

CITY HALL
215 S. MARTIN LUTHER KING JR., BLVD.,
SUITE 400
SOUTH BEND, INDIANA 46601-1830



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CITY OF SOUTH BEND JAMES MUELLER, MAYOR
BOARD OF PUBLIC WORKS

October 28, 2025

Ms. Sherly George, P.E.
SJCA, Inc.
9102 N. Meridian Street
Indianapolis, IN 46260
sgeorge@sjcainc.com

RE: Professional Services Agreement

Dear Ms. George:

At its October 28, 2025 meeting, the Board of Public Works approved the above referenced agreement for the Irish Hills Sidewalk in the amount of \$96,176.

Enclosed please find the original of the agreement for your signature. Please sign and return the agreement to hhorvath@southbendin.gov. Please retain a copy for your records.

If you have any further questions, please call this office at (574) 235-9251.

Sincerely,

/s/ Hillary Horvath

Hillary Horvath, Clerk

Enclosures
HH

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the Controlling Laws and Regulations.

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE



and

Issued and Published Jointly by



AMERICAN COUNCIL OF ENGINEERING COMPANIES

ASSOCIATED GENERAL CONTRACTORS OF AMERICA

AMERICAN SOCIETY OF CIVIL ENGINEERS

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NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

This Agreement has been prepared for use with the Standard General Conditions of the Construction Contract (EJCDC C-700, 2007 Edition). Their provisions are interrelated, and a change in one may necessitate a change in the other. For guidance on the completion and use of this Agreement, see EJCDC User's Guide to the Owner-Engineer Agreement, EJCDC E-001, 2009 Edition.

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AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of October 28 , 2025 ("Effective Date") between

Board of Public Works, City of South Bend, Indiana ("Owner") and

SJCA Inc. ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows:

Ireland Road sidewalk extension ("Project").

Engineer's services under this Agreement are generally identified as follows:

survey, drainage, geotechnical investigation, and sidewalk extension on Ireland Road to Irish Hills Apartments.

Owner and Engineer further agree as follows:

ARTICLE 1 – SERVICES OF ENGINEER

1.01 Scope

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 – OWNER'S RESPONSIBILITIES

2.01 General

- A. Owner shall have the responsibilities set forth herein and in Exhibit B.
- B. Owner shall pay Engineer as set forth in Exhibit C.

- C. Owner shall be responsible for, and Engineer may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement.

ARTICLE 3 – SCHEDULE FOR RENDERING SERVICES

3.01 *Commencement*

- A. Engineer is authorized to begin rendering services as of the Effective Date.

3.02 *Time for Completion*

- A. Engineer shall complete its obligations within a reasonable time. Specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided in Exhibit A, and are hereby agreed to be reasonable.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- C. If Owner authorizes changes in the scope, extent, or character of the Project, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- D. Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services.
- E. If Engineer fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then Owner shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

ARTICLE 4 – INVOICES AND PAYMENTS

4.01 *Invoices*

- A. *Preparation and Submittal of Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and the terms of Exhibit C. Engineer shall submit its invoices to Owner on a monthly basis. Invoices are due and payable within 35 days of receipt.

4.02 *Payments*

- A. *Application to Interest and Principal:* Payment will be credited first to any interest owed to Engineer and then to principal.
- B. *Failure to Pay:* If Owner fails to make any payment due Engineer for services and expenses within 30 days after receipt of Engineer's invoice, then:

1. ~~amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and~~
 2. Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Owner has paid in full all **non-disputed** amounts due for services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- C. *Disputed Invoices:* If Owner contests an invoice, Owner shall promptly advise Engineer of the specific basis for doing so, may withhold only that portion so contested, and must pay the undisputed portion.
- D. *Legislative Actions:* If after the Effective Date any governmental entity takes a legislative action that imposes taxes, fees, or charges on Engineer's services or compensation under this Agreement, then the Engineer may invoice such new taxes, fees, or charges as a Reimbursable Expense to which a factor of 1.0 shall be applied. Owner shall reimburse Engineer for the cost of such invoiced new taxes, fees, and charges; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the terms of Exhibit C.

ARTICLE 5 – OPINIONS OF COST

5.01 *Opinions of Probable Construction Cost*

- A. Engineer's opinions of probable Construction Cost are to be made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, Owner must employ an independent cost estimator as provided in Exhibit B.

5.02 *Designing to Construction Cost Limit*

- A. If a Construction Cost limit is established between Owner and Engineer, such Construction Cost limit and a statement of Engineer's rights and responsibilities with respect thereto will be specifically set forth in Exhibit F, "Construction Cost Limit," to this Agreement.

5.03 *Opinions of Total Project Costs*

- A. The services, if any, of Engineer with respect to Total Project Costs shall be limited to assisting the Owner in collating the various cost categories which comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

ARTICLE 6 – GENERAL CONSIDERATIONS

6.01 *Standards of Performance*

- A. *Standard of Care:* The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with Engineer's services.
- B. *Technical Accuracy:* Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.
- C. *Consultants:* Engineer may employ such Consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. *Reliance on Others:* Subject to the standard of care set forth in Paragraph 6.01.A, Engineer and its Consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- E. *Compliance with Laws and Regulations, and Policies and Procedures:*
 - 1. Engineer and Owner shall comply with applicable Laws and regulations.
 - 2. Prior to the Effective Date, Owner provided to Engineer in writing any and all policies and procedures of Owner applicable to Engineer's performance of services under this Agreement. provided to Engineer in writing. Engineer shall comply with such policies and procedures, subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
 - 3. This Agreement is based on Laws and Regulations and Owner-provided written policies and procedures as of the Effective Date. Changes after the Effective Date to these Laws and Regulations, or to Owner-provided written policies and procedures, may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation.
- F. Engineer shall not be required to sign any documents, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such documents.
- G. The general conditions for any construction contract documents prepared hereunder are to be the "Standard General Conditions of the Construction Contract" as prepared by the Engineers Joint

Contract Documents Committee (EJCDC C-700, 2007 Edition) unless both parties mutually agree to use other general conditions by specific reference in Exhibit J.

- H. Engineer shall not at any time supervise, direct, control, or have authority over any contractor work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a contractor to comply with Laws and Regulations applicable to such contractor's furnishing and performing of its work.
- I. Engineer neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform the Work in accordance with the Contract Documents.
- J. Engineer shall not provide or have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- K. Engineer shall not be responsible for the acts or omissions of any Contractor, Subcontractor, or Supplier, or of any of their agents or employees or of any other persons (except Engineer's own agents, employees, and Consultants) at the Site or otherwise furnishing or performing any Work; or for any decision made regarding the Contract Documents, or any application, interpretation, or clarification, of the Contract Documents, other than those made by Engineer.
- L. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

6.02 *Design Without Construction Phase Services*

- A. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A, Paragraph A1.05. With the exception of such expressly required services, Engineer shall have no design, Shop Drawing review, or other obligations during construction and Owner assumes all responsibility for the application and interpretation of the Contract Documents, review and response to Contractor claims, contract administration, processing Change Orders, revisions to the Contract Documents during construction, construction surety bonding and insurance requirements, construction observation and review, review of payment applications, and all other necessary Construction Phase engineering and professional services. Owner waives all claims against the Engineer that may be connected in any way to Construction Phase engineering or professional services except for those services that are expressly required of Engineer in Exhibit A, Paragraph A1.05.

6.03 *Use of Documents*

- A. **The Owner acknowledges the Engineer's construction documents, including all electronic files, as instruments of professional services. Nevertheless, the final construction documents, including all electronic files, prepared under this agreement shall become the property of the Owner upon completion of services and payment in full of all monies due to the Engineer. The Owner shall not reuse or make any modification to the construction documents without the prior written authorization of the Engineer.** ~~All Documents are instruments of service in respect~~

~~to this Project, and Engineer shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the Engineer) whether or not the Project is completed. Owner shall not rely in any way on any Document unless it is in printed form, signed or sealed by the Engineer or one of its Consultants.~~

- B. Either party to this Agreement may rely that data or information set forth on paper (also known as hard copies) that the party receives from the other party by mail, hand delivery, or facsimile, are the items that the other party intended to send. Files in electronic media format of text, data, graphics, or other types that are furnished by one party to the other are furnished only for convenience, not reliance by the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern. If the parties agree to other electronic transmittal procedures, such are set forth in Exhibit J.
- C. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any transmittal errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files.
- D. When transferring documents in electronic media format, the transferring party makes no representations as to long-term compatibility, usability, or readability of such documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the documents' creator.
- E. Owner may make and retain copies of Documents for information and reference in connection with use on the Project by Owner. Engineer grants Owner a limited license to use the Documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by Engineer of full payment for all services relating to preparation of the Documents and subject to the following limitations: (1) Owner acknowledges that such Documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer; (2) any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and Consultants; (3) Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the Documents without written verification, completion, or adaptation by Engineer; and (4) such limited license to Owner shall not create any rights in third parties.
- F. If Engineer at Owner's request verifies the suitability of the Documents, completes them, or adapts them for extensions of the Project or for any other purpose, then Owner shall compensate Engineer at rates or in an amount to be agreed upon by Owner and Engineer.
- G. **At completion of any survey services and upon payment of monies due the Engineer for those services, the Engineer shall provide the owner with all survey data and drawings, upon which it will become the property of the Owner.**

- H. **At completion of any traffic study services and upon payment of monies due the Engineer for those services, the Engineer shall provide the owner with all data and models, upon which it will become the property of the Owner.**
- I. **At completion of any geotechnical or material investigation services and upon payment of monies due the Engineer for those services, the Engineer shall provide the owner with all data, upon which it will become the property of the Owner.**

6.04 *Insurance*

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G, "Insurance." Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer.
- B. Owner shall procure and maintain insurance as set forth in Exhibit G, "Insurance."~~Owner shall cause Engineer and its Consultants to be listed as additional insureds on any general liability policies and as loss payees on any property insurance policies carried by Owner which are applicable to the Project.~~
- C. Owner shall require Contractor to purchase and maintain policies of insurance covering workers' compensation, general liability, property damage (other than to the Work itself), motor vehicle damage and injuries, and other insurance necessary to protect Owner's and Engineer's interests in the Project. ~~Owner shall require Contractor to cause Engineer and its Consultants to be listed as additional insureds with respect to such liability and other insurance purchased and maintained by Contractor for the Project.~~
- D. ~~Owner and~~ Engineer shall ~~each~~ deliver to the **Owner** ~~other~~ certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates shall be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.
- E. ~~All policies of property insurance relating to the Project shall contain provisions to the effect that Engineer's and its Consultants' interests are covered and that in the event of payment of any loss or damage the insurers will have no rights of recovery against Engineer or its Consultants, or any insureds, additional insureds, or loss payees thereunder.~~
- F. All policies of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled or reduced in limits by endorsement, and that renewal will not be refused, until at least 30 days prior written notice has been given to Owner ~~and Engineer~~ and to each other additional insured (if any) to which a certificate of insurance has been issued.
- G. At any time, Owner may request that Engineer or its Consultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so requested by Owner, and if commercially available, Engineer shall obtain and shall require its Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

6.05 *Suspension and Termination*

- A. *Suspension:*

1. By Owner: Owner may suspend the Project for up to 90 days upon seven days written notice to Engineer.
 2. By Engineer: Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement if Engineer's performance has been substantially delayed through no fault of Engineer.
- B. *Termination*: The obligation to provide further services under this Agreement may be terminated:
1. For cause,
 - a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.
 - b. By Engineer:
 - 1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or
 - 2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control.
 - 3) Engineer shall have no liability to Owner on account of such termination.
 - c. Notwithstanding the foregoing, this Agreement will not terminate under Paragraph 6.05.B.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.
 2. For convenience,
 - a. By Owner effective upon Engineer's receipt of notice from Owner.
- C. *Effective Date of Termination*: The terminating party under Paragraph 6.05.B may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.
- D. *Payments Upon Termination*:

1. In the event of any termination under Paragraph 6.05, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have the limited right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.03.E.
2. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 6.05.D.1, to invoice Owner and to payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit C.

6.06 *Controlling Law*

- A. This Agreement is to be governed by the law of the state or jurisdiction in which the Project is located.

6.07 *Successors, Assigns, and Beneficiaries*

- A. Owner and Engineer are hereby bound and the successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 6.07.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, moneys that are due or may become due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise in this Agreement:
 1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Contractor, Subcontractor, Supplier, other individual or entity, or to any surety for or employee of any of them.
 2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.
 3. Owner agrees that the substance of the provisions of this Paragraph 6.07.C shall appear in the Contract Documents.

6.08 *Dispute Resolution*

- ~~A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to invoking the procedures of Exhibit H or other provisions of this Agreement, or exercising their rights under law.~~

- B. ~~If the parties fail to resolve a dispute through negotiation under Paragraph 6.08.A, then either or both may invoke the procedures of Exhibit H.~~ If Exhibit H is not included, or if no dispute resolution method is specified in Exhibit H, then the parties may exercise their rights under law.

6.09 *Environmental Condition of Site*

- A. Owner has disclosed to Engineer in writing the existence of all known and suspected Asbestos, PCBs, Petroleum, Hazardous Waste, Radioactive Material, hazardous substances, and other Constituents of Concern located at or near the Site, including type, quantity, and location.
- B. Owner represents to Engineer that to the best of its knowledge no Constituents of Concern, other than those disclosed in writing to Engineer, exist at the Site.
- C. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate governmental officials if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
- D. It is acknowledged by both parties that Engineer's scope of services does not include any services related to Constituents of Concern. If Engineer or any other party encounters an undisclosed Constituent of Concern, or if investigative or remedial action, or other professional services, are necessary with respect to disclosed or undisclosed Constituents of Concern, then Engineer may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until Owner: (1) retains appropriate specialist consultants or contractors to identify and, as appropriate, abate, remediate, or remove the Constituents of Concern; and (2) warrants that the Site is in full compliance with applicable Laws and Regulations.
- E. If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of Engineer's services under this Agreement, then the Engineer shall have the option of (1) accepting an equitable adjustment in its compensation or in the time of completion, or both; or (2) terminating this Agreement for cause on 30 days notice.
- F. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and shall not be required to become an "owner" "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

6.10 *Indemnification and Mutual Waiver*

- A. *Indemnification by Engineer:* To the fullest extent permitted by law, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, members, partners, agents, consultants, and employees from reasonable claims, costs, losses, and damages arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Engineer or Engineer's officers, directors, members, partners, agents, employees, or Consultants. **This indemnification provision is subject to and limited by the provisions, if any, agreed to by Owner and Engineer in Exhibit I, "Limitations of Liability."**

- B. *Indemnification by Owner:* Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants as required by Laws and Regulations and to the extent (if any) required in Exhibit I, Limitations of Liability.
- C. *Environmental Indemnification:* To the fullest extent permitted by law, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals, and all court, arbitration, or other dispute resolution costs) caused by, arising out of, relating to, or resulting from a Constituent of Concern at, on, or under the Site, provided that (1) any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, and (2) nothing in this paragraph shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence or willful misconduct.
- D. *Percentage Share of Negligence:* To the fullest extent permitted by law, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, shall not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.
- E. *Mutual Waiver:* To the fullest extent permitted by law, Owner and Engineer waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.

6.11 *Miscellaneous Provisions*

- A. *Notices:* Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, by facsimile, by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.
- B. *Survival:* All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.
- C. *Severability:* Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- D. *Waiver:* A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- E. *Accrual of Claims:* To the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of Substantial Completion.

ARTICLE 7 – DEFINITIONS

7.01 *Defined Terms*

- A. Wherever used in this Agreement (including the Exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following provisions:
1. *Additional Services* – The services to be performed for or furnished to Owner by Engineer in accordance with Part 2 of Exhibit A of this Agreement.
 2. *Agreement* – This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.
 3. *Asbestos* – Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 4. *Basic Services* – The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of this Agreement.
 5. *Construction Contract* – The entire and integrated written agreement between Owner and Contractor concerning the Work.
 6. *Construction Cost* – The cost to Owner of those portions of the entire Project designed or specified by Engineer. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or compensation for damages to properties; Owner's costs for legal, accounting, insurance counseling or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner pursuant to Exhibit B of this Agreement. Construction Cost is one of the items comprising Total Project Costs.
 7. *Constituent of Concern* – Any substance, product, waste, or other material of any nature whatsoever (including, but not limited to, Asbestos, Petroleum, Radioactive Material, and PCBs) which is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§1801 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; and (g) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
 8. *Consultants* – Individuals or entities having a contract with Engineer to furnish services with respect to this Project as Engineer's independent professional associates and consultants; subcontractors; or vendors.
 9. *Contract Documents* – Those items so designated in the Construction Contract, including the Drawings, Specifications, construction agreement, and general and supplementary

conditions. Only printed or hard copies of the items listed in the Construction Contract are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.

10. *Contractor* – The entity or individual with which Owner has entered into a Construction Contract.
11. *Documents* – Data, reports, Drawings, Specifications, Record Drawings, and other deliverables, whether in printed or electronic media format, provided or furnished in appropriate phases by Engineer to Owner pursuant to this Agreement.
12. *Drawings* – That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings are not Drawings as so defined.
13. *Effective Date* – The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.
14. *Engineer* – The individual or entity named as such in this Agreement.
15. *Hazardous Waste* – The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
16. *Laws and Regulations; Laws or Regulations* – Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
17. *Owner* – The individual or entity with which Engineer has entered into this Agreement and for which the Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning the Project.
18. *PCBs* – Polychlorinated biphenyls.
19. *Petroleum* – Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-hazardous waste and crude oils.
20. *Project* – The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
21. *Radioactive Material* – Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
22. *Record Drawings* – Drawings depicting the completed Project, prepared by Engineer as an Additional Service and based solely on Contractor's record copy of all Drawings, Specifications, addenda, change orders, work change directives, field orders, and written

interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.

23. *Reimbursable Expenses* – The expenses incurred directly by Engineer in connection with the performing or furnishing of Basic and Additional Services for the Project.
24. *Resident Project Representative* – The authorized representative of Engineer assigned to assist Engineer at the Site during the Construction Phase. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative agreed to by Owner. The duties and responsibilities of the Resident Project Representative, if any, are as set forth in Exhibit D.
25. *Samples* – Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
26. *Shop Drawings* – All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
27. *Site* – Lands or areas to be indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
28. *Specifications* – That part of the Contract Documents consisting of written technical descriptions of materials, equipment, systems, standards, and workmanship as applied to the Work and certain administrative details applicable thereto.
29. *Subcontractor* – An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
30. *Substantial Completion* – The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
31. *Supplier* – A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
32. *Total Project Costs* – The sum of the Construction Cost, allowances for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other Project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties, Owner’s costs for legal, accounting, insurance counseling and auditing services, interest and financing charges incurred in connection with the Project, and the cost of other services to be provided by others to Owner pursuant to Exhibit B of this Agreement.

33. *Work* – The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.

ARTICLE 8 – EXHIBITS AND SPECIAL PROVISIONS

8.01 Exhibits Included:

- A. Exhibit A, Engineer's Services. B. Exhibit B, Owner's Responsibilities.
- C. Exhibit C, Payments to Engineer for Services and Reimbursable Expenses.
- D. ~~Exhibit D, Duties, Responsibilities and Limitations of Authority of Resident Project Representative.~~
NOT INCLUDED
- E. Exhibit E, Notice of Acceptability of Work.
- F. ~~Exhibit F, Construction Cost Limit.~~ **NOT INCLUDED**
- G. Exhibit G, Insurance.
- H. ~~Exhibit H, Dispute Resolution.~~ **NOT INCLUDED**
- I. Exhibit I, Limitations of Liability.
- J. Exhibit J, Special Provisions.
- K. ~~Exhibit K, Amendment to Owner Engineer Agreement.~~ **NOT INCLUDED**

8.02 Total Agreement:

- A. This Agreement, (together with the exhibits identified above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument based on the format of Exhibit K to this Agreement.

8.03 Designated Representatives:

- A. With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to the Project on behalf of the respective party whom the individual represents.

8.04 Engineer's Certifications:

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:

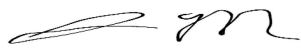
1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the selection process or in the Agreement execution;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

**CITY OF SOUTH BEND, INDIANA
BOARD OF PUBLIC WORKS**

Engineer:
SJCA Inc.

Elizabeth A. Maradik, President



Joseph R. Molnar, Vice President



Gary A. Gilot, Member



Breana Micou, Member



Murray L. Miller, Member

ATTEST:



Hillary R. Horvath, Clerk

Date: October 28, 2025

Date: _____

Engineer License or Firm's
Certificate No. _____

State of: Indiana

Address for giving notices:
227 West Jefferson Boulevard
South Bend, Indiana 46601

Address for giving notices:
9102 N Meridian Street
Indianapolis, IN 46260

Designated Representative (Paragraph 8.03.A):

Eric Horvath, P.E.

Designated Representative (Paragraph 8.03.A):

Sherly George, P.E.

Title: Acting City Engineer

Title: Executive Vice President

Phone Number: (574) 235-5923

Phone Number: 317-566-0629

Facsimile Number: (574) 235-9171

Facsimile Number: 317-566-0633

E-Mail Address: ehorrvath@southbendin.gov

E-Mail Address: sgeorge@sjcainc.com

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

A1.01 Study and Report Phase

A. Geotechnical Engineer shall:

1. Complete two infiltration test borings to a depth of up to 10 ft each, located near the proposed alignment.
2. Conduct a laboratory testing program to evaluate the infiltration characteristics of the subsurface soil.
3. Prepare a geotechnical report summarizing our observations and test results.

B. The Geotechnical Engineer's services under the Study and Report Phase will be considered complete on the date when the revised Report and any other deliverables have been delivered to Owner.

A1.02 Topographic Survey Phase

A. Upon written authorization from Owner, Consultant shall:

1. Perform the following topographic survey data collection tasks as follows:
 - 1.) Research including the last deed of record for adjoining owners, old road plans, right-of-way grants, section corner information, tax cards, subdivision plats, auditor's maps, benchmark information, regulated drain information, utility maps, recorded surveys, etc. sufficient to determine the alignment, existing r/w, section lines and property lines.
 - 2.) Locate all centerline monuments, section corners or property corners to determine the centerline alignment and existing right-of-way.
 - 3.) Use GPS and conventional radial survey methods to locate all section corners, property, and centerline monumentation. Horizontal datum shall be the Indiana State Plane East, Survey Foot coordinate system from GPS observations using INDOT's Continuously Operating Reference System (InCORS).
 - 4.) Run a level circuit to establish project vertical data. Vertical datum shall be on NAVD88 datum and may be derived from GPS observations using INDOT's Continuously Operating Reference System (InCORS). Project benchmarks (TBMs) shall be set at

intervals that do not exceed 1/4 mile (minimum of 3) with descriptions and elevations shown to the nearest 0.01' in the field book.

- 5.) Perform design survey in sufficient detail to obtain topographic data, utilities, buildings, walls, walks, signs, vaults, and natural and man-made features, as evidenced by facilities at the ground surface and marks by others, necessary for the development of project plans.
 - 6.) Cross-section data will be obtained at 50-foot (approximate) intervals, plus "breaks" in the ground line. Cross-section data will vary along as described above.
 - 7.) Obtain spot elevation data along drainage ditches, swales, pipes, culverts, and structures that directly affect the project, including invert elevation at all up/downstream pipes within the corridor limits.
 - 8.) Utilities will be shown based on visible above ground evidence and 811 locates only. Underground utility markings are provided by a third party; therefore, SJCA will assume no liability for incorrect or incomplete utility markings. SJCA will make every attempt to obtain utility markings during the course of the survey, however, cannot guarantee field markings will be completed during the course of the survey.
 - 9.) Show perimeter outline only of thickly wooded areas unless otherwise negotiated by SJCA and Client. (i.e. individual trees within wooded areas will not be located).
 - 10.) Download the data and complete CAD drawings of planimetric features as well as topographic features including the creation of a digital terrain model and contours.
 - 11.) Determination of the centerlines of roads based on old plans, monuments, and best field evidence available.
 - 12.) Determination of all section lines, apparent existing right-of-way lines and legal drain easement lines crossing the project and apparent property lines per deeds and platted subdivisions based on physical evidence and best available record information.
 - 13.) Set and reference control points for use by the contractor during the construction phase of the project.
 - 14.) Delivery of all files as currently required by the Indiana Design Manual CAD files shall be delivered. In addition, those CAD files will be converted to AutoCAD .dwg and .XML format and included in the deliverables.
 - 15.) Notice of Survey letters will be mailed to adjacent property owners prior to entering upon personal property.
2. The surveyor will proceed with the following assumptions:

- 1.) Assumes utilities will be marked by 811 marking service and obtained during the course of the initial field efforts. Additional field visits to locate utilities after completion of the initial field efforts are not included and will require a supplemental agreement.
- 2.) Assumes location of geotechnical borings will not be required.

A1.03 Preliminary Design Phase

A. Upon written authorization from Owner, Consultant shall:

- 1.) Prepare 30% Plans, including:
 - 1) Title sheet and index.
 - 2) Typical cross sections.
 - 3) Maintenance of Traffic Details.
 - 4) Plan and Profile Details.
 - 5) Miscellaneous details.
 - 6) Cross sections in areas of reconstruction.
 - 7) Preliminary quantity calculations.
 - 8) Construction cost estimate.
 - 9) Draft design documentation.
 - 10) Submit Plans and supporting documentation for Owner Review.

B. The consultant will proceed with the following assumptions:

- 1.) Plan submittals to the Owner “For Review” will occur at 30% Plans.
- 2.) Plan uploads shall be by the Consultant.
- 3.) Plan submittals will be electronic via 22” x 34”, with plans, special provisions, quantities, estimate, and design calculations
- 4.) Traffic, Road, and MOT plans will be included in a single set of plans.
- 5.) Pavement Design will not be required.

C. Engineer’s services under the Preliminary Design Phase will be considered complete on the date when the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other deliverables have been delivered to Owner.

A1.04 Roadside Ditches Hydraulic Design

A. Upon written authorization from Owner, Consultant shall:

1. Perform the following topographic survey data collection tasks as follows:

- 1) Prepare hydrologic calculations for the existing roadway corridor, identify existing outfall locations, and identify any waterway restrictions for the project location.
 - 2) Prepare hydraulic modeling in accordance with CoSB Construction Standards and Specifications.
 - 3) Prepare Erosion & Sediment Control Plan.
2. The Consultant will provide the following deliverables:
- 1) The deliverables will consist of PDF files of the hydraulic analysis and electronic files of the hydraulic modeling and storm structure layout, which will include spread calculations and roadside ditch calculations.
 - 2) Drainage Area and Discharge Determination Documentation in accordance with IDM Chapter 202.
 - 3) Drainage and Design Computations for the Roadway Storm Sewer in accordance with Chapter 203-4.0 of the Indiana Design Manual.
- B. The Consultant will proceed with the following assumptions:
1. CLIENT shall provide the following information:
 - 1.) Existing Plans/reports for the adjacent properties/development that drains to the existing ROW.
 - 2.) It is assumed that the existing stormwater trunk line has adequate capacity for the proposed sidewalk runoff, and any needed improvements to the trunk line will be done by the City or as part of another project.
 2. Stormwater line on north side of Ireland Rd can be connected to as a discharge point.
 3. Flow rate for Irish Hills shall be calculated based on as-builts provided by the client.
- C. Items specifically not included in the scope:
1. Development of an Operations and Maintenance Manual.
 2. Waterway Permitting Applications.
 3. Grading plan, plan and profile plans, and cross-sections.
 4. Analysis of the existing stormwater trunk line.

PART 2 – ADDITIONAL SERVICES

A2.01 *Additional Services Requiring Owner's Written Authorization*

- A. If authorized in writing by Owner, Engineer shall furnish or obtain from others Additional Services of the types listed below.

1. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
2. Services to make measured drawings of or to investigate existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
3. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer or its design requirements including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
4. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those identified in Paragraph A1.01.A.4.
5. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
6. Providing renderings or models for Owner's use.
7. Undertaking investigations and studies including, but not limited to, detailed consideration of operations, maintenance, and overhead expenses; the preparation of financial feasibility and cash flow studies, rate schedules, and appraisals; assistance in obtaining financing for the Project; evaluating processes available for licensing, and assisting Owner in obtaining process licensing; detailed quantity surveys of materials, equipment, and labor; and audits or inventories required in connection with construction performed by Owner.
8. Furnishing services of Consultants for other than Basic Services.
9. Services attributable to more prime construction contracts than specified in Paragraph A1.03.D.
10. Services during out-of-town travel required of Engineer other than for visits to the Site or Owner's office.
11. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructibility review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other Bidding Documents as a result of such review processes.

12. Preparing additional Bidding Documents or Contract Documents for alternate bids or prices requested by Owner for the Work or a portion thereof.
13. Assistance in connection with Bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required by Exhibit F.
14. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.6, and any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
15. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor.
16. Providing assistance in responding to the presence of any Constituent of Concern at the Site, in compliance with current Laws and Regulations.
17. Preparing Record Drawings showing appropriate record information based on Project annotated record documents received from Contractor, and furnishing such Record Drawings to Owner.
18. Preparation of operation and maintenance manuals.
19. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, or other dispute resolution process related to the Project.
20. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
21. Assistance in connection with the adjusting of Project equipment and systems.
22. Assistance to Owner in training Owner's staff to operate and maintain Project equipment and systems.
23. Assistance to Owner in developing procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related record-keeping.
24. Overtime work requiring higher than regular rates.
25. Other services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner in advance that Engineer is will immediately commence to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice from Owner.

1. Services in connection with work change directives and change orders to reflect changes requested by Owner.
2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or-equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.
3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
4. Additional or extended services during construction made necessary by (1) emergencies or acts of God endangering the Work (advance notice not required), (2) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (3) Work damaged by fire or other cause during construction, (4) a significant amount of defective, neglected, or delayed work by Contractor, (5) acceleration of the progress schedule involving services beyond normal working hours, or (6) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of any part of the Work by Owner prior to Substantial Completion.
6. Evaluating an unreasonable claim or an excessive number of claims submitted by Contractor or others in connection with the Work.
7. Reviewing a Shop Drawing more than three times, as a result of repeated inadequate submissions by Contractor.
8. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, state, or local safety authorities for similar construction sites.

Owner's Responsibilities

Article 2 of the Agreement is supplemented to include the following agreement of the parties.

B2.01 In addition to other responsibilities of Owner as set forth in this Agreement, Owner shall at its expense:

- A. Provide Engineer with all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which Owner will require to be included in the Drawings and Specifications; and furnish copies of Owner's standard forms, conditions, and related documents for Engineer to include in the Bidding Documents, when applicable.
- B. Furnish to Engineer any other available information pertinent to the Project including reports and data relative to previous designs, or investigation at or adjacent to the Site.
- C. Following Engineer's assessment of initially-available Project information and data and upon Engineer's request, furnish or otherwise make available such additional Project related information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services. Such additional information or data would generally include the following:
 - 1. Property descriptions.
 - 2. Zoning, deed, and other land use restrictions.
 - 3. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
 - 4. Explorations and tests of subsurface conditions at or contiguous to the Site, drawings of physical conditions relating to existing surface or subsurface structures at the Site, or hydrographic surveys, with appropriate professional interpretation thereof.
 - 5. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental or cultural studies as to the Project, the Site, and adjacent areas.
 - 6. Data or consultations as required for the Project but not otherwise identified in the Agreement or the Exhibits thereto.
- D. Give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of the presence at the Site of any Constituent of Concern, or of any other development that affects the scope or time of performance of Engineer's services, or any defect or nonconformance in Engineer's services, the Work, or in the performance of any Contractor.

- E. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of the Agreement as required.
- F. Arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under the Agreement.
- G. Examine all alternate solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, insurance counselor, and other advisors or consultants as Owner deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
- H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by Engineer and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.
- I. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, provide, as required for the Project:
 - 1. Accounting, bond and financial advisory, independent cost estimating, and insurance counseling services.
 - 2. Legal services with regard to issues pertaining to the Project as Owner requires, Contractor raises, or Engineer reasonably requests.
 - 3. Such auditing services as Owner requires to ascertain how or for what purpose Contractor has used the moneys paid.
- J. Place and pay for advertisement for Bids in appropriate publications.
- K. Advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to the Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructibility review.
- L. Furnish to Engineer data as to Owner's anticipated costs for services to be provided by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice) for Owner so that Engineer may assist Owner in collating the various cost categories which comprise Total Project Costs.
- M. If Owner designates a construction manager or an individual or entity other than, or in addition to, Engineer to represent Owner at the Site, define and set forth as an attachment to this Exhibit B the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- N. If more than one prime contract is to be awarded for the Work designed or specified by Engineer, designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and

authority of Engineer as an attachment to this Exhibit B that is to be mutually agreed upon and made a part of this Agreement before such services begin.

- O. Attend the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and Substantial Completion and final payment visits to the Project.
- P. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Contract Documents, or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof.
- Q. Provide Engineer with the findings and reports generated by the entities providing services to Owner pursuant to this paragraph.
- R. Inform Engineer in writing of any specific requirements of safety or security programs that are applicable to Engineer, as a visitor to the Site.
- S. Perform or provide the following additional services:
 - 1. Determining the existing flows from the Irish Hills Apartments and the hydraulic capacity of the existing enclosed stormwater trunkline.

1. **Compensation for Basic Services (not including Resident Project Representative) (as described in Exhibit A, Part I)**

Decision Question: Which method of compensation is to be used?

	Lump Sum	Standard Hourly Rates	Percentage of Construction Costs	Direct Labor Costs Times a Factor	Direct Labor Costs Plus Overhead Plus a Fixed Fee	Salary Costs Times a Factor
Use This Base Compensation Packet	Packet BC-1	Packet BC-2	Packet BC-3	Packet BC-4	Packet BC-5	Packet BC-6
Include This Appendix	N/A	Appendices 1 and 2	N/A	Appendix 1	Appendix 1	Appendix 1

2. **Compensation for Resident Project Representative (as described in Exhibit A, Paragraph A1.05.A.2, and in Exhibit D)**

Decision Question: Which method of compensation is to be used?

	Lump Sum	Standard Hourly Rates	Percentage of Construction Costs	Direct Labor Costs Times a Factor	Salary Costs Times a Factor
Use This RPR Compensation Packet	Packet RPR-1	Packet RPR-2	Packet RPR-3	Packet RPR-4	Packet RPR-5
Include This Appendix	N/A	Appendices 1 and 2	N/A	Appendix 1	Appendix 1

3. Compensation for Additional Services (as described in Exhibit A, Part 2)

Decision Question: Which method of compensation is to be used?

	Standard Hourly Rates	Direct Labor Costs Times a Factor	Salary Costs Times a Factor
Use This Additional Services Compensation Packet	Packet AS-1	Packet AS-2	Packet AS-3
Include This Appendix	Appendices 1 and 2	Appendix 1	Appendix 1

Example: If Basic Services (other than RPR) will be compensated using Lump Sum; RPR services using Direct Labor Times a Factor; and Additional Services using Standard Hourly Rates; then use Packet BC-1; Packet RPR-4; Packet AS-1; and Appendices 1 and 2 to form Exhibit C.

SUGGESTED FORMAT
(for use with E-500, 2008 Edition)

This is **EXHIBIT C**, consisting of _____ pages, referred to
in and part of the Agreement between Owner and Engineer
for Professional Services dated _____, _____.

Payments to Engineer for Services and Reimbursable Expenses
COMPENSATION PACKET BC-1: Basic Services – Lump Sum

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 2 – OWNER’S RESPONSIBILITIES

C2.01 Compensation for Basic Services (other than Resident Project Representative) – Lump Sum Method of Payment

- A. Owner shall pay Engineer for Basic Services set forth in Exhibit A, except for services of Engineer’s Resident Project Representative, if any, as follows:
1. A Lump Sum amount of \$ 73,838.00 based on the following estimated distribution of compensation:
 - 1.) Geotechnical Report \$ 22,338.00
 - 2.) Preliminary Design Phase \$ 51,500.00
 - 3.) Final Design Phase \$ _____
 - 4.) Bidding and Negotiating Phase \$ _____
 - 5.) Construction Phase \$ _____
 - 6.) Post-Construction Phase \$ _____
 2. Engineer may alter the distribution of compensation between individual phases noted herein to be consistent with services actually rendered, but shall not exceed the total Lump Sum amount unless approved in writing by the Owner.
 3. The Lump Sum includes compensation for Engineer’s services and services of Engineer’s Consultants, if any. Appropriate amounts have been incorporated in the Lump Sum to account for labor, overhead, profit, and Reimbursable Expenses.
 4. The portion of the Lump Sum amount billed for Engineer’s services will be based upon Engineer’s estimate of the percentage of the total services actually completed during the billing period.

B. *Period of Service:* The compensation amount stipulated in Compensation Packet BC-1 is conditioned on a period of service not exceeding 12 months. If such period of service is extended, the compensation amount for Engineer's services shall be appropriately adjusted.

1. s

This is **EXHIBIT G**, consisting of ____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated ____, ____.

Insurance

Paragraph 6.04 of the Agreement is supplemented to include the following agreement of the parties.

G6.04 Insurance

A. The limits of liability for the insurance required by Paragraph 6.04.A and 6.04.B of the Agreement are as follows:

1. By Engineer:

1.) Workers' Compensation:

Statutory

2.) Employer's Liability --

1) Each Accident:

\$ _____

2) Disease, Policy Limit:

\$ _____

3) Disease, Each Employee:

\$ _____

3.) General Liability --

1) Each Occurrence (Bodily Injury and Property Damage):
\$ 1,000,000 _____

2) General Aggregate:

\$ _____

4.) Excess or Umbrella Liability --

1) Each Occurrence:

\$ _____

2) General Aggregate:

\$ _____

5.) Automobile Liability --Combined Single Limit (Bodily Injury and Property Damage):

Each Accident

\$ 1,000,000 _____

6.) Professional Liability --

1) Each Claim Made

\$ 1,000,000 _____

2) Annual Aggregate

\$ 1,000,000 _____

7.) Other (specify):

\$ _____

2. By Owner:

1.) The City of South Bend is a municipal corporation organized under the laws of the State of Indiana, and is self-insured under provisions of Indiana statutes and local ordinance. Specifically, the City of South Bend maintains blanket insurance coverage over real and personal property, and is covered by a non-reverting insurance premium and liability reserve fund created by the City of South Bend, Ordinance #6657-79, pursuant to Indiana Code 34-13-3-4, as amended from time to time. Under said statute, the City's liability is limited to:

- 1) Seven hundred thousand dollars (\$700,000) for a cause of action that accrues on or after January 1, 2008; and
- 2) Five million dollars (\$5,000,000) for injury to or death of all persons in that occurrence; and
- 3) A governmental entity or an employee of a governmental entity acting within the scope of employment is not liable for punitive damages.

B. *Additional Insureds:*

~~1. The following persons or entities are to be listed on Owner's general liability policies of insurance as additional insureds, and on any applicable property insurance policy as loss payees, as provided in Paragraph 6.04.B:~~

a. _____
Engineer

b. _____
Engineer's Consultant

c. _____
Engineer's Consultant

~~2. During the term of this Agreement the Engineer shall notify Owner of any other Consultant to be listed as an additional insured on Owner's general liability and property policies of insurance.~~

3. The Owner shall be listed on Engineer's general liability policy as provided in Paragraph 6.04.A.

This is **EXHIBIT I**, consisting of ____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated ____, ____.

Limitations of Liability

Paragraph 6.10 of the Agreement is supplemented to include the following agreement of the parties:

A. Limitation of Engineer's Liability

1. *Engineer's Liability Limited to Amount of Insurance Proceeds:* Engineer shall procure and maintain insurance as required by and set forth in Exhibit G to this Agreement. Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, the total liability, in the aggregate, of Engineer and Engineer's officers, directors, members, partners, agents, employees, and Consultants to Owner and anyone claiming by, through, or under Owner for any and all claims, losses, costs, or damages whatsoever arising out of, resulting from, or in any way related to the Project or the Agreement from any cause or causes, including but not limited to the negligence, professional errors or omissions, strict liability, breach of contract, indemnity obligations, or warranty express or implied, of Engineer or Engineer's officers, directors, members, partners, agents, employees, or Consultants (hereafter "Owner's Claims"), shall not exceed the total insurance proceeds paid on behalf of or to Engineer by Engineer's insurers in settlement or satisfaction of Owner's Claims under the terms and conditions of Engineer's insurance policies applicable thereto (excluding fees, costs and expenses of investigation, claims adjustment, defense, and appeal). ~~If no such insurance coverage is provided with respect to Owner's Claims, then the total liability, in the aggregate, of Engineer and Engineer's officers, directors, members, partners, agents, employees, and Consultants to Owner and anyone claiming by, through, or under Owner for any and all such uninsured Owner's Claims shall not exceed~~
\$ _____

- B. *Indemnification by Owner:* To the fullest extent permitted by law, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Consultants from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Owner or Owner's officers, directors, members, partners, agents, employees, consultants, or others retained by or under contract to the Owner with respect to this Agreement or to the Project.

This is **EXHIBIT J**, consisting of ____ pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated ____, ____.

Special Provisions

Paragraph(s) ____ of the Agreement is/are amended to include the following agreement(s) of the parties:

Fee Summary



Project: Sidewalk extension on Ireland Rd to Irish Hills Apartments
Client: City of South Bend
DES. No.: NA
Contract No.: NA

Task		Fee Type	Proposed Fee
Topographic Survey Data Collection	6.1 Topographic Survey	Lump Sum	\$9,700.00
	7.1 Geotechnical Exploration Field and Lab Testing Services		\$16,193.00
Geotechnical Services	7.2 Geotechnical Engineering (PE)	Lump Sum	\$6,145.00
Road Design & Plan Development	8.1 Road Design and Plans	Lump Sum	\$26,600.00
Hydraulic Engineering	17.6 Roadside Ditches Hydraulic Design	Lump Sum	\$15,200.00
		Total	\$73,838.00

6.1 Topographic Survey



Project: Sidewalk extension on Ireland Rd to Irish Hills Apartments

Client: City of South Bend

Des. No.: NA

Contract No.: NA

BY: GMQ

Date: 6/10/2025

DESCRIPTION	STAFF HOURS BY CLASSIFICATION					Total Hours	Total Fee/Task
	Professional Surveyor	Survey Project Manager	Survey Party Chief	Survey Technician	Survey CAD Technician		
Preperation and Initial Research		2				2	\$309.54
Send Survey Notices		1				1	\$154.77
Request Utility Locations		1				1	\$154.77
Locate Monuments			4	4		8	\$770.12
GPS Horizontal Control			2			2	\$220.48
Project Horizontal Control			1			1	\$110.24
Run Level Circuit			2	2		4	\$385.06
Topographic Survey			16			16	\$1,763.84
Detail Structures						0	\$0.00
Sewer Structure Details			2	2		4	\$385.06
Download & Draft Topography					16	16	\$1,678.72
Determine Alignment Location		4				4	\$619.08
Determine Boundaries		4				4	\$619.08
Set & Reference Alignment			4	4		8	\$770.12
Complete Field Book Information						0	\$0.00
QC/QA	2	4				6	\$1,120.86
Travel Time			4	2		6	\$605.54
Supervision						0	\$0.00
TOTAL	2	16	35	14	16	83	\$ 9,667.28
Average Rate (2025)	\$250.89	\$154.77	\$110.24	\$82.29	\$104.92		
TOTAL LABOR COST	\$501.78	\$2,476.32	\$3,858.40	\$1,152.06	\$1,678.72		\$9,667.28
DIRECT EXPENSES							
Mileage	4	Trips x	15	Mi/Trip x	\$0.49	per Mi	\$29.40
Lodging	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Per Diem	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Copies	0	Copies x	\$0.00	per Copy			\$0.00
Deed Research	0	Deeds x	\$0.00	per Deed			\$0.00
Recorded LCRSP							\$0.00
TOTAL DIRECT EXPENSES							\$29.40
TOTAL FEE							\$9,696.68
PROPOSED LUMP SUM FEE							\$9,700.00

8.1 Road Design and Plans



Project: Sidewalk extension on Ireland Rd to Irish Hills Apartments

Client: City of South Bend

Des. No.: NA

Contract No.: NA

BY: SRM

Date: 8/26/2025

DESCRIPTION	STAFF HOURS BY CLASSIFICATION					Total Hours	Total Fee/Task
	Project Manager	Senior Engineer	Project Engineer	Designer	CAD Technician		
30% PLANS REVIEW SUBMISSION							
Review of Survey Information			1	2		3	\$526.13
CAD 3D Modelling				10		10	\$1,806.10
Title Sheet Preparation					4	4	\$437.64
Index Sheet					2	2	\$218.82
Typical Cross Section Preparation				4	4	8	\$1,160.08
Develop Layout Sheet						0	\$0.00
Horizontal & Vertical Alignments			4	6		10	\$1,743.30
Prepare Plan & Profile Sheets				8		8	\$1,444.88
Analysis of Existing R/W				1		1	\$180.61
Design Exception						0	\$0.00
Prepare Preliminary Cross Sections				4		4	\$722.44
Prepare General Plan						0	\$0.00
Curb Ramp Plan details (2 ramps)			2	6		8	\$1,413.48
Prepare Prel. Design on Plan & Profiles				6		6	\$1,083.66
Prepare Prel. Design on Layout						0	\$0.00
Prepare Structure Data Table				2		2	\$361.22
Prepare Summary Table			2	2		4	\$691.04
Develop Prelim. Maintenance of Traffic Plan			2	8		10	\$1,774.70
Develop Prelim. Erosion Control Plan			2	8		10	\$1,774.70
Level 1 Checklist & Computations		2	2			4	\$829.98
Project Alternatives & Analysis						0	\$0.00
Economic Analysis						0	\$0.00
Preliminary Drainage Design		2	4	6		12	\$2,243.46
Design Computations		2	4			6	\$1,159.80
Quantity Calculations		2	6			8	\$1,489.62
Preliminary Estimate (OMAN)		2	4			6	\$1,159.80
Client Coordination	8					8	\$1,865.12
Miscellaneous Forms			2			2	\$329.82
QC & Project Management	4	2		2	2	10	\$2,012.76
Client Submittal						0	\$0.00
30% Plans TOTALS	12	12	35	75	12	146	\$26,429.16
TOTAL	12	12	35	75	12	146	26429.16
Average Rate (2025)	\$233.14	\$250.08	\$164.91	\$180.61	\$109.41		

TOTAL LABOR COST	\$2,797.68	\$3,000.96	\$5,771.85	\$13,545.75	\$1,312.92		\$26,429.16
DIRECT EXPENSES							
Mileage	1	Trips x	260	Mi/Trip x	\$0.49	per Mi	\$127.40
Lodging	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Per Diem	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Copies	0	Copies x	\$0.00	per Copy			\$0.00
Deed Research	0	Deeds x	\$0.00	per Deed			\$0.00
TOTAL DIRECT EXPENSES							\$127.40
TOTAL FEE							\$26,556.56
PROPOSED LUMP SUM FEE							\$26,600.00

17.6 Roadside Ditches Hydraulic Design



Project: Sidewalk extension on Ireland Rd to Irish Hills Apartments

Client: City of South Bend

Des. No.: NA

Contract No.: NA

BY: BED

Date: 6/10/2025;

Rev 07/21/2025

DESCRIPTION	STAFF HOURS BY CLASSIFICATION					Total Hours	Total Fee/Task
	Project Manager	Senior Engineer	Project Engineer	Designer	CAD Technician		
Obtain and Review Existing Data	2		4			6	\$1,125.92
Determine Peak Discharge		2	8			10	\$1,819.44
Prepare Hydraulic Modeling and Complete Hydraulic Analysis		2	8			10	\$1,819.44
Prepare Hydraulic Analysis for ROW		4	20	2		26	\$4,659.74
Prepare Hydraulic Report and Associated Appendices, Submit to Client for Review/Approval		4	16			20	\$3,638.88
Respond to Comments and Resubmit to Client	2	4	4			10	\$2,126.24
TOTAL	4	16	60	2	0	82	\$ 15,189.66
Average Rate (2025)	\$233.14	\$250.08	\$164.91	\$180.61	\$109.41		
TOTAL LABOR COST	\$932.56	\$4,001.28	\$9,894.60	\$361.22	\$0.00		\$15,189.66
DIRECT EXPENSES							
Mileage	0	Trips x	0	Mi/Trip x	\$0.49	per Mi	\$0.00
Copies	0	Copies x	\$0.00	per Copy			\$0.00
Deed Research	0	Deeds x	\$0.00	per Deed			\$0.00
TOTAL DIRECT EXPENSES							\$0.00
TOTAL FEE							\$15,189.66
PROPOSED LUMP SUM FEE							\$15,200.00

20.1 Construction Phase Services



Project: Sidewalk extension on Ireland Rd to Irish Hills Apartments

Client: City of South Bend

Des. No.: NA

Contract No.: NA

BY: MAH

Date: 6/10/2025

DESCRIPTION	STAFF HOURS BY CLASSIFICATION					Total Hours	Total Fee/Task
	Project Manager	Senior Engineer	Project Engineer	Designer	CAD Technician		
CONSTRUCTION PHASE SERVICES							
Preconstruction Meeting	0					0	\$0.00
Shop Drawing Review			0			0	\$0.00
As-needed Consultation	0					0	\$0.00
CONSTRUCTION PHASE SERVICE TOTALS	0	0	0	0	0	0	\$0.00
TOTAL	0	0	0	0	0	0	
Average Rate (2025)	\$233.14	\$250.08	\$164.91	\$180.61	\$109.41		
TOTAL LABOR COST	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
DIRECT EXPENSES							
Mileage	0	Trips x	260	Mi/Trip x	\$0.49	per Mi	\$0.00
Lodging	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Per Diem	0	Persons x	0	Days x	\$0.00	per Day	\$0.00
Copies	0	Copies x	\$0.00	per Copy			\$0.00
Deed Research	0	Deeds x	\$0.00	per Deed			\$0.00
TOTAL DIRECT EXPENSES							\$0.00
TOTAL FEE							\$0.00
PROPOSED HOURLY NTE FEE							\$0.00



September 18, 2025

Sam Magers, P.E.
SJCA Inc.
smagers@sjcainc.com

Re: Proposal for Professional Services
Geotechnical Evaluation
South Bend Irish Hills Sidewalk Project
South Bend, Indiana
Terracon Proposal No.: PCJ255343

Dear Sam:

We understand that representatives of the City of South Bend are planning to extend an existing sidewalk approximately 1,000 ft along the north edge of Ireland Road, using local funds only.

Based on our review of publicly available information and our experience in the area, we anticipate the subsurface conditions to consist predominantly of sandy loam, with bedrock expected to be located approximately 200 to 250 ft below the ground surface.

Based on our understanding of the project and the geologic setting, we propose the following scope:

- Complete two infiltration test borings to a depth of up to 10 ft each, located near the proposed alignment.
- Conduct a laboratory testing program to evaluate the infiltration characteristics of the subsurface soil.
- Prepare a geotechnical report summarizing our observations and test results.

We propose to provide our geotechnical services as outlined above on a lump sum basis. A summary of our fee is provided below. We propose 12 weeks to completion of Geotechnical Report from Notice to Proceed.

Geotechnical Field and Laboratory Testing	\$16,193
Geotechnical Engineering	\$6,145
TOTAL	\$22,338

Additionally, we propose a post-bid fee not to exceed **\$2,000** for our engineering services during construction. We propose this fee on a unit rate basis and based on the appended Fee Schedule for Post Bid Services.

Thank you for having us on your team! We look forward to providing our services on this project. Feel free to contact us should you have any questions.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Belayneh Desta'.

Belayneh Desta, P.E.
Project Engineer

A handwritten signature in black ink, appearing to read 'Kellen P. Heavin'.

Kellen P. Heavin, P.E.
Operations Manager

Enclosure: Fee Justification
Fee Schedule for Post Bid Services

Cost Estimate
South Bend Irish Hills Sidewalk Project
 South Bend, Indiana
 Terracon Proposal No PCJ255343

EXPLORATORY FIELD ACTIVITIES

Mobilization and demobilization	1 LS	\$1,900.00 / LS	1,900.00
Test boring with SPT sampling, 0-50 ft	1 day	\$3,900.00 / day	3,900.00
Shelby tube sampling	ea	\$135.00 / ea	-
ATV-mounted equipment	day	\$655.00 / day	-
Truck-mounted equipment	day	\$325.00 / day	-
Rock coring	ft	\$65.00 / ft	-
Rock core set-ups	ea	\$164.00 / ea	-
Soundings	ft	\$16.50 / ft	-
Pavement cores	ea	\$190.00 / ea	-
Road closure	day	\$250.00 / day	-
Traffic control	LS	\$4,500.00 / LS	4,500.00
Boring layout, permits and utility coordination	7 hr	\$125.00 / hr	875.00
Support truck	1 day	\$136.00 / day	136.00
Per diem (2 man crew)	day	\$136.00 / day	-
Overnight living expense (2 man crew)	night	\$250.00 / night	-
Infiltration Test	2 days	\$2,000.00 / days	4,000.00
		Subtotal	15,311.00

LABORATORY

Visual soil/rock classification, moisture content and hand penetrometer readings	6 hr	\$87.00 / hr	522.00
Atterberg limits	ea	\$120.00 / ea	-
Grain size analysis	2 ea	\$180.00 / ea	360.00
Unconfined compression	ea	\$110.00 / ea	-
Standard Proctor	ea	\$190.00 / ea	-
California bearing ratio (CBR)	ea	\$550.00 / ea	-
Unit Weight	ea	\$55.00 / ea	-
Loss on Ignition	ea	\$65.00 / ea	-
Specific Gravity	ea	\$80.00 / ea	-
Topsoil Testing	ea	\$497.50 / ea	-
Pavement core logging, summary	ea	\$87.00 / ea	-
		Subtotal	\$882.00

ENGINEERING

Report of results, discussion, and recommendations	1 LS	\$6,145.00 / LS	\$6,145.00
Project oversight and coordination	1 LS	/ LS	
Pavement Analysis and Design	LS	/ LS	
		Subtotal	\$6,145.00
		Estimated Total	\$22,338.00

Terracon Consultants, Inc.

Construction Observations

Rates by Classification

Classification		Billing Rates Escalated
		2027
1	Principal	\$ 280.37
2	Senior Engineer	\$ 263.58
3	Project Engineer	\$ 186.06
4	Senior Staff Engineer	\$ 156.40
5	Staff Engineer	\$ 141.51
6	Senior Geophysicist	\$ 269.80
7	Project Geophysicist	\$ 156.85
8	Senior Staff Geophysicist	\$ 147.88
9	Assistant Project Manager	\$ 122.76
10	Assistant Geologist	\$ 76.60
11	CAD Operator	\$ 117.93
12	Administrative Staff	\$ 86.68

**BOARD OF PUBLIC WORKS
AGENDA ITEM REVIEW REQUEST FORM**

Date: 10/21/2025
Name: Caitlin Wyant, EI Department of Public Works – Engineering Division
BPW Date: 10/28/2025 Phone Extension: 7483

Required Prior to Submittal to Board

BPW Attorney ☒ Attorney Name Michael Schmidt

Dept. Attorney ☐ Attorney Name

Purchasing ☐

Check the Appropriate Item Type – Required for All Submissions

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Professional Services Agreement | <input type="checkbox"/> Contract | <input type="checkbox"/> Proposal |
| <input type="checkbox"/> Open Market Contract | <input type="checkbox"/> Amendment/Addendum | <input type="checkbox"/> Special Purchase, QPA |
| <input type="checkbox"/> Bid Opening | <input type="checkbox"/> Bid Award | <input type="checkbox"/> Req. to Advertise <input type="checkbox"/> Title Sheet |
| <input type="checkbox"/> Quote Opening | <input type="checkbox"/> Quote Award | <input type="checkbox"/> Reject Bids/Quotes |
| <input type="checkbox"/> Proposal Opening | <input type="checkbox"/> C/O & PCA No. <u> </u> | <input type="checkbox"/> PCA |
| <input type="checkbox"/> Chg. Order, No. <u> </u> | <input type="checkbox"/> Traffic Control | <input type="checkbox"/> Resolution |
| <input type="checkbox"/> Other: <u> </u> | | <input type="checkbox"/> Ease./Encroach |

Required Information

Company or Vendor Name SJCA, Inc.
New Vendor ☐ Yes ☐ If Yes, Approved by Purchasing
☐ No
MBE/WBE Contractor ☐ MBE ☐ WBE Completed E-Verify Form Attached ☐ Yes ☐ No
Project Name Irish Hills Sidewalk Connector
Project Number 125-036
Funding Source Stormwater General Fund – Professional Services
Account No. PR/PO #
Amount \$96,176
Terms of Contract
Special Contract Provisions
Purpose/Description Design a sidewalk for the north side of E Ireland Rd to connect CVS (2101 E Ireland Rd) driveway to Irish Hills Dr

For Change Orders Only

Amount of <input type="checkbox"/>	Increase	\$ <u> </u>
<input type="checkbox"/>	Decrease	(\$ <u> </u>)
Previous Amount		\$ <u> </u>
	Increase	<u> </u> %
Current Percent of Change:	Decrease	(<u> </u> %)
New Amount		\$ <u> </u>
	Increase	<u> </u> %
Total Percent of Change:	Decrease	(<u> </u> %)
Time Extension Amount:		<u> </u>
New Completion Date:		<u> </u>