
- Plan view exhibits for two (2) Alternatives to Be Carried Forward (1"=100')
- Profiles for two (2) Alternatives to Be Carried Forward (1"=100' H, 1"=10' V)

Preferred Alternative

- Typical sections for temporary roadway Preferred Alternative
- Plan view exhibit for temporary roadway Preferred Alternative (1"=100')
- Profile exhibit for temporary roadway Preferred Alternative (1"=100' H, 1"=10' V)
- Proposed temporary roadway cross sections
- Roadway modeling to establish limits of construction
- Detour route exhibits (1"=100')
- Incorporate required drainage designs (by others) into roadway modeling
- Draft MOT Traffic Maintenance Memorandum
- Final MOT Traffic Maintenance Memorandum
- Pre-final Transportation Management Plan to IDOT
- Final Transportation Management Plan to IDOT
- MOT Related ROW Impacts Exhibit to AECOM

**Omissions and assumptions:**

- MOT/staging for Rail Over, Rail Under, Roadway Over-Rail Profile Modifications and Roadway Under-Rail Profile Modifications alternatives to be eliminated prior to MOT/staging analyses and will not be performed.
- Preliminary drainage evaluation and drainage studies will be completed by others.
- P-C will not prepare MOT/staging exhibits for Public Meetings
- Traffic analyses for MOT concepts are not included
- Detour route traffic analyses are not included
- P-C to perform roadway MOT only. Rail MOT/staging to be completed by others

14. Project Administration and Management

This task includes overall project administration and management.

Project administration includes managing the day-to-day work effort on the project to ensure an efficient project development process including work force allocations, budget oversight, monthly progress reviews to ensure project milestones are being met to the extent possible.

Specific work tasks will include:

- General project management/administration including staff resource allocation, and task/schedule oversight.
- Prepare monthly progress reports including status on the schedule.

15. Quality Assurance / Quality Control

This task includes Quality Assurance/Quality Control (QA/QC) reviews associated with major project deliverables.

QA/QC reviews will occur as part of major project deliverables in accordance with Peralte-Clark's established QA/QC procedures.

Specific work tasks will include:

- Quality reviews, etc.

16. Project Coordination Meetings

This task includes the organization and attendance at Project Status / Coordination Meetings with AECOM as needed. The preparation of meeting minutes for these coordination meetings is not anticipated. However, an action-item list and log will be kept ensuring all P-C team members are responsive and accountable for their involvement in the project.

**Coordination:**

The assumptions for establishing an estimated level of effort for coordination meetings are as described below:

- One (1) project kick-off meeting with AECOM (virtual)
- Eight (8) coordination conference calls with AECOM to review P-C comments
- Preparation for and attendance at one (1) IDOT Detour Committee Meeting
- Twelve (12) meetings to discuss the status of the project

* Preparation and distribution of meeting minutes will be provided by AECOM

17. Scope Assumptions and Omissions

The following items are scope assumptions and project omissions:

- Bentley CONNECT Edition OpenRoads Designer (ORD) Release 3 will be used for the project
- Traffic analyses and operations will be performed by others and P-C will be provided with all analyses and data. Traffic analysis for concept staging is not included.
- AECOM will provide base maps including topographic survey, contours, utilities, ROW information, and other necessary base map information in Bentley CONNECT Edition OpenRoads Designer (ORD) Release 3 format
- The crash analyses will need to be updated once, as new statistics are released.
- Detailed geometric design at intersections will not be included in the concept development. High-level configurations based on the traffic analyses will be used to develop a footprint at the intersections.
- Rail design and coordination will be completed by AECOM including the design of any temporary at-grade rail/highway crossings.
- MOT/staging for Rail Over, Rail Under, Roadway Over-Rail Profile Modifications and Roadway Under-Rail Profile Modifications alternatives to be eliminated prior to MOT/staging analyses and will not be performed.
- Preliminary drainage evaluation and drainage studies will be completed by others.
- P-C to perform roadway MOT only. Rail MOT/staging to be completed by others.

Attachment 4

**1st Avenue UPRR Grade Separation
CREATE GS12
Retaining Walls (Wall Type Studies + TS&L)
RME Scope**



Rubiros &
Mesia
Engineers, Inc.

As part of this Phase L project, RME's scope is design of the retaining walls for this project as described below;

Alternative Evaluation

Three grade separation alternatives will be conceptually developed and evaluated from a structural perspective. These alternatives will generally align with the three finalist alternatives for the grade separation as outlined below.

The finalist structural alternatives for the grade separation is anticipated to be analyzed include:

- **Alternative 1: Road Overpass (single structure) – Raising 1st Avenue over the Metra/UP tracks.** This option will include a single structure that spans both the Metra/UP tracks and Lake Street. This alternative will also include study of four retaining walls. - two walls south of the bridge structure and two walls north of the bridge structure
- **Alternative 2: Road Overpass (two separate structures) – Raising 1st Avenue over the Metra/UP tracks.** This option will include a structure that spans over the Metra/UP tracks and a separate structure that spans over Lake Street. This alternative will also include study of six retaining walls. - two walls south of the Metra/UP structure, two walls between the Metra/UP structure and the Lake St. structure, and two walls north of the Lake St. structure
- **Alternative 3: Road Underpass – Lowering 1st Avenue beneath the Metra/UP tracks.** This option will include a structure that carries the Metra/UP railroad over 1st Ave. This alternative will also include study of four retaining walls. - two walls south of the bridge structure and two walls north of the bridge structure

Retaining Wall Studies:

Each alternative will include proposed retaining walls, which are considered critical structural components. Additional retaining wall scope includes the following:

- **Wall Type and Design:**
The type, height, and configuration of each retaining wall will vary based on the alternative and associated grading requirements. These parameters will be determined through preliminary geometric and structural evaluations. Retaining walls will need to be coordinated with the overall corridor profile, drainage, and adjacent property impacts as part of the alternatives analysis.

Attachment 4

Additional Considerations & Exclusions:

It is understood that the above alternatives may evolve during the course of the alternatives evaluation. Additional retaining walls beyond those outlined above are excluded from this scope and would require a contract supplement to be added. Structural analysis under this task will be conceptual in nature and intended to inform high-level decision-making. It will not include final engineering design, detailed calculations, or construction documents, except for approximate structure definition or retaining wall types necessary for comparative analysis.

Retaining Wall TS&L Plan Development

Once the preferred alternative is selected, RME will prepare TS&L plans for the retaining walls required in accordance with IDOT guidelines, and also in collaboration with AECOM team. RME will coordinate the wall designs with the Bridge TS&L developed by AECOM. It is assumed that the preferred alternative will include 6 retaining walls. The plan will define:

- the proposed wall system
- preliminary dimensions
- right-of-way considerations.

RME will also respond to TS&L comments received from Cook County and IDOT.

AECOM will take the lead on coordinating aesthetics with the county, but RME will participate on discussions and will have some available time on this topic to provide input and feedback based on RME's experience and expertise.

RME will provide the exhibits as needed for project design that will be used for any public meetings. RME will not be required to attend those meetings, or prepare any specific public meeting exhibit or materials support for those meetings..

RME will need to consider the effect of exiting utilities in the design of the proposed walls.

RME will attend coordination meetings with AECOM and external coordination meetings with IDOT/CCDOTH related to the retaining walls.

Right-of-way constraints or acquisitions related to the retaining walls will need to be implemented in the design of the walls as applicable. These impacts will be determined during the design.

R.M. Chin Scope of Services for CREATE GS-12

Stakeholder Involvement Plan (SIP)

R.M. Chin & Associates (CHIN) CHIN will develop comprehensive SIP in accordance with requirements from the Cook County Department of Transportation and Highways (DOTH) and the Illinois Department of Transportation (IDOT). The SIP will outline the plan for coordinating public and agency participation during the NEPA Scoping process. It is anticipated that the SIP will be updated over the course of Preliminary Engineering Services. The SIP will:

- Identify roles and responsibilities of government local agencies to be involved in the project, lead representatives, and contact information.
- Establish the timing and form for agency and public involvement in defining the study area, Purpose and Need, feasible alternatives, and preferred alternatives.
- Describe the communication methods to be implemented to inform communities about the project.

Stakeholder List

The stakeholder list will be developed to include relevant Cook County departments, community members, local advocacy organizations, local businesses, residential groups, transportation agencies and elected officials. This list will include stakeholder identification, organizational information, contact information, and categorization of stakeholder types. The stakeholder list will be used to build contact lists for public meetings, general project notifications, and any additional stakeholder meetings.

Stakeholder Meetings

Local Agency Meetings

CHIN will coordinate and facilitate up to 4 local agency coordination meetings ranging from one-on-one, medium group meetings.

CHIN will conduct outreach to attendees to let them know about the project, coordinate meeting dates, and serve as their main point of contact. The CHIN will also identify the venue for the meeting, develop collateral materials for the meeting including one-pagers or presentations, and maps, and attend the meetings to facilitate conversations, take notes and develop a post-meeting summary. If virtual public involvement is required in place of in-person meetings, optional virtual public

involvement tasks are listed at the end of this section.

One-on-One to Medium Sized

CHIN will coordinate and facilitate up to 4 impacted stakeholder meetings ranging from one-on-one, medium group meetings.

CHIN will conduct outreach to attendees to let them know about the project, coordinate meeting dates, and serve as their main point of contact. The CHIN will also identify the venue for the meeting, develop collateral materials for the meeting including one-pagers or presentations, and maps, and attend the meetings to facilitate conversations, take notes and develop a post-meeting summary. If virtual public involvement is required in place of in-person meetings, optional virtual public involvement tasks are listed at the end of this section.

Public Information Meeting

It is assumed that under this contract there will be up to two (2) public information meetings. The public information meetings will be in an open house format with a hybrid component. For the hybrid format, all meeting materials will be made available on the project website and comments will be accepted electronically for the duration of the comment period. It is assumed that translation services will be provided by the CHIN at the public meetings.

Prior to each public meeting, the following activities are anticipated:

- One (1) field trip to the project study area to identify a location to host the public meetings, included is coordination of contract agreement and certificate of insurance with the venue.
- CHIN will work with DOTH to identify dates and times for the meetings.
- Pre-Dry Run meeting with the DOTH project manager, this meeting is expected to be virtual.
- Dry Run meeting with DOTH with representatives, as deemed necessary by the DOTH project manager, this meeting is expected to be in-person and attended by five (5) project team staff.
- Final review meeting with DOTH project manager

The following materials are to be developed for each public meeting:

- 4"x6" advertisement is to run (3) weeks and one (1) week before the public meeting in local or regional newspaper as agreed upon with DOTH and in accordance with IDOT policy.
- Meeting invitations for public meetings, businesses and residents whose mailing addresses are to be compiled by the CHIN a digital copy will also be provided.
- Day of materials, such as sign-in sheets and comment cards
- Up to 10 – 24"x36" exhibit boards
- 2 Roll plot maps.

- Audio-Visual Presentation
- One-page project information handouts
- Directional signage

This task includes content development and creative design. The CHIN will order all materials and supplies needed for the public meeting as well as set up and breakdown exhibits on the day of the event. This task also includes attendance by the CHIN Team for each public meeting.

After the meeting, our team will develop a meeting summary and upload all meeting materials to the project website. Materials used at the public meeting/open house and public hearing will be made available on-line and posted to the project website. Comments will be accepted via US mail, the website, and through email for the duration of the comment period for those unable to attend the in-person meetings.

Public Hearing

It is assumed that under this contract there will be one (1) public hearing. It is assumed that the public hearing will have the same components and deliverables as the public meetings described above with the addition of a court reporter. During the public hearing the Preferred Alternative will be presented. The CHIN will coordinate with the court reporter for attendance at the public hearing.

Community Advisory Group (CAG)

It is anticipated that a Community Advisory Group (CAG) will be formed before the first public meeting and prior to each of the anticipated public meetings. The CAG will be established to provide input to project context and on project alternatives. It is anticipated that three CAG meetings will be held to coincide with the public meetings, and these meetings will be in person, but information and meeting materials will be made available virtually for those unable to attend in person.

The following meetings in advance of each CAG meeting are anticipated:

- Dry Run meeting with representatives as required by DOTH project manager, to be held virtually.

The CHIN team is to prepare the following for each CAG meeting:

- Invitation and meeting announcement
- Slide deck presentation
- Up to 5 – 24"x36" exhibits
- Aerial roll plot maps as needed (up to 2).
- Sign-in sheets

- Name tags
- Meeting notes

Public Comments

CHIN will obtain public comments gathered through different communications channels including meeting the project website, email, stakeholder, and public meetings, and create a comment log to track the comments received. Our team will coordinate with the project lead to review, group, and respond to comments and make the responses available on the project website and in a project newsletter.

Newsletters/Digital Strategy

Newsletters/Digital Strategy

CHIN will develop a two-page newsletter template and content for up to five (5) digital newsletters. This includes drafting the newsletter, incorporating feedback, and deploying the newsletters to the subscriber list as well as sending metrics to the project team.

Social Media

CHIN will develop up to 10 social media posts to share project related information. This may include developing text and graphics for each post.

Website

CHIN will coordinate with DOTH to develop content for the project website and update it after project milestones to reflect the project's progress. This may also include identifying visuals such as photography, icons, or other collateral material to create a visually appealing website for up to 5 years.

The effort included in this task is developing the design of the website, drafting content for the website with review by DOTH, implementing and programming the website, and updating and maintaining it for the duration of the project.

Branding

The CHIN will ensure that all branding is cohesive with the DOTH requirements and with approval incorporate existing CREATE Program branding including the development of a project specific logo.

EXHIBIT 3

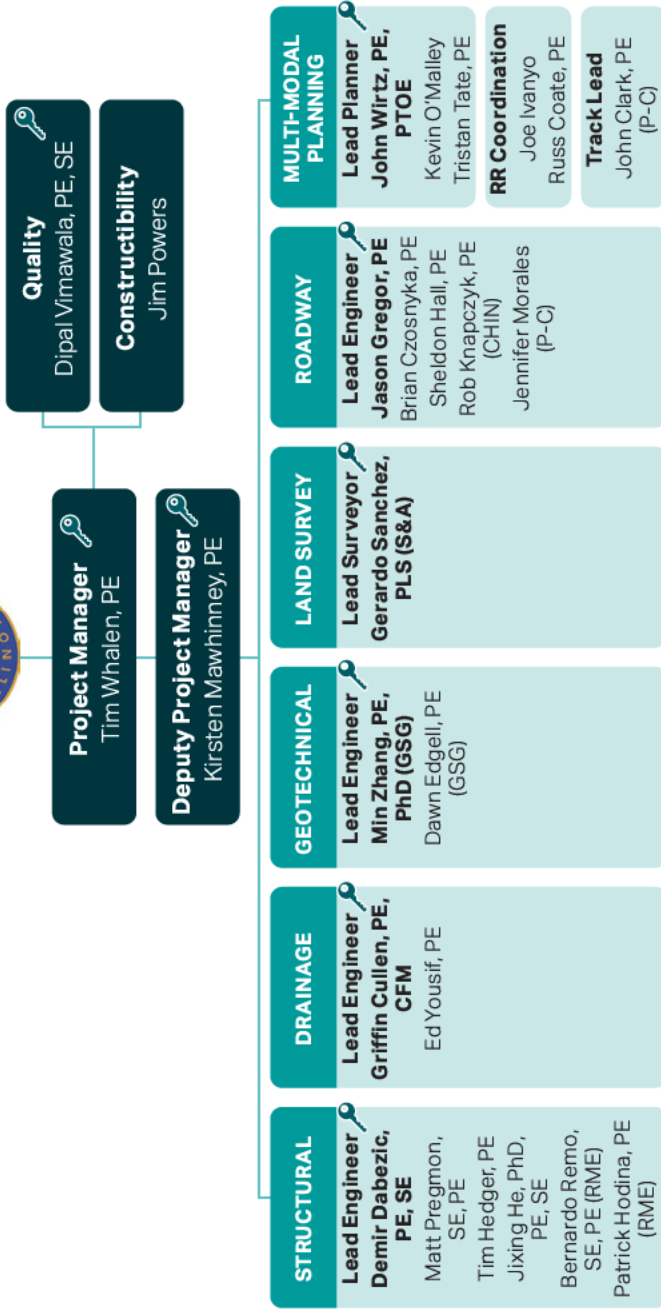
Key Personnel

SECTION 6.2.6.

Key Personnel

AECOM has carefully selected DBE partners to meet the unique needs of the CREATE GS12 project. Our combined team leverages the collective resources of our firms, led by the core key personnel that we will commit to this project.

Our team is properly licensed to practice in Illinois, committed, available, and ready to begin work on CCDOH's CREATE GS12 upon notice to proceed.



URBAN DESIGN/ LAND USE
Planning Lead
 Michelle Inouye, PLA, LEED AP
 Kirsten Weismantle
 Dawn Lee
Sustainability/ Resiliency
 Diana Edwards
Environmental Justice/Equity Analysis
 Nathan Guequierre
Economic Analysis/ Land Use
 Chris Brewer

SAFETY
Safety Lead
 Pam Blazo, PE, RSP21
 Jess Billmeyer, PE

TRAFFIC
Lead Engineer
 Stan Wang, PE, PTOE
 Jayesh Dongre, PE
 Joel Christell, PE, PTOE (P-C)
 Mo Neishapouri, PhD, PE (CHIN)

ENVIRONMENTAL
Lead Environmental
 Brian Smith, CWB, PWS
 Michelle Ross
 Matt Laub

PUBLIC INVOLVEMENT
Public Involvement Lead
 Keith Spencer (CHIN)
Agency Coordination
 John Baczek, PE (P-C)

Key Personnel All staff is **AECOM** unless otherwise noted

LEGEND
GSG GSG Consultants, Inc. (DBE/MBE) | **P-C** Peralte-Clark (DBE) | **CHIN** R.M. Chin & Associates, Inc. (DBE) | **RME** Rubinos & Mesia Engineers, Inc. (DBE) | **S&A** Sanchez & Associates, P.C. (DBE/MBE)

Meet your
Project Manager

Timothy Whalen, PE

With two CREATE grade separations completed and a third going to construction next year, Tim offers the most collective design and project management experience on CREATE grade separations in the industry. AECOM is proud to feature Tim as our proposed Project Manager for CREATE GS12.

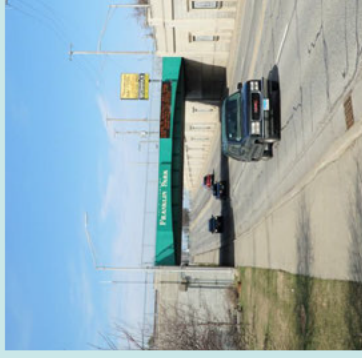
Tim's other primary talent is knowing how to serve Cook County. For seven years he has been responsible for AECOM's delivery of professional engineering services to CCDOTH through our Design Engineering Services Master Service Agreement (MSA). Through this MSA, Tim coordinated AECOM's support of key CCDOTH initiatives ranging from Fair Transit to the ADA Transition Plan and Program Management for Pavement, Culverts and Bridges/Structures county-wide.



CREATE GS9
Project Manager



CREATE GS14
Project Manager and
Engineer of Record



CREATE GS5a
Project Engineer

Qualifications

- » Illinois Licensed Professional Engineer
- » Leadership for major infrastructure improvements
- » Project Management of complex jobs involving multi-disciplinary teams
- » Design of urban/suburban railroad grade separations
- » Working with CCDOTH and IDOT

Meet your
Deputy Project Manager

Kirsten Mawhinney, PE

With experience managing Phase I and II engineering for grade separation and other major transportation infrastructure projects, Kirsten is an ideal complement to support Tim in managing CREATE GS12. Her experience focuses on Phase I preliminary engineering studies, NEPA documentation and public involvement activities.

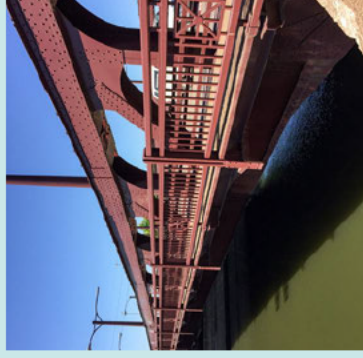
In addition to railroad grade separations for Brush College Road in Decatur and CREATE GS9, she offers experience navigating Phase I studies for local agencies through IDOT BLRS on river bridges, relevant to GS12 given its proximity to the Des Plaines River.



Brush College Road
Project Manager



CREATE GS9
Deputy Project Manager



IL 50 Cicero Avenue
Phase I
Project Manager

Qualifications

- » Illinois Licensed Professional Engineer
- » Project Management of Phase I preliminary engineering studies
- » Railroad grade separation design
- » NEPA documentation for Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements
- » Working with IDOT BLRS and State/Federal regulatory agencies

Meet your
Structural Engineer

Demir Dabezic, PE, SE

Demir has led the design of numerous complex structures in the Chicago area and across North America, with a focus on highway / railroad bridges and retaining walls involving challenging soil conditions and limited windows for construction activity. He has direct experience successfully leading the structural design of railroad grade separations, viaducts and flyover bridges through multiple phases of implementation, from Phase I to Phase II engineering and through construction.



CREATE GS 9
Lead Structural Engineer



CREATE GS14
Structural Engineer



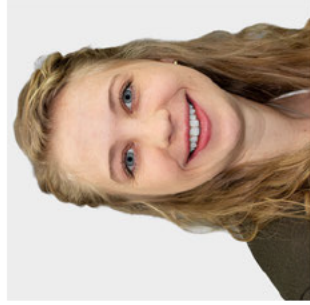
Brush College Road
Lead Structural Engineer

Qualifications

- » Illinois Licensed Professional Engineer
- » Illinois Licensed Structural Engineer
- » Structural analysis and design of highway and railroad structures
- » Retaining wall, culvert and viaduct structure design

Meet the team

The AECOM team brings together the wide array of technical specialists the CREATE GS12 project demands. The key personnel listed here will be directly involved in the supervision of their respective technical areas.

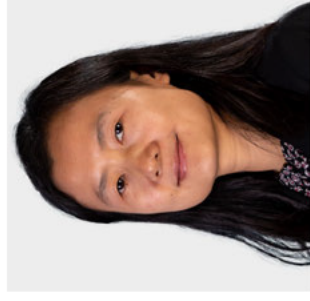


**Griffin Cullen,
PE, CFM**
Drainage Engineer
AECOM

Qualifications

Illinois Licensed Professional Engineer
Certified Floodplain Manager (Illinois, Colorado, New Mexico)

Griffin is a Illinois Licensed Professional Engineer and Certified Floodplain Manager (CFM) with the Illinois Association of Stormwater and Floodplain Managers. She offers experience in floodplain mapping, flood hazard mitigation studies and drainage design, along with expertise in hydrologic and hydraulic modeling of rivers. She has performed drainage calculations and completed drainage reports for stormwater infrastructure projects across the country.



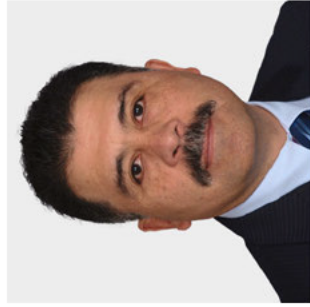
**Min Zhang, PE,
PhD**
Geotechnical
Engineer
GSG

Qualifications

Illinois Licensed Professional Engineer

Min specializes in slope stability, soil-structure interaction, seismic hazard and risk analysis, landslide investigation and mitigation, soil laboratory testing, and numerical analysis. Min has more than 10 years of experience in geotechnical engineering and has managed and acted as lead researcher for landslide investigation, underground structure under seismic loading, geothermal foundations, soil blasting, suction caisson, soil improvement, and instrumentation. Her experience includes the design and oversight of subsurface investigations and laboratory testing programs that include geotechnical sampling, pavement cores, infiltration testing, and laboratory testing. She prepares calculation, analysis and reports for geotechnical engineering projects that include shallow and deep foundation recommendations, site-specific seismic hazard analysis, slope stability analyses for retaining structures and excavations, pavement design and construction, pipeline studies, and earthwork.

Meet the team



Gerardo Sanchez, PLS
Land Surveyor
Sanchez & Associates

Qualifications

Illinois Licensed Professional Land Surveyor

Gerardo is a professional land surveyor with over 31 years of experience in a wide variety of surveying applications including transportation design surveys, control surveys, quality control, land acquisition surveys, hydrographic surveys, aerial photogrammetry ground control, ALTA/ACSM land title surveys and boundary surveys in a variety of projects including surveys for airports, highways, expressways, bridges, railroads, transit lines, and underground utilities.



Jason Gregor, PE
Roadway Engineer
AECOM

Qualifications

Illinois Licensed Professional Engineer

Jason brings more than 23 years of experience in the planning and design of projects for public and private clients, including Cook County, CREATE, Chicago Department of Water Management, IDOT, and CDOT. While with a prior firm, he worked as a project engineer responsible for roadway design and geometrics for the Phase I study for the grade separation of Columbus Avenue and Belt Railway Company of Chicago - CREATE project GS11. He is currently serving as AECOM's project manager for the Phase II design for the grade separation of Archer Avenue and the BRC - CREATE project GS9.



John Wirtz, PE, PTOE
Multi-Modal Planning Lead
AECOM

Qualifications

Illinois Licensed Professional Engineer

Certified Professional Traffic Operations Engineer
With 19 years of multi-modal transportation planning and design experience, John is passionate about Complete Streets and traffic safety. John has worked on a variety of traffic engineering, preliminary engineering, and civil design projects, often with a focus on finding complete streets solutions that work for all users. He has also worked on major NEPA environmental studies for roadway, transit, and freight projects, including the CTA's Red Line Extension and as the Deputy Environmental Lead for the CREATE Program's 75th Street Corridor Improvement Project. His range of experience gives him a holistic view of how the planning and design of our transportation systems affects our communities and quality of life.

Meet the team

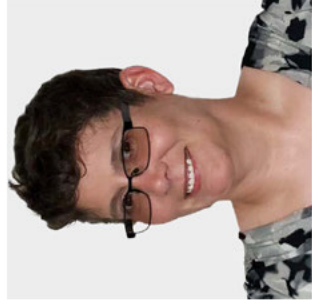


Michelle Inouye, PLA, LEED AP, BD+C
Urban Design/Land Use Planning Lead
AECOM

Qualifications

Illinois Licensed Professional Landscape Architect
LEED Accredited Professional, Building Design and Construction

With over 25 years of significant public and private experience, Michelle collaborates on long-range planning studies for major public initiatives and leads multi-disciplinary teams to solve and articulate complex design problems. Michelle guides the creation of plans, specifications and estimates, coordinating with agencies to streamline project execution. Michelle also leads presentations, meetings and workshops to facilitate the public process and transitions strategic development plans through funding and implementation stages. She works closely with her clients to understand their development issues and then implement diverse solutions in response to specific programs.

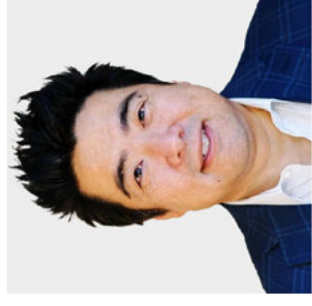


Pam Blazo, PE, RSP2I
Safety Lead
AECOM

Qualifications

Licensed Professional Engineer (Michigan)
Certified Road Safety Professional 2

Pam is a distinguished Senior Traffic Safety Engineer renowned for her expertise in traffic safety and operations. With over 20 years of dedicated service in the field, Pam has solidified her reputation as a leader in her profession, consistently delivering impactful solutions and strategies to enhance road safety.



Stan Wang, PE, PTOE
Traffic Engineer
AECOM

Qualifications

Illinois Licensed Professional Engineer
Certified Professional Traffic Operations Engineer

Stan is an accomplished traffic engineer known for developing solutions for congested urban corridors. As Lead Traffic Engineer for the Jane Byrne Interchange and Project Manager of CDOT's Loop Link, he has helped bring transformative change to the transportation systems of downtown Chicago. Stan has worked in neighborhoods across Cook County to address mobility and traffic flow issues. He has also served as the Lead Traffic Engineer providing consultation to the IDOT District 1 Geometric Engineer for over a decade.

Meet the team



**Dipal Vimawala,
PE, SE**
Quality Engineer
AECOM

Qualifications

Illinois Licensed Professional Engineer
Illinois Licensed Structural Engineer

Dipal has extensive experience in project management, structural analysis and design and in quality control reviews. His experience includes grade separations, highway and railway structures, traditional design-bid-build and design-build projects involving major interchanges, movable bridges, transit facilities and industrial facilities. Dipal also has practical experience with constructibility reviews and construction management. As manager of the Bridge Design group for the west region of AECOM, Dipal's primary responsibilities include project coordination within various offices, leading technical activities, staff supervision and training, coordination between various design disciplines, and supervision of contract documents preparation.

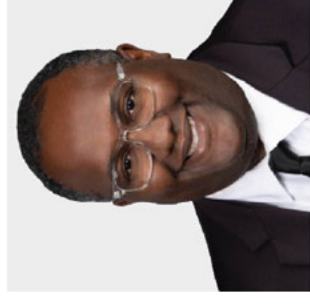


**Brian Smith,
CWB, PWS**
Environmental Lead
AECOM

Qualifications

Certified Wildlife Biologist (CWB)
Professional Wetland Scientist (PWS)

Brian brings over 40 years of experience in Phase I planning, public involvement, agency coordination, environmental assessments, and impact statements, with a broad understanding of agency requirements for air quality, water quality, traffic noise, socioeconomic/community impacts, historic preservation, parkland/Section 4(f) coordination, endangered species coordination and special/hazardous waste mitigation. He has prepared EAs and EISs, technical reports, and mitigation plans for local, state, and federal agency projects, as well as for private industry and non-profit organizations. Additionally, Brian has extensive qualifications in ecology, wetland identification, evaluation, mapping, and mitigation design.



Keith Spencer
Public Involvement
Lead
RM CHIN

Qualifications

10+ years of public involvement and stakeholder engagement experience

Keith has over a decade of experience in communications, stakeholder engagement, and public involvement, working with both public and private sector transportation clients. As a consultant, Keith has developed and led public involvement and strategic communication plans for major transportation projects, including the Illinois High-Speed Rail Program and the CTA Red Line Extension. He has significant experience with IDOT, where he worked in outreach and marketing for passenger rail and transit operations. Keith currently oversees strategic direction and client relationship management for public involvement in the CREATE Program, allowing for effective engagement with stakeholders and compliance of subconsultants. His expertise includes orchestrating outreach activities, refining messaging, and managing collaboration between various public and private sector stakeholders. In addition to his time in consulting, Keith worked for IDOT in the Office of Intermodal Project Implementation in rail and public transit.



Timothy Whalen, PE

Project Manager
AECOM

Tim has extensive project management experience, delivering on a range of projects and programs in Illinois. His experience is centered on leading multi-disciplinary teams and coordinating the diverse skills of project teams, specialty subconsultants, and additional AECOM resources and subject matter experts. Developed from his experience, Tim's key skill sets include conflict and issue management, risk management, and coordination. He has maintained oversight for projects and programs for a diverse range of clients from local municipalities to counties to state agencies, including Cook County, IDOT, CTA, ISTHA, NICTD, CDA/OMP, Metra, CMAP, and the City of Chicago.

Education

BS, Civil Engineering, University of Dayton, 1999

Years of experience

24

Registrations

Professional Engineer, IL #062058067

Professional Engineer, IN #PE11200504

Affiliations

American Society of Civil Engineers

American Council of Engineering Companies

WTS Greater Chicago

HACIA

ACE Chicago Mentor Program – Executive Board

Project experience

Cook County Department of Transportation and Highways (CCDOH), Design Engineering Services Master Services Agreement (MSA), Cook County, IL. Project Principal-in-Charge responsible for the

overall execution and delivery of the various work orders assigned under the MSA. The MSA is a work order-based Professional Services Agreement with CCDOH. The scope of services provided under this agreement have been diverse, covering multiple disciplines and a range of complexities. Agency coordination has been a key aspect in support of the County. Work orders within the agreement have addressed planning and preliminary engineering, design engineering, Phase II final design, various contract document reviews, various studies and reports, asset management, program management, and public involvement. Notable work orders include the implementation of the Fair Transit Program, development of the ADA Transition Plan, 87th and Roberts Phase I and II Design, Cityworks support, and Program Management for Pavements, Culverts and Bridges/Structures. (2017-2023 [prior MSA]; 2022-Present [current MSA])

Illinois Department of Transportation, District 1, Geometrics Program Management Consulting, Chicago, IL. Project Manager responsible for overall

management and coordination of the program providing geometric engineering services and support on various projects, including Phase I planning, final design, construction, and maintenance. The projects are either in-house, under contract with other consultant engineering firms, or entities other than IDOT such as private developments requesting traffic access permits onto IDOT state routes. Other work includes special geometric studies, traffic studies, Phase I studies, feasibility studies and scoping evaluation studies. Other responsibilities included the implementation and monitoring of a mentor-protégé (M-P) agreement with our subconsultant. After the program was renewed in 2021, AECOM shifted to a subconsultant role allowing our former subconsultant (who successfully completed the M-P program and obtained prequalification) to lead the current geometrics program with our continued support. (2015-2018 [PM]; 2018-2021 [PIC-Prime]; 2021-Present [PIC-Sub])

Northern Indiana Commuter Transportation

District (NICTD), West Lake Corridor Construction

Management, Dyer to Hammond, IN. Project Principal-in-Charge responsible for the execution, delivery and client collaboration of our construction management contract. The project is an approximate 8-mile southern extension of the existing NICTD South Shore Line (SSL) between the Town of Dyer and City of Hammond, Indiana and is expected to attract over 7,000 daily boardings in 2040. Our main focus is to manage the construction phase effort in support of NICTD and their funding partners. The project is being executed as design-build, and includes coordination with NICTD's Program Manager (PMO), the DB Contractor, FTA, and several other agencies and municipalities. (2020-Present)

Chicago Department of Transportation, Western

Avenue Viaduct over Belmont Avenue Phase II,

Chicago, IL. Project Manager for Phase II design for the viaduct project located on the northwest side of the City between Jones Street and Addison Street. The project involved corridor enhancements for approximately 1.2-miles of urban public way along Western Avenue. Improvements included roadway reconstruction and resurfacing, drainage improvements, street lighting, traffic signals, structure demolition and rehabilitation, right-of-way acquisition, and streetscape. The project included extensive coordination with IDOT, Cook County, City agencies, utilities, aldermanic offices, surrounding communities and other project stakeholders. A key challenge was to design the maintenance of traffic and construction staging to limit impacts to users of the public way and surrounding residential and commercial interests. (2012-2018)

Chicago Department of Transportation, CREATE GS9,

Archer Avenue Grade Separation Phase I, Chicago, IL.

Project Manager for the Phase I preliminary engineering study of a grade separation for Archer Avenue at the existing Belt Railway (BRC) tracks. The project, which is part of the CREATE program, is located in a densely

populated area of the City of Chicago in close proximity to Midway Airport. Key challenges for the project include constructability, maintenance of traffic, and public outreach. The project includes data collection, alternatives analysis, geometrics and preliminary ADA design, structural development and design, hydraulics and drainage, traffic, and public involvement. Extensive coordination with the BRC, IDOT, Midway Airport, City agencies, utilities, aldermanic offices, and other project and community stakeholders was essential to the success of the project. (2016-2017)

Illinois Department of Transportation, Transportation

Program Management Contract 2013-2016, Cook

County, IL. Deputy Project Manager responsible for overall management and coordination of the program management contract. The scope of services included providing geometric engineering services and support on various projects, including Phase I planning, final design, construction, and maintenance. The projects were either in-house, under contract with other consultant engineering firms, or entities other than IDOT such as private developments requesting traffic access permits onto IDOT state routes. Other work included special geometric studies, traffic studies, Phase I studies, feasibility studies, and scoping evaluation studies. Other responsibilities included the implementation and monitoring of the M-P agreement with our subconsultant. (2013-2016)

Village of Bridgeview, CREATE GS14, 71st Street at

CSX/IHB Railroad Grade Separation, Bridgeview,

IL. Project Manager for the Phase II design of a grade separation project for 71st Street at the existing CSX/IHB tracks. Design elements include a new bridge structure, retaining walls, roadway and access improvements, drainage improvements, utility relocations, traffic control, lift station, street lighting and landscape. The project involved public involvement and outreach, land acquisition, full ADA compliance and extensive coordination with project stakeholders including IDOT,

the Federal Highway Administration, CSX, CREATE, utility agencies, local businesses, and property owners, as well as the management of outside subconsultants. (2009-2014)

Chicago Department of Transportation, Wabash

Avenue Renovation, Chicago, IL.

Project Manager for renovation and streetscape improvement of Wabash Avenue from Harrison Street to Wacker Drive. Design elements included filling and reconstructing sidewalk vaults, special foundation design, drainage improvements, special sidewalk paving, and a custom street lighting system. Urban design elements included decorative lighting features, entry portals, gateway signage, and landscape improvements. The project involved concept design and implementation, full ADA compliance, and extensive coordination with city agencies, community groups, property owners, and tenants, as well as the management of outside architectural firms, other subconsultants, and electrical, civil, and structural disciplines in-house. The project was awarded the ISPE Chicago Chapter Chicagoland Excellence in Engineering Award. (2004-2009)

Village of Franklin Park, CREATE GS5a, Grand Avenue

Grade Separation, Franklin Park, IL.

Project Engineer for design and plan preparation for improvements to Grand Avenue and several local access roadways. Project tasks consisted of roadway design, drainage and utility improvements, grading, traffic control, land acquisition and coordination with the involved property owners, railroad agencies, the client and other disciplines. (1995-2007)



Kirsten Mawhinney, PE

Deputy Project Manager
AECOM

Kirsten is a Project Manager with experience leading Phase I and II transportation projects. Kirsten specializes in Phase I (planning) studies for streets, highways, transit, and freight projects. Her background includes transportation planning, traffic analysis, environmental documentation, the National Environmental Policy Act process, and public involvement. Kirsten is particularly skilled in environmental documentation, having contributed to numerous categorical exclusions, environmental assessments, and environmental impact statements.

Education

BS, Civil Engineering, Purdue University, 2005

Years of experience

19

Registrations

Professional Engineer, IL #062062611

Training

National Environmental Policy Act (NEPA)

Project experience

Chicago Department of Transportation (CDOT), IL 50 (Cicero Avenue) over the Chicago Sanitary and Ship Canal Phase I Study, Chicago, IL. Project Manager leading the Phase I study for improvements to the IL 50 (Cicero Avenue) bascule bridge. The project involves the structural inspection of the bridge, an evaluation to determine the appropriate repairs and replacement elements to improve the bridge's structural sufficiency. As a bascule bridge constructed in the early 1900s, this study also involves coordination with the IL SHPO. The project limits are near a BNSF bridge to the south and a CN at-grade crossing to the north. In addition, coordination with the U.S. Coast Guard is required as the canal is a navigable waterway as well as coordination with the U.S. Army Corps of Engineers. This Phase I study is being processed through the IDOT Bureau of Local Roads (BLRS). (2019-Present)

new Brush College Road overpass. The project involved advancing the design, preparation of plans, specifications, and estimates, right-of-way (ROW) survey and plat preparation. In addition to grade separating Brush College Road from Faries Parkway, Canadian National (CN) Railroad tracks, and NS tracks, the design also included new side roads and track realignment for CN. Efforts also included environmental considerations and commitments and railroad permitting, as well as public involvement activities during the final design of the grade separation project. (2019-2023)

South Shore Line, Station Alternatives Study, South Bend, IN. Project Manager that led the study of alternative terminal station locations of the South Shore Line in South Bend, Indiana. The study involved conceptual design of rail alignments and station layout with associated capital, operating, and maintenance costs, as well as an assessment of the potential environmental and community impacts. The project involved coordination with the Northern Indiana Commuter Transportation District and NS. (2019-2021)

City of Decatur, Brush College Road Grade Separation Phase II Design, Decatur, IL. Project Manager leading the preparation Phase II engineering services for an overpass carrying Brush College Road over the Norfolk Southern (NS) Railroad and Faries Parkway and a connector roadway between Faries Parkway and the

CDOT, CREATE GS9, Archer Avenue Grade Separation Phase I, Chicago, IL. Deputy Project Manager for the Phase I study of the potential grade separation

of Archer Avenue and the Belt Railway Company of Chicago (BRC) tracks. The project was coordinated through IDOT BLRS, and processed as a categorical exclusion. Because Archer Avenue is an IDOT route, any proposed improvements along Archer Avenue needed to be designed according to the IDOT BDE manual. The project involved an alternatives analysis of grade separation options, extensive public improvement activity including community advisory group meetings, evaluation of environmental impacts potential ROW acquisition, preparation of conceptual design plans, and documentation in a project development report. (2016-2017)

CDOT, Division of Project Development, Central Area

Transitway: East-West Corridor Bus Rapid Transit (BRT) Phase I, Chicago, IL. Transportation Planner for a study to introduce BRT through the Chicago Loop. The project aimed to improve downtown circulation through the introduction of innovative priority bus lanes between Navy Pier and Chicago's transit terminals to reach the highest standard of BRT service. Design of this new system included managing the demands of existing vehicular traffic, parking and building access and incorporating the infrastructure of protected bus and bicycle lanes, and boarding platforms and street furniture all within the existing roadway width. The study included the analysis of traffic operations within the Chicago Loop using Synchro traffic modeling, the assessment of lane and curbside utilization, identification of necessary traffic signal upgrades, and the implementation of transit signal priority. (2016-2017)

CDOT, Western Avenue Viaduct over Belmont Avenue Phase II Design, Chicago, IL. AECOM previously performed Phase I and II services for the reconstruction of the Western Avenue corridor between Jones Street and Waveland Avenue. The Phase II services involve the development of contract documents for the construction of the improvements within the corridor. Kirsten was specifically involved in the public involvement and

preparation for the open house activities for Phase II of the project. (2016)

McHenry County Division of Transportation, Deerpass Road over the Kishwaukee River Phase I Study, McHenry County, IL. Transportation Engineer assisting with the Phase I study for the removal of the two existing bridges over the north and main/south channels of the Kishwaukee River, and the reconstruction with a longer single bridge structure. The project included bridge inspections and plan development, hydraulic studies, land acquisition, and environmental coordination and permitting. Specific responsibility included preparation of the project development report for review and approval by IDOT's BLRS. (2015-2017)

CDOT, Burlington Avenue Phase I Study, Chicago, IL.

Transportation Engineer completing the Phase I study that was processed as a Categorical Exclusion (Group II) for the construction of Burlington Avenue between 106th Street and 126th Street. Burlington Avenue and the intersecting streets are under CDOT's jurisdiction except for 106th Street, which is an IDOT route. The purpose of the project was to improve the transportation facilities and access to this former industrial area. Responsibilities included client and agency coordination, revisions to the Intersection Design Study, and preparation of the Project Development Report for review and approval by IDOT's BLRS. (2015-2017)

Metra, Cost Benefit Analysis, Chicago, IL.

Transportation Engineer on a study to support Metra's Strategic Planning process. Approximately 30 potential expansion projects were evaluated to assist Metra in prioritizing future capital investments. The work involved defining service and capital plans, estimating capital and O&M costs, forecasting ridership, identifying potential funding sources, and estimating the impacts on the system's State of Good Repair. (2015-2017)

Illinois Department of Transportation (IDOT), IL Route 47, Huntley, IL.

Project Manager for the Preliminary Engineering and Environmental Assessment for the improvements to 8-miles of two lane roadway in a rapidly developing rural corridor between Huntley and Woodstock. The project involved in the preliminary (Phase I) for widening and resurfacing 9-miles of rural 2-lane roadway including curb and gutter, storm sewer, culvert extension and replacement, ditch drainage, water main relocation, utility coordination, and construction staging. This project used IDOT's Context Sensitive Solutions (CSS) process. As such, a comprehensive public and stakeholder involvement process was developed. (2014-2017)

Chicago Transit Authority, BRT Program Management

Oversight, Chicago, IL. Program Manager/Project Manager that assisted CTA with advancing multiple BRT initiatives in various stages of project planning, development, and construction so that institutional continuity and systemwide efficiencies were applied throughout the BRT program. Reduced overall cost of implementing the BRT program by managing common risks associated with federal processes, project performance, and milestone decision making. PM services included strategic program and project guidance, planning oversight and services, NEPA oversight and environmental services, design oversight and services, and construction planning and oversight. (2012-2014)

IDOT, Irving Park/Wood Dale/Metra Grade Separation,

Wood Dale, IL. Transportation Engineer for the Phase I preliminary engineering design for the Irving Park Road/Wood Dale Road intersection and Metra grade separation. Responsible for completing the engineering report for improvements to the intersection based on the City Council's safety committee recommendations and the comments received from the public hearing on the Environmental Assessment. (2011)



Demir Dabezic, PE, SE

Structural Engineer
AECOM

Demir is a well-rounded structural engineer who is well versed in the analysis and design of highway structures for CDOT, IDOT, and local agencies. Having played key roles on major grade separations at 71st Street and Archer Avenue, he is especially knowledgeable in the construction of viaducts, retaining walls, and grade separations.

Project experience

City of Decatur, Brush College Road at Norfolk Southern Railroad and Faries Parkway Grade Separation, Decatur, IL. Lead Structural Engineer

responsible for quality control review of analysis, design, and plan preparation of a grade separation structure carrying Brush College Road over the Norfolk Southern Railroad and Faries Parkway. Project improvements required revision of Type, Size, and Location (TS&L) plans for the optimized two-span structure and retaining walls supporting the approach roadway, as well as preparation of Phase II final plans, specifications and cost estimate. Assisted the design team by modeling the proposed structure using CSI Bridge 3D-Finite Element Modeling software, as well as participating in coordination with the client, subconsulting firms, railroad, and other agencies involved. (2019-2024)

Chicago Department of Transportation (CDOT), CREATE GS9, Archer Avenue Grade Separation Phase I, Chicago, IL. Structural Lead Engineer for Phase I design and plan preparation of a grade separation to improve operations along Archer Avenue at the Belt Railway Company of Chicago (BRC) Railroad. Responsible for preparation of TS&L plans of the proposed structure and four retaining walls. Work includes coordination with CDOT, the railroad, and other agencies involved with the project. The Phase I study involves all feasible options,

including underpass and overpass will be evaluated and pros/cons will be presented to assist with the final selection. (2017-2024)

IDOT, I-80 Design Corridor Manager and I-80 EB and WB, Houbolt Road to Wheeler Avenue Design, Chicago, IL. The I-80 reconstruction project includes approximately 16-miles of the interstate from approximately Ridge Road to U.S. 30. The corridor includes three counties (Kendall, Grundy, and Will), and passes through six municipalities (Minooka, Channahon, Shorewood, Rockdale, Joliet, and New Lenox). The proposed improvements also include seven interchanges and over 30 bridges along the corridor. As Lead Structural Engineer, Demir is responsible for Phase I and II tasks including inspection, BCR and TS&L production, and final analysis, design, and plan development for two bridge and one culvert structures. Wheeler Avenue over I-80 Bridge Reconstruction and Widening (IDOT Contract Number 62R30) is a two-span steel plate girder bridge with integral abutments and multi column pier, all supported on steel H-piles foundation. I-80 over Midland Avenue Bridge Reconstruction (IDOT Contract Number 62R89) is a simple span prestressed concrete beam dual (WB and EB) bridges with MSE wrap around integral abutments supported on metal shell piles foundation. I-80 over Unnamed Tributary Culvert Reconstruction (IDOT Contract Number 62R27) is a replacement of an existing

Education

MS, Civil Engineering, University of Illinois at Chicago, 2011
BS, Civil Engineering, University of Illinois at Chicago, 2006

Years of experience

18

Registrations

Professional Engineer, IL #620065766
#081007749

Affiliations

ACEC IDOT Bridge Committee Member

6-foot by 3-foot culvert with a proposed triple barrel 4-foot by 9-foot CIP box culvert. Additional responsibility included preparation of project specifications and cost estimate, as well as Phase III construction coordination and shop drawing review for all three structures. (2021-2024)

CDOT, Chicago Avenue and Halsted Street Viaduct Improvements, Chicago, IL. Lead Structural Engineer. The project involves replacement and improvement of the Chicago Avenue and Halsted Street viaduct structures and reconfiguration of the intersection in accordance with the needs of bicyclists and Chicago Transit Authority (CTA) buses. Demir is responsible for Phase II analysis, design, and plan preparation of five viaduct structures and modification of existing retaining walls. His additional responsibilities include preparation of project specifications and cost estimate, as well as coordination with the client, subconsulting firms, railroad, and other agencies involved. (2016-2024)

CDOT, Division Street Bridge over North Branch Chicago River, Chicago, IL. Structural Engineer responsible for Phase I preliminary design and plan preparation for reconstruction of Division Street Bridge over North Branch Chicago River. Prepared TS&L plans for the proposed tied arch structure. Modeled and analyzed superstructure using CSI Bridge 3D-Finite Element Modeling software. Provided preliminary design of tied arch main members using the results from FEM and design spreadsheets. (2017-2021)

Illinois Department of Transportation (IDOT), Illinois Route 336 – Phase I and II Design, Peoria, IL. Structural Engineer on team responsible for Phase I preparation of TS&L plans for multiple bridge and culvert structures. (2016-2021)

IDOT, I-90/I-94 at I-290 Jane Byrne Interchange Rehabilitation Phase I, II and III Design, Chicago, Illinois. Structural Engineer responsible for Phase I and II tasks including inspection, BCR reports, TS&L plans,

and final design and plan development for various bridge and retaining wall structures. Prepared final deck design, superstructure, and bearing design calculations for two 2-span continuous straight steel plate girder structures and reviewed substructure design. Prepared final superstructure and bearing design calculations and plans for a 13-span, curved steel plate girder flyover structure. Responsible for Phase III review of shop drawings for the flyover structure and two 2-span steel plate girder structures. (2013-2020)

IDOT, I-55 and Lake Shore Drive Interchange Reconstruction, Chicago, IL. Structural Engineer responsible for Phase II final design and plan development. The primary focus of the project involved replacement of the deteriorating bridge structures and interchange reconfiguration, providing structural and geometric improvements to meet the current and proposed traffic demands, while improving aspects of the roadway and bridges to current design criteria. Responsible for superstructure design and plan preparation, bearing design and layout, and hammerhead type pier design. Reviewed camber design calculations, deck design calculations, and plans. (2014-2015)

CDOT, Wells Street Bascule Bridge over Main Branch of the Chicago River Rehabilitation, Chicago, IL. Wells Street Bridge is a double leaf, double decker bascule bridge which carries transit at the upper and highway at the lower level. Structural Engineer for analysis and plan preparations of bottom chord repairs, live load bearing repairs, and concrete repair details. Calculated dead load of the entire structure and reviewed balancing equations. Assisted in preparation of cost estimate and review of Phase III shop drawings. (2009-2012)

Village of Bridgeview, CREATE GS14, 71st Street at CSXT/IHB Railroad Grade Separation, Phase I and II, Bridgeview, IL. Structural Engineer responsible for Phase I and II design and plan preparation of a grade separation to improve operations along 71st Street at the CSXT Railroad. Prepared TS&L plans and final contract plans.

Analyzed and designed substructure of the proposed structure and five retaining walls. Assisted in the preparation of specifications, cost estimate, and review of shop drawings. (2010-2011)

McHenry County Division of Transportation, Kishwaukee Valley Road Bridge Over North Branch of Kishwaukee River, Phase I and II, McHenry County, IL. Structural Engineer. Work included Phase I and II design and plan preparation for reconstruction of Kishwaukee Valley Road Bridge over the north branch of the Kishwaukee River. Prepared TS&L plans and final contract plans. Analyzed and designed superstructure and substructure of the proposed structure. (2008-2009)

Griffin Cullen, PE, CFM

Drainage Engineer
AECOM



Griffin is a Illinois Licensed Professional Engineer and Certified Floodplain Manager (CFM) with the Illinois Association of Stormwater and Floodplain Managers. She offers experience in floodplain mapping, flood hazard mitigation studies and drainage design, along with expertise in hydrologic and hydraulic modeling of rivers. She has performed drainage calculations and completed drainage reports for stormwater infrastructure projects across the country.

Project experience

City of Warsaw, Warsaw Timber Ridge Stormwater Drainage Project, City of Warsaw, IN. Drainage Engineer. The City of Warsaw requested that AECOM design drainage infrastructure for an existing development on the East side of the City. Responsibilities on this project involve task delegation, calculation review, discipline coordination, and client meetings. (2024–Present)

Epic, West Road Bridge Design, Verona, Wisconsin.

Hydraulics Engineer Lead. Epic aims to provide access to the west side of their campus through the addition of a bridge that crosses the Sugar River. Responsibilities on this project include hydraulic and hydrologic modeling of the Sugar River, no-rise/CLOMR evaluation, permit support, interdisciplinary coordination, detailed review of compliance with local, state, and federal regulation, as well as client communication. (2023–Present)

Town of Breckenridge, Broken Lance Drive Replacement, Breckenridge, CO. Hydraulics Engineer/Deputy Project Manager. The Town of Breckenridge contracted AECOM to perform alternatives analysis, 30%, 60%, and IFB plans to replace existing degraded culverts with a ConSpan arch culvert, as well as roadway, drainage, waterline, and geotechnical design associated

Education

BS, Environmental Engineering, Colorado State University, 2016
BA, Liberal Arts, Saint Mary's College of California, 2016

Years of experience

8

Registrations

Professional Engineer, IL #062074059
Certified Floodplain Manager

Affiliations

Association of State Floodplain Managers (ASFPM)
Colorado Association of Stormwater and Floodplain Managers (CASFM)
New Mexico Association of Stormwater and Floodplain managers (NMFMA)
Illinois Association of Stormwater and Floodplain Managers (IASFM)

with this replacement. Responsibilities on this project include hydraulic and hydrologic modeling of the Blue River, no-rise/Conditional Letter of Map Revision (CLOMR) evaluation, budget and tracking, and client communication. (2021–Present)

Colorado Water Conservation Board, Summit County Risk MAP PMR, Summit County, CO.

Project Manager. As part of the Summit County Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) Countywide update, community selected streams were restudied. Responsibilities on this project include managing project schedules and budgets, leading the project engineers through the Phase I and II Risk MAP process, detailed hydrologic and hydraulic reviews, and attending and presenting at client and community meetings. (2021–Present)

Hover Development Company, LLC, 1901 South Hover Street Development Project CLOMR and Letter of

Map Revision (LOMR), Longmont, CO. Water Resources Engineer. This project worked to reassess the existing complex hydraulics through three parallel bridges and three parallel roadway/railroad embankments that define the flood hazards along Left Hand Creek near the project site before assessing the impacts from the proposed site development. Griffin's responsibilities included

performing 2D hydraulic analysis to determine split flow paths, calibrating the 1D regulatory model to include split flows, and preparation of the CLOMR and LOMR documentation, mapping, and forms in accordance with FEMA standards. (2020-2023)

Town of Castle Rock Water Stormwater Division, 6400 South Tributary Stabilization Project, Castle Rock, CO. Water Resources Engineer. This project provided stabilization to the 6400 South Tributary that has experienced erosion issues near infrastructure and recreational facilities that could compromise public safety. Griffin's involvement in this project included formulating a hydrologic suggested approach, performing calculations and designing a stable channel, drop structures, and bank laybacks to stabilize the eroding channel, and obtaining the CLOMR documentation. (2019-2023)

Min Zhang, PE

Geotechnical Engineer

GSG



Education

Doctor of Philosophy, Geotechnical Engineering,
The Hong Kong University of Science and
Technology, 2006
BS, Civil Engineering, Tsinghua University, 2000

Years of experience

17

Registrations

Professional Engineer, IL #062-071768
Professional Engineer, IA, #P28094
Professional Engineer, CA #86831

Min specializes in slope stability, soil-structure interaction, seismic hazard and risk analysis, landslide investigation and mitigation, soil laboratory testing, and numerical analysis. Min has more than 10 years of academic experience in geotechnical engineering and has managed and acted as lead researcher for landslide investigation, underground structure under seismic loading, geothermal foundations, soil blasting, suction caisson, soil improvement, and instrumentation. Her experience includes the design and oversight of subsurface investigations and laboratory testing programs that include geotechnical sampling, pavement cores, infiltration testing, and laboratory testing. She prepares calculation, analysis, and reports for geotechnical engineering projects that include shallow and deep foundation recommendations, site-specific seismic hazard analysis, slope stability analyses for retaining structures and excavations, pavement design and construction, pipeline studies, and earthwork.

Project experience

Illinois Department of Transportation (IDOT), PTB 188-024, Phase II – Beardstown Bridge Replacement

US 67 over Illinois River and Curry Lake F.A.P. RTE

310. Senior Engineer. Min coordinated and prepared Preliminary Foundation Type Report which provided a conceptual design sketch, and cost estimate for each foundation type to be considered for the proposed bridge replacement. Min also coordinated a supplement geotechnical investigation which included completing three supplement soil borings in the Illinois River and Curry Lake and collecting additional bedrock cores. She also prepared a structural geotechnical report (SGR) for the bridge replacement using previous investigation data completed by IDOT in 2021 and the additional geotechnical data completed in 2022. (2020-2021)

IDOT, PTB 189 Item 011, D-91-368-18 Phase II – FAI

55 and FAP 338, Will County, IL. Senior Engineer.

Developed geotechnical investigation program, supervised field sampling activities, performed geotechnical analyses and prepared geotechnical reports for one bridge, seven retaining walls, 12 overhead sign structures, two culverts, and traffic signals, as well as roadway and embankment. The geotechnical analysis also included a global stability analysis of multiple retaining structures and bridge embankments. Prepared geotechnical reports following IDOT requirements for structural geotechnical reports. (2021)

City of Rockford, 15th Street Bridge over Rock

River, Rockford, IL. Senior Engineer. Min supervised the geotechnical exploration program and coordinated the field sampling and testing program. She prepared SGRs for the proposed bridge replacement for IDOT's requirements. (2021)

IDOT, PTB 181-21 High-Speed Rail Chicago to Quad Cities, Various Counties, IL. Senior Engineer. Prepared structural geotechnical reports for various bridges and culverts. The geotechnical analysis included deep foundation system options and global stability analysis of the bridge embankment. Prepared geotechnical reports following IDOT requirements for SGRs. The SGR included structures over the Rock River, and Green River, and multiple Culverts along the proposed railroad embankment widening. (2020)

Illinois State Toll Highway Authority (ISTHA), Phase II Design Tollway Contract 4677, Elgin O'Hare Western Access, DuPage County, IL. Project Engineer. Provided oversight for the subsurface exploration program and laboratory analysis following the Tollway requirements for the bridge. The project was part of the I-490 extension roadway and consisted of four fly-over bridges over the Union Pacific Railroad mainline and spur line near the northwest corner of O'Hare International Airport and retaining walls for the bridge's embankment. Min performed geotechnical analyses for settlement and slope stability and prepared SGRs for the proposed new structures. (2020)

ISTHA, Tri-State Tollway Phase II Tollway Contract 4300, Cook County, IL. Sr. Project Engineer.

Performed geotechnical analyses including foundation recommendations for bridges and retaining walls including shallow foundations, drilled pier caissons, driven piles, embankment settlement, and mitigation and subgrade improvements for a total of 10 bridges, and more than 3,500 LF of retaining and noise walls. The geotechnical analysis also included a global stability analysis of multiple retaining structures. Prepared geotechnical reports following ISTHA requirements for SGRs. (2020)

ISTHA, Tri-State Tollway Phase II Tollway Contract

4301, Cook County, IL. Project Engineer. Performed geotechnical analyses and prepared recommendations for the construction of two new bridges over the CN

Railroad. The engineering analyses and design included foundation recommendations for drilled pier caissons, driven piles, embankment settlement and slope stability, and subgrade improvements. Prepared geotechnical reports following ISTHA requirements for SGRs. (2020)

ISTHA, Systemwide Maintenance Facilities

Construction Management Services – Supreme Drive, Cook County, IL. Project Engineer. Provided oversight for subsurface exploration program and laboratory analysis following IDOT and ISTHA requirements. Performed geotechnical analysis and prepared recommendations for design improvements to the existing roadway structures and construction recommendations. (2020)

Chicago Department of Transportation (CDOT),

CREATE EW2, Chicago, IL. Senior Geotechnical Engineer. Provided oversight and quality assurance services for preliminary field activities and reviewed a geotechnical report for the proposed embankment widening and improvements to the Norfolk Southern corridor. Evaluated soils according to all applicable IDOT, AASHTO, and AREMA standards. Provided quality control review of field testing, laboratory testing, and geotechnical analysis for foundation design and global slope stability and engineering design. (2020-2021)

CDOT, CREATE GS21a, UPRR Bridge over 95th Street

Grade Separation, Chicago, IL. Project Engineer. Performed geotechnical analyses, and prepared geotechnical reports for a new two-span railroad bridge, and a two-span pedestrian bridge and retaining walls. Performed geotechnical analyses, and prepared geotechnical reports for both bridges and retaining walls. The geotechnical analysis also included global stability and settlement analyses, and foundation design analyses following AREMA requirements. (2020)

Metra, Rock Island Realignment Overpass Bridge,

Chicago, IL. Project Engineer. Performed geotechnical analyses, and prepared geotechnical reports for a new three-span bridge structure and retaining walls. The

geotechnical analysis also included global stability and settlement analyses, and foundation design analyses following AERMA requirements. (2020)

IDOT, Montrose Avenue over I-90/94, Chicago, IL.

Project Engineer. Provided oversight for a subsurface exploration program and laboratory analysis following IDOT requirements. Performed geotechnical analysis and prepared a geotechnical memorandum for subsurface soil conditions, groundwater conditions, and design and construction recommendations for temporary sheet pile walls. (2019)

IDOT, Spoon River Bridge, Stark County, IL. Project

Engineer. Conducted engineering analyses and modeled large-diameter open-ended pipe piles. Provided alternate modeling results and prepared the foundation section of the SGR. (2019)

Gerardo Sanchez, PLS

Land Surveyor
Sanchez & Associates



Gerardo is a professional land surveyor with 31 years of experience in a wide variety of surveying applications including transportation design surveys, control surveys, quality control, land acquisition surveys, hydrographic surveys, aerial photogrammetry ground control, ALTA/ACSM land title surveys, and boundary surveys in a variety of projects including surveys for airports, highways, expressways, bridges, railroads, transit lines, and underground utilities.

Project experience

Illinois American Water, Mt. Prospect Project, Mt. Prospect, IL. Project Survey Manager. Gerardo was responsible for coordinating all the surveying activities in support of the Illinois American Water project along N. Indigo Drive, N. Mandell Lane, and Wood Lane in Mount Prospect, Illinois. His responsibilities included setting a minimum four horizontal control points and four vertical control points. Also, Gerardo and Sanchez & Associates coordinated a full topographic survey and cross sections at 100-foot intervals from right-of-way to right-of-way (ROW) along for various streets. (2021)

ROW. Deliverables consisted of creating a base map which included all collected topographic features, utility structures, underground lines, and a DTM with representing the existing terrain with contours at 1-foot intervals. (2014-2015)

Western Avenue Streetscape, Chicago, IL. Gerardo was the Project Survey Manager involved on all survey activities required for the boundary, topographic, and underground utility survey of the four lanes Western Avenue in Chicago, from Washington Avenue on the south to Diversey Avenue on the north for a total length of 3.5-miles along one of the busiest arterial streets in the near west side of the City of Chicago. (2007-2008)

Irving Park Road over Chicago River, Chicago, IL. Project Survey Manager for the survey tasks as required by the professional team working on the design of the bridge improvements and design of a new pedestrian and bike path along the west bank of the river. The scope of work and delivery was to create various plats of boundary survey, plats of easements and plats of dedication. (2015-2016)

Weber Trail, Chicago, IL. Project Survey Manager that coordinated the group of field surveyors, survey, and CAD technicians working on the survey of the 1.5-miles of the proposed pedestrian path corridor and obtained elevations outside of the limits of the existing

Education

Specialization on Highway Design, Universidad Estado Mexico (UAEM), 1985-1986
BS, Civil Engineering, Universidad de Michoacan (UMSNH), Mexico, 1982
Various Surveying and Computer Classes, Rancho Santiago College, 1995

Years of experience

31

Registrations

Professional Licensed Surveyor, IL #035003486
Professional Licensed Surveyor, IN #20900177

Affiliations

Member of Illinois Professional Land Surveying Association
Member of the Indiana Society of Professional Land Surveyors
Member of National Society of Professional Surveyors

Jason Gregor, PE

Roadway Engineer
AECOM



Jason brings more than 23 years of experience in the planning and design of projects for public and private clients, including Cook County, the Chicago Department of Water Management, IDOT, and CDOT. While with a prior firm, he worked as a project engineer responsible for roadway design and geometrics for the Phase I study for the grade separation of Columbus Avenue and Belt Railway Company of Chicago, CREATE GS11. He is currently serving as AECOM's project manager for the Phase II design for the grade separation of Archer Avenue and the BRC - CREATE GS9.

Education

BS, Civil Engineering, Rose-Hulman Institute of Technology, 1996

Years of experience

23

Registrations

Professional Engineer, IL #062056660

Affiliations

American Society of Civil Engineers

Project experience

Chicago Department of Transportation (CDOT), CREATE GS9, Archer Avenue Grade Separation, Phase

II Design, Chicago, IL. Project Manager. Responsible for the design of a grade separation of Archer Avenue and the Belt Railway of Chicago (BRC), CREATE GS9. The project eliminates the existing at-grade crossing of Archer Avenue and two BRC tracks to reduce roadway congestion and improve safety. Work includes roadway and geometric improvements of Archer Avenue from Knox Avenue to Kolmar Avenue, proposed rail bridge and retaining walls, utility relocation, land acquisition, storm detention, lighting and ADA improvements, and a proposed pump station. Design completion is being fast-tracked in order to meet FWHHA funding requirements. (2023-Present)

CDOT, West Loop Train Terminal Area Comprehensive Traffic Framework Plan, Chicago, IL.

IL. Project Manager. Responsible for assessment of the Clark Street Corridor from Ida B. Wells to 18th Street. Clark Street is a complex mix of lane adds, drops, and misalignments and is being studied to determine a simplified and improved lane balance utilizing a combination of re-striping, curbline adjustments, and reconstruction. (2022-present)

CDOT, Madison Street Landscape Median Improvement, Chicago, IL.

Project Manager. Responsible for the design of a landscaped median and streetscape improvement project of more than 2-miles of Madison Street. This project began as a streetscaping project that included pavement resurfacing, but the project scope changed as the condition of the existing pavement indicated that complete reconstruction was necessary. The overall project scope included pavement reconstruction, landscape design of 18 median planters, and design of new ADA-compliant sidewalk and ramps, roadway lighting, and partial and full traffic signal modernizations. [Prior to AECOM] (2012-2023)

CDOT, Roosevelt Road Interconnect Project, Western Avenue to Lake Shore Drive, Chicago, IL.

Project Manager. Responsible for the design of a 3.5-mile traffic signal interconnect system along Roosevelt Road from Western Avenue to U.S. 41 (Lake Shore Drive). The system interconnected 26 signal controllers and also included system detectors, traffic surveillance video cameras, accessible pedestrian signals, and three traffic signal modernizations. As part of the City's design process, traffic counts were performed to develop traffic signal requirements and a calibrated Synchro base model.

Optimized traffic signal timing plans were developed to balance intersection signal green time allocation with vehicle demand and capacities subject to pedestrian minimum crossing time requirements. Count data and timing plans were presented in City standard electronic forms. The project also included the design of new ADA-compliant sidewalk ramps and upgrades to signal controllers. [Prior to AECOM] (2020-2022)

CDOT, Roosevelt Road Systems Communications, Western Avenue to Lake Shore Drive, Chicago, IL. Project Manager. Responsible for the integration of the communication system required for the Roosevelt Road Interconnect project. The system included the design, implementation, and testing of wireless communications networks to provide robust and reliable communications between the City of Chicago's Office of Emergency Management and Communications (OEMC) and traffic signal interconnect field devices. [Prior to AECOM] (2020-2022)

Chicago Department of Water Management, Sewer Design, Chicago, IL. Project Manager. Responsible for task order design of sewer main replacement and repairs, varying in size up to roughly 7-miles in length. Work included sewer pipe installations via open cut and tunneling methods, drainage structures, including junction chambers, tumbling basins, and storage basins, water main supports, and associated street, parkway, sidewalk and ADA ramp restoration work. Unique task order projects that Jason was involved with include the incorporation of an 84-inch tunnel design on Archer Avenue, coordination of multiple utility relocations, and development of plat exhibits for permanent utility easement with the Belt Railway and in coordination with the Chicago Law Department. [Prior to AECOM] (2014-2022)

CDOT, Accessible Pedestrian Signals (APS), Chicago, IL. Project Manager. Responsible for completing design plans implementing APS equipment for up to 50 locations throughout the City of Chicago. Locations were based

on input from the community and assessment of factors such as intersection layout, crosswalk layout, crossing distance, adjacent vehicular movements, and proximity to public transportation and destinations. Work included developing an intersection scoring worksheet to rank locations for implementation and research of APS equipment for use by the City of Chicago to implement on all future APS installations. [Prior to AECOM] (2019-2022)

Cook County Department of Transportation and Highways (CCDOH), Sanders Road Phase I Study, Cook County, IL. Project Manager. Responsible for completing a Phase I study for Sanders Road from Milwaukee Avenue to Techy Road, a length of approximately 1.9-miles. The existing roadway cross section is two lanes in each direction with curb and gutter and a four-foot median. The proposed improvement addressed pavement rehabilitation by means of resurfacing or reconstruction. Also, a minor realignment of Sanders Road into Milwaukee Avenue was investigated, as well as the addition of left-turn lanes at intersections with higher left-turn volumes to move these vehicles out of the through lanes of traffic. [Prior to AECOM] (2019-2021)

CDOT, Columbus Avenue Grade Separation Phase I Study, Chicago, IL. Project Engineer. Responsible for roadway and geometrics for this Phase I study for the grade separation of Columbus Avenue and the Belt Railway of Chicago (BRC), CREATE GS11. The project studied the elimination of the at-grade crossing of Columbus Avenue and three BRC tracks to reduce roadway congestion and improve safety. The project included an evaluation of improvements to the existing five-leg complex intersection of 74th/Columbus/Western. Jason's previous firm was responsible for environmental, including noise, air quality, community impacts, roadway and geometrics, drainage studies and pump station hydraulic analysis and report, traffic maintenance, and right-of-way (ROW) impacts. [Prior to AECOM] (2018-2020)

CDOT, Americans with Disabilities Act (ADA) Ramp Design, Chicago, IL. Project Manager. Responsible for the associated development of sidewalk ramp design plans compliant with City standards and the ADA. In conjunction with the City's Arterial Resurfacing Program, Jason helped analyze existing ramp conditions for more than 40-miles of arterial resurfacing and assigned the appropriate level of effort required at each corner for compliance. [Prior to AECOM] (2017-2020)

CDOT, Major Project Program, Chicago, IL. Project Manager. Responsible for CDOT's Major Project Program, which included Phase I study (Damen/Elston/Fullerton and Armitage/Elston/Ashland) and Phase II design (Chicago Avenue, Milwaukee Avenue, Grand Avenue, and Wells Street) services for project sites being reconstructed with new and rehabilitated utilities, streetscape, and landscape elements, traffic signal modernizations and environmental remediation. This project addressed complex intersections at Damen/Elston/Fullerton and Armitage/Elston/Ashland. Jason coordinated with architects/engineers, private utilities, and other City agencies to develop contract bid plans and specifications that met both CDOT and IDOT standards. He also coordinated with contractors and other agencies to coordinate both public and private utility conflicts and to maintain constructions budgets and schedules. [Prior to AECOM] (2009-2011)

CDOT, CHA Redevelopment Infrastructure Program, Chicago, IL. Project Manager. Responsible for the CHA Redevelopment Infrastructure Program which included nine project sites requiring installation of more than \$45M of new and rehabilitated utilities, roadways, streetscape elements, and landscape facilities. Jason coordinated complete roadway improvements with CHA redevelopment teams, developers, private utilities, architects/engineers, contractors, and other City agencies. He prepared and evaluated bid contract plans and specifications for infrastructure improvements and maintained project budgets and schedules. [Prior to AECOM] (2004-2009)

John Wirtz, PE, PTOE

Multi-Modal Planning Lead
AECOM



Education

MS, Civil Engineering, Northwestern University, 2004
BS, with Distinction, Civil Engineering, Ohio State University–Main Campus, 2002

Years of experience

19

Registrations

Professional Engineer, IL #062060954
Professional Traffic Operations Engineer, #2932

John is a licensed professional engineer (PE) and certified professional traffic operations engineer (PTOE) with 19 years of traffic engineering, transportation planning, and design experience. He is passionate about multi-modal transportation, complete streets, and traffic safety. John has worked on a variety of traffic engineering, preliminary engineering, and civil design projects, often with a focus on finding complete streets solutions that work for all users. He has also worked on major NEPA environmental studies for roadway, transit, and freight projects, including the CTA's Red Line Extension and as the Deputy Environmental Lead for the CREATE Program's 75th Street Corridor Improvement Project. His range of experience gives him a holistic view of how the planning and design of our transportation systems affects our communities and quality of life.

Project experience

Chicago Metropolitan Agency for Planning (CMAP), Program Management and Oversight for Safe Streets for All (SS4A) Countywide Safety Action Plans (SAPs) in Northeastern Illinois, Chicago, IL. Program Manager.

Responsible for monitoring the scope, schedule, and budget for seven consultant contracts. The end result will include six actionable SAPs with historic safety analysis, predictive safety analysis, equity analysis, and identify a prioritized list of safety countermeasures that have been extensively coordinated with agency stakeholders and the general public. The SAPs will make IDOT, county DOTs, and local municipalities eligible to apply for future SS4A implementation funding. (2023–Present)

Cook County Department of Transportation and Highways, Traffic Engineering Services, Cook County, IL. Project Manager. Led on-call traffic services

to deliver 43 traffic engineering tasks, including over 24-miles of signage and pavement marking plans, traffic data collection at 33 locations, a speed study

on Schaumburg Road, and warrant analysis for seven intersections. The team completed policy and best practices research on issues such as traffic forecasting and driver distraction. The team also undertook special tasks related to intersection design for four intersections using HSIP funds and a comprehensive safety analysis for approximately 500-miles of County-jurisdiction roadways. [Prior to AECOM] (2020–2023)

Chicago Department of Transportation (CDOT), INVEST South/West Englewood (63rd Street/Halsted Street) Streetscape Corridor Improvements, Chicago, IL. Project Manager. Led the development of three

conceptual alternatives to support the Phase I and II design of 63rd Street from Loomis Boulevard to Wallace Street and Halsted Street from 59th Street to 66th Street. The 63rd Street alternatives included a minimal change option with bike and pedestrian improvements, a bus-bike lane option, and a separate bike lane option. The Halsted Street options included upgrading existing standard bike lanes to buffered bike lanes or creating new separate

bike lanes at street or sidewalk level. The project's goals involved improving multi-modal traffic safety, enhancing community identity and branding, and facilitating economic development. The scope included sidewalk reconstruction, roadway resurfacing, ADA ramps, lighting replacement for at least one block and a viaduct at Wallace Avenue, at least one modernized traffic signal, and streetscape and landscape improvements, plus a redesigned plaza just west of the historic US Bank building at 63rd Street and Halsted Street. The project scope also included 10 stakeholder engagement meetings. [Prior to AECOM] (2020-2023)

CDOT, Milwaukee Avenue/Logan Square Phase I and II, Chicago, IL.

Project Manager. Responsible for this major complete streets project and lead engineer for concept development, geometric design, and traffic analysis to support the design of a 1.3-mile segment of Milwaukee Avenue between Logan Boulevard and Belmont Avenue, including the roadways surrounding historic Logan Square. The scope included reevaluating a previous Phase I study from 2003 to incorporate more complete streets elements, coordinating with IDOT's Bureau of Local Roads and Streets (BLRS), and a once-in-a-generation opportunity to redesign Logan Square. The final design included two new public open spaces by realigning Kedzie Avenue adjacent to the CTA Blue Line terminal and Milwaukee Avenue around the outside of the Square. Big data was used to complete an origin-destination study identifying the major travel patterns through the Square and helped to inform the concept design. The design was coordinated extensively with a Project Study Group (PSG), local businesses, and the general public. [Prior to AECOM] (2017-2023)

CDOT, Traffic Engineering Services, Chicago, IL.

Project Manager (June 2019-May 2023) and Traffic Engineer (March 2006-March 2010). Evaluated traffic-related requests and provided written responses with technical analyses and recommendations. Requests involved creating multi-modal "complete streets," often focusing on pedestrian safety. Tasks involved over 160

studies involving crash and safety analysis while at CDOT. Other services included school-related traffic studies, signal warrant studies, stop sign warrant studies, the design of the sign and marking plans, and bicycle facility design. Also managed the citizen service requests for traffic studies generated through the city's 311 system. Additional duties involved providing support for other CDOT initiatives upon request, including the preliminary design of 43 separate pedestrian safety projects and the preliminary and final design of 24.4-miles of on-street bicycle facilities. [Prior to AECOM] (2006-2023)

Alta Planning + Design, CMAP, and DuPage County Division of Transportation, Elgin-O'Hare Bicycle and Pedestrian Plan, Cook and DuPage Counties, IL.

Subconsultant Project Manager. Responsible for a plan recommending a network of bicycle and pedestrian facilities in a 30-square-mile area of Chicago's northwest suburbs. Duties included estimating the feasibility and rough order of magnitude cost for 148 recommended bikeway segments and 66 intersection improvements included in the plan. The team also reviewed existing complete streets policies in the region, assisted with stakeholder outreach, and developed a scoring methodology to prioritize the plan's recommended bikeways quantitatively. The suggested scoring considered density, crash history, proximity to origins and destinations, network connectivity, and social equity factors. [Prior to AECOM] (2016-2017)

CDOT, Chicago Streets for Cycling I (Phase I and II), Chicago, IL.

Project Manager. Responsible for the design of 6-miles of protected bike lanes, 28.4-miles of buffered bike lanes, and 7.5-miles of road diets, with 29.2-miles installed. The project required creative complete streets design solutions to balance the needs of bicyclists, pedestrians, motor vehicle traffic, transit, and on-street parking for residents and businesses. Opportunities to enhance pedestrian safety were included through the installation of refuge medians, curb extensions, high-visibility crosswalks, and signage improvements. The

team helped to facilitate coordination with Aldermen and local businesses and held two public meetings for a controversial project on Milwaukee Avenue from Lawrence to Elston. Responsibilities also included the development of a quantitative methodology for prioritizing CDOT's future bikeway investments that incorporated considerations of density, proximity to origins and destinations, network connectivity, crash history, and social equity. Several corridors were also targeted as high-priority bikeways on the far south and west sides of the city. [Prior to AECOM] (2013-2017)

Illinois Department of Transportation, 75th Street Corridor Improvement Project (CIP) for the Chicago Region Environmental and Transportation Efficiency (CREATE) Program, Chicago, IL.

Deputy Environmental Lead. Wrote several key pieces of the environmental impact statement (EIS), including the purpose and need, alternatives analysis, transportation impacts, park impacts, and visual resources impacts to support the CREATE Program, a first-of-its-kind partnership between the USDOT, the State of Illinois, City of Chicago, Metra, Amtrak, and the nation's freight railroads. The 75th Street CIP is the most critical and complex project in the CREATE Program with an estimated cost of over \$1B. Additional responsibilities included facilitating coordination with the stakeholders (e.g., FHWA, IDOT, CDOT, Metra, freight railroads, the program manager, elected officials, and local community groups), completing three Environmental Survey Requests and addenda, developing graphics templates in ArcGIS, and assisted with the extensive public outreach process to elected officials, two Community Advisory Groups, and the general public. [Prior to AECOM] (2010-2014)



Michelle Inouye, PLA, LEED AP, BD+C

Urban Design/Land Use Planning Lead
AECOM

With 28 years of significant public and private experience, Michelle collaborates on long-range planning studies for major public initiatives and leads multi-disciplinary teams to solve and articulate complex design problems. Michelle guides the creation of plans, specifications and estimates, coordinating with agencies to streamline project execution. Michelle also leads presentations, meetings and workshops to facilitate the public process and transitions strategic development plans through funding and implementation stages. She works closely with her clients to understand their development issues and then implement diverse solutions in response to specific programs.

Education

BLA, University of Illinois, Urbana-Champaign, 1992

Years of experience

28

Registrations

Registered Landscape Architect, IL, IN, WI, MN
Council of Landscape Architectural Registration Boards (CLARB) certified
LEED® Accredited Professional, BD+C
Envision Sustainability Professional (ENV SP)

Affiliations

University of Illinois at Urbana-Champaign – Visiting Instructor, Site Design Studio
University of Illinois at Urbana-Champaign – Resource Committee Member
American Society of Landscape Architects

Project experience

Chicago Department of Transportation (CDOT), South Branch Implementation Plan, Chicago, IL.

Project Manager. Responsible for planning, design, and technical evaluation of feasible recommendations for short-, medium-, and long-term capital improvements along a 2-mile stretch of the east bank of the South Branch. The implementation plan synthesized the efforts of urban designers, landscape architects and engineers to most effectively consider past, recent, and proposed plans; incorporated existing and emerging design concepts; developed cost estimates and priority zones; and coordinated with stakeholders. The process included an exhaustive “toolbox” of potential solutions, each assessed for engineering/regulatory feasibility with potential application at other locations along the River. The end product was an executable plan for a continuous riverfront trail and dynamic public space opportunities supported by public and private efforts. (2017–2019)

Cook County Department of Transportation and Highways (CCDOH), Chicago Pedway Renovation, Chicago, IL.

Project Manager. Evaluated existing conditions and opportunities of the main spine of the five-mile underground pedway system in downtown. The study looked to increase use, enhance universal design features, and generate greater economic value for County-owned assets. Concept designs integrated results from the economic development and pedestrian traffic studies which were included in this project. (2018–2019)

Chicago Department of Planning and Development (CDPD), Kinzie Industrial Corridor (Fulton Market Innovation District) Infrastructure Plan, Chicago, IL.

Project Manager. Responsible for working with the City to determine potential infrastructure and street character impacts related to current plan proposals and future development scenarios for this rapidly changing district west of the Downtown Loop area. The project integrated planning, urban design, economics and engineering inputs to prioritize specific actions and improvements that would mitigate these impacts. The final report included

maps, diagrams, building massings, development projections and a robust database of existing, planned, and proposed infrastructure investments. Infrastructure improvements were focused on the public realm and street character with specific projects identified that can be tied to various funding sources. (2019-2020)

Chicago Park District, Lakefront Trail Separation,

Chicago, IL. Design Manager. Responsible for trail planning and needs assessment to separate pedestrians from commuter bike traffic along the City's congested lakefront. Construction documents were prepared for contiguous segments and coordinated with ongoing design projects along this 18-mile length of regional park space. (2017-2019)

CDPD, Resilient Corridors Project, Chicago, IL. Project

Manager. Responsible for planning, design, construction documents development, and permitting of stormwater landscapes on City-owned vacant parcels. Community stewards along three City corridors were engaged in discussion to determine passive and active spaces which captured and stored stormwater to mitigate flooding and enhance social liveability. Green infrastructure strategies were monitored for effectiveness and other co-benefits were also tracked using smart technologies. Project construction included workforce development opportunities and community members provide long-term maintenance. (2017-2018)

Metropolitan Mayors Caucus (MMC), Greenest Region Compact Sustainability Network, Chicago,

IL. Collaborated with MMC to help the 273 member communities in the Chicago region convert their sustainability initiatives into implemented projects. Research and design included comprehensive programs and targeted technical assistance to effectively leverage and coordinate available resources. This work involved addressing municipal-specific barriers to implementing a variety of sustainability projects including large scale green infrastructure, distributed solar, deep energy

efficiency retrofits, green fleet and fueling infrastructure, and smart streetlight upgrades. (2016)

Chicago Park District, Humboldt Park Swimming

Beach, Chicago, IL. Landscape Architect. Responsible for a naturalized swimming area within a surrounding lagoon system. The existing pond water had been artificially sourced from municipal drinking water. AECOM studied site features, geology, and disturbed aspects of the pond to understand water retention and loss, and water quality degradation aspects of the existing pond base. Vegetative buffers provided stormwater runoff treatment and increased plant diversity in this regional park. (2015-2016)

Metropolitan Water Reclamation District of Greater

Chicago, Heritage Park, Wheeling, IL. Project Lead for landscape architecture services. The stormwater side of the project provided compensatory storage for the Corps of Engineers and the Illinois Department of Natural Resources on the Des Plaines River on property owned primarily by the Wheeling Park District. As part of the Intergovernmental Agreement to complement land use, major site and recreational improvements to the park include a four-plex of ballfields, soccer fields, wetland and naturalized enhancements, a bandshell with viewing amphitheater and an expansive path system including boardwalk and bridge crossings. (2009-2016)

CDOT, Loop Link, Chicago, IL. Urban Design Lead.

Responsible for the final design to reconfigure five corridors through the heart of the downtown Chicago central business district incorporating bus rapid transit (BRT) and protected bicycle facility infrastructure, introducing transformative change to the transportation system and establishing a balance of Complete Streets between roadway users. Responsible for leading the development of design concepts for station/platform architecture and urban design/sustainability concepts for consideration within the public way. (2013-2015)

Chicago Park District, North Avenue Beach Planning

Study, Chicago, IL. Project Manager. Responsible for a planning study at North Avenue Beach, a premier destination located along Chicago's Lakefront. The entirety of North Avenue Beach is well-known for conflicts between beach-goers, cyclists, pedestrians, and drivers, and although its amenities do generate revenue, this function is not fully optimized leaving prime opportunities untapped. The plan reviewed the current conditions at the site, including revenue-generating activities, to propose strategies which would not only relieve circulation conflicts but also enhance all elements within the park. Such strategies refreshed the identity of North Avenue Beach, excite visitors by the diverse array of recreation, dining and shopping experiences, and spur higher revenues. (2014)

Public Building Commission of Chicago, 31st Street

Harbor, Chicago, IL. Project Manager. Responsible for overseeing design, construction documents, permitting, and construction observation for a new Chicago Park District harbor. The marina scope included a half-mile-long open coast stone breakwater designed to shelter the new harbor marina, as well as 1,000 new boat slips, an accessible fishing pier, on-site covered winter boat storage, a fuel dock, a marina store, dedicated shower facilities, and a public access boat launch ramp. A new 3/4-acre green space was created using on-site fill on a peninsula of land formed by the breakwater. The landside development included a harbor services building with a 63,000-SF accessible green roof, replete with sculptural shade structures and a great lawn. A new accessible play area that connects the green roof area to the existing beach replaces a smaller, outdated playground. A grade-separated trail underpass improved pedestrian, bike and vehicular circulation, crucial to park accessibility. The development embraces environmental, social and economic sustainability, and received LEED Gold Certification. (2014-2017)

Pamela Blazo, PE, RSP2I

Safety Lead
AECOM



Pam is a distinguished Senior Traffic Safety Engineer renowned for her expertise in traffic safety and operations. With over 20 years of dedicated service in the field, Pam has solidified her reputation as a leader in her profession, consistently delivering impactful solutions and strategies to enhance road safety.

Project experience

Safety Action Plan, St. Joseph County, MI. Project Manager and Safety Analysis Lead. Responsible for a comprehensive safety action plan covering St. Joseph County. A High-Injury Network and safety baseline will be established analyzing historical crash data while a High-Risk Network will be identified through a predictive safety analysis following Highway Safety Manual methodology. The plan will include an implementation plan identifying a pipeline of prioritized projects and potential funding sources. (Ongoing)

Minnesota Department of Transportation, Wrong Way Driving Study, Metro District, MN. Creation of a wrong-way driver detection, implementation, and crash prevention plan to recommend safety countermeasures that can lead to a reduction of fatal and serious injury crashes on State owned roadways that are the result of wrong way drivers entering state-owned roadways.

Task Lead for crash data evaluation, proposed countermeasures, and risk rating methodology. Based on potential crash prevention and other quantifiable benefits, recommendation will be made of how large the system deployment could be while maintaining a positive benefit/cost ratio (B/C) greater than 1.0 (or the actual B/C ratio if full system provides a ratio above 1.0). (Ongoing)

Education

BS, Civil Engineering, Michigan State University, 2004

Years of experience

22

Registrations

Professional Engineer, MI #6201055769
Road Safety Professional 2 (RSP2I), #171

City of Lansing, Safety Action Plan, Lansing, MI. Safety Lead for the creation of a citywide safety action plan and Safe Routes to School plan informed by 10 years of historical crash data identifying trends in contributing factors. Completion of road safety audits for priority locations and completion of a walkability analysis around transit stops. (Ongoing)

Michigan Department of Transportation (MDOT),

As-Needed Road Safety Audits, MI. Road Safety Audits (RSA) Facilitator for various RSAs across the state of Michigan. Conducted kickoff and findings meeting with the client, completed a field review to identify safety concerns and risks, and prepared a formal RSA report detailing recommended countermeasures. Performed a project level safety analysis to supplement findings by providing quantifiable impacts associated with implementation of the suggested countermeasures. (Ongoing)

Macatawa Area Coordinating Council (MACC), Safety

Action Plan, MI. Project Manager for the creation a comprehensive Safety Action Plan that will provide a roadmap for the efficient and effective implementation of safety projects throughout the region. Completion of historical and predictive crash analyses, multi-modal safety analysis, counter-measure toolkit, prioritized list of safety projects and strategies, and calculation of benefit-cost ratios for priority projects. (Ongoing)

City of Grand Rapids, Lyon Street and Fountain Street Two-Way Conversion Study, Grand Rapids, MI.

Comprehensive traffic operational analysis for the conversion of Lyon Street and Fountain Street from one-way operation to two-way operation between Division Avenue and Diamond Avenue in the City of Grand Rapids. AECOM completed Synchro modeling, traffic operations analysis, historical and predictive safety review, conceptual geometric modifications, project cost estimates, and public engagement. (2024)

MDOT Grand Region, US-131/I-96 Corridor PEL Study, MI.

February 2024. Completed a predictive safety analysis using ISATe to compare a No Build and three build alternatives along US-131 between M-11 and Market Avenue. (2024)

MDOT, US-31 Grand Haven Study, Grand Haven, MI.

Duties involved a Highway Safety Manual predictive safety analysis of three alternatives in addition to a historical crash data Crash Probability Index (CPI) analysis for six signalized intersections along the corridor. Calculated crash frequency as part of the CPI analysis, including crash rate and crash severity ratios, to determine intersections that exceeded expected crashes. Also provided recommended countermeasures using crash modification factors (CMF) to address observed crash patterns. (2023)

Cavnue, LLC, Cavnue MI Consult Agreement Tasks 1,

2, Wayne County, MI. Completed a safety analysis of the proposed pilot CAV Lane that will serve as a live testing ground for partners to evaluate roadway and technology improvements related to connected and automated vehicles. Analysis included a predictive safety analysis using Part C of the Highway Safety Manual comparing the proposed lane geometrics with state standards. (2023)

MDOT, Local Agency Programs – Safety Engineer, MI.

Safety Analysis. Reviewed crash reports for relevant crash reduction factors for all local agency safety applications (approximately 100 per year) submitted for federal Highway Safety Improvement Program (HSIP) funding. Conducted economic cost benefit analyses for all applications using the MDOT Time-of-Return form or using Highway Safety Manual analysis. [Prior to AECOM] (2015-2022)

Stan Wang, PE

Traffic Engineer
AECOM



Stan is an accomplished traffic engineer known for developing solutions for congested urban corridors. As Lead Traffic Engineer for the recently completed Jane Byrne Interchange and Project Manager of CDOT's Loop Link, he has helped bring transformative change to the transportation systems of downtown Chicago. Stan has worked with CDOT and Chicago neighborhoods to address mobility and traffic safety on projects like the Milwaukee Avenue corridor, Lincoln/Belmont/Ashland Streetscape, Western Avenue Viaduct at Belmont Avenue, and the Division Street corridor, among others. He has also served as the Lead Traffic Engineer providing consultation to the IDOT District 1 Geometric Engineer for over a decade.

Education

MS, Civil Engineering, University of Illinois - Urbana-Champaign, 1999
BS, Civil Engineering, University of Illinois - Urbana-Champaign, 1998

Years of experience

23

Registrations

Professional Engineer, IL, #062056371
Professional Traffic Operations Engineer

Affiliations

American Council of Engineering Companies
Institute of Transportation Engineers

Project experience

Illinois Department of Transportation (IDOT),

Geometrics Program Management, Chicago, IL.

Lead Traffic Engineer providing on-call support to the District 1 geometrics engineer for special studies, traffic analysis, technical review, and general consultation. The work includes overseeing the preparation of feasibility assessments, programming studies, traffic analyses, and the development of traffic microsimulation models for unique solutions to expressway and arterial challenges in the Chicago Metropolitan area. (2010 -Ongoing)

Chicago Department of Transportation (CDOT), West Loop Train Terminal Area Comprehensive Traffic Framework Plan, Chicago, IL.

Project Principal for the development and feasibility assessment of Complete Street solutions to West Loop corridors including Des Plaines, Jefferson, and Canal Streets to address traffic safety and mobility for all modes of travel. Improvements for Canal Street were incorporated into the surface configuration for the final design of concurrent viaduct improvement projects and focused on addressing the impact of new developments and providing better access

to Union Station for CTA buses, private shuttles, taxis and rideshare. (2019-2022)

CDOT, Riverfront Trail: South Branch Implementation

Plan, Chicago, IL. Project Director that oversaw the preparation of an implementation plan identifying and evaluating feasible recommendations for connecting the Chicago Riverwalk to Ping Tom Park along the east bank of the South Branch of the Chicago River. (2019-2020)

CDOT, 31st Street Viaduct Reconstruction, Chicago, IL.

Project Manager responsible for Phase I preliminary engineering (Group II categorical exclusion) and Phase II final design for replacement of a historic 4-span, steel structure carrying 31st Street vehicle and pedestrian traffic over four Metra and two Canadian National Railway (Illinois Central) railroad tracks. (2018-2020)

CDOT, Fulton-Randolph Traffic and Curbside Use

Study, Chicago, IL. Project Manager of a planning study to evaluate the transportation system of the Fulton Market District and develop short- and long-term improvement recommendations to meet existing and emerging needs. The study includes the collection,

reduction and evaluation of traffic, on-street parking and loading occupancy data; traffic capacity analysis; an extensive stakeholder outreach program; a complete analysis of crash history with recommendations on safety countermeasures; compilation of traffic impact studies; observation and study of parking and loading behavior; and traffic signal warrant analyses. (2015-2016)

CDOT, Loop Link, Chicago, IL. Project Manager for the final design to reconfigure five corridors through the heart of the downtown Chicago central business district to incorporate bus rapid transit (BRT) and protected bicycle facility infrastructure, introducing transformative change to the transportation system and establishing a balance of complete streets between roadway users. This effort included the implementation of dedicated bus lanes on Washington, Madison, Canal, and Clinton Streets; construction of in-street elevated bus platforms with architecturally-significant canopies and lighting features, digital bus-tracker displays, wayfinding pylons, system brand identifiers, and surveillance cameras; a pavement snowmelt system; construction of sidewalk bumpouts and refuge islands for pedestrians; and the establishment of a new downtown protected bicycle lane system consisting of one-way routes on Randolph and Washington Streets and a two-way facility on Clinton Street. The work consisted of the preparation of construction plans, specifications, and engineer's estimate; reconfiguration of roadway geometrics and lane assignments; coordination of utility relocations; architectural, electrical, and structural design of the in-street BRT platforms; structural assessment of existing vaulted sidewalk spaces; analysis and optimization of over 40 signalized intersections within the downtown street network; and design of bus queue jump and bicycle-specific signal installations. (2012-2015)

IDOT, Jane Byrne Interchange Phase I, Chicago, IL. Lead Traffic Engineer on this fast-tracked project intended to improve one of the worst traffic bottlenecks in the country that affects over 400,000 vehicles daily. Responsible for conducting the traffic assessment providing the primary justification of the need for this

project and assisting in the development of geometric design alternatives. Work included managing the collection and processing of necessary data including an aerial reconnaissance origin-destination study; the development of VISSIM traffic microsimulation models to study operations on I-90/94 and I-290 between the I-55 Interchange to the Ohio Street Interchange; and the interpretation and presentation of modeled results for public consumption. (2012-2014)

CDOT, Milwaukee Avenue Section 3, Chicago, IL. Project Manager for the final design and preparation of construction plans, specifications and engineer's opinion of cost for roadway improvements to one mile of Milwaukee Avenue between Kilpatrick Avenue and Addison Street, including viaduct clearance improvements beneath Metra and Union Pacific rail bridges. Improvements included full-depth pavement reconstruction, roadway safety features, new sidewalk, trunk sewer, water main, traffic signals, and ornamental street lighting. (2009-2010)

Chicago Transit Authority (CTA), Jeffery Jump BRT Pilot, Chicago, IL. Lead Engineer for the preliminary engineering of a pilot project to implement the first BRT-style service on the Jeffery Boulevard Corridor leading to the Chicago Loop. Project components included part-time dedicated bus lanes, highlighted bus stations, traffic signal upgrades, and transit signal priority (TSP) equipment. (2009-2010)

CDOT, Wells Street Bascule Bridge Rehabilitation, Chicago, IL. Project Civil Engineer responsible for the development of a Phase I Project Development Report (Group I categorical exclusion) for one of the most complex, doubleleaf, trunnion style, double-deck bascule bridges in the city involving a critical link across the Chicago River into the Downtown Loop area for cars and the Chicago Transit Authority's Brown and Purple elevated train lines. Also responsible during Phase II for the development of detour routes and maintenance of traffic plans for the short term closure of the bridge. (2008-2010)

CDOT, Division Street Bascule Bridges, Chicago, IL. Traffic Engineer responsible for overseeing the traffic analysis and preparation of five intersection design studies for Division Street across Goose Island between Elston Avenue and Larrabee Street. (2008-2010)

CDOT, Western Avenue Viaduct over Belmont Avenue Phase I, Chicago, IL. Traffic Engineer responsible for overseeing the traffic analysis and preparation of five intersection design studies for Western Avenue from Schubert Avenue to Addison Street, including two complex intersections: one six-legged at Elston/Fullerton, and one proposed five-legged at Clybourn/Belmont. (2008-2009)

CDOT, Milwaukee Avenue Section 2 – Six Corners Improvements, Chicago, IL. Project Manager for design of \$20M in streetscape and infrastructure improvements on 16 blocks of arterial and collector roadways centered around the Six Corners intersection (Milwaukee Avenue, Cicero Avenue/IL Route 50, and Irving Park Road/IL Route 19). Improvements included architectural hardscape and landscape elements intended to spur commercial reinvestment into the neighborhood and new sidewalk, pavement, sewers, water mains, traffic signals, and ornamental street lighting. (2006-2007)

CDOT, Lincoln/Belmont/Ashland Streetscape – Section 1, Chicago, IL. Project Manager and Engineer of Record for concept design of streetscape and infrastructure improvements to 12 blocks of arterial and collector roadways (Lincoln, Ashland, and Belmont Avenues) and final design of four blocks including preparation of construction plans, specifications, and engineer's opinion of cost. (2005-2006)

CDOT, Cherry Avenue Bridge over North Branch Canal Superstructure Rehabilitation, Chicago, IL. Project Civil Engineer for the Phase II design to repurpose a historic railroad truss bridge into a bicycle and pedestrian facility. (2004-2006)

Dipal Vimawala, PE, SE

Quality Engineer
AECOM



Dipal has extensive experience in project management, structural analysis and design and in quality control reviews. His experience includes grade separations, highway and railway structures, traditional design-bid-build and design-build projects involving major interchanges, moveable bridges, transit facilities and industrial facilities. Dipal also has practical experience with constructibility reviews and construction management. As manager of the Bridge Design group for the west region of AECOM, Dipal's primary responsibilities include project coordination within various offices, leading technical activities, staff supervision and training, coordination between various design disciplines, and supervision of contract documents preparation.

Education

MS, Structural Engineering, University of Wisconsin at Madison, 1993
BS, Civil Engineering, South Gujarat University (now Veer Narmad South Gujarat University), 1990

Years of experience

30

Registrations

Professional Engineer, IL #062056368
Structural Engineer, IL #081005766
NCEES Certificate

Affiliations

American Society of Civil Engineers, Past Chair for Structural Group
American Railway Engineering and Maintenance-of-Way Association, Active Member of Steel Subcommittee
American Council of Engineering Companies of Illinois, Active Member of Bridge Subcommittee

Project experience

Illinois Department of Transportation (IDOT), Jane

Byrne Interchange Project, Chicago, IL. Lead Bridge Engineer for the redesign of one of the most congested interchanges in the entire nation. The project is located in downtown Chicago at the intersection of Kennedy/Dan Ryan Expressways (I-90/94) and Eisenhower Expressway (I-290). The improvements include reconfiguration of the interchange geometry and removal and replacement of eight fly-over curved ramp bridges and 14 mainline bridges over these expressway corridors. AECOM is the prime consultant for Phase I and II engineering, which include final construction documents. The project requires significant coordination with several agencies. Project schedule is extremely aggressive with multiple construction contracts. Responsibilities include significant coordination with client and other local authorities, establishing design standards and criteria for bridge design, and maintaining effective communication with design teams to ensure seamless production work. (2013-2019)

Chicago Department of Transportation (CDOT),

Division Street Bascule Bridges, Chicago, IL. Structural Advisor responsible for the Phase I engineering, preparation of the Type, Size and Location (TS&L) plans for Division Street bridges across Goose Island between Elston Avenue and Cleveland Avenue. The project included the structural inspection of the two existing historic bascule bridges, preparation of the project development report, development of bridge condition reports, TS&L preparation, Section 106 documentation of adverse effect, which includes the recommendation for the removal and replacement of the existing structures, and a feasibility study for the relocation of one of the bridges to Blackhawk Boulevard located just north of Division Street. The Phase I engineering also included construction staging alternatives for temporary run-around structures, design considerations incorporating a future bike path and riverwalk within the substructure, and coordination with adjacent business owners, FHWA, IDOT, the US Coast Guard and the U.S. Army Corps of Engineers. Several innovative signature bridge concepts were evaluated, including a cable-stayed structure and tied-arch at the North Branch of the Chicago River and a

thrust arch structure at the North Branch Canal. Design included preparation of preliminary plans and engineering calculations for the main components of the arch bridges. Work also included schematic design of the lifting mechanism for jacking of the tied arch bridges, 20-foot vertically, to allow navigation below the arch bridge. (2012-2019)

CDOT, 41st Street Pedestrian Bridge, Chicago, IL.

Technical Advisor and Principal-in-Charge for the design phase of the proposed bridge structure, a double-curved steel tube arch (240-foot span) to form a large, graceful S-curve. The bridge curves both horizontally and vertically and spans over multiple lanes of Lake Shore Drive and six active railroad tracks. Significant length of approach structures, supported by a single steel tube, at both ends of the main span provides access to pedestrians, including compliance with ADA. The deck consists of twin steel tubes, spaced 20-feet apart, creating truss in the plan view and supported by cables from the steel arch. Responsible for overseeing the concept and development of the bridge design including bridge type, cross sections, and span arrangements; design methodologies; vibration analysis; constructibility reviews; and staging. Also responsible for coordination with the client and providing appropriate staff resources. (2013-2018)

IDOT, I-55 and Lake Shore Drive Interchange Project, Chicago, IL.

Senior Bridge Engineer for the redesign of this complex interchange project located at the intersection of Stevenson Expressway (I-55) and Lake Shore Drive (US 41) just south of downtown Chicago. Responsible for Phase II engineering which included preparation of final contract documents for six major bridges, including 4 long span curved fly over ramps spanning over expressways and railroads. Staging was one of the key elements of the design as four out of six structures needed to be replaced in stages in order to maintain traffic during construction. Responsibilities included significant coordination, establishing design standards and criteria for bridge design, and maintaining

effective communication with design teams to ensure seamless production work. Provided significant contribution in refining scope from the earlier study to achieve comprehensive and long term improvement goals. (2009-2017)

CDOT, Western Avenue Viaduct over Belmont Avenue Phase I and II, Chicago, IL.

Engineer of Record for Phase I and II design for the removal of the existing 11-span Western Avenue viaduct and reconstruction of approximately 1.25-miles of Western Avenue from Logan Boulevard to Addison Street. Through the development of an in-depth alternatives analysis valuation planning study and an extensive public involvement process, the preferred alternate was selected which involved the removal of the existing viaduct, reconstruction of a five-leg at-grade intersection, and corridor improvements. The corridor improvement alternate satisfied each of the project's primary objectives by improving traffic flow, improving vehicular and pedestrian safety, and enhancing the overall environment along Western Avenue. Construction staging for the high volume corridor included the reconstruction of five and six-leg intersections and coordination with local businesses along this commercial corridor which was essential in the success of the project. (2013-2016)

CDOT, Wells Street Bascule Bridge Rehabilitation, Chicago, IL.

Project Manager and Lead Structural Engineer for one of the most complex, double-leaf, trunion style, double-deck bascule bridges in the City. The project included inspection of the bridge, preparation of bridge condition report, development of Phase I engineering report, and preparation of final construction documents and specifications as part of Phase II engineering. The project included significant coordination with other agencies including Chicago Transit Authority. Developed innovation staging schemes to rehabilitate/replace trusses during the available windows of transit shut downs. During inspection it was discovered that some of the critical structural elements were in significantly poor

condition. Developed plans to repair these elements under an extremely tight schedule. The Wells Street bascule bridge carries highway at the lower deck level and CTA transit system on the upper deck. Project also included design of new dolphin along with retrofitting of existing dolphins to protect bridge piers from impacts. The existing bridge abutments were also included new fender systems to distribute impact loads. (2006-2012)

IDOT, Central Bridge Office, Bridge Recovery Program, Springfield, IL.

Project Manager for the program created to protect the traveling public and the highway bridge infrastructure investments. Worked closely with the IDOT Central Bridge Office and a select team of consultants and contractors in preparing the Bridge Recovery Program Manual and response action plans for select bridges identified in the program. Responsibilities included providing prompt response during emergency situations and coordinating all activities with local agencies. (2005-2010)



Brian Smith, CWB, PWS

Environmental Lead
AECOM

Brian brings over 40 years of experience in Phase I planning, public involvement, agency coordination, environmental assessments, and impact statements. He has prepared EAs and EISs, technical reports, and mitigation plans for local, state, and federal agency projects, as well as for private industry and non-profit organizations. Additionally, Brian has extensive qualifications in ecology, wetland identification, evaluation, mapping, and mitigation design.

Project experience

Illinois State Toll Highway Authority (ISTHA), I-294 Central Tri-State, Cook and DuPage Counties, IL. Environmental Lead in charge of delivering environmental commitments for the I-294 Phase I master plan. Successfully coordinated the Individual Section 404 and Coast Guard Permit applications. Primary concerns were traffic noise impacts, special waste and material characterization aesthetics, conservation measures, public involvement, and wetland mitigation approvals. (2019-2024)

McHenry County Division of Transportation, Deerpass Road Over the Kishwaukee River, Phase I and II Engineering Study, McHenry County, IL. Environmental Lead for the Phase I and II studies and design for the replacement of two aging bridges over the Kishwaukee River and combining them into one larger structure. This project involved wetland delineations, Individual Take Authorizations for endangered species, advanced identification of disposal areas (ADID) wetland concerns, coordination with resource agencies, permitting and IDOT Bureau of Local Roads and Streets (BLRS). (2012-2019)

Education

MS, Geography and Planning, South Dakota State University, 1988
BS, Wildlife and Fisheries Sciences, South Dakota State University, 1983

Years of experience

41

Registrations

Professional Wetland Scientist, #952
Certified Wildlife Biologist
NEPA and the Transportation Decision Making Process NHI #142005
Context Sensitive Design

Affiliations

Society of Wetland Scientists
The Wildlife Society

Illinois Department of Transportation (IDOT), District 1 and City of Wood Dale, IL Route 19/Wood Dale Road/Railroad Intersection Grade Separation and Realignment Phase I Study, Wood Dale, IL.

Environmental Lead for the EA of a grade separation study of Wood Dale Road (County Highway 28) and/or IL Route 19 (Irving Park Road) with the Metra/Canadian Pacific Railroad (CPRR). Wood Dale Road and IL Route 19 each consist of four lanes, two through traffic lanes in each direction. The CPRR is a double-track railroad for freight and commuter traffic. The purpose of the proposed action was to provide an improved and safe transportation system improvement to serve and enhance existing developed land uses in and around the downtown business area of Wood Dale. Study issues included a comprehensive Illinois Association of Environmental Professionals between Huntley and Woodstock. The public involvement program including WTS project was a pilot to IDOT's context sensitive solutions (CSS) process. As such, a comprehensive public and stakeholder involvement process was developed. The CSS process was used to drive the roadway alternative development process as well as gain local knowledge and desires for the improvement. Numerous potential environmental issues were involved including endangered species, water quality, high quality wetlands, floodplains, agriculture, land use changes, and public involvement. The NEPA/Section

404 merger process with the federal agencies was used to document and approve the purpose and need, alternatives considered, and the preferred alternative. The EA was approved in October of 2014; the Finding of No Significant Impact extensive stakeholder involvement, potential cultural resources, high potential displacements and community impacts. The EA was approved in May of 2010; the FONSI was approved in March of 2012. (2008-2013)

McHenry County Division of Transportation,

Kishwaukee Valley Road Bridge Replacement,

McHenry County, IL. Environmental Lead for the Phase I and II studies and design for the replacement of an aging bridge over the North Branch of the Kishwaukee River. Work involved wetland delineations, Individual Take Authorizations for the endangered lowa darter, ADID wetland concerns, coordination with resource agencies, permitting and IDOT BLRS. (2008-2011)

IDOT, District 1, IL Route 47 Phase I Study, McHenry

County, Illinois. Environmental Lead for the preliminary engineering and Environmental Assessment for the improvements to eight miles of 2-lane roadway in a rapidly developing rural corridor between Huntley and Woodstock. The project was a pilot to IDOT's context sensitive solutions (CSS) process. As such, a comprehensive public and stakeholder involvement process was developed. The CSS process was used to drive the roadway alternative development process as well as gain local knowledge and desires for the improvement. Numerous potential environmental issues were involved including endangered species, water quality, high quality wetlands, floodplains, agriculture, land use changes, and public involvement. The NEPA/Section 404 merger process with the federal agencies was used to document and approve the purpose and need, alternatives considered, and the preferred alternative. (2007-2017)

ISTHA and IDOT, I-355/FAP 340 South Extension, Will County, IL.

Environmental Lead in charge of delivering environmental commitments for the FAP 340 EIS (which he also participated on). Prepared and coordinated the individual Section 404 and Coast Guard Permit applications. Monthly coordination took place with the FHWA, USACE, USFWS, IDNR, IEPA, and other local agencies. Primary concerns were endangered species surveys, conservation measures to protect those species, successfully acquiring Incidental Take Authorizations, and wetland mitigation. Formal consultation under Section 7 of the Endangered Species Act was completed with a biological opinion, resulting in Section 404 permit issuance; species of concern were the Hines emerald dragonfly, the Blanding's turtle and the Indiana Bat. The roadway was opened for traffic in late 2007, and the continued coordination and guidance of Hines emerald dragonfly and Blanding's turtle conservation efforts, was required. Of note, Hine's emerald dragonfly breeding habitat has been constructed on an experimental basis. The groundbreaking effort was the first of its kind and results are promising. Adult dragonflies were been documented in these new areas and larval populations have increased; ongoing research will determine the breeding habitat capabilities of the created habitats. Studies continued through 2015, with over 100 agency meetings have been chaired, where adaptive habitat management and species surveys have been guided. (2003-2015)

IDOT, District 1, Various Phase I Projects, Program

Management, Various Locations, IL. Project Manager and Lead Scientist for as-needed Phase I environmental services for IDOT District 1. As Project Manager and Environmental Lead reporting to the Environmental Unit, this project provided support in securing environmental clearances for in-house projects, Incidental Take Authorizations for threatened and endangered species, analysis or review of air, traffic noise, biological, cultural, wetland, Section 4(f) and 106 documentation (one-room schoolhouse), water quality, special waste coordination, and regulatory agency coordination. (2000-2015)

IDOT, District 7, IL Route 15 Wabash River Crossing Phase I Study, Mount Carmel, Wabash County, IL.

Environmental Lead for the complex EA prepared for the replacement of an existing bridge crossing over the Wabash River. Duties included day-to-day environmental coordination and writing with engineers, agencies, and District 7. Special concerns were wetland impacts, avoidance of endangered species habitat, a listed natural areas inventory site, displacements, social impacts to communities within two states, and public involvement. Studies included wetland impact assessments, wetland quality assessments, avoidance alternatives, and mitigation. The NEPA/404 Merger process was used to gain concurrence on the purpose and need and up through the Preferred Alternative, as well as the Section 404 Permit. (1995-1998)

DuPage County Division of Transportation and

IDOT, District 1, IL Route 64 Reconstruction,

Location Design and Environmental Class of Action Determination (ECAD) Report, West Chicago and St. Charles, IL. Environmental Lead for the ECAD for the widening of 3-miles of IL Route 64 from two to four lanes. Concerns were wetland impacts, public lands involvements, public involvement, and coordination with local economic concerns. (1994-1998)



Keith Spencer

Public Involvement Lead

RM Chin

Keith has over a decade of experience in communications, stakeholder engagement, and public involvement, working with both public and private sector transportation clients. As a consultant, Keith has developed and led public involvement and strategic communication plans for major transportation projects, including the Illinois High-Speed Rail Program and the CTA Red Line Extension. He has significant experience with the Illinois Department of Transportation, where he worked in outreach and marketing for passenger rail and transit operations. Keith currently oversees strategic direction and client relationship management for public involvement in the CREATE Program, ensuring effective engagement with stakeholders and compliance of subconsultants. His expertise includes orchestrating outreach activities, refining messaging, and managing collaboration between various public and private sector stakeholders. In addition to his time in consulting, Keith worked for the Illinois Department of Transportation in the Office of Intermodal Project Implementation in rail and public transit.

Education

PhD, Public Administration (in progress),
University of Illinois
Master of Public Administration

Years of experience

18

Project experience

Illinois Department of Transportation (IDOT),

Chicago Region Environmental and Transportation

Efficiency (CREATE) Program, Northeastern, IL.

Oversees strategic direction and client relationship management related to public involvement for the CREATE Program. Provides oversight and compliance of subconsultants who provide public engagement, elected official coordination, media outreach, and targeted stakeholder engagement for CREATE-specific projects. (2021-Present)

IDOT, 75th Street Corridor Improvement Project,

Chicago, IL. Directs outreach and communications for the largest CREATE Program project through Phase II design and Phase III construction. This strategic oversight includes public engagement, elected official coordination, construction communications, education commitment

implementation, and community mobility improvements. (2021-Present)

Cook County Program Support, Cook County, IL.

Currently directs communications and programming assistance to Cook County to incorporate the Long-Range Transportation Plan recommendations into their planning and programming processes. Includes strategic guidance on project communications and elected official coordination, as necessary. (2019-Present)

Chicago Transit Authority (CTA), Red Line Extension Project, Chicago, IL.

Orchestrates outreach activities with stakeholders, updating residents, community organizations and civic groups on the latest information about the rail project as part of the program management team. Refines messaging and develops materials that enable agency leaders and elected officials to clearly articulate the project messages. Project continues CTA's

efforts to extend the Red Line from the existing terminal at 95th/Dan Ryan to 130th Street in Chicago. (2021-Present)

Burnham Multimodal Connector Phase I Study, Cook

County, IL. Oversees the stakeholder engagement efforts for this Phase I study. Responsible for conducting stakeholder outreach and facilitating opportunities for community input and education. This study required effective communication and coordination with stakeholders of various priorities, such as the need to provide a much-needed safety solution for local pedestrians and bicyclists while also abiding by the restrictions and concerns of the local railroads and utilities. (2021)

IDOT, Construction Corridor Management - Illinois

39 Reconstruction, Winnebago County, IL. Provides strategic oversight of outreach activities, including public engagement, stakeholder coordination, media engagement, and community education program implementation as part of the construction management team. (2023-Present)

IDOT, Public Private Partnership Strategy, Chicago,

IL. Part of the consultant team providing advisory services to IDOT's Office of Innovative Project Delivery. Manages stakeholder coordination and engagement for projects being considered for innovative project delivery mechanisms, including partnering with the private sector. Assists with developing educational outreach and training strategies around topics related to public-private partnerships and innovative project delivery. (2022-Present)

IDOT, Chicago, IL. Provided oversight of transit capital and operating grant funds as Transit Operations Project Manager. Directed financial and management compliance for \$150M in grant funds, led the Bureaus' transition to Illinois' Grant Accountability and Transparency Act (GATA) and identified policy and regulatory changes to streamline work between IDOT and the USDOT. Prepared IDOT for Federal Transit Administration (FTA) Procurement System Review, developed the RFI and RFQ for the transit grants management system, and directed financial and management compliance for \$150M in grant funds. Conducted financial management and compliance reviews of grantees and grant sub-recipients, led the Bureaus' transition to Illinois' Grant Accountability and Transparency Act (GATA), identified policy and regulatory changes to streamline work between the IDOT and the USDOT, and assisted in the development of the transit operations procedures manual. Participated as a member in the CVP Paratransit Vehicle Technical Services Selection Committee. (2016-2018)

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.

| | |
|--|---|
| AECOM Technical Services, Inc. – 121.28% | Rubinos & Mesia Engineers, Inc. – 121.37% |
| R.M. Chin & Associates, Inc. – 98.73% | GSG Consultants, Inc. – 128.57% |
| Sanchez & Associates, P.C. – 106.15% | Peralte-Clark, LLC – 152.50% |

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.



| | | | |
|--|--|-----------------------|-----------------------|
| Local Public Agency | | County | |
| CCDO TH | | Section Number | 24-1STUP-00-GS |
| Prime Consultant (Firm) Name | | Prepared By | Date |
| AECOM Technical Services, Inc. | | B. Sears | 7/31/2025 |
| Consultant / Subconsultant Name | | Job Number | |
| AECOM Technical Services, Inc. | | CREATE GS12 | |

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

Preliminary Engineering Services and Preparation of Phase I Study for the 1st Avenue and Union Pacific Railroad Grade Separation (CREATE GS12)
(Under Contract No. 2485-04041A)

PAYROLL ESCALATION TABLE

| | | | |
|----------------------|-------------------|---------------|--------------------------|
| CONTRACT TERM | 36 | MONTHS | |
| START DATE | 12/1/2025 | | OVERHEAD RATE |
| RAISE DATE | 10/1/2026 | | COMPLEXITY FACTOR |
| | | | % OF RAISE |
| END DATE | 11/30/2028 | | 121.28% |
| | | | 0 |
| | | | 3.00% |

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | % of Contract |
|------|------------|-----------|--------|---------------|
| 0 | 12/1/2025 | 10/1/2026 | 10 | 27.78% |
| 1 | 10/2/2026 | 10/1/2027 | 12 | 34.33% |
| 2 | 10/2/2027 | 10/1/2028 | 12 | 35.36% |
| 3 | 10/2/2028 | 12/1/2028 | 2 | 6.07% |

Local Public Agency

CCDOTH

County

Cook

Section Number

24-1STUP-00-GS

Consultant / Subconsultant Name

AECOM Technical Services, Inc.

Job Number

CREATE GS12

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|---|---|----------|---------------|--------------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | 640 | \$0.70 | \$448.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | 32 | \$65.00 | \$2,080.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | 5 | \$20.00 | \$100.00 |
| Parking | Actual Cost | 6 | \$20.00 | \$120.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | 3 | \$100.00 | \$300.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | 13 | \$120.00 | \$1,560.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | 2 | \$200.00 | \$400.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | | | \$0.00 |
| Web Site | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | | | \$0.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | | | \$0.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Taxi/Uber | Actual Cost | 4 | \$40.00 | \$160.00 |
| FEMA Hydraulic Model | Actual Cost | 1 | \$550.00 | \$550.00 |
| Traffic Data Collection | Actual Cost | 15 | \$1,920.00 | \$28,800.00 |
| | | | | \$0.00 |
| TOTAL DIRECT COSTS: | | | | \$34,518.00 |

Local Public Agency

CCDOTH

County

Cook

Section Number

24-1STUP-00-GS

Consultant / Subconsultant Name

AECOM Technical Services, Inc.

Job Number

CREATE GS12

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 2 OF 3

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | Task 6 Traffic and Crash Studies | | | Task 7 Alternatives Analysis & Geometrics | | | Task 8 Structural Analysis | | | Task 9 Maintenance of Traffic Analysis | | | Calculation and Cost Estimate | | | Task 11 Project Development Report | | |
|---------------------------------------|------------------|----------------------------------|---------|----------|---|---------|----------|----------------------------|---------|----------|--|---------|----------|-------------------------------|---------|----------|------------------------------------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Project Director/Principal | 90.00 | 12 | 0.83% | 0.75 | 40 | 0.83% | 0.74 | 20 | 1.05% | 0.95 | 4 | 4.35% | 3.91 | | | 8 | 2.67% | 2.40 | |
| Project Manager | 90.00 | 112 | 7.73% | 6.96 | 440 | 9.08% | 8.17 | 120 | 6.33% | 5.70 | 12 | 13.04% | 11.74 | 20 | 10.87% | 9.78 | 40 | 13.33% | 12.00 |
| Technical Specialist | 89.51 | 112 | 7.73% | 6.92 | 200 | 4.13% | 3.69 | 160 | 8.44% | 7.55 | 12 | 13.04% | 11.68 | 4 | 2.17% | 1.95 | | | |
| Project Engineer, Scientist, Planner | 77.02 | 160 | 11.05% | 8.51 | 460 | 9.49% | 7.31 | 240 | 12.66% | 9.75 | 8 | 8.70% | 6.70 | 32 | 17.39% | 13.39 | 60 | 20.00% | 15.40 |
| Senior Engineer, Scientist, Planner, | 75.12 | 80 | 5.52% | 4.15 | 320 | 6.60% | 4.96 | 160 | 8.44% | 6.34 | | | | | | | | | |
| Engineer, Scientist, Planner, Archite | 52.29 | 380 | 26.24% | 13.72 | 1780 | 36.72% | 19.20 | 520 | 27.43% | 14.34 | 8 | 8.70% | 4.55 | 56 | 30.43% | 15.91 | 80 | 26.67% | 13.94 |
| Construction Engineer | 49.07 | | | | | | | | | | 40 | 43.48% | 21.33 | | | | | | |
| Surveyor | 60.94 | | | | | | | | | | | | | | | | | | |
| Engineering Tech, Designer, CADD | 43.31 | 540 | 37.29% | 16.15 | 1528 | 31.52% | 13.65 | 652 | 34.39% | 14.89 | 8 | 8.70% | 3.77 | 72 | 39.13% | 16.95 | 80 | 26.67% | 11.55 |
| PM Support / Project Controls | 51.72 | 24 | 1.66% | 0.86 | 40 | 0.83% | 0.43 | 12 | 0.63% | 0.33 | | | | | | | 16 | 5.33% | 2.76 |
| Administrative Assistant | 33.37 | 28 | 1.93% | 0.65 | 40 | 0.83% | 0.28 | 12 | 0.63% | 0.21 | | | | | | | 16 | 5.33% | 1.78 |
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| TOTALS | | 1448.0 | 100% | \$58.67 | 4848.0 | 100% | \$58.42 | 1896.0 | 100% | \$60.06 | 92.0 | 100% | \$63.67 | 184.0 | 100% | \$57.99 | 300.0 | 100% | \$59.84 |

Local Public Agency

CCDOTH

County

Cook

Section Number

24-1STUP-00-GS

Consultant / Subconsultant Name

AECOM Technical Services, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 3 OF 3

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | Task 12 Public Involvement | | | Task 13 Stakeholder Coordination | | | Task 14 Project Administration and Management | | | Task 15 Quality Assurance / Quality Control (QA/QC) | | | Hours | Wgtd Avg | % Part. | Hours | Wgtd Avg | % Part. | Hours | Wgtd Avg | % Part. | Wgtd Avg | | |
|------------------------------------|------------------|----------------------------|---------|----------|----------------------------------|---------|----------|---|---------|----------|---|---------|----------|-------|----------|---------|-------|----------|---------|-------|----------|---------|----------|--|--|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | | | | | | | | | | | | |
| Project Director/Principal | 90.00 | 32 | 2.30% | 2.07 | 8 | 1.11% | 1.00 | 32 | 7.02% | 6.32 | 24 | 3.20% | 2.88 | | | | | | | | | | | | |
| Project Manager | 90.00 | 220 | 15.80% | 14.22 | 140 | 19.44% | 17.50 | 120 | 26.32% | 23.68 | 120 | 16.02% | 14.42 | | | | | | | | | | | | |
| Technical Specialist | 89.51 | 40 | 2.87% | 2.57 | 32 | 4.44% | 3.98 | | | | 40 | 5.34% | 4.78 | | | | | | | | | | | | |
| Project Engineer, Scientist, Plann | 77.02 | 240 | 17.24% | 13.28 | 140 | 19.44% | 14.98 | 64 | 14.04% | 10.81 | 160 | 21.36% | 16.45 | | | | | | | | | | | | |
| Senior Engineer, Scientist, Plann | 75.12 | 60 | 4.31% | 3.24 | 24 | 3.33% | 2.50 | | | | 160 | 21.36% | 16.05 | | | | | | | | | | | | |
| Engineer, Scientist, Planner, Arch | 52.29 | 320 | 22.99% | 12.02 | 120 | 16.67% | 8.72 | | | | 120 | 16.02% | 8.38 | | | | | | | | | | | | |
| Construction Engineer | 49.07 | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyor | 60.94 | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Tech, Designer, CAD | 43.31 | 400 | 28.74% | 12.45 | 208 | 28.89% | 12.51 | | | | 93 | 12.42% | 5.38 | | | | | | | | | | | | |
| PM Support / Project Controls | 51.72 | 40 | 2.87% | 1.49 | 32 | 4.44% | 2.30 | 120 | 26.32% | 13.61 | 16 | 2.14% | 1.10 | | | | | | | | | | | | |
| Administrative Assistant | 33.37 | 40 | 2.87% | 0.96 | 16 | 2.22% | 0.74 | 120 | 26.32% | 8.78 | 16 | 2.14% | 0.71 | | | | | | | | | | | | |
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| Local Public Agency Cook County Department of Transportation and Highway | County Cook |
| Prime Consultant (Firm) Name AECOM Technical Services | Section Number |
| Consultant / Subconsultant Name Sanchez & Associates, P.C. | Prepared By Gerardo P. Sanchez |
| | Date 8/6/2025 |
| | Job Number 2485-04041A |

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

| | |
|-----------------------------------|---------------------------------|
| CONTRACT TERM 36 MONTHS | OVERHEAD RATE 106.15% |
| START DATE 12/1/2025 | COMPLEXITY FACTOR 0 |
| RAISE DATE 1/1/2026 | % OF RAISE 3.00% |
| END DATE 11/30/2028 | |

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | % of Contract | |
|------|------------|-----------|--------|---------------|--|
| 0 | 12/1/2025 | 1/1/2026 | 1 | 2.78% | |
| 1 | 1/2/2026 | 1/1/2027 | 12 | 34.33% | |
| 2 | 1/2/2027 | 1/1/2028 | 12 | 35.36% | |
| 3 | 1/2/2028 | 12/1/2028 | 11 | 33.39% | |

Local Public Agency

Cook County Department of Transportation and

County

Cook

Section Number

Consultant / Subconsultant Name

Sanchez & Associates, P.C.

Job Number

2485-04041A

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|---|---|----------|---------------|-------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | | | \$0.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | 80 | \$65.00 | \$5,200.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | | | \$0.00 |
| Parking | Actual Cost | | | \$0.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | 1 | \$80.00 | \$80.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | | | \$0.00 |
| Web Site | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | | | \$0.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | 2 | \$2,400.00 | \$4,800.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | | | \$0.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | 10 | \$2,300.00 | \$23,000.00 |
| Title Commitments | | 1 | \$1,545.00 | \$1,545.00 |
| Railroad Right-of-Entry Application | | 1 | \$4,125.00 | \$4,125.00 |
| Railroad Protection Liability Insurance (RPLI) | | 6 | \$2,200.00 | \$13,200.00 |
| Railroad Flagger | | | | \$0.00 |

TOTAL DIRECT COSTS: \$51,950.00

Local Public Agency
Cook County Department of Transportation and Highway
Consultant / Subconsultant Name
Sanchez & Associates, P.C.

County
Cook

Section Number
Job Number
2485-04041A

AVERAGE HOURLY PROJECT RATES
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 3

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | | | | 1. Coordination / Safety Training | | | 2. Survey Control | | | 3.1 Topographic Survey of Streets | | | 3.2 Topographic Survey of Railroad | | | 4.1 SUE Manhole Details | | | |
|----------------------------|------------------|-------------------|---------|----------|-------|---------|----------|-----------------------------------|---------|----------|-------------------|---------|----------|-----------------------------------|---------|----------|------------------------------------|---------|----------|-------------------------|---------|----------|---------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | |
| | | | | | | | | | | | | | | | | | | | | | | | Hours |
| Principal / Survey Manager | 83.42 | 88.0 | 5.13% | 4.28 | 8 | 40.00% | 33.37 | 2 | 1.37% | 1.14 | 0 | | | | | | | | | | | | |
| Project Manager, PE | 71.60 | 120.0 | 7.00% | 5.01 | 6 | 30.00% | 21.48 | 16 | 10.96% | 7.85 | 9 | 4.23% | 3.03 | 21 | 13.46% | 9.64 | 8 | 5.88% | 4.21 | | | | |
| SUE Project Manager | 63.52 | 45.0 | 2.63% | 1.67 | 0 | | | 0 | | | 0 | | | | | | | | | | | | |
| Senior Survey Crew Chief | 47.64 | 522.0 | 30.46% | 14.51 | 2 | 10.00% | 4.76 | 64 | 43.84% | 20.88 | 72 | 33.80% | 16.10 | 46 | 29.49% | 14.05 | 64 | 47.06% | 22.42 | | | | |
| Survey Instrument Person | 33.72 | 522.0 | 30.46% | 10.27 | 2 | 10.00% | 3.37 | 64 | 43.84% | 14.78 | 72 | 33.80% | 11.40 | 46 | 29.49% | 9.94 | 64 | 47.06% | 15.87 | | | | |
| CADD Manager | 54.52 | 252.0 | 14.70% | 8.02 | 2 | 10.00% | 5.45 | 0 | | | 7 | 3.29% | 1.79 | 19 | 12.18% | 6.64 | 0 | | | | | | |
| CADD Technician | 43.40 | 165.0 | 9.63% | 4.18 | 0 | | | 0 | | | 53 | 24.88% | 10.80 | 24 | 15.38% | 6.68 | 0 | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | | | | | |
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| | | 0.0 | | | | | | | | | | | | | | | | | | | | | |
| TOTALS | | 1714.0 | 100% | \$47.93 | 20.0 | 100.00% | \$68.43 | 146.0 | 100% | \$44.65 | 213.0 | 100% | \$43.12 | 156.0 | 100% | \$46.95 | 136.0 | 100% | | | | | \$42.50 |

Local Public Agency

Cook County Department of Transportation and Highway

County

Cook

Section Number

Consultant / Subconsultant Name

Sanchez & Associates, P.C.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 3 OF 3

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | 7. QA/QC | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------|----------|---------|----------|-------|---------|----------|-------|---------|----------|-------|---------|----------|-------|---------|----------|-------|---------|----------|-------|---------|----------|--|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | |
| Principal / Survey Manager, P | 83.42 | 30 | 60.00% | 50.05 | | | | | | | | | | | | | | | | | | | |
| Project Manager, PE | 71.60 | 0 | | | | | | | | | | | | | | | | | | | | | |
| SUE Project Manager | 63.52 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Senior Survey Crew Chief II | 47.64 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Survey Instrument Person | 33.72 | 0 | | | | | | | | | | | | | | | | | | | | | |
| CADD Manager | 54.52 | 20 | 40.00% | 21.81 | | | | | | | | | | | | | | | | | | | |
| CADD Technician | 43.40 | 0 | | | | | | | | | | | | | | | | | | | | | |
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| TOTALS | | 50.0 | 100% | \$71.86 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | |



| | | | |
|--|--|-----------------------|--|
| Local Public Agency | <input type="text" value="CCDOTH"/> | County | <input type="text" value="Cook"/> |
| Prime Consultant (Firm) Name | <input type="text" value="AECOM"/> | Prepared By | <input type="text" value="Min Zhang"/> |
| Consultant / Subconsultant Name | <input type="text" value="GSG Consultants, Inc."/> | Date | <input type="text" value="7/29/2025"/> |
| | | Section Number | <input type="text"/> |
| | | Job Number | <input type="text"/> |

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

| | | | | |
|----------------------|---|---------------|--------------------------|--------------------------------------|
| CONTRACT TERM | <input type="text" value="36"/> | MONTHS | OVERHEAD RATE | <input type="text" value="128.57%"/> |
| START DATE | <input type="text" value="12/1/2025"/> | | COMPLEXITY FACTOR | <input type="text" value="0"/> |
| RAISE DATE | <input type="text" value="12/31/2025"/> | | % OF RAISE | <input type="text" value="3.00%"/> |
| END DATE | <input type="text" value="11/30/2028"/> | | | |

PAYROLL ESCALATION TABLE

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | % of Contract | |
|------|------------|------------|--------|---------------|--|
| 0 | 12/1/2025 | 12/31/2025 | 1 | 2.78% | |
| 1 | 1/1/2026 | 12/31/2026 | 12 | 34.33% | |
| 2 | 1/1/2027 | 12/31/2027 | 12 | 35.36% | |
| 3 | 1/1/2028 | 11/30/2028 | 11 | 33.39% | |

Local Public Agency

County

Section Number

CCDOTH

Cook

Consultant / Subconsultant Name

Job Number

GSG Consultants, Inc.

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

| | |
|-----------------------------|--------------|
| MAXIMUM PAYROLL RATE | 90.00 |
| ESCALATION FACTOR | 5.86% |

| CLASSIFICATION | IDOT PAYROLL RATES ON FILE | CALCULATED RATE |
|--------------------------------|---|------------------------|
| Principal | \$90.00 | \$90.00 |
| Senior Project Manager | \$88.63 | \$90.00 |
| Project Manager | \$70.70 | \$74.85 |
| Assistant Project Manager | \$54.62 | \$57.82 |
| Senior Engineer II | \$64.00 | \$67.75 |
| Senior Engineer I | \$57.20 | \$60.55 |
| Project Engineer II | \$52.79 | \$55.89 |
| Project Engineer I | \$46.03 | \$48.73 |
| Staff Engineer II | \$40.05 | \$42.40 |
| Staff Engineer I | \$33.77 | \$35.75 |
| Senior Inspector | \$63.06 | \$66.76 |
| Inspector II | \$42.63 | \$45.13 |
| Inspector I | \$35.25 | \$37.32 |
| Senior Environmental Scientist | \$53.32 | \$56.45 |
| Environmental Scientist II | \$38.55 | \$40.81 |
| Environmental Scientist I | \$31.55 | \$33.40 |
| CAD Designer | \$32.58 | \$34.49 |
| Project Control | \$56.16 | \$59.45 |
| Document Control | \$40.15 | \$42.50 |
| Field Technician | \$28.50 | \$30.17 |
| Laboratory Technician | \$27.33 | \$28.93 |
| Land Surveyor | \$41.00 | \$43.40 |
| Administrative Support | \$29.61 | \$31.35 |
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Local Public Agency

CCDOTH

County

Cook

Section Number

Consultant / Subconsultant Name

GSG Consultants, Inc.

Job Number

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|---|--|----------|---------------|---------------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | | | \$0.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | 43 | \$65.00 | \$2,795.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | | | \$0.00 |
| Parking | Actual Cost | | | \$0.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | | | \$0.00 |
| Web Site | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | | | \$0.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | 1 | \$25,000.00 | \$25,000.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | 1 | \$18,360.00 | \$18,360.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Geotechnical Drilling | Actual Cost | 1 | \$178,774.20 | \$178,774.20 |
| Railroad Permit | Actual Cost | 1 | \$2,500.00 | \$2,500.00 |
| Flaggers | Actual Cost | 2 | \$2,000.00 | \$4,000.00 |
| Environment data | Actual Cost | 1 | \$800.00 | \$800.00 |
| TOTAL DIRECT COSTS: | | | | \$232,229.20 |

DLR 06514 (Rev. 02/06/25)

Local Public Agency

CCDOH

County

Cook

Section Number

Consultant / Subconsultant Name

GSG Consultants, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 2

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | Geotechnical Engineering | | | Pavement Design | | | Environmental Studies | | | PESA | | | QA/QC | | |
|--------------------------------|------------------|-------------------|---------|----------|--------------------------|---------|----------|-----------------|---------|----------|-----------------------|---------|----------|-------|---------|----------|-------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Principal | 90.00 | 116.0 | 6.90% | 6.21 | 24 | 2.35% | 2.11 | 8 | 10.00% | 9.00 | 4 | 4.76% | 4.29 | 4 | 1.63% | 1.46 | 36 | 43.90% | 39.51 |
| Senior Project Manager | 90.00 | 0.0 | | | | | | | | | | | | | | | | | |
| Project Manager | 74.85 | 148.0 | 8.81% | 6.59 | | | | 12 | 15.00% | 11.23 | 24 | 14.29% | 10.69 | 20 | 8.13% | 6.08 | 46 | 56.10% | 41.99 |
| Assistant Project Manager | 57.82 | 0.0 | | | | | | | | | | | | | | | | | |
| Senior Engineer II | 67.75 | 60.0 | 3.57% | 2.42 | 60 | 5.87% | 3.98 | | | | | | | | | | | | |
| Senior Engineer I | 60.55 | 210.0 | 12.50% | 7.57 | 150 | 14.68% | 8.89 | 60 | 75.00% | 45.42 | | | | | | | | | |
| Project Engineer II | 55.89 | 120.0 | 7.14% | 3.99 | 120 | 11.74% | 6.56 | | | | | | | | | | | | |
| Project Engineer I | 48.73 | 380.0 | 22.62% | 11.02 | 380 | 37.18% | 18.12 | | | | | | | | | | | | |
| Staff Engineer I | 42.40 | 100.0 | 5.95% | 2.52 | 100 | 9.76% | 4.15 | | | | | | | | | | | | |
| Staff Engineer II | 35.75 | 188.0 | 11.19% | 4.00 | 188 | 18.40% | 6.58 | | | | | | | | | | | | |
| Senior Inspector | 66.76 | 0.0 | | | | | | | | | | | | | | | | | |
| Inspector II | 45.13 | 0.0 | | | | | | | | | | | | | | | | | |
| Inspector I | 37.32 | 0.0 | | | | | | | | | | | | | | | | | |
| Senior Environmental Scientist | 56.45 | 100.0 | 5.95% | 3.36 | | | | | | | 68 | 40.48% | 22.85 | 32 | 13.01% | 7.34 | | | |
| Environmental Scientist II | 40.81 | 258.0 | 15.36% | 6.27 | | | | | | | 68 | 40.48% | 16.52 | 190 | 77.24% | 31.52 | | | |
| Environmental Scientist I | 33.40 | 0.0 | | | | | | | | | | | | | | | | | |
| CAD Designer | 34.49 | 0.0 | | | | | | | | | | | | | | | | | |
| Project Control | 59.45 | 0.0 | | | | | | | | | | | | | | | | | |
| Document Control | 42.50 | 0.0 | | | | | | | | | | | | | | | | | |
| Field Technician | 30.17 | 0.0 | | | | | | | | | | | | | | | | | |
| Laboratory Technician | 28.93 | 0.0 | | | | | | | | | | | | | | | | | |
| Land Surveyor | 43.40 | 0.0 | | | | | | | | | | | | | | | | | |
| Administrative Support | 31.35 | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| TOTALS | | 1680.0 | 100% | \$53.96 | 1022.0 | 100.00% | \$50.38 | 80.0 | 100% | \$65.64 | 168.0 | 100% | \$54.34 | 246.0 | 100% | \$46.41 | 82.0 | 100% | \$81.50 |

Local Public Agency

CCDOTH

County

Cook

Section Number

Consultant / Subconsultant Name

GSG Consultants, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 2 OF 2

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | Project Coordination / Management | | | Category 1 | | | Category 2 | | | Category 3 | | |
|--------------------------------|------------------|-----------------------------------|---------|----------|------------|---------|----------|------------|---------|----------|------------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Principal | 90.00 | 36 | 43.90% | 39.51 | | | | | | | | | |
| Senior Project Manager | 90.00 | | | | | | | | | | | | |
| Project Manager | 74.85 | 46 | 56.10% | 41.99 | | | | | | | | | |
| Assistant Project Manager | 57.82 | | | | | | | | | | | | |
| Senior Engineer II | 67.75 | | | | | | | | | | | | |
| Senior Engineer I | 60.55 | | | | | | | | | | | | |
| Project Engineer II | 55.89 | | | | | | | | | | | | |
| Project Engineer I | 48.73 | | | | | | | | | | | | |
| Staff Engineer II | 42.40 | | | | | | | | | | | | |
| Staff Engineer I | 35.75 | | | | | | | | | | | | |
| Senior Inspector | 66.76 | | | | | | | | | | | | |
| Inspector II | 45.13 | | | | | | | | | | | | |
| Inspector I | 37.32 | | | | | | | | | | | | |
| Senior Environmental Scientist | 56.45 | | | | | | | | | | | | |
| Environmental Scientist II | 40.81 | | | | | | | | | | | | |
| Environmental Scientist I | 33.40 | | | | | | | | | | | | |
| CAD Designer | 34.49 | | | | | | | | | | | | |
| Project Control | 59.45 | | | | | | | | | | | | |
| Document Control | 42.50 | | | | | | | | | | | | |
| Field Technician | 30.17 | | | | | | | | | | | | |
| Laboratory Technician | 28.93 | | | | | | | | | | | | |
| Land Surveyor | 43.40 | | | | | | | | | | | | |
| Administrative Support | 31.35 | | | | | | | | | | | | |
| TOTALS | | 82.0 | 100% | \$81.50 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 |



Local Public Agency
County
Section Number
Prime Consultant (Firm) Name
Prepared By
Date
Consultant / Subconsultant Name
Job Number

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

| | | | | |
|----------------------|---|---------------|--------------------------|--------------------------------------|
| CONTRACT TERM | <input type="text" value="36"/> | MONTHS | OVERHEAD RATE | <input type="text" value="152.50%"/> |
| START DATE | <input type="text" value="12/1/2025"/> | | COMPLEXITY FACTOR | <input type="text" value="0"/> |
| RAISE DATE | <input type="text" value="1/1/2026"/> | | % OF RAISE | <input type="text" value="3.00%"/> |
| END DATE | <input type="text" value="11/30/2028"/> | | | |

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | Contract | % of |
|------|------------|-----------|--------|----------|--------|
| 0 | 12/1/2025 | 1/1/2026 | 1 | | 2.78% |
| 1 | 1/2/2026 | 1/1/2027 | 12 | | 34.33% |
| 2 | 1/2/2027 | 1/1/2028 | 12 | | 35.36% |
| 3 | 1/2/2028 | 12/1/2028 | 11 | | 33.39% |

Local Public Agency

Cook County Department of Transportation

County

Cook

Section Number

Consultant / Subconsultant Name

Peralte-Clark, LLC

Job Number

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|--|---|----------|---------------|-----------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | 150 | \$0.70 | \$105.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | | | \$0.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | | | \$0.00 |
| Parking | Actual Cost | | | \$0.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | | | \$0.00 |
| Web Site | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | | | \$0.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | | | \$0.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| TOTAL DIRECT COSTS: | | | | \$105.00 |

Local Public Agency

Cook County Department of Transportation and Highways

County

Cook

Section Number

Consultant / Subconsultant Name

Peralta-Clark, LLC

Job Number

AVERAGE HOURLY PROJECT RATES
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 2

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | Data Collection, Compilation, Review, and Evaluation | | | Traffic and Crash Studies | | | Alternatives Analysis & Geometrics | | | Maintenance of Traffic Analysis | | | Project Administration and Management | | |
|-------------------------------|------------------|-------------------|---------|----------|--|---------|----------|---------------------------|---------|----------|------------------------------------|---------|----------|---------------------------------|---------|----------|---------------------------------------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Engineering Chief | 90.00 | 0.0 | | | | | | | | | | | | | | | | | |
| Engineering Director | 90.00 | 0.0 | | | | | | | | | | | | | | | | | |
| Eng. Operations Sr. Manager | 90.00 | 330.0 | 17.68% | 15.92 | 5 | 10.42% | 9.38 | 50 | 11.21% | 10.09 | 5 | 9.43% | 8.49 | 90 | 9.01% | 8.11 | 131 | 100.00% | 90.00 |
| Senior Project Manager - 4 | 85.98 | 0.0 | | | | | | | | | | | | | | | | | |
| Senior Project Engineer - 6 | 85.41 | 351.0 | 18.81% | 16.07 | | | | | | | 37 | 69.81% | 59.63 | 250 | 25.03% | 21.37 | | | |
| Assistant Project Manager - 1 | 65.57 | 0.0 | | | | | | | | | | | | | | | | | |
| Senior Design Engineer - 4 | 65.21 | 116.0 | 6.22% | 4.05 | 10 | 20.83% | 13.59 | 50 | 11.21% | 7.31 | | | | | | | | | |
| Design Engineer -3 | 57.41 | 552.0 | 29.58% | 16.98 | 16 | 33.33% | 19.14 | 130 | 29.15% | 16.73 | 11 | 20.75% | 11.92 | 375 | 37.54% | 21.55 | | | |
| Design Engineer - 2 | 49.41 | 281.0 | 15.06% | 7.44 | 17 | 35.42% | 17.50 | 120 | 26.91% | 13.29 | | | | 144 | 14.41% | 7.12 | | | |
| Design Engineer - 1 | 44.04 | 236.0 | 12.65% | 5.57 | | | | 96 | 21.52% | 9.48 | | | | 140 | 14.01% | 6.17 | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
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| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| TOTALS | | 1866.0 | 100% | \$66.03 | 48.0 | 100.00% | \$59.60 | 446.0 | 100% | \$56.91 | 53.0 | 100% | \$80.03 | 999.0 | 100% | \$64.33 | 131.0 | 100% | \$90.00 |

Local Public Agency

Cook County Department of Transportation and Highwa

County

Cook

Section Number

Consultant / Subconsultant Name

Peralte-Clark, LLC

Job Number

AVERAGE HOURLY PROJECT RATES
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 2 OF 2

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | Quality Assurance/Quality Control | | | Project Coordination Meetings | | | | | | | | | | | | | | |
|-------------------------------|------------------|-----------------------------------|---------|----------|-------------------------------|---------|----------|-------|---------|----------|-------|---------|----------|-----|----|--------|-----|----|--------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | | | | | | |
| Engineering Chief | 90.00 | | | | | | | | | | | | | | | | | | |
| Engineering Director | 90.00 | | | | | | | | | | | | | | | | | | |
| Eng. Operations Sr. Manager | 90.00 | 10 | 9.80% | 8.82 | 39 | 44.83% | 40.34 | | | | | | | | | | | | |
| Senior Project Manager - 4 | 85.98 | | | | | | | | | | | | | | | | | | |
| Senior Project Engineer - 6 | 85.41 | 40 | 39.22% | 33.49 | 24 | 27.59% | 23.56 | | | | | | | | | | | | |
| Assistant Project Manager - 1 | 65.57 | | | | | | | | | | | | | | | | | | |
| Senior Design Engineer - 4 | 65.21 | 32 | 31.37% | 20.46 | 24 | 27.59% | 17.99 | | | | | | | | | | | | |
| Design Engineer - 3 | 57.41 | 20 | 19.61% | 11.26 | | | | | | | | | | | | | | | |
| Design Engineer - 2 | 49.41 | | | | | | | | | | | | | | | | | | |
| Design Engineer - 1 | 44.04 | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| TOTALS | | 102.0 | 100% | \$74.03 | 87.0 | 100% | \$81.90 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 | 0.0 | 0% | \$0.00 |



| | | |
|--|--------------------|-----------------------|
| Local Public Agency | County | Section Number |
| CCDOTH | Cook | 24-1STUP-00-GS |
| Prime Consultant (Firm) Name | Prepared By | Date |
| AECOM Technical Services | Mohsen Farahany | 5/19/2025 |
| Consultant / Subconsultant Name | Job Number | |
| RME | CREATE GS12 | |

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

Preliminary Engineering services for preparation of Phase I study for the 1st Ave and UPRR grade separation. RME's scope is retaining wall type studies and TS&L preparation.

PAYROLL ESCALATION TABLE

| | | | | |
|----------------------|------------|--------|--------------------------|---------|
| CONTRACT TERM | 36 | MONTHS | OVERHEAD RATE | 121.37% |
| START DATE | 12/1/2025 | | COMPLEXITY FACTOR | 0 |
| RAISE DATE | 4/1/2026 | | % OF RAISE | 3.00% |
| END DATE | 11/30/2028 | | | |

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | % of Contract |
|------|------------|-----------|--------|---------------|
| 0 | 12/1/2025 | 4/1/2026 | 4 | 11.11% |
| 1 | 4/2/2026 | 4/1/2027 | 12 | 34.33% |
| 2 | 4/2/2027 | 4/1/2028 | 12 | 35.36% |
| 3 | 4/2/2028 | 12/1/2028 | 8 | 24.28% |

Local Public Agency

CCDOTH

County

Cook

Section Number

24-1STUP-00-GS

Consultant / Subconsultant Name

RME

Job Number

CREATE GS12

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|---|---|----------|---------------|-------------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | 300 | \$0.70 | \$210.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | | | \$0.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | | | \$0.00 |
| Parking | Actual Cost | | | \$0.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | 268 | \$15.00 | \$4,020.00 |
| Web Site | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | | | \$0.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | | | \$0.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| TOTAL DIRECT COSTS: | | | | \$4,230.00 |

BLR 05514 (Rev. 02/06/25)

Local Public Agency
 CCDOTH
Consultant / Subconsultant Name
 RME

County
 Cook

Section Number
 24-1STUP-00-GS
Job Number
 CREATE GS12

AVERAGE HOURLY PROJECT RATES
 EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 1

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | Wall Type Studies & Report | | | TS&L | | | QA/QC | | | Administration & Management | | | | | |
|-----------------------------|------------------|-------------------|---------|----------|----------------------------|---------|----------|-------|---------|----------|-------|---------|----------|-----------------------------|---------|----------|-------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Project Manager | 90.00 | 131.0 | 10.08% | 9.07 | 34 | 9.04% | 8.14 | 38 | 4.71% | 4.24 | | | | | | | | | |
| QA/QC | 90.00 | 59.0 | 4.54% | 4.08 | | | | | | | 59 | 100.00% | 90.00 | | | | | | |
| Senior Project Engineer | 76.98 | 314.0 | 24.15% | 18.59 | 104 | 27.66% | 21.29 | 210 | 26.05% | 20.06 | | | | | | | | | |
| Structural Project Engineer | 78.82 | 254.0 | 19.54% | 15.40 | 96 | 25.53% | 20.12 | 158 | 19.60% | 15.45 | | | | | | | | | |
| Senior Structural Engineer | 67.26 | 164.0 | 12.62% | 8.48 | 40 | 10.64% | 7.16 | 124 | 15.38% | 10.35 | | | | | | | | | |
| Structural Engineer | 56.62 | 110.0 | 8.46% | 4.79 | 46 | 12.23% | 6.93 | 64 | 7.94% | 4.50 | | | | | | | | | |
| Sr. Cadd Technician | 49.80 | 268.0 | 20.62% | 10.27 | 56 | 14.89% | 7.42 | 212 | 26.30% | 13.10 | | | | | | | | | |
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| | | 0.0 | | | | | | | | | | | | | | | | | |
| | | 0.0 | | | | | | | | | | | | | | | | | |
| TOTALS | | 1300.0 | 100% | \$70.69 | 376.0 | 100.00% | \$71.05 | 806.0 | 100% | \$67.69 | 59.0 | 100% | \$90.00 | 59.0 | 100% | \$90.00 | 0.0 | 0% | \$0.00 |



Local Public Agency
Cook County Department of Public Transportation

County
Cook

Section Number

Prime Consultant (Firm) Name
AECOM

Prepared By
Keith Spencer

Date
6/25/2025

Consultant / Subconsultant Name
R.M. Chin & Associates, Inc.

Job Number

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

| | | | |
|----------------------|------------|--------------------------|--------|
| CONTRACT TERM | 36 MONTHS | OVERHEAD RATE | 98.73% |
| START DATE | 12/1/2025 | COMPLEXITY FACTOR | 0 |
| RAISE DATE | 1/1/2026 | % OF RAISE | 3.00% |
| END DATE | 11/30/2028 | | |

ESCALATION PER YEAR

| Year | First Date | Last Date | Months | % of Contract |
|------|------------|-----------|--------|---------------|
| 0 | 12/1/2025 | 1/1/2026 | 1 | 2.78% |
| 1 | 1/2/2026 | 1/1/2027 | 12 | 34.33% |
| 2 | 1/2/2027 | 1/1/2028 | 12 | 35.36% |
| 3 | 1/2/2028 | 12/1/2028 | 11 | 33.39% |

The total escalation = 5.86%

Local Public Agency

Cook County Department of Public Transport

County

Cook

Section Number

Consultant / Subconsultant Name

R.M. Chin & Associates, Inc.

Job Number

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| ITEM | ALLOWABLE | QUANTITY | CONTRACT RATE | TOTAL |
|---|---|----------|---------------|--------------------|
| Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost (Up to state rate maximum) | | | \$0.00 |
| Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD) | Actual Cost | | | \$0.00 |
| Air Fare | Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval | | | \$0.00 |
| Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD) | Up to state rate maximum | 300 | \$0.66 | \$198.00 |
| Vehicle Owned or Leased | \$32.50/half day (4 hours or less) or \$65/full day | 15 | \$65.00 | \$975.00 |
| Vehicle Rental | Actual Cost (Up to \$55/day) | | | \$0.00 |
| Tolls | Actual Cost | | | \$0.00 |
| Parking | Actual Cost | 15 | \$10.00 | \$150.00 |
| Overtime | Premium portion (Submit supporting documentation) | | | \$0.00 |
| Shift Differential | Actual Cost (Based on firm's policy) | | | \$0.00 |
| Overnight Delivery/Postage/Courier Service | Actual Cost (Submit supporting documentation) | 800 | \$1.00 | \$800.00 |
| Copies of Deliverables/Mylars (In-house) | Actual Cost (Submit supporting documentation) | | | \$0.00 |
| Copies of Deliverables/Mylars (Outside) | Actual Cost (Submit supporting documentation) | 2000 | \$2.50 | \$5,000.00 |
| Project Specific Insurance | Actual Cost | | | \$0.00 |
| Monuments (Permanent) | Actual Cost | | | \$0.00 |
| Photo Processing | Actual Cost | | | \$0.00 |
| 2-Way Radio (Survey or Phase III Only) | Actual Cost | | | \$0.00 |
| Telephone Usage (Traffic System Monitoring Only) | Actual Cost | | | \$0.00 |
| CADD | Actual Cost (Max \$15/hour) | | | \$0.00 |
| Web Site | Actual Cost (Submit supporting documentation) | 1 | \$2,000.00 | \$2,000.00 |
| Advertisements | Actual Cost (Submit supporting documentation) | 6 | \$1,000.00 | \$6,000.00 |
| Public Meeting Facility Rental | Actual Cost (Submit supporting documentation) | 3 | \$1,500.00 | \$4,500.00 |
| Public Meeting Exhibits/Renderings & Equipment | Actual Cost (Submit supporting documentation) | 65 | \$25.00 | \$1,625.00 |
| Recording Fees | Actual Cost | | | \$0.00 |
| Transcriptions (specific to project) | Actual Cost | 1 | \$1,200.00 | \$1,200.00 |
| Courthouse Fees | Actual Cost | | | \$0.00 |
| Storm Sewer Cleaning and Televising | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Traffic Control and Protection | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Aerial Photography and Mapping | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Utlility Exploratory Trenching | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| Testing of Soil Samples | Actual Cost | | | \$0.00 |
| Lab Services | Actual Cost (Provide breakdown of each cost) | | | \$0.00 |
| Equipment and/or Specialized Equipment Rental | Actual Cost (Requires 2-3 quotes with IDOT approval) | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| | | | | \$0.00 |
| TOTAL DIRECT COSTS: | | | | \$22,448.00 |

Local Public Agency

Cook County Department of Public Transportation

County

Cook

Section Number

Consultant / Subconsultant Name

R.M. Chin & Associates, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

| PAYROLL CLASSIFICATION | AVG HOURLY RATES | TOTAL PROJ. RATES | | | Administration | | | Public Involvement Plan & Stakeholder List | | | Municipal Meetings | | | CAG | | | Public Meeting | | |
|---------------------------|------------------|-------------------|---------|----------|----------------|---------|----------|--|---------|----------|--------------------|---------|----------|-------|---------|----------|----------------|---------|----------|
| | | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg | Hours | % Part. | Wgtd Avg |
| Project Executive | 90.00 | 36.0 | 1.91% | 1.72 | 36 | 25.00% | 22.50 | | | | | | | | | | | | |
| Director | 79.90 | 213.0 | 11.29% | 9.02 | 18 | 12.50% | 9.99 | 5 | 10.00% | 7.99 | 40 | 21.74% | 17.37 | 15 | 4.11% | 3.28 | 30 | 11.76% | 9.40 |
| Senior Project Manager | 55.39 | 628.0 | 33.30% | 18.44 | 72 | 50.00% | 27.69 | 10 | 20.00% | 11.08 | 80 | 43.48% | 24.08 | 150 | 41.10% | 22.76 | 60 | 23.53% | 13.03 |
| Project Manager | 35.65 | 389.0 | 20.63% | 7.35 | 18 | 12.50% | 4.46 | 15 | 30.00% | 10.70 | 40 | 21.74% | 7.75 | 90 | 24.66% | 8.79 | 45 | 17.65% | 6.29 |
| Assistant Project Manager | 24.35 | 250.0 | 13.26% | 3.23 | | | | 20 | 40.00% | 9.74 | 16 | 8.70% | 2.12 | 90 | 24.66% | 6.00 | 30 | 11.76% | 2.86 |
| Creative Manager | 66.16 | 370.0 | 19.62% | 12.98 | | | | 8 | 4.35% | 2.88 | 8 | 4.35% | 2.88 | 20 | 5.48% | 3.63 | 90 | 35.29% | 23.35 |
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| | | 0.0 | | | | | | | | | | | | | | | | | |
| TOTALS | | 1886.0 | 100% | \$52.75 | 144.0 | 100.00% | \$64.64 | 50.0 | 100% | \$39.50 | 184.0 | 100% | \$54.20 | 365.0 | 100% | \$44.47 | 255.0 | 100% | \$54.94 |



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 17, 2025

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

| |
|---|
| OH Rates effective as of: May 12, 2025 |
|---|

Timothy Whalen
AECOM TECHNICAL SERVICES, INC.
One Prudential Plaza, 130 E. Randolph St.
Suite 2400
Chicago, IL 60601

Dear Timothy Whalen,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Sep 27, 2024. Your firm's total annual transportation fee capacity will be \$123,200,000.

Your firm's Home rate of 121.28% and Field rate of 104.11% 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 September 27, 2025. 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 AECOM TECHNICAL SERVICES, INC.

| CATEGORY | STATUS |
|---|--------|
| Airports - Master Planning/Airport Layout Plans (ALP) | X |
| Special Studies - Feasibility | X |
| Transportation Studies - Railway Engineering | X |
| Structures - Highway: Complex | X |
| Special Plans - Pumping Stations | X |
| Location Design Studies - Reconstruction/Major Rehabilitation | X |
| Special Services - Electrical Engineering | X |
| Structures - Railroad | X |
| Highways - Roads and Streets | X |
| Special Services - Surveying | X |
| Special Services - Construction Inspection | X |
| Special Services - Public Involvement | X |
| Special Services - Sanitary | X |
| Special Studies- Location Drainage | X |
| Airports - Design: Complex Electrical | X |
| Hydraulic Reports - Pump Stations | X |
| Geotechnical Services - General Geotechnical Services | X |
| Structures - Highway: Typical | X |
| Special Plans - Traffic Signals | X |
| Location Design Studies - Rehabilitation | X |
| Special Services - Hazardous Waste: Advance | A |
| Airports - Design | A |
| Environmental Reports - Environmental Impact Statement | X |
| Highways - Freeways | X |
| Geotechnical Services - Structure Geotechnical Reports (SGR) | X |
| Special Services - Hazardous Waste: Simple | A |
| Airports - Construction Inspection | X |
| Special Studies - Signal Coordination & Timing (SCAT) | X |
| Special Studies - Traffic Studies | X |
| Special Plans - Lighting: Typical | X |
| Transportation Studies - Mass Transit | X |

| | |
|---|---|
| Structures - Highway: Simple | X |
| Geotechnical Services - Complex Geotech/Major Foundation | A |
| Special Studies - Pavement Analysis and Evaluation | X |
| Geotechnical Services - Subsurface Explorations | X |
| Structures - Moveable | X |
| Location Design Studies - New Construction/Major Reconstruction | X |
| Environmental Reports - Environmental Assessment | X |
| Structures - Highway: Advanced Typical | X |
| Hydraulic Reports - Waterways: Complex | X |
| Special Services - Project Controls | X |
| Special Services - Landscape Architecture | X |
| Special Services - Mechanical | X |
| Hydraulic Reports - Waterways: Typical | X |
| Structures: Major River Bridges | X |
| Special Plans - Lighting: Complex | X |
| Transportation Studies - Railway Planning | X |
| Special Studies - Safety | 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

May 14, 2025

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Ala Sassila
GSG CONSULTANTS, INC.
735 Remington Rd
Schaumburg, IL 60173

Dear Ala Sassila,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2024. Your firm's total annual transportation fee capacity will be \$21,600,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 128.57% 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, 2025. 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 GSG CONSULTANTS, INC.

| CATEGORY | STATUS |
|---|--------|
| Special Services - Aerial Mapping/LiDAR | X |
| Special Services - Mobile LiDAR | X |
| Special Services - Project Controls | X |
| Location Design Studies - Reconstruction/Major Rehabilitation | X |
| Special Services - Surveying | X |
| Special Services - Subsurface Utility Engineering | X |
| Special Studies- Location Drainage | X |
| Hydraulic Reports - Waterways: Complex | X |
| Highways - Roads and Streets | X |
| Special Services - Asbestos Abatement Surveys | X |
| Structures - Highway: Typical | X |
| Geotechnical Services - General Geotechnical Services | X |
| Special Services - Hazardous Waste: Simple | X |
| Location Design Studies - Rehabilitation | X |
| Highways - Freeways | X |
| Hydraulic Reports - Waterways: Typical | X |
| Special Services - Construction Inspection | X |
| Geotechnical Services - Subsurface Explorations | X |
| Geotechnical Services - Structure Geotechnical Reports (SGR) | X |
| Geotechnical Services - Complex Geotech/Major Foundation | X |
| Structures - Highway: Simple | X |
| Transportation Studies - Railway 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 3, 2024

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Jean-Alix Peralte
PERALTE-CLARK LLC
44 S. Vail Avenue
201
Arlington Heights, IL 60005

Dear Jean-Alix Peralte,

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 \$10,400,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 152.50% 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 PERALTE-CLARK LLC

| CATEGORY | STATUS |
|---|--------|
| Transportation Studies - Railway Engineering | X |
| Highways - Freeways | X |
| Highways - Roads and Streets | X |
| Special Studies - Safety | X |
| Location Design Studies - Reconstruction/Major Rehabilitation | X |
| Location Design Studies - Rehabilitation | X |
| Special Studies - Traffic Studies | X |
| Special Studies - Feasibility | X |
| Special Studies- Location Drainage | X |
| Special Services - Public Involvement | X |
| Special Plans - Traffic Signals | X |
| Special Services - Construction Inspection | X |
| Hydraulic Reports - Waterways: Typical | X |
| Location Design Studies - New Construction/Major Reconstruction | 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

January 30, 2025

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Eileen Chin
CHIN, R. M. & ASSOC., INC.
500 West 18th Street
Chicago, IL 60616

Dear Eileen Chin,

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 \$15,800,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 98.73% 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 CHIN, R. M. & ASSOC., INC.

| CATEGORY | STATUS |
|---|---------------|
| Special Plans - Traffic Signals | X |
| Special Services - Construction Inspection | X |
| Highways - Freeways | X |
| Highways - Roads and Streets | X |
| Airports - Construction Inspection | X |
| Special Services - Public Involvement | X |
| Special Services - Project Controls | X |
| Location Design Studies - Rehabilitation | X |
| Airports - Design | X |
| Location Design Studies - Reconstruction/Major Rehabilitation | X |
| Transportation Studies - Mass Transit | X |
| Transportation Studies - Railway Planning | 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

May 28, 2024

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Nihar D. Shah
RUBINOS & MESIA ENGINEERS, INC.
200 S. Michigan Avenue
Suite 1500
Chicago, IL 60604

Dear Nihar D. Shah,

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 \$11,200,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 121.37% 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



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 27, 2025

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Gerardo Sanchez
SANCHEZ & ASSOCIATES, P.C.
180 Crossen Avenue
Elk Grove Village, IL 60007

Dear Gerardo Sanchez,

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 \$1,800,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 106.15% 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 SANCHEZ & ASSOCIATES, P.C.

| CATEGORY | STATUS |
|---|--------|
| Special Services - Surveying | X |
| Special Services - Subsurface Utility Engineering | X |
| Special Services - Aerial Mapping/LiDAR | X |
| Special Services - Mobile LiDAR | X |
| Special Services - Construction Inspection | 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 |

EXHIBIT 5

Disadvantage Business Enterprise Commitment



COOK COUNTY
OFFICE OF THE
Chief Procurement
Officer

161 N. Clark
Suite 2300
Chicago, Illinois 60601

Date: August 26, 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. 2485-04041a
Preliminary Engineering Services 1st Avenue and Union Pacific Grade Separation
Department of Transportation and Highways
RFQ: Professional Services
Contractor: AECOM Technical Services
Contract Value: \$3,889,228.00
Contract Term: 12/1/2025 – 11/30/2028
Participation Goal: 35% DBE

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.



Utilization Plan Original Contract (Based on contract value of \$3,889,228.00)

| <u>MBE/WBE</u> | <u>Status</u> | <u>Certifying Agency</u> | <u>Commitment (Direct)*</u> |
|---------------------------------|----------------------|---------------------------------|------------------------------------|
| GSG Consultants, Inc. | DBE | IDOT | 12.07% \$469,358.00 |
| Peralte-Clark, LLC | DBE | CTA | 9.05% \$351,871.00 |
| Sanchez & Associates, P.C. | DBE | IDOT | 6.34% \$246,728.00 |
| Rubinos & Mesia Engineers, Inc. | DBE | METRA | 6.12% \$237,987.00 |
| R.M. Chin & Associates, Inc. | DBE | IDOT | 6.42% \$249,797.00 |
| Total | | | 40% DBE |

JC/mk

CC: Lillian Lee, (OCPO)
Cho Ng, (DOTH)
Nathan Roseberry, (DOTH)
Oscar Valenzuela, (DOTH)

DBE UTILIZATION PLAN – FORM 1

BIDDER/PROPOSER HEREBY STATES that all DBE firms included in this Plan are certified DBEs pursuant to the requirements of the Federal regulations 49 CFR Part 26.

I. BIDDER/PROPOSER DBE STATUS: (check the appropriate line)

___ Bidder/Proposer is a certified DBE 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 DBEs (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the DBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at (www.cookcountylil.gov/contractcompliance))

X Bidder/Proposer is not a certified DBE firm, nor a Joint Venture with MBE/WBE partners, but will Utilize DBE 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 DBE Firms Indirect Participation of DBE 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.

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

DBE Firm: See attached.

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 _____

DBE 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**

DBE UTILIZATION PLAN – FORM 1 (attachment)

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

DBE Firm: GSG Consultants
 Address: 735 Remington Road, Schaumburg, IL 60173
 Email: asassila@gsg-consultants.com
 Contact Person: Ala Sassila Phone: 630.994.2610
 Dollar Amount Participation: \$469,358
 Percent Amount of Participation: 12.07%
 *Letter of Intent attached: Yes x No _____
 *Current Letter of Certification attached? Yes x No _____

DBE Firm: Peralte-Clark, LLC
 Address: 44 South Vail Avenue, Suite 201, Arlington Heights, IL 60005
 Email: john.clark@peralte-clark.com
 Contact Person: John Clark Phone: 847.485.8069
 Dollar Amount Participation: \$351,871
 Percent Amount of Participation: 9.05%
 *Letter of Intent attached: Yes x No _____
 *Current Letter of Certification attached? Yes x No _____

DBE Firm: RM Chin & Associates, Inc.
 Address: 500 W. 18th Street, Suite 200, Chicago, IL 60616
 Email: eileenc@rmchin.com
 Contact Person: Eileen Chin Phone: 312.595.2000
 Dollar Amount Participation: \$249,797
 Percent Amount of Participation: 6.42%
 *Letter of Intent attached: Yes x No _____
 *Current Letter of Certification attached? Yes x No _____

DBE UTILIZATION PLAN – FORM 1 (attachment)

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

DBE Firm: Rubinos & Mesia Engineers
 Address: 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604
 Email: MFarahany@RME-i.com
 Contact Person: Mohsen Farahany Phone: 312.870.6623
 Dollar Amount Participation: \$237,987
 Percent Amount of Participation: 6.12%
 *Letter of Intent attached: Yes x No
 *Current Letter of Certification attached? Yes x No

DBE Firm: Sanchez & Associates, P.C.
 Address: 180 Crossen Avenue, Elk Grove Village, IL 60007
 Email: gpsanchez@sanchez-pc.com
 Contact Person: Gerardo Sanchez Phone: 773.232.5838
 Dollar Amount Participation: \$246,728
 Percent Amount of Participation: 6.34%
 *Letter of Intent attached: Yes x No
 *Current Letter of Certification attached? Yes x No

DBE LETTER OF INTENT - FORM 2

DBE Firm: GSG Consultants, Inc

Certifying Agency: City of Chicago

Contact Person: Ala Sassila

Certification Expiration Date: 06/01/2026

Address: 735 Remington Road

Ethnicity: Hispanic

City/State: Schaumburg, IL Zip: 60173

Bid/Proposal/Contract #: RFQ 2485-04041A

Phone: 630.994.2610 Fax: _____

FEIN #: 36-3844476

Email: asassila@gsg-consultants.com

Participation: Direct Indirect

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

GSG will perform geotechnical investigation, environmental drilling and support external coordination with railroads.

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

Dollar Amount: \$469,358; Percentage: 12.07%; Terms of Payment: Paid when Paid – 15 days

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 DBE 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.

Ala Sassila
Signature (DBE)

Timothy Whalen
Signature (Prime Bidder/Proposer)

Ala Sassila, PhD, PE
Print Name

Timothy Whalen
Print Name

GSG Consultants, Inc.
Firm Name

AECOM Technical Services, Inc
Firm Name

8/12/2025
Date

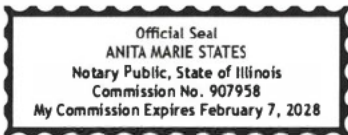
8/13/2025
Date

Subscribed and sworn before me
this 12th day of August, 20 25.

Subscribed and sworn before me
this 13 day of August, 20 25.

Notary Public Anita Marie States

Notary Public Mel Cole



SEAL



SEAL

DBE LETTER OF INTENT - FORM 2

DBE Firm: Peralte-Clark, LLC

Certifying Agency: Chicago Transit Authority

Contact Person: John Clark

Certification Expiration Date: May 26, 2026

Address: 44 South Vail Avenue, Suite 201

Ethnicity: African American

City/State: Arlington Heights, IL Zip: 60005

Bid/Proposal/Contract #: RFQ 2485-04041A

Phone: 847.485.8069 Fax: _____

FEIN #: 81-4901294

Email: john.clark@peralte-clark.com

Participation: Direct Indirect

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

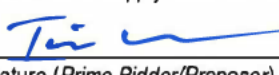
Peralte-Clark will support environmental/NEPA work and agency coordination, and support rail engineering.

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

Dollar Amount: \$351,871; Percentage: 9.05%; Terms of Payment: Paid when Paid – 15 days

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 DBE 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 (DBE)


Signature (Prime Bidder/Proposer)

Jean-Alix Peralte

Timothy Whalen

Print Name
Peralte-Clark, LLC

Print Name
AECOM Technical Services, Inc.

Firm Name

Firm Name

August 12, 2025

8/13/2025

Date


Date


Subscribed and sworn before me

Subscribed and sworn before me

this 12th day of August, 2025

this 13 day of August, 2025

Notary Public 

Notary Public 

SEAL

SEAL



DBE LETTER OF INTENT - FORM 2

DBE Firm: Rubinos & Mesa Engineers, Inc. Certifying Agency: Metra
Contact Person: Mohsen Farahany Certification Expiration Date: 10/01/2025
Address: 200 S. Michigan Avenue, Suite 1500 Ethnicity: Asian-Indian-American
City/State: Chicago, IL Zip: 60604 Bid/Proposal/Contract #: RFQ 2485-04041A
Phone: 312.870.6623 Fax: _____ FEIN #: 36-3164138
Email: MFarahany@RME-i.com

Participation: Direct Indirect

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

Support Structural Engineering.

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

Dollar Amount: \$237,987; Percentage: 6.12%; Terms of Payment: Paid when Paid – 15 days

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 DBE 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.

Mohsen Farahany
Signature (DBE)
Mohsen Farahany
Print Name
Rubinos & Mesa Engineers, Inc.
Firm Name
8/12/2025
Date

Timothy Whalen
Signature (Prime Bidder/Proposer)
Timothy Whalen
Print Name
AECOM Technical Services, Inc.
Firm Name
8/13/2025
Date

Subscribed and sworn before me
this 12th day of August, 2025.

Notary Public Javier Romero

Subscribed and sworn before me
this 13 day of August, 2025

Notary Public Melodie Cole



SEAL



SEAL

DBE LETTER OF INTENT - FORM 2

DBE Firm: RM Chin & Associates, Inc.

Certifying Agency: City of Chicago

Contact Person: Eileen Chin

Certification Expiration Date: 4/30/2026

Address: 500 W. 18th Street, Suite 200

Ethnicity: Asian

City/State: Chicago, IL Zip: 60616

Bid/Proposal/Contract #: RFQ 2485-04041A

Phone: 312.595.2000 Fax: _____

FEIN #: 36-3631821

Email: eileenc@rmchin.com

Participation: Direct Indirect

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

RM Chin will lead public engagement efforts using a broad range of communication platforms to reach diverse stakeholders.

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

Dollar Amount: \$249,797; Percentage: 6.42%; Terms of Payment: Paid when Paid – 15 days

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 DBE 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 (DBE)

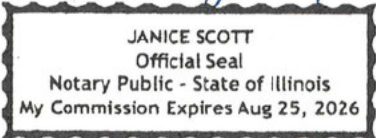
Eileen Chin
Print Name

R.M. Chin & Associates, Inc.
Firm Name

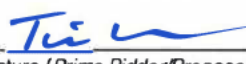
8/12/2025
Date

Subscribed and sworn before me
this 12th day of AUGUST, 2025.

Notary Public 



SEAL



Signature (Prime Bidder/Proposer)

Timothy Whalen
Print Name

AECOM Technical Services, Inc.
Firm Name

8/13/2025
Date

Subscribed and sworn before me
this 13 day of August, 2025.

Notary Public 



SEAL

DBE LETTER OF INTENT - FORM 2

DBE Firm: Sanchez & Associate s P.C.

Certifying Agency: Illinois Department of Transportation

Contact Person: Gerardo P. Sanchez

Certification Expiration Date: 09/01/2025

Address: 180 Crossen Ave

Ethnicity: Hispanic

City/State: Elk Gove Village, IL Zip: 60007

Bid/Proposal/Contract #: RFQ 2485-04041A

Phone: 773.444.0144 Fax: 847.232.3104

FEIN #: 20-2703329

Email: gpsanchez@sanchez-pc.com

Participation: Direct Indirect

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

Provide professional topographic survey services.

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

Dollar Amount: \$246,728; Percentage: 6.34%; Terms of Payment: Paid when Paid - 15 days

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 DBE 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.

Gerardo P. Sanchez
Signature (DBE)

Timothy Whalen
Signature (Prime Bidder/Proposer)

Gerardo P. Sanchez
Print Name

Timothy Whalen
Print Name

Sanchez & Associates, P.C.
Firm Name

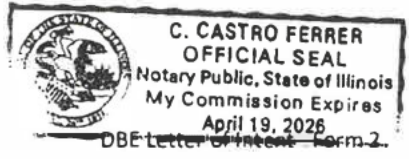
AECOM Technical Services, Inc.
Firm Name

08/13/2025
Date

08/13/2025
Date

Subscribed and sworn before me
this 13 day of August, 2025
Notary Public C. Castro Ferrer

Subscribed and sworn before me
this 13 day of August, 2025
Notary Public Melodie Cole



SEAL



SEAL



547 W. Jackson Boulevard, Chicago, IL 60661

312.322.6900

metra.com

January 18, 2024

Guillermo Garcia
GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173

Dear Mr. Garcia:

Metra has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Subpart D 26.61. Your next No Change Affidavit is due **January 1, 2025**.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra, and Pace.

If there is any change in your certification that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is grounds for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metra.com under the Office of Diversity & Business Enterprise link. Your firm's name will appear in the IL UCP DBE Directory under the following:

NAICS Codes: 237310, 237990, 541330, 562910

Specialty: 237310 - Construction Management, Highway, Road, Street and Bridge
237990 - Construction Management, Mass Transit
541330 - Geo-Technical Engineering, Civil Engineering, Construction Inspection,
Industrial Hygiene
562910 - Remediation Services

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Sincerely,

A handwritten signature in black ink that reads "Adriana Mena".

Adriana Mena
Sr. DBE Certification Specialist
Office of Diversity & Business Enterprise

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation.



547 W. Jackson Boulevard, Chicago, IL 60661

312.322.6900

metra.com

October 4, 2023

Nihar D Shah
Rubinos & Mesia Engineers, Inc.
200 S. Michigan Ave. - STE 1500
Chicago, IL 60604-3607

Dear Mr. Shah,

Metra, your host agency, is pleased to notify you that your firm has met the requirements for Disadvantaged Business Enterprise (DBE) program certification in accordance with the governing federal regulations, 49 CFR part 26.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra, and Pace.

To remain certified with the IL UCP you must submit a *No Change Affidavit* annually. Your next No Change Affidavit is due **October 1, 2024**. It is your responsibility to ensure that your certification is kept current by submitting the required information in a timely manner. Failure to provide this information is a ground for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

If there is any change in circumstances that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change.

Your firm's name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metra.com under the Business Diversity DBE link. Your firm's name will appear in the IL UCP DBE Directory under the following:

NAICS Codes: 236220, 237310, 541310, 541330, 541340

Specialty: 236220 - Construction Management of Commercial and Institutional Building Construction
237310 - Construction Management of Highway, Street, and Bridge Construction
541310 - Architectural Services
541330 - Engineering Services
541340 - Drafting Services

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a "*commercially useful function*" (CUF) in its approved area(s) of specialty.

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation.



Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

August 20, 2024

CERTIFIED – RETURN RECEIPT REQUESTED

Mr. Gerardo P. Sanchez
Sanchez & Associates, P.C.
180 Crossen Ave
Elk Grove Village, IL 60007

Dear Mr. Sanchez:

The Illinois Department of Transportation (IDOT) has approved the *Declaration of Eligibility* for Sanchez & Associates, P.C. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *Declaration of Eligibility*. Your firm's next *Declaration of Eligibility (DOE)* is due on **April 1, 2025**. IDOT will send a *DOE* form 60 days prior to that date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

A handwritten signature in blue ink that reads "Debra A. Clark" with a stylized flourish at the end.

Debra A. Clark
Interim DBE Certification Section Manager
Bureau of Small Business Enterprises



May 9, 2024

Mr. Jean-Alix Peralte
Peralte-Clark, LLC
1601 W. Colonial Parkway
Inverness, IL 60067

Dear Mr. Peralte:

The Chicago Transit Authority has reviewed your No Change Affidavit and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **May 26, 2025**. A notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affects your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP Directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The directory can be accessed at <https://webapps.dot.illinois.gov/UCP/ExternalSearch>. Your firm's name will appear in the Directory under the following commodity codes and specialties:

Commodity Codes:

NAICS 541330: CIVIL ENGINEERING SERVICES
NAICS 541330: CONSTRUCTION ENGINEERING SERVICES
NAICS 541330: ENGINEERING SERVICES

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Please direct all inquiries and any questions to this agency at **312-681-2601**.

Sincerely,

Senior Manager, Certification & Compliance Programs
Chicago Transit Authority
Phone: 312.681.2600
Email: diversity@transitchicago.com

This message was sent to: jean-alix.peralte@peralte-clark.com
Sent on: 5/9/2024 12:21:03 PM
System ReferenceID: 228299173

Business & Contact Information

| | |
|---------------|--|
| BUSINESS NAME | R.M. Chin & Associates, Inc., DBA NA |
| OWNER | Ms. Eileen Chin |
| ADDRESS | 500 W 18th Street Suite 200 Chicago, IL 60616 [map] |
| PHONE | 312-595-2000 |
| FAX | 312-644-0999 |
| EMAIL | EileenC@rmchin.com |

Certification Information

| | |
|--------------------------------|---|
| CERTIFYING AGENCY | City of Chicago |
| CERTIFICATION TYPE | DBE - Disadvantaged Business Enterprise |
| CERTIFICATION DATE | 5/7/2025 |
| RENEWAL DATE | 4/30/2026 |
| EXPIRATION DATE | 4/30/2026 |
| CERTIFIED BUSINESS DESCRIPTION | DBE NAICS Code(s): 237110 - Construction Management, Water and Sewer Line; Water and Sewage Treatment Plant 237130 - Construction Management, Power and Communication Transmission Line 237310 - Construction Management, Highway, Road, Street and Bridge 237990 - Construction Management, Dam; Mass Transit; Outdoor Recreation Facility; Tunnel 485113 - Bus and Other Motor Vehicle Transit Systems 485119 - Other Urban Transit Systems: Driverless Automatic Transit System 541330 - Engineering Services 541511 - Computer Software Analysis and Design Services, Custom 541512 - Computer Hardware and Software Consulting Services or Consultants 541519 - Software Installation Services, Computer 541611 - General Management and Strategic Planning Consulting Services 541820 - Public Relations Consulting Services ACDBE NAICS Code(s): 541511 - Computer Software Analysis and Design Services, Custom 541512 - Computer Hardware and Software Consulting Services or Consultants 541519 - Software Installation Services, Computer |

541611 - General Management and Strategic Planning Consulting Services
541820 - Public Relations Consulting Services

Commodity Codes

| Code | Description |
|--------------|--|
| NAICS 237110 | Construction management, water and sewage treatment plant |
| NAICS 237110 | Construction management, water and sewer line |
| NAICS 237130 | Construction management, power and communication transmission line |
| NAICS 237310 | Construction management, highway, road, street and bridge |
| NAICS 237990 | Construction management, dam |
| NAICS 237990 | Construction management, mass transit |
| NAICS 237990 | Construction management, outdoor recreation facility |
| NAICS 237990 | Construction management, tunnel |
| NAICS 485113 | Bus and Other Motor Vehicle Transit Systems |
| NAICS 485119 | Other Urban Transit Systems |
| NAICS 541330 | Engineering services |
| NAICS 541511 | Computer software analysis and design services, custom |
| NAICS 541512 | Computer hardware consulting services or consultants |
| NAICS 541512 | Computer software consulting services or consultants |
| NAICS 541519 | Software installation services, computer |
| NAICS 541611 | General management consulting services |
| NAICS 541611 | Strategic planning consulting services |
| NAICS 541820 | Public relations consulting services |

This profile was generated on 8/21/2025

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 Disadvantage Business Enterprise (DBE) as both prime and sub-contractors.
- B. **The County shall set contract-specific goals, based on the availability of DBEs that are certified to provide commodities or services specified in this solicitation document. The DBE 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 DBE Contract goals; or (ii) failing to include a Petition for Reduction/Waiver, which states that the goals for DBE 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 DBE participation goals may be achieved by the proposed Bidder or Proposer's status as an DBE; by the Bidder or Proposer's enforceable joint-venture agreement with one or more DBEs; by the Bidder or Proposer entering into one or more enforceable subcontracting agreements with one or more DBE; by the Bidder or Proposer establishing and carrying out an enforceable mentor/protégé agreement with one or more DBE; by the Bidder or Proposer actively engaging the Indirect Participation of one or more DBE 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 DBE Contract goals set forth in (B) above, as approved by the Office of Contract Compliance.
- D. 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, this Section shall control.
- E. A Consultant's failure to carry out its commitment regarding DBE 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 DBE 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 DBE firms; and (2) current Letters of Certification as an DBE. 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 DBE 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. DBE Utilization Plan

Each Bid or Proposal shall include a complete Utilization Plan, as set forth on Form 1 of the DBE 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 DBE firms. If the Bidder or Proposer submits a Bid or Proposal, and any of their subconsultants, suppliers or consultants, are certified DBE firms, they shall be identified as an DBE 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 DBE Compliance Forms, executed by each DBE and the Bidder or Proposer. The Letter(s) of Intent will be used to confirm that each DBE 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 DBE 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 DBE will provide goods or services directly related to the scope of the Contract. The box for Indirect participation shall be marked if the proposed DBE 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 DBE 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 DBE status, provided that Cook County's requirements for certification are met:

- County of Cook
 - City of Chicago
- Illinois Department of Transportation
PACE
METRA

The Contract Compliance Director may reject the certification of any DBE on the ground that it does not meet the policies and rules promulgated thereunder.

3. Joint Venture Affidavit

In the event a Bid or Proposal achieves DBE 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. 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 DBE 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 DBE 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 DBE GOALS

A. Granting or Denying a Reduction/Waiver Request.

1. The adequacy of the Good Faith Efforts to utilize DBE firms in a Bid or Proposal will be evaluated by the CCD, under the policies and rules promulgated thereunder, and in the "Petition for Reduction/Waiver of DBE Participation Goals" – Form 3 of the DBE 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 DBE 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 DBE firms in accordance with the applicable goals; (c) the degree to which the prices or prices required by any potential DBE are more than 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 DBE 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 DBE commitments specified in the relevant Utilization Plan, including but not limited to, terminating a DBE Contract, reducing the scope of the work to be performed by a DBE, or decreasing the price to a DBE, except as otherwise according to the policies and procedures promulgated thereunder.
- B. Where a Person listed under the Contract was previously considered to be a DBE but is later found not to be, or work is found not to be creditable toward the DBE 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 DBE as its replacement. Failure to obtain an DBE replacement within 30 business days of the Contract Compliance Director's written approval of the removal of a purported DBE may result in the termination of the Contract or the imposition of such remedy authorized by the CCD, 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 DBE.

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 afforded to the CCD 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. DBE firms shall be required to verify payments made by and received from the prime Consultant.

VII. EQUAL EMPLOYMENT OPPORTUNITY

Compliance with DBE 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:

Deputy Chief Procurement Officer
Business Enterprise Development
161 North Clark Street, Suite 2300
Chicago, Illinois 60602
Contract No. 2385-10198A
(312) 603-5502

EXHIBIT 6
Evidence of Insurance



ADDITIONAL REMARKS SCHEDULE

| | | | |
|--|------------------|--|--|
| AGENCY Marsh Risk & Insurance Services | | NAMED INSURED AECOM AECOM Technical Service, Inc. 130 East Randolph Street, Suite 2400 Chicago, IL 60601 | |
| POLICY NUMBER | | EFFECTIVE DATE: | |
| CARRIER | NAIC CODE | | |

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

⌋
 This insurance is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and where required by written contract with respect to the GL & AL coverages. Waiver of Subrogation is applicable where required by written contract with respect to GL, AL and WC. Please note AECOM complies with the General Liability, Auto Liability, Workers Compensation and Umbrella limit requirements. Required Umbrella limits sit above the primary limits increasing the total limits. Umbrella limits are shown as the difference between the total limits and the maximum primary limits. ⌋

⌋
 Cyber Liability, Carrier: Steadfast Insurance Company, NAIC #: 26387, Policy #: SPR106530307, Policy Term: 10/01/2024 - 10/01/2025, The Cyber policies evidenced above are subject to self-insured retentions for various perils covered.; Limit: \$1,000,000.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**DESIGNATED INSURED FOR
COVERED AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: AECOM

Endorsement Effective Date:

SCHEDULE

Name Of Person(s) Or Organization(s):

Any Person or organization against whom you have agreed to waive your right of recovery in a written contract, provided such contract was executed prior to the date of loss.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.

NON-CONTRIBUTORY ENDORSEMENT FOR ADDITIONAL INSURED

| | | | |
|---|----------------------------|---|-------------------------------|
| Named Insured AECOM | | | Endorsement Number 13 |
| Policy Symbol ISA | Policy Number H11370494 | Policy Period 04/01/2025 TO 04/01/2026 | Effective Date of Endorsement |
| Issued By (Name of Insurance Company) ACE American Insurance Company | | | |

Insert the policy number. The remainder of the information is to be completed only when this endorsement is issued subsequent to the preparation of the policy.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO COVERAGE FORM MOTOR CARRIER COVERAGE FORM AUTO DEALERS COVERAGE FORM

Schedule

Organization

Any additional insured with whom you have agreed to provide such non-contributory insurance, pursuant to and as required under a written contract executed prior to the date of loss.

Additional Insured Endorsement

DA9U74c

(If no information is filled in, the schedule shall read: "All persons or entities added as additional insureds through an endorsement with the term "Additional Insured" in the title)

For organizations that are listed in the Schedule above that are also an Additional Insured under an endorsement attached to this policy, the following is added to the Other Insurance Condition under General Conditions:

If other insurance is available to an insured we cover under any of the endorsements listed or described above (the "Additional Insured") for a loss we cover under this policy, this insurance will apply to such loss on a primary basis and we will not seek contribution from the other insurance available to the Additional Insured.

Authorized Representative

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

| |
|--|
| <p>Named Insured: AECOM</p> <p>Endorsement Effective Date:</p> |
|--|

SCHEDULE

| |
|--|
| <p>Name(s) Of Person(s) Or Organization(s): Any Person or organization against whom you have agreed to waive your right of recovery in a written contract, provided such contract was executed prior to the date of loss.</p> |
|--|

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

**COMMERCIAL GENERAL LIABILITY
CG 20 10 12 19**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

| Name Of Additional Insured Person(s) Or Organization(s) | Location(s) Of Covered Operations |
|---|--|
| Any Owner, Lessee or Contractor whom you have agreed to include as an additional insured under a written contract, provided such contract was executed prior to the date of loss. | All locations where you are performing ongoing operations for such additional insured pursuant to any such written contract. |
| Information required to complete this Schedule, if not shown above, will be shown in the Declarations. | |

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we

will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

**COMMERCIAL GENERAL LIABILITY
CG 20 37 12 19**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

| Name Of Additional Insured Person(s) Or Organization(s) | Location And Description Of Completed Operations |
|---|--|
| Any Owner, Lessee or Contractor whom you have agreed to include as an additional insured under a written contract, provided such contract was executed prior to the date of loss. | All locations where you are performing ongoing operations for such additional insured pursuant to any such written contract. |

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
 2. Available under the applicable limits of insurance;
- whichever is less.

This endorsement shall not increase the applicable limits of insurance.

**COMMERCIAL GENERAL LIABILITY
CG 24 17 10 01**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CONTRACTUAL LIABILITY – RAILROADS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

| | |
|--|--|
| <p>Scheduled Railroad: Any railroad (RR) which you have agreed to indemnify pursuant to a written contract entered into with such RR that was signed prior to loss, in connection with an easement granted by such RR to you.</p> | <p>Designated Job Site: All job sites where you are operating under an easement granted by a scheduled RR, and where you have agreed to indemnify such RR for your operations pursuant to such easement under a written contract entered into with such RR prior to loss.</p> |
|--|--|

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

With respect to operations performed for, or affecting, a Scheduled Railroad at a Designated Job Site, the definition of "insured contract" in the Definitions section is replaced by the following:

- 9. "Insured Contract" means:**
- a.** A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire to premises while rented to you or temporarily occupied by you with permission of the owner is not an "insured contract";
 - b.** A sidetrack agreement;
 - c.** Any easement or license agreement;
 - d.** An obligation, as required by ordinance, to indemnify a municipality, except in connection with work for a municipality;
 - e.** An elevator maintenance agreement;
 - f.** That part of any other contract or agreement pertaining to your business (including an indemnification of a municipality in connection with work performed for a municipality) under which you assume the tort liability of another party to pay for "bodily injury" or "property damage" to a third person or organization. Tort liability means a liability that would be imposed by law in the absence of any contract or agreement.

Paragraph **f.** does not include that part of any contract or agreement:

- (1)** That indemnifies an architect, engineer or surveyor for injury or damage arising out of:
 - (a)** Preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
 - (b)** Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage;
- (2)** Under which the insured, if an architect, engineer or surveyor, assumes liability for an injury or damage arising out of the insured's rendering or failure to render professional services, including those listed in Paragraph **(1)** above and supervisory, inspection, architectural or engineering activities.

**COMMERCIAL GENERAL LIABILITY
CG 20 01 12 19**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY –
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

- COMMERCIAL GENERAL LIABILITY COVERAGE PART
- LIQUOR LIABILITY COVERAGE PART
- PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and

- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

**COMMERCIAL GENERAL LIABILITY
CG 24 04 12 19**

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

- COMMERCIAL GENERAL LIABILITY COVERAGE PART
- ELECTRONIC DATA LIABILITY COVERAGE PART
- LIQUOR LIABILITY COVERAGE PART
- POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
- POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
- PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
- RAILROAD PROTECTIVE LIABILITY COVERAGE PART
- UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

SCHEDULE

| |
|---|
| <p>Name Of Person(s) Or Organization(s): Any person or organization against whom you have agreed to waive your right of recovery in a written contract, provided such contract was executed prior to the date of loss.</p> |
|---|

| |
|---|
| <p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p> |
|---|

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

Workers' Compensation and Employers' Liability Policy

| | |
|--|--|
| Named Insured AECOM 999 W. TOWN & COUNTRY ROAD THIRD FL ORANGE CA 92868 | Endorsement Number Policy Number Symbol: WLR Number: C72792300 |
| Policy Period 04-01-2025 TO 04-01-2026 | Effective Date of Endorsement 04-01-2025 |
| Issued By (Name of Insurance Company) ACE AMERICAN INSURANCE COMPANY | |
| Insert the policy number. The remainder of the information is to be completed only when this endorsement is issued subsequent to the preparation of the policy. This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated. | |

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

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

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

Schedule

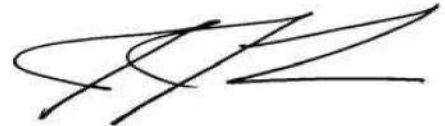
ANY PERSON OR ORGANIZATION AGAINST WHOM YOU HAVE AGREED TO WAIVE YOUR RIGHT OF RECOVERY IN A WRITTEN CONTRACT, PROVIDED SUCH CONTRACT WAS EXECUTED PRIOR TO THE DATE OF LOSS.

For the states of CA, UT, TX, refer to state specific endorsements.

This endorsement is not applicable in KY, NH, and NJ.

The endorsement does not apply to policies in Missouri where the employer is in the construction group of code classifications. According to Section 287.150(6) of the Missouri statutes, a contractual provision purporting to waive subrogation rights against public policy and void where one party to the contract is an employer in the construction group of code classifications.

For Kansas, use of this endorsement is limited by the Kansas Fairness in Private Construction Contract Act(K.S.A. 16-1801 through 16-1807 and any amendments thereto) and the Kansas Fairness in Public Construction Contract Act(K.S.A 16-1901 through 16-1908 and any amendments thereto). According to the Acts a provision in a contract for private or public construction purporting to waive subrogation rights for losses or claims covered or paid by liability or workers compensation insurance shall be against public policy and shall be void and unenforceable except that, subject to the Acts, a contract may require waiver of subrogation for losses or claims paid by a consolidated or wrap-up insurance program.



Authorized Agent

EXHIBIT 7

Identification of Subconsultants

**Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form**

| | |
|--------------------------|------------------|
| OCPO ONLY: | |
| <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.: 2485-04041A | Date: 08/13/2025 |
| Total Bid or Proposal Amount: \$3,889,228 | Contract Title: Preliminary Engineering Services, 1st Avenue and Union Pacific Grade Separation (CREATE GS12) |
| Contractor: AECOM Technical Services, Inc. | Subcontractor/Supplier/ Subconsultant to be added or substitute: GSG Consultants, Inc. |
| Authorized Contact for Contractor: Timothy Whalen | Authorized Contact for Subcontractor/Supplier/ Subconsultant: Ala E Sassila, Ph.D., PE Principal |
| Email Address (Contractor): tim.whalen@aecom.com | Email Address (Subcontractor): asassila@gsg-consultants.com |
| Company Address (Contractor): 130 E. Randolph, Suite 2400 | Company Address (Subcontractor): 735 Remington Road |
| City, State and Zip (Contractor): Chicago, IL 60601 | City, State and Zip (Subcontractor): Schaumburg, IL 60173 |
| Telephone and Fax (Contractor): T:312-373-6736 F: 312-373-6800 | Telephone and Fax (Subcontractor): T: 630.994.2610 |
| Estimated Start and Completion Dates (Contractor): 12/01/2025 | Estimated Start and Completion Dates (Subcontractor): 11/30/2028 |

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> |
|---|--|
| GSG will perform geotechnical investigation, environmental drilling and support external coordination with railroads. | \$469,358 |

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.**

AECOM Technical Services, Inc.

Contractor _____
 Timothy Whalen, PE
 Name _____
 Vice President
 Title _____

 Prime Contractor Signature _____
 Date 8/13/2025

**Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form**

| | |
|--------------------------|------------------|
| OCPO ONLY: | |
| <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.: 2485-04041A | Date: 08/13/2025 |
| Total Bid or Proposal Amount: \$3,889,228 | Contract Title: Preliminary Engineering Services, 1st Avenue and Union Pacific Grade Separation (CREATE GS12) |
| Contractor: AECOM Technical Services, Inc. | Subcontractor/Supplier/ Subconsultant to be added or substitute: Peralte-Clark, LLC |
| Authorized Contact for Contractor: Timothy Whalen | Authorized Contact for Subcontractor/Supplier/ Subconsultant: Jean-Alix Peralte, PE, PTOE, President |
| Email Address (Contractor): tim.whalen@aecom.com | Email Address (Subcontractor): jean-alix.peralte@peralte-clark.com |
| Company Address (Contractor): 130 E. Randolph, Suite 2400 | Company Address (Subcontractor): 44 South Vail Avenue, Suite 201 |
| City, State and Zip (Contractor): Chicago, IL 60601 | City, State and Zip (Subcontractor): Arlington Heights, IL 60005 |
| Telephone and Fax (Contractor): T:312-373-6736 F: 312-373-6800 | Telephone and Fax (Subcontractor): T: 847.485-8069 |
| Estimated Start and Completion Dates (Contractor): 12/01/2025 | Estimated Start and Completion Dates (Subcontractor): 11/30/2028 |

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

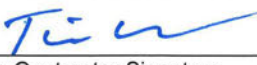
| <u>Description of Services or Supplies</u> | <u>Total Price of Subcontract for Services or Supplies</u> |
|--|--|
| Peralte-Clark will support environmental/NEPA work and agency coordination, and support rail engineering | \$351,871 |

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.**


AECOM Technical Services, Inc.

Contractor
 Timothy Whalen, PE

Name
 Vice President

Title 

Prime Contractor Signature

Date 

**Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form**

| | |
|--------------------------|------------------|
| OCPO ONLY: | |
| <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.: 2485-04041A | Date: 08/13/2025 |
| Total Bid or Proposal Amount: \$3,889,228 | Contract Title: Preliminary Engineering Services, 1st Avenue and Union Pacific Grade Separation (CREATE GS12) |
| Contractor: AECOM Technical Services, Inc. | Subcontractor/Supplier/ Subconsultant to be added or substitute: Rubinos & Mesia Engineers, Inc. |
| Authorized Contact for Contractor: Timothy Whalen | Authorized Contact for Subcontractor/Supplier/ Subconsultant: Mohsen Farahany PE SE |
| Email Address (Contractor): tim.whalen@aecom.com | Email Address (Subcontractor): MFarahany@RME-i.com |
| Company Address (Contractor): 130 E. Randolph, Suite 2400 | Company Address (Subcontractor): 200 South Michigan Ave, Suite 1500 |
| City, State and Zip (Contractor): Chicago, IL 60601 | City, State and Zip (Subcontractor): Chicago, IL 60604-2482 |
| Telephone and Fax (Contractor): T:312-373-6736 F: 312-373-6800 | Telephone and Fax (Subcontractor): T: 312.870.6600 F: 312.663.1473 |
| Estimated Start and Completion Dates (Contractor): 12/01/2025 | Estimated Start and Completion Dates (Subcontractor): 11/30/2028 |

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> |
|---|--|
| Preliminary Engineering Services Rubinos & Mesia Engineers will support structural engineering | \$237,987 |

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.**

AECOM Technical Services, Inc.

Contractor
 Timothy Whalen, PE
 Name
 Vice President
 Title

 Prime Contractor Signature
 Date
 8/13/2025

**Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form**

| | |
|--------------------------|------------------|
| OCPO ONLY: | |
| <input type="checkbox"/> | Disqualification |
| <input type="checkbox"/> | Check Complete |

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| Bid/RFP/RFQ No.: 2485-04041A | Date: 08/13/2025 |
| Total Bid or Proposal Amount: \$3,889,228 | Contract Title: Preliminary Engineering Services, 1st Avenue and Union Pacific Grade Separation (CREATE GS12) |
| Contractor: AECOM Technical Services, Inc. | Subcontractor/Supplier/ Subconsultant to be added or substitute: R.M. Chin & Associates, Inc. |
| Authorized Contact for Contractor: Timothy Whalen | Authorized Contact for Subcontractor/Supplier/ Subconsultant: Eileen Chin |
| Email Address (Contractor): tim.whalen@aecom.com | Email Address (Subcontractor): eileenc@rmchin.com |
| Company Address (Contractor): 130 E. Randolph, Suite 2400 | Company Address (Subcontractor): 500 W. 18th Street, Suite 200 |
| City, State and Zip (Contractor): Chicago, IL 60601 | City, State and Zip (Subcontractor): Chicago, IL 60616 |
| Telephone and Fax (Contractor): T:312-373-6736 F: 312-373-6800 | Telephone and Fax (Subcontractor): T: 312.595.2000 F: 312.644.0999 |
| Estimated Start and Completion Dates (Contractor): 12/01/2025 | Estimated Start and Completion Dates (Subcontractor): 11/30/2028 |

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> |
|---|--|
| RM Chin will lead public engagement efforts using a broad range of communication platforms to reach diverse stakeholders. | \$249,797 |

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.**

AECOM Technical Services, Inc.

 Contractor
 Timothy Whalen, PE

 Name
 Vice President

 Title


 Prime Contractor Signature

 Date
 8/13/2025

**Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form**

| | |
|--------------------------|------------------|
| OCPO ONLY: | |
| <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.

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|--|---|
| Bid/RFP/RFQ No.: 2485-04041A | Date: 08/13/2025 |
| Total Bid or Proposal Amount: \$3,889,228 | Contract Title: Preliminary Engineering Services, 1st Avenue and Union Pacific Grade Separation (CREATE GS12) |
| Contractor: AECOM Technical Services, Inc. | Subcontractor/Supplier/Supplier added or substitute: Sanchez & Associates, P.C. |
| Authorized Contact for Contractor: Timothy Whalen | Authorized Contact for Subcontractor/Supplier/ Subconsultant: Gerardo P. Sanchez, P.L.S., President |
| Email Address (Contractor): tim.whalen@aecom.com | Email Address (Subcontractor): gpsanchez@sanchez-pc.com |
| Company Address (Contractor): 130 E. Randolph, Suite 2400 | Company Address (Subcontractor): 180 Crossen Ave |
| City, State and Zip (Contractor): Chicago, IL 60601 | City, State and Zip (Subcontractor): Elk Grove Village, IL. 60007 |
| Telephone and Fax (Contractor): T:312-373-6736 F: 312-373-6800 | Telephone and Fax (Subcontractor): T: 773.232.5838 |
| Estimated Start and Completion Dates (Contractor): 12/01/2025 | Estimated Start and Completion Dates (Subcontractor): 11/30/2028 |

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> |
|---|--|
| Sanchez & Associates will provide professional topographic survey services. | \$246,728 |

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.**

AECOM Technical Services, Inc.

 Contractor
 Timothy Whalen, PE

 Name
 Vice President

 Title


 Prime Contractor Signature

 Date
 8/13/2025

EXHIBIT 8

Economic Disclosure Statement and Execution Document

**COOK COUNTY
ECONOMIC DISCLOSURE STATEMENT
AND EXECUTION DOCUMENT
INDEX**

| Section | Description | Pages |
|----------------|--|--------------|
| 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.

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.

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.

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 |
| Urban Strategies (Terry Teale), 212 West Washington, Chicago, IL 60602 | |

Public Sector Solution LLC (Jacob Miller), 611 South Wells Street, Unit 1803, Chicago, IL 60607

While no lobbyists made contacts on behalf of the Vendor with respect to this contract, we would like to inform you that we occasionally use the services of Terry Teele of Urban Strategies and Jacob Miller of Public Sector Solutions, who facilitate meetings with our clients to market our services. Neither Terry Teele nor Jacob Miller are hired for any specific transaction nor receive any success fee. We are making the disclosure in anticipation that Mr. Teele and Mr. Miller may be involved in the later stages of this pursuit

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:

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): _____

(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:

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 AECOM Technical Services, Inc.

D/B/A: _____ FEIN # Only: 95-2661922

Street Address: 130 E. Randolph, Suite 2400

City: Chicago State: IL Zip Code: 60601

Phone No.: 312-373-7700 Fax Number: 312-373-6800 Email: tim.whalen@aecom.com

Cook County Business Registration Number: _____
(Sole Proprietor, Joint Venture Partnership)

Corporate File Number (if applicable): _____

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 |
|---|---------|---|
| The Earth Technology Corporation (USA) 303 E. Grand Avenue, 9th Floor, Los Angeles, CA 90071 (100%) | | |

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 |
|-----------------------|-------------------|---------------------|
| N/A | | |

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 |
|--|---------|-----------------------------------|--------------|
| The Earth Technology Corporation (USA) 303 E. Grand Avenue, 9th Floor, Los Angeles, CA 90071 (100%) Immediate Parent Company | | | |
| URS Global Holding, Inc., 300 South Grand Ave., Los Angeles, CA 90071 (100%) Parent Company | | | |
| URS Global Holding, Inc., 300 South Grand Ave., Los Angeles, CA 90071 (100%) Parent Company | | | |
| AECOM Global II, LLC, 300 South Grand Ave., Los Angeles, CA 90071 (100%) Parent Company | | | |
| AECOM, 13355 Noel Road, Suite 400, Dallas, TX 75240 (100%) Ultimate Parent Company | | | |

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 |
|-------------------|--|--|----------------|
| Karl Jensen | 300 South Grand Avenue, Lost Angeles, CA 90071 | CEO | Continual |
| Matt Crane | 300 South Grand Avenue, Lost Angeles, CA 90071 | President | Continual |
| Amond Tatevossian | 300 South Grand Avenue, Lost Angeles, CA 90071 | Secretary | Continual |
| Allison Hall | 300 South Grand Avenue, Lost Angeles, CA 90071 | CFO/Treasurer | Continual |

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

Timothy Whalen
Name of Authorized Applicant/Holder Representative (please print or type)

Tim
Signature

tim.whalen@aecom.com
E-mail address

Vice President
Title

8/13/2025
Date

312.373.6736
Phone Number

Subscribed to and sworn before me
this 13 day of Aug., 2025.

X Melodie Cole
Notary Public Signature

My commission expires:



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**

A. PERSON DOING OR SEEKING TO DO BUSINESS WITH THE COUNTY

Name of Person Doing Business with the County: AECOM Technical Services, Inc.

Address of Person Doing Business with the County: 130 E. Randolph, Suite 2400, Chicago IL. 60601

Phone number of Person Doing Business with the County: 312/.373.6736

Email address of Person Doing Business with the County: tim.whalen@aecom.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:

Timothy Whalen, Vice President 312.373.6736 tim.whalen@aecom.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: _____

2485-04041A

The aggregate dollar value of the business you are doing or seeking to do with the County: \$ \$3,889,228

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, Lillian.lee@cookcountyil.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@cookcountyil.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* |
|---|--|--|----------------------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

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* |
|--|--|--|----------------------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| 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* |
|--|--|--|----------------------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| 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* |
|---|--|--|----------------------------------|
|---|--|--|----------------------------------|

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| 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* |
|--|--|--|----------------------------------|
|--|--|--|----------------------------------|


| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| 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* |
|--|--|--|----------------------------------|
|--|--|--|----------------------------------|

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

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

8/13/2025

 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: 2485-04041A

County Using Agency (requesting Procurement): Department of Transportation Highways

II. Person/Substantial Owner Information:

Person (Corporate Entity Name): AECOM Technical Services, Inc.

Substantial Owner Complete Name: _____

FEIN# 95-2661922



E-mail address: tim.whalen@aecom.com

Street Address: 130 East Randolph, Suite 2400

City: Chicago State: IL Zip: 60601



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**.

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

AECOM Technical Services, Inc.
Corporation's Name
312.373.6736
Telephone
[Signature]
Secretary Signature (Authorized Signatory)

Timothy Whalen, Vice President *[Signature]*
~~President's~~ Printed Name and Signature (Authorized Signatory)
tim.whelen@aecom.com
Email
August 13, 2025
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
13 day of Aug, 20 25
[Signature]
Notary Public Signature

My commission expires:
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.



AECOM Technical Services, Inc. 213.593.8100 tel
300 South Grand Avenue 213.593.8730 fax
9th Floor
Los Angeles, CA 90071
www.aecom.com

SECRETARY’S CERTIFICATE

**AECOM TECHNICAL SERVICES, INC.
a California corporation**

I, Armond Tatevossian, DO HEREBY CERTIFY that I am a duly elected and acting Secretary of AECOM Technical Services, Inc., a corporation organized under the laws of the State of California (“ATS” or “Corporation”), and the keeper of its records and corporate seal.

I FURTHER CERTIFY that the Corporation’s principal place of business is 300 South Grand Avenue, 9th Floor, Los Angeles, California 90071.

I FURTHER CERTIFY that pursuant to the Written Consent of the Board of Directors of ATS, adopted on July 3, 2024, and attached hereto as Exhibit A, Timothy Whalen has signatory authority for ATS and is authorized to execute contracts and other documents on behalf of the Corporation.

IN WITNESS WHEREOF, I have subscribed my name and affixed the seal of the Corporation, this 8th day of October, 2024.

Armond Tatevossian
Secretary



**UNANIMOUS ACTION OF THE BOARD OF DIRECTORS
OF
AECOM TECHNICAL SERVICES, INC.**

The undersigned, being all the members of the Board of Directors of AECOM TECHNICAL SERVICES, INC. (the "Corporation"), a California corporation, hereby take the following action:

RESOLVED: That, "the following U.S. based persons are designated with authority by the Board of Directors to execute contracts and other legal documents on behalf of the Corporation within the boundaries of specific Regions and Business Lines as noted and effective as of the dates set forth below:"

Effective July 3, 2024:

| Last Name | First Name | Region | Business Line |
|-----------|------------|--------|----------------|
| Whalen | Timothy | West | Transportation |


IN TESTIMONY WHEREOF, all the Directors have hereunto set their hands this 3rd day of July, 2024.



Allison Hall



Matthew Crane



Karl Jensen



Armond Tatevossian

**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 Sarrafian
Digitally signed by Raffi Sarrafian
Date: 2026.01.07 08:29:50 -06'00'

Cook County Chief Procurement Officer

Date

APPROVED AS TO FORM:

Brian Tracy

Assistant State's Attorney
(Required on contracts over \$1,000,000)

11/20/2025

Date

CONTRACT TERM & AMOUNT

2485-04041A

Contract #

December 1, 2025 through November 30, 2028 **N/A**

Original Contract Term Renewal Options (If Applicable)

\$3,889,228.00

Contract Amount

November 20, 2025

Cook County Board Approval Date (If Applicable)

**APPROVED BY THE BOARD OF
COOK COUNTY COMMISSIONERS
NOV 20 2025**

COM _____



Board of Commissioners of Cook County

118 North Clark Street
Chicago, IL

Legislation Details (With Text)

| | | | | | |
|----------------------|---|----------------------|---|--------------|--|
| File #: | 25-3819 | Version: | 1 | Name: | Contract for Phase I Study for 1st Avenue/Union Pacific Grade Separation, CREATE GS12 Contract no. 2485-04041A |
| Type: | Contract (Highway) | Status: | | | Approved |
| File created: | 9/12/2025 | In control: | | | Transportation Committee |
| On agenda: | 10/23/2025 | Final action: | | | 11/20/2025 |
| Title: | PROPOSED CONTRACT (TRANSPORTATION AND HIGHWAYS) | | | | |

Department(s): Transportation and Highways

Vendor: AECOM Technical Services, Inc., Chicago, Illinois

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

Good(s) or Service(s): Preliminary Engineering Services and Preparation of a Phase I Study Grade Separation (CREATE GS 12)

Location: 1st Avenue at Union Pacific Railroad

Section: 24-1STUP-00-GS

Contract Value: \$3,889,228.00

Contract period: 12/1/2025 - 11/30/2028

Contract Utilization: The Vendor has met the Minority-and Women-owned Business Enterprise Ordinance Via: Direct Participation The Contract Specific Goal set on this Contract is Zero.

Potential Fiscal Year Budget Impact: FY 2026 \$1,283,500.00; FY 2027 \$1,322,228.00; FY 2028 \$1,283,500.00

Accounts: Surface Transportation Program (STP): 11900.1500.54540.521538

Contract Number(s): 2485-04041A

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

This contract consists of the preparation of a full preliminary engineering and environmental (Phase I) study (through design approval) for a grade separation of 1st Avenue where it crosses the Union Pacific Railroad's tracks located in the Village of Maywood along with preparation of land use and urban design recommendations for the neighborhood immediately surrounding the project for each alternative to be carried forward.

The Phase I study will be completed in accordance with the respective requirements from Cook County and the Illinois Department of Transportation (IDOT). The Phase I study is federally funded by the Surface Transportation Program (STP) Shared funds and therefore, the selected consultant must perform these services in a manner which fulfills all criteria related to standards, codes, and procedures for federally funded projects.

This contract is awarded pursuant to a publicly advertised Request for Qualifications (RFQ) in

accordance with the Cook County Procurement Code. AECOM Technical Services, Inc., was selected based on established evaluation criteria.

Sponsors: FRANK J. AGUILAR, ALMA E. ANAYA, SCOTT R. BRITTON, JOHN P. DALEY, BRIDGET DEGNEN, BRIDGET GAINER, DR. KISHA E. McCASKILL, DONNA MILLER, STANLEY MOORE, JOSINA MORITA, KEVIN B. MORRISON, SEAN M. MORRISON, MICHAEL SCOTT JR., TARA S. STAMPS, MAGGIE TREVOR, JESSICA VÁSQUEZ

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

Code sections:

Attachments:

| Date | Ver. | Action By | Action | Result |
|------------|------|--------------------------|--------------------------------|--------|
| 11/20/2025 | 1 | Board of Commissioners | approve | Pass |
| 11/10/2025 | 1 | Transportation Committee | recommend for approval | Pass |
| 10/23/2025 | 1 | Board of Commissioners | refer as amended in the errata | Pass |

PROPOSED CONTRACT (TRANSPORTATION AND HIGHWAYS)

Department(s): Transportation and Highways

Vendor: AECOM Technical Services, Inc., Chicago, Illinois

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

Good(s) or Service(s): Preliminary Engineering Services and Preparation of a Phase I Study Grade Separation (CREATE GS 12)

Location: 1st Avenue at Union Pacific Railroad

Section: 24-1STUP-00-GS

Contract Value: \$3,889,228.00

Contract period: 12/1/2025 - 11/30/2028

Contract Utilization: ~~The Vendor has met the Minority and Women-owned Business Enterprise Ordinance Via: Direct Participation~~ The Contract Specific Goal set on this Contract is Zero.

Potential Fiscal Year Budget Impact: FY 2026 \$1,283,500.00; FY 2027 \$1,322,228.00; FY 2028 \$1,283,500.00

Accounts: Surface Transportation Program (STP): 11900.1500.54540.521538

Contract Number(s): 2485-04041A

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

This contract consists of the preparation of a full preliminary engineering and environmental (Phase I) study (through design approval) for a grade separation of 1st Avenue where it crosses the Union Pacific Railroad's tracks located in the Village of Maywood along with preparation of land use and urban design recommendations for the neighborhood immediately surrounding the project for each alternative to be carried forward.

The Phase I study will be completed in accordance with the respective requirements from Cook County and the Illinois

Department of Transportation (IDOT). The Phase I study is federally funded by the Surface Transportation Program (STP) Shared funds and therefore, the selected consultant must perform these services in a manner which fulfills all criteria related to standards, codes, and procedures for federally funded projects.

This contract is awarded pursuant to a publicly advertised Request for Qualifications (RFQ) in accordance with the Cook County Procurement Code. AECOM Technical Services, Inc., was selected based on established evaluation criteria.